CL Code	Type of Radiocommunication Device	Category of Device	Reg. Required	Single or Center Frequency Operation (MHz)	Frequency Range Start (MHz)	Frequency Range End (MHz)	Max. Power (dBm)	Max. Gain (dB)	ITU Class of Emission	Other Technical Parameters
CL-1	Cellular Mobile Handset and Cellular Subscriber/Cellular Mobile Transmitter. Push-To-Talk over Cellular (PTToC)	1	Cellular (No) PTToC (Yes)		703	803	34.77	0	200KD9W 200KG7D 1M25D9W	For every 1 dB increase in maximum antenna gain above 0 dB, there shall be a 1 dB decrease in maximum transmitter output RF power. The equivalent isotropic radiated power (EIRP) shall not exceed 33 dBm.
					824	894	38.45	0	247KGXW 246KG7W	
					1850	1990	33	0	248KGXW 247KG7W	
					1710	1755	30	0	4M15F9W 4M05G7D	
					2110	2155	30	0	4M48W7D 2M70G7D 2M69W7D 1M08G7D 1M09W7D	
CL-2	Low-Powered FM Transmitter	1	No	88.3			-49.208	0	54K4F3E	FCC Part 15.329
				88.5						
				88.7						
CL-3	Family Radio Service (FRS) / GMRS	1	Yes		462.525	462.75	33	0	16K0F3E	N/A
					467.526	467.75	33		11K0F3E	

CL Code	Type of Radiocommunication Device	Category of Device	Reg. Required	Single or Center Frequency Operation (MHz)	Frequency Range Start (MHz)	Frequency Range End (MHz)	Max. Power (dBm)	Max. Gain (dB)	ITU Class of Emission	Other Technical Parameters
CL-4	Broadband Wireless Access / Wi-Fi / Bluetooth	1	No		2400	2483.5	30	6	22M0D7W 3M50D7W 912KF1D 914KF1D 1M16G1D 1M15G1D 2M41GXW 2M32GXW 2M22F1D 719KF1D 1M03F1D 1M00F1D 1M40G1D 684KF1D 1M25F1D 924KF1D 1M23G1D 1M26G1D 9M09D1D 16M3G1D 17M6G1D 36M4G1D 22M0GXD 20M0GXD 1M10F1D 9M05G7W 9M06D7W	Refer to Schedule B1
CL-5	Broadband Wireless Access Fidelity Wi-Fi **(Private indoor use)**	2	No		2400	2483.5	30	6	22M0D7W 3M50D7W	Refer to Schedule B1

CL Code	Type of Radiocommunication Device	Category of Device	Reg. Required	Single or Center Frequency Operation (MHz)	Frequency Range Start (MHz)	Frequency Range End (MHz)	Max. Power (dBm)	Max. Gain (dB)	ITU Class of Emission	Other Technical Parameters
CL-6	Broadband Wireless Access Fidelity Wi-Fi	2	Yes		902	928	30	6	4M44D7D	Refer to Schedule B4
					2400	2483.5	30	6	8M79D7D	
CL-7	Broadband Wireless Access Fidelity Wi-Fi	3	Yes		2400	2483.5	30	6	22M0D7W 3M50D7W	Refer to Schedule B1
CL-8	Broadband Wireless Access / Wireless Fidelity (Wi-Fi) / HiperLAN / Worldwide Interoperability for Microwave Access (WiMAX)	1	No		5150	5250	24	See Other Specific Technical Operating Parameters	10M0D7W 37M0D7W	Refer to Schedule B2
					5250	5360	24			
					5470	5725	24		22M0D7W 3M50D7W 20M0G1D 40M0G1D 80M0G1D 20M0GXD 40M0GXD 80M0GXD 22M0GXD	
					5725	5850	30			
CL-9	Broadband Wireless Access / Wireless Fidelity (Wi-Fi) / HiperLAN / Worldwide Interoperability for Microwave Access	2	No		5150	5250	30	See Other Specific Technical Operating Parameters	10M0D7W 22M0D7W 3M50D7W	Refer to Schedule B2
					5470	5725	24			
					5725	5850	30			
					5850	5895	31.52	6		
CL-10	Broadband Wireless Access / Wireless Fidelity (Wi-Fi) / HiperLAN / Worldwide Interoperability for Microwave Access (WiMAX)	2	Yes		5150	5250	30	See Other Specific Technical Operating Parameters	10M0D7W 22M0D7W 3M50D7W 4M21D7W 8M26D7W 16M4D7W	Refer to Schedule B2 Note: For this class of device, WLAN devices in the band 5150–5250 MHz are restricted to indoor use only. [TT30 of the TTFAT]
					5470	5725	24			
					5725	5850	30			

