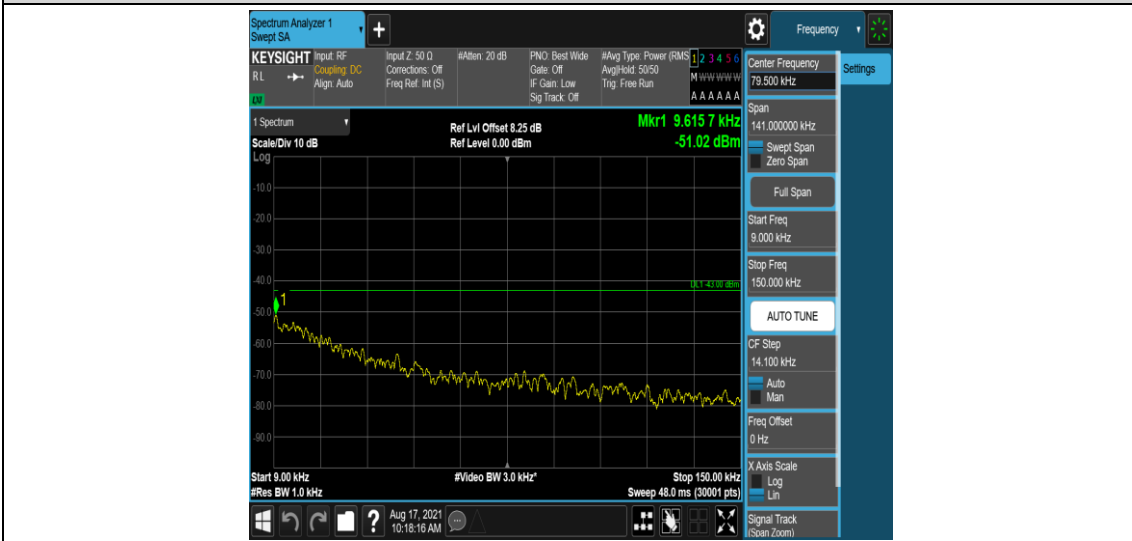




Band26-15MHz-QPSK-26960-1-0-High-5000-12000--57.78-PASS



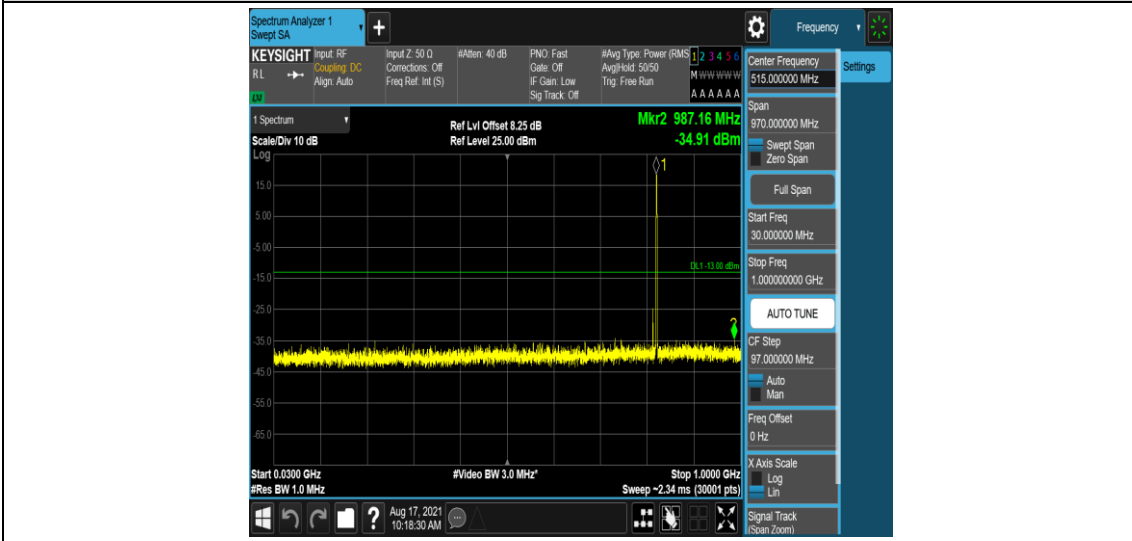
Band26-15MHz-QPSK-26960-1-0-High-12000-26500--52.32-PASS



