



FCC Part 15D Application Form & Self-Declaration

Manufacturer:	ARRIS International, Inc.
Model Numbers:	MG2402G/CT
Serial Number:	HSF 120936209999920-60B35ZM10B01P
Description:	The MG2402 provides a DECT interface so remote handsets can be used in a VoIP configuration over the coaxial cable provider's network.
Power Source:	12 VDC to 120 VAC via External Power Supply
Hardware Revision:	V 8.0.40
Modulation Type:	GFSK
Operating Frequencies:	1921.536 -1928.448 MHz
Emission Designator:	1M49F7E (FCC), 1M20F7E (IC)
Antenna Gain:	0.5 dBi

Number of channels:	5				
Carriers frequency (MHz)	1921.536	1923.264	1924.992	1926.720	1928.448
Maximum Peak Power Level (dBm)	19.83		19.83		19.82
Nominal Receive Bandwidth	+/- 500 kHz				
Frame period (ms)	10				
Timeslot Plan	24 timeslots per frame. First 12 timeslots are used for PP transmissions and the other 12 timeslots are used for FP transmissions				
Nominal Burst Length (us)	388.8 µs				
Operating Temperature Range (°C)	Min	-20	Max	+50	

Does a system built with the EUT that implement the provisions of 47CFR 15.323(c) (5) regarding the process of selecting the least interfering channel (LIC)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
According to 47CFR 15.323(c) (5), does your model not use bandwidth in further cooperation with other devices at any range?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does a system built using the EUT that operate under the provisions of 47CFR 15.323(c) (6) incorporating provisions for waiting for a channel to go clear? (eg Random Waiting)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
According to 47CFR 15.323(c)(8), does EUT use the same antennas for transmission and reception as for monitoring?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does a system built using the EUT that operate under the provisions of 47CFR 15.323(c) (10) to test for deferral only in conjunction with a companion device? (eg Duplex Connections)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does a system built with the EUT that operate under the provisions of 47CFR 15.323(c) (11) enabling the access criteria check on the receive channel while in the presence of collocated interferers?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
According to 47CFR 15.323(c) (12), does EUT not work in a mode which denies fair access to spectrum for other devices?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does your model have the monitoring made through the radio receiver used for communications?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does your model transmit control and signaling channels?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
According to 47CFR 15.307(b), does the applicant have the affidavit from UTAM Inc.?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
According to 47CFR 15.319(b), do all transmissions use only digital modulation techniques?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

The provisions within the EUT for self-check, by which compliance with 47 CFR 15.319(f) is obtained:	A- Connection break down, cease of transmit	Test case		Reaction of EUT
		B- Connection break down, EUT transmits signaling information	1	Switch – off counterpart
C- Connection break down, counter part transmits signaling information	2	Hook – on by counterpart	-	
	3	Switch – off by EUT	A	
	4	Hook – on at EUT side	-	
	5	Remove power from EUT	A	
	6	Remove power from counterpart	B	

DECLARED BY: ARRIS International, Inc.

June 17, 2013
Date

Edward Champion, Jr
Name (print)

Edward Champion Jr
Signature

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