

## Annex – Equipment Specification

<b>FCCID</b>					<b>XMR2022AG550QNA</b>		
<b>Certification sought under the following Rules:</b>					<b>Part 22,24,27,90,96</b>		
<b>Equipment Specification</b>					<b>PCB/CBE</b>		
<b>FCC Equipment Code List: <a href="https://apps.fcc.gov/oetcf/eas/reports/EquipmentRulesList.cfm">https://apps.fcc.gov/oetcf/eas/reports/EquipmentRulesList.cfm</a></b>							
<b>Frequency Range (MHz)</b>		<b>RF Power (Conducted, EIRP/ERP)</b>	<b>Frequency Tolerance</b>		<b>Emission Designator</b>	<b>Part Rule</b>	<b>Equip. Code</b>
Low	High	Watts	Value	unit	47CFR 2.201		
1850.2	1909.8	0.899	0.1	ppm	246KGXW	Part 24	GSM 1900
1850.2	1909.8	0.369	0.1	ppm	244KG7W	Part 24	GSM 1900
1852.4	1907.6	0.233	0.1	ppm	4M16F9W	Part 24	WCDMA B2
1712.4	1752.6	0.226	0.1	ppm	4M14F9W	Part 27	WCDMA B4
826.4	846.6	0.219	0.1	ppm	4M15F9W	Part 22	WCDMA B5
1860	1900	0.212	0.1	ppm	17M9G7D	Part 24	LTE B2
1860	1900	0.185	0.1	ppm	17M9W7D	Part 24	LTE B2
1855	1905	0.223	0.1	ppm	8M94G7D	Part 24	LTE B2
1855	1905	0.192	0.1	ppm	8M92W7D	Part 24	LTE B2
1720	1745	0.220	0.1	ppm	17M9G7D	Part 27	LTE B4
1720	1745	0.192	0.1	ppm	17M9W7D	Part 27	LTE B4
1715	1750	0.228	0.1	ppm	8M93G7D	Part 27	LTE B4
1715	1750	0.195	0.1	ppm	8M92W7D	Part 27	LTE B4
829	844	0.218	0.1	ppm	8M93G7D	Part 22	LTE B5
829	844	0.187	0.1	ppm	8M92W7D	Part 22	LTE B5
826.5	846.5	0.188	0.1	ppm	4M48W7D	Part 22	LTE B5
2510	2560	0.212	0.1	ppm	17M9G7D	Part 27	LTE B7
2510	2560	0.182	0.1	ppm	18M0W7D	Part 27	LTE B7
2507.5	2562.5	0.215	0.1	ppm	13M5G7D	Part 27	LTE B7
2505	2565	0.185	0.1	ppm	8M92W7D	Part 27	LTE B7
704	711	0.223	0.1	ppm	8M93G7D	Part 27	LTE B12
704	711	0.189	0.1	ppm	8M92W7D	Part 27	LTE B12
701.5	713.5	0.191	0.1	ppm	4M48W7D	Part 27	LTE B12
782	782	0.222	0.1	ppm	8M92G7D	Part 27	LTE B13
782	782	0.191	0.1	ppm	8M90W7D	Part 27	LTE B13
793	793	0.218	0.1	ppm	8M94G7D	Part 90	LTE B14
793	793	0.186	0.1	ppm	8M94W7D	Part 90	LTE B14
790.5	795.5	0.218	0.1	ppm	4M47G7D	Part 90	LTE B14
790.5	795.5	0.187	0.1	ppm	4M48W7D	Part 90	LTE B14
709	711	0.222	0.1	ppm	8M94G7D	Part 27	LTE B17
709	711	0.190	0.1	ppm	8M93W7D	Part 27	LTE B17
1860	1905	0.215	0.1	ppm	17M9G7D	Part 24	LTE B25
1860	1905	0.188	0.1	ppm	17M9W7D	Part 24	LTE B25
1852.5	1912.5	0.223	0.1	ppm	4M47G7D	Part 24	LTE B25
1851.5	1913.5	0.192	0.1	ppm	2M69W7D	Part 24	LTE B25
819	819	0.208	0.1	ppm	8M90G7D	Part 90	LTE B26(814-824)
819	819	0.184	0.1	ppm	8M90W7D	Part 90	LTE B26(814-824)
815.5	822.5	0.215	0.1	ppm	2M69G7D	Part 90	LTE B26(814-824)
815.5	822.5	0.184	0.1	ppm	2M69W7D	Part 90	LTE B26(814-824)
831.5	841.5	0.207	0.1	ppm	13M5G7D	Part 22	LTE B26(824-849)
831.5	841.5	0.180	0.1	ppm	13M5W7D	Part 22	LTE B26(824-849)
826.5	846.5	0.219	0.1	ppm	4M47G7D	Part 22	LTE B26(824-849)
825.5	847.5	0.185	0.1	ppm	2M69W7D	Part 22	LTE B26(824-849)
2506	2680	0.224	0.1	ppm	17M9G7D	Part 27	LTE B41
2506	2680	0.193	0.1	ppm	17M8W7D	Part 27	LTE B41
2501	2685	0.226	0.1	ppm	8M91G7D	Part 27	LTE B41
2501	2685	0.195	0.1	ppm	8M92W7D	Part 27	LTE B41
3560	3690	0.223	0.1	ppm	18M1G7D	Part 96	LTE B48
3560	3690	0.194	0.1	ppm	17M98W7D	Part 96	LTE B48
3552.5	3697.5	0.233	0.1	ppm	4M5G7D	Part 96	LTE B48
3552.5	3697.5	0.200	0.1	ppm	4M51W7D	Part 96	LTE B48
1720	1770	0.226	0.1	ppm	17M9G7D	Part 27	LTE B66
1720	1770	0.199	0.1	ppm	17M9W7D	Part 27	LTE B66