Band26-15MHz-16QAM-26865-1-0-Low-0.009-0.15--51.02-PASS



Band26-15MHz-16QAM-26865-1-0-Low-0.15-30--51.87-PASS



Band26-15MHz-16QAM-26865-1-0-Low-30-1000--34.92-PASS



Band26-15MHz-16QAM-26865-1-0-Low-1000-5000--36.71-PASS



Band26-15MHz-16QAM-26865-1-0-Low-5000-12000--57.83-PASS



Band26-15MHz-16QAM-26865-1-0-Low-12000-26500--52.51-PASS



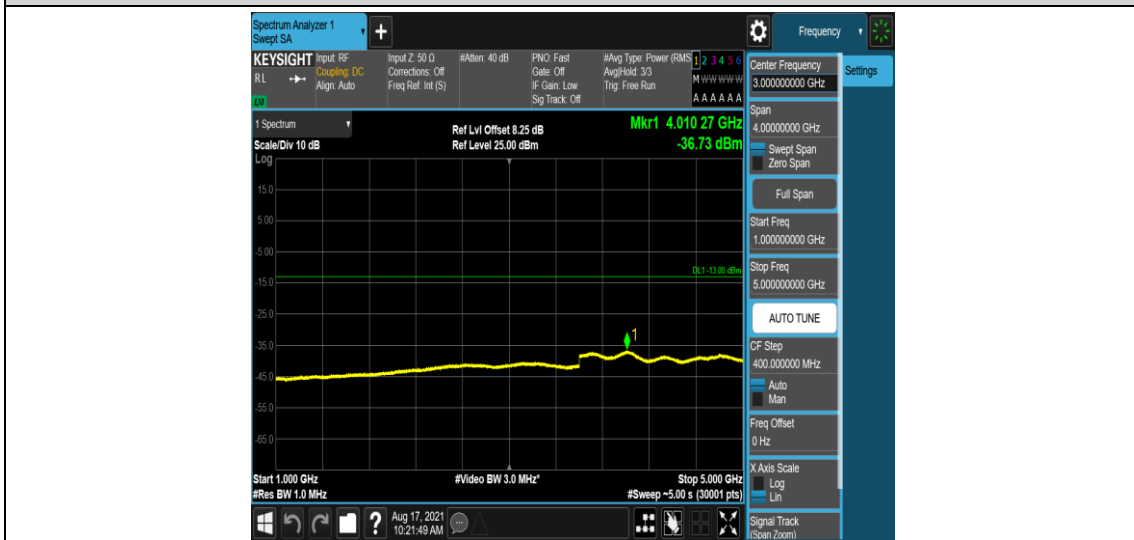
Band26-15MHz-16QAM-26915-1-0-Low-0.009-0.15--52.12-PASS



Band26-15MHz-16QAM-26915-1-0-Low-0.15-30--50.44-PASS



Band26-15MHz-16QAM-26915-1-0-Low-30-1000--35.05-PASS



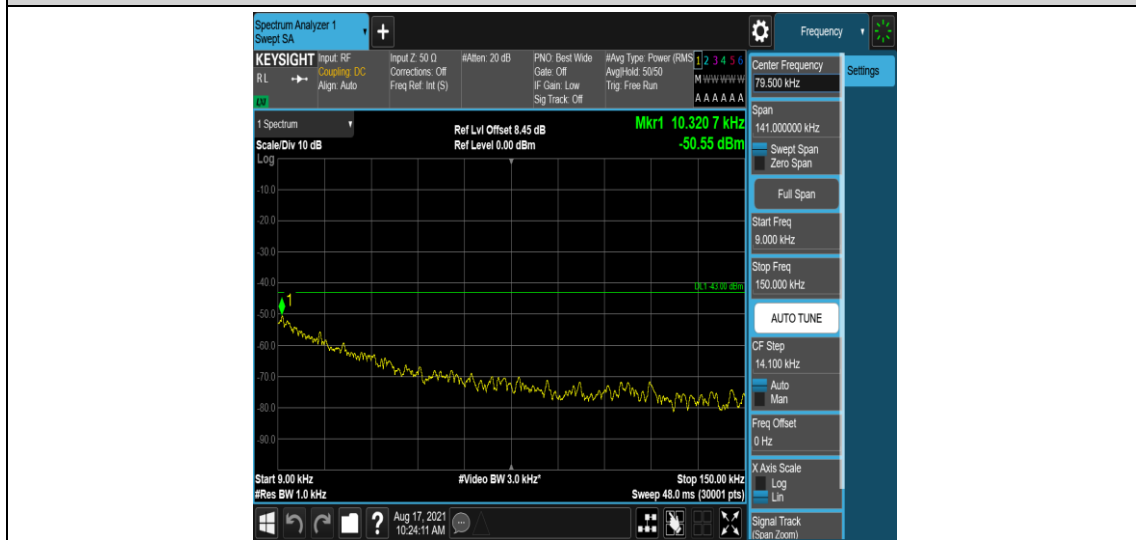
Band26-15MHz-16QAM-26915-1-0-Low-1000-5000--36.73-PASS



