

TANZANIA COMMUNICATIONS REGULATORY AUTHORITY

RADIO FREQUENCY BAND PLAN FOR SATELLITE SERVICES

First Version

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RADIO FREQUENCY BAND PLAN FOR SATELLITE SERVICES

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Acronyms and Abbreviations

For the purpose of this document, the following abbreviation applies: -

ITU	International Telecommunication Union
GSO	Geostationary Satellite Orbit
LEO	Low Earth Orbit
MEO	Medium Earth Orbit
HEO	High Elliptical Orbit
NFAT	National Frequency Allocation Table
TCRA	Tanzania Communications Regulatory Authority

Definition of Terms

Aeronautical Mobile Satellite	A mobile-satellite service in which mobile earth stations are located on		
	board aircraft; survival craft stations and emergency position-indicating		
	radiobeacon stations may also participate in this service.		
Amateur Satellite Services	A radiocommunication service using space stations on earth satellites		
	for the same purposes as those of the amateur service		
Broadcasting Satellite	A radiocommunication service in which signals transmitted or		
Service	retransmitted by space stations are intended for direct reception by the		
	general public		
Earth Exploration Satellite	A radiocommunication service between earth stations and one or more		
Editif Exploration Catolite	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 airborne or Earth-based 		
	platforms;		
	 such information may be distributed to earth stations within the 		
	<u> </u>		
	system concerned;		
Fixed Catallite Comises	> platform interrogation may be included.		
Fixed Satellite Services	A radiocommunication service between earth stations at given positions,		
	when one or more satellites are used; the given position may be a		
	specified fixed point or any fixed point within specified areas; in some		
	cases, this service includes satellite-to-satellite links, which may also be		
	operated in the inter-satellite service; the fixed-satellite service may also		
	include feeder links for other space radiocommunication services.		
Inter-Satellite Service	A radiocommunication service providing links between artificial		
	satellites.		
Mobile Satellite Services	A radiocommunication 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.		
Maritime Mobile Satellite	A mobile-satellite service in which mobile earth stations are located on		
	board ships; survival craft stations and emergency position-indicating		
	radiobeacon stations may also participate in this service.		
Meteorological Satellite	An earth exploration-satellite service for meteorological purposes.		

Radio Determination Satellite	A radiocommunication service for the purpose of radiodetermination	
	involving the use of one or more space stations.	
Radio Navigation Satellite	A radiodetermination-satellite service used for the purpose of	
	radionavigation.	
Space Research	A radiocommunication service in which spacecraft or other objects in	
	space are used for scientific or technological research purposes.	
Standard Frequency And	A radiocommunication service using space stations on earth satellites	
Time Signal Satellite	for the same purposes as those of the standard frequency and time	
	signal service.	

PART 1: Introduction

A satellite is an object in outer space that revolve around another object. A satellite can be

natural or artificial. Example of natural satellites are Earth and Moon. A moon is a satellite

because it revolves around earth and earth is a satellite because it revolves around the sun.

Artificial satellites are manmade and are intentionally launched into space. There are

thousands of artificial, or man-made, satellites orbit Earth. In this document the word satellite

will refer to artificial satellite.

Satellite can be classified in terms of their orbits i.e. whether they use Geostationary Satellite

Orbit (GSO satellite) or not i.e. Non-GSO (Low Earth Orbit (LEO), Medium Earth Orbit

(MEO), High Elliptical Orbit (HEO). Can also be classified in terms of their services example

radionavigation satellite, fixed satellite, broadcasting satellite, earth exploration satellite,

research, amateur satellite, mobile satellite e.t.c.

Regardless of their type and position, they all need radio frequency spectrum and a position

or slot in the orbit to operate. Different radio frequency bands are allocated for provision of

various satellite services. Satellite bands are categorized as L-band (1-2 GHz), S-Band (2-

4 GHz), C-Band (4-8 GHz), X-Band (8-12 GHz), Ku-Band (12-18 GHz), K-Band (18-26

GHz), Ka-band (26-40 GHz), Q/V-Band (37.5 - 51.4 GHz).

The radio frequency spectrum is part of electromagnetic waves propagated in space and

used as a communication medium for all wireless systems. The radio frequency spectrum

is a valuable, scarce public resource and thus subject to transparent, predictable and

coherent governing policies, legislations and regulations. It requires proper and timely

management in order to accommodate the current and future emerging technologies.