CL Code	Type of Radiocommunication Device	Category of Device	Reg. Required	Single or Center Frequency Operation (MHz)	Frequency Range Start (MHz)	Frequency Range End (MHz)	Max. Power (dBm)	Max. Gain (dB)	ITU Class of Emission	Other Technical Parameters
CL-11	Broadband Wireless Access / Wireless Fidelity (WiFi) / HiperLAN / HiperMAN / Worldwide	3	Yes		5150	5250	30	See Other Specific Technical Operating Parameters	10M0D7W 22M0D7W 3M50D7W 100MD7W	Refer to Schedule B2
					5470	5725	24			
					5725	5850	30			
CL-12	SCADA Transceiver (Automatic Meter Reader (AMR))	1	No	424.775			10	2	16K0F3D	N/A
CL-13	Vehicle Telematics System / Remote Keyless Entry (RKE)	1	No	0.021845			-26.15	0	12K0A1D	N/A
				0.125			The maximum field strength shall be limited to 240000/f (kHz) microvolts per meter, measured at 3m. Refer to FCC Part 15C 15.209		2K50K1D 2K50A1D 14K5L1D 25K1L1D 12K0A1D 125KA1D 7K80A1D 134KA1D	N/A
				0.1342						
				285.5			10	0	16K0F3D	N/A
				287					75K0F1D	
				303.5					106KF1D	
					307.5	321			213KK1D	
					337	338			190KF1D	
				398					160KF1D	
					411	412			54K1F1D	
					433.05	434.79			55K0L1D	
					439	440				
					902	928	21	0	200KLID	Any increase in gain of 1dB there shall be an equal decrease of transmit RF output power of 1dB.

Schedule B - Schedule of devices eligible for use under a Class Licence

CL Code	Type of Radiocommunication Device	Category of Device	Reg. Required	Single or Center Frequency Operation (MHz)	Frequency Range Start (MHz)	Frequency Range End (MHz)	Max. Power (dBm)	Max. Gain (dB)	ITU Class of Emission	Other Technical Parameters
CL-14	Personal Satellite Tracker	1	No		1611.25	1618.75	20	0	2M31G1D	N/A
CL-15	RFID Reader	1		0.125			-43.7	0	125KF1D	N/A
				0.1342			-43.24	0	9K63A1D	
					13.11	14.01	The field strength of any emissions in accordance with FCC Part 15C		14K0A1D 398KG1D 14K0K2D	
					902	928	30	6	200KK1D	
					903.14	927.26	30	3	500KD7D	
					2402	2480	9.9	1		
CL-16	AMR Repeater Unit	3	Yes	0.058			-35.2	0	8K00P0N	N/A
				433.225			14	-5.6	232KF1D	
				433.725						
					902	928	28	5.15	200KL1D	
CL-17	Remote Control Transmitter	1	No	315			-45	0	143KK1D	N/A
				431.5			0	0	483KF1D	N/A
				432.4					28K3A1D	
				432.7						
				433						
				433.3						
				433.6						
				433.9						
				434.2						
				434.8						
				435.1						
				435.4						
				435.7						
				436						
				436.3						
				436.6						
					2400	2483.5	20	1.8		N/A

Type 1 - End-user devices or CPE: Reg of FRS, GMRS,MURS, UAS >250g, CB Radios, PTToC,PLB

Type 2 - Base Stations (Registration required using Form R-CL for public indoor and outdoor base stations

