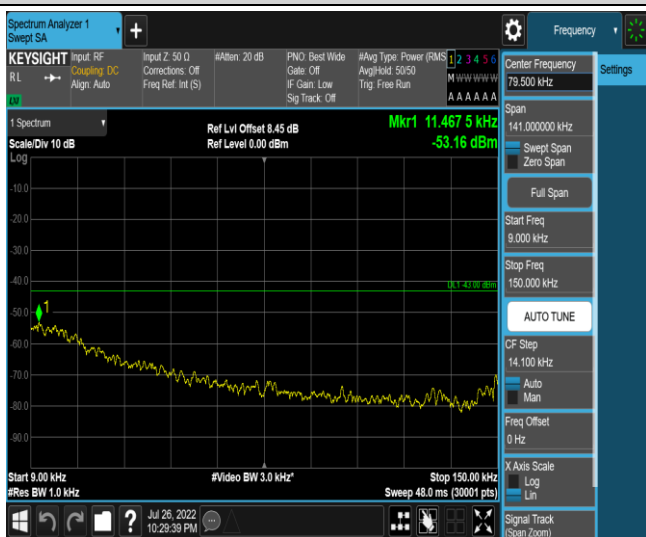


Band5-Stand-Alone-NaN-BPSK-20649-1 @0-15kHz-5000-12000-5000~12000MHz@-57.85dB
m--13-PASS



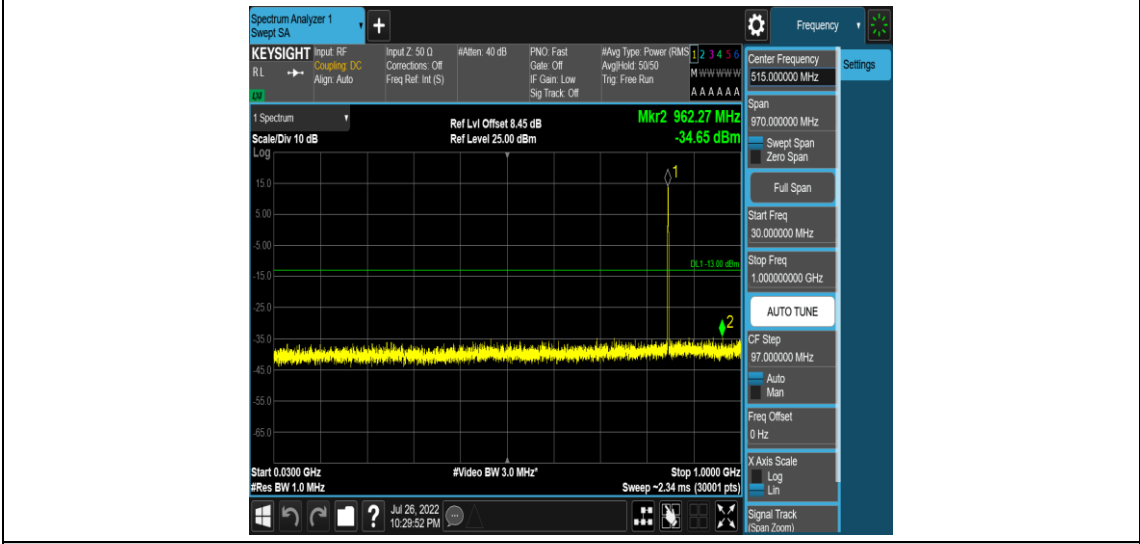
Band5-Stand-Alone-NaN-BPSK-20649-1 @0-15kHz-12000-26500-12000~26500MHz@-52.39
dBm--13-PASS