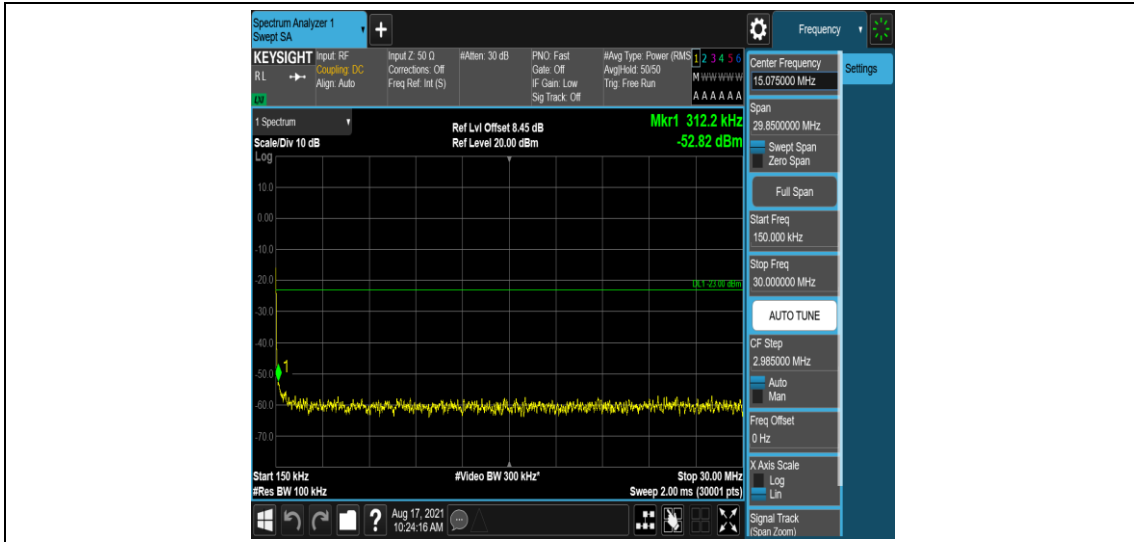
Band26-15MHz-16QAM-26915-1-0-Low-5000-12000--57.98-PASS



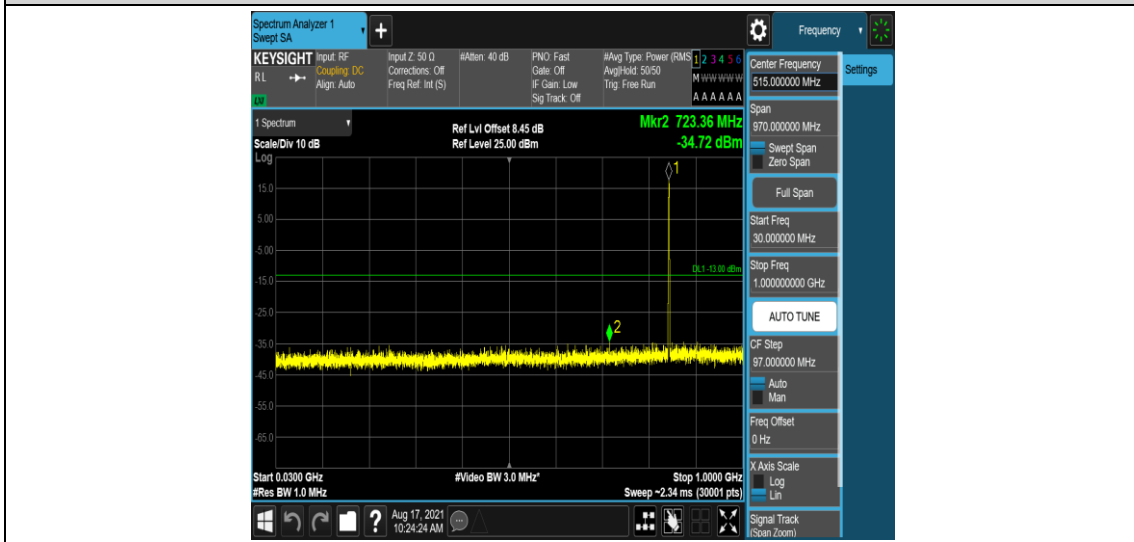
Band26-15MHz-16QAM-26915-1-0-Low-12000-26500--52.51-PASS



Band26-15MHz-16QAM-26960-1-0-High-0.009-0.15--50.55-PASS



Band26-15MHz-16QAM-26960-1-0-High-0.15-30--52.82-PASS



Band26-15MHz-16QAM-26960-1-0-High-30-1000--34.72-PASS



Band26-15MHz-16QAM-26960-1-0-High-1000-5000--36.55-PASS



Band26-15MHz-16QAM-26960-1-0-High-5000-12000--57.77-PASS



Band26-15MHz-16QAM-26960-1-0-High-12000-26500--52.16-PASS

Appendix F: Frequency Stability for M1**Test Result****Channel Bandwidth: 1.4 MHz**