Type 3 - Fixed Stations Registration using Form R-CL

CL Code	Type of Radiocommunication Device	Category of Device	Reg. Required	Single or Center Frequency Operation (MHz)	Frequency Range Start (MHz)	Frequency Range End (MHz)	Max. Power (dBm)	Max. Gain (dB)	ITU Class of Emission	Other Technical Parameters
CL-18	Automobile Distance/Field Disturbance Sensor	1	No		22000	29000	-41.9	0	865MD7D	
					23570	25258	-24	12	1G60P0N 1G68P0N	N/A
					24050	24250	13	12.5	200MQXN	N/A
					57000	71000	Output power shall not exceed -10 dBm and EIRP shall not exceed 10 dBm, unless the field disturbance sensor or radar is limited to operations in one of the **ranges** listed in the column **Other Specific Technical Operating Parameters**		260KP0N 5G97P0N 5G54P0N 5G67P0N 5G62P0N 5G54P1N	57-59.4 GHz - Max EIRP 20 dBm (indoor), 30 dBm (outdoor). 57-61.56 GHz – Max EIRP 20 dBm1 57-64 GHz – Max 20 dBm* 61-61.5 GHz – Max 43 dBm* *See FCC Part 15.255 (2)(ii, iii and v)
					76000	81000	10	45	290MN0N 200MF1N 400MF1N 800MF1N 4G00NON 3G00NON	Any increase in gain of 1dB there shall be an equal decrease of transmit RF output power of 1dB. The maximum power (EIRP) within the 76-81 GHz band shall not exceed 55 dBm. FCC Part 95 M - The 76-81 GHz Band Radar Service. ITU-R M.2057-1 - Automotive radar characteristics in the frequency band 76-81 GHz.
CL-19	Medical Telemetry	1	No	0.175			30	0	18K0M1D 74K4F1D	N/A
					402	402.15	-16.02	0	54K0FID	N/A
					402.15	404.85	-10.6	0.8	141KFID	N/A

CL Code	Type of Radiocommunication Device	Category of Device	Reg. Required	Single or Center Frequency Operation (MHz)	Frequency Range Start (MHz)	Frequency Range End (MHz)	Max. Power (dBm)	Max. Gain (dB)	ITU Class of Emission	Other Technical Parameters
CL-20	Point-to-Point Radiocommunication System	3	Yes		13.553	13.567	The field strength of any emissions within the band 13.553 - 13.567 MHz shall not exceed 15,848 µV/m at 30 meters. (FCC Part 15F)		14K0A1D	N/A
					902	928	30	6	2K00F1D 4M44D7D 8M79D7D 17M7D7D	Refer to Schedule B4
					2400	2483.5	30	6	47M5D7D 36M4D7D 4M21W7D	For every 3 dB gain above 6 dBi, ERP of RF transmitter shall be reduced by 1 dBm.
					5470	5725	The EIRP shall be limited to the electromagnetic		8M26W7D	N/A
					5725	5850			16M4W7D	
					24100	24200	0	33	100MW7D	N/A
					57000	66000	27	38	899GP1D 2G10W7D	N/A
					58320	69120	38.2	24	2G00G1D 1G00G1D	Equipment shall operate in accordance with FCC Part 15.255
CL-21	Satellite Telemetry			137.2000			38	2	19K00G1D	Space-to-Earth
				137.2250						
				137.2500						
				137.2875						
				137.3125						
				137.4350						
				137.4600						
				137.6625						
				137.6825						
				137.7125						

