

Validation Report for 2 created on 07/07/2026 - start time: 13:02:14 - duration: 1min. 6sec. by user ENGRINUW using version: 10.0.4.91

C:\Users\Engrinuwa\Desktop\NEW FILING\NIGCOMSAT-1R 42.5E\NIGCOMSAT-1R-42.5E (1).mdb

Satellite Name: NIGCOMSAT-1R - Adm.:NIG - Orb. Pos.: 42.5E - Station Type: G - Notification Reason: Coordination

VALIDATION RESULT: 38 Errors Warnings:38

Beam	E/R	Grp Id	Table	Field	Value	Row	Valerr	Rule	F/W	Ap4 Ref	Error Message
K1UA	R	166	e_as_stn	bmwidth	0.3	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.31 - 0.4)
K3UA	R	175	e_as_stn	bmwidth	0.35	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.16 - 0.2)
K3UA	R	176	e_as_stn	bmwidth	0.3	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.31 - 0.4)
K3UA	R	178	e_as_stn	bmwidth	1.6	1	695	4	W	C.10.d.4	Value outside computed allowable range (1.17 - 1.49)
KA1DA	E	156	e_as_stn	bmwidth	2.3	1	695	4	W	C.10.d.4	Value outside computed allowable range (2.47 - 3.14)
KA1DA	E	157	e_as_stn	bmwidth	4.6	1	695	4	W	C.10.d.4	Value outside computed allowable range (4.98 - 6.34)
KA1UA	R	179	e_as_stn	gain	70.3	1	694	3	W	C.10.d.3	Value outside range based on notified frequencies
KA1UA	R	181	e_as_stn	bmwidth	0.6	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.7 - 0.89)
KA1UA	R	181	emiss	pwr_ds_max	-36.3	3	671	4	W	C.8.a.2/C.8.b.2/C.8.b.3.b	It appears that submitted pwr_ds_max and design_emi 110KG7W-- is not derived using Recommendation ITU-R SF. 675. See Note 2 of footnotes to Table A, B, C and D of Annex 2 of Appendix 4. Power spectral density should be averaged over averaging bandwidth of 1 MHz taking into account maximum number of carriers to occupy any given 1 MHz band. The validation shows that instead, an average bandwidth of 110 kHz was used
KA1UA	R	181	emiss	pwr_ds_max	-36.3	4	671	4	W	C.8.a.2/C.8.b.2/C.8.b.3.b	It appears that submitted pwr_ds_max and design_emi 30K0G7W-- is not derived using Recommendation ITU-R SF. 675. See Note 2 of footnotes to Table A, B, C and D of Annex 2 of Appendix 4. Power spectral density should be averaged over averaging bandwidth of 1 MHz taking into account maximum number of carriers to occupy any given 1 MHz band. The validation shows that instead, an average bandwidth of 30 kHz was used
KA1UA	R	182	e_as_stn	bmwidth	1.6	1	695	4	W	C.10.d.4	Value outside computed allowable range (1.73 - 2.2)
KA1UA	R	182	emiss	pwr_ds_max	-32.8	4	671	4	W	C.8.a.2/C.8.b.2/C.8.b.3.b	It appears that submitted pwr_ds_max and design_emi 30K0G7W-- is not derived using Recommendation ITU-R SF. 675. See Note 2 of footnotes to Table A, B, C and D of Annex 2 of Appendix 4. Power spectral density should be averaged over averaging bandwidth of 1 MHz taking into account maximum number of carriers to occupy any given 1 MHz band. The validation shows that instead, an average bandwidth of 30 kHz was used