Channel Bandwidth: 1.4 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	2.77	0.003359	± 2.5	PASS
		VN	TN	-1.62	-0.001964	± 2.5	PASS
		VH	TN	0.57	0.000691	± 2.5	PASS
	MCH	VL	TN	0.62	0.000741	± 2.5	PASS
		VN	TN	0.38	0.000454	± 2.5	PASS
		VH	TN	3.38	0.004041	± 2.5	PASS
	HCH	VL	TN	2.3	0.002711	± 2.5	PASS
		VN	TN	-0.46	-0.000542	± 2.5	PASS
		VH	TN	1.67	0.001969	± 2.5	PASS
16QAM	LCH	VL	TN	0.85	0.001031	± 2.5	PASS
		VN	TN	-0.18	-0.000218	± 2.5	PASS
		VH	TN	1.73	0.002098	± 2.5	PASS
	MCH	VL	TN	3.5	0.004184	± 2.5	PASS
		VN	TN	2.07	0.002475	± 2.5	PASS
		VH	TN	0.15	0.000179	± 2.5	PASS
	HCH	VL	TN	4.75	0.005599	± 2.5	PASS
		VN	TN	-1.21	-0.001426	± 2.5	PASS
		VH	TN	-1.47	-0.001733	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.29	0.001564	± 2.5	PASS
		VN	-20	1.32	0.001601	± 2.5	PASS
		VN	-10	3.44	0.004171	± 2.5	PASS
		VN	0	1.46	0.001770	± 2.5	PASS
		VN	10	-1.04	-0.001261	± 2.5	PASS
		VN	20	1.12	0.001358	± 2.5	PASS
		VN	30	1.6	0.001940	± 2.5	PASS
		VN	40	-1.75	-0.002122	± 2.5	PASS
	VN	50	-0.11	-0.000133	± 2.5	PASS	
MCH	VN	-30	2.44	0.002917	± 2.5	PASS	

		VN	-20	-1.77	-0.002116	± 2.5	PASS
		VN	-10	3.13	0.003742	± 2.5	PASS
		VN	0	-0.21	-0.000251	± 2.5	PASS
		VN	10	3.07	0.003670	± 2.5	PASS
		VN	20	0.42	0.000502	± 2.5	PASS
		VN	30	3.71	0.004435	± 2.5	PASS
		VN	40	3.1	0.003706	± 2.5	PASS
		VN	50	4.33	0.005176	± 2.5	PASS
	HCH	VN	-30	4.07	0.004798	± 2.5	PASS
		VN	-20	3	0.003536	± 2.5	PASS
		VN	-10	2.47	0.002912	± 2.5	PASS
		VN	0	4.28	0.005045	± 2.5	PASS
		VN	10	4.32	0.005093	± 2.5	PASS
		VN	20	0.1	0.000118	± 2.5	PASS
		VN	30	0.31	0.000365	± 2.5	PASS
		VN	40	3.19	0.003760	± 2.5	PASS
		VN	50	3.82	0.004503	± 2.5	PASS
		16QAM	LCH	VN	-30	4.72	0.005723
VN	-20			2.07	0.002510	± 2.5	PASS
VN	-10			-1.48	-0.001795	± 2.5	PASS
VN	0			0.58	0.000703	± 2.5	PASS
VN	10			1.19	0.001443	± 2.5	PASS
VN	20			4.67	0.005663	± 2.5	PASS
VN	30			4.92	0.005966	± 2.5	PASS
VN	40			2.29	0.002777	± 2.5	PASS
VN	50			-0.83	-0.001006	± 2.5	PASS
MCH	VN		-30	-0.67	-0.000790	± 2.5	PASS
	VN		-20	1.97	0.002322	± 2.5	PASS
	VN		-10	0.67	0.000790	± 2.5	PASS
	VN		0	1.38	0.001627	± 2.5	PASS
	VN		10	-0.62	-0.000731	± 2.5	PASS
	VN		20	0.48	0.000566	± 2.5	PASS
	VN		30	2.57	0.003030	± 2.5	PASS
	VN		40	0.86	0.001014	± 2.5	PASS
	VN		50	4.18	0.004928	± 2.5	PASS
HCH	VN		-30	0.13	0.000153	± 2.5	PASS
	VN		-20	-0.71	-0.000837	± 2.5	PASS
	VN		-10	3.89	0.004586	± 2.5	PASS
	VN		0	4.98	0.005871	± 2.5	PASS
	VN		10	3.43	0.004043	± 2.5	PASS
	VN		20	1.97	0.002322	± 2.5	PASS