CL Code	Type of Radiocommunication Device	Category of Device	Reg. Required	Single or Center Frequency Operation (MHz)	Frequency Range Start (MHz)	Frequency Range End (MHz)	Max. Power (dBm)	Max. Gain (dB)	ITU Class of Emission	Other Technical Parameters
				137.7375						
				137.8000						
				148.0000			38	2	5K00G1D	Earth-to-Space
				150.5000						
					401.62	401.68	27	2.16	40K0G7D 2K00G1D	Earth-to-Space
					401.63	402.85	41.46	10	300HG1D 1K20G1D	Earth-to-Space
CL-22	, Wireless Microphone	1	No	64.5			16.9	0	60K0F3E	FCC Part 74
				64.7						
				64.9						
				65.1						
				65.3						
				65.5						
				65.7						
				65.9						
					470.125	602	17	0	60K0F3E	FCC Part 74
CL-23	Satellite Phone	1	No		1616	1660.5	35.2	3	41K7Q7W	Q639555A
					1668	1675				
CL-24	Onsite Paging System Transmitter	1	No	467.75			9.73	0	8K60G1D	N/A
CL-25	Unmanned Aerial Systems (UAS) / Transceiver Modules	1	No (<250g) / Yes (>=250g)		902	928	33	3	29KD7W	N/A
					2400	2483.5	30	6	3M50D7W 22M0D7W	Refer to Schedule B1
					5150	5250	24	6	37M0D7W	Refer to Schedule B2
					5250	5360	24	6	80MOD7W	Refer to Schedule B2
					5470	5725	24	6	80MOD7W	FCC Part 15 E
					5725	5850	30	6	3M50D7W 80M0D7W	Refer to Schedule B2

CL Code	Type of Radiocommunication Device	Category of Device	Reg. Required	Single or Center Frequency Operation (MHz)	Frequency Range Start (MHz)	Frequency Range End (MHz)	Max. Power (dBm)	Max. Gain (dB)	ITU Class of Emission	Other Technical Parameters
					60000	64000	20	0	3G80F1N	For every 1 dB increase in maximum antenna gain there shall be a 1 dB decrease in maximum transmitter output RF power. The equivalent isotropic radiated power (EIRP) shall not exceed 20 dBm. Transmitter off-times: at least 16.5 ms within 33 ms. Maximum height: Operations limited to 400ft above ground level See FCC Part 15.255 (b)(3) Max height 400ft AGL; EIRP limits 36 dBm (902-928) or 20 dBm (60GHz)
CL-26	Wi-Fi Module	1	No		57240	63720	16.7	15.3	3G06D7W	N/A
CL-27	Compact Surveillance Radar	3	Yes		10308	10378	20.96	14	70M1F3N	N/A
CL-28		2,3	Yes		548	560	14	6	6M00G1D	Refer to Schedule B3; Requires GLDA registration. 1. Any Connect Limited
					566	572	14			
					572	602	30			
					578	596	30			
					596	602	14			
					602	608	14			
					626	632	10			
					680	686	10			
					686	692	14			
					692	698	30			
CL29	Pressure Monitoring Sensor	1	No	315			-45	0	143KK1D,	N/A
				433.92			1.38	-23.8	106KF1D 213KA1D	N/A

CL Code	Type of Radiocommunication Device	Category of Device	Reg. Required	Single or Center Frequency Operation (MHz)	Frequency Range Start (MHz)	Frequency Range End (MHz)	Max. Power (dBm)	Max. Gain (dB)	ITU Class of Emission	Other Technical Parameters
CL-30	Transceiver Module / Device	1	No	0.021845			-50	0	384KF7D	N/A
					902	928	20	6	83K3F3E	
CL-31	Wireless Charging System	1	No		0.11	0.49	The maximum field strength shall be limited to 240000/f (kHz) microvolts per meter, measured at 3m. FCC Part 15C 15.209		2K50K1D 2K50A1D 14K5L1D 25K1L1D 3K20D1D 780HF1D 5K52A1D 14K6F1D 12K0A1D	N/A
				13.56			The maximum field strength shall be limited to 124 dB microvolts per meter, measured at 3 meters FCC Part 15C 15.225		14K0F1D 132KA1D	N/A
CL-32	Citizen Band (CB) Radiocommunication Device	1	Yes		26.965	27.405	36	0	8K00A3E	Refer to Schedule B5
		3	Yes		26.965	27.405	40.79	0	4K00J3E 4K00R3E 4K00H3E	
CL-33	Handheld Ultra-Wideband Systems	1	No		3100	10600	-	-	680MF1D 690MF1D 641MF1D 513MG1D 511MG7D 624MG1D	Refer to Schedule B6
CL-34	DECT Cordless Telecommunications	1	No		1920	1930	16.43	2	1M47F1D 1M37F1D	FCC Part 15D 15.323

