

Errata to Letter of Intent of New Spectrum Satellite, Ltd of May 26, 2020

Please apply the corrections below to New Spectrum Satellite’s Letter of Intent of May 26, 2020. The errata correct some improper references, clarify some language, update two figures to correct image corruption and increase numbering clarity, correct cited values, and omit paragraphs mistakenly included that are no longer relevant, due to Pleiades’ Feeder link spectrum change to Ka band (brought about by NSS’ abandonment of its C-band feeder link request due to pending spectrum conflicts). These minor corrections do not make any substantive changes to the May 26 Application, but merely correct some recently-discovered errors.

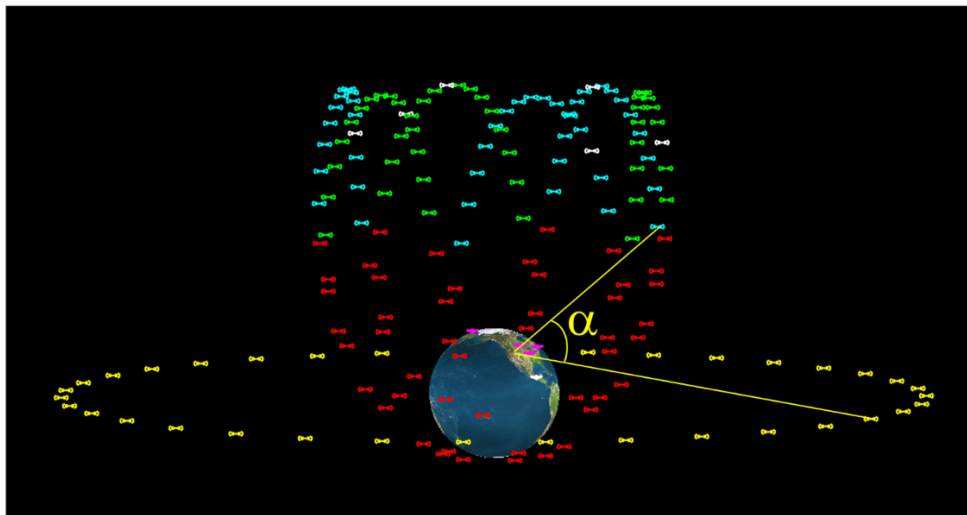
Page	Original Section #	Item	Correction	Reason
i	--	First paragraph	Insert “there” before ‘named “Virtual Geo TM ” ‘	Clarify were name used. Name changed as stated in following paragraph
5	1.4.1	Figure 1	Replace with “New Figure 1” below, caption unchanged.	Corrupted original illustration
16	3	First paragraph	Change all references to “Virtual Geo” to “Pleiades”	Improper reference
36	4.4.1	Figure 20	Replace with “New Figure 20” below. Caption unchanged.	Additional beam numbers added to facilitate beam identification
36	4.4.1		Change “around” to “outside”.	

Page	Original Section #	Item	Correction	Reason
		First paragraph below Figure 20	Add to end of paragraph: "Beam numbers for the principle axes are shown in the figure above. To find a beam number not shown, go to the number less than and closest to the sought number and count up to the desired number proceeding counterclockwise around that ring."	Clarifications relating to numbering of beams
53	6	Last paragraph of section	Change "Virtual Geo" to "NSS"	Improper reference
54	6.1	First paragraph	Change "Virtual Geo's" to "Pleiades' "	Improper reference
54	6.1	2 nd paragraph	Change first instance of "Virtual Geo" to "NSS"; Change second instance of "Virtual Geo" to "Pleiades"	Improper references
54-55	6.2	First paragraph	Omit phrase ", as described in Sections 3.2 and 3.3 above,"	Reference not valid
			Change all references to "Virtual Geo" to "Pleiades"	Improper reference
			Change "Figure 3.13.4" to "Figure 21"	Improper reference

