

## G90 Firmware V1.76 Final Update Instructions

The purpose of this brief note is to describe the process to update the G90 firmware ('FW') to run the V1.76 Final version. Changes in this updated version are:

- Set ATU tuning power to ~5W
- Change AGC time constant:  
    Slow mode:~1.2s  
    Fast mode:~0.1s
- Fixed the issue of long AGC recovery time(with slow mode) when switching back from tx status
- Range of SWR extended to 1~10 when combined with GSOC
- Note: Compatible with the Display or head FW version >=1.75

In this version, only the Main or rear part of the G90 needs to be updated from firmware version V1.75 Final. Use the normal TeraTerm software tool to apply this update, as is done with all prior firmware updates.

Here are the steps:

1. If you do not yet have FW V1.75 Final installed, then begin by installing the Display or front part firmware file  
    "G90\_Dispatch\_FW\_V1.75final2020090501.XGF" in the Display unit.
2. Install the firmware file "G90\_MainUnit\_FW\_V1.76final20201202.XGF" in the Main or rear unit.
3. After V1.76 Final is loaded, G90 System Command 10, Versions: shows

BASE:V1 .76  
Dec 2 2020,11:35:11

APP :V1 .75  
Sep 5 2020,09:46:53

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