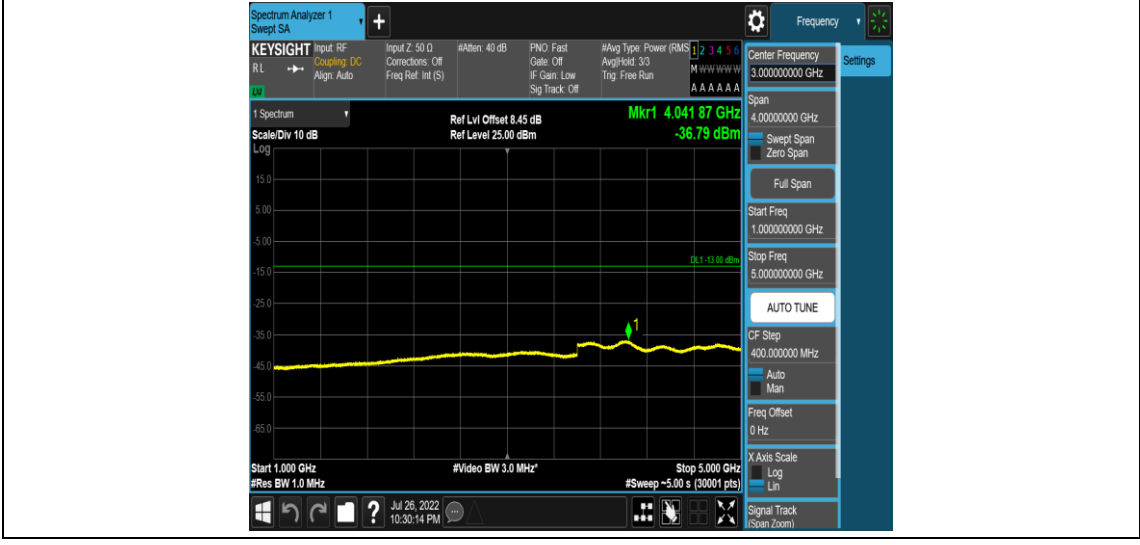
Band5-Stand-Alone-NaN-BPSK-20649-1 @11-15kHz-0.009-0.15-0.009~0.15MHz@-53.16dB
m--43-PASS



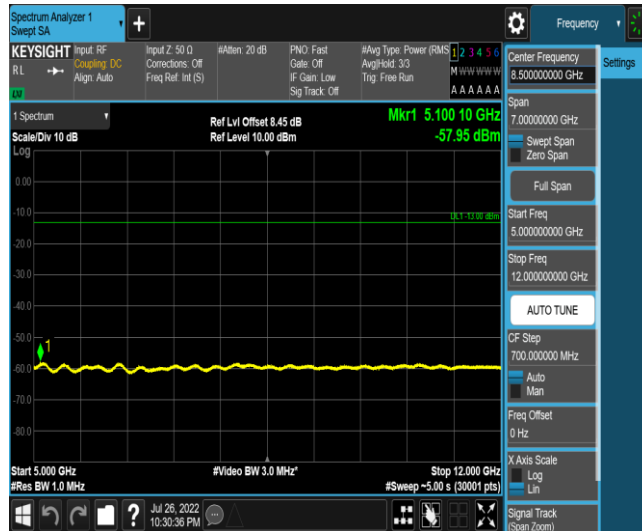
Band5-Stand-Alone-NaN-BPSK-20649-1 @ 11-15kHz-0.15-30-0.15~30MHz@-51.69dBm--23-PASS



Band5-Stand-Alone-NaN-BPSK-20649-1 @ 11-15kHz-30-1000-30~1000MHz@-34.65dBm--13-PASS



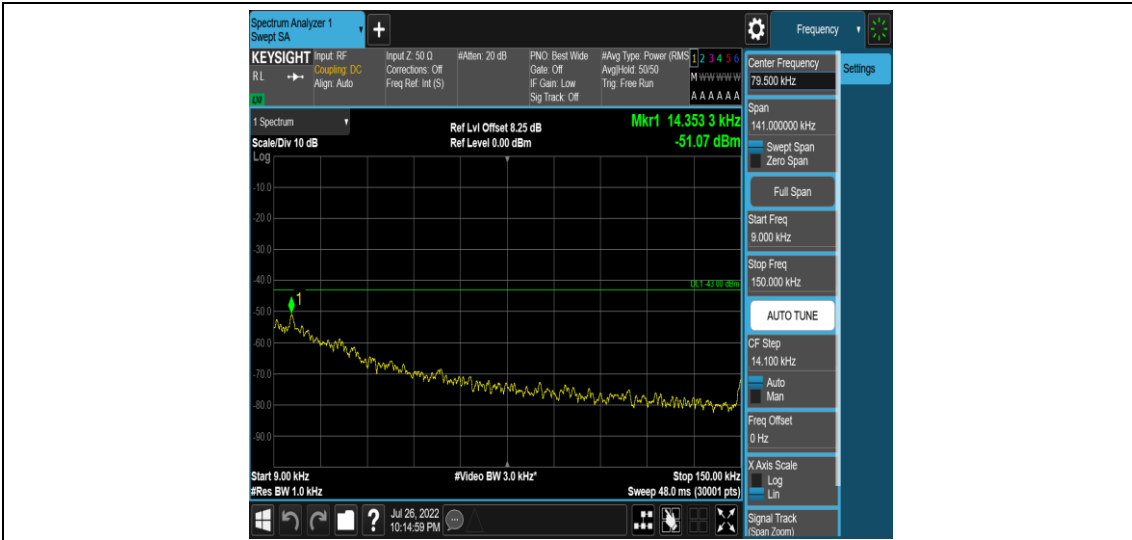
Band5-Stand-Alone-NaN-BPSK-20649-1 @ 11-15kHz-1000-5000-1000~5000MHz @ -36.79dB
m--13-PASS



