



# Measurement key figures

## Modulation Error Ratio (MER)

The modulation error ratio for DVB signals (MER) is the measure of the quality of digitally modulated signals.

The MER should not fall below the values in the table below!

Modulation of the signal	MER (dB)
DVB-S, QPSK, FEC = 2/3	6
DVB-S, QPSK, FEC = 7/8	9
DVB-S2, QPSK, FEC = 9/10	7
DVB-S2, 8 PSK, FEC = 2/3	7
DVB-S2, 8 PSK, FEC = 9/10	11
DVB-S2/S2X, 16 APSK	16
DVB-S2/S2X, 32 APSK	18
DVB-C, 16 QAM	20
DVB-C, DOCSIS-DS, 64 QAM	26
DVB-C, DOCSIS-DS, 256 QAM	32
DVB-T, COFDM, 16 QAM, FEC = 2/3	16
DVB-T, COFDM, 64 QAM, FEC = 2/3	22
DVB-T, COFDM, 64 QAM, FEC = 3/4	24
DVB-T2, COFDM, 16 QAM, FEC = 2/3	14
DVB-T2, COFDM, 64 QAM, FEC = 2/3	20
DVB-T2, COFDM, 256 QAM, FEC = 2/3	25
DVB-T2, COFDM, 256 QAM, FEC = 5/6	32
DAB/DAB+, COFDM	10

