



Government of Samoa
Office of the Regulator
Private Bag, Apia, Samoa

NATIONAL FREQUENCY ALLOCATION TABLE

(This document is part of the National Spectrum Plan)

Prepare by the Office of the Regulator

SAMOA NATIONAL FREQUENCY ALLOCATION

Samoa is a member of the International Telecommunication Union (ITU). The International Telecommunications Union ("ITU"), a United Nations organisation, is responsible for regulating the international use of the spectrum. The ITU Radio Regulations, for example, contain the international frequency allocation table ("ITU Allocation Table"). This table is important in that it forms the global framework for international, regional and national spectrum planning.

One of the key features of the ITU Allocation Table is that it sets out the frequency bands that have been allocated to services and divides the world into three distinctive regions. Samoa falls within the parameter of Region 3 in the ITU Allocation Table.

The ITU has specific definitions for terms and services used in its Radio Regulations. These may be found in Article 1 of the ITU Radio Regulations. In most instances the corresponding definitions contained in the Spectrum Plan reflect the intent of the ITU definitions.

PRELIMINARY INFORMATION

2.1 Definitions

In the Spectrum Plan, unless the contrary intention appears, the following definitions apply:

“Act” means Samoa Telecommunication Act 2005

“administration” means any Government department or service responsible for discharging the obligations undertaken in the Constitution of the International Telecommunication Union, in the Convention of the International Telecommunication Union and in the Administrative Regulations (CS 1002);

“aeronautical mobile-satellite service” means a mobile-satellite service in which a mobile earth station is located on board an aircraft or a survival craft, a life boat or life craft;

“aeronautical mobile service” means a mobile service between an aeronautical station and aircraft station, or between aircraft stations in which a survival craft station may participate or in which an emergency position indicating radio beacon may also participate on designated distress and emergency frequencies;

“aeronautical radionavigation service” means a radionavigation service intended for the benefit and for the safe operation of aircraft;

“amateur radio service” means a radio communications service in which a station is used for the purpose of self-training, intercommunication and technical investigations carried out by amateurs, that is, by duly authorized persons who are interested in radio technique solely with a personal aim and without any pecuniary interest;

“amateur-satellite service” means a radio communications service using a space station on earth satellites for the same purposes as those of the amateur radio service;

“broadcasting satellite service” means a radio communications service in which signals transmitted or re-transmitted by space stations are intended for direct reception by the general public or a section of the general public;

“broadcasting service” means a content applications service in which content is transmitted by means of radio communications and intended for direct reception by the general public or a section of the general public;

“coordinated universal time (UTC)” means a time scale, based on the second (SI), as defined in ITU-R Recommendation ITU-R TF. 460-4;

“cellular mobile service” means a mobile service between a cellular radio base station and cellular mobile access device;

“emergency position indicating radio beacon” means a radiolocation station, the emissions of which are intended to facilitate search and rescue operations;

“earth exploration-satellite service” means a radiocommunication service between earth stations and one or more space stations, which may include links between space stations, in which:

Information relating to the characteristics of the Earth and its natural phenomena, including data relating to the state of the environment, is obtained from active sensors or passive sensors on earth satellites, similar information is collected from air-borne or earth-based platforms, such information may be distributed to earth stations within the system concerned, platform interrogation may be included;

“fixed-satellite service” means a radiocommunications service between earth stations at a given position, and when one or more satellites are used, the given position may be a specified fixed point or any fixed point within a specified area and includes satellite-to-satellite links which may also be operated in the inter-satellite service and feeder links for other space services;

“fixed service” means a radiocommunications service between specified fixed points;

“harmful interference” means interference which endangers or seriously degrades, obstructs or repeatedly interrupts the functioning of a radionavigation service or one or more safety services operating in accordance with these Regulations;

“inter-satellite service” means a radiocommunications service providing links between artificial earth stations;

“industrial, scientific and medical (ISM) Applications” means operation of equipment or appliances designed to generate, and use locally, radiofrequency energy for industrial, scientific, medical, domestic or similar purposes, excluding applications in the field of telecommunications;

“land mobile satellite service” means a mobile satellite service in which mobile earth stations are located on land;

“maritime mobile service” means a mobile service between a coast station and a ship station, or between ship stations, or between associated on-board stations and includes a survival craft station and emergency position indicating radio beacon stations;

“maritime mobile-satellite service” means a mobile-satellite service in which mobile earth stations are located on board vessels and includes a survival craft station and emergency position indicating radio beacon stations;

“meteorological-satellite service” means an earth exploration-satellite service for meteorological purposes;

“mobile service” means a radio communications service between a mobile station and land station, or between mobile stations;

“mobile satellite service” means a radio communications service between mobile earth stations and one or more space stations; or between space stations used by this service; or between mobile earth stations by means of one or more space stations. This service may also include feeder links necessary for its operation.

“radio” means a general term applied to the use of radio waves;

“radio waves or Hertzian Waves” means electromagnetic waves of frequencies arbitrarily lower than 3000 GHz, propagated in space without artificial guides;

“radiocommunication” means communication by means of radio waves;

“radiocommunications services” means any radio communications-based network service;

“radiodetermination service” means a radio communications service for the purpose of radio determination;

“radiodetermination station” means a station used for the purpose of radio determination;

“radiolocation service” means a radio determination service used for the purpose of radiolocation;

“radionavigation service” means a service for the purpose of navigation including the purpose of announcing obstruction warnings;

“radio direction-finding” means radio determination using the reception of radio waves for the purpose of determining the direction of a station or object;

“radio astronomy” means astronomy based on the reception of radio waves of cosmic origin;

“radio astronomy service” means a radio communication service involving the use of radio astronomy.

