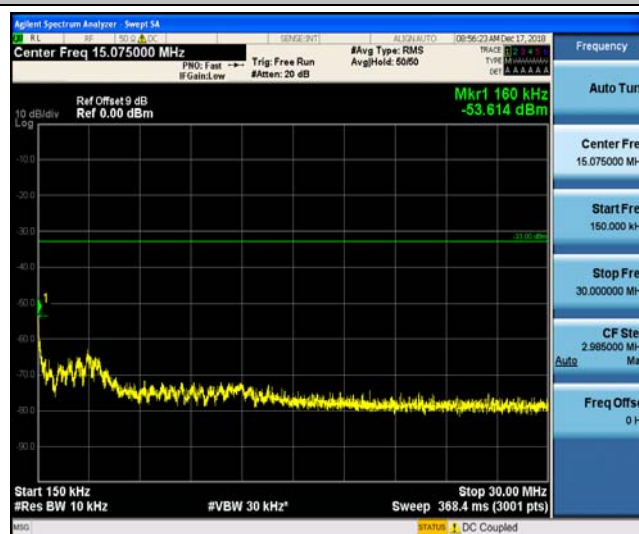




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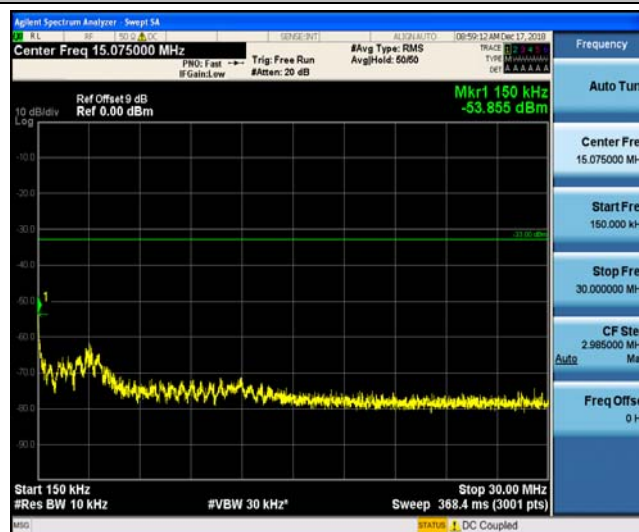
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Band4_5MHz_QPSK_19975_1RB#0



Band4_5MHz_QPSK_19975_1RB#0



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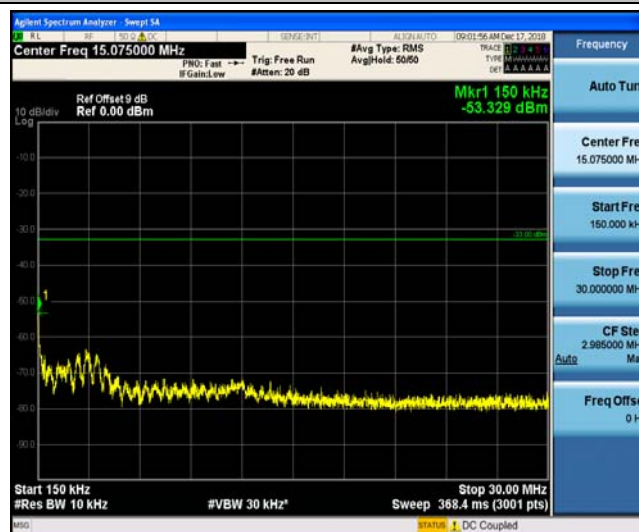
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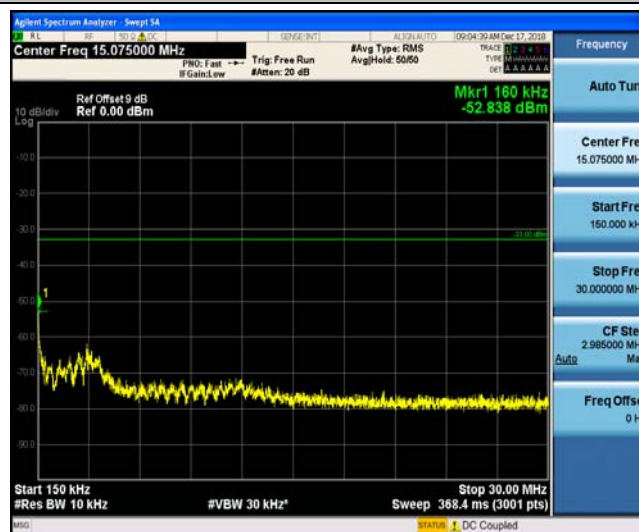
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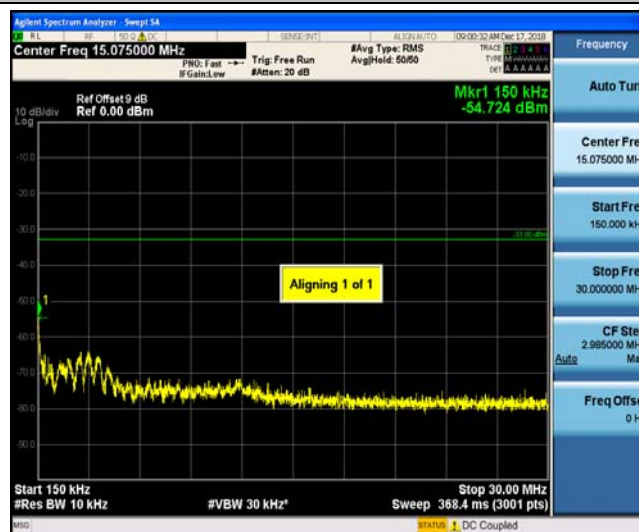
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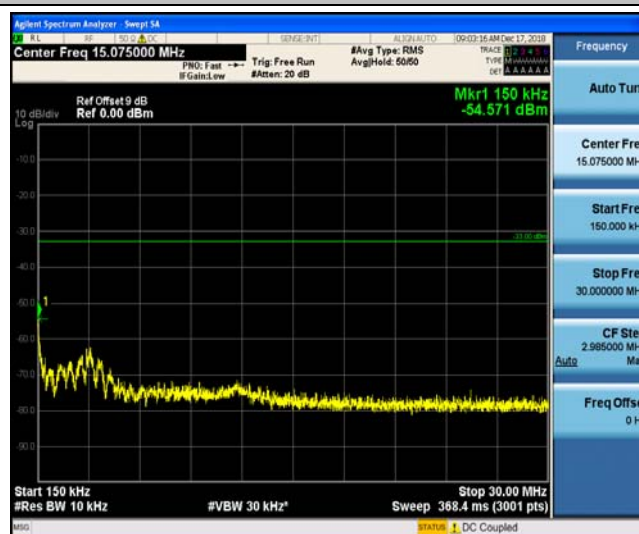
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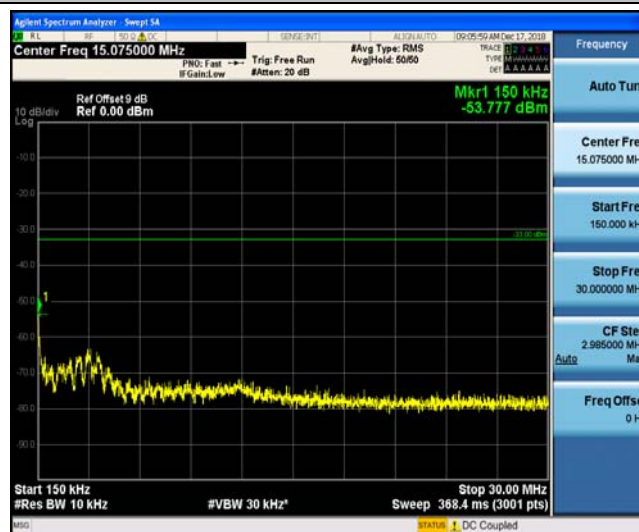
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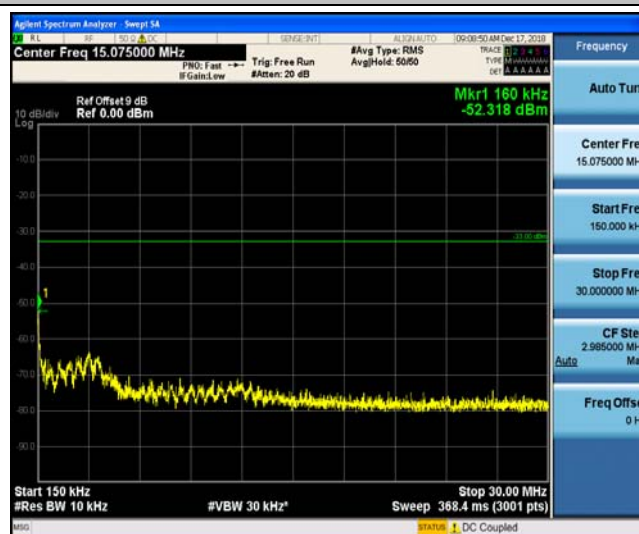
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Band4_10MHz_QPSK_20000_1RB#0