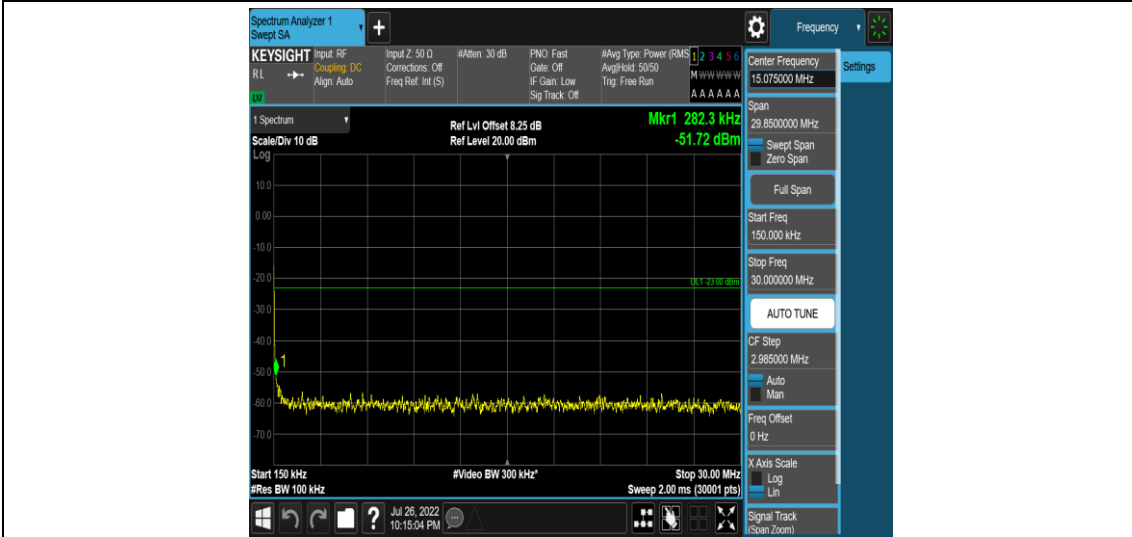
Band5-Stand-Alone-NaN-BPSK-20649-1 @ 11-15kHz-5000-12000-5000~12000MHz @ -57.95dBm--13-PASS



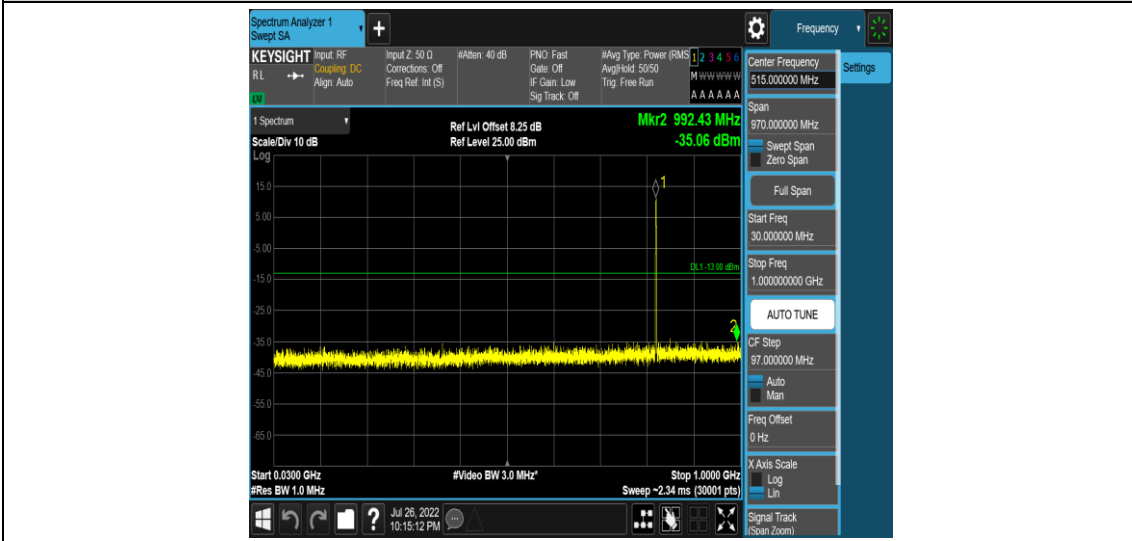
Band5-Stand-Alone-NaN-BPSK-20649-1 @ 11-15kHz-12000-26500-12000~26500MHz @ -52.39dBm--13-PASS