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KA1UA	R	182	emiss	pwr_ds_max	-32.8	3	671	4	W	C.8.a.2/C.8.b.2/C.8.b.3.b	It appears that submitted pwr_ds_max and design_emi 110KG7W-- is not derived using Recommendation ITU-R SF. 675. See Note 2 of footnotes to Table A, B, C and D of Annex 2 of Appendix 4. Power spectral density should be averaged over averaging bandwidth of 1 MHz taking into account maximum number of carriers to occupy any given 1 MHz band. The validation shows that instead, an average bandwidth of 110 kHz was used
KA1UA	R	185	e_as_stn	bmwidth	0.6	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.7 - 0.89)
KA1UA	R	185	emiss	pwr_ds_max	-36.3	4	671	4	W	C.8.a.2/C.8.b.2/C.8.b.3.b	It appears that submitted pwr_ds_max and design_emi 30K0G7W-- is not derived using Recommendation ITU-R SF. 675. See Note 2 of footnotes to Table A, B, C and D of Annex 2 of Appendix 4. Power spectral density should be averaged over averaging bandwidth of 1 MHz taking into account maximum number of carriers to occupy any given 1 MHz band. The validation shows that instead, an average bandwidth of 30 kHz was used
KA1UA	R	185	emiss	pwr_ds_max	-36.3	3	671	4	W	C.8.a.2/C.8.b.2/C.8.b.3.b	It appears that submitted pwr_ds_max and design_emi 110KG7W-- is not derived using Recommendation ITU-R SF. 675. See Note 2 of footnotes to Table A, B, C and D of Annex 2 of Appendix 4. Power spectral density should be averaged over averaging bandwidth of 1 MHz taking into account maximum number of carriers to occupy any given 1 MHz band. The validation shows that instead, an average bandwidth of 110 kHz was used
KA1UA	R	186	e_as_stn	bmwidth	1.6	1	695	4	W	C.10.d.4	Value outside computed allowable range (1.73 - 2.2)
KA1UA	R	186	emiss	pwr_ds_max	-32.8	3	671	4	W	C.8.a.2/C.8.b.2/C.8.b.3.b	It appears that submitted pwr_ds_max and design_emi 110KG7W-- is not derived using Recommendation ITU-R SF. 675. See Note 2 of footnotes to Table A, B, C and D of Annex 2 of Appendix 4. Power spectral density should be averaged over averaging bandwidth of 1 MHz taking into account maximum number of carriers to occupy any given 1 MHz band. The validation shows that instead, an average bandwidth of 110 kHz was used
KA1UA	R	186	emiss	pwr_ds_max	-32.8	4	671	4	W	C.8.a.2/C.8.b.2/C.8.b.3.b	It appears that submitted pwr_ds_max and design_emi 30K0G7W-- is not derived using Recommendation ITU-R SF. 675. See Note 2 of footnotes to Table A, B, C and D of Annex 2 of Appendix 4. Power spectral density should be averaged over averaging bandwidth of 1 MHz taking into account maximum number of carriers to occupy any given 1 MHz band. The validation shows that instead, an average bandwidth of 30 kHz was used
KA1UA	R	187	e_as_stn	gain	70.3	1	694	3	W	C.10.d.3	Value outside range based on notified frequencies
KA1UA	R	188	e_as_stn	gain	70.3	1	694	3	W	C.10.d.3	Value outside range based on notified frequencies
KA1UA	R	191	e_as_stn	bmwidth	0.6	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.7 - 0.89)

