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### 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	0.49	0.000265	± 2.5	PASS
		VN	TN	2.84	0.001535	± 2.5	PASS
		VH	TN	1.63	0.000881	± 2.5	PASS
	MCH	VL	TN	-1.46	-0.000776	± 2.5	PASS
		VN	TN	2.76	0.001466	± 2.5	PASS
		VH	TN	-0.27	-0.000143	± 2.5	PASS
	HCH	VL	TN	3.56	0.001860	± 2.5	PASS
		VN	TN	1.4	0.000731	± 2.5	PASS
		VH	TN	3.07	0.001604	± 2.5	PASS
16QAM	LCH	VL	TN	4.33	0.002340	± 2.5	PASS
		VN	TN	2.84	0.001535	± 2.5	PASS
		VH	TN	4.64	0.002507	± 2.5	PASS
	MCH	VL	TN	-0.81	-0.000430	± 2.5	PASS
		VN	TN	3.39	0.001801	± 2.5	PASS
		VH	TN	3.44	0.001827	± 2.5	PASS
	HCH	VL	TN	3.89	0.002037	± 2.5	PASS
		VN	TN	0.42	0.000220	± 2.5	PASS
		VH	TN	1.49	0.000780	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.4	0.000216	± 2.5	PASS
		VN	-20	4.73	0.002556	± 2.5	PASS
		VN	-10	4.5	0.002432	± 2.5	PASS
		VN	0	0.27	0.000146	± 2.5	PASS
		VN	10	3.04	0.001643	± 2.5	PASS
		VN	20	-1.38	-0.000746	± 2.5	PASS
		VN	30	2.62	0.001416	± 2.5	PASS
		VN	40	-0.1	-0.000054	± 2.5	PASS
		VN	50	-0.81	-0.000438	± 2.5	PASS
	MCH	VN	-30	1.75	0.000930	± 2.5	PASS

		VN	-20	-1.96	-0.001041	$\pm 2.5$	PASS
		VN	-10	-1.36	-0.000722	$\pm 2.5$	PASS
		VN	0	3.79	0.002013	$\pm 2.5$	PASS
		VN	10	4.23	0.002247	$\pm 2.5$	PASS
		VN	20	3.23	0.001716	$\pm 2.5$	PASS
		VN	30	0.43	0.000228	$\pm 2.5$	PASS
		VN	40	2.37	0.001259	$\pm 2.5$	PASS
		VN	50	-0.08	-0.000042	$\pm 2.5$	PASS
	HCH	VN	-30	1.82	0.000951	$\pm 2.5$	PASS
		VN	-20	2.74	0.001431	$\pm 2.5$	PASS
		VN	-10	-1.54	-0.000804	$\pm 2.5$	PASS
		VN	0	-0.79	-0.000413	$\pm 2.5$	PASS
		VN	10	3.3	0.001724	$\pm 2.5$	PASS
		VN	20	3.24	0.001693	$\pm 2.5$	PASS
		VN	30	-1.9	-0.000993	$\pm 2.5$	PASS
		VN	40	2.85	0.001489	$\pm 2.5$	PASS
		VN	50	-0.49	-0.000256	$\pm 2.5$	PASS
16QAM	LCH	VN	-30	4.75	0.002567	$\pm 2.5$	PASS
		VN	-20	3.28	0.001772	$\pm 2.5$	PASS
		VN	-10	4.35	0.002350	$\pm 2.5$	PASS
		VN	0	0.96	0.000519	$\pm 2.5$	PASS
		VN	10	1.68	0.000908	$\pm 2.5$	PASS
		VN	20	3.29	0.001778	$\pm 2.5$	PASS
		VN	30	-1.92	-0.001037	$\pm 2.5$	PASS
