



Node G FS Frequency Shifting RF Enhancers



Node G 935/938/941 FS and
Node G 1835/1838/1841 FS
Enable Frequency Shifting
Technologies Over the Entire
GSM Band.

Node G FS - The Ideal Complement to the Standard Node G

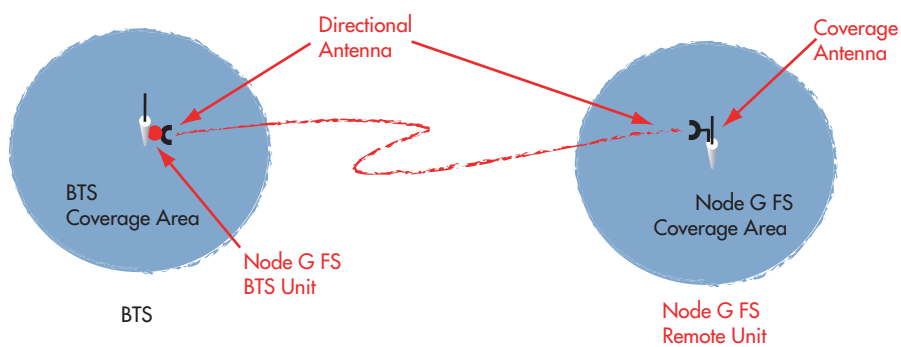
GSM Frequency Shifting's (G FS) primary function in the past were to ensure high output power on sites where the repeater's gain was limited by the isolation between the donor and the coverage antenna.

This has changed dramatically with the implementation of Node G and its outstanding Interference Cancellation

Equipment (ICE).

However, frequency shifting still make sense when omni coverage antennas are required and when a BTS sector needs to be made remote. In order to support also this kind of applications the Node G FS is the ideal complement to the standard Node G.

Frequency range	Gain, dB	Bandwidth	Gain adjust range, dB	UL noise figure, dB	UL Pout 2 carriers, dBm/c	UL Pout 4 carriers, dBm/c	DL Pout 2 carriers, dBm/c	DL Pout 4 carriers, dBm/c	Repeater
GSM900	55	2 to 4 200 kHz channels	35 to 55	5.0	1.0	1.0	35.0	31.5	Node G935 FS-BTS
GSM900	95	2 to 4 200 kHz channels	55 to 95	5.0	31.0	31.0	35.0	35.0	Node G935 FS-RU
GSM900	98	2 to 4 200 kHz channels	58 to 98	5.0	31.0	31.0	38.0	38.0	Node G938 FS-RU
GSM900	101	2 200 kHz channels	61 to 101	5.0	31.0	---	41.0	---	Node G941 FS-RU
GSM1800	55	2 to 4 200 kHz channels	35 to 55	5.0	1.0	1.0	35.0	31.5	Node G1835 FS-BTS
GSM1800	95	2 to 4 200 kHz channels	55 to 95	5.0	31.0	31.0	35.0	35.0	Node G1835 FS-RU
GSM1800	98	2 to 4 200 kHz channels	58 to 98	5.0	31.0	31.0	38.0	38.0	Node G1838 FS-RU
GSM1800	101	2 200 kHz channels	61 to 101	5.0	31.0	---	41.0	---	Node G1841 FS-RU



Node G FS Application



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