The access and use of these bands by various services is coordinated by the International

Telecommunication Union (ITU). ITU has established a procedure where a company that

need to have access to these frequencies must follow. TCRA ensures protection of service

using these bands

The Tanzania Communications Regulatory Authority (TCRA) Act of 2003, and Electronic

and Postal Communications Act of 2010, mandate TCRA to manage, assign and promote

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the efficient use of the radio frequency spectrum resource in the United Republic of Tanzania. Radio frequency band plan is one means which is being used by TCRA to manage the scarce resource

The radio frequency band plan is in line with the National Frequency Allocation Table (NFAT), frequency allocation under International Telecommunication Union (ITU) region 1 and most adopted frequency channelization plan as a results of harmonising the spectrum. This plan is complemented by ITU-R Recommendations and Radio Regulations.

PART 2: Scope and Purpose

This document provides radio frequency spectrum plan for operations of Satellite Services in the United Republic of Tanzania. Its purpose is to provide information to operators and other stakeholders on radio frequency spectrum allocated for provision of satellite services in the United Republic of Tanzania.

PART 3: ITU Radio Regulation

Article One (1) and Article Five (5) of ITU Radio Regulations Edition of 2020

PART 4: Band Plan for different satellite services

4.1 FIXED SATELLITE

S/N	Frequency Bands	Primary/Secondary
1.	3600 - 4200 MHz	Primary
2.	4500 - 4800 MHz	Primary
3.	5091 - 5150 MHz	Primary
4.	5150 - 5250 MHz	Primary
5.	5725 - 5830 MHz	Primary
6.	5830 - 5850 MHz	Primary
7.	5850 - 5925 MHz	Primary
8.	5925 - 6700 MHz	Primary
9.	6700 - 7075 MHz	Primary
10.	7250 - 7300 MHz	Primary

S/N	Frequency Bands	Primary/Secondary
11.	7300 - 7375 MHz	Primary
12.	7375 - 7450 MHz	Primary
13.	7450 - 7550 MHz	Primary
14.	7550 - 7750 MHz	Primary
15.	7900 - 8025 MHz	Primary
16.	8025 - 8175 MHz	Primary
17.	8175 - 8215 MHz	Primary
18.	8215 - 8400 MHz	Primary
19.	10.7 - 10.95 GHz	Primary
20.	10.95 - 11.2 GHz	Primary
21.	11.2 - 11.45 GHz	Primary
22.	11.45 - 11.7 GHz	Primary
23.	12.5 - 12.75 GHz	Primary
24.	12.75 - 13.25 GHz	Primary
25.	13.4 - 13.65 GHz	Primary
26.	13.75 - 14 GHz	Primary
27.	14 - 14.25 GHz	Primary
28.	14.25 - 14.3 GHz	Primary
29.	14.3 - 14.4 GHz	Primary
30.	14.4 - 14.47 GHz	Primary
31.	14.47 - 14.5 GHz	Primary
32.	14.5 - 14.75 GHz	Primary
33.	14.75 - 14.8 GHz	Primary
34.	15.43 - 15.63 GHz	Primary
35.	17.3 - 17.7 GHz	Primary
36.	17.7 - 18.1 GHz	Primary
37.	18.1 - 18.4 GHz	Primary
38.	18.4 - 18.6 GHz	Primary
39.	18.6 - 18.8 GHz	Primary
40.	18.8 - 19.3 GHz	Primary

S/N	Frequency Bands	Primary/Secondary
41.	19.3 - 19.7GHz	Primary
42.	19.7 - 20.1 GHz	Primary
43.	20.1 - 20.2 GHz	Primary
44.	20.2 - 21.2 GHz	Primary
45.	24.65 - 24.75 GHz	Primary
46.	24.75 - 25.25 GHz	Primary
47.	27.5 - 28.5 GHz	Primary
48.	28.5 - 29.1 GHz	Primary
49.	29.1 - 29.5 GHz	Primary
50.	29.5 - 29.9 GHz	Primary
51.	29.9 - 30 GHz	Primary
52.	30 - 31GHz	Primary
53.	37.5 - 38 GHz	Primary
54.	38 - 39.5 GHz	Primary
55.	39.5 - 40 GHz	Primary
56.	40 - 40.5 GHz	Primary
57.	40.5 - 41 GHz	Primary
58.	41 - 42.5 GHz	Primary
59.	42.5 - 43.5 GHz	Primary
60.	47.2 - 47.5 GHz	Primary
61.	47.5 - 47.9 GHz	Primary
62.	47.9 - 48.2 GHz	Primary
63.	48.2 - 48.54 GHz	Primary
64.	48.54 - 49.44 GHz	Primary
65.	49.44 - 50.2 GHz	Primary
66.	50.4 - 51.4 GHz	Primary
67.	51.4 - 52.4 GHz	Primary
68.	71 - 74 GHz	Primary
69.	74 - 76 GHz	Primary
70.	81 - 84 GHz	Primary