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KA1UA	R	191	emiss	pwr_ds_max	-36.3	4	671	4	W	C.8.a.2/C.8.b.2/C.8.b.3.b	It appears that submitted pwr_ds_max and design_emi 30K0G7W-- is not derived using Recommendation ITU-R SF. 675. See Note 2 of footnotes to Table A, B, C and D of Annex 2 of Appendix 4. Power spectral density should be averaged over averaging bandwidth of 1 MHz taking into account maximum number of carriers to occupy any given 1 MHz band. The validation shows that instead, an average bandwidth of 30 kHz was used
KA1UA	R	191	emiss	pwr_ds_max	-36.3	3	671	4	W	C.8.a.2/C.8.b.2/C.8.b.3.b	It appears that submitted pwr_ds_max and design_emi 110KG7W-- is not derived using Recommendation ITU-R SF. 675. See Note 2 of footnotes to Table A, B, C and D of Annex 2 of Appendix 4. Power spectral density should be averaged over averaging bandwidth of 1 MHz taking into account maximum number of carriers to occupy any given 1 MHz band. The validation shows that instead, an average bandwidth of 110 kHz was used
KA1UA	R	192	e_as_stn	bmwidth	0.6	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.7 - 0.89)
KA1UA	R	192	emiss	pwr_ds_max	-36.3	4	671	4	W	C.8.a.2/C.8.b.2/C.8.b.3.b	It appears that submitted pwr_ds_max and design_emi 30K0G7W-- is not derived using Recommendation ITU-R SF. 675. See Note 2 of footnotes to Table A, B, C and D of Annex 2 of Appendix 4. Power spectral density should be averaged over averaging bandwidth of 1 MHz taking into account maximum number of carriers to occupy any given 1 MHz band. The validation shows that instead, an average bandwidth of 30 kHz was used
KA1UA	R	192	emiss	pwr_ds_max	-36.3	3	671	4	W	C.8.a.2/C.8.b.2/C.8.b.3.b	It appears that submitted pwr_ds_max and design_emi 110KG7W-- is not derived using Recommendation ITU-R SF. 675. See Note 2 of footnotes to Table A, B, C and D of Annex 2 of Appendix 4. Power spectral density should be averaged over averaging bandwidth of 1 MHz taking into account maximum number of carriers to occupy any given 1 MHz band. The validation shows that instead, an average bandwidth of 110 kHz was used
KA1UA	R	193	e_as_stn	bmwidth	1.6	1	695	4	W	C.10.d.4	Value outside computed allowable range (1.73 - 2.2)
KA1UA	R	193	emiss	pwr_ds_max	-32.8	4	671	4	W	C.8.a.2/C.8.b.2/C.8.b.3.b	It appears that submitted pwr_ds_max and design_emi 30K0G7W-- is not derived using Recommendation ITU-R SF. 675. See Note 2 of footnotes to Table A, B, C and D of Annex 2 of Appendix 4. Power spectral density should be averaged over averaging bandwidth of 1 MHz taking into account maximum number of carriers to occupy any given 1 MHz band. The validation shows that instead, an average bandwidth of 30 kHz was used

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KA1UA	R	194	e_as_stn	bmwidth	1.6	1	695	4	W	C.10.d.4	Value outside computed allowable range (1.73 - 2.2)
KA1UA	R	194	emiss	pwr_ds_max	-32.8	3	671	4	W	C.8.a.2/C.8.b.2/C.8.b.3.b	It appears that submitted pwr_ds_max and design_emi 110KG7W-- is not derived using Recommendation ITU-R SF. 675. See Note 2 of footnotes to Table A, B, C and D of Annex 2 of Appendix 4. Power spectral density should be averaged over averaging bandwidth of 1 MHz taking into account maximum number of carriers to occupy any given 1 MHz band. The validation shows that instead, an average bandwidth of 110 kHz was used
KA1UA	R	194	emiss	pwr_ds_max	-32.8	4	671	4	W	C.8.a.2/C.8.b.2/C.8.b.3.b	It appears that submitted pwr_ds_max and design_emi 30K0G7W-- is not derived using Recommendation ITU-R SF. 675. See Note 2 of footnotes to Table A, B, C and D of Annex 2 of Appendix 4. Power spectral density should be averaged over averaging bandwidth of 1 MHz taking into account maximum number of carriers to occupy any given 1 MHz band. The validation shows that instead, an average bandwidth of 30 kHz was used
KA2DA	E	159	e_as_stn	bmwidth	2.3	1	695	4	W	C.10.d.4	Value outside computed allowable range (2.47 - 3.14)
KA2DA	E	160	e_as_stn	bmwidth	4.6	1	695	4	W	C.10.d.4	Value outside computed allowable range (4.98 - 6.34)
KA2UA	R	196	e_as_stn	gain	65.4	1	694	3	W	C.10.d.3	Value outside range based on notified frequencies
KA2UA	R	197	e_as_stn	gain	65.4	1	694	3	W	C.10.d.3	Value outside range based on notified frequencies
KTC1	R	200	e_as_stn	bmwidth	0.3	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.31 - 0.4)