		VN	30	3.19	0.003760	± 2.5	PASS
		VN	40	2.97	0.003501	± 2.5	PASS
		VN	50	-1.83	-0.002157	± 2.5	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz+							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	2.77	0.003356	± 2.5	PASS
		VN	TN	0.53	0.000642	± 2.5	PASS
		VH	TN	-0.64	-0.000775	± 2.5	PASS
	MCH	VL	TN	0.75	0.000897	± 2.5	PASS
		VN	TN	4.4	0.005260	± 2.5	PASS
		VH	TN	2.77	0.003311	± 2.5	PASS
	HCH	VL	TN	-1.95	-0.002301	± 2.5	PASS
		VN	TN	0.18	0.000212	± 2.5	PASS
		VH	TN	0.86	0.001015	± 2.5	PASS
16QAM	LCH	VL	TN	4.42	0.005354	± 2.5	PASS
		VN	TN	1.79	0.002168	± 2.5	PASS
		VH	TN	1.3	0.001575	± 2.5	PASS
	MCH	VL	TN	-0.48	-0.000574	± 2.5	PASS
		VN	TN	-0.99	-0.001184	± 2.5	PASS
		VH	TN	4.37	0.005224	± 2.5	PASS
	HCH	VL	TN	0.83	0.000979	± 2.5	PASS
		VN	TN	-0.99	-0.001168	± 2.5	PASS
		VH	TN	0.13	0.000153	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.42	0.002932	± 2.5	PASS
		VN	-20	-0.81	-0.000981	± 2.5	PASS
		VN	-10	2.26	0.002738	± 2.5	PASS
		VN	0	-1.86	-0.002253	± 2.5	PASS
		VN	10	-0.05	-0.000061	± 2.5	PASS
		VN	20	0.57	0.000690	± 2.5	PASS
		VN	30	3.57	0.004325	± 2.5	PASS
		VN	40	2.63	0.003186	± 2.5	PASS
		VN	50	-1.41	-0.001708	± 2.5	PASS
	MCH	VN	-30	-1.62	-0.001937	± 2.5	PASS
		VN	-20	-1.21	-0.001447	± 2.5	PASS

		VN	-10	-0.64	-0.000765	± 2.5	PASS		
		VN	0	0.61	0.000729	± 2.5	PASS		
		VN	10	3.28	0.003921	± 2.5	PASS		
		VN	20	-1.25	-0.001494	± 2.5	PASS		
		VN	30	3.96	0.004734	± 2.5	PASS		
		VN	40	2.76	0.003299	± 2.5	PASS		
		VN	50	4.97	0.005941	± 2.5	PASS		
	HCH	VN	-30	3.66	0.004319	± 2.5	PASS		
		VN	-20	3.98	0.004696	± 2.5	PASS		
		VN	-10	4.3	0.005074	± 2.5	PASS		
		VN	0	-1.28	-0.001510	± 2.5	PASS		
		VN	10	-0.27	-0.000319	± 2.5	PASS		
		VN	20	2.92	0.003445	± 2.5	PASS		
		VN	30	1.93	0.002277	± 2.5	PASS		
		VN	40	-0.04	-0.000047	± 2.5	PASS		
		VN	50	1.71	0.002018	± 2.5	PASS		
		16QAM	LCH	VN	-30	0.77	0.000921	± 2.5	PASS
				VN	-20	0.22	0.000263	± 2.5	PASS
VN	-10			2.47	0.002953	± 2.5	PASS		
VN	0			3.26	0.003897	± 2.5	PASS		
VN	10			2.43	0.002905	± 2.5	PASS		
VN	20			3.69	0.004411	± 2.5	PASS		
VN	30			4.57	0.005463	± 2.5	PASS		
VN	40			1.41	0.001686	± 2.5	PASS		
VN	50			-0.88	-0.001052	± 2.5	PASS		
MCH	VN		-30	0.16	0.000189	± 2.5	PASS		
	VN		-20	1.09	0.001286	± 2.5	PASS		
	VN		-10	1.45	0.001711	± 2.5	PASS		
	VN		0	-1.86	-0.002195	± 2.5	PASS		
	VN		10	4.93	0.005817	± 2.5	PASS		
	VN		20	2.07	0.002442	± 2.5	PASS		
	VN		30	1.28	0.001510	± 2.5	PASS		
	VN		40	-0.27	-0.000319	± 2.5	PASS		
	VN		50	0.16	0.000189	± 2.5	PASS		
HCH	VN		-30	3.41	0.004024	± 2.5	PASS		
	VN		-20	-1.36	-0.001605	± 2.5	PASS		
	VN		-10	-0.73	-0.000861	± 2.5	PASS		
	VN		0	2.86	0.003375	± 2.5	PASS		
	VN		10	2.8	0.003304	± 2.5	PASS		
	VN		20	1.45	0.001711	± 2.5	PASS		
	VN		30	-1.99	-0.002348	± 2.5	PASS		

