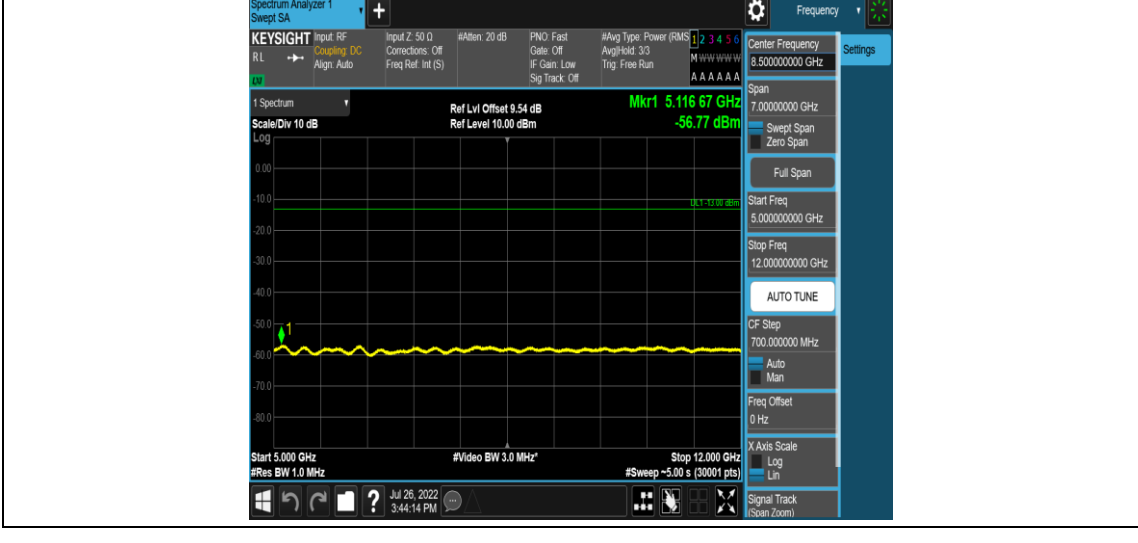


Band2-Stand-Alone-NaN-BPSK-19199-1 @0-15kHz-30-1000-30~1000MHz@-32.93dBm--13-PASS



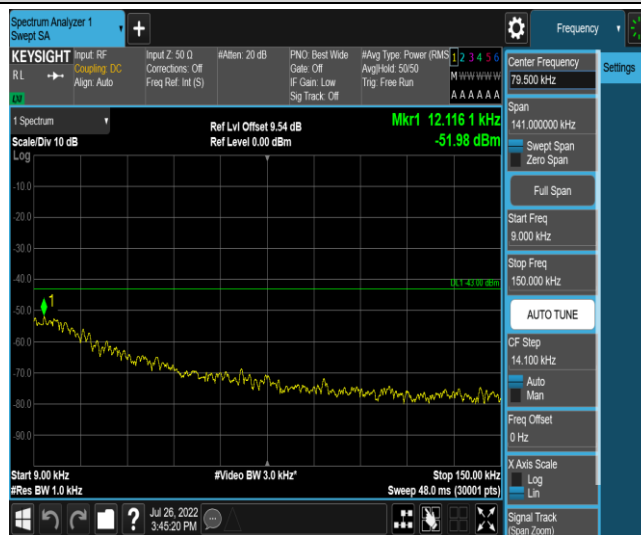
Band2-Stand-Alone-NaN-BPSK-19199-1 @0-15kHz-1000-5000-1000~5000MHz@-35.64dBm--13-PASS



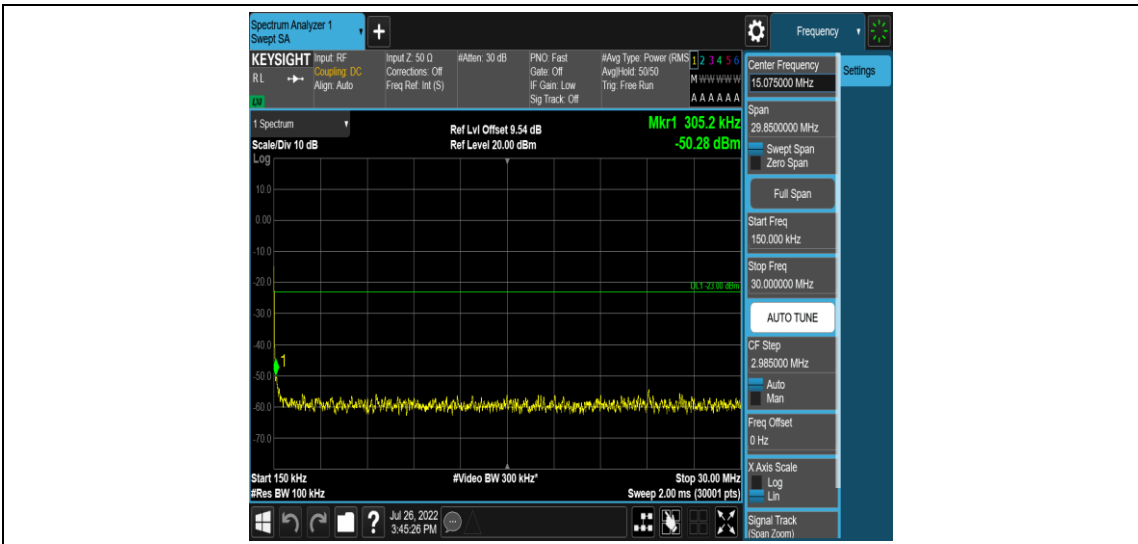
Band2-Stand-Alone-NaN-BPSK-19199-1 @0-15kHz-5000-12000-5000~12000MHz@-56.77dB
m--13-PASS