S/N	Frequency Bands	Primary/Secondary
71.	84 - 86 GHz	Primary
72.	123 - 130 GHz	Primary
73.	158.5 - 164 GHz	Primary
74.	167 - 174.5 GHz	Primary
75.	209 - 217 GHz	Primary
76.	217 - 226 GHz	Primary
77.	232 - 235 GHz	Primary
78.	238 - 240 GHz	Primary
79.	265 - 275 GHz	Primary

4.2 BROADCASTING SATELLITE

S/N	Frequency Bands	Primary/Secondary
1.	11.7 - 12.5 GHz	Primary
2.	21.4 - 22 GHz	Primary
3.	40.5 - 41 GHz	Primary
4.	41 - 42.5 GHz	Primary
5.	74 - 76 GHz	Primary

4.3 MOBILE SATELLITE

S/N	Frequency Bands	Primary/Secondary
1.	137 - 137.025 MHz	Primary
2.	137.025 - 137.175 MHz	Secondary
3.	137.175 - 137.825 MHz	Primary
4.	137.825 - 138 MHz	Secondary
5.	148 - 149.9MHz	Primary
6.	149.9 - 150.05 MHz	Primary
7.	156.7625 - 156.7875 MHz	Secondary
8.	156.8125 – 156.8375	Secondary
9.	161.9625-161.9875 MHz	Secondary

S/N	Frequency Bands	Primary/Secondary
10.	162.0125 - 162.0375 MHz	Secondary
11.	312 - 315 MHz	Secondary
12.	387 - 390 MHz	Secondary
13.	399.9 - 400.05 MHz	Primary
14.	400.15 - 401MHz	Primary
15.	406 - 406.1 MHz	Primary
16.	1518 - 1525 MHz	Primary
17.	1525 - 1530 MHz	Primary
18.	1530 - 1535 MHz	Primary
19.	1535 - 1559 MHz	Primary
20.	1610 - 1610.6 MHz	Primary
21.	1610.6 - 1613.8 MHz	Primary
22.	1613.8 - 1621.35 MHz	Primary/Secondary
23.	1621.35 - 1626.5 MHz	Primary/Secondary
24.	1 626.5-1 660 MHz	Primary
25.	1 660 - 1 660.5 MHz	Primary
26.	1668 - 1668.4 MHz	Primary
27.	1668.4 - 1670 MHz	Primary
28.	1670 - 1675 MHz	Primary
29.	1980 - 2010 MHz	Primary
30.	2170 - 2200 MHz	Primary
31.	2483.5-2500 MHz	Primary
32.	14 - 14.25 GHz	Secondary
33.	14.25 - 14.3 GHz	Secondary
34.	14.3 - 14.4 GHz	Secondary
35.	14.4 - 14.47 GHz	Secondary
36.	14.47 - 14.5 GHz	Secondary
37.	19.7 - 20.1 GHz	Secondary
38.	20.1 - 20.2 GHz	Primary
39.	20.2 - 21.2 GHz	Primary

S/N	Frequency Bands	Primary/Secondary
40.	29.5 - 29.9 GHz	Secondary
41.	29.9 - 30 GHz	Primary
42.	30 - 31GHz	Primary
43.	39.5 - 40 GHz	Primary
44.	40 - 40.5 GHz	Primary
45.	43.5 - 47 GHz	Primary
46.	50.4 - 51.4 GHz	Secondary
47.	66 - 71 GHz	Primary
48.	71 - 74 GHz	Primary
49.	81 - 84 GHz	Primary
50.	123 - 130 GHz	Primary
51.	158.5 - 164 GHz	Primary
52.	191.8 - 200 GHz	Primary
53.	252 - 265 GHz	Primary