		VN	40	0.58	0.000684	± 2.5	PASS
		VN	50	2.68	0.003162	± 2.5	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	2.77	0.003351	± 2.5	PASS
		VN	TN	1.29	0.001561	± 2.5	PASS
		VH	TN	1.84	0.002226	± 2.5	PASS
	MCH	VL	TN	2.08	0.002487	± 2.5	PASS
		VN	TN	4.73	0.005655	± 2.5	PASS
		VH	TN	-1.67	-0.001996	± 2.5	PASS
	HCH	VL	TN	3.61	0.004265	± 2.5	PASS
		VN	TN	-0.64	-0.000756	± 2.5	PASS
		VH	TN	-1.93	-0.002280	± 2.5	PASS
16QAM	LCH	VL	TN	1.28	0.001549	± 2.5	PASS
		VN	TN	-1.88	-0.002275	± 2.5	PASS
		VH	TN	3.42	0.004138	± 2.5	PASS
	MCH	VL	TN	2.4	0.002869	± 2.5	PASS
		VN	TN	2.52	0.003013	± 2.5	PASS
		VH	TN	2.82	0.003371	± 2.5	PASS
	HCH	VL	TN	0.95	0.001122	± 2.5	PASS
		VN	TN	1.21	0.001429	± 2.5	PASS
		VH	TN	1.2	0.001418	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.34	0.005251	± 2.5	PASS
		VN	-20	-0.52	-0.000629	± 2.5	PASS
		VN	-10	-1.41	-0.001706	± 2.5	PASS
		VN	0	1.84	0.002226	± 2.5	PASS
		VN	10	4.36	0.005275	± 2.5	PASS
		VN	20	2.05	0.002480	± 2.5	PASS
		VN	30	3.07	0.003714	± 2.5	PASS
		VN	40	2.74	0.003315	± 2.5	PASS
		VN	50	2.99	0.003618	± 2.5	PASS
	MCH	VN	-30	3.28	0.003921	± 2.5	PASS
		VN	-20	0.23	0.000275	± 2.5	PASS
		VN	-10	-1.45	-0.001733	± 2.5	PASS

		VN	0	-1.57	-0.001877	± 2.5	PASS		
		VN	10	0.64	0.000765	± 2.5	PASS		
		VN	20	0	0.000000	± 2.5	PASS		
		VN	30	2.36	0.002821	± 2.5	PASS		
		VN	40	4.23	0.005057	± 2.5	PASS		
		VN	50	4.79	0.005726	± 2.5	PASS		
	HCH	VN	-30	1.5	0.001772	± 2.5	PASS		
		VN	-20	1.07	0.001264	± 2.5	PASS		
		VN	-10	-1.91	-0.002256	± 2.5	PASS		
		VN	0	0.5	0.000591	± 2.5	PASS		
		VN	10	4.88	0.005765	± 2.5	PASS		
		VN	20	2.77	0.003272	± 2.5	PASS		
		VN	30	3.28	0.003875	± 2.5	PASS		
		VN	40	0.62	0.000732	± 2.5	PASS		
		VN	50	-1.92	-0.002268	± 2.5	PASS		
		16QAM	LCH	VN	-30	3.64	0.004351	± 2.5	PASS
				VN	-20	3.56	0.004256	± 2.5	PASS
				VN	-10	2.29	0.002738	± 2.5	PASS
VN	0			4.59	0.005487	± 2.5	PASS		
VN	10			-1.22	-0.001458	± 2.5	PASS		
VN	20			4.86	0.005810	± 2.5	PASS		
VN	30			-1.7	-0.002032	± 2.5	PASS		
VN	40			-0.64	-0.000765	± 2.5	PASS		
VN	50			2.94	0.003515	± 2.5	PASS		
MCH	VN		-30	2.23	0.002634	± 2.5	PASS		
	VN		-20	4.62	0.005458	± 2.5	PASS		
	VN		-10	4.23	0.004997	± 2.5	PASS		
	VN		0	-0.93	-0.001099	± 2.5	PASS		
	VN		10	2.78	0.003284	± 2.5	PASS		
	VN		20	2.19	0.002587	± 2.5	PASS		
	VN		30	2.72	0.003213	± 2.5	PASS		
	VN		40	4.07	0.004808	± 2.5	PASS		
	VN		50	4.58	0.005411	± 2.5	PASS		
HCH	VN		-30	4.92	0.005812	± 2.5	PASS		
	VN		-20	0.91	0.001075	± 2.5	PASS		
	VN		-10	-1.28	-0.001512	± 2.5	PASS		
	VN		0	1.75	0.002067	± 2.5	PASS		
	VN		10	3.39	0.004005	± 2.5	PASS		
	VN		20	4.4	0.005198	± 2.5	PASS		
	VN		30	1.71	0.002020	± 2.5	PASS		
	VN		40	-1.02	-0.001205	± 2.5	PASS		