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Band4_10MHz_QPSK_20000_1RB#0



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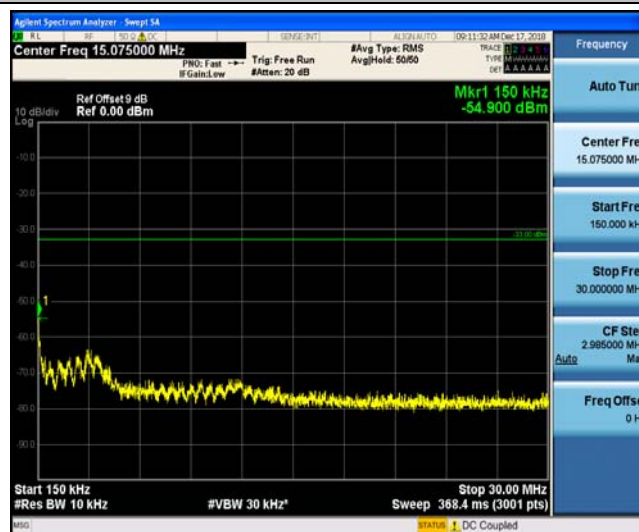
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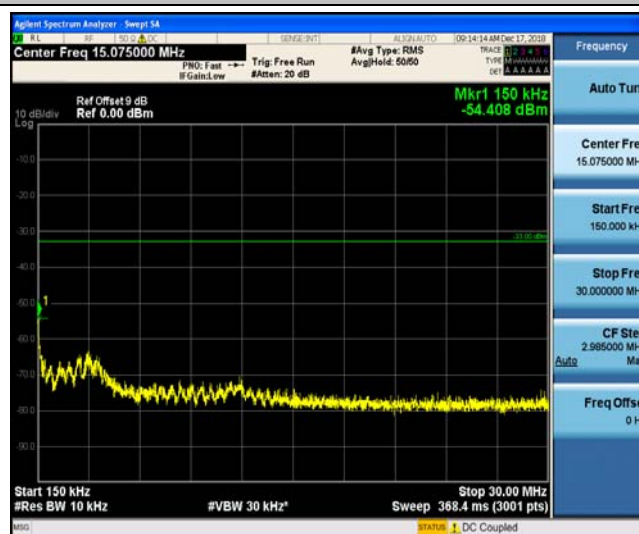
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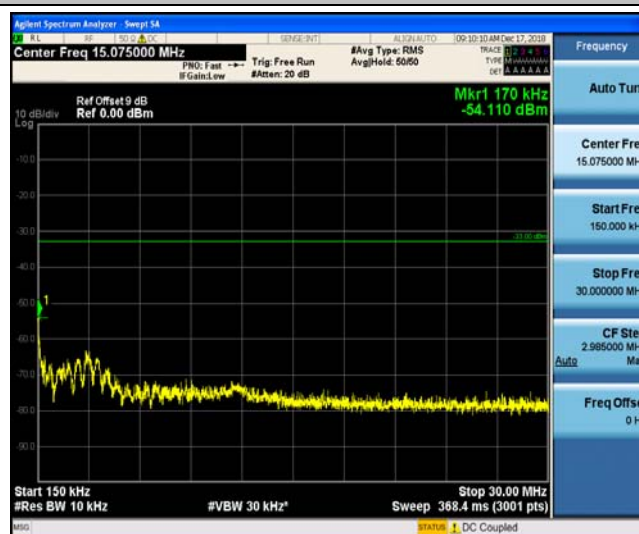
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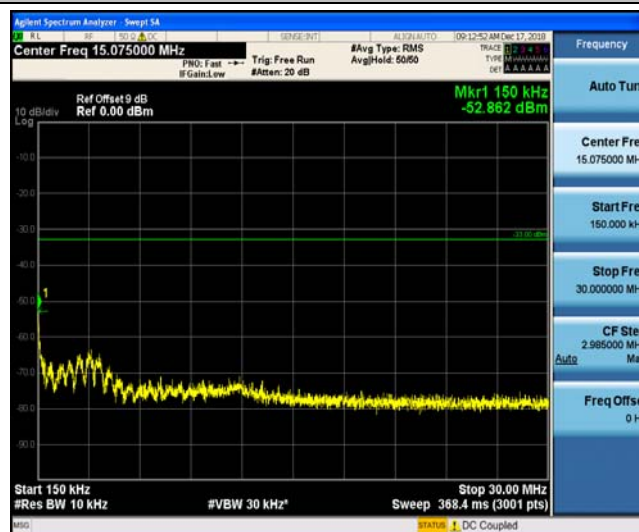
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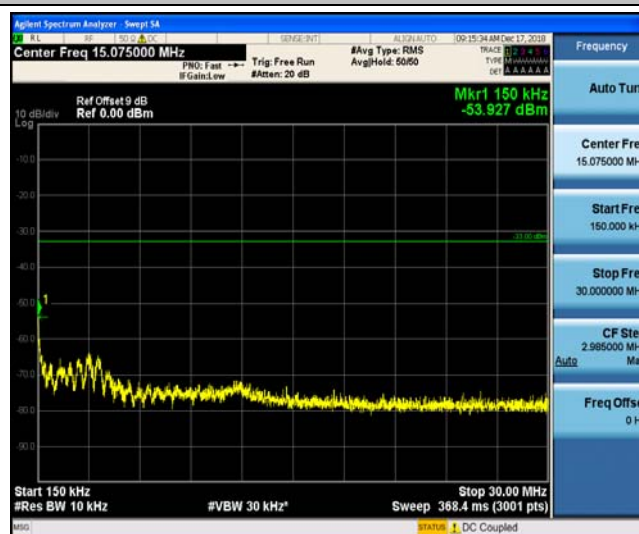
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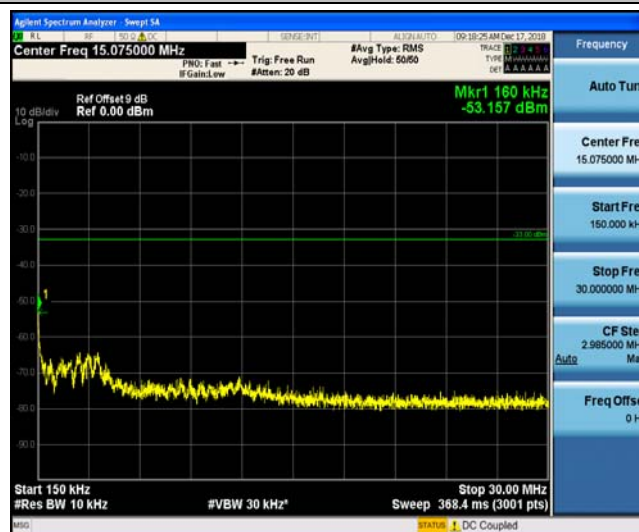
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Band4_15MHz_QPSK_20025_1RB#0



