

3. Inbound uplink channels analysis (terminal to satellite)

Ground terminal	0 dBW (1.0 watt)
Terminal transmission loss	-0.7 dB
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Multipath propagation effect	-3 dB
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Eb/No (10 -5) with coding	+4.5 dB
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Power flux density at the ground in any 4 KHz band (dBW/m ² /4 KHz)	-153.5 dBW/m ² /4 KHz

5. The communication system block diagram is shown in Figure 1.

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Respectfully submitted,

STARSYS, INC.

By: /S/ Ashok Kaveeshwar
Dr. Ashok Kaveeshwar
President

Date: May 4, 1990

TABLE 1

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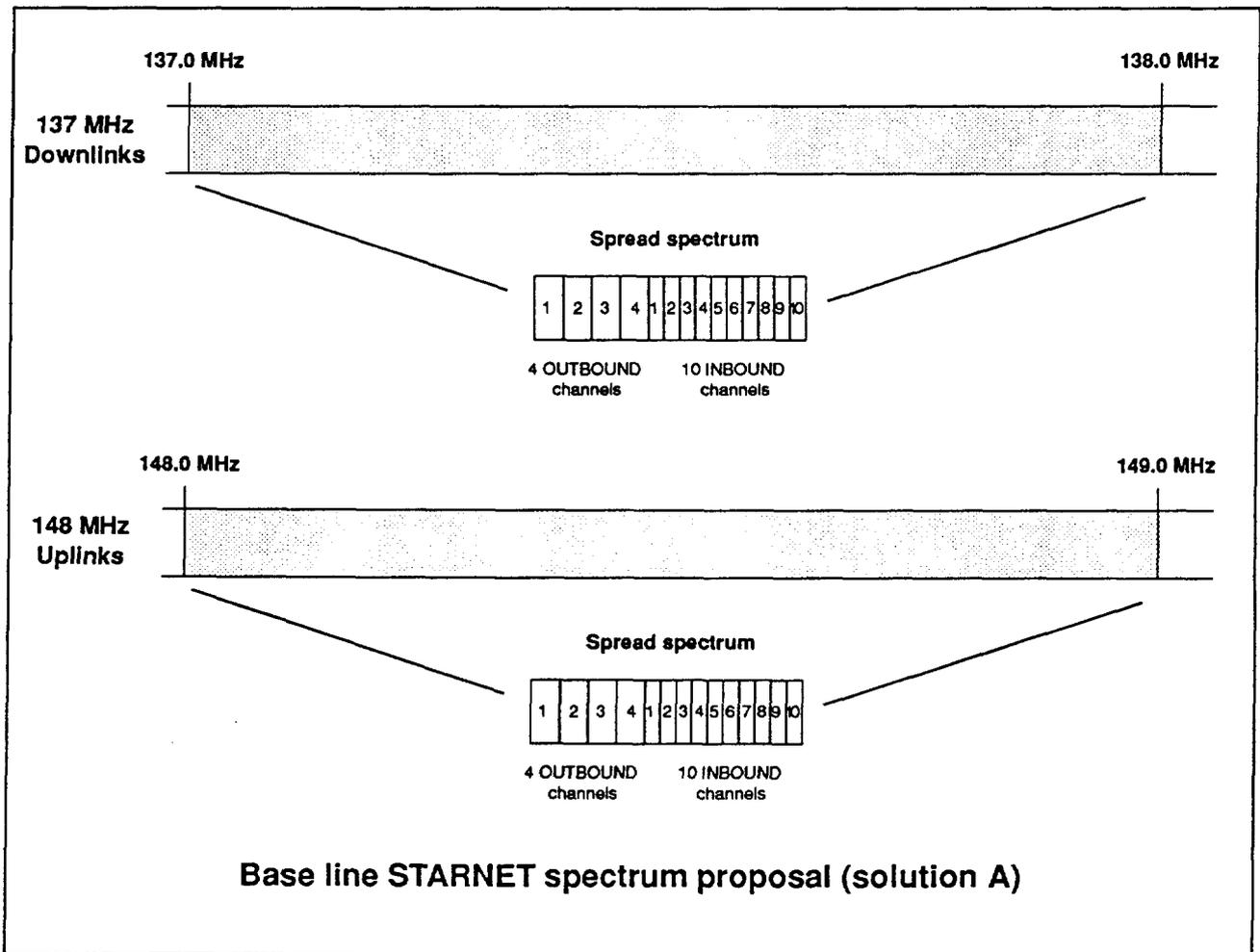
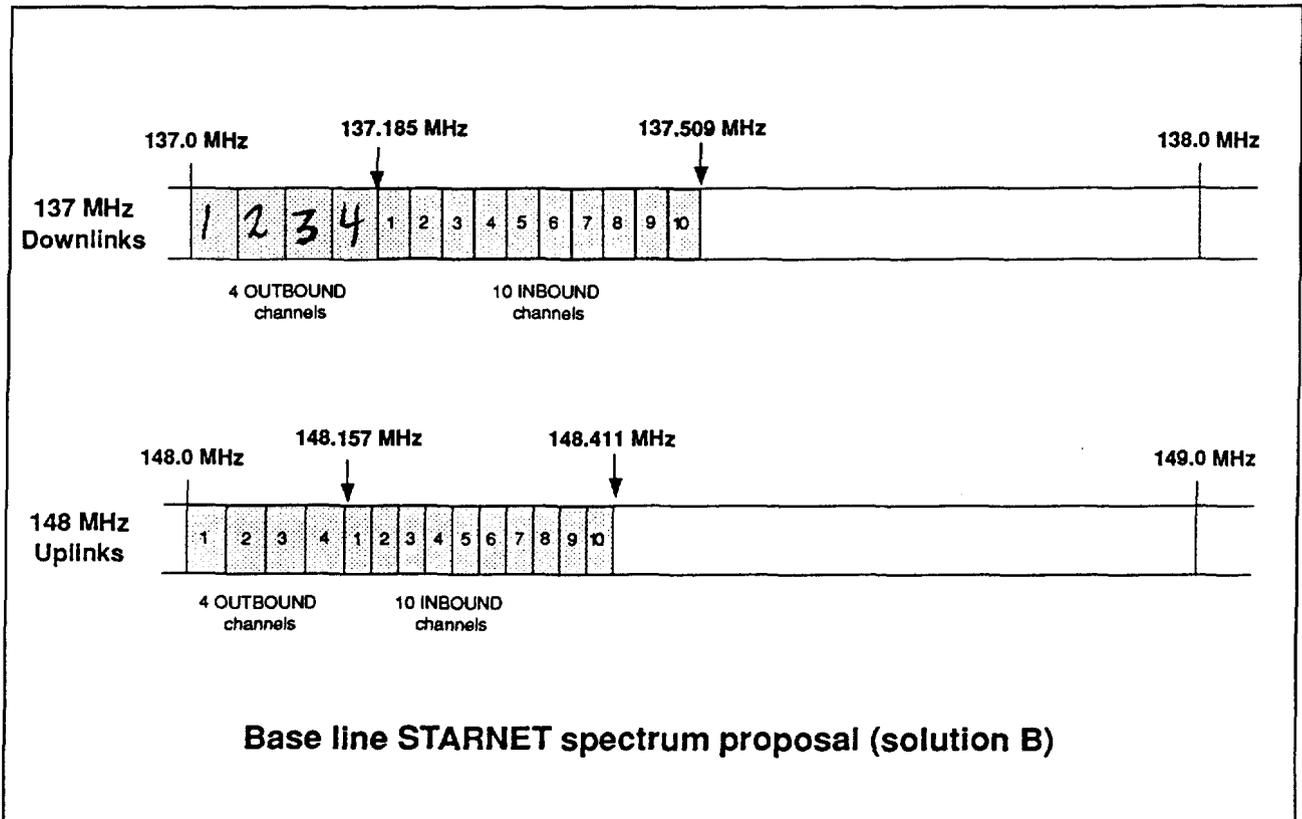