Schedule B - Schedule of devices eligible for use under a Class Licence

CL Code	Type of Radiocommunication Device	Category of Device	Reg. Required	Single or Center Frequency Operation (MHz)	Frequency Range Start (MHz)	Frequency Range End (MHz)	Max. Power (dBm)	Max. Gain (dB)	ITU Class of Emission	Other Technical Parameters
CL-35	LPWAN / LoRaWAN	1	No		902	928	30	6	606KF1D	For any increase in gain of 1dB above the maximum, there shall be an equal decrease of the transmitter output power of 1dB.
CL-36	Multi-Use Radio Service (MURS)	1	No	154.6			33	0	11K0F3E 16K0F3E	N/A
CL-37	Wildlife Tracking Telemetry	1	No		216	220	10	2	100HP0N	FCC Part 90 Subpart J 90.248
CL-38	Data Communications Transmission Module	1	No		57000	71000	The peak power of any emission shall not exceed 43 dBm (FCC Part 15 15.255 (K142(1)(i))		481MA1D	N/A
CL-39	Wireless Local Area Network (WLAN)/Wireless Fidelity (Wi-Fi)	1	No		5925	6425	24	0	D7W	For every 1 dB increase in maximum antenna gain above 0 dB, there shall be a 1 dB decrease in maximum transmitter output RF power.
CL-40	Wireless Local Area Network (WLAN)/Wireless Fidelity (Wi-Fi) - Private Indoor	2			5925	6425	30	1	D7W	For every 1 dB increase in maximum antenna gain above 0 dB, there shall be a 1 dB decrease in maximum transmitter output RF power.
CL-41	Cellular Repeaters	3	Yes		824	894	10	65	F9WG7D D7WGXW	Owners and/or importers of consumer cellular repeaters and owners and/or importers of business or industry-type cellular repeaters shall be guided by the process identified here https://tatt.org.tt/wp-content/uploads/2023/12/Approach-for-Authorisation-of-Cellular-Repeaters-November-2023.pdf (tatt.org.tt)
					1850	1990				
					1710	1755				
					2110	2155				

CL Code	Type of Radiocommunication Device	Category of Device	Reg. Required	Single or Center Frequency Operation (MHz)	Frequency Range Start (MHz)	Frequency Range End (MHz)	Max. Power (dBm)	Max. Gain (dB)	ITU Class of Emission	Other Technical Parameters
CL-42	Satellite Tracking/Monitoring	1	Yes		1616	1626.5	38.2	3	41K7Q7W	Data only; Voice prohibited
CL-43	Indoor Ultra-Wideband Systems	1	No		3100	10600	-	-	647MD1D, 914MD1D	Refer to Schedule B7
CL-44	Auditory Assistance devices	1	No		72	76	80 millivolts per meter (80,000 µV/m) measured at a distance of 3 meters. See FCC Part 15.237		200KF3E 150KF3E 50KF3E	N/A
CL-45	Personal Locator Beacon (PLB)	1	Yes		406	406.1	37	0	16K0G1D 3K20A3X 2K00A2A	FCC Part 95 Subpart K. ITU footnotes 5.111, 5.266, 5.267.
				121.5			20	0		

Schedule B1		
Parameter	**Requirement/Maximum Value**	**Comments**
Maximum Effective Radiated Power ERP (from RF transmitter)		For frequency hopping systems employing less than 75 hopping channels RF output power shall be no greater than 20.97 dBm. For systems using digital modulation and frequency hopping systems employing at least 75 non-overlapping hopping channels RF output power shall be no greater than 30 dBm.
Antenna Gain		For every dB gain above 6 dBi, ERP of RF transmitter shall be reduced by 1 dBm.
Modulation scheme	Digital	Any digital modulation technique e.g., BPSK, QPSK.
Multiple Access technique	Frequency Hopping Spread Spectrum (FHSS) Direct Sequence Spread Spectrum (DSSS)	Any other multiple access technology that can co-exist with FHSS and DSSS systems can be employed.
Minimum Channel Bandwidth	FHSS (20dB) – 25kHz DSSS (6dB) – 500kHz	FHSS shall use at least 15 well- defined, non-overlapping channels separated by the channel bandwidth. The dwell time per channel shall not exceed 0.4s within a period of 0.4n, where n is the number of channels employed.
Frequency Range	2.4 – 2.4835GHz	This frequency range can be used for either indoor or outdoor operation.
Narrowband Transmitter spurious emission limits	**Operating** 30MHz – 1GHz = -36dBm 1GHz to 12.75GHz = -30dBm **Standby** 30MHz – 1GHz = -57dBm 1GHz to 12.75GHz = -47dBm	
Narrowband Receiver spurious emission limits	30MHz – 1GHz = -57dBm 1GHz to 12.75GHz = -47dBm	
Wideband Transmitter spurious emission limits	**Operating** 30MHz – 1GHz = -86dBm/Hz 1GHz to 12.75GHz = - 80dBm/Hz **Standby** 30MHz – 1GHz = -107dBm/Hz 1GHz to 12.75GHz = - 97dBm/Hz	
Maximum Spectral Power density	FHSS – 100mW/100kHz DSSS – 10mW/1MHz	
Standardization	FCC	