4.4 AERONAUTICAL MOBILE SATELLITE

S/N	Frequency Bands	Primary/Secondary
1.	5000 - 5010 MHz	Primary
2.	5010 - 5030 MHz	Primary
3.	5030 - 5091 MHz	Primary
4.	5091 - 5150 MHz	Primary

4.5 AMETEUR SATELLITE

S/N	Frequency Bands	Primary/Secondary
1.	7000 - 7100 kHz	Primary
2.	14000 - 14250 kHz	Primary
3.	18068 - 18168 kHz	Primary
4.	21000 - 21450 kHz	Primary
5.	24890 - 24990 kHz	Primary
6.	28 - 29.7 MHz	Primary

7.	144 - 146 MHz	Primary
8.	10.45 - 10.5 GHz	Secondary
9.	24 - 24.05 GHz	Primary
10.	47 - 47.2 GHz	Primary
11.	76 - 77.5 GHz	Secondary
12.	77.5 - 78 GHz	Primary
13.	78 - 79 GHz	Secondary
14.	79 - 81 GHz	Secondary
15.	134 - 136 GHz	Primary
16.	136 - 141 GHz	Secondary
17.	241 - 248 GHz	Secondary
18.	248 - 250 GHz	Primary

4.6 MARITIME MOBILE SATELLITE

S/N	Frequency Bands	Primary/Secondary
1.	157.1875 - 157.3375 MHz	Secondary
2.	161.7875 - 161.9375 MHz	Secondary
3.	161.9375-161.9625 MHz	Secondary
4.	161.9875-162.0125 MHz	Secondary
5.	1621.35 - 1626.5 MHz	Primary
6.	7375 - 7450 MHz	Primary
7.	7450 - 7550 MHz	Primary

4.7 METEOROLOGICAL SATELLITE

S/N	Frequency Bands	Primary/Secondary
1.	137 - 137.025 MHz	Primary
2.	137.025 - 137.175 MHz	Primary
3.	137.175 - 137.825 MHz	Primary
4.	137.825 - 138 MHz	Primary
5.	400.15 – 401MHz	Primary
6.	401 - 402 MHz	Primary

7.	402 - 403 MHz	Primary
8.	460 - 470 MHz	Secondary
9.	1670 - 1675 MHz	Primary
10.	1675 - 1690 MHz	Primary
11.	1690 - 1700 MHz	Primary
12.	1700 - 1710 MHz	Primary
13.	7450 - 7550 MHz	Primary
14.	7750 - 7900 MHz	Primary
15.	8175 - 8215 MHz	Primary

4.8 RADIO ASTRONOMY SPACE RESEARCH

S/N	Frequency Bands	Primary/Secondary
1	2670 - 2690 MHz	Secondary

4.9 RADIO DETERMINATION SATELLITE

S/N	Frequency Bands	Primary/Secondary
1	2483.5-2500 MHz	Primary

4.10 RADIO NAVIGATION SATELLITE

S/N	Frequency Bands	Primary/Secondary
1.	1164 - 1215 MHz	Primary
2.	1215 - 1240 MHz	Primary
3.	1240 - 1300 MHz	Primary
4.	1300 - 1350 MHz	Primary
5.	1559 - 1610 MHz	Primary
6.	5000 - 5010 MHz	Primary
7.	5010 - 5030 MHz	Primary
8.	14.3 - 14.4 GHz	Secondary
9.	43.5 - 47 GHz	Primary
10.	66 - 71 GHz	Primary

11.	95 - 100 GHz	Primary
12.	123 - 130 GHz	Primary
13.	191.8 - 200 GHz	Primary
14.	238 - 240 GHz	Primary
15.	252 - 265 GHz	Primary

