

Date: 5/7/2024

## Description of Permissive Change

The application is preparing for FCC Class II Permissive Change. The differences compared with the original application are:

### 1. Add FPC antenna for model: AW-CM358 & AW-CM358SM

Original							
Antenna No.	Brand	Model	Ant. Net Gain (dBi)	Frequency range (GHz)	Antenna Type	Connector Type	Cable length (mm)
1	MAG.LAYERS	MSA-4008-25GC1-A2	2.98	2.4~2.4835	PIFA	i-pex(MHF)	155
			5.16	5.15~5.85			
2	AzureWave	AW-CM358AN	3.4	2.4~2.4835	PCB	None	NA
			3.4	5.15~5.85			
3	FOXCONN	EA-2INP501-0010	1.17	2.4~2.4835	PIFA	ipex(MHF)	90
			5.09	5.15~5.35			
			6.38	5.475~5.725			
4	FOXCONN	EA-2RUNMAP-0010	3.08	2.4~2.4835	PIFA	w/ RP-SMA to ipex(MHF) cable	1935
			2.07	5.15~5.35			
			2.86	5.475~5.725			
			3.45	5.725~5.85			
Newly							
Antenna No.	Brand	Model	Ant. Net Gain (dBi)	Frequency range (GHz)	Antenna Type	Connector Type	Cable length (mm)
5	Beijing Radiocraft Technology Co., LTD	RACL-GP-00-3I-001	3.64	2.4~2.4835	FPC	IPEX	120
			3.32	5.15~5.25			
			3.37	5.25~5.35			
			4.02	5.475~5.725			
			3.88	5.725~5.85			

NOTE: Antenna 4 is sold with RP-SMA to ipex(MHF) adapter cable and is included in cable length calculation. RP-SMA connector is for BT/WLAN TX w/ this module. SMA connectors on Antenna 4 are for WWAN/GPS only.

According to above conditions, only RF Output Power, AC Power Conducted Emissions and Unwanted Emissions test items need to be performed. All data for meeting the requirement is verified and had reduce the power and power setting for new antenna.

The changes to the device will not alter or offer any capabilities that will modify DFS Setting.

Except for the changes mentioned above, no other modification is performed.

Regards,

*Emerald*

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