1.2 Purpose of Application

The purpose of the change is to report changes in the original certified product for reason of removing the weather band radio feature. The main modification is the removal of weather band receiver parts. Due to this change, few components were removed on the two-way radio.

All design including electronic, electrical, mechanical, PCB layout and cosmetics designs remain the same except the above-mentioned change.

The above-mentioned change is not intended for maximum power and change on field strength ratings.

Therefore, the SAR re-test is not required, and only the spurious emission results are included in this report.

The purpose of application and list of removed components are saved with filename: purpose of change.pdf.

1.3 Test Methodology

Radiated emission measurements were performed according to the procedures in ANSI C63.4 (2001) and ANSI/TIA/EIA-603-A-2001. All measurement were performed in Open Area Test Sites. Preliminary scans were performed in the Open Area Test Sites only to determine worst case modes. For each scan, the procedure of maximizing emissions in Appendices D and E were followed. All Radiated tests were performed at an antenna the EUT distance of 3 meters, unless stated otherwise in the **"Justification Section"** of this Application.

1.4 Test Facility

The open area test site and conducted measurement facility used to collect the emission data is located at Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong. The test facility and site measurement data have been fully placed on file with the FCC.

ISO 9001: 1994
Certificate No. 95-LON-AQ-382

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The follow table is component change from SX700 change to SX720

Item	P/N	Description	QTY	Location	Add / Delete
1	KCC-102FKBGNG	CAP CER CHIP 50V X7R +/-10% 0.001u	3	C703,C709,C715	Delete
2	KCC-100FCNPOG	CAP.CER. CHIP 50V NPO C% 10pF	2	C701,C706	Delete
3	KCC-101FRJNPOB	CAP. CER. CHIP 50V CH J% 100PF	1	C722	Delete
4	KCC-102FKBGNG	CAP CER CHIP 50V X7R +/-10% 0.001u	3	C704,C710,C714	Delete
5	KCC-104DZFEYG	CAP CER CHIP 16V Y5V Z 0.1uF	1	C713	Delete
6	KCC-109FCNPOMUG	CAP.CER.CHIP 50V CH C% 1PF	1	C712	Delete
7	KCC-200FCCOG	CAP.CER CHIP 50V COG +/-0.25P 20PF	2	C708,C717	Delete
8	KCC-220FJNPO	CAP.CER.CHIP 50V CH J% 22PF	1	C718	Delete
9	KCC-223DKBMUG	CAP.CER.CHIP 16V B K% 22NF	2	C719,C723,	Delete
10	KCC-224BRKBB	CAP CER CHIP 10V B F 0.22UF	1	C720	Delete
11	KCC-470FJNPO	CAP CER CHIP 50V NPO J% 47PF	1	C721	Delete
12	KCC-509FCNPO	CAP. CER. CHIP 50V CH C% 5PF	1	C705	Delete
13	KCC-561FKBGNG	CAP CER CHIP 50V X7R +/-10% 560PF	1	C711	Delete
14	KCC-909FDNPO	CAP. CER. CHIP 50V CH D 9PF	1	C716	Delete
15	KCD-1SS314	DIODE PIN 1SS314	1	D701	Delete
16	KCD-214	DIODE VARACTOR 1SV214	1	VD701	Delete
17	KCL-101MU-1	INDUCTOR CHIP 100NH +-5% LQG11AR10J00T	3	L701,L704,L706	Delete
18	KCL-470MU-1	INDUCTOR CHIP 47NH +-5% LQG18HN47NJ00D	1	L703	Delete
19	KCL-680MU-1	INDUCTOR CHIP 68NH +-5% LQG11A68NJ00	1	L705	Delete
20	KCL-820MU-1	INDUCTOR CHIP 82NH +/-5% LQG11A82NJ00	1	L707	Delete
21	KCR-000G	RES. CHIP 1/16W 0 OHM	1	R704	Delete
22	KCR-100G	RES. CHIP 1/16W 10 OHM	1	R711	Delete
23	KCR-101G	RES. CHIP 1/16W 100 OHM	1	R709	Delete
24	KCR-102G	RES. CHIP 1/16W 1K	1	R702	Delete
25	KCR-221G	RES. CHIP 1/16W 220	2	R706,R708	Delete
26	KCR-222G	RES. CHIP 1/16W 2.2K	2	R710,R716	Delete
27	KCR-223G	RES. CHIP 1/16W 22K	3	R713,R717,R718	Delete
28	KCR-331G	RES. CHIP 1/16W 330	2	R712,R715	Delete
29	KCR-332G	RES. CHIP 1/16W 3.3K	1	R714	Delete
30	KCR-391G	RES. CHIP 1/16W 390	1	R705	Delete
31	KCR-474G	RES. CHIP 1/16W 470K	1	R707	Delete
32	KCR-683G	RES CHIP 1/16W 5% 68K	1	R703	Delete
33	KCR-822G	RES. CHIP 1/16W 8.2K	1	R701	Delete
34	KCT-2SA1611-M6	TR. CHIP PNP 2SA1611-M6	1	Q704	Delete
35	KCT-2SC4901	TR. CHIP NPN 2SC4901	2	Q701,Q702	Delete
36	KCT-2SC5090-O	TR.CHIP NPN 2SC5090-O	1	Q703	Delete
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