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Earth to space (uplink)	148	to	148.411 MHz
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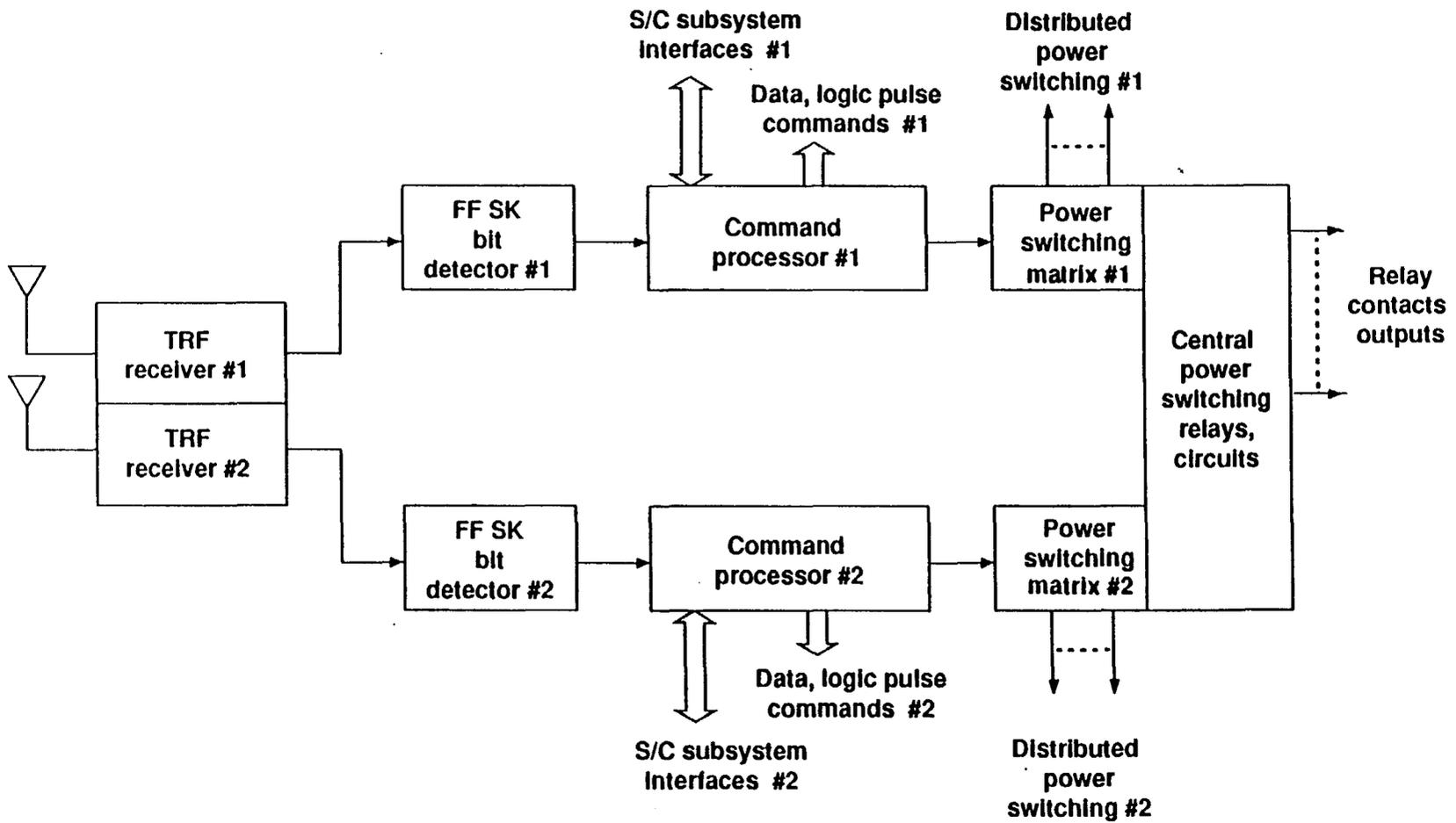


Figure 1

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With a copy for Counsel:

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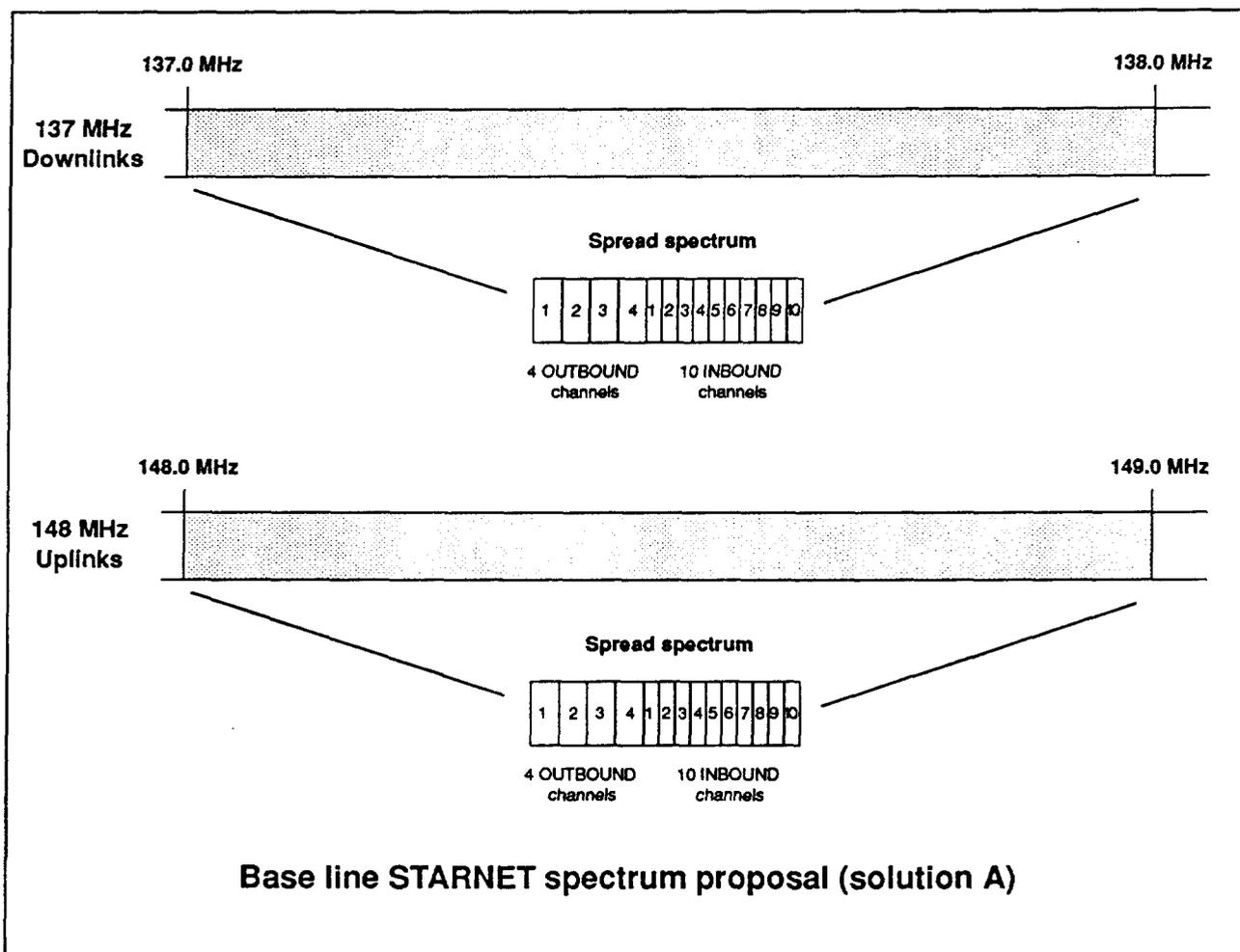
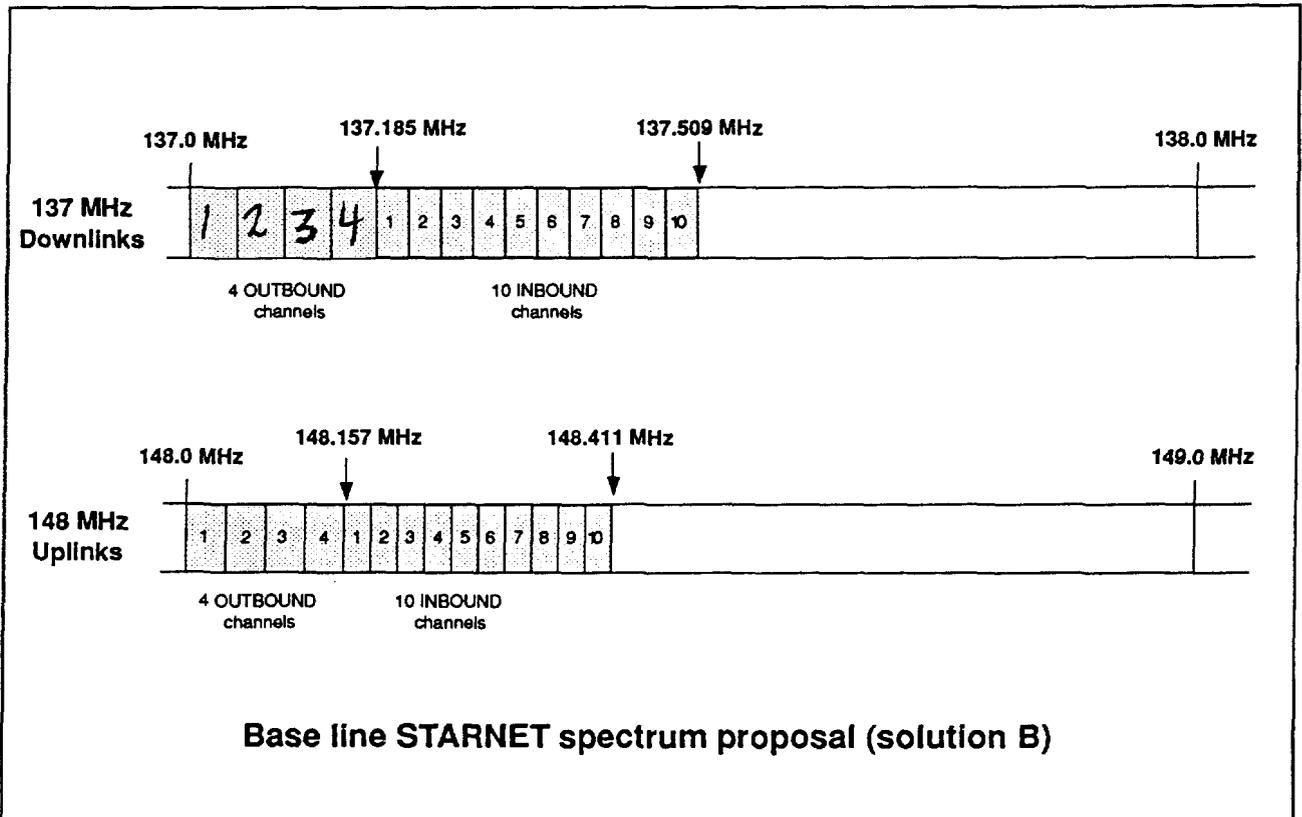


