

Annex F. GPRS Frequency Stability

1. GPRS_GSM850

1.1. GPRS Frequency Stability

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
12	-30	-16.93	±2060.5	-19.75	±2091.5	-24.15	±2122	Pass
	-20	-17.00		-21.05		-24.17		
	-10	-17.08		-20.15		-23.88		
	0	-16.39		-20.41		-23.66		
	+10	-17.17		-20.70		-24.25		
	+20	-17.18		-21.11		-24.41		
	+30	-16.77		-20.44		-24.26		
	+40	-16.54		-21.05		-23.76		
	+50	-17.14		-20.94		-23.97		
32	+25	-16.33		-20.53		-24.20		
8	+25	-17.05		-20.44		-24.27		

2. GPRS_PCS

2.1. GPRS Frequency Stability(NTNV)

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
12	-30	-28.75	±4625.5	-40.79	±4700.0	-34.47	±4774.5	Pass
	-20	-28.55		-41.06		-35.55		
	-10	-28.79		-41.02		-38.15		
	0	-29.21		-40.53		-36.11		
	+10	-29.16		-40.73		-37.23		
	+20	-29.35		-41.1		-37.03		
	+30	-28.72		-40.39		-36.67		
	+40	-29.31		-40.34		-36.39		
	+50	-28.75		-40.41		-37.00		
32	+25	-29.06		-41.06		-36.31		
8	+25	-29.04		-40.81		-36.63		

END