Schedule B2		
Parameter	**Requirement/Maximum Value**	**Comments**
Maximum Equivalent Isotropically Radiated Power EIRP (Transmitter Output Power) (in accordance with FCC Part 15E)	5.15-5.25 GHz:- Outdoor access point – 30 dBm Indoor access point – 30 dBm Client devices[1] – 24 dBm 5.25 - 5.35 GHz and 5.47-5.725 GHz – 24 dBm 5.725 - 5.850 GHz – 30 dBm 5.850 – 5.895 GHz **(Indoor access point** – 31.52 dBm)	
Antenna Gain (in accordance with FCC Part 15E)	6 dBi	For every dB gain above 6 dBi, maximum EIRP shall be reduced by 1 dBm. Note: Fixed point-to-point U-NII devices operating in 5.15-5.25GHz frequency range can have antenna gains of up to 23dBi with no power reduction. Antenna gain in excess of 23dBi would require 1dBm reduction in EIRP for every 1dBi in excess of 23dBi (FCC 47 CFR 15.407(a)(1)(iii)) Fixed point-to-point U-NII access points operating in the 5.725-5.850GHz frequency range can have antenna gains of more than 6dBi without reduction in maximum EIRP (FCC 47 CFR 15.407(a)(3)(i)) Fixed point-to-point access points do not include point-to-multipoint, omnidirectional, and co-located transmitters
Modulation scheme	Digital	Any digital modulation technique e.g., BPSK, QPSK.
Multiple Access technique (WiFi and WiMAX)	Frequency Hopping Spread Spectrum (FHSS) Direct Sequence Spread Spectrum (DSSS) Orthogonal Frequency Division Multiplexing (OFDM)	Any other multiple access technology that can co-exist with FHSS, DSSS and OFDM systems can be employed.
Minimum Channel Bandwidth (WiFi and WiMAX Technology)	FHSS (20dB) – 25kHz DSSS (6dB) – 500kHz	FHSS shall use at least 75 well- defined, non-overlapping channels separated by channel bandwidth. The dwell time per channel shall not exceed 0.4s within a period of 30s.
Operating Frequency Range (WiFi and WiMAX Technology)	5150 – 5250MHz 5250 – 5350MHz 5470 – 5725MHz 5725 – 5850MHz	Can be used for either indoor or outdoor operation.

Parameter	Requirement/Maximum Value	Comments
Narrowband Transmitter mask (WiFi technology)	**Un-modulated** F_{tx} +/- 3 to 14MHz = -49dBm **Modulated** F_{tx} +/- 3 to 8MHz = -32dBm F_{tx} +/- 2 to 14MHz = -35dBm	
Transmitter Spectral Mask (WiMAX technology)	**20 MHz Channelization:** F_{tx} +/- 9.5MHz = 0dBm F_{tx} +/- 10.9MHz = -25dBm F_{tx} +/- 19.5MHz = -32dBm F_{tx} +/- 29.5MHz = -50dBm **10 MHz Channelization:** F_{tx} +/- 4.75MHz = 0dBm F_{tx} +/- 5.45MHz = -25dBm F_{tx} +/- 9.75MHz = -32dBm F_{tx} +/- 14.75MHz = -50dBm	
Transmitter spurious emission limits (WiFi Technology)	**Operating** 25MHz – 1GHz = -69dBm 1GHz to 40GHz = -63dBm **Standby** 25MHz – 1GHz = -90dBm 1GHz to 40GHz = -80dBm	
Receiver spurious emission limits (WiFi Technology)	25MHz – 1GHz = -90dBm 1GHz to 40GHz = -80dBm	
Maximum Spectral Power density (WiFi Technology)	FHSS – 1W/100kHz DSSS – 10mW/3kHz	
Standardization	FCC, ETSI	