4.11 INTER-SATELLITE

S/N	Frequency Bands	Primary/Secondary
1.	18.4-18.6 GHz	Primary
2.	18.9-20.2	Primary
3.	22.55 - 23.15 GHz	Primary
4.	23.15 - 23.55 GHz	Primary
5.	24.45 - 24.65 GHz	Primary
6.	24.65 - 24.75 GHz	Primary
7.	25.25 - 30 GHz	Primary
8.	32.3 - 33 GHz	Primary
9.	54.25 - 55.78 GHz	Primary
10.	55.78 - 56.9 GHz	Primary
11.	56.9 - 57 GHz	Primary
12.	57 - 58.2 GHz	Primary
13.	59 - 59.3 GHz	Primary
14.	59.3 - 64 GHz	Primary
15.	64 - 65 GHz	Primary
16.	65 - 66 GHz	Primary
17.	66 - 71 GHz	Primary
18.	116 - 119.98 GHz	Primary
19.	119.98 - 122.25 GHz	Primary
20.	122.25 - 123 GHz	Primary
21.	130 - 134 GHz	Primary
22.	167 - 174.5 GHz	Primary
23.	174.5 - 174.8 GHz	Primary

24.	174.8 - 182 GHz	Primary
25.	185 - 190 GHz	Primary
26.	191.8 - 200 GHz	Primary

4.12 SPACE OPERATIONS

S/N	Frequency Bands	Primary/Secondary
1.	30.005 - 30.01 MHz	Primary
2.	137 - 137.025 MHz	Primary
3.	137.025 - 137.175 MHz	Primary
4.	137.175 - 137.825 MHz	Primary
5.	137.825 - 138 MHz	Primary
6.	267 - 272 MHz	Secondary
7.	272 - 273 MHz	Primary
8.	400.15 - 401 MHz	Secondary
9.	401 - 402 MHz	Primary
10.	1525 - 1530 MHz	Primary
11.	1530 - 1535 MHz	Primary
12.	2025 - 2110 MHz	Primary
13.	2200 - 2290 MHz	Primary

4.13 SPACE RESEARCH

S/N	Frequency Bands	Primary/Secondary
1.	2501 – 2502 kHz	Secondary
2.	5003 – 50005 kHz	Secondary
3.	10003 – 10005 kHz	Secondary
4.	15005 - 15010 kHz	Secondary
5.	18052 - 18068 kHz	Secondary
6.	19990 – 19995kHz	Secondary
7.	25005 - 25010 kHz	Secondary
8.	30.005 - 30.01 MHz	Primary
9.	39.986 - 40.02 MHz	Secondary

Secondary	40.98 - 41.015 MHz	10.
Primary	137 - 137.025 MHz	11.
Primary	137.025 - 137.175 MHz	12.
Primary	137.175 - 137.825 MHz	13.
Primary	137.825 - 138 MHz	14.
Primary	143.6 - 143.65 MHz	15.
Primary	410 - 420 MHz	16.
Primary	1215 - 1240 MHz	17.
Primary	1240 - 1300 MHz	18.
Primary	1400 - 1427 MHz	19.
Primary	1660.5 - 1668 MHz	20.
Primary	1668 - 1668.4 MHz	21.
Primary	2025 - 2110 MHz	22.
Primary	2110 - 2120 MHz	23.
Primary	2200 - 2290 MHz	24.
Primary	2290 - 2300 MHz	25.
Secondary	2655 - 2670 MHz	26.
Secondary	2670 – 2690MHz	27.
Primary	2690 - 2700 MHz	28.
Secondary	3100 - 3300 MHz	29.
Secondary	4990 - 5000 MHz	30.
Primary	5250 - 5255 MHz	31.
Primary	5255 - 5350 MHz	32.
Primary	5350 - 5460 MHz	33.
Primary	5460 - 5470 MHz	34.
Primary	5470 - 5570 MHz	35.
Secondary	5650 - 5725 MHz	36.
Primary	7145 - 7190 MHz	37.
Primary	7190 - 7235 MHz	38.
Primary	8400 - 8500 MHz	39.
Primary	8550 - 8650 MHz	40.
Primary	9300 - 9500 MHz	41.