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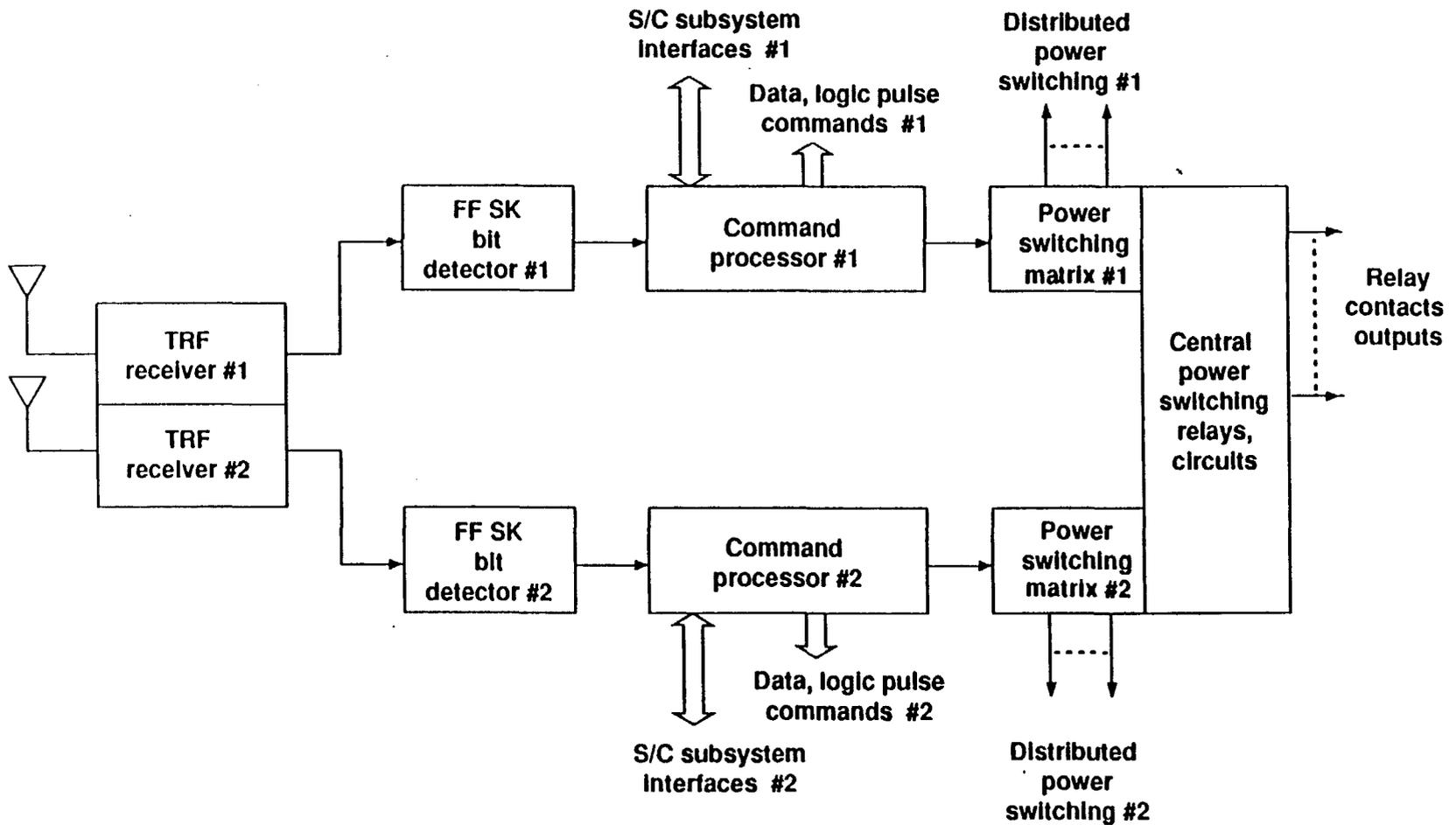