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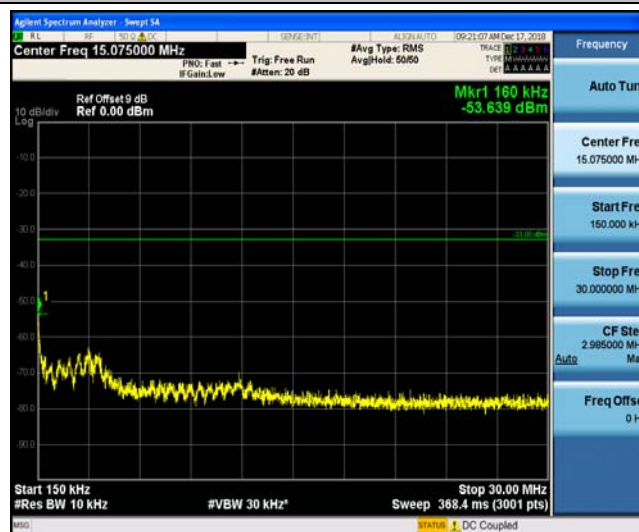
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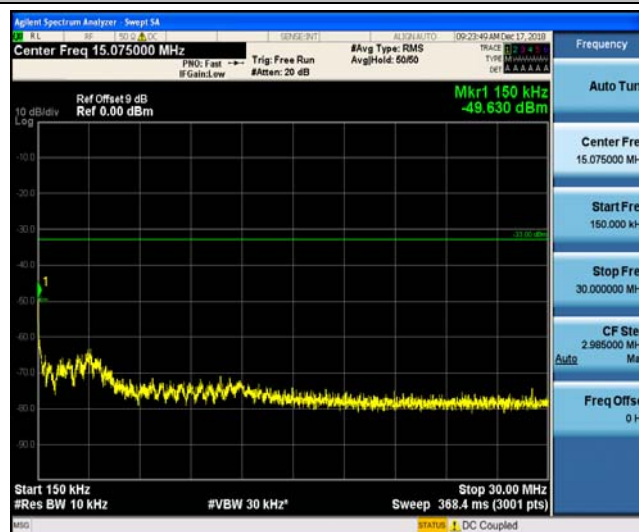
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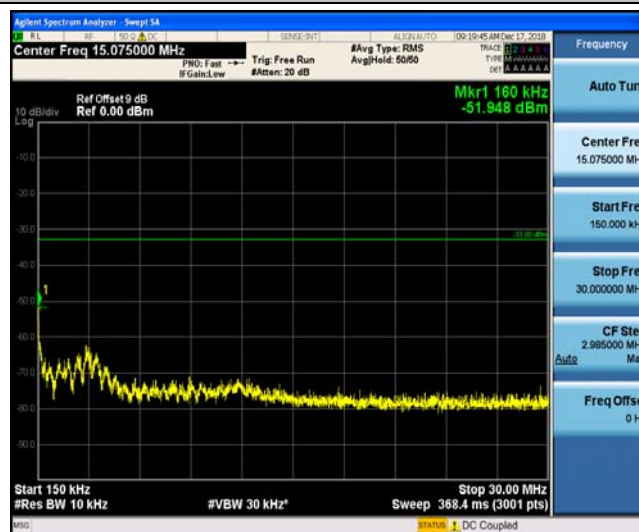
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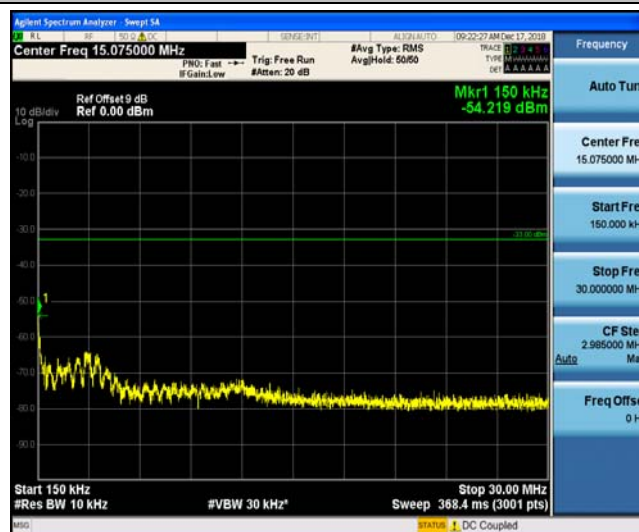
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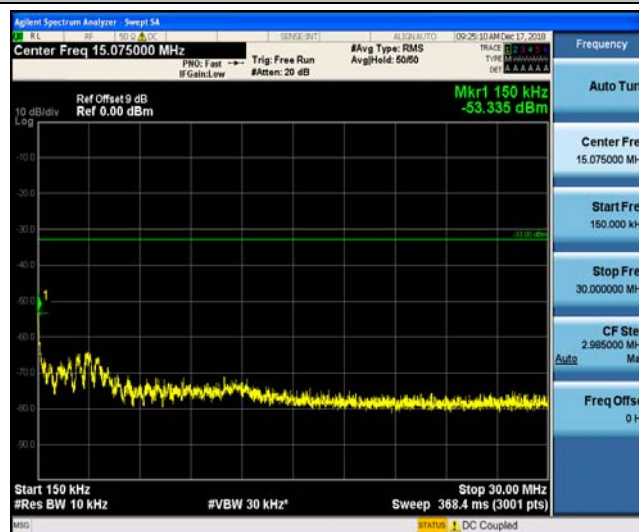
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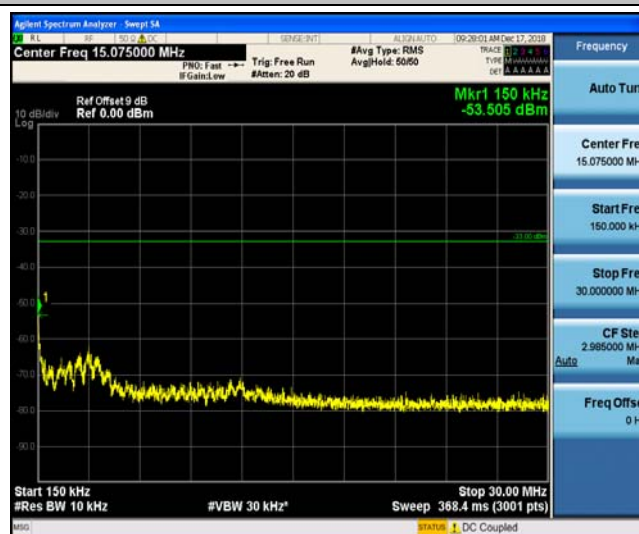
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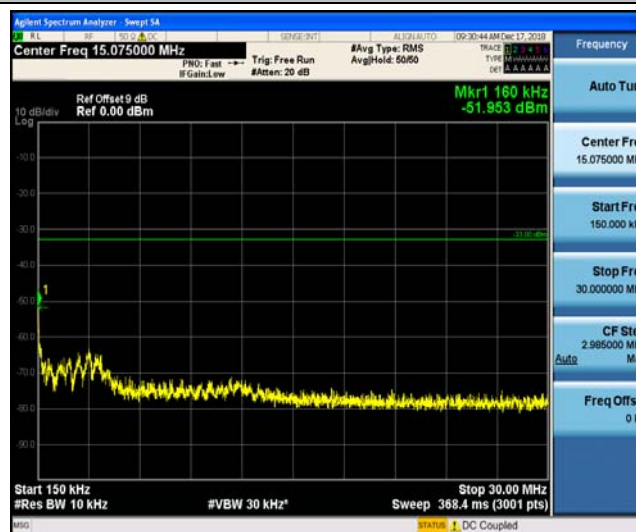
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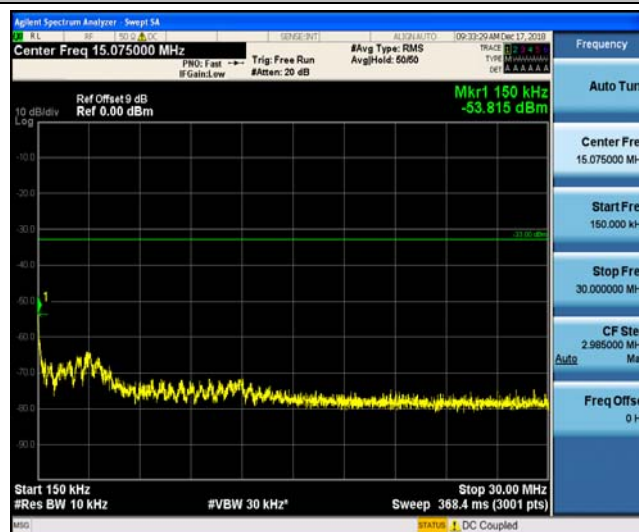
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Band4_20MHz_QPSK_20300_1RB#0



