

Validation Report for 1 created on 03/12/2025 - start time: 13:57:32 - duration: 0min. 26sec. by user ENGRINUW using version: 10.0.0.66

C:\Users\Engrinuwa\Desktop\NEW FILING\NIGCOMSAT-2D-9.5W (1).mdb

Satellite Name: NIGCOMSAT-2D - Adm.:NIG - Orb. Pos.: 9.5W - Station Type: G - Notification Reason: Coordination

VALIDATION RESULT: 66 Errors Warnings:66

Beam	E/R	Grp Id	Table	Field	Value	Row	Valerr	Rule	F/W	Ap4 Ref	Error Message
C1DA	E	1	e_as_stn	bmwidth	1.2	1	695	4	W	C.10.d.4	Value outside computed allowable range (1.32 - 1.69)
C1DA	E	2	e_as_stn	bmwidth	2.3	1	695	4	W	C.10.d.4	Value outside computed allowable range (2.47 - 3.14)
C1DA	E	3	e_as_stn	bmwidth	4.6	1	695	4	W	C.10.d.4	Value outside computed allowable range (4.98 - 6.34)
C2UA	R	18	e_as_stn	bmwidth	0.33	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.36 - 0.45)
C2UA	R	19	e_as_stn	bmwidth	0.5	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.53 - 0.68)
C2UA	R	20	e_as_stn	bmwidth	0.9	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.97 - 1.24)
C2UA	R	21	e_as_stn	bmwidth	2	1	695	4	W	C.10.d.4	Value outside computed allowable range (2.17 - 2.77)
CIUA	R	14	e_as_stn	bmwidth	0.33	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.36 - 0.45)
CIUA	R	15	e_as_stn	bmwidth	0.5	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.53 - 0.68)
CIUA	R	16	e_as_stn	bmwidth	0.9	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.97 - 1.24)
CIUA	R	17	e_as_stn	bmwidth	2	1	695	4	W	C.10.d.4	Value outside computed allowable range (2.17 - 2.77)
CIUA	R	90	e_as_stn	bmwidth	0.33	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.36 - 0.45)
CIUA	R	91	e_as_stn	bmwidth	0.5	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.53 - 0.68)
CIUA	R	92	e_as_stn	bmwidth	0.9	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.97 - 1.24)
CIUA	R	93	e_as_stn	bmwidth	2	1	695	4	W	C.10.d.4	Value outside computed allowable range (2.17 - 2.77)
K1DA	E	111	e_as_stn	bmwidth	0.4	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.45 - 0.57)
K1UA	R	23	e_as_stn	bmwidth	0.3	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.31 - 0.4)
K2DA	E	121	e_as_stn	bmwidth	0.4	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.45 - 0.57)
K3DA	E	57	e_as_stn	bmwidth	0.4	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.45 - 0.57)
K3UA	R	45	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	47	e_as_stn	bmwidth	1.6	1	695	4	W	C.10.d.4	Value outside computed allowable range (1.17 - 1.49)
KA1UA	R	25	e_as_stn	gain	70.3	1	694	3	W	C.10.d.3	Value outside range based on notified frequencies
KA1UA	R	27	e_as_stn	bmwidth	0.6	1	695	4	W	C.10.d.4	Value outside computed allowable range (0.7 - 0.89)

Beam	E/R	Grp Id	Table	Field	Value	Row	Valerr	Rule	F/W	Ap4 Ref	Error Message
KA1UA	R	27	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	27	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	28	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	28	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	28	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	67	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	67	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

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KA1UA	R	67	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	68	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	68	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	68	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	94	e_as_stn	gain	70.3	1	694	3	W	C.10.d.3	Value outside range based on notified frequencies
KA1UA	R	95	e_as_stn	gain	70.3	1	694	3	W	C.10.d.3	Value outside range based on notified frequencies
KA1UA	R	98	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	98	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	98	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	99	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	99	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	99	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	100	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	100	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	100	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	101	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	101	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	101	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
LBA	E	35	e_as_stn	bmwidth	180	1	695	4	W	C.10.d.4	Value outside computed allowable range (112.76 - 143.57)
LBA	E	36	e_as_stn	bmwidth	120	1	695	4	W	C.10.d.4	Value outside computed allowable range (77.12 - 98.19)
LBA	E	37	e_as_stn	bmwidth	30	1	695	4	W	C.10.d.4	Value outside computed allowable range (19.6 - 24.95)
LMSSDA	E		s_beam	gain	41		504	4	W	B.3.a.1	Value not compatible with notified frequencies
LMSSDA	E	43	e_as_stn	bmwidth	26	1	695	4	W	C.10.d.4	Value outside computed allowable range (28.32 - 36.06)
LMSSUA	R		s_beam	gain	41		504	4	W	B.3.a.1	Value not compatible with notified frequencies
LMSSUA	R	40	e_as_stn	bmwidth	26	1	695	4	W	C.10.d.4	Value outside computed allowable range (28.32 - 36.06)
NAVC1A	R	115	e_as_stn	gain	2	1	694	3	W	C.10.d.3	Value outside range based on notified frequencies
NAVC1A	R	117	e_as_stn	bmwidth	26	1	695	4	W	C.10.d.4	Value outside computed allowable range (28.32 - 36.06)
NAVC5A	R	118	e_as_stn	gain	2	1	694	3	W	C.10.d.3	Value outside range based on notified frequencies
NAVC5A	R	120	e_as_stn	bmwidth	26	1	695	4	W	C.10.d.4	Value outside computed allowable range (28.32 - 36.06)
NAVL1A	E	33	e_as_stn	bmwidth	170	1	695	4	W	C.10.d.4	Value outside computed allowable range (100.5 - 127.96)
NAVL5A	E	34	e_as_stn	bmwidth	170	1	695	4	W	C.10.d.4	Value outside computed allowable range (100.5 - 127.96)
TC1DA	E		s_beam	gain	0		504	4	W	B.3.a.1	Value not compatible with notified frequencies
TC1UA	R		s_beam	gain	0		504	4	W	B.3.a.1	Value not compatible with notified frequencies
TKA1UA	R	30	e_as_stn	gain	65.4	1	694	3	W	C.10.d.3	Value outside range based on notified frequencies
TKA1UA	R	103	e_as_stn	gain	65.4	1	694	3	W	C.10.d.3	Value outside range based on notified frequencies
TKA1UA	R	104	e_as_stn	gain	65.4	1	694	3	W	C.10.d.3	Value outside range based on notified frequencies