Band5-Stand-Alone-NaN-QPSK-20401-12@0-15kHz-0.009-0.15-0.009~0.15MHz@-51.07dB
m--43-PASS



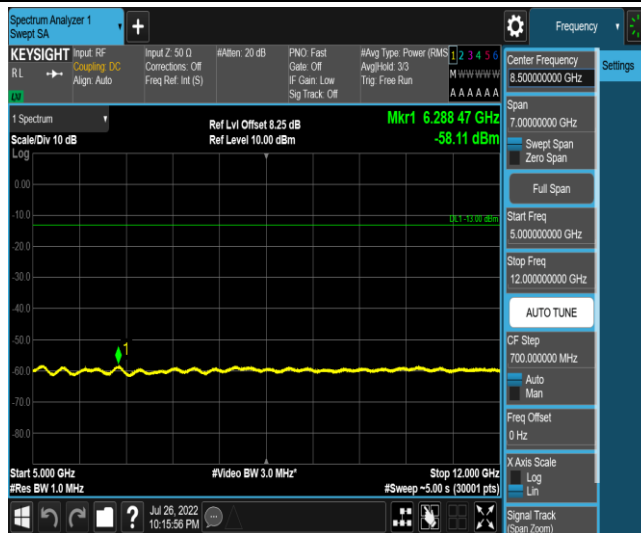
Band5-Stand-Alone-NaN-QPSK-20401-12@0-15kHz-0.15-30-0.15~30MHz@-51.72dBm--23-
PASS



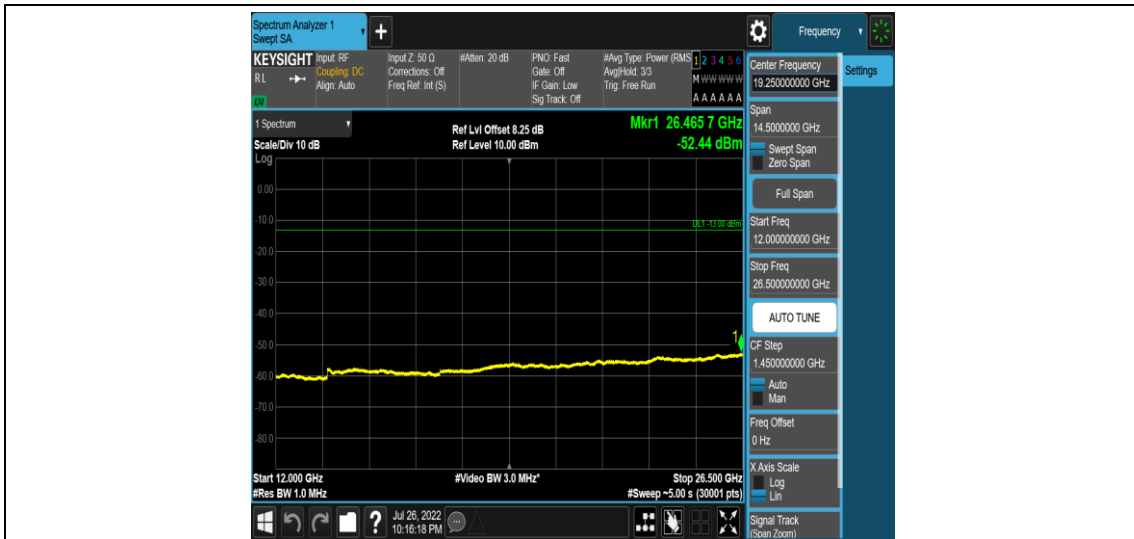
Band5-Stand-Alone-NaN-QPSK-20401-12@0-15kHz-30-1000-30~1000MHz@-35.06dBm--13
-PASS



Band5-Stand-Alone-NaN-QPSK-20401-12@0-15kHz-1000-5000-1000~5000MHz@-36.94dB
m--13-PASS



