




DOCUMENT CHANGE REQUEST

|   |  |   |  |                                     |  |                            |  |
|---|--|---|--|-------------------------------------|--|----------------------------|--|
| DCR number  |  | 1739  |  | Changes required for: Qualification |  | Originator: Melanie Mrozek |  |
| Date: 2025/07/17  |  |   |  | Date sent: 2025/05/20               |  | Organisation: Radiall      |  |
| Status: IMPLEMENTED   |  |   |  |                                     |  |                            |  |
| Title:  |  | RF cable assembly, TNC, very high power, 50 ohms, semi-rigid and flexible cable, DC to 18 GHz |  |                                     |  |                            |  |
| Number:   |  | 3408/001  |  | Issue:                              |  | 2                          |  |
| Other documents affected:   |  |   |  |                                     |  |                            |  |
|   |  |   |  |                                     |  |                            |  |
| Page:   |  |   |  |                                     |  |                            |  |
| 17  |  |   |  |                                     |  |                            |  |
| Paragraph:  |  |   |  |                                     |  |                            |  |
| 2.4   |  |   |  |                                     |  |                            |  |
| Original wording:   |  |   |  |                                     |  |                            |  |
| Variant 04 to 13 / f = 4 to 8GHz / Max 1.45 (see table)   |  |   |  |                                     |  |                            |  |
| Proposed wording:   |  |   |  |                                     |  |                            |  |
| Variant 04 to 06 / f = 4 to 8GHz / Max 1.45   |  |   |  |                                     |  |                            |  |
| Variant 07 to 13 / f = 4 to 5 GHz => Max 1.45 + f = 5 to 8 GHz => Max 1.60  |  |   |  |                                     |  |                            |  |
| Justification:  |  |   |  |                                     |  |                            |  |
| Update VSWR limits for variant 07 to 13 (female configurations) because Radiall do not succeed to pass this sanctions with female connectors configuration. |  |   |  |                                     |  |                            |  |
| Same results during initial qualification (report n°2015.38.4573) config B – limit design.  |  |   |  |                                     |  |                            |  |
| Attachments:  |  |   |  |                                     |  |                            |  |
| escc3408001iss3_draft_a_in_review.docx  |  |   |  |                                     |  |                            |  |
| Modifications:  |  |   |  |                                     |  |                            |  |
| N/A   |  |   |  |                                     |  |                            |  |
| Approval signature:   |  |   |  |                                     |  |                            |  |
|   |  |   |  |                                     |  |                            |  |
| Date signed:  |  |   |  |                                     |  |                            |  |
| 2025-07-17  |  |   |  |                                     |  |                            |  |