		VN	50	-1.44	-0.001701	± 2.5	PASS
--	--	----	----	-------	-----------	-------	------

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	2.77	0.003341	± 2.5	PASS
		VN	TN	3.18	0.003836	± 2.5	PASS
		VH	TN	0.37	0.000446	± 2.5	PASS
	MCH	VL	TN	4.17	0.004985	± 2.5	PASS
		VN	TN	1.54	0.001841	± 2.5	PASS
		VH	TN	2.45	0.002929	± 2.5	PASS
	HCH	VL	TN	0.55	0.000652	± 2.5	PASS
		VN	TN	2.46	0.002915	± 2.5	PASS
		VH	TN	3.8	0.004502	± 2.5	PASS
16QAM	LCH	VL	TN	0.94	0.001134	± 2.5	PASS
		VN	TN	-1.19	-0.001435	± 2.5	PASS
		VH	TN	1.33	0.001604	± 2.5	PASS
	MCH	VL	TN	-0.68	-0.000813	± 2.5	PASS
		VN	TN	0.01	0.000012	± 2.5	PASS
		VH	TN	1.04	0.001243	± 2.5	PASS
	HCH	VL	TN	-1.81	-0.002145	± 2.5	PASS
		VN	TN	2.59	0.003069	± 2.5	PASS
		VH	TN	3.5	0.004147	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.57	-0.000688	± 2.5	PASS
		VN	-20	-1.45	-0.001749	± 2.5	PASS
		VN	-10	-0.54	-0.000651	± 2.5	PASS
		VN	0	3.79	0.004572	± 2.5	PASS
		VN	10	2.22	0.002678	± 2.5	PASS
		VN	20	-1.93	-0.002328	± 2.5	PASS
		VN	30	-1.61	-0.001942	± 2.5	PASS
		VN	40	2.55	0.003076	± 2.5	PASS
		VN	50	3.61	0.004355	± 2.5	PASS
	MCH	VN	-30	1.65	0.001973	± 2.5	PASS
		VN	-20	-0.53	-0.000634	± 2.5	PASS
		VN	-10	-0.79	-0.000944	± 2.5	PASS
		VN	0	-1.95	-0.002331	± 2.5	PASS

		VN	10	-1.49	-0.001781	± 2.5	PASS
		VN	20	-0.7	-0.000837	± 2.5	PASS
		VN	30	2.77	0.003311	± 2.5	PASS
		VN	40	3.45	0.004124	± 2.5	PASS
		VN	50	0.64	0.000765	± 2.5	PASS
	HCH	VN	-30	4.78	0.005664	± 2.5	PASS
		VN	-20	3.85	0.004562	± 2.5	PASS
		VN	-10	-1.28	-0.001517	± 2.5	PASS
		VN	0	3.19	0.003780	± 2.5	PASS
		VN	10	0.29	0.000344	± 2.5	PASS
		VN	20	1.23	0.001457	± 2.5	PASS
		VN	30	2.91	0.003448	± 2.5	PASS
		VN	40	3.23	0.003827	± 2.5	PASS
		VN	50	-0.9	-0.001066	± 2.5	PASS
		16QAM	LCH	VN	-30	4.31	0.005152
VN	-20			-0.52	-0.000622	± 2.5	PASS
VN	-10			0.17	0.000203	± 2.5	PASS
VN	0			3.61	0.004316	± 2.5	PASS
VN	10			1.24	0.001482	± 2.5	PASS
VN	20			4.72	0.005643	± 2.5	PASS
VN	30			-0.2	-0.000239	± 2.5	PASS
VN	40			1.41	0.001686	± 2.5	PASS
VN	50			0.15	0.000179	± 2.5	PASS
MCH	VN		-30	2.83	0.003353	± 2.5	PASS
	VN		-20	4.56	0.005403	± 2.5	PASS
	VN		-10	-1.62	-0.001919	± 2.5	PASS
	VN		0	4.12	0.004882	± 2.5	PASS
	VN		10	1.75	0.002073	± 2.5	PASS
	VN		20	4.36	0.005166	± 2.5	PASS
	VN	30	2.41	0.002855	± 2.5	PASS	
	VN	40	2.37	0.002808	± 2.5	PASS	
	VN	50	-1.52	-0.001801	± 2.5	PASS	
HCH	VN	-30	-1.85	-0.002192	± 2.5	PASS	
	VN	-20	0.49	0.000581	± 2.5	PASS	
	VN	-10	1.91	0.002263	± 2.5	PASS	
	VN	0	-1.9	-0.002251	± 2.5	PASS	
	VN	10	2.03	0.002405	± 2.5	PASS	
	VN	20	0.02	0.000024	± 2.5	PASS	
	VN	30	4.1	0.004858	± 2.5	PASS	
	VN	40	4.59	0.005438	± 2.5	PASS	
	VN	50	1.74	0.002062	± 2.5	PASS	