Band5-Stand-Alone-NaN-QPSK-20401-12@0-15kHz-5000-12000-5000~12000MHz@-58.11d
Bm--13-PASS



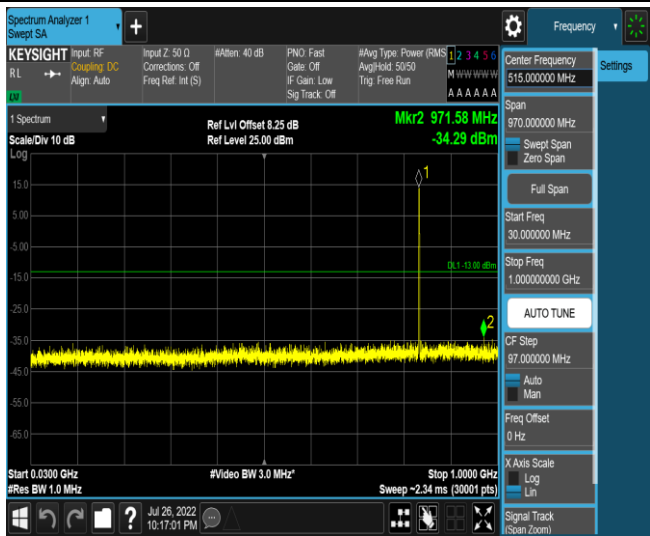
Band5-Stand-Alone-NaN-QPSK-20401-12@0-15kHz-12000-26500-12000~26500MHz@-52.4
4dBm--13-PASS



Band5-Stand-Alone-NaN-QPSK-20525-12@0-15kHz-0.009-0.15-0.009~0.15MHz@-52.5dBm
--43-PASS



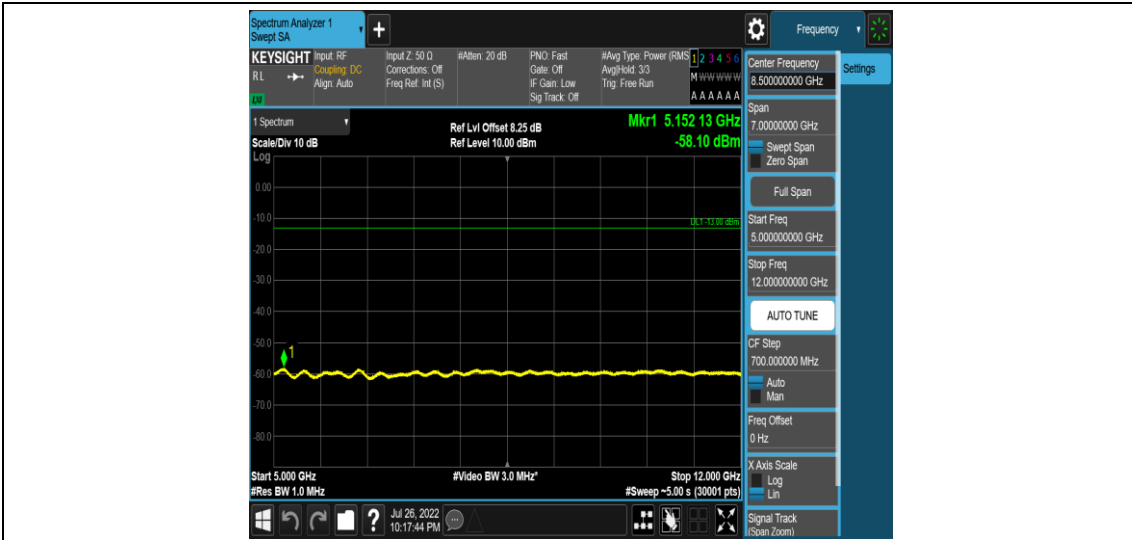
Band5-Stand-Alone-NaN-QPSK-20525-12@0-15kHz-0.15-30-0.15~30MHz@-49.8dBm--23-P
ASS



Band5-Stand-Alone-NaN-QPSK-20525-12@0-15kHz-30-1000-30~1000MHz@-34.3dBm--13-
PASS