		VN	40	3.93	0.002124	$\pm 2.5$	PASS
		VN	50	1.21	0.000654	$\pm 2.5$	PASS
	MCH	VN	-30	0.49	0.000260	$\pm 2.5$	PASS
		VN	-20	4.64	0.002465	$\pm 2.5$	PASS
		VN	-10	-1.47	-0.000781	$\pm 2.5$	PASS
		VN	0	3.08	0.001636	$\pm 2.5$	PASS
		VN	10	4.38	0.002327	$\pm 2.5$	PASS
		VN	20	-0.06	-0.000032	$\pm 2.5$	PASS
		VN	30	4.5	0.002390	$\pm 2.5$	PASS
		VN	40	-0.64	-0.000340	$\pm 2.5$	PASS
		VN	50	2.21	0.001174	$\pm 2.5$	PASS
	HCH	VN	-30	1.27	0.000663	$\pm 2.5$	PASS
		VN	-20	2.49	0.001301	$\pm 2.5$	PASS
		VN	-10	3.33	0.001740	$\pm 2.5$	PASS
		VN	0	-1.25	-0.000653	$\pm 2.5$	PASS
		VN	10	-0.57	-0.000298	$\pm 2.5$	PASS
		VN	20	-1.5	-0.000784	$\pm 2.5$	PASS

		VN	30	4.83	0.002523	$\pm 2.5$	PASS
		VN	40	4.11	0.002147	$\pm 2.5$	PASS
		VN	50	4.73	0.002471	$\pm 2.5$	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	1.18	0.000637	$\pm 2.5$	PASS
		VN	TN	1.17	0.000632	$\pm 2.5$	PASS
		VH	TN	4.23	0.002285	$\pm 2.5$	PASS
	MCH	VL	TN	3.28	0.001742	$\pm 2.5$	PASS
		VN	TN	3.7	0.001965	$\pm 2.5$	PASS
		VH	TN	0.5	0.000266	$\pm 2.5$	PASS
	HCH	VL	TN	3.61	0.001887	$\pm 2.5$	PASS
		VN	TN	4.22	0.002205	$\pm 2.5$	PASS
		VH	TN	3.93	0.002054	$\pm 2.5$	PASS
16QAM	LCH	VL	TN	1.09	0.000589	$\pm 2.5$	PASS
		VN	TN	2.58	0.001393	$\pm 2.5$	PASS
		VH	TN	2.94	0.001588	$\pm 2.5$	PASS
	MCH	VL	TN	1.12	0.000595	$\pm 2.5$	PASS
		VN	TN	1.69	0.000898	$\pm 2.5$	PASS
		VH	TN	1.17	0.000622	$\pm 2.5$	PASS
	HCH	VL	TN	3.42	0.001787	$\pm 2.5$	PASS
		VN	TN	0.81	0.000423	$\pm 2.5$	PASS
		VH	TN	4.15	0.002169	$\pm 2.5$	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.43	-0.000772	$\pm 2.5$	PASS
		VN	-20	3.27	0.001766	$\pm 2.5$	PASS
		VN	-10	2.17	0.001172	$\pm 2.5$	PASS
		VN	0	4.38	0.002366	$\pm 2.5$	PASS
		VN	10	-1.47	-0.000794	$\pm 2.5$	PASS
		VN	20	0.26	0.000140	$\pm 2.5$	PASS
		VN	30	0.7	0.000378	$\pm 2.5$	PASS
		VN	40	-0.91	-0.000491	$\pm 2.5$	PASS
		VN	50	-0.31	-0.000167	$\pm 2.5$	PASS
	MCH	VN	-30	2.64	0.001402	$\pm 2.5$	PASS
		VN	-20	0.14	0.000074	$\pm 2.5$	PASS

	HCH	VN	-10	1.65	0.000876	$\pm 2.5$	PASS
		VN	0	-0.86	-0.000457	$\pm 2.5$	PASS