Schedule B3		
Parameter	**Requirement/Maximum Value**	**Comments**
Antenna Gain	6 dBi	For every dBi gain above the maximum value, the maximum conducted output power shall be reduced by 1 dB.
Out-of-band Emission Limit (100 kHz)	-58.8 dBm	The out-of-band emission limit applies to the 100 kHz immediately adjacent to the channel used by the WSD and every subsequent 100 kHz block of spectrum.
Modulation scheme	Digital	Any digital modulation technique e.g., QPSK, 64QAM
Multiple Access technique	Direct Sequence Spread Spectrum (DSSS) Orthogonal Frequency Division Multiplexing (OFDM)	Any other multiple access technology that can co-exist with DSSS and OFDM systems can be employed.
Device Transmit Configuration	Serial number Antenna height above ground Location and location uncertainty. Channels used Maximum expected transmit power	Device and usage parameters (at a minimum) are to be to a geolocation database during a query for operational parameters.
Device Receive Configuration	Available channels Maximum permitted power Channel validity Period	Operational parameters received from the geolocation database during a query.
Channel Validity Period	6 Months	Devices are required to cease transmission on expiry of the channel validity and query a geolocation database for new operational parameters.
Polling Period	24 hours	Devices are required to poll a geolocation database once every 24 hours to verify that their operational parameters continue to be valid, and make adjustments as indicated by the geolocation database.
Standardization	FCC ETSI	
White Space Access Mechanism	Geolocation database	Approved geolocation database administrators (GLDA): Any Connect Limited

Schedule B4		
Parameter	**Requirement/Maximum Value**	**Comments**
Maximum Effective Radiated Power ERP (from RF antenna)	36dBm	
Maximum Transmitter RF Output Power	30 dBm	For frequency hopping systems operating in the 902-928 MHz band: 1 watt for systems employing at least 50 hopping channels; and 0.25 watts for systems employing less than 50 hopping channels, but at least 25 hopping channels.
Antenna Gain	6dBi	For every dB gain above 6 dBi, ERP of RF transmitter shall be reduced by 1 dBm.
Modulation scheme	Digital	Any digital modulation technique e.g., BPSK, QPSK
Multiple Access technique	Frequency Hopping Spread Spectrum (FHSS) Direct Sequence Spread Spectrum (DSSS)	Any other multiple access technology that can co-exist with FHSS and DSSS systems can be employed.
Maximum Channel Bandwidth	500 kHz (20dB channel bandwidth	For frequency hopping systems operating in the 902-928 MHz band: if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 20 second period; if the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 10 second period. The maximum allowed 20 dB bandwidth of the hopping channel is 500 kHz.
Frequency Range	902 – 928 MHz	This frequency range can be used for either indoor or outdoor operation.
Out-of-band Emission Limits		For every 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.
Standardization	FCC	FCC Part 15.247

Schedule B5		
Parameter	**Requirement/Maximum Value (AM)**	**Requirement/ Maximum Value (SSB)**
Max. Transmitter Output Power (dBm)	36	40.79
Antenna Gain	For every 1 dB antenna gain above 0dB, the output power must be reduced by the 1 dB.	For every 1 dB antenna gain above 0dB, the output power must be reduced by the 1 dB.
Unwanted Emissions Limits	25 dB attention 4-8 kHz from center frequency. 35 dB attenuation 8-20 kHz from center frequency.	25 dB attenuation 2-6 kHz from center frequency. 35 dB attenuation 6-10 kHz from center frequency.
	53 + 10 log (P) dB in any frequency band removed by greater than 250% of the authorised bandwidth. Where P is the 60dB in any frequency band centered on a harmonic of the carrier frequency.	53 + 10 log (P) dB in any frequency band removed by greater than 250% of the authorised bandwidth. 60 dB in any frequency band centered on a harmonic of the carrier frequency.