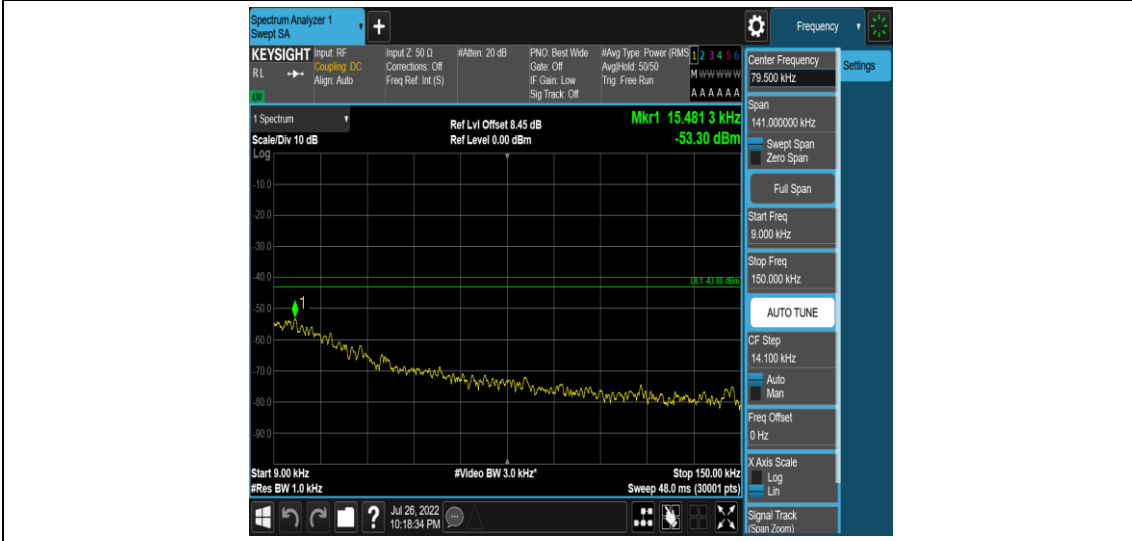
Band5-Stand-Alone-NaN-QPSK-20525-12@0-15kHz-1000-5000-1000~5000MHz@-37dBm--
13-PASS



Band5-Stand-Alone-NaN-QPSK-20525-12@0-15kHz-5000-12000-5000~12000MHz@-58.1d
Bm--13-PASS



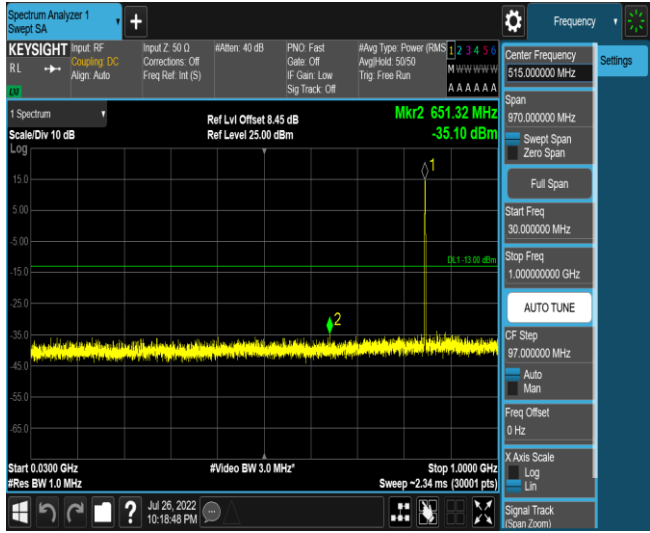
Band5-Stand-Alone-NaN-QPSK-20525-12@0-15kHz-12000-26500-12000~26500MHz@-52.5
3dBm--13-PASS



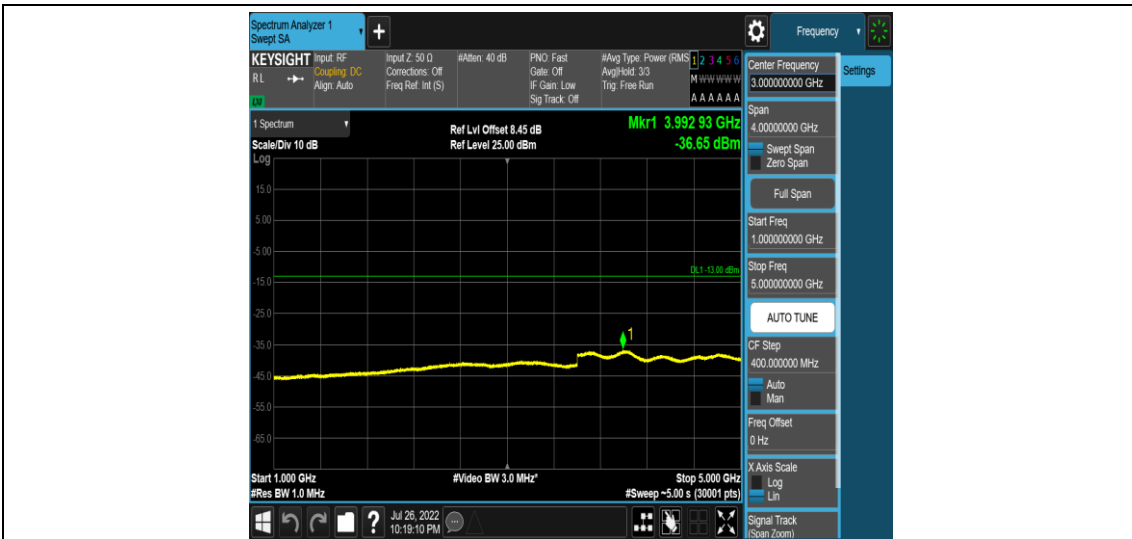
Band5-Stand-Alone-NaN-QPSK-20649-12@0-15kHz-0.009-0.15-0.009~0.15MHz@-53.3dBm
--43-PASS



