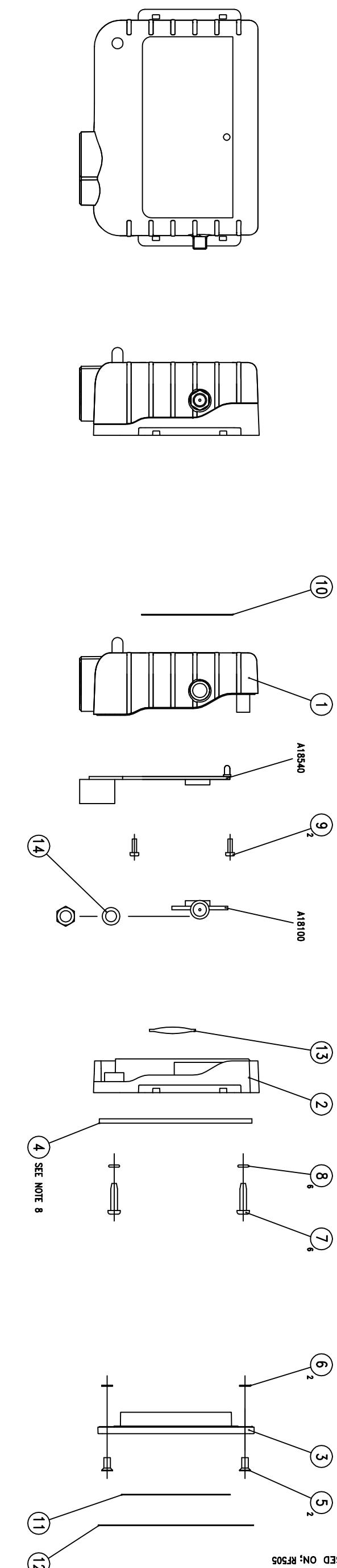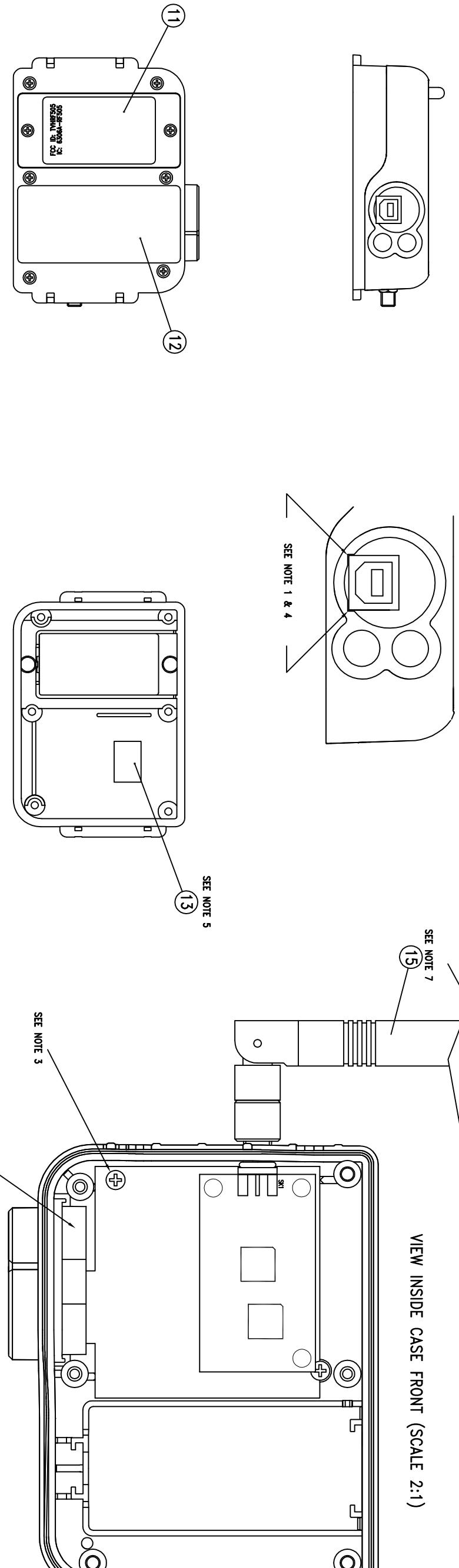# NOTES

1. FILE THE LARGE HOLE IN THE TURRET OF THE CASE FRONT (ITEM 1) IN THE TWO POSITIONS SHOWN. INSERT THE PCB ASSEMBLY (A18540) INTO THE CASE AND ENSURE THAT THE USB CONNECTOR DOES NOT FOUL THE INSIDE OF THE TURRET. REMOVE ANY ADDITIONAL MATERIAL WITH THE FILE UNTIL THE CONNECTOR FITS CORRECTLY.

