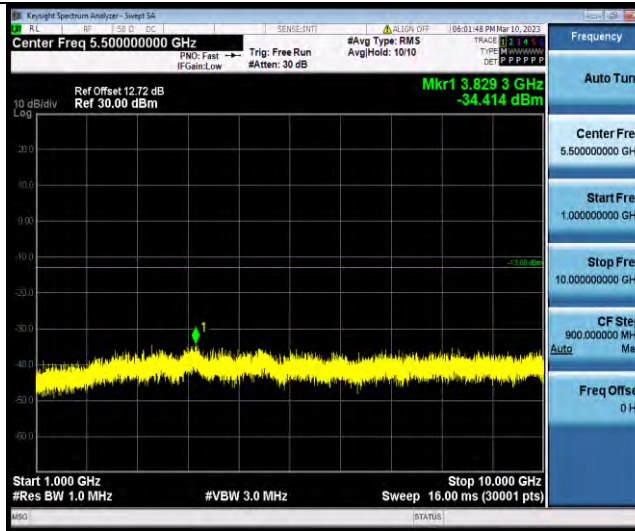




BUREAU VERITAS

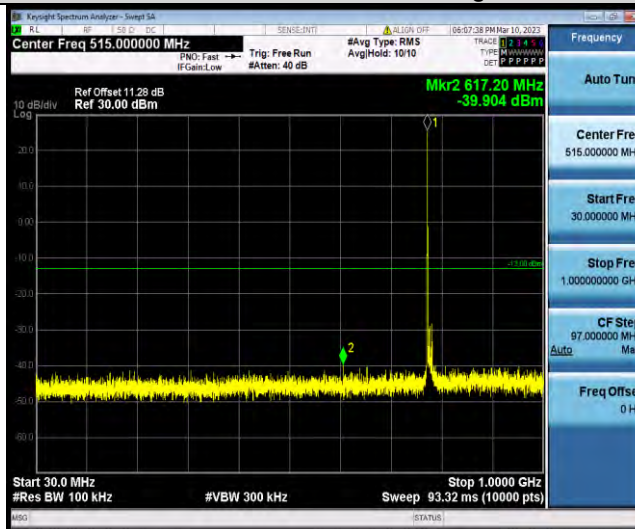
Test Report No.: W7L-P23030003RF06



Band13-5MHz-QPSK-23255-1RB#0-Range3:1559~1610MHz



Band13-10MHz-QPSK-23230-1RB#0-Range1:30~1000MHz

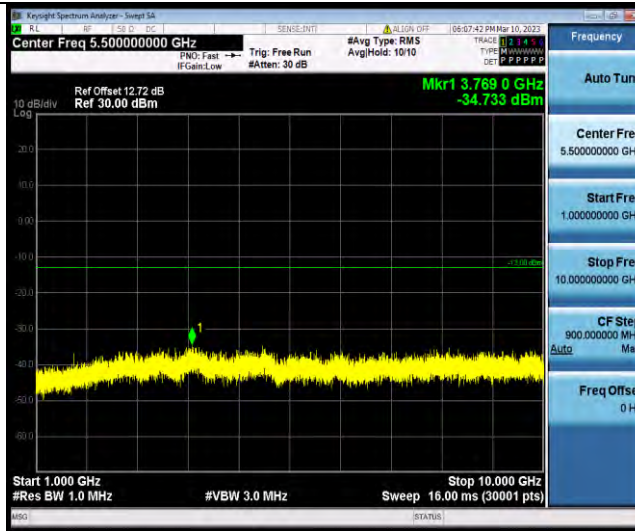


Band13-10MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



BUREAU VERITAS

Test Report No.: W7L-P23030003RF06



Band13-10MHz-QPSK-23230-1RB#0-Range3:1559~1610MHz





Test Report No.: W7L-P23030003RF06

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	-8.33	-0.010652	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	NT	-6.85	-0.008760	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	HV	NT	-8.15	-0.010422	±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	-11.93	-0.015256	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-20	-8.75	-0.011189	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-10	-9.98	-0.012762	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	0	-12.06	-0.015422	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	10	-4.84	-0.006189	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	20	-8.34	-0.010665	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	30	-10.81	-0.013824	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	40	-7.05	-0.009015	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	50	-8.51	-0.010882	±2.5	PASS

Note: LV = Low voltage(3.5V); NV = Normal voltage(3.8V); HV = High voltage(4.2V);
NT = Normal temperature (25°C).



Test Report No.: W7L-P23030003RF06

MAX Deviation calculation

Frequency Stability	Frequency (MHz)	Limit Line(MHz)	Result
$fL- MAX(\Delta f) $	777.505900	≥ 777	PASS
$fH- MAX(\Delta f) $	786.49410	≤ 787	

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

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

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

4. $|MAX(\Delta f)|$ = -12.06Hz.

---END---