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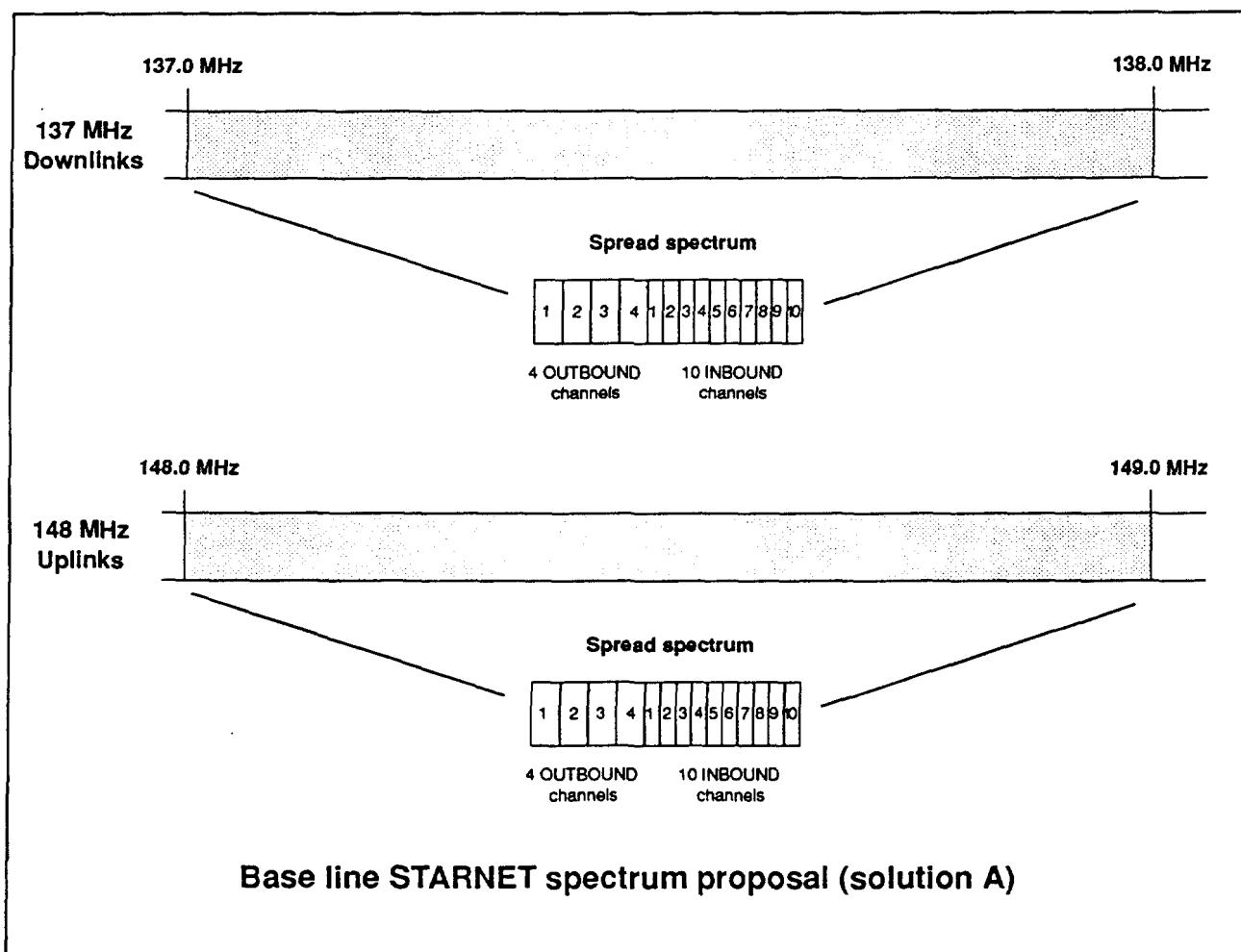
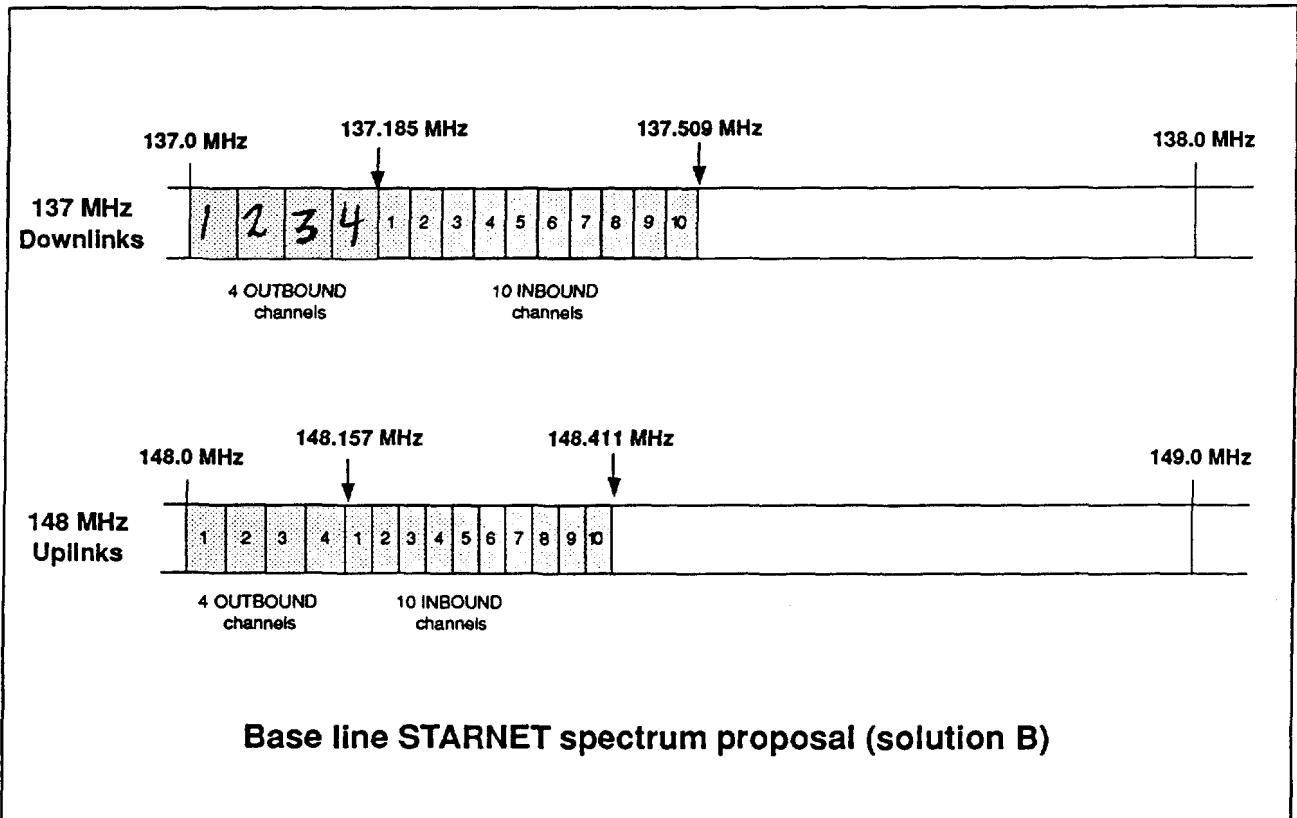


