



Model #
Firmware Version

XG-25 Mobile Radio R16D07 XG-75 Portable Radio XG-100 Portable Radio XG-25 Portable Radio R16D07 XM-100F Mobile Radio M7300 Mobile Radio

| Test # | REQUIREMENTS | Pass/Fail | Pass/Fail | Pass/Fail | Pass/Fail | Pass/Fail | Pass/Fail | Comments |
|--------|---|-------------|-------------|-------------|-------------|-------------|-------------|--|
| | System Registration | | | | | | | |
| 1a | Full System Registration: Valid ID | P | P | P | P | P | P | |
| 1b | Full system Registration: Invalid ID | P | P | UT | P | P | P | UT = Untested due to programming software communications issue. |
| 2a | Talk Group Affiliation: Valid Group | P | P | P | P | P | P | |
| 2b | Talk Group Affiliation: Invalid Group | P | P | UT | P | P | P | |
| | Voice Group Calls | | | | | | | |
| 3a | Talk Group Voice Call: Transmit | P | P | P | P | P | P | |
| 3b | Talk Group Voice Call: Receive | P | P | P | P | P | P | |
| 3c | Talk Group Voice Call: Late Entry | P | P | P | P | P | P | |
| 3d | Talk Group Voice Call: Invalid radio | P | P | UT | P | P | P | |
| 4a | Dynamic Regroup TG Voice Call: Transmit | | | | | | | Not Tested |
| 4b | Dynamic Regroup TG Voice Call: Received | | | | | | | Not Tested |
| | Multi Site Registration | | | | | | | |
| 5a | Radio Registration: Denied to Approved Site | P | P | P | P | P | P | |
| 5b | Radio De-Registration: Power Down | P | P | P | P | P | P | |
| 5c | Radio D- Registration: Conv. Channel Change | P | P | UT | P | P | P | |
| | Emergency Alarm/Call | | | | | | | |
| 6a | Emergency Alarm | | | | | | | |
| 6b | Emergency Alarm: Invalid radio | ** | ** | ** | ** | ** | ** | Couldn't determine if Alarm was sent. No Ack message is displayed. |
| 6c | Emergency Call: Revert | P | P | UT | P | P | P | |
| 6d | Emergency Call: Invalid radio | P | P | P | P | P | P | |
| 6e | Clear Emergency | P | P | UT | P | P | P | |
| 6f | Emergency Call: Queued | ** | ** | ** | ** | ** | ** | Emergency only seems to clear once the emergency channel is reassigned by the FNE. |
| | Encrypted Group Calls | | | | | | | Not Tested |
| 7a | Encrypted Talk Group Call: Transmit | Not Enabled | Encryption mode not turned on per system/group sets. No encryption keys. |
| 7b | Encrypted Talk Group Call: Receive | Not Enabled | |
| | Roaming with Automatic Registration | | | | | | | |
| 8a | Adjacent Control Channel List | P | P | P | P | P | P | |
| 8b | Control Channel List Roaming (extended hunt) | P | P | P | P | P | P | |
| 8c | Full Band Hunt (FFS) | P | P | UT | P | P | P | |
| 9a | Roaming Field Test | P | P | P | P | P | P | |
| | Radio Inhibit | | | | | | | |
| 10a | Registered Radio Inhibit | P | P | P | P | P | P | |
| 10b | Registered Radio Cancel Inhibit | P | P | P | P | P | P | |
| 10c | Inhibit Non-Registered radio | P | P | P | P | P | P | |
| 10d | Cancel Inhibit Non-Registered radio | P | P | P | P | P | P | |
| 11a | Radio Check | P | P | P | P | P | P | |
| 12a | Transmitter Time Out | P | P | UT | P | P | P | |
| 13a | Call Alert (optional) | P | P | UT | P | P | P | |
| | Talk Group Patch/Multiselect Calls: Receive | | | | | | | |
| 14a | Receive Talk Group Patch Call | P | P | P | P | P | P | |
| 14b | Receive Merged Talk Group Patch Call | P | P | P | P | P | P | |
| 14c | Receive Talk Group Multiselect Call | P | P | P | P | P | P | |
| 14d | Receive Merged Talk Group Multiselect Call | P | P | P | P | P | P | |
| | Talk Group Patch Calls: Transmit | | | | | | | |
| 15a | Transmit on Patch Talk Group | P | P | P | P | P | P | |
| 15b | Transmit on Merged Patch Talk Group | P | P | P | P | P | P | |
| | Talk Group Patch/Multiselect Calls: Scanning | | | | | | | |
| 16a | Receive Scanned Patch Group Call | P | P | P | P | P | P | |
| 16b | Receive Scanned Merged Patch Group Call | P | P | P | P | P | P | |
| 16c | Receive Scanned Multiselect Group Call | P | P | P | P | P | P | |
| 16d | Receive Scanned Multiselect Merged Group Call | P | P | P | P | P | P | |