

FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 3	10MHz	QPSK	23230	50RB#0	LV	NT	-3.40	-0.004348	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	NT	-1.34	-0.001714	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	HV	NT	-3.23	-0.004130	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-30	-1.04	-0.001330	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-20	-2.83	-0.003619	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-10	-3.02	-0.003862	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	0	-2.79	-0.003568	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	10	-3.28	-0.004194	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	20	-3.16	-0.004041	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	30	-3.93	-0.005026	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	40	-2.56	-0.003274	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	50	-3.98	-0.005090	±2.5	PASS

MAX Deviation calculation

Frequency Stability	Frequency (MHz)	Limit Line(MHz)	Result
$f_L - \text{MAX}(\Delta f) $	777.531600	≥ 777	PASS
$f_H + \text{MAX}(\Delta f) $	786.46840	≤ 787	

Note : 1. $|\text{MAX}(\Delta f)|$ = Max Deviation

2. f_L = Occ low channel f_L (-13dBm/MHz)

3. f_H = Occ High channel f_H (-13dBm/MHz)

4. $|\text{MAX}(\Delta f)|$ = -3.93Hz.

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