Primary	9500 - 9800 MHz	42.
Secondary	9800 - 9900 MHz	43.
Primary	10.6 - 10.68 GHz	44.
Primary	10.68 - 10.7 GHz	45.
Secondary	12.75 - 13.25 GHz	46.
Primary	13.25 - 13.4 GHz	47.
Primary	13.4 - 13.65 GHz	48.
Primary	13.65 - 13.75 GHz	49.
Secondary	13.75 - 14 GHz	50.
Secondary	14 - 14.25 GHz	51.
Secondary	14.25 - 14.3 GHz	52.
Secondary	14.4 - 14.47 GHz	53.
Secondary	14.5 - 14.75 GHz	54.
Secondary	14.75 - 14.8 GHz	55.
Secondary	14.8 - 15.35 GHz	56.
Primary	15.35 - 15.4 GHz	57.
Secondary	16.6 - 17.1 GHz	58.
Primary	17.2 - 17.3 GHz	59.
Secondary	18.6 - 18.8 GHz	60.
Primary	21.2 - 21.4 GHz	61.
Primary	22.21 - 22.5 GHz	62.
Primary	22.55 - 23.15 GHz	63.
Primary	23.6 - 24 GHz	64.
Primary	25.5 - 27 GHz	65.
Secondary	31 - 31.3 GHz	66.
Primary	31.3 - 31.5 GHz	67.
Primary	31.5 - 31.8 GHz	68.
Primary	31.8 - 32 GHz	69.
Primary	32 - 32.3 GHz	70.
Primary	34.2 - 34.7 GHz	71.
Secondary	34.7 - 35.2 GHz	72.
Primary	35.5 - 36 GHz	73.

74.	36 - 37 GHz	Primary
75.	37 - 37.5 GHz	Primary
76.	37.5 - 38 GHz	Primary
77.	40 - 40.5 GHz	Primary
78.	50.2 - 50.4 GHz	Primary
79.	52.6 - 54.25 GHz	Primary
80.	54.25 - 55.78 GHz	Primary
81.	55.78 - 56.9 GHz	Primary
82.	56.9 - 57 GHz	Primary
83.	57 - 58.2 GHz	Primary
84.	58.2 - 59 GHz	Primary
85.	59 - 59.3 GHz	Primary
86.	65 - 66 GHz	Primary
87.	74 - 76 GHz	Secondary
88.	76 - 77.5 GHz	Secondary
89.	77.5 - 78 GHz	Secondary
90.	78 - 79 GHz	Secondary
91.	79 - 81 GHz	Secondary
92.	81 - 84 GHz	Secondary
93.	86 - 92 GHz	Primary
94.	94 - 94.1 GHz	Primary
95.	100 - 102 GHz	Primary
96.	105 - 109.5 GHz	Primary
97.	109.5 - 111.8 GHz	Primary
98.	111.8 - 114.25 GHz	Primary
99.	114.25 - 116 GHz	Primary
100.	116 - 119.98 GHz	Primary
101.		
102.	119.98 - 122.25 GHz	Primary
	148.5 - 151.5 GHz	Primary
103.	164 - 167 GHz	Primary

182 - 185 GHz	Primary
185 - 190 GHz	Primary
190 - 191.8 GHz	Primary
200 - 209 GHz	Primary
217 - 226 GHz	Primary
226 - 231.5 GHz	Primary
235 - 238 GHz	Primary
250 - 252 GHz	Primary
	185 - 190 GHz 190 - 191.8 GHz 200 - 209 GHz 217 - 226 GHz 226 - 231.5 GHz 235 - 238 GHz

4.14 STANDARD FREQUENCY AND TIME SIGNAL SATELLITE

S/N	Frequency Bands	Primary/Secondary
1.	400.05 - 400.15 MHz	Primary
2.	13.4 - 13.65 GHz	Secondary
3.	13.65 - 13.75 GHz	Secondary
4.	13.75 - 14 GHz	Secondary
5.	20.2 - 21.2 GHz	Secondary
6.	25.25 - 25.5 GHz	Secondary
7.	25.5 - 27 GHz	Secondary
8.	30 – 31 GHz	Secondary
9.	31 - 31.3 GHz	Secondary

PART 5: Document Administration

5.1 Amendment

TCRA may from time-to-time, review, and update or modify this document to ensure its continued service and to meet the international and/or national performance requirements as necessary.

5.2 Compliance

Appropriate provisions of the TCRA Act, 2003, the Electronic and Postal Communications

Act, 2010 and the Electronic and Postal Communications (Radiocommunication and

Frequency Spectrum) Regulations, 2018, shall be used for compliance of this document

and effective from the date it has been published.

5.3 Publication

This document shall be published on the TCRA website https://www.tcra.go.tz for public

information, compliance and reference purposes.

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