2. AFFIX THE PCB ASSEMBLY A18540 INTO POSITION (LOOSELY TO ALLOW MOVEMENT) WITH THE TWO SCREWS (ITEM 9).

3. REMOVE NUT FROM THE RF CONNECTOR ON PCB (A18100), STRETCH THE O RING (ITEM 14) OVER THE THREAD INTO THE GROOVE. INSERT THE RF CONNECTOR THROUGH THE HOLE IN THE SIDE (ITEM 1), ENSURE THE PLUG IS FULLY MATED INTO THE SOCKET ON THE LOWER PCB. REPLACE THE NUT AND TIGHTEN, ENSURING THAT THE PCB DOES NOT TWIST AND REMAINS CONNECTED TO THE LOWER PCB. TIGHTEN THE TWO MAIN PCB FIXING SCREWS (ITEM 9).

4. COMPLETELY TAPE OVER THE OPEN END OF THE TURRET COVERING THE USB CONNECTOR USING MASKING TAPE OR EQUIVALENT. FROM THE INSIDE OF THE CASE FRONT, PARTLY FILL THE RECESSES AROUND THE USB CONNECTOR. DO NOT OVERFILL SO THAT THE RTV LEAKS INTO THE REAR OF THE USB CONNECTOR. STAND THE CASE UPRIGHT AND LEAVE FOR AT LEAST 24 HOURS FOR RTV SEALANT TO DRY.

5. AFFIX THE SILICA GEL SACHET (ITEM 13) TO THE INSIDE OF THE CASE REAR (ITEM 2) IN POSITION SHOWN.

6. AFFIX CASE REAR (ITEM 2) INTO POSITION WITH SCREWS (ITEM 7) AND O RINGS (ITEM 8).

7. SCREW AERIAL (ITEM 15) INTO POSITION.

8. INSERT BATTERY COMPARTMENT SEAL (ITEM 4) INTO GROOVE IN CASE REAR. ENSURE IT IS CORRECTLY SEATED.

9. AFFIX BATTERY COVER (ITEM 3) TO CASE REAR (ITEM 2) WITH SCREWS (ITEM 5) AND RETAINING WASHERS (ITEM 6).

10. AFFIX FRONT LABEL (ITEM 10) AND FCC LABEL (ITEM 11) INTO POSITION.

11. GENERATE PRODUCT SERIAL NUMBER, ATTACH BEHIND CLEAR WINDOW OF REAR LABEL (ITEM 12) AND AFFIX TO CASE REAR IN POSITION SHOWN.

12. INSERT PRODUCT INTO A PLASTIC BAG.

VIEW ON CASE FRONT TURRET (SCALE 2:1)

SEE NOTE 1 & 4

VIEW INSIDE CASE FRONT (SCALE 2:1)

SEE NOTE 3

SEE NOTE 4

DO NOT OVER FILL WITH SEALANT

SEE NOTE 7

SEE NOTE 5

A18540

A18100

SEE NOTE 8

DO NOT SCALE PRINT

USED ON	ISSUE	DATE	MOD.		ISSUE	DATE	MOD.
	1	01.09.08	PRODUCTION RELEASE				

DIMENSIONS IN mm	MATL:-		
FINISH:-			

SCALE:-	1:1	DRN.	DG	TITLE:-
TOLERANCES		TRC'D.		
		CHK'D.		
		APP'D.		

Comark Limited Hitchin, Herts. Tel. 0844 8156599

RF505 SURVEY GATEWAY NODE
GENERAL ASSEMBLY

DRAWING No.	A1 / GA /11378
SHEET	1 OF 1

A1/ GA /11378

CAD REF. 11378A01.DWG
USED ON: RF505