“safety service” means any radiocommunications service where the permanent or temporary, with the ability to meet emergency relief

communications requirements for the safeguarding of human life and/or property ;

“space service” means a radiocommunications service using a space station or any other stations located beyond, or intended to go beyond, or which has been beyond, the major portion of the Earth’s atmosphere;

“space radiocommunication” means any radiocommunication involving the use of one or more space stations or the use of one or more reflecting satellites or other objects in space;

“space operation service” means a radiocommunication service concerned exclusively with the operation of spacecraft, in particular space tracking, space telemetry and space telecommand;

“standard frequency and time signal service” means a radiocommunication service for scientific, technical and other purposes, providing the transmission of specified frequencies, time signals, or both, of stated high precision, intended for general reception;

“standard frequency and time signal-satellite service” means a radiocommunication service using space stations on earth satellites for the same purpose as those of the standard frequency and time signal service. This service may also include feeder links necessary for its operation;

“space research service” means a radiocommunication service in which spacecraft or other objects in space are used for scientific or technological research purposes;

FREQUENCY ALLOCATION TABLE

MF Band (300 - 3000 kHz)

Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
285 – 325kHz	AERONAUTICAL RADIONAVIGATION MARITIME RADIO NAVIGATION	AERONAUTICAL RADIONAVIGATION		
325 - 405 kHz	AERONAUTICAL RADIONAVIGATION Aeronautical mobile			
405 - 415 kHz	RADIO NAVIGATION 5.76 Aeronautical mobile	RADIONAVIGATION		
415 - 495 kHz	MARITIME MOBILE 5.79 5.79A 5.81 5.82	MARITIME MOBILE		
495 - 505 kHz	MOBILE (distress and calling) 5.83			
535 -1 606.5 kHz	BROADCASTING	BROADCASTING	AM Audio Broadcasting	
1 606.5-1 800kHz	FIXED MOBILE RADIOLOCATION RADIONAVIGATION	FIXED MOBILE RADIOLOCATION RADIONAVIGATION		
1 800-2 000 kHz	AMATEUR FIXED MOBILE except aeronautical mobile RADIONAVIGATION Radiolocation 5.97	AMATEUR FIXED MOBILE except aeronautical mobile		
2 000-2 065 kHz	FIXED MOBILE	FIXED MOBILE		
2 065-2 107 kHz	MARITIME MOBILE 5.106	MARITIME MOBILE		

Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
2 170-2 173.5 kHz	MARITIME MOBILE	MARITIME MOBILE		
2 173.5-2 190.5 kHz	MOBILE (distress and calling) 5.108 5.109 5.110 5.111	MOBILE	2182 kHz distress and calling	
2 190.5-2 194 kHz	MARITIME MOBILE	MARITIME MOBILE		
2 194-2 300 kHz	FIXED MOBILE	FIXED MOBILE		
2 300-2 495 kHz	FIXED MOBILE BROADCASTING 5.113	FIXED MOBILE		
2 495-2 501 kHz	STANDARD FREQUENCY AND TIME SIGNAL (2 500 kHz)	STANDARD FREQUENCY 2.5 MHz		
2 501-2 502 kHz	STANDARD FREQUENCY AND TIME SIGNAL Space Research	STANDARD FREQUENCY 2.5 MHz		
2 501-2 502 kHz	STANDARD FREQUENCY AND TIME SIGNAL Space Research	STANDARD FREQUENCY AND TIME SIGNAL Space Research		
2 502-2 505 kHz	STANDARD FREQUENCY AND TIME SIGNAL	STANDARD FREQUENCY AND TIME SIGNAL		
2 505-2 850 kHz	FIXED MOBILE	FIXED MOBILE		
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference

2 850-3 025 kHz	AERONAUTICAL MOBILE (R) 5.111 5.115	AERONAUTICAL MOBILE (R)	Aeronautical Base and SAR (3023 kHz)	IRR Appendix 27
3 025-3 155 kHz	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	Commercial aeronautical services	General User Radio Licence for Aircraft IRR Appendix 26
3 155-3 200 kHz	FIXED MOBILE except aeronautical mobile (R) 5.116	MOBILE except aeronautical mobile (R) Maritime mobile		Frequencies 3175khz,5375khz and 7305khz are assigned to limited coast stations,Apia
3 200-3 230 kHz	FIXED MOBILE except aeronautical mobile (R) BROADCASTING 5.113 5.116			
3 230-3 400 kHz	FIXED MOBILE except aeronautical mobile BROADCASTING 5.113 5.116			
3 400-3 500 kHz	AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)		General User Radio Licence for Aircraft IRR Appendix 27
3 500-3 900 kHz	AMATEUR FIXED MOBILE	AMATEUR FIXED MOBILE		Guide for visiting Amateur Radio Operators
3 900-3 950 kHz	AERONAUTICAL MOBILE BROADCASTING	AERONAUTICAL MOBILE BROADCASTING		
3 950-4 000 kHz	FIXED BROADCASTING 5.126	FIXED BROADCASTING		
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference

4 000-4 063 kHz	FIXED MARITIME MOBILE 5.127 5.126	FIXED MARITIME MOBILE		
4 063-4 438 kHz	MARITIME MOBILE 5.79A 5.109 5.110 5.130 5.131 5.132 5.129	MARITIME MOBILE		
4 438-4 650 kHz	FIXED MOBILE except aeronautical mobile	FIXED MOBILE		
4 650-4 700 kHz	AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)		General User Radio Licence for Aircraft IRR Appendix 27
4 700-4 750 kHz	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)		General User Radio Licence for Aircraft IRR Appendix 26
4 750-4 850 kHz	FIXED BROADCASTING 5.113 Land mobile	FIXED Land Mobile		
4 850-4 995 kHz	FIXED LAND MOBILE BROADCASTING 5.113			
4 995-5 003 kHz	STANDARD FREQUENCY AND TIME SIGNAL (5 000 kHz)			
5 005-5 060 kHz	FIXED BROADCASTING 5.113			
5 060-5 250 kHz	FIXED Mobile except aeronautical mobile			
5 250-5 450 kHz	FIXED MOBILE except aeronautical mobile			
5 450-5 480 kHz	FIXED AERONAUTICAL MOBILE (OR)LAND MOBILE	AERONAUTICAL MOBILE (OR) LAND MOBILE		IRR Appendix 27
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
5 480-5 680 kHz	AERONAUTICAL MOBILE (R) 5.111 5.115	AERONAUTICAL MOBILE (R)		General User Radio Licence