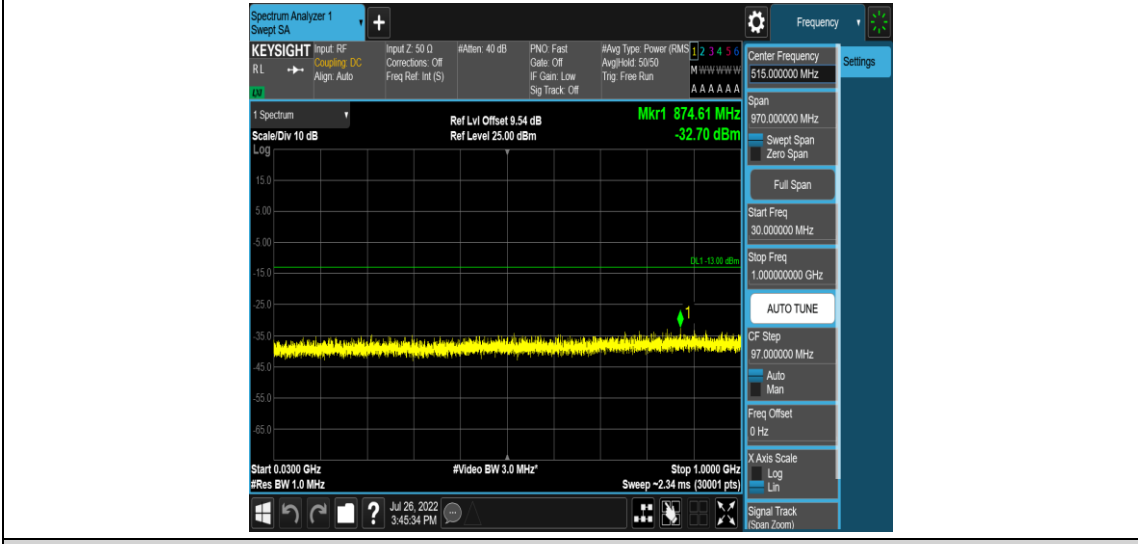
Band2-Stand-Alone-NaN-BPSK-19199-1 @0-15kHz-12000-26500-12000~26500MHz@-51.15
dBm--13-PASS



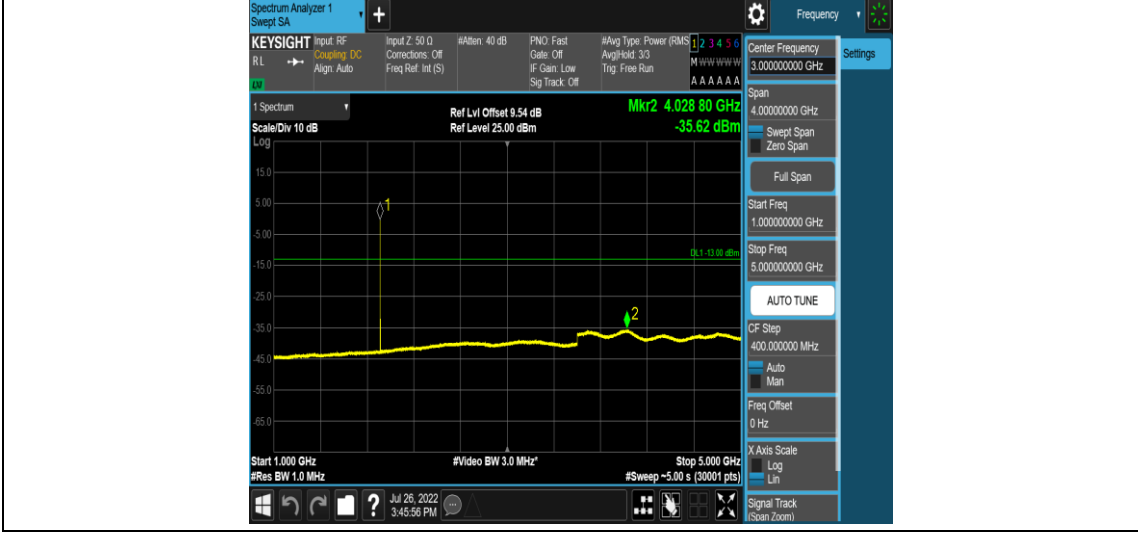
Band2-Stand-Alone-NaN-BPSK-19199-1 @11-15kHz-0.009-0.15-0.009~0.15MHz@-51.98dB
m--43-PASS