		VN	10	-0.34	-0.000181	$\pm 2.5$	PASS
		VN	20	3.97	0.002109	$\pm 2.5$	PASS
		VN	30	1.14	0.000606	$\pm 2.5$	PASS
		VN	40	3.6	0.001912	$\pm 2.5$	PASS
		VN	50	2.54	0.001349	$\pm 2.5$	PASS
		VN	-30	4.09	0.002137	$\pm 2.5$	PASS
		VN	-20	-1.66	-0.000868	$\pm 2.5$	PASS
		VN	-10	-1.09	-0.000570	$\pm 2.5$	PASS
		VN	0	-1.67	-0.000873	$\pm 2.5$	PASS
		VN	10	0.32	0.000167	$\pm 2.5$	PASS
		VN	20	-1.31	-0.000685	$\pm 2.5$	PASS
		VN	30	2.98	0.001557	$\pm 2.5$	PASS
		VN	40	0.31	0.000162	$\pm 2.5$	PASS
		VN	50	4.85	0.002535	$\pm 2.5$	PASS
16QAM	LCH	VN	-30	2.24	0.001210	$\pm 2.5$	PASS
		VN	-20	1.35	0.000729	$\pm 2.5$	PASS
		VN	-10	3.16	0.001707	$\pm 2.5$	PASS
		VN	0	4.28	0.002312	$\pm 2.5$	PASS
		VN	10	2.76	0.001491	$\pm 2.5$	PASS
		VN	20	4.8	0.002592	$\pm 2.5$	PASS
		VN	30	3.51	0.001896	$\pm 2.5$	PASS
		VN	40	-0.87	-0.000470	$\pm 2.5$	PASS
		VN	50	-0.32	-0.000173	$\pm 2.5$	PASS
	MCH	VN	-30	-0.27	-0.000143	$\pm 2.5$	PASS
		VN	-20	5	0.002656	$\pm 2.5$	PASS
		VN	-10	-0.2	-0.000106	$\pm 2.5$	PASS
		VN	0	4.46	0.002369	$\pm 2.5$	PASS
		VN	10	0.61	0.000324	$\pm 2.5$	PASS
		VN	20	3.96	0.002104	$\pm 2.5$	PASS
		VN	30	4.99	0.002651	$\pm 2.5$	PASS
		VN	40	0.7	0.000372	$\pm 2.5$	PASS
	HCH	VN	50	0.17	0.000090	$\pm 2.5$	PASS

		VN	40	-1.41	-0.000737	$\pm 2.5$	PASS
		VN	50	0.81	0.000423	$\pm 2.5$	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	4.28	0.002310	$\pm 2.5$	PASS
		VN	TN	1.02	0.000551	$\pm 2.5$	PASS
		VH	TN	3.45	0.001862	$\pm 2.5$	PASS
	MCH	VL	TN	0.59	0.000313	$\pm 2.5$	PASS
		VN	TN	-0.86	-0.000457	$\pm 2.5$	PASS
		VH	TN	-0.36	-0.000191	$\pm 2.5$	PASS
	HCH	VL	TN	-1.19	-0.000622	$\pm 2.5$	PASS
		VN	TN	-0.85	-0.000444	$\pm 2.5$	PASS
		VH	TN	4.6	0.002405	$\pm 2.5$	PASS
16QAM	LCH	VL	TN	4.01	0.002165	$\pm 2.5$	PASS
		VN	TN	3.59	0.001938	$\pm 2.5$	PASS
		VH	TN	0.77	0.000416	$\pm 2.5$	PASS
	MCH	VL	TN	4.4	0.002337	$\pm 2.5$	PASS
		VN	TN	2.37	0.001259	$\pm 2.5$	PASS
		VH	TN	0.36	0.000191	$\pm 2.5$	PASS
	HCH	VL	TN	3.25	0.001699	$\pm 2.5$	PASS
		VN	TN	2	0.001046	$\pm 2.5$	PASS