				for Aircraft IRR Appendix 27
5 680-5 730 kHz	AERONAUTICAL MOBILE (OR) 5.111 5.115	AERONAUTICAL MOBILE (OR)		General User Radio Licence for Aircraft IRR Appendix 26
5 730-5 900 kHz	FIXED Mobile except aeronautical mobile(R)	Mobile except aeronautical mobile (R)		
5 950-6 200 kHz	BROADCASTING			
6 200-6 525 kHz	MARITIME MOBILE 5.109 5.110 5.130 5.132 5.137	MARITIME MOBILE Mobile		IRR Appendix 17
6 525-6 685 kHz	AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)		General User Radio Licence for Aircraft IRR Appendix 27
6 685-6 765 kHz	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)		General User Radio Licence for Aircraft IRR Appendix 26
6 765-7 000 kHz	FIXED MOBILE except aeronautical mobile(R) 5.138 5.138A	FIXED Mobile		General User Radio Licence for SRDs RFS27: Telecomm and Telemetry
7 000-7 100 kHz	AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE		Guide for visiting Amateur Radio Operators
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
7 100-7 200 kHz	AMATEUR 5.141C 5.142	AMATEUR		Guide for visiting Amateur Radio Operators
7 200 74 50	BROADCASTING 5.134 5.143 5.143A 5.143B 5.143C 5.143D			

7 450-8 100 kHz	FIXED MOBILE except aeronautical mobile (R) 5.143E 5.144	FIXED Land Mobile		HF BAND PLAN for Land Mobile services
8 100-8 195 kHz	FIXED MARITIME MOBILE	FIXED MARITIME MOBILE		
8 195-8 815 kHz	MARITIME MOBILE 5.109 5.110 5.132 5.145 5.111	MARITIME MOBILE		IRR Appendix 17
8 815-8 965 kHz	AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)		General User Radio Licence for Aircraft IRR Appendix 27
8 965-9 040 kHz	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)		General User Radio Licence for Aircraft IRR Appendix 26
9 040-9 400 kHz	FIXED	FIXED		
9 400-9 900kHz	BROADCASTING 5.134 5.146 5.147			
9 900-9 995 kHz	FIXED	FIXED		
9 995- 10. 005 Mhz	STANDARD FREQUENCY AND TIME SIGNAL Space research 5.111			
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
10.005-10.100 MHz	AERONAUTICAL MOBILE (R) 5.111	AERONAUTICAL MOBILE (R)		General User Radio Licence for Aircraft IRR Appendix 27
10.150-11.175 MHz	FIXED Mobile except aeronautical mobile	FIXED		
11.175-11.275 MHz	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)		General User Radio Licence

				for Aircraft IRR Appendix 26
11.275-11.400 MHz	AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)		General User Radio Licence for Aircraft IRR Appendix 27
12.230-13.200 MHz	MARITIME MOBILE 5.109 5.110 5.132 5.145	MARITIME MOBILE	Maritime mobile ship to shore communications	IRR Appendix 17
13.200-13.260 MHz	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)		General User Radio Licence for Aircraft IRR Appendix 26
13.260-13.360 MHz	AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)		General User Radio Licence for Aircraft IRR Appendix 27
14.000-14.350MHz	AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE		Guide for visiting Amateur Radio Operators
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
15.010-15.100 MHz	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)		General User Radio Licence for Aircraft IRR Appendix 26
15.100-15.600MHz	BROADCASTING			
15.600-15,800MHz	BROADCASTING 5.134 5.146	Mobile		
15.800-16.360MHz	FIXED 5.153	FIXED		
16.360-17.410 MHz	MARITIME MOBILE 5.109 5.110	MARITIME MOBILE		IRR Appendix 17

	5.132 5.145			
17.900-17.970 MHz	AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)		General User Radio Licence for Aircraft IRR Appendix 27
17.970-18.030 MHz	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)		General User Radio Licence for Aircraft IRR Appendix 26
18.068-18.168 MHz	AMATEUR AMATEUR-SATELLITE	AMATEUR		Guide for visiting Amateur Radio Operators
18.168-18.780MHz	FIXED Mobile except aeronautical mobile	Mobile		
18.780-18.900 MHz	MARITIME MOBILE	MARITIME MOBILE		IRR Appendix 17
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
19.680-19.800 MHz	MARITIME MOBILE 5.132	MARITIME MOBILE		IRR Appendix 17
20.010-21.000 MHz	FIXED Mobile	Mobile		
21.000-21.450 MHz	AMATEUR AMATEUR-SATELLITE	AMATEUR		Guide for visiting Amateur Radio Operators
21.924-22.000 MHz	AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)		General User Radio Licence for Aircraft IRR Appendix 27
22.000-22.855 MHz	MARITIME MOBILE 5.132	MARITIME MOBILE		
22.855-23.000 MHz	FIXED	FIXED		
24.000-24.890 MHz	FIXED	FIXED		

	LAND MOBILE	LAND MOBILE		
24.890-24.990 MHz	AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE		Guide for visiting Amateur Radio Operators
24.990-25.005 MHz	STANDARD FREQUENCY AND TIME SIGNAL(25 000 kHz)			
25.005-25.010 MHz	STANDARD FREQUENCY AND TIME SIGNAL Space research			
25.010-25.070 MHz	FIXED MOBILE except aeronautical mobile			
25.070-25.210 MHz	MARITIME MOBILE	MARITIME MOBILE		
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
25.210-25.550 MHz	FIXED MOBILE except aeronautical mobile	FIXED MOBILE except aeronautical mobile		
25.550-25.670 MHz	RADIO ASTRONOMY 5.149			
25 670-26 100 MHz	BROADCASTING	Broadcasting		
26.100-26.175 MHz	MARITIME MOBILE 5.132	MARITIME MOBILE		
26.175-27.500 MHz	FIXED MOBILE except aeronautical mobile 5.150	FIXED MOBILE except aeronautical mobile 5.150		
27.500-28.000 MHz	METEOROLOGICAL AIDS FIXED MOBILE	FIXED MOBILE		
28.000-29.700 MHz	AMATEUR	AMATEUR		

	AMATEUR-SATELLITE	AMATEUR-SATELLITE		
29.700-30.005 MHz	FIXED MOBILE	FIXED MOBILE		
44-47 MHz	FIXED MOBILE 5.162			
50-54 MHz	AMATEUR	AMATEUR		