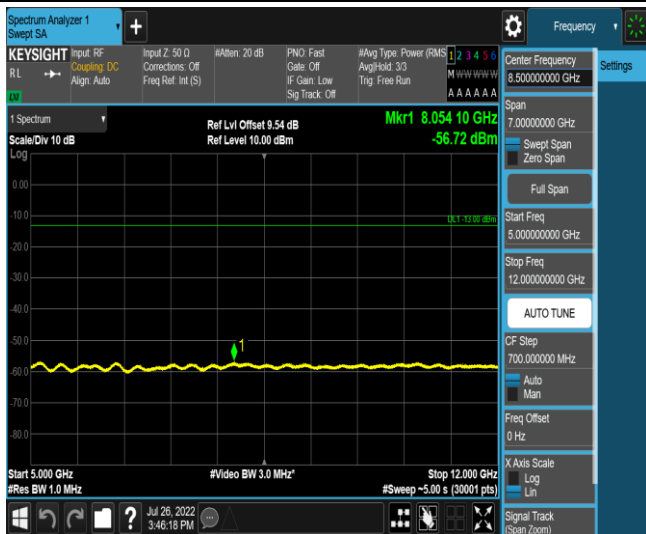
Band2-Stand-Alone-NaN-BPSK-19199-1 @ 11-15kHz-0.15-30-0.15~30MHz@-50.28dBm--23-PASS



Band2-Stand-Alone-NaN-BPSK-19199-1 @ 11-15kHz-30-1000-30~1000MHz@-32.7dBm--13-PASS



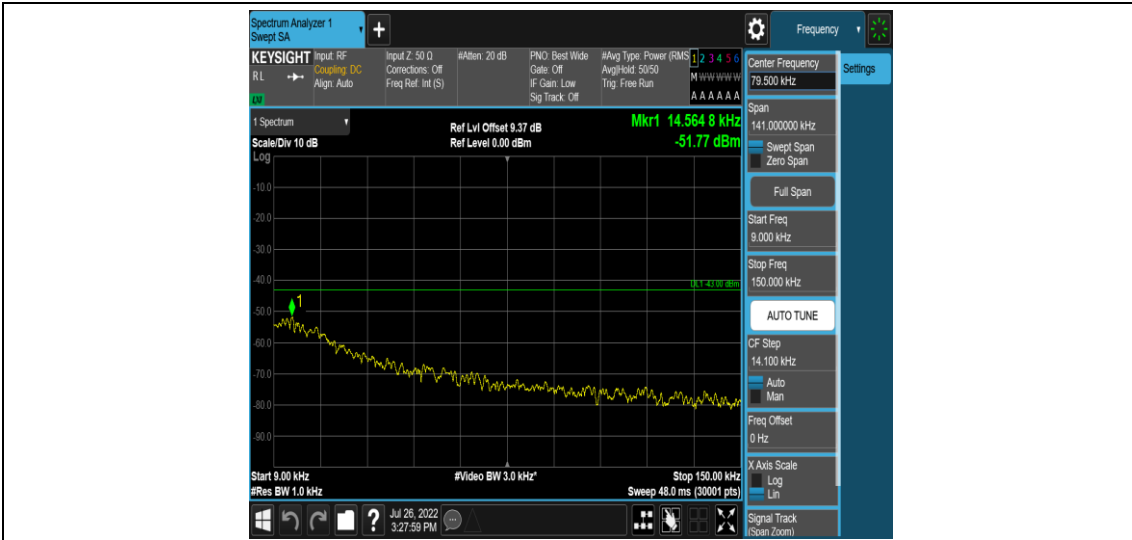
Band2-Stand-Alone-NaN-BPSK-19199-1 @ 11-15kHz-1000-5000-1000~5000MHz @ -35.62dB
m--13-PASS



Band2-Stand-Alone-NaN-BPSK-19199-1 @ 11-15kHz-5000-12000-5000~12000MHz @ -56.72dB
Bm--13-PASS