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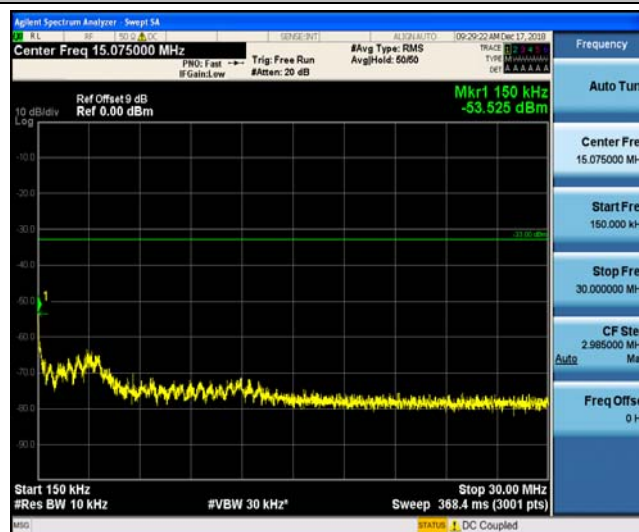
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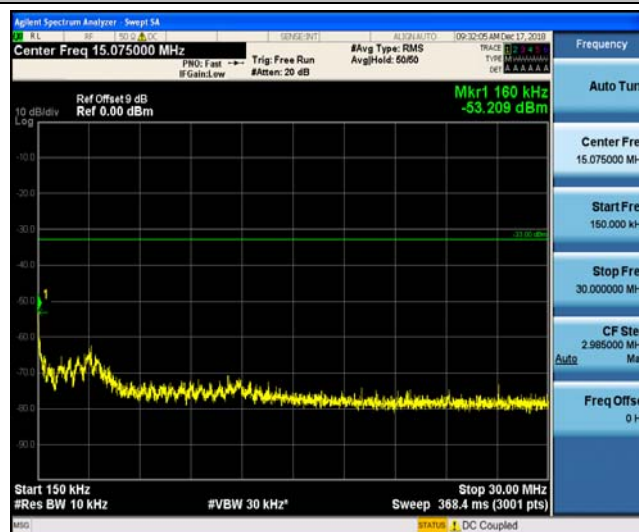
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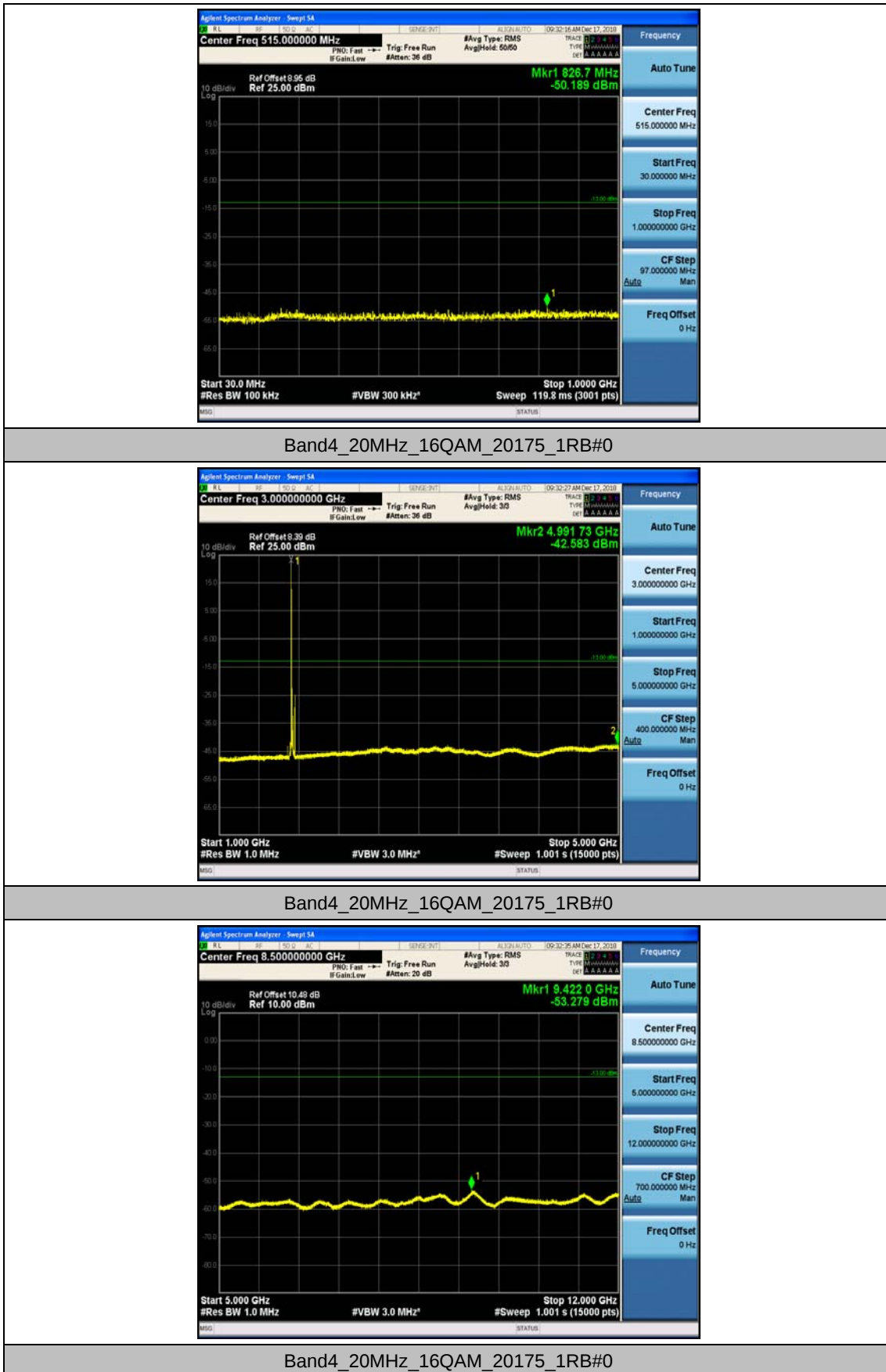
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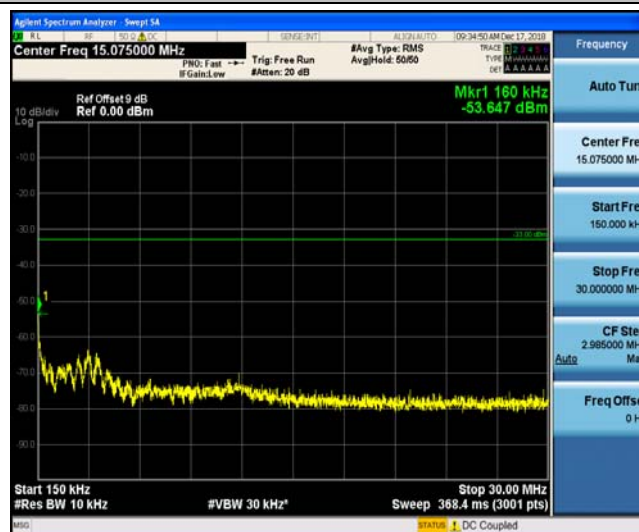