VHF Band (30 - 300 MHz)

Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
54-68MHz	FIXED MOBILE BROADCASTING	TV Broadcasting	Tv3 Band 1 Chn3 61 - 68	
68-74.8 MHz	FIXED MOBILE 5.149	FIXED MOBILE		General User Radio Licence for SRDs General User Radio Licence for Cordless Telephones RFS30: Cordless Telephones POLDOC General Licence
74.8-75.2 MHz	AERONAUTICAL RADIONAVIGATION 5.180	AERONAUTICAL RADIONAVIGATION		
75.2-75.4 MHz	FIXED MOBILE	FIXED MOBILE		

75.4-87MHz	FIXED MOBILE 5.149	FIXED MOBILE 5.149	Interference from American Samoa 82-87MHz	
88-108 MHz	BROADCASTING	BROADCASTING	Sound Broadcasting	
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
108-117.975 MHz	AERONAUTICAL RADIONAVIGATION 5.197A	AERONAUTICAL RADIONAVIGATION		
117.975-137 MHz	AERONAUTICAL MOBILE (R) 5.111 5.198 5.199 5.200 5.203	AERONAUTICAL MOBILE (R)		General User Radio Licence for Aircraft General User Radio Licence for Emergency Transmitters
138 - 144 MHz	FIXED MOBILE Space research (space-to-Earth)	MOBILE Broadcasting	Band III Chn 5A 137 - 144 TV 3	New frequency Band plan for fixed base and land mobile
144-146 MHz	AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE		Guide for visiting Amateur Radio Operators
146-148 MHz	AMATEUR FIXED MOBILE			
148.000-156MHz	FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 5.209 5.218 5.219	FIXED MOBILE	Land Mobile "EN" Band extensive nationwide use	

156.7625-156.8375 MHz	MARITIME MOBILE (distress and calling) 5.111 5.226	MARITIME MOBILE (distress and calling)		
156.8375-174 MHz	FIXED MOBILE 5.226	FIXED MOBILE 5.226		
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
158.0625-161.4875MHz	FIXED MOBILE	MOBILE	MS Band	
162.5875-174MHz	FIXED MOBILE 5.226	MOBILE	Land Mobile "EE" band Fixed "EE" band	
174-229.5 MHz	FIXED MOBILE BROADCASTING	BROADCASTING	VHF Television (Band III)	
230-251MHz	BROADCASTING	BROADCASTING	Additional vhf TV channels	

UHF Band (300-3000MHz)

Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
273-312 MHz	FIXED MOBILE 5.254	FIXED MOBILE		
312-315 MHz	FIXED MOBILE Mobile-satellite (Earth-to-space) 5.254 5.255			
315-322 MHz	FIXED MOBILE			

	5.254			
322-328.6 MHz	FIXED MOBILE RADIO ASTRONOMY 5.149			
328.6-335.4 MHz	AERONAUTICAL RADIONAVIGATION 5.258			
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
335.4-387 MHz	FIXED MOBILE 5.254	FIXED MOBILE		
387-390 MHz	FIXED MOBILE Mobile-satellite (space-to-Earth) 5.208A 5.254 5.255			
390-399.9 MHz	FIXED MOBILE 5.254			
399.9-400.05 MHz	MOBILE-SATELLITE (Earth-to-space) 5.209 5.224A RADIONAVIGATION-SATELLITE 5.222 5.224B 5.260 5.220			
400.05-400.15 MHz	STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE (400.1 MHz) 5.261			
400.15-401 MHz	METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.208A 5.209 SPACE RESEARCH (space-to-Earth) 5.263 Space operation (space-to-Earth)	METEOROLOGICAL		

	5.264			
401-402 MHz	METEOROLOGICAL AIDS SPACE OPERATION (space-to-Earth) EARTH EXPLORATIONSATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile			
402-403 MHz	METEOROLOGICAL AIDS EARTH EXPLORATIONSATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile			
403-406 MHz	METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile			
406.1-410 MHz	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149	FIXED MOBILE	Analog Land Mobile Trunked dispatch "TD" Band Mobile Transmit 406.1-410 MHz Planned to become TD Mobile Transmit 410-412 MHz.Planned for TD Simplex and simplex fixed services412-414 MHz	RFS37: Studio to Transmitter Linking System
410-420 MHz	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-tospace) 5.268			
420-430 MHz	FIXED MOBILE except aeronautical mobile Radiolocation	FIXED MOBILE except aeronautical mobile		Discussion document Replanning the band 406.1-449 MHz POLDOC Spectrum Band Plan 003: 400 - 450 MHz Band Plan
430-432 MHz	RADIOLOCATION Amateur	RADIOLOCATION Amateur		

Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
432-438 MHz	RADIOLOCATION Amateur Earth exploration-satellite (active) 5.279A 5.282			
440-450 MHz	FIXED MOBILE except aeronautical mobile Radiolocation 5.286	FIXED MOBILE except aeronautical mobile Radiolocation	Fixed "JL" band, providing migration spectrum for I band links. STLs accommodated in 444 - 445 MHz	POLDOC Spectrum Band Plan 003: 400 - 450 MHz Band Plan
450 - 458.3375MHz z	FIXED MOBILE 5.209 5.286 5.286A		C Band Plan 455.312255 - 458.3375: MHz Land Mobile "C" Band base Transmit	VHF and UHF Mobile Service bands RFS: VHF/UHF Land Mobile Service (25 kHz channelling) RFS: VHF/UHF Land Mobile Service (12.5 kHz channelling) Licensing of Land Mobile Services

Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
459-460 MHz	FIXED MOBILE 5.209 5.286A	FIXED	Band D 458.6625 - 460.0125 MHz Fixed “JB” and “JNB” Band Beta Transmit (53 x 25 kHz two frequency channels interleaved with 108 x 12.5 kHz two frequency channels). 460.025 - 461.425 MHz Fixed “JD” Band Alpha Transmit (28 x 50 kHz Channels) 461.425 - 461.475 MHz Fixed “JE” Band (1 x 50 kHz single frequency channel)	Fixed Service Bands VHF and UHF Mobile Service bands RFS: VHF/UHF Land Mobile Service (25 kHz channelling) RFS: VHF/UHF Land Mobile Service (12.5 kHz channelling)
458.3375-470 MHz	FIXED MOBILE Meteorological-Satellite (space-to-Earth) 5.287 5.289			
470 - 890 MHz	FIXED MOBILE BROADCASTING	BROADCASTING	Fixed “KK” Band 806-857mhz Band V UHF TV sound and video Reserve for Digital TV 710-740.75 822-852.75 Personal radio service band 476MHz-477.4MHz	
		FIXED MOBILE	870.015 - 890 MHz AMPS / DAMPS Cellular Band	

Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
890-942 MHz	FIXED MOBILE BROADCASTING Radiolocation	FIXED MOBILE	890 - 915 MHz GSM Cellular Band Mobile TX	
			915 - 935 MHz Fixed "K" Band - Studio Transmitter Links New allocation to Aiga Fesilafai Radio	
942-960 MHz	FIXED MOBILE BROADCASTING	FIXED MOBILE	935 - 960 MHz GSM Cellular Band Base TX	
960-1 164 MHz	AERONAUTICAL RADIONAVIGATION 5.328			
1 164-1 215 MHz	AERONAUTICAL RADIONAVIGATION 5.328 RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) 5.328B 5.328A			
1 215-1 240 MHz	EARTH EXPLORATIONSATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) 5.328B 5.329 5.329A SPACE RESEARCH (active) 5.332			
1 240-1 300 MHz	EARTH EXPLORATIONSATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) 5.328B 5.329 5.329A			

	SPACE RESEARCH (active) Amateur 5.282 5.332 5.335A			
1 300-1 350 MHz	AERONAUTICAL RADIONAVIGATION 5.337 Radiolocation 5.149 5.337A			
1 350-1 400 MHz	RADIOLOCATION 5.149 5.339 5.339A			
1 400-1 427 MHz	EARTH EXPLORATIONSATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341			
1 427-1 429 MHz	SPACE OPERATION (Earth-tospace) FIXED MOBILE except aeronautical mobile 5.341	FIXED	1427-1429.5 MHz Fixed "LL" Band for narrow band high efficiency digital fixed links , alpha transmit 1429-1461.5 MHz Fixed "L" Band point to point linking Alpha Transmit	
1 429-1 452 MHz	FIXED MOBILE 5.341 5.343 5.339A			
1 452-1 492 MHz	FIXED MOBILE BROADCASTING 5.345 BROADCASTING SATELLITE 5.345 5.347A 5.341	FIXED	Fixed "L" Band point to point linking Alpha Transmit (continued)	
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
1 492-1 518	FIXED	FIXED	Fixed "L" Band	

MHz	MOBILE 5.341		Beta Transmit	
1 518-1 525 MHz	FIXED MOBILE MOBILE SATELLITE (space to Earth) 5.348 5.348A 5.348B 5.348C 5.341	FIXED		
1 525-1 530 MHz	SPACE OPERATION (space-to- Earth) FIXED MOBILE-SATELLITE (space-to- Earth) 5.347A 5.351A Earth exploration-satellite Mobile 5.341 5.351 5.354	MOBILE-SATELLITE (space-to-Earth)		
1 530-1 535 MHz	SPACE OPERATION (space-to- Earth) MOBILE-SATELLITE (space-to- Earth)) 5.347A 5.351A 5.353A Earth exploration-satellite Fixed Mobile 5.341 5.351 5.354	MOBILE-SATELLITE (space-to- Earth)		
1 535-1 559 MHz	MOBILE-SATELLITE (space-to- Earth) 5.347A 5.351A 5.341 5.351 5.353A 5.354 5.356 5.357 5.357A			
1 559-1 610 MHz	AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space to space) 5.328B 5.329A 5.341			
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
1 610-1 610.6 MHz	MOBILE – SATELLITE (Earth-to- Space) 5.351A			

	AERONAUTICAL RADIONAVIGATION Radiodetermination-satellite (Earth to-Space) 5.341 5.364 5.366 5.367 5.368 5.372			
1 610.6-1 613.8 MHz	MOBILE-SATELLITE (Earth-To-Space) RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION Radiodetermination-satellite (Earthto-Space) 5.149 5.341 5.364 5.366 5.367 5.368			
1 613.8-1 626.5 MHz	MOBILE-SATELLITE (Earth-to-Space) 5.351A AERONAUTICAL RADIONAVIGATION Mobile-Satellite (Space-to-Earth) Radiodetermination-satellite (Earthto-Space) 5.341 5.364 5.365 5.366 5.367 5.368 5.372			
1 626.5-1 660 MHz	MOBILE-SATELLITE (Earth-to-Space) 5.351A 5.341 5.351 5.353A 5.354 5.357A 5.374 5.375 5.376			
1 660-1 660.5 MHz	MOBILE-SATELLITE (Earth-tospace) 5.351A RADIO ASTRONOMY 5.149 5.341 5.379 5.379A			
1 660.5-1 668 MHz	RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile 5.149 5.341 5.379A			
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
1 668-1 668.4 GHz	MOBILE-SATELLITE (Earth-tospace) 5.348C 5.379B 5.379C RADIO ASTRONOMY			

	SPACE RESEARCH (Passive) Fixed Mobile except aeronautical mobile 5.149 5.341 5.379 5.379A 5.379D			
1 668.4-1 670 MHz	METEOROLOGICAL AIDS FIXED MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-tospace) 5.348C 5.379B 5.379C RADIO ASTRONOMY 5.149 5.341 5.379D 5.379E			
1 670-1 675 MHz	METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE 5.380 MOBILE-SATELLITE (Earth-tospace) 5.348C 5.379B 5.341 5.379D 5.379E 5.380A			
1 675-1 690 MHz	METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.341			
1 690 - 1 700 MHz	METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) 5.289 5.341			
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
1 700-1 710 MHz	FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.289 5.341			