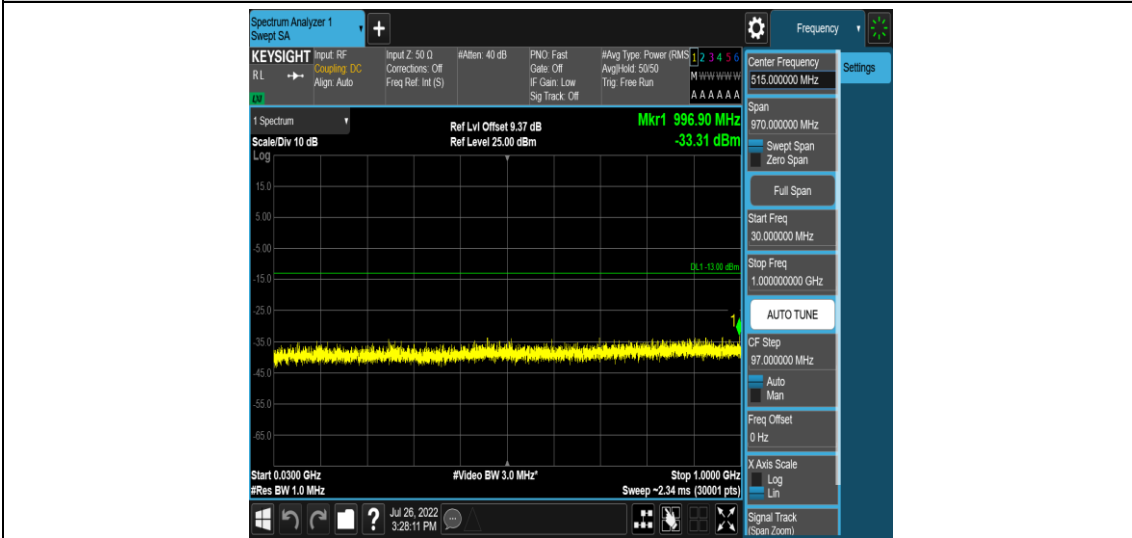
Band2-Stand-Alone-NaN-BPSK-19199-1 @ 11-15kHz-12000-26500-12000~26500MHz @ -51.3
4dBm--13-PASS



Band2-Stand-Alone-NaN-QPSK-18601-12@0-15kHz-0.009-0.15-0.009~0.15MHz@-51.77dBm--43-PASS



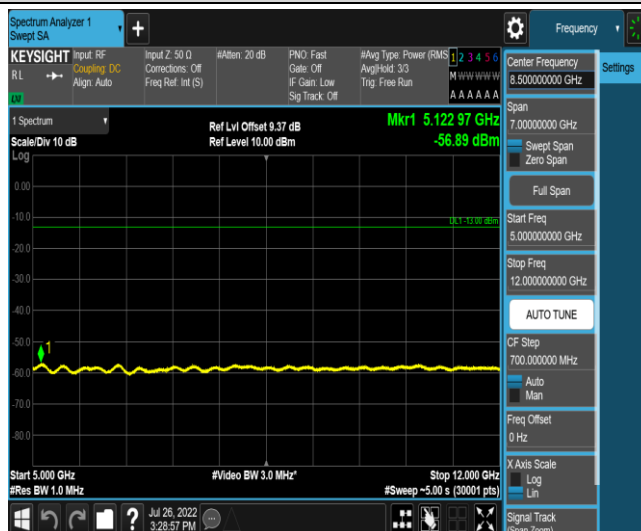
Band2-Stand-Alone-NaN-QPSK-18601-12@0-15kHz-0.15-30-0.15~30MHz@-48.88dBm--23-PASS



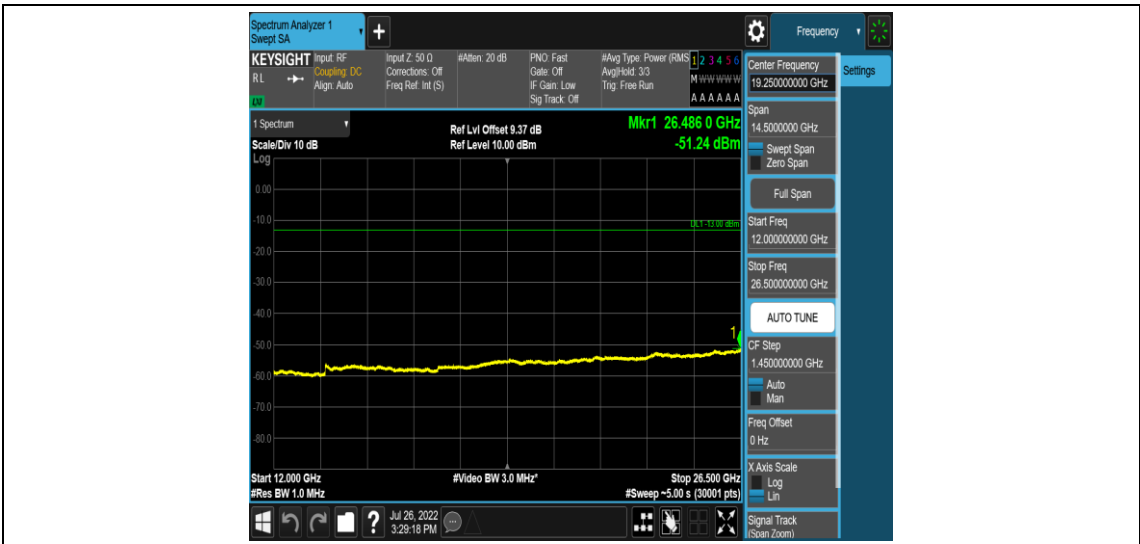
Band2-Stand-Alone-NaN-QPSK-18601-12@0-15kHz-30-1000-30~1000MHz@-33.31dBm--13
-PASS