		VH	TN	0.59	0.000308	$\pm 2.5$	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.15	0.000621	$\pm 2.5$	PASS
		VN	-20	0.19	0.000103	$\pm 2.5$	PASS
		VN	-10	0.47	0.000254	$\pm 2.5$	PASS
		VN	0	-1.22	-0.000659	$\pm 2.5$	PASS
		VN	10	1.64	0.000885	$\pm 2.5$	PASS
		VN	20	1	0.000540	$\pm 2.5$	PASS
		VN	30	2.87	0.001549	$\pm 2.5$	PASS
		VN	40	2.09	0.001128	$\pm 2.5$	PASS
		VN	50	4.84	0.002613	$\pm 2.5$	PASS
	MCH	VN	-30	-0.87	-0.000462	$\pm 2.5$	PASS
		VN	-20	2.96	0.001572	$\pm 2.5$	PASS
		VN	-10	0.34	0.000181	$\pm 2.5$	PASS

		VN	0	1.49	0.000792	$\pm 2.5$	PASS
		VN	10	1.49	0.000792	$\pm 2.5$	PASS
		VN	20	0.52	0.000276	$\pm 2.5$	PASS
		VN	30	-1.17	-0.000622	$\pm 2.5$	PASS
		VN	40	4.53	0.002406	$\pm 2.5$	PASS
		VN	50	4.09	0.002173	$\pm 2.5$	PASS
		VN	-30	-0.57	-0.000298	$\pm 2.5$	PASS
		VN	-20	0.18	0.000094	$\pm 2.5$	PASS
		VN	-10	1.44	0.000753	$\pm 2.5$	PASS
		VN	0	2.5	0.001307	$\pm 2.5$	PASS
	HCH	VN	10	1.39	0.000727	$\pm 2.5$	PASS
		VN	20	3.89	0.002034	$\pm 2.5$	PASS
		VN	30	-0.55	-0.000288	$\pm 2.5$	PASS
		VN	40	2.75	0.001438	$\pm 2.5$	PASS
		VN	50	-0.44	-0.000230	$\pm 2.5$	PASS
		VN	-30	3.03	0.001636	$\pm 2.5$	PASS
		VN	-20	-1.87	-0.001009	$\pm 2.5$	PASS
		VN	-10	-1.26	-0.000680	$\pm 2.5$	PASS
		VN	0	3.08	0.001663	$\pm 2.5$	PASS
		VN	10	0.98	0.000529	$\pm 2.5$	PASS
	LCH	VN	20	-1.12	-0.000605	$\pm 2.5$	PASS
		VN	30	2.87	0.001549	$\pm 2.5$	PASS
		VN	40	1.36	0.000734	$\pm 2.5$	PASS
		VN	50	-1.5	-0.000810	$\pm 2.5$	PASS
		VN	-30	1.3	0.000691	$\pm 2.5$	PASS
		VN	-20	3.61	0.001918	$\pm 2.5$	PASS
		VN	-10	1.33	0.000707	$\pm 2.5$	PASS
		VN	0	4.7	0.002497	$\pm 2.5$	PASS
		VN	10	0.71	0.000377	$\pm 2.5$	PASS
		VN	20	3.38	0.001795	$\pm 2.5$	PASS
	MCH	VN	30	0.62	0.000329	$\pm 2.5$	PASS
		VN	40	-0.01	-0.000005	$\pm 2.5$	PASS
		VN	50	-1.27	-0.000675	$\pm 2.5$	PASS
		VN	-30	2.83	0.001480	$\pm 2.5$	PASS
		VN	-20	3.46	0.001809	$\pm 2.5$	PASS
		VN	-10	4.76	0.002489	$\pm 2.5$	PASS
		VN	0	4.55	0.002379	$\pm 2.5$	PASS
		VN	10	1.36	0.000711	$\pm 2.5$	PASS
		VN	20	4.21	0.002201	$\pm 2.5$	PASS