1 710-1 930 MHz	FIXED MOBILE 5.380 5.384A 5.388A 5.149 5.341 5.385 5.388			
1 930-1 970 MHz	FIXED MOBILE 5.388A 5.388	FIXED MOBILE		
1 970-1 980 MHz	FIXED MOBILE 5.388A 5.388	FIXED MOBILE		
1 980-2 010 MHz	FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 5.351A 5.388 5.389A 5.389B S5.389F	FIXED MOBILE		
2010-2 025 MHz	FIXED MOBILE 5.388A 5.388	FIXED MOBILE		
2 025-2 110 MHz	SPACE OPERATION (Earth-to-space) (space-to-space) EARTH EXPLORATIONSATELLITE (Earth-to-space) (space-to-space) FIXED MOBILE 5.391 SPACE RESEARCH (Earth-to-space) (space-to-space) 5.392	FIXED MOBILE		
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
2 110-2 120 MHz	FIXED MOBILE 5.388A SPACE RESEARCH (deep space) (Earth-to-space) 5.388	FIXED MOBILE		
2 120-2 160 MHz	FIXED MOBILE 5.388A	FIXED MOBILE		

	5.388			
2 160-2 170 MHz	FIXED MOBILE 5.388A 5.388	FIXED MOBILE		
2 170-2 200 MHz	FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 5.351A 5.388 5.389A	FIXED MOBILE		
2 200-2 290 MHz	SPACE OPERATION (space-to-Earth) (space-to-space) EARTH EXPLORATIONSATELLITE (space-to-Earth) (space-to-space) FIXED MOBILE 5.391 SPACE RESEARCH (space-to-Earth) (space-to-space) 5.392	FIXED MOBILE		
2 290-2 300 MHz	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space-to-Earth)			
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
2 300-2 450 MHz	FIXED MOBILE RADIOLOCATION Amateur 5.150 5.282 5.396	FIXED MOBILE Amateur	2300 - 2400MHz Broadband Wireless 2400 - 2450MHz Amateur	
2 450-2 483.5 MHz	FIXED MOBILE RADIOLOCATION	FIXED MOBILE		

	5.150			
2 483.5-2 500 MHz	FIXED MOBILE MOBILE-SATELLITE (Space-to-Earth) RADIOLOCATION Radiodetermination-satellite (space to-Earth) 5.398 5.150 5.402	FIXED MOBILE		
2 500-2 520 MHz	FIXED 5.409 5.411 FIXED-SATELLITE (space-to-Earth) 5.415 MOBILE except aeronautical mobile 5.384A MOBILE-SATELLITE (space-to-Earth) 5.351A 5.403 5.404 5.407 5.414 5.415A		<i>The band 2500 to 2690 MHz is reserved in Samoa for 4th Generation cellular mobile services. No new frequency assignments will be made in this band.(WiMAX)</i>	
2 520-2 535 MHz	FIXED S5.409 S5.411 FIXED-SATELLITE (space-to-Earth) S5.415 MOBILE except aeronautical mobile S5.384A BROADCASTING-SATELLITE S5.413 S5.416 S5.403 S5.415A	FIXED		
2 535-2 655 MHz	FIXED S5.409 S5.411 MOBILE except aeronautical mobile S5.384A BROADCASTING-SATELLITE S5.413 S5.416 S5.339 S5.418 S5.418A S5.418B S5.418C	FIXED Broadcasting	2500 - 2690 MHz "O" Band Itinerant fixed link for Television outside broadcast operations (Worship Centre)	
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
2 655-2 670 MHz	FIXED S5.409 S5.411 FIXED-SATELLITE (Earth-to-space) S5.415 MOBILE except aeronautical mobile S5.384A BROADCASTING-SATELLITE S5.413 S5.416 Earth Exploration-Satellite (passive) Radio Astronomy Space Research (passive)	FIXED	Spectrum identified for possible expansion of 4th Generation Cellular services.	

	S5.149 S5.420			
2 670-2 690 MHz	FIXED S5.409 S5.411 FIXED-SATELLITE (Earth-to-space) S5.415 MOBILE except aeronautical mobile S5.384A MOBILE-SATELLITE (Earth-to-space) Earth Exploration-Satellite (passive) Radio Astronomy Space Research (passive) S5.149 S5.419 S5.420 S5.420A	FIXED		
2 690-2 700 MHz	EARTH EXPLORATIONSATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340			
2 700-2 900 MHz	AERONAUTICAL RADIONAVIGATION 5.337 Radiolocation 5.423	AERONAUTICAL RADIONAVIGATION	2700-2900 Fixed "OX" band Itinerant fixed linking for Television outside broadcast operations PIB 37 Linking for Television Outside broadcast	
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
2 900-3 100 MHz	RADIOLOCATION 5.424A RADIONAVIGATION 5.426 5.425 5.427	RADIONAVIGATION RADIOLOCATION		
3 100-3 300 MHz	RADIOLOCATION Earth exploration-satellite (active) Space research (active)	RADIOLOCATION		
3 300-3 400 MHz	RADIOLOCATION Amateur	Amateur		

	5.149			
3 400-3 500 MHz	FIXED FIXED-SATELLITE (space-to-Earth) Amateur Mobile Radiolocation 5.433 5.282		3400 - 3800MHz Reserved for Wireless Broadband Spectrum	Wireless Broadband Spectrum in Samoa
3 500-3 700 MHz	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile Radiolocation 5.433	FIXED-SATELLITE Space-to-Earth)	3600 - 4200 MHz Fixed 'P' band - usage must be co- ordinated with C' band Satellite services.	
3 700-4 200 MHz	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	FIXED FIXED-SATELLITE (space-to- Earth)		
4 200-4 400 MHz	AERONAUTICAL RADIONAVIGATION 5.438 5.440	AERONAUTICAL RADIONAVIGATION		
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
4 400-4 500 MHz	FIXED MOBILE	FIXED		
4 500-4 800 MHz	FIXED FIXED-SATELLITE (space-to-Earth) 5.441 MOBILE			
4 800-4 990 MHz	FIXED MOBILE 5.442			

	Radio astronomy 5.149 5.339			
4 990-5 000 MHz	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY Space research (passive) 5.149			
5 000-5 010 MHz	AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth-to-space) 5.367			
5 010-5 030 MHz	AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth-to-space) (space-to-space) 5.328B 5.443B 5.367			
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
5 030-5 150 MHz	AERONAUTICAL RADIONAVIGATION 5.367 5.444 5.444A			
5 150-5 250 MHz	AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE (Earth-to-space) 5.447A MOBILE except aeronautical mobile 5.446A 5.446B 5.446 5.447B 5.447C	AERONAUTICAL RADIO NAVIGATION MOBILE except aeronautical mobile		