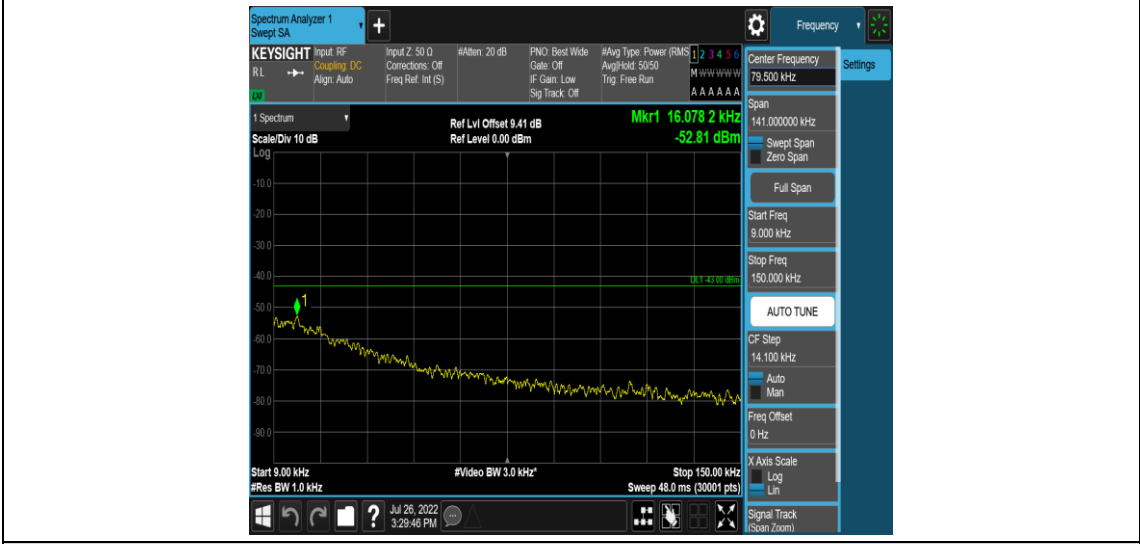
Band2-Stand-Alone-NaN-QPSK-18601-12@0-15kHz-1000-5000-1000~5000MHz@-35.7dBm
--13-PASS



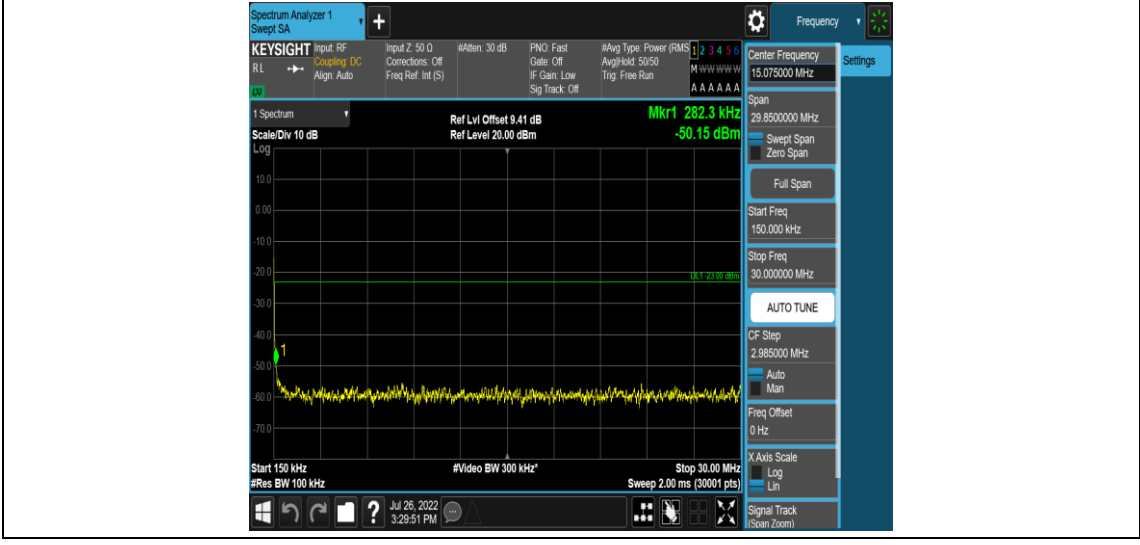
Band2-Stand-Alone-NaN-QPSK-18601-12@0-15kHz-5000-12000-5000~12000MHz@-56.89dBm--13-PASS