		VN	30	-0.29	-0.000152	$\pm 2.5$	PASS
	HCH	VN	40	3	0.001569	$\pm 2.5$	PASS

		VN	50	-1.14	-0.000596	$\pm 2.5$	PASS
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## 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	4.81	0.002593	$\pm 2.5$	PASS
		VN	TN	2.23	0.001202	$\pm 2.5$	PASS
		VH	TN	2.99	0.001612	$\pm 2.5$	PASS
	MCH	VL	TN	2.49	0.001323	$\pm 2.5$	PASS
		VN	TN	2.91	0.001546	$\pm 2.5$	PASS
		VH	TN	1.13	0.000600	$\pm 2.5$	PASS
	HCH	VL	TN	-0.53	-0.000277	$\pm 2.5$	PASS
		VN	TN	-1.23	-0.000644	$\pm 2.5$	PASS
		VH	TN	4.85	0.002539	$\pm 2.5$	PASS
16QAM	LCH	VL	TN	2.48	0.001337	$\pm 2.5$	PASS
		VN	TN	-0.83	-0.000447	$\pm 2.5$	PASS
		VH	TN	2.1	0.001132	$\pm 2.5$	PASS
	MCH	VL	TN	3.93	0.002088	$\pm 2.5$	PASS
		VN	TN	2.3	0.001222	$\pm 2.5$	PASS
		VH	TN	4.4	0.002337	$\pm 2.5$	PASS
	HCH	VL	TN	0.43	0.000225	$\pm 2.5$	PASS
		VN	TN	-0.51	-0.000267	$\pm 2.5$	PASS
		VH	TN	0.15	0.000079	$\pm 2.5$	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.89	-0.000480	$\pm 2.5$	PASS
		VN	-20	-1.55	-0.000836	$\pm 2.5$	PASS
		VN	-10	-0.55	-0.000296	$\pm 2.5$	PASS
		VN	0	1.64	0.000884	$\pm 2.5$	PASS
		VN	10	2.45	0.001321	$\pm 2.5$	PASS
		VN	20	1.06	0.000571	$\pm 2.5$	PASS
		VN	30	2.51	0.001353	$\pm 2.5$	PASS
		VN	40	4.7	0.002534	$\pm 2.5$	PASS
		VN	50	-0.12	-0.000065	$\pm 2.5$	PASS
	MCH	VN	-30	0.67	0.000356	$\pm 2.5$	PASS
		VN	-20	1.6	0.000850	$\pm 2.5$	PASS
		VN	-10	-1.82	-0.000967	$\pm 2.5$	PASS
		VN	0	4.28	0.002274	$\pm 2.5$	PASS

		VN	10	-1.03	-0.000547	$\pm$ 2.5	PASS
		VN	20	-1.42	-0.000754	$\pm$ 2.5	PASS
		VN	30	-0.77	-0.000409	$\pm$ 2.5	PASS
		VN	40	-1.85	-0.000983	$\pm$ 2.5	PASS
		VN	50	-1.53	-0.000813	$\pm$ 2.5	PASS
		VN	-30	4.66	0.002440	$\pm$ 2.5	PASS
		VN	-20	-0.55	-0.000288	$\pm$ 2.5	PASS
		VN	-10	-0.27	-0.000141	$\pm$ 2.5	PASS
		VN	0	3.84	0.002010	$\pm$ 2.5	PASS
		VN	10	3.17	0.001660	$\pm$ 2.5	PASS
	HCH	VN	20	1.23	0.000644	$\pm$ 2.5	PASS
		VN	30	2	0.001047	$\pm$ 2.5	PASS
		VN	40	-0.85	-0.000445	$\pm$ 2.5	PASS
		VN	50	-0.38	-0.000199	$\pm$ 2.5	PASS
		VN	-30	-0.87	-0.000469	$\pm$ 2.5	PASS