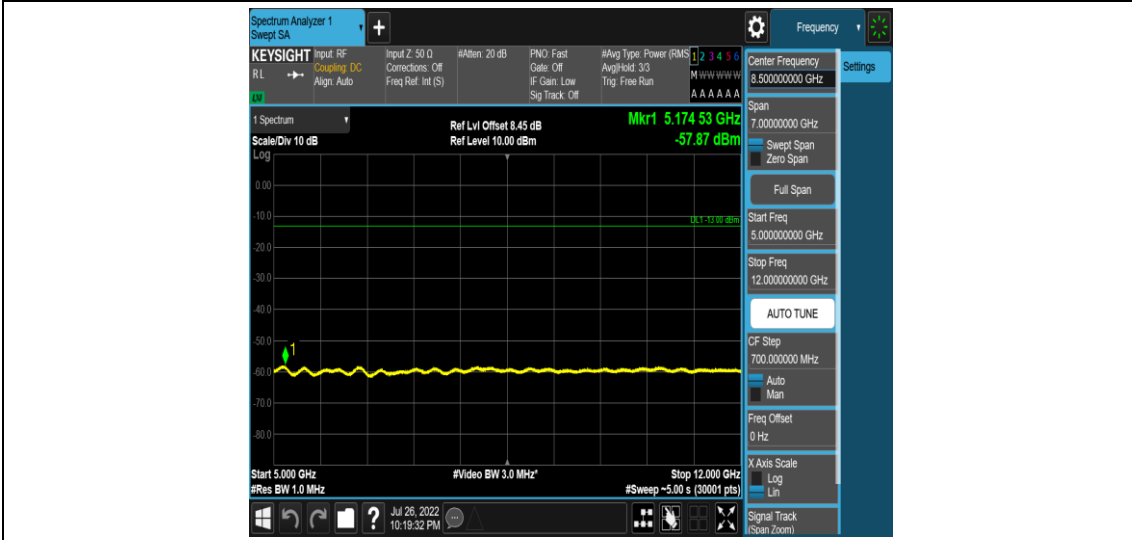
Band5-Stand-Alone-NaN-QPSK-20649-12@0-15kHz-0.15-30-0.15~30MHz@-50.55dBm--23-
PASS



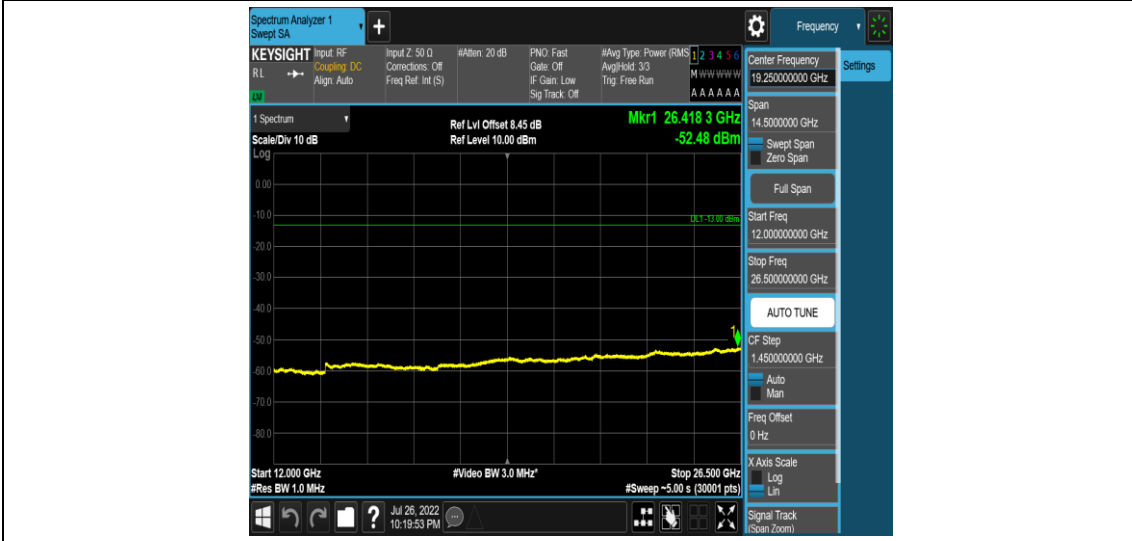
Band5-Stand-Alone-NaN-QPSK-20649-12@0-15kHz-30-1000-30~100MHz@-35.1dBm--13-
PASS



