

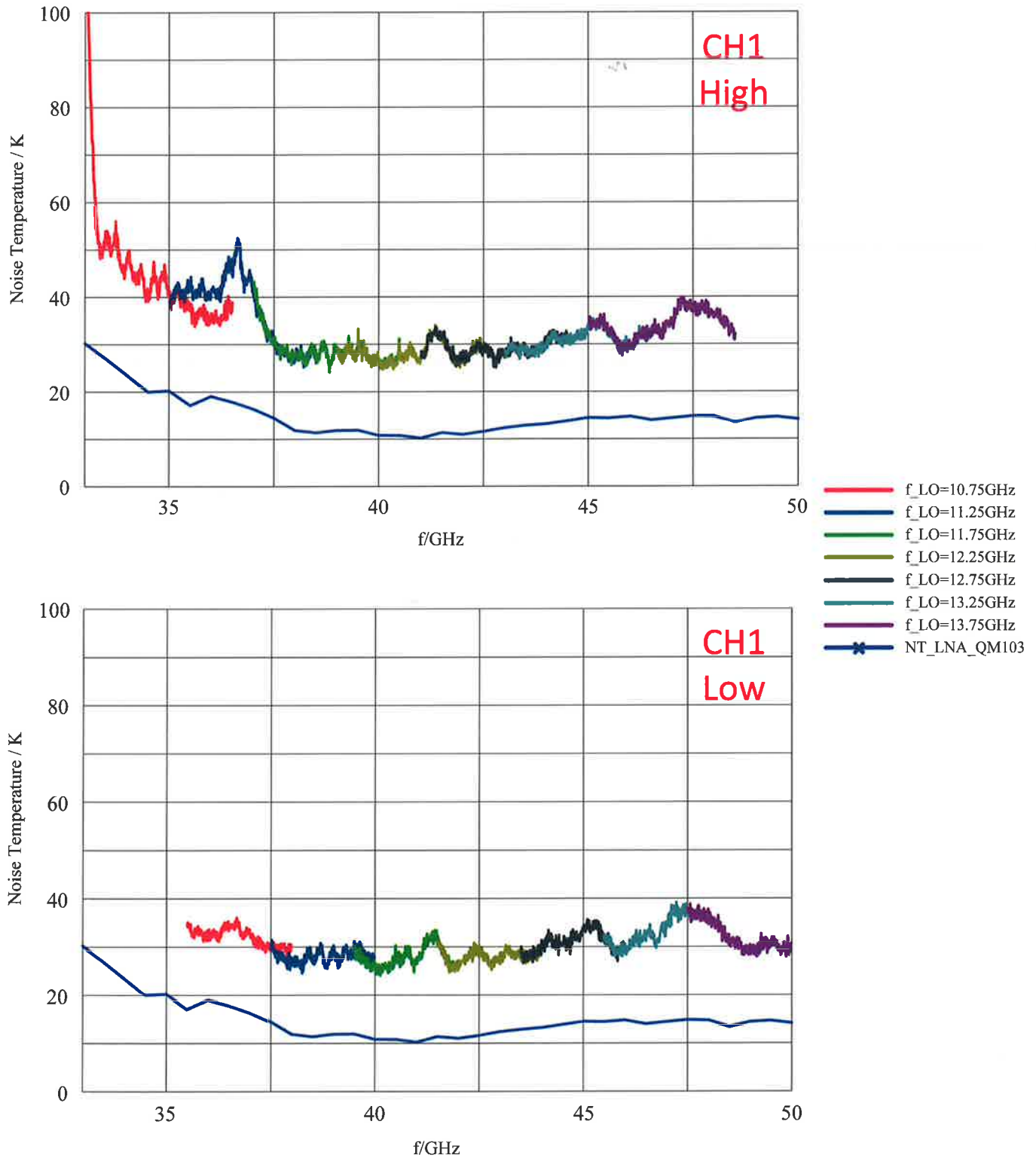
Q-Band Receiver Noise Temperature measured at 2nd IF Output

4th cooling cycle ; 26.02.2018; $T_{LNA}=20K$; LNA S/N: QM-103

RF-Window: 75um Mylar & BASF Styrodur 3000CS & 19um Hercules

Load: Eccosorb CRAM RFC3.0 ; $T_{hot}=298.0K$; $T_{cold}=77.3K$

The diagram consists of seven IF measurements with 3.5GHz bandwidth and 1.5GHz overlap for Output High and 2.5GHz bandwidth with 0.5GHz overlap for Output Low



Q-Band Receiver Noise Temperature measured at 2nd IF Output

4th cooling cycle ; 26.02.2018; $T_{LNA}=20K$; LNA S/N: QM-114

RF-Window: 75um Mylar & BASF Styrodur 3000CS & 19um Hercules

Load: Eccosorb CRAM RFC3.0 ; $T_{hot}=298.0K$; $T_{cold}=77.3K$

The diagram consists of seven IF measurements with 3.5GHz bandwidth and 1.5GHz overlap for Output High and 2.5GHz bandwidth with 0.5GHz overlap for Output Low