		VN	-20	1.16	0.000625	$\pm$ 2.5	PASS
		VN	-10	2.06	0.001111	$\pm$ 2.5	PASS
		VN	0	1.18	0.000636	$\pm$ 2.5	PASS
		VN	10	0.64	0.000345	$\pm$ 2.5	PASS
		VN	20	4.85	0.002615	$\pm$ 2.5	PASS
	LCH	VN	30	1.23	0.000663	$\pm$ 2.5	PASS
		VN	40	4.23	0.002280	$\pm$ 2.5	PASS
		VN	50	3.03	0.001633	$\pm$ 2.5	PASS
		VN	-30	3.68	0.001955	$\pm$ 2.5	PASS
		VN	-20	2.62	0.001392	$\pm$ 2.5	PASS
		VN	-10	4.43	0.002353	$\pm$ 2.5	PASS
		VN	0	1.79	0.000951	$\pm$ 2.5	PASS
		VN	10	0.8	0.000425	$\pm$ 2.5	PASS
		VN	20	-0.41	-0.000218	$\pm$ 2.5	PASS
		VN	30	1.12	0.000595	$\pm$ 2.5	PASS
	MCH	VN	40	-0.4	-0.000212	$\pm$ 2.5	PASS
		VN	50	-1.51	-0.000802	$\pm$ 2.5	PASS
		VN	-30	0.4	0.000209	$\pm$ 2.5	PASS
		VN	-20	-0.11	-0.000058	$\pm$ 2.5	PASS
		VN	-10	3.84	0.002010	$\pm$ 2.5	PASS
		VN	0	-0.58	-0.000304	$\pm$ 2.5	PASS
		VN	10	3.8	0.001990	$\pm$ 2.5	PASS
		VN	20	2.55	0.001335	$\pm$ 2.5	PASS
		VN	30	-1.9	-0.000995	$\pm$ 2.5	PASS
		VN	40	2.06	0.001079	$\pm$ 2.5	PASS
	HCH	VN	50	2.9	0.001518	$\pm$ 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	1.5	0.000808	± 2.5	PASS
		VN	TN	-0.51	-0.000275	± 2.5	PASS
		VH	TN	-0.69	-0.000371	± 2.5	PASS
	MCH	VL	TN	-1.36	-0.000722	± 2.5	PASS
		VN	TN	3.61	0.001918	± 2.5	PASS
		VH	TN	4.51	0.002396	± 2.5	PASS
	HCH	VL	TN	2.87	0.001505	± 2.5	PASS
		VN	TN	4.47	0.002343	± 2.5	PASS
		VH	TN	0.02	0.000010	± 2.5	PASS
16QAM	LCH	VL	TN	1.31	0.000705	± 2.5	PASS
		VN	TN	-0.86	-0.000463	± 2.5	PASS
		VH	TN	2.46	0.001324	± 2.5	PASS
	MCH	VL	TN	2.91	0.001546	± 2.5	PASS
		VN	TN	-0.63	-0.000335	± 2.5	PASS
		VH	TN	1.36	0.000722	± 2.5	PASS
	HCH	VL	TN	-1.12	-0.000587	± 2.5	PASS
		VN	TN	-0.29	-0.000152	± 2.5	PASS
		VH	TN	1.99	0.001043	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.77	0.002568	± 2.5	PASS
		VN	-20	3.4	0.001830	± 2.5	PASS
		VN	-10	2.31	0.001244	± 2.5	PASS
		VN	0	-0.08	-0.000043	± 2.5	PASS
		VN	10	1.26	0.000678	± 2.5	PASS
		VN	20	2.79	0.001502	± 2.5	PASS
		VN	30	0.7	0.000377	± 2.5	PASS
		VN	40	4.68	0.002520	± 2.5	PASS
		VN	50	-1.36	-0.000732	± 2.5	PASS
	MCH	VN	-30	2.87	0.001525	± 2.5	PASS
