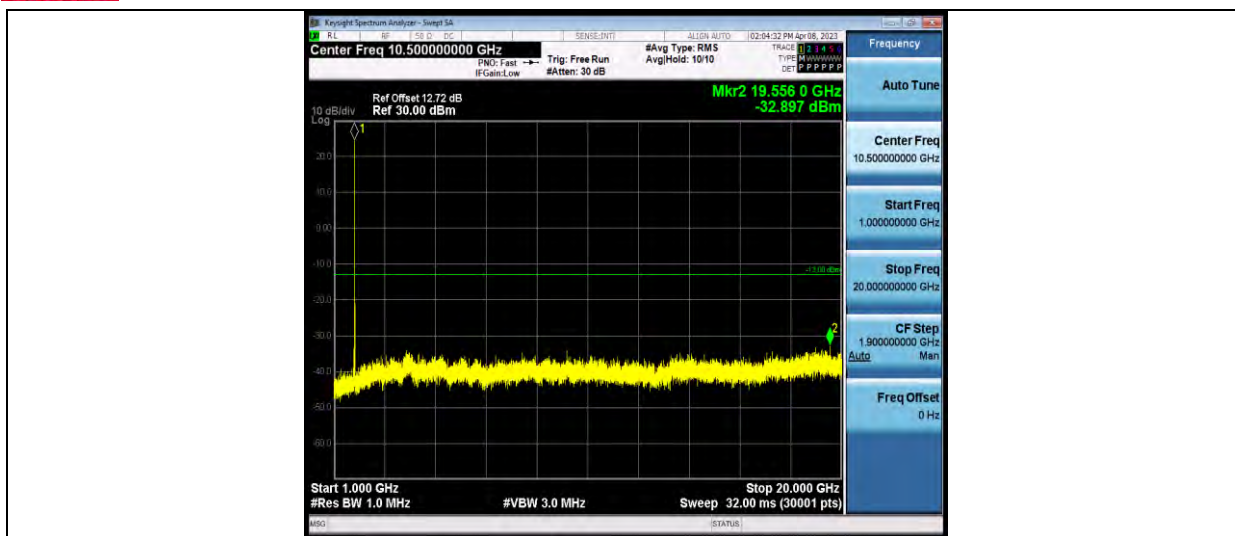




FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band6	20MHz	QPSK	132072	100RB#0	LV	NT	3.81	0.002215	±2.5	PASS
Band6	20MHz	QPSK	132072	100RB#0	NV	NT	3.58	0.002081	±2.5	PASS
Band6	20MHz	QPSK	132072	100RB#0	HV	NT	4.65	0.002703	±2.5	PASS
Band6	20MHz	QPSK	132322	100RB#0	LV	NT	-4.76	-0.002728	±2.5	PASS
Band6	20MHz	QPSK	132322	100RB#0	NV	NT	-3.52	-0.002017	±2.5	PASS
Band6	20MHz	QPSK	132322	100RB#0	HV	NT	-3.59	-0.002057	±2.5	PASS
Band6	20MHz	QPSK	132572	100RB#0	LV	NT	2.62	0.001480	±2.5	PASS
Band6	20MHz	QPSK	132572	100RB#0	NV	NT	3.83	0.002164	±2.5	PASS
Band6	20MHz	QPSK	132572	100RB#0	HV	NT	3.98	0.002249	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band6	20MHz	QPSK	132072	100RB#0	NV	-30	3.22	0.001872	±2.5	PASS
Band6	20MHz	QPSK	132072	100RB#0	NV	-20	4.85	0.002820	±2.5	PASS
Band6	20MHz	QPSK	132072	100RB#0	NV	-10	3.18	0.001849	±2.5	PASS
Band6	20MHz	QPSK	132072	100RB#0	NV	0	5.89	0.003424	±2.5	PASS
Band6	20MHz	QPSK	132072	100RB#0	NV	10	3.42	0.001988	±2.5	PASS
Band6	20MHz	QPSK	132072	100RB#0	NV	20	5.76	0.003349	±2.5	PASS
Band6	20MHz	QPSK	132072	100RB#0	NV	30	5.79	0.003366	±2.5	PASS
Band6	20MHz	QPSK	132072	100RB#0	NV	40	4.42	0.002570	±2.5	PASS
Band6	20MHz	QPSK	132072	100RB#0	NV	50	4.99	0.002901	±2.5	PASS
Band6	20MHz	QPSK	132322	100RB#0	NV	-30	-5.09	-0.002917	±2.5	PASS



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Band6 6	20MHz	QPSK	13232 2	100RB#0	NV	-20	-4.06	-0.002327	±2.5	PASS
Band6 6	20MHz	QPSK	13232 2	100RB#0	NV	-10	-5.69	-0.003261	±2.5	PASS
Band6 6	20MHz	QPSK	13232 2	100RB#0	NV	0	-4.15	-0.002378	±2.5	PASS
Band6 6	20MHz	QPSK	13232 2	100RB#0	NV	10	-5.31	-0.003043	±2.5	PASS
Band6 6	20MHz	QPSK	13232 2	100RB#0	NV	20	-4.22	-0.002418	±2.5	PASS
Band6 6	20MHz	QPSK	13232 2	100RB#0	NV	30	-3.91	-0.002241	±2.5	PASS
Band6 6	20MHz	QPSK	13232 2	100RB#0	NV	40	-5.41	-0.003100	±2.5	PASS
Band6 6	20MHz	QPSK	13232 2	100RB#0	NV	50	-6.15	-0.003524	±2.5	PASS
Band6 6	20MHz	QPSK	13257 2	100RB#0	NV	-30	4.08	0.002305	±2.5	PASS
Band6 6	20MHz	QPSK	13257 2	100RB#0	NV	-20	3.72	0.002102	±2.5	PASS
Band6 6	20MHz	QPSK	13257 2	100RB#0	NV	-10	3.19	0.001802	±2.5	PASS
Band6 6	20MHz	QPSK	13257 2	100RB#0	NV	0	3.06	0.001729	±2.5	PASS
Band6 6	20MHz	QPSK	13257 2	100RB#0	NV	10	2.66	0.001503	±2.5	PASS
Band6 6	20MHz	QPSK	13257 2	100RB#0	NV	20	3.68	0.002079	±2.5	PASS
Band6 6	20MHz	QPSK	13257 2	100RB#0	NV	30	3.98	0.002249	±2.5	PASS
Band6 6	20MHz	QPSK	13257 2	100RB#0	NV	40	4.65	0.002627	±2.5	PASS
Band6 6	20MHz	QPSK	13257 2	100RB#0	NV	50	2.99	0.001689	±2.5	PASS

Note: LV = Low voltage(3.4V); NV = Normal voltage(4V); HV = High voltage(4.35V);NT = Normal temperature (25℃).

MAX Deviation calculation

Frequency Stability	Frequency (MHz)	Limit Line(MHz)	Result
$f_L - \text{MAX}(\Delta f) $	1711.037000	≥ 1710	PASS
$f_H + \text{MAX}(\Delta f) $	1778.966500	≤ 1780	

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. $|\text{MAX}(\Delta f)|$ = 6.15Hz.

---END---