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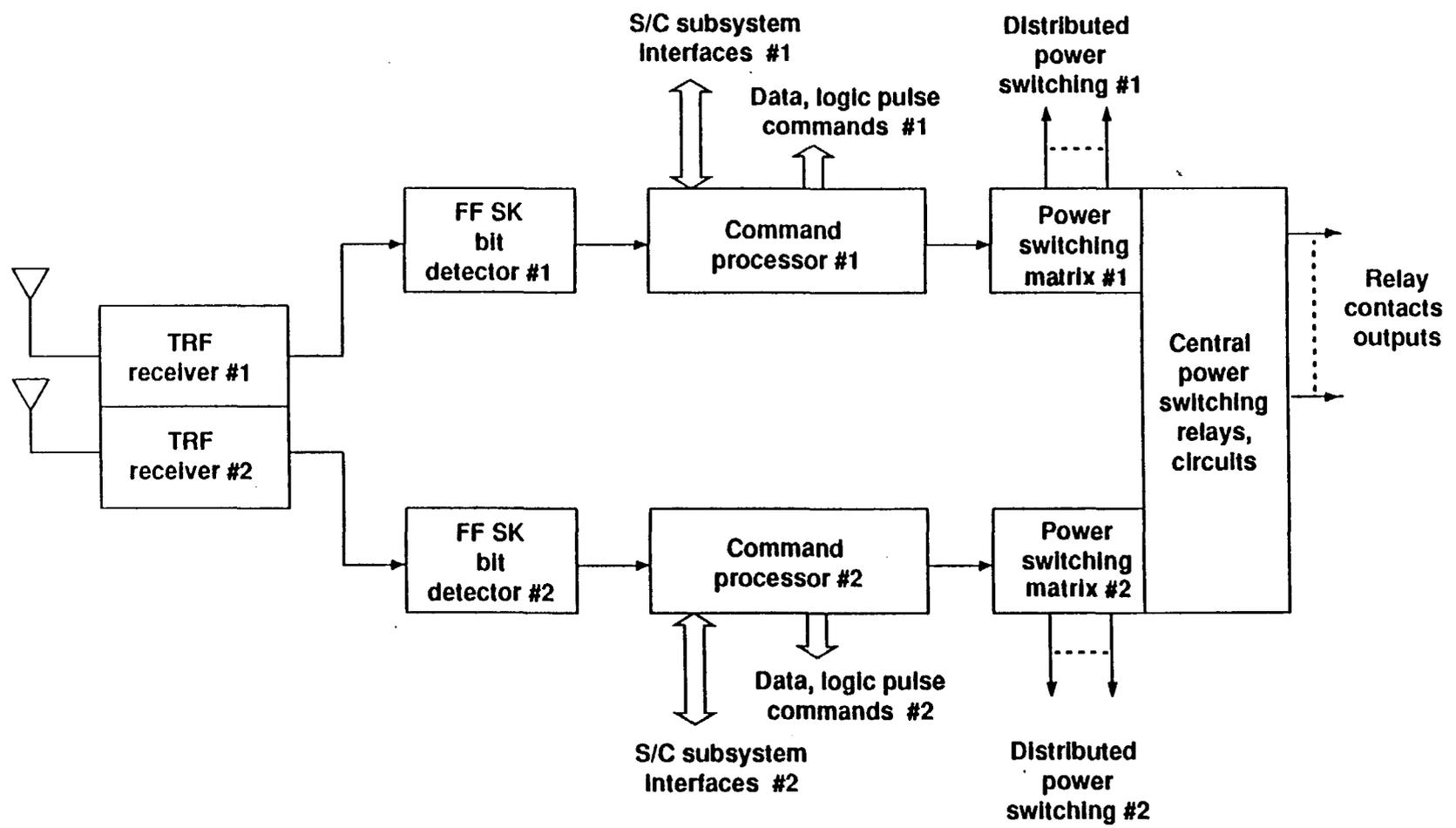


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