5 250-5 255 MHz	EARTH EXPLORATIONSATELLITE (active) RADIOLOCATION SPACE RESEARCH 5.447D MOBILE except aeronautical mobile 5.446A 5.447F 5.448A			
5 255- 5 350 MHz	EARTH EXPLORATIONSATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) MOBILE except aeronautical mobile 5.446A 5.447F 5.448A			
5 350-5 460 MHz	EARTH EXPLORATIONSATELLITE (active) 5.448B SPACE RESEARCH (active) 5.448C AERONAUTICAL RADIONAVIGATION 5.449 RADIOLOCATION 5.448D	AERONAUTICAL RADIO NAVIGATION		
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
5 460-5 470 MHz	RADIONAVIGATION 5.449 EARTH EXPLORATIONSATELLITE (active) SPACE RESEARCH (active) RADIOLOCATION 5.448D 5.448B			
5 470-5 570 MHz	MARITIME RADIONAVIGATION MOBILE except aeronautical mobile 5.446A 5.450A EARTH EXPLORATIONSATELLITE (active) SPACE RESEARCH (active)	MARITIME RADIO NAVIGATION Radiolocation		

	RADIOLOCATION 5.450B 5.448B 5.452			
5 570-5 650 MHz	MARITIME RADIONAVIGATION MOBILE except aeronautical mobile 5.446A 5.450A RADIOLOCATION 5.450B 5.452	Radiolocation		
5 650-5 725 MHz	RADIOLOCATION MOBILE except aeronautical mobile 5.446A 5.450A Amateur Space research (deep space) 5.282	RADIOLOCATION Amateur		
5 725-5 830 MHz	RADIOLOCATION Amateur 5.150	Amateur		
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
5 830-5 850 MHz	RADIOLOCATION Amateur Amateur-satellite (space-to-Earth) 5.150			
5 850-5 925 MHz	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Radiolocation 5.150			
5 925-6 700 MHz	FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B MOBILE	FIXED FIXED-SATELLITE (Earth-to space)	5925 - 6420 MHz Fixed "R" band 5925 - 6700 MHz Fixed Satellite	

	5.149 5.440 5.458		Service "C" band uplinks (INMARSAT) 6420 - 7100 MHz Fixed "T" band	
6 700-7 075 MHz	FIXED FIXED-SATELLITE (Earth-to-space) (space-to-Earth) 5.441 MOBILE 5.458 5.458A 5.458B 5.458C			
7 075-7 250 MHz	FIXED MOBILE 5.458 5.458 5.459 5.460	FIXED		
7250-7300 MHz	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE S5.461	FIXED		
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
7300-7450 MHz	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile S5.461	FIXED	Band utilised for point to point linking and itinerant TV outside broadcasting.	
7450-7550 MHz	FIXED FIXED-SATELLITE (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to- Earth) MOBILE except aeronautical mobile S5.461A	FIXED		
7750-7850 MHz	FIXED MOBILE except aeronautical mobile METEOROLOGICAL-SATELLITE (space-to-	FIXED	7730 - 8290 MHz Fixed "W" Band for point to point	

	earth) S5.461B		linking	
7 850-7 900 MHz	FIXED MOBILE except aeronautical mobile			
7 900-8 025 MHz	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.461			
8 175-8 215 MHz	EARTH EXPLORATIONSATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) MOBILE 5.463 5.462A			
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
8 215-8 400 MHz	EARTH EXPLORATIONSATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.463 5.462A	FIXED	8290 - 8500 MHz Fixed "Y" band utilised for point to point linking	
8 400-8 500 MHz	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (Space-to-Earth)5.465	FIXED	8290 - 8500 MHz Fixed "Y" band utilised for point to point linking	
8 500-8 550 MHz	RADIOLOCATION	RADIOLOCATION		
8 550-8 650	EARTH EXPLORATIONSATELLITE			

MHz	(active) RADIOLOCATION SPACE RESEARCH (active) 5.469A			
10-10.45 GHz	FIXED MOBILE RADIOLOCATION Amateur 5.479	RADIOLOCATION Amateur		
10.5-10.55 GHz	FIXED MOBILE RADIOLOCATION	FIXED		
10.55-10.6 GHz	FIXED MOBILE except aeronautical mobile Radiolocation	FIXED	Fixed "H" Band used for point to point linking	
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
10.6-10.68 GHz	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) Radiolocation 5.149 5.482	FIXED	Fixed "Z" Band used for point to point linking	
10.68-10.7 GHz	EARTH EXPLORATIONSATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340			
10.7-11.7 GHz	FIXED FIXED-SATELLITE	FIXED		

	(space-to-Earth) 5.441 5.484A MOBILE except aeronautical mobile			
11.7-12.2 GHz	FIXED MOBILE except aeronautical mobile BROADCASTING BROADCASTING-SATELLITE 5.487 5.487A 5.492	BROADCASTING SATELLITE		
12.2-12.5 GHz	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile BROADCASTING 5.484A 5.487			
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
12.5-12.75 GHz	FIXED FIXED-SATELLITE (space-to-Earth) 5.484A MOBILE except aeronautical mobile BROADCASTING-SATELLITE 5.493	BROADCASTING SATELLITE FIXED-SATELLITE (space-to- Earth)		
12.75-13.25 GHz	FIXED FIXED-SATELLITE (Earth-to-space) 5.441 MOBILE Space research (deep space) (space-to-Earth)	FIXED	Fixed "X" Band point to point linking including inter- cell site linking	