The Authority shall:

1. Require registration of all fixed stations as stipulated in section 3.4 of the Authority's Class Licensing Regime.
2. Permit Citizen Band (CB) radiocommunications devices to be used for personal or non- commercial communication.
3. Allow the use of only fixed, mobile and portable CB radiocommunications devices certified by the Authority, in accordance with the Equipment Standardization Framework.
4. Prohibit the modification of all CB radiocommunications devices.
5. Allow the frequencies allocated to CB radiocommunications devices to be shared amongst all users.
6. Prohibit the use of any external amplifier for boosting the output power above 4 Watts.
7. Limit the maximum ERP of CB devices to operate on AM (A3) – 4 Watts (carrier power) SSB – 12 Watts (peak envelope power).
8. Prohibit CB operators from integrating their CB radiocommunications devices to the Public Switched Telephone Network or rebroadcasting any transmission over this medium.
9. Restrict CB radiocommunications devices to voice communication only.
10. Allow CB radio fixed antenna systems to be erected 5 meters higher than the highest point of the building or tree on which it is mounted. However, the highest point of the antenna must be no more than 18 meters above the ground. Fixed antennas shall comply with Town and Country Planning regulations. Fixed antennas located near airports shall also comply with the Civil Aviation Authority's restrictions.
11. Not certify the use of fixed, mobile or portable CB radiocommunications devices which do not conform to the Authorisation Framework guidelines.
12. Not assign call signs or CB handles (code names) to individuals.
13. Not allow the use of call signs issued by the Authority, for example, amateur or maritime radio, on the CB radiocommunications device channels while communicating.
14. Not permit the use of CB radiocommunications devices for public correspondence.
15. Not permit the use of CB radiocommunications devices for obscene, derogatory or inappropriate transmissions.
16. Mandate that CB operators refrain from causing harmful interference to other CB radiocommunications devices or any other broadcast receiver (e.g., television and AM/FM receivers).
17. Not protect, nor shall the users of CB radiocommunications devices claim protection from harmful interference caused by similar or other radiocommunications devices.
18. Require all operators of CB radiocommunications devices to give priority access to ODPM, regional corporations, CB radio operators directly involved in emergency relief operations and first responders to the following five channels (3,5,7,9,11), in the event of local or national emergencies to assist in emergency communications.

Schedule B6		
Parameter	**Requirement/Maximum Value**	**Comment**
Occupied Bandwidth	-	Must be contained between 3100 MHz -10600 MHz
EIRP	0 dBm	The limit on EIRP is based on 50MHz bandwidth centered on the frequency at which the highest radiated emission occurs, F_M.
Radiated Spurious Emissions	960-1610 MHz = -75 dBm 1610-1990 MHz = -63.3 dBm 1990-3100 MHz = -61.3 dBm 3100-10600 MHz = -41.3 dBm Above 10600 MHz = -61.3 dBm 1164-1240 MHz = -85.3 dBm 1559-1610 MHz = -85.3 dBm	
Standardization	FCC	CFR 47 Part 15 Subpart F 15.519

Schedule B7		
Parameter	**Requirement/Maximum Value**	**Comment**
Occupied Bandwidth	-	Must be contained between 3100 MHz -10600 MHz
EIRP	0 dBm	The limit on EIRP is based on 50MHz bandwidth centered on the frequency at which the highest radiated emission occurs, F_M.
Radiated Spurious Emissions	960-1610 MHz = -75.3 dBm 1610-1990 MHz = -53.3 dBm 1990-3100 MHz = -51.3 dBm 3100-10600 MHz = -41.3 dBm Above 10600 MHz = -51.3 dBm 1164-1240 MHz = -85.3 dBm 1559-1610 MHz = -85.3 dBm	
Other		This equipment is limited to indoor operations.
Standardization	FCC	CFR 47 Part 15 Subpart F 15.517