Band5-Stand-Alone-NaN-QPSK-20649-12@0-15kHz-1000-5000-1000~5000MHz@-36.65dB
m--13-PASS



Band5-Stand-Alone-NaN-QPSK-20649-12@0-15kHz-5000-12000-5000~12000MHz@-57.87dB
Bm--13-PASS



Band5-Stand-Alone-NaN-QPSK-20649-12@0-15kHz-12000-26500-12000~26500MHz@-52.4
8dBm--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
Band5	3.75kHz	QPSK	20525	1@0	VH	NT	-5.34	-0.006384	±2.5	PASS
Band5	3.75kHz	QPSK	20525	1@0	VL	NT	-6.08	-0.007268	±2.5	PASS
Band5	3.75kHz	QPSK	20525	1@0	VN	NT	-4.95	-0.005918	±2.5	PASS
Band5	3.75kHz	QPSK	20525	1@47	VH	NT	-6.08	-0.007268	±2.5	PASS
Band5	3.75kHz	QPSK	20525	1@47	VL	NT	-5.42	-0.006479	±2.5	PASS
Band5	3.75kHz	QPSK	20525	1@47	VN	NT	-6.17	-0.007376	±2.5	PASS
Band5	15kHz	QPSK	20525	1@0	VH	NT	6.44	0.007699	±2.5	PASS
Band5	15kHz	QPSK	20525	1@0	VL	NT	-5.95	-0.007113	±2.5	PASS
Band5	15kHz	QPSK	20525	1@0	VN	NT	6.51	0.007782	±2.5	PASS
Band5	15kHz	QPSK	20525	1@11	VH	NT	-7.72	-0.009229	±2.5	PASS
Band5	15kHz	QPSK	20525	1@11	VL	NT	-7.40	-0.008846	±2.5	PASS
Band5	15kHz	QPSK	20525	1@11	VN	NT	-6.01	-0.007185	±2.5	PASS

Temperature										
Band	SCS	Modulation	Channel	Tones	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	3.75kHz	QPSK	20525	1@0	NV	-30	-6.74	-0.00806	±2.5	PASS
Band5	3.75kHz	QPSK	20525	1@0	NV	-20	-7.15	-0.00855	±2.5	PASS
Band5	3.75kHz	QPSK	20525	1@0	NV	0	-8.25	-0.00986	±2.5	PASS
Band5	3.75kHz	QPSK	20525	1@47	NV	10	-7.15	-0.00855	±2.5	PASS
Band5	3.75kHz	QPSK	20525	1@47	NV	20	-7.35	-0.00879	±2.5	PASS
Band5	3.75kHz	QPSK	20525	1@47	NV	30	-8.98	-0.01074	±2.5	PASS
Band5	15kHz	QPSK	20525	1@0	NV	-30	-8.14	-0.00973	±2.5	PASS
Band5	15kHz	QPSK	20525	1@0	NV	-20	-5.98	-0.00715	±2.5	PASS
Band5	15kHz	QPSK	20525	1@0	NV	0	-6.98	-0.00834	±2.5	PASS
Band5	15kHz	QPSK	20525	1@11	NV	10	-7.12	-0.00851	±2.5	PASS
Band5	15kHz	QPSK	20525	1@11	NV	20	-6.15	-0.00735	±2.5	PASS
Band5	15kHz	QPSK	20525	1@11	NV	30	-6.95	-0.00831	±2.5	PASS