13.25-13.4 GHz	EARTH EXPLORATIONSATELLITE (active) AERONAUTICAL RADIONAVIGATION 5.497 SPACE RESEARCH (active) 5.498A			
13.4-13.75 GHz	EARTH EXPLORATIONSATELLITE (active) RADIOLOCATION SPACE RESEARCH 5.501A Standard frequency and time signal satellite (Earth-to-space) 5.501B			
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
14.4 – 14.7 GHz	FIXED FIXED SATELLITE (Earth to space) 5.457A 5.457B 5.484A 5.506 5.506B MOBILE except aeronautical mobile Mobile satellite (earth to space) 5.506A 5.509A Space Research (space to earth) 5.504A	FIXED-SATELLITE (Earth-tospace) (Continued)		
14.47 – 14.5 GHz	FIXED FIXED SATELLITE (Earth to space) 5.457A 5.457B 5.484A 5.506 5.506B MOBILE except aeronautical mobile Mobile satellite (earth to space) 5.504B 5.506A 5.509A			
	Radio Astronomy			

	5.149 5.504A			
14.5 – 14.8 GHz	FIXED FIXED SATELLITE (Earth to space) 5.10 MOBILE Space Research	FIXED	Fixed “G” Band for point to point linking	
14.8 – 15.35 GHz	FIXED MOBILE Space Research 5.229	FIXED		
17.7-18.1 GHz	FIXED FIXED-SATELLITE (space-to-Earth) 5.484A 5.516B (Earth-to-space) 5.520 MOBILE 5.519 5.521	FIXED	17.7-19.7 GHz Fixed “18G” Band used for point to point linking, especially for inter cell site linking	
18.6-18.8 GHz	EARTH EXPLORATION-SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) 5.522B MOBILE except aeronautical mobile Space research (passive) 5.522A	FIXED	Fixed "18G" Band used for point to point linking especially for inter cell site linking	
18.8-19.3 GHz	FIXED FIXED-SATELLITE (space-to-Earth) 5.516B 5.523A MOBILE	FIXED FIXED-SATELLITE (space-to-Earth)		
19.3-19.7 GHz	FIXED FIXED-SATELLITE (Space-to-Earth) (Earth-to-Space) 5.523B 5.523C 5.523D 5.523E MOBILE	FIXED		

19.7-20.1 GHz	FIXED-SATELLITE (space-to-Earth) 5.484A 5.516B Mobile-satellite (space-to-Earth)	FIXED-SATELLITE (space-to- Earth)		
20.1-20.2 GHz	FIXED-SATELLITE (space-to-Earth) 5.484A 5.516B			
	MOBILE-SATELLITE (space-to- Earth) 5.525 5.526 5.527 5.528			
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
20.2-21.2 GHz	FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to- Earth) Standard frequency and time signalsatellite (space-to-Earth)			
21.2-21.4 GHz	EARTH EXPLORATIONSATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)	FIXED	21.2-23.6 GHz Fixed “23G” Band used for point to point linking	
21.4-22.0 GHz	FIXED MOBILE BROADCASTING-SATELLITE 5.347A 5.30 5.531			
22.0 -22.21 GHz	FIXED MOBILE except aeronautical mobile 5.149			
22.21-22.5 GHz	EARTH EXPLORATION-SATELLITE (passive)			

	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) 5.149 5.532			
22.5-22.55 GHz	FIXED MOBILE			
22.55-23.55 GHz	FIXED INTER-SATELLITE MOBILE 5.149			
23.55-23.6 GHz	FIXED MOBILE			
23.6-24 GHz	EARTH EXPLORATIONSATELLITE (passive) RADIO ASTRONOMY			
	SPACE RESEARCH (passive) 5.340			
24-24.05 GHz	AMATEUR AMATEUR-SATELLITE 5.150	AMATEUR AMATEUR- SATELLITE	Amateur usage SRD, spread spectrum devices and ISM usage	
24.05-24.25 GHz	RADIOLOCATION Amateur Earth exploration-satellite (active) 5.150	RADIOLOCATION Amateur	Amateur usage (including beacons) 24.0-24.25 GHz SRD unrestricted usage and ISM usage	
24.25-24.45 GHz	RADIONAVIGATION FIXED MOBILE	RADIONAVIGATION FIXED MOBILE		

24.45-24.65 GHz	FIXED INTER-SATELLITE MOBILE RADIONAVIGATION 5.533			
24.65-24.75 GHz	FIXED INTER-SATELLITE MOBILE 5.533	FIXED MOBILE		
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
24.75-25.25 GHz	FIXED FIXED-SATELLITE (Earth-to-space) 5.535 MOBILE			
25.25-25.5 GHz	FIXED INTER-SATELLITE 5.536 MOBILE Standard frequency and time signalsatellite (Earth-to-space)			
37-39.5 GHz	FIXED MOBILE SPACE RESEARCH (space-to-Earth) 5.547	FIXED	Fixed “38G” Band 37.058 - 38.178 GHz Alpha Transmit 38.248 - 39.438 GHz Beta Transmit Extensive use for inter cell site linking	
39.5-40 GHz	FIXED			

	FIXED-SATELLITE (space-to-Earth) 5.516B MOBILE MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite (space-to-Earth) 5.547			
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
40-40.5 GHz	EARTH EXPLORATIONSATELLITE (Earth-to-space) FIXED FIXED-SATELLITE (space-to-Earth) 5.516B MOBILE MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (Earth-to-space) SPACE RESEARCH (Earth-to-space) Earth exploration-satellite (space-to- Earth)			
40.5-41 GHz	FIXED FIXED-SATELLITE (space-to-Earth) BROADCASTING BROADCASTING-SATELLITE Mobile 5.547			
41-42.5 GHz	FIXED FIXED-SATELLITE (space to Earth) 5.516B BROADCASTING			

	BROADCASTING-SATELLITE Mobile 5.547 5.551H 5.551I			
42.5-43.5 GHz	FIXED FIXED-SATELLITE (Earth-to-space) 5.552 MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149 5.547			
Frequency Range	ITU Allocation for Region 3	Samoa Allocation	Summary	Reference
50.4-51.4 GHz	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Mobile-satellite (Earth-to-space)	FIXED	50.5-51.15 GHz Fixed "50G" Band	
51.4-52.6 GHz	FIXED MOBILE 5.547 5.556			
57-58.2 GHz	EARTH EXPLORATIONSATELLITE (passive) FIXED 5.557A INTER-SATELLITE.5.556A MOBILE 5.558 SPACE RESEARCH (passive) 5.547			