Band4_20MHz_16QAM_20300_1RB#0



Band4_20MHz_16QAM_20300_1RB#0



Band4_20MHz_16QAM_20300_1RB#0



Band4_20MHz_16QAM_20300_1RB#0



Band4_20MHz_16QAM_20300_1RB#0



Band4_20MHz_16QAM_20300_1RB#0



Appendix F: Frequency Stability

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	3.79	0.002215	± 2.5	PASS
		VN	TN	4.84	0.002829	± 2.5	PASS
		VH	TN	4.76	0.002782	± 2.5	PASS
	MCH	VL	TN	2.52	0.001455	± 2.5	PASS
		VN	TN	3.79	0.002188	± 2.5	PASS
		VH	TN	4.34	0.002505	± 2.5	PASS
	HCH	VL	TN	2.48	0.001414	± 2.5	PASS
		VN	TN	2.51	0.001431	± 2.5	PASS
		VH	TN	1	0.000570	± 2.5	PASS
16QAM	LCH	VL	TN	0.87	0.000509	± 2.5	PASS
		VN	TN	3.69	0.002157	± 2.5	PASS
		VH	TN	-1.03	-0.000602	± 2.5	PASS
	MCH	VL	TN	2.35	0.001356	± 2.5	PASS
		VN	TN	-0.09	-0.000052	± 2.5	PASS
		VH	TN	0.89	0.000514	± 2.5	PASS
	HCH	VL	TN	4.55	0.002594	± 2.5	PASS
		VN	TN	-0.38	-0.000217	± 2.5	PASS
		VH	TN	1.02	0.000581	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.11	0.000649	± 2.5	PASS
		VN	-20	1.11	0.000649	± 2.5	PASS
		VN	-10	4.1	0.002397	± 2.5	PASS
		VN	0	-1.63	-0.000953	± 2.5	PASS
		VN	10	0.63	0.000368	± 2.5	PASS
		VN	20	3.98	0.002327	± 2.5	PASS
		VN	30	0.78	0.000456	± 2.5	PASS
		VN	40	2.51	0.001467	± 2.5	PASS
		VN	50	0.78	0.000456	± 2.5	PASS
	MCH	VN	-30	-0.19	-0.000110	± 2.5	PASS