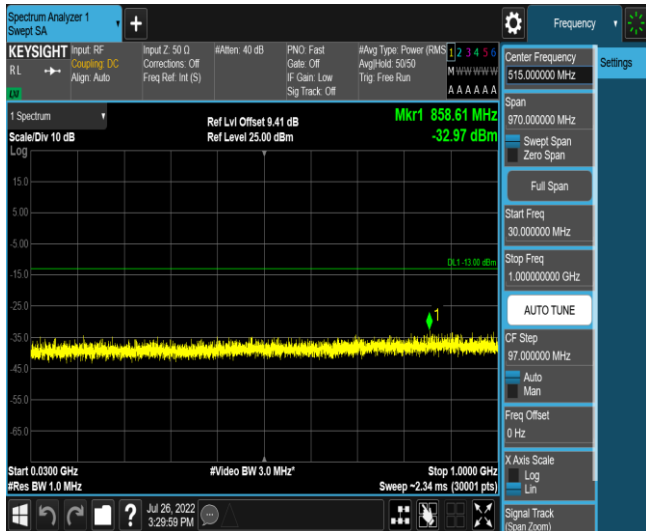
Band2-Stand-Alone-NaN-QPSK-18601-12@0-15kHz-12000-26500-12000~26500MHz@-51.2 4dBm--13-PASS



Band2-Stand-Alone-NaN-QPSK-18876-12@0-15kHz-0.009-0.15-0.009~0.15MHz@-52.81dB m--43-PASS



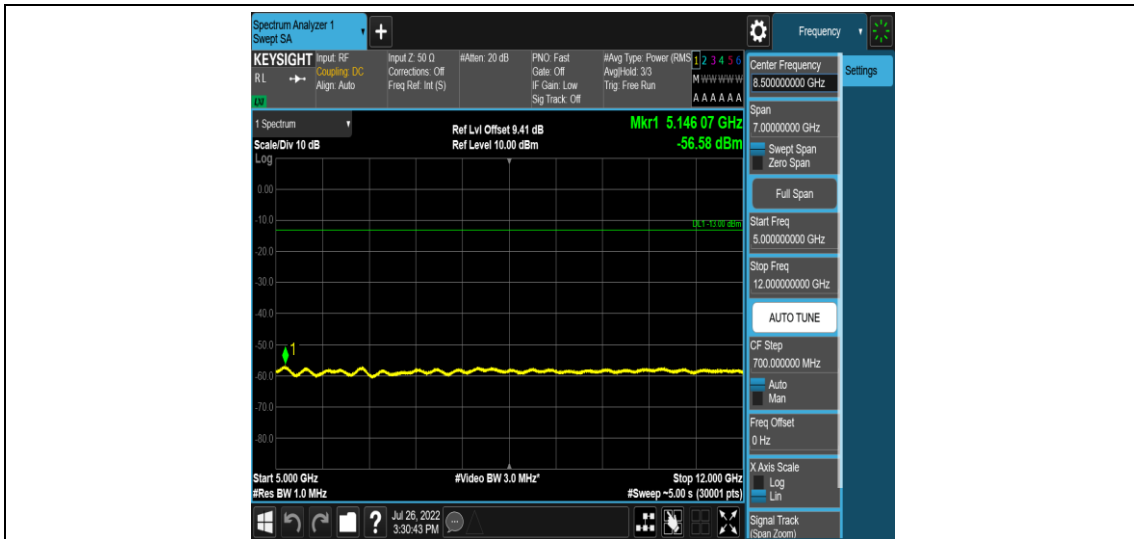
Band2-Stand-Alone-NaN-QPSK-18876-12@0-15kHz-0.15-30-0.15~30MHz@-50.15dBm--23-PASS



Band2-Stand-Alone-NaN-QPSK-18876-12@0-15kHz-30-1000-30~1000MHz@-32.97dBm--13-PASS



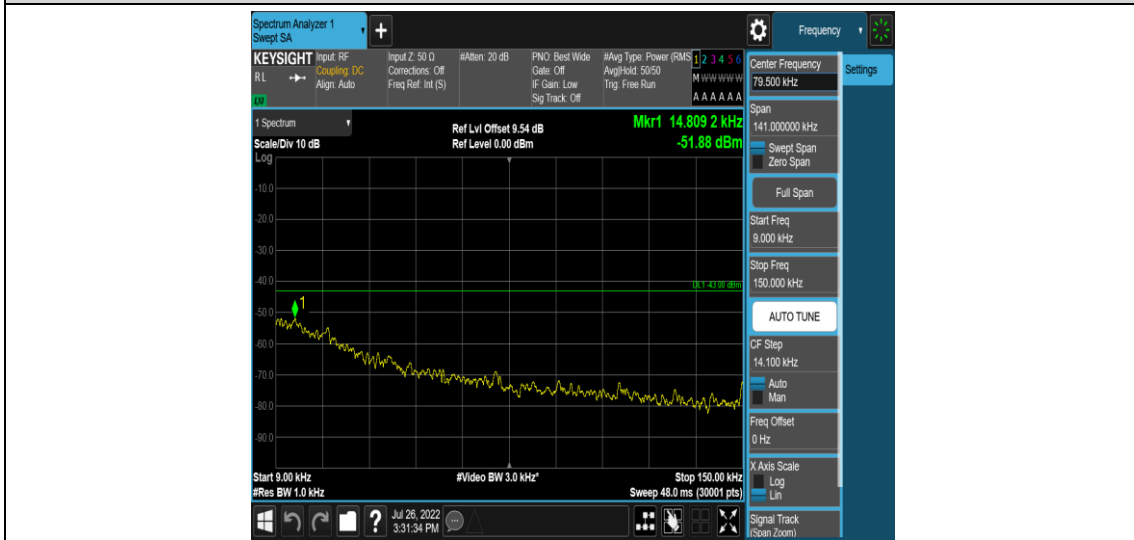
Band2-Stand-Alone-NaN-QPSK-18876-12@0-15kHz-1000-5000-1000~5000MHz@-35.6dBm --13-PASS



