



Figure 1: STL 50 Hz - 14 kHz band limiting filter frequency response for data sampled at 32 kHz (factor 1:1).

Table 1: Bit stream format for each 20 ms speech frame.

Parameter	Parameter Number	Number of Bits
LAR1	1	6
LAR2	2	6
LAR3	3	5
LAR4	4	5
LAR5	5	4
LAR6	6	4
LAR7	7	3
LAR8	8	3
Sub-frame No. 1		
LTP lag	9	7
LTP gain	10	2
RPE grid position	11	2
Block amplitude	12	6
RPE-pulse no. 1	13	3
...
RPE-pulse no. 13	25	3
Sub-frame No. 2		
LTP lag	26	7
LTP gain	27	2
RPE grid position	28	2
Block amplitude	29	6
RPE-pulse no. 1	30	3
...
RPE-pulse no. 13	42	3
Sub-frame No. 3		
LTP lag	43	7
LTP gain	44	2
RPE grid position	45	2
Block amplitude	46	6
RPE-pulse no. 1	47	3
...
RPE-pulse no. 13	59	3
Sub-frame No. 4		
LTP lag	60	7
LTP gain	61	2
RPE grid position	62	2
Block amplitude	63	6
RPE-pulse no. 1	64	3
...
RPE-pulse no. 13	76	3