		VN	-20	-0.44	-0.000234	± 2.5	PASS
		VN	-10	0.75	0.000398	± 2.5	PASS
		VN	0	0.37	0.000197	± 2.5	PASS
		VN	10	2.93	0.001556	± 2.5	PASS
		VN	20	1.55	0.000823	± 2.5	PASS

	HCH	VN	30	0.28	0.000149	$\pm 2.5$	PASS
		VN	40	1.15	0.000611	$\pm 2.5$	PASS
		VN	50	1.85	0.000983	$\pm 2.5$	PASS
		VN	-30	4.81	0.002522	$\pm 2.5$	PASS
		VN	-20	2.34	0.001227	$\pm 2.5$	PASS
		VN	-10	3.07	0.001609	$\pm 2.5$	PASS
		VN	0	1.52	0.000797	$\pm 2.5$	PASS
		VN	10	1.92	0.001007	$\pm 2.5$	PASS
		VN	20	3.73	0.001955	$\pm 2.5$	PASS
		VN	30	-0.38	-0.000199	$\pm 2.5$	PASS
16QAM	LCH	VN	40	-1.76	-0.000923	$\pm 2.5$	PASS
		VN	50	0.1	0.000052	$\pm 2.5$	PASS
		VN	-30	0.01	0.000005	$\pm 2.5$	PASS
		VN	-20	-0.94	-0.000506	$\pm 2.5$	PASS
		VN	-10	-1.48	-0.000797	$\pm 2.5$	PASS
		VN	0	-0.34	-0.000183	$\pm 2.5$	PASS
		VN	10	1.11	0.000598	$\pm 2.5$	PASS
		VN	20	1.61	0.000867	$\pm 2.5$	PASS
		VN	30	1.52	0.000818	$\pm 2.5$	PASS
	MCH	VN	40	2.1	0.001131	$\pm 2.5$	PASS
		VN	50	4.48	0.002412	$\pm 2.5$	PASS
		VN	-30	2.1	0.001116	$\pm 2.5$	PASS
		VN	-20	4.13	0.002194	$\pm 2.5$	PASS
		VN	-10	-0.13	-0.000069	$\pm 2.5$	PASS
		VN	0	4.98	0.002645	$\pm 2.5$	PASS
		VN	10	4.59	0.002438	$\pm 2.5$	PASS
		VN	20	2.83	0.001503	$\pm 2.5$	PASS
		VN	30	0.23	0.000122	$\pm 2.5$	PASS
	HCH	VN	40	1.33	0.000707	$\pm 2.5$	PASS
		VN	50	0.64	0.000340	$\pm 2.5$	PASS
		VN	-30	2.1	0.001101	$\pm 2.5$	PASS
		VN	-20	-1.25	-0.000655	$\pm 2.5$	PASS
		VN	-10	4.29	0.002249	$\pm 2.5$	PASS
		VN	0	4.34	0.002275	$\pm 2.5$	PASS
		VN	10	3.43	0.001798	$\pm 2.5$	PASS
		VN	20	-0.66	-0.000346	$\pm 2.5$	PASS
		VN	30	4.46	0.002338	$\pm 2.5$	PASS
		VN	40	-1.89	-0.000991	$\pm 2.5$	PASS
		VN	50	1.61	0.000844	$\pm 2.5$	PASS

## Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-0.63	-0.000339	± 2.5	PASS
		VN	TN	1.58	0.000849	± 2.5	PASS
		VH	TN	2.43	0.001306	± 2.5	PASS
	MCH	VL	TN	3.06	0.001625	± 2.5	PASS
		VN	TN	2.89	0.001535	± 2.5	PASS
		VH	TN	-0.18	-0.000096	± 2.5	PASS
	HCH	VL	TN	4.91	0.002577	± 2.5	PASS
		VN	TN	-1.26	-0.000661	± 2.5	PASS
		VH	TN	1.07	0.000562	± 2.5	PASS