Band2-Stand-Alone-NaN-QPSK-18876-12@0-15kHz-5000-12000-5000~12000MHz@-56.58d
Bm--13-PASS



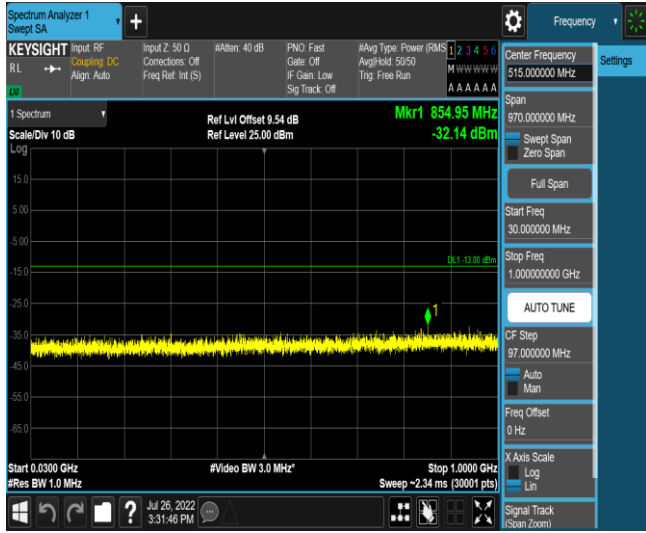
Band2-Stand-Alone-NaN-QPSK-18876-12@0-15kHz-12000-26500-12000~26500MHz@-51.1
8dBm--13-PASS



Band2-Stand-Alone-NaN-QPSK-19199-12@0-15kHz-0.009-0.15-0.009~0.15MHz@-51.88dB
m--43-PASS



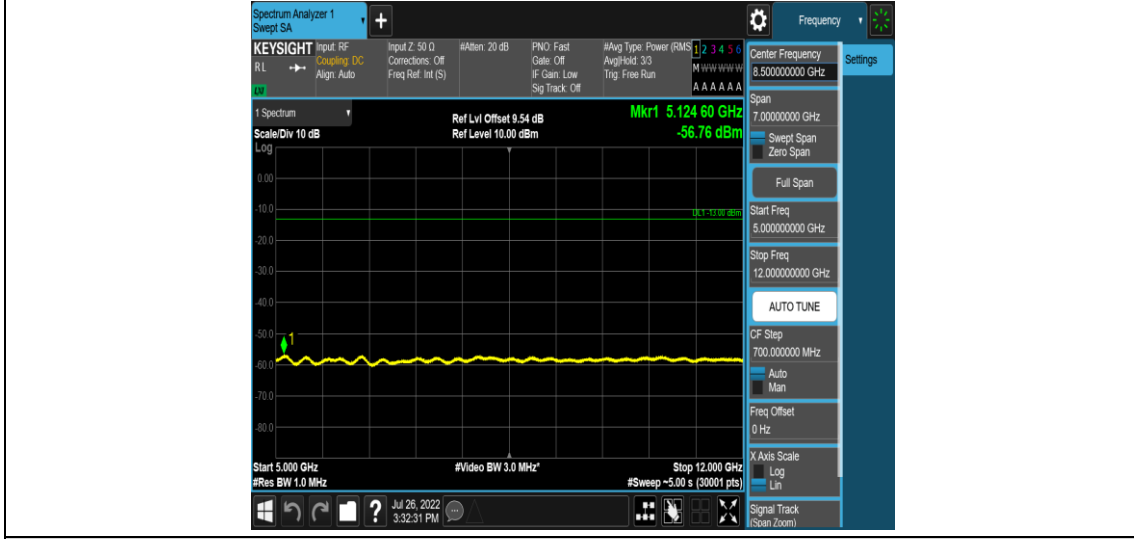
Band2-Stand-Alone-NaN-QPSK-19199-12@0-15kHz-0.15-30-0.15~30MHz@-49.2dBm--23-P
ASS