		VN	-20	3.87	0.002234	± 2.5	PASS
		VN	-10	-0.81	-0.000468	± 2.5	PASS
		VN	0	-0.33	-0.000190	± 2.5	PASS
		VN	10	3.34	0.001928	± 2.5	PASS
		VN	20	-0.55	-0.000317	± 2.5	PASS
		VN	30	0.71	0.000410	± 2.5	PASS
		VN	40	2.67	0.001541	± 2.5	PASS
		VN	50	1.04	0.000600	± 2.5	PASS
	HCH	VN	-30	2.13	0.001214	± 2.5	PASS
		VN	-20	0.01	0.000006	± 2.5	PASS
		VN	-10	-1.47	-0.000838	± 2.5	PASS
		VN	0	1.51	0.000861	± 2.5	PASS
		VN	10	2.3	0.001311	± 2.5	PASS
		VN	20	-1.27	-0.000724	± 2.5	PASS
		VN	30	0.77	0.000439	± 2.5	PASS
		VN	40	-1.9	-0.001083	± 2.5	PASS
16QAM	LCH	VN	50	4.57	0.002605	± 2.5	PASS
		VN	-30	-0.91	-0.000532	± 2.5	PASS
		VN	-20	-1.95	-0.001140	± 2.5	PASS
		VN	-10	2.96	0.001730	± 2.5	PASS
		VN	0	2.82	0.001648	± 2.5	PASS
		VN	10	1.97	0.001152	± 2.5	PASS
		VN	20	1.97	0.001152	± 2.5	PASS
		VN	30	0.11	0.000064	± 2.5	PASS
		VN	40	0.4	0.000234	± 2.5	PASS
	MCH	VN	50	-1.22	-0.000713	± 2.5	PASS
		VN	-30	2.06	0.001174	± 2.5	PASS
		VN	-20	4.23	0.002411	± 2.5	PASS
		VN	-10	3.09	0.001761	± 2.5	PASS
		VN	0	4.71	0.002685	± 2.5	PASS
		VN	10	3.56	0.002029	± 2.5	PASS
		VN	20	1.1	0.000627	± 2.5	PASS
		VN	30	-1.68	-0.000958	± 2.5	PASS
		VN	40	-1.85	-0.001055	± 2.5	PASS
	HCH	VN	50	0	0.000000	± 2.5	PASS
		VN	-30	-1.57	-0.000895	± 2.5	PASS
		VN	-20	3.34	0.001904	± 2.5	PASS
		VN	-10	-0.28	-0.000160	± 2.5	PASS
		VN	0	0.02	0.000011	± 2.5	PASS
		VN	10	2.45	0.001397	± 2.5	PASS
		VN	20	-1.02	-0.000581	± 2.5	PASS

		VN	30	-1.42	-0.000809	± 2.5	PASS
		VN	40	3.34	0.001904	± 2.5	PASS
		VN	50	-1.89	-0.001077	± 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	1.17	0.000684	± 2.5	PASS
		VN	TN	-0.87	-0.000508	± 2.5	PASS
		VH	TN	0.24	0.000140	± 2.5	PASS
	MCH	VL	TN	0.8	0.000462	± 2.5	PASS
		VN	TN	-0.22	-0.000127	± 2.5	PASS
		VH	TN	-0.07	-0.000040	± 2.5	PASS
	HCH	VL	TN	-1.82	-0.001038	± 2.5	PASS
		VN	TN	4.96	0.002829	± 2.5	PASS
		VH	TN	4.13	0.002355	± 2.5	PASS
16QAM	LCH	VL	TN	1.77	0.001034	± 2.5	PASS
		VN	TN	2.17	0.001268	± 2.5	PASS
		VH	TN	4.79	0.002799	± 2.5	PASS
	MCH	VL	TN	-1.88	-0.001085	± 2.5	PASS
		VN	TN	-1.16	-0.000670	± 2.5	PASS
		VH	TN	2.41	0.001391	± 2.5	PASS
	HCH	VL	TN	-0.71	-0.000405	± 2.5	PASS
		VN	TN	-1.19	-0.000679	± 2.5	PASS
		VH	TN	0.69	0.000393	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.75	0.000438	± 2.5	PASS
		VN	-20	3.1	0.001811	± 2.5	PASS
		VN	-10	1.29	0.000754	± 2.5	PASS
		VN	0	-1.43	-0.000836	± 2.5	PASS
		VN	10	0.96	0.000561	± 2.5	PASS
		VN	20	-1.16	-0.000678	± 2.5	PASS
		VN	30	-1.74	-0.001017	± 2.5	PASS
		VN	40	0.12	0.000070	± 2.5	PASS
		VN	50	2.86	0.001671	± 2.5	PASS
	MCH	VN	-30	-0.8	-0.000462	± 2.5	PASS
		VN	-20	2.95	0.001703	± 2.5	PASS

		VN	-10	-0.84	-0.000485	± 2.5	PASS
		VN	0	1.78	0.001027	± 2.5	PASS
		VN	10	3.52	0.002032	± 2.5	PASS
		VN	20	3.23	0.001864	± 2.5	PASS
		VN	30	-1.05	-0.000606	± 2.5	PASS
		VN	40	2.51	0.001449	± 2.5	PASS
		VN	50	4.27	0.002465	± 2.5	PASS
	HCH	VN	-30	4.3	0.002452	± 2.5	PASS
		VN	-20	3.45	0.001967	± 2.5	PASS
		VN	-10	3.71	0.002116	± 2.5	PASS
		VN	0	0.48	0.000274	± 2.5	PASS
		VN	10	2.6	0.001483	± 2.5	PASS
		VN	20	-1.67	-0.000952	± 2.5	PASS
		VN	30	-0.9	-0.000513	± 2.5	PASS
		VN	40	4.13	0.002355	± 2.5	PASS
		VN	50	4.27	0.002435	± 2.5	PASS
16QAM	LCH	VN	-30	4.37	0.002522	± 2.5	PASS
		VN	-20	4.1	0.002367	± 2.5	PASS
		VN	-10	1.92	0.001108	± 2.5	PASS
		VN	0	0.55	0.000317	± 2.5	PASS
		VN	10	2.16	0.001247	± 2.5	PASS
		VN	20	3.62	0.002089	± 2.5	PASS
		VN	30	3.34	0.001928	± 2.5	PASS
		VN	40	-0.96	-0.000554	± 2.5	PASS
		VN	50	2.24	0.001293	± 2.5	PASS
	MCH	VN	-30	1.14	0.000650	± 2.5	PASS
		VN	-20	-1.46	-0.000833	± 2.5	PASS
		VN	-10	4.37	0.002492	± 2.5	PASS
		VN	0	0.35	0.000200	± 2.5	PASS
		VN	10	-0.79	-0.000451	± 2.5	PASS
		VN	20	4.58	0.002612	± 2.5	PASS
		VN	30	-1.07	-0.000610	± 2.5	PASS
		VN	40	-1.44	-0.000821	± 2.5	PASS
		VN	50	2.11	0.001203	± 2.5	PASS
	HCH	VN	-30	-1.83	-0.001044	± 2.5	PASS
		VN	-20	2.26	0.001289	± 2.5	PASS
		VN	-10	0.51	0.000291	± 2.5	PASS
		VN	0	-0.97	-0.000553	± 2.5	PASS
		VN	10	3.92	0.002236	± 2.5	PASS
		VN	20	-1.6	-0.000912	± 2.5	PASS
		VN	30	3.62	0.002064	± 2.5	PASS