16QAM	LCH	VL	TN	-0.61	-0.000328	± 2.5	PASS
		VN	TN	-0.18	-0.000097	± 2.5	PASS
		VH	TN	0.03	0.000016	± 2.5	PASS
	MCH	VL	TN	2.43	0.001291	± 2.5	PASS
		VN	TN	-0.3	-0.000159	± 2.5	PASS
		VH	TN	0.63	0.000335	± 2.5	PASS
	HCH	VL	TN	0.59	0.000310	± 2.5	PASS
		VN	TN	2.13	0.001118	± 2.5	PASS
		VH	TN	-0.2	-0.000105	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.57	0.002457	± 2.5	PASS
		VN	-20	-0.62	-0.000333	± 2.5	PASS
		VN	-10	1.52	0.000817	± 2.5	PASS
		VN	0	4.72	0.002538	± 2.5	PASS
		VN	10	3.26	0.001753	± 2.5	PASS
		VN	20	-1.88	-0.001011	± 2.5	PASS
		VN	30	4.13	0.002220	± 2.5	PASS
		VN	40	4.15	0.002231	± 2.5	PASS
		VN	50	3.42	0.001839	± 2.5	PASS
	MCH	VN	-30	4	0.002128	± 2.5	PASS
		VN	-20	1.16	0.000617	± 2.5	PASS
		VN	-10	1.35	0.000718	± 2.5	PASS
		VN	0	-1.79	-0.000952	± 2.5	PASS
		VN	10	0.21	0.000112	± 2.5	PASS
		VN	20	1.79	0.000952	± 2.5	PASS

		VN	30	-1.08	-0.000574	$\pm 2.5$	PASS
		VN	40	0.74	0.000394	$\pm 2.5$	PASS
		VN	50	4.36	0.002319	$\pm 2.5$	PASS
	HCH	VN	-30	2.28	0.001197	$\pm 2.5$	PASS
		VN	-20	2.02	0.001060	$\pm 2.5$	PASS
		VN	-10	2.72	0.001428	$\pm 2.5$	PASS
		VN	0	3.13	0.001643	$\pm 2.5$	PASS
		VN	10	0.32	0.000168	$\pm 2.5$	PASS
		VN	20	-0.66	-0.000346	$\pm 2.5$	PASS
		VN	30	3.99	0.002094	$\pm 2.5$	PASS
16QAM	LCH	VN	40	3.63	0.001906	$\pm 2.5$	PASS
		VN	50	0.88	0.000462	$\pm 2.5$	PASS
	MCH	VN	-30	4.9	0.002634	$\pm 2.5$	PASS
		VN	-20	2.6	0.001398	$\pm 2.5$	PASS
		VN	-10	1.24	0.000667	$\pm 2.5$	PASS
		VN	0	0.88	0.000473	$\pm 2.5$	PASS
		VN	10	2.33	0.001253	$\pm 2.5$	PASS
		VN	20	-1.92	-0.001032	$\pm 2.5$	PASS
		VN	30	4.36	0.002344	$\pm 2.5$	PASS
		VN	40	3.08	0.001656	$\pm 2.5$	PASS
		VN	50	0.38	0.000204	$\pm 2.5$	PASS
	HCH	VN	-30	2.14	0.001137	$\pm 2.5$	PASS
		VN	-20	-0.28	-0.000149	$\pm 2.5$	PASS
		VN	-10	3.93	0.002088	$\pm 2.5$	PASS
		VN	0	0.36	0.000191	$\pm 2.5$	PASS
		VN	10	-0.34	-0.000181	$\pm 2.5$	PASS
		VN	20	4.79	0.002544	$\pm 2.5$	PASS
		VN	30	-0.46	-0.000244	$\pm 2.5$	PASS
		VN	40	2.21	0.001174	$\pm 2.5$	PASS
		VN	50	-1.54	-0.000818	$\pm 2.5$	PASS