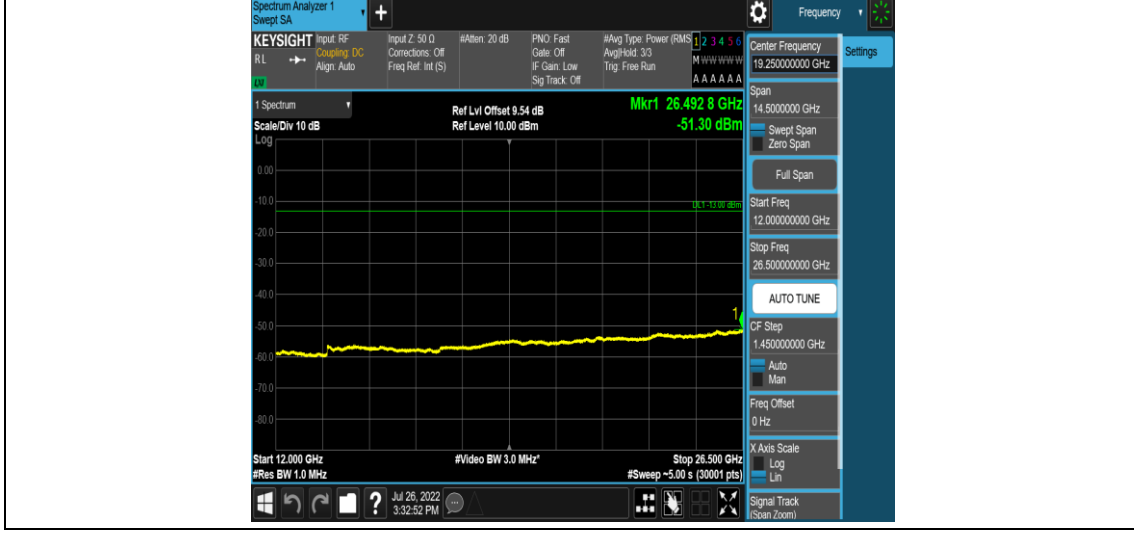
Band2-Stand-Alone-NaN-QPSK-19199-12@0-15kHz-30-1000-30~1000MHz@-32.14dBm--13
-PASS



Band2-Stand-Alone-NaN-QPSK-19199-12@0-15kHz-1000-5000-1000~5000MHz@-35.43dB
m--13-PASS



Band2-Stand-Alone-NaN-QPSK-19199-12@0-15kHz-5000-12000-5000~12000MHz@-56.76dB
Bm--13-PASS



Band2-Stand-Alone-NaN-QPSK-19199-12@0-15kHz-12000-26500-12000~26500MHz@-51.3
dBm--13-PASS

Appendix F: Frequency Stability for NB1

Test Result

Band	SCS	Modulation	Channel	Tones	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	3.75kHz	QPSK	18876	1@0	VH	NT	-23.45	-0.012489	±2.5	PASS
Band2	3.75kHz	QPSK	18876	1@0	VL	NT	-18.32	-0.009757	±2.5	PASS
Band2	3.75kHz	QPSK	18876	1@0	VN	NT	-19.40	-0.010332	±2.5	PASS
Band2	3.75kHz	QPSK	18876	1@47	VH	NT	-13.28	-0.007073	±2.5	PASS
Band2	3.75kHz	QPSK	18876	1@47	VL	NT	-13.59	-0.007238	±2.5	PASS
Band2	3.75kHz	QPSK	18876	1@47	VN	NT	-14.32	-0.007627	±2.5	PASS
Band2	15kHz	QPSK	18876	1@0	VH	NT	-28.77	-0.015323	±2.5	PASS
Band2	15kHz	QPSK	18876	1@0	VL	NT	-33.86	-0.018034	±2.5	PASS
Band2	15kHz	QPSK	18876	1@0	VN	NT	-35.53	-0.018923	±2.5	PASS
Band2	15kHz	QPSK	18876	1@11	VH	NT	-25.65	-0.013661	±2.5	PASS
Band2	15kHz	QPSK	18876	1@11	VL	NT	-45.02	-0.023977	±2.5	PASS
Band2	15kHz	QPSK	18876	1@11	VN	NT	-35.26	-0.018779	±2.5	PASS

Temperature										
Band	SCS	Modulation	Channel	Tones	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	3.75kHz	QPSK	18876	1@0	NV	-30	-21.15	-0.01126	±2.5	PASS
Band2	3.75kHz	QPSK	18876	1@0	NV	-20	-18.35	-0.00977	±2.5	PASS
Band2	3.75kHz	QPSK	18876	1@0	NV	0	-16.64	-0.00886	±2.5	PASS
Band2	3.75kHz	QPSK	18876	1@47	NV	10	-12.22	-0.00651	±2.5	PASS
Band2	3.75kHz	QPSK	18876	1@47	NV	20	-28.51	-0.01518	±2.5	PASS
Band2	3.75kHz	QPSK	18876	1@47	NV	30	-22.57	-0.01202	±2.5	PASS
Band2	15kHz	QPSK	18876	1@0	NV	-30	-30.14	-0.01605	±2.5	PASS
Band2	15kHz	QPSK	18876	1@0	NV	-20	-15.21	-0.0081	±2.5	PASS
Band2	15kHz	QPSK	18876	1@0	NV	0	-17.69	-0.00942	±2.5	PASS
Band2	15kHz	QPSK	18876	1@11	NV	10	-20.47	-0.0109	±2.5	PASS
Band2	15kHz	QPSK	18876	1@11	NV	20	-23.32	-0.01242	±2.5	PASS
Band2	15kHz	QPSK	18876	1@11	NV	30	-17.52	-0.00933	±2.5	PASS