Page	Original Section #	Item	Correction	Reason
55	6.2	2 nd paragraph	Replace paragraph with “Anywhere within US continental territory the minimum operational elevation angle is 32° in Southern Texas while the minimum elevation angle is 28° in Hawaii. This corresponds to a worst-case improvement factor of 20 dB in the continental United States and an 18 dB improvement factor in Hawaii.”	Correction of elevation angle figures and improvement factors
55–56	6.2	3 rd paragraph	Replace “10.7–11.7” with “11.2–11.7”	Frequencies below 11.2 GHz are not used.
			Omit “they are subject to”,	Clarifications
			Add “is a concern” after “FD interference”	
56-57	6.2	4 th – 6 th paragraphs	Omit these paragraphs	No longer relevant due to movement of feeder link bands to Ka band
57	6.2	7 th paragraph starting “Finally,”	Change all instances of “Virtual Geo” to “Pleiades”	Improper reference
57–58	6.5 and 6.6	All paragraphs	Omit	No longer relevant due to movement of feeder link bands to Ka band
58	6.7	First paragraph	Change “Virtual Geo” to “Pleiades”	Improper reference
			Renumber section to “6.5”	Renumbered due to removal of previous sections

Page	Original Section #	Item	Correction	Reason
59	6.7	2 nd bullet	Omit “, of which there are four per region”	“Four” is not relevant. Gateways will be introduced as needed to meet demand
59	6.7	Last paragraph	Change “Virtual Geo” to “NSS”	Improper reference
60	7	First paragraph	Change all references to “Pleiades” to “NSS”	Improper reference
Table of Contents	--	--	Replace with Table of Contents below	Adapt to above changes.

New Figure 1:



New Figure 20:

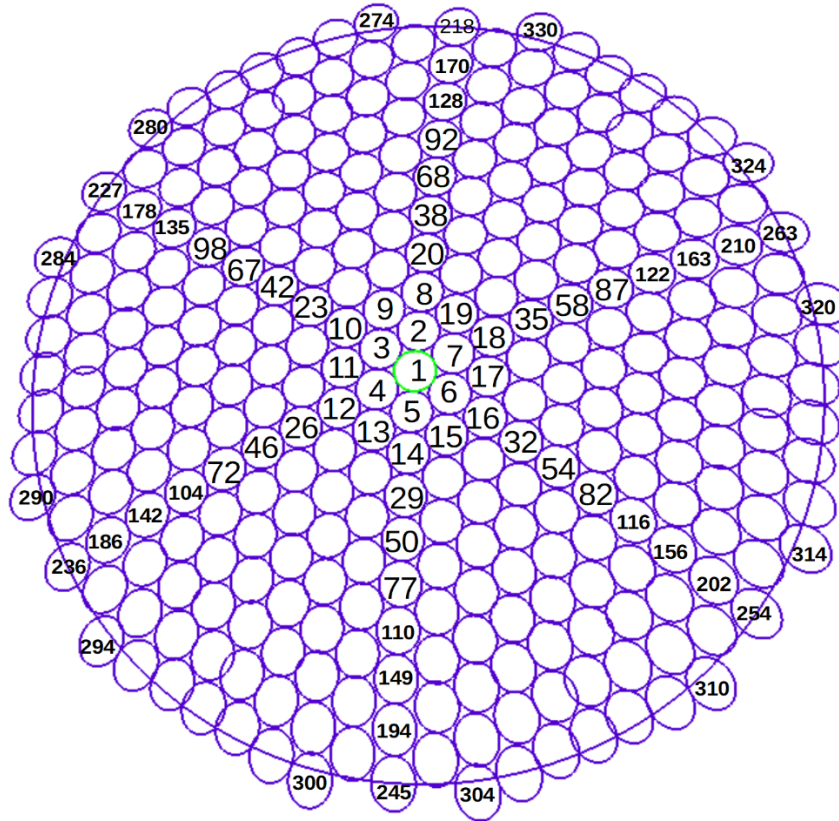


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