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	2.77	0.003331	± 2.5	PASS
		VN	TN	-0.76	-0.000914	± 2.5	PASS
		VH	TN	3.39	0.004077	± 2.5	PASS
	MCH	VL	TN	-0.51	-0.000610	± 2.5	PASS
		VN	TN	2.71	0.003240	± 2.5	PASS
		VH	TN	1.95	0.002331	± 2.5	PASS
	HCH	VL	TN	-0.64	-0.000761	± 2.5	PASS
		VN	TN	3.23	0.003838	± 2.5	PASS
		VH	TN	3.83	0.004551	± 2.5	PASS
16QAM	LCH	VL	TN	1.49	0.001792	± 2.5	PASS
		VN	TN	3.77	0.004534	± 2.5	PASS
		VH	TN	2.17	0.002610	± 2.5	PASS
	MCH	VL	TN	1.72	0.002056	± 2.5	PASS
		VN	TN	-0.69	-0.000825	± 2.5	PASS
		VH	TN	2.66	0.003180	± 2.5	PASS
	HCH	VL	TN	0	0.000000	± 2.5	PASS
		VN	TN	-0.15	-0.000178	± 2.5	PASS
		VH	TN	-0.88	-0.001046	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.6	-0.001924	± 2.5	PASS
		VN	-20	1.01	0.001215	± 2.5	PASS
		VN	-10	0.09	0.000108	± 2.5	PASS
		VN	0	-1.99	-0.002393	± 2.5	PASS
		VN	10	-0.58	-0.000698	± 2.5	PASS
		VN	20	3.9	0.004690	± 2.5	PASS
		VN	30	-0.07	-0.000084	± 2.5	PASS
		VN	40	-0.79	-0.000950	± 2.5	PASS
		VN	50	3.55	0.004269	± 2.5	PASS
	MCH	VN	-30	3.75	0.004483	± 2.5	PASS
		VN	-20	-0.45	-0.000538	± 2.5	PASS
		VN	-10	1.31	0.001566	± 2.5	PASS
		VN	0	3.46	0.004136	± 2.5	PASS
		VN	10	4.73	0.005655	± 2.5	PASS

		VN	20	-0.25	-0.000299	± 2.5	PASS
		VN	30	2.03	0.002427	± 2.5	PASS
		VN	40	-1.41	-0.001686	± 2.5	PASS
		VN	50	-1.95	-0.002331	± 2.5	PASS
	HCH	VN	-30	-0.84	-0.000998	± 2.5	PASS
		VN	-20	3.81	0.004528	± 2.5	PASS
		VN	-10	-0.2	-0.000238	± 2.5	PASS
		VN	0	1.28	0.001521	± 2.5	PASS
		VN	10	4.8	0.005704	± 2.5	PASS
		VN	20	2.5	0.002971	± 2.5	PASS
		VN	30	2.34	0.002781	± 2.5	PASS
		VN	40	-0.65	-0.000772	± 2.5	PASS
		VN	50	2.1	0.002496	± 2.5	PASS
16QAM	LCH	VN	-30	4.36	0.005244	± 2.5	PASS
		VN	-20	1.13	0.001359	± 2.5	PASS
		VN	-10	-0.5	-0.000601	± 2.5	PASS
		VN	0	-1.14	-0.001371	± 2.5	PASS
		VN	10	4.38	0.005268	± 2.5	PASS
		VN	20	3.7	0.004450	± 2.5	PASS
		VN	30	1.43	0.001720	± 2.5	PASS
		VN	40	2.59	0.003115	± 2.5	PASS
		VN	50	1.32	0.001587	± 2.5	PASS
	MCH	VN	-30	0.39	0.000466	± 2.5	PASS
		VN	-20	1.72	0.002056	± 2.5	PASS
		VN	-10	2.66	0.003180	± 2.5	PASS
		VN	0	-0.44	-0.000526	± 2.5	PASS
		VN	10	1.57	0.001877	± 2.5	PASS
		VN	20	1.24	0.001482	± 2.5	PASS
		VN	30	1.36	0.001626	± 2.5	PASS
		VN	40	-1.1	-0.001315	± 2.5	PASS
		VN	50	0.47	0.000562	± 2.5	PASS
	HCH	VN	-30	-1.29	-0.001533	± 2.5	PASS
		VN	-20	2.62	0.003113	± 2.5	PASS
		VN	-10	0.56	0.000665	± 2.5	PASS
		VN	0	4.37	0.005193	± 2.5	PASS
		VN	10	1.35	0.001604	± 2.5	PASS
		VN	20	-0.28	-0.000333	± 2.5	PASS
		VN	30	3.19	0.003791	± 2.5	PASS
		VN	40	4.88	0.005799	± 2.5	PASS
		VN	50	-0.79	-0.000939	± 2.5	PASS