1711.5	1778.5	0.233	0.1	ppm	2M70G7D	Part 27	LTE B66
673	688	0.225	0.1	ppm	17M9G7D	Part 27	LTE B71
673	688	0.194	0.1	ppm	17M9W7D	Part 27	LTE B71
665.5	695.5	0.229	0.1	ppm	4M47G7D	Part 27	LTE B71
1860	1900	0.228	0.1	ppm	17M9G7D	Part 24	NR Band n2
1860	1900	0.225	0.1	ppm	18M9W7D	Part 24	NR Band n2
1855	1905	0.230	0.1	ppm	8M94G7D	Part 24	NR Band n2
1855	1905	0.230	0.1	ppm	9M30W7D	Part 24	NR Band n2
834	839	0.232	0.1	ppm	17M9G7D	Part 22	NR Band n5
834	839	0.228	0.1	ppm	18M9W7D	Part 22	NR Band n5
831.5	841.5	0.234	0.1	ppm	13M5G7D	Part 22	NR Band n5
829	844	0.234	0.1	ppm	9M31W7D	Part 22	NR Band n5
1870	1895	0.271	0.1	ppm	38M5G7D	Part 24	NR Band n25
1870	1895	0.195	0.1	ppm	38M6W7D	Part 24	NR Band n25
2546.01	2640	0.376	0.1	ppm	96M3G7D	Part 27	NR Band n41
2546.01	2640	0.293	0.1	ppm	97M2W7D	Part 27	NR Band n41
2511	2675	0.385	0.1	ppm	26M8G7D	Part 27	NR Band n41
2511	2675	0.310	0.1	ppm	27M8W7D	Part 27	NR Band n41
3570	3680	0.207	0.1	ppm	37M9G7D	Part 96	NR Band n48
3570	3680	0.208	0.1	ppm	37M9W7D	Part 96	NR Band n48
1730	1760	0.276	0.1	ppm	38M5G7D	Part 27	NR Band n66
1730	1760	0.195	0.1	ppm	38M6W7D	Part 27	NR Band n66
1725	1765	0.198	0.1	ppm	28M6W7D	Part 27	NR Band n66
673	688	0.230	0.1	ppm	17M9G7D	Part 27	NR Band n71
673	688	0.232	0.1	ppm	18M9W7D	Part 27	NR Band n71
670.5	690.5	0.231	0.1	ppm	13M5G7D	Part 27	NR Band n71
3500.01	3500.01	0.427	0.1	ppm	96M3G7D	Part 27	NR Band n77 (3450-3550)
3500.01	3500.01	0.323	0.1	ppm	97M6W7D	Part 27	NR Band n77 (3450-3550)
3470.01	3530.01	0.443	0.1	ppm	35M8G7D	Part 27	NR Band n77 (3450-3550)
3470.01	3530.01	0.371	0.1	ppm	37M9W7D	Part 27	NR Band n77 (3450-3550)
3750	3930	0.406	0.1	ppm	96M3G7D	Part 27	NR Band n77 (3700-3980)
3750	3930	0.311	0.1	ppm	97M6W7D	Part 27	NR Band n77 (3700-3980)
3720	3960	0.434	0.1	ppm	35M8G7D	Part 27	NR Band n77 (3700-3980)
3720	3960	0.365	0.1	ppm	37M9W7D	Part 27	NR Band n77 (3700-3980)
3500.01	3500.01	0.431	0.1	ppm	96M4G7D	Part 27	NR Band n78(3450-3550) SA
3500.01	3500.01	0.333	0.1	ppm	97M5W7D	Part 27	NR Band n78(3450-3550)
3480	3519.99	0.443	0.1	ppm	57M9G7D	Part 27	NR Band n78(3450-3550)
3480	3519.99	0.350	0.1	ppm	57M9W7D	Part 27	NR Band n78(3450-3550)
3750	3750	0.333	0.1	ppm	96M2G7D	Part 27	NR Band n78(3700-3800)
3750	3750	0.251	0.1	ppm	97M4W7D	Part 27	NR Band n78(3700-3800)
3730.02	3769.98	0.366	0.1	ppm	57M8G7D	Part 27	NR Band n78(3700-3800)
3710.01	3789.99	0.279	0.1	ppm	18M2W7D	Part 27	NR Band n78(3700-3800)

## FREQUENCY RANGE LISTINGS FOR CERTIFICATION GRANTS

### I. PART 15 UNLICENSED TRANSMITTERS

1) List the **center frequency** of the lowest channel tested to the **center frequency** of the highest channel tested for the following operating modes which produce worst-case RF emission characteristics:

- (1) the widest frequency range
- (2) the highest power

- 2) grant condition field should include a statement listing all bandwidth modes of operation (e.g., “This device has 20 MHz and 40 MHz bandwidth modes.”)
- 3) For U-NII devices operating under the old rules in the 5470-5725 MHz band, do not list frequencies that include the TDWR band (5600-5650 MHz) ( Mator Device Only)

### II. LICENSED TRANSMITTERS – GENERAL GUIDANCE

For grants of devices operating in 3GPP LTE modes, listing only the widest measured emission bandwidth for each emission designator (e.g. G7W) and each transmit band [e.g., 27 subpart L (AWS-1)] is permitted according to the following provisions.

- 1) If the mode with the widest measured emission bandwidth also has the highest measured output power, the Form-731 can have a single line per mode and band;
- 2) Multiple Form-731 lines per band are needed for the widest emission bandwidth mode(s) with associated measured output power(s), and the highest measured output power mode with its associated measured narrower emission bandwidth.