		VN	40	-1.02	-0.000582	± 2.5	PASS
		VN	50	3.77	0.002150	± 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	2.09	0.001220	± 2.5	PASS
		VN	TN	-0.47	-0.000274	± 2.5	PASS
		VH	TN	2.58	0.001507	± 2.5	PASS
	MCH	VL	TN	1.67	0.000964	± 2.5	PASS
		VN	TN	3.04	0.001755	± 2.5	PASS
		VH	TN	-0.57	-0.000329	± 2.5	PASS
	HCH	VL	TN	1.6	0.000913	± 2.5	PASS
		VN	TN	1.76	0.001004	± 2.5	PASS
		VH	TN	4.73	0.002699	± 2.5	PASS
16QAM	LCH	VL	TN	-1.14	-0.000666	± 2.5	PASS
		VN	TN	3.5	0.002044	± 2.5	PASS
		VH	TN	1.29	0.000753	± 2.5	PASS
	MCH	VL	TN	-0.48	-0.000277	± 2.5	PASS
		VN	TN	1.06	0.000612	± 2.5	PASS
		VH	TN	1.41	0.000814	± 2.5	PASS
	HCH	VL	TN	3.25	0.001854	± 2.5	PASS
		VN	TN	-0.83	-0.000474	± 2.5	PASS
		VH	TN	4.22	0.002408	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.92	-0.000537	± 2.5	PASS
		VN	-20	0.71	0.000415	± 2.5	PASS
		VN	-10	2.33	0.001361	± 2.5	PASS
		VN	0	-0.8	-0.000467	± 2.5	PASS
		VN	10	0.06	0.000035	± 2.5	PASS
		VN	20	4.26	0.002488	± 2.5	PASS
		VN	30	4.6	0.002686	± 2.5	PASS
		VN	40	4.8	0.002803	± 2.5	PASS
		VN	50	0.01	0.000006	± 2.5	PASS
	MCH	VN	-30	-0.81	-0.000468	± 2.5	PASS
		VN	-20	0.29	0.000167	± 2.5	PASS
		VN	-10	0.91	0.000525	± 2.5	PASS

		VN	0	4	0.002309	± 2.5	PASS
		VN	10	4.71	0.002719	± 2.5	PASS
		VN	20	-0.72	-0.000416	± 2.5	PASS
		VN	30	4.82	0.002782	± 2.5	PASS
		VN	40	1.75	0.001010	± 2.5	PASS
		VN	50	4.69	0.002707	± 2.5	PASS
	HCH	VN	-30	0.7	0.000399	± 2.5	PASS
		VN	-20	2.89	0.001515	± 2.5	PASS
		VN	-10	4.81	0.002522	± 2.5	PASS
		VN	0	-1.42	-0.000744	± 2.5	PASS
		VN	10	4.99	0.002616	± 2.5	PASS
		VN	20	-0.8	-0.000419	± 2.5	PASS
		VN	30	-1.27	-0.000666	± 2.5	PASS
		VN	40	-0.93	-0.000488	± 2.5	PASS
		VN	50	-1.22	-0.000640	± 2.5	PASS
16QAM	LCH	VN	-30	0.35	0.000202	± 2.5	PASS
		VN	-20	3.57	0.002061	± 2.5	PASS
		VN	-10	-0.31	-0.000179	± 2.5	PASS
		VN	0	-0.75	-0.000433	± 2.5	PASS
		VN	10	4.91	0.002834	± 2.5	PASS
		VN	20	0.45	0.000260	± 2.5	PASS
		VN	30	-1.94	-0.001120	± 2.5	PASS
		VN	40	-0.32	-0.000185	± 2.5	PASS
		VN	50	2.29	0.001322	± 2.5	PASS
	MCH	VN	-30	-0.28	-0.000160	± 2.5	PASS
		VN	-20	3.32	0.001894	± 2.5	PASS
		VN	-10	2.62	0.001495	± 2.5	PASS
		VN	0	0.39	0.000223	± 2.5	PASS
		VN	10	2.14	0.001221	± 2.5	PASS
		VN	20	4.12	0.002351	± 2.5	PASS
		VN	30	0.31	0.000177	± 2.5	PASS
		VN	40	-0.4	-0.000228	± 2.5	PASS
		VN	50	3.1	0.001769	± 2.5	PASS
	HCH	VN	-30	3.57	0.001872	± 2.5	PASS
		VN	-20	-0.37	-0.000194	± 2.5	PASS
		VN	-10	-0.85	-0.000446	± 2.5	PASS
		VN	0	-1.59	-0.000834	± 2.5	PASS
		VN	10	2.93	0.001536	± 2.5	PASS
		VN	20	2.82	0.001478	± 2.5	PASS
		VN	30	3.94	0.002066	± 2.5	PASS
		VN	40	4.26	0.002233	± 2.5	PASS

		VN	50	-0.81	-0.000425	± 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	3.19	0.001860	± 2.5	PASS
		VN	TN	4.88	0.002845	± 2.5	PASS
		VH	TN	4.04	0.002356	± 2.5	PASS
	MCH	VL	TN	-1.56	-0.000900	± 2.5	PASS
		VN	TN	4.42	0.002551	± 2.5	PASS
		VH	TN	1.34	0.000773	± 2.5	PASS
	HCH	VL	TN	-1.74	-0.000994	± 2.5	PASS
		VN	TN	3.6	0.002057	± 2.5	PASS
		VH	TN	2.81	0.001606	± 2.5	PASS
16QAM	LCH	VL	TN	-1.66	-0.000968	± 2.5	PASS
		VN	TN	0.72	0.000420	± 2.5	PASS
		VH	TN	4.37	0.002548	± 2.5	PASS
	MCH	VL	TN	3.23	0.001864	± 2.5	PASS
		VN	TN	1.02	0.000589	± 2.5	PASS
		VH	TN	-1.1	-0.000635	± 2.5	PASS
	HCH	VL	TN	0.9	0.000514	± 2.5	PASS
		VN	TN	-1.08	-0.000617	± 2.5	PASS
		VH	TN	-1.39	-0.000794	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	4.29	0.002501	± 2.5	PASS
		VN	-20	-1.25	-0.000729	± 2.5	PASS
		VN	-10	-1.42	-0.000828	± 2.5	PASS
		VN	0	-0.33	-0.000192	± 2.5	PASS
		VN	10	1.05	0.000612	± 2.5	PASS
		VN	20	1.96	0.001143	± 2.5	PASS
		VN	30	1.43	0.000834	± 2.5	PASS
		VN	40	-0.93	-0.000542	± 2.5	PASS
		VN	50	0.8	0.000466	± 2.5	PASS
	MCH	VN	-30	2.19	0.001264	± 2.5	PASS
		VN	-20	4.98	0.002874	± 2.5	PASS
		VN	-10	2.68	0.001547	± 2.5	PASS
		VN	0	2.11	0.001218	± 2.5	PASS

		VN	10	-0.44	-0.000254	± 2.5	PASS
		VN	20	3.83	0.002211	± 2.5	PASS
		VN	30	0.94	0.000543	± 2.5	PASS
		VN	40	2.81	0.001622	± 2.5	PASS
		VN	50	1.87	0.001079	± 2.5	PASS
	HCH	VN	-30	3.73	0.002131	± 2.5	PASS
		VN	-20	4.11	0.002349	± 2.5	PASS
		VN	-10	3.16	0.001806	± 2.5	PASS
		VN	0	-1.36	-0.000777	± 2.5	PASS
		VN	10	0.13	0.000074	± 2.5	PASS
		VN	20	1.04	0.000594	± 2.5	PASS
		VN	30	-0.39	-0.000223	± 2.5	PASS
		VN	40	-0.74	-0.000423	± 2.5	PASS
		VN	50	-1.16	-0.000663	± 2.5	PASS
QPSK	LCH	VN	-30	1.98	0.001143	± 2.5	PASS
		VN	-20	1.23	0.000710	± 2.5	PASS
		VN	-10	1.05	0.000606	± 2.5	PASS
		VN	0	0.07	0.000040	± 2.5	PASS
		VN	10	3.19	0.001841	± 2.5	PASS
		VN	20	1.9	0.001097	± 2.5	PASS
		VN	30	0.15	0.000087	± 2.5	PASS
		VN	40	2.66	0.001535	± 2.5	PASS
		VN	50	-1.57	-0.000906	± 2.5	PASS
	MCH	VN	-30	1.55	0.000886	± 2.5	PASS
		VN	-20	0.73	0.000417	± 2.5	PASS
		VN	-10	4.79	0.002737	± 2.5	PASS
		VN	0	-1.99	-0.001137	± 2.5	PASS
		VN	10	4.42	0.002526	± 2.5	PASS
		VN	20	3.67	0.002097	± 2.5	PASS
		VN	30	1.18	0.000674	± 2.5	PASS
		VN	40	3.11	0.001777	± 2.5	PASS
		VN	50	1.08	0.000617	± 2.5	PASS
	HCH	VN	-30	2.75	0.001571	± 2.5	PASS
		VN	-20	1.63	0.000931	± 2.5	PASS
		VN	-10	-0.95	-0.000543	± 2.5	PASS
		VN	0	0.9	0.000514	± 2.5	PASS
		VN	10	-1.86	-0.001063	± 2.5	PASS
		VN	20	1.27	0.000726	± 2.5	PASS
		VN	30	-0.88	-0.000503	± 2.5	PASS
		VN	40	-1.18	-0.000674	± 2.5	PASS
		VN	50	1.56	0.000891	± 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	-1.01	-0.000588	± 2.5	PASS
		VN	TN	4.63	0.002696	± 2.5	PASS
		VH	TN	2.44	0.001421	± 2.5	PASS
	MCH	VL	TN	0.19	0.000110	± 2.5	PASS
		VN	TN	4.73	0.002730	± 2.5	PASS
		VH	TN	-1.07	-0.000618	± 2.5	PASS
	HCH	VL	TN	4.28	0.002449	± 2.5	PASS
		VN	TN	1.61	0.000921	± 2.5	PASS
		VH	TN	-1.62	-0.000927	± 2.5	PASS
16QAM	LCH	VL	TN	2.62	0.001525	± 2.5	PASS
		VN	TN	2.77	0.001613	± 2.5	PASS
		VH	TN	0.41	0.000239	± 2.5	PASS
	MCH	VL	TN	3.89	0.002245	± 2.5	PASS
		VN	TN	-0.03	-0.000017	± 2.5	PASS
		VH	TN	4.82	0.002782	± 2.5	PASS
	HCH	VL	TN	-1.06	-0.000607	± 2.5	PASS
		VN	TN	2.29	0.001310	± 2.5	PASS
		VH	TN	2.95	0.001688	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.77	0.002195	± 2.5	PASS
		VN	-20	3.76	0.002189	± 2.5	PASS
		VN	-10	-1.11	-0.000646	± 2.5	PASS
		VN	0	2.65	0.001543	± 2.5	PASS
		VN	10	-1.28	-0.000745	± 2.5	PASS
		VN	20	-0.71	-0.000413	± 2.5	PASS
		VN	30	-1.72	-0.001001	± 2.5	PASS
		VN	40	4.6	0.002678	± 2.5	PASS
		VN	50	4.28	0.002492	± 2.5	PASS
	MCH	VN	-30	2.1	0.001212	± 2.5	PASS
		VN	-20	2.23	0.001287	± 2.5	PASS
		VN	-10	3.69	0.002130	± 2.5	PASS
		VN	0	-1.3	-0.000750	± 2.5	PASS
		VN	10	3.61	0.002084	± 2.5	PASS
		VN	20	4.01	0.002315	± 2.5	PASS

		VN	30	3.19	0.001841	± 2.5	PASS
		VN	40	3.78	0.002182	± 2.5	PASS
		VN	50	3.66	0.002113	± 2.5	PASS
	HCH	VN	-30	-0.53	-0.000303	± 2.5	PASS
		VN	-20	3.21	0.001837	± 2.5	PASS
		VN	-10	4.33	0.002478	± 2.5	PASS
		VN	0	2.23	0.001276	± 2.5	PASS
		VN	10	0.15	0.000086	± 2.5	PASS
		VN	20	2.2	0.001259	± 2.5	PASS
		VN	30	4.16	0.002381	± 2.5	PASS
		VN	40	3.64	0.002083	± 2.5	PASS
		VN	50	-0.46	-0.000263	± 2.5	PASS
16QAM	LCH	VN	-30	2.78	0.001605	± 2.5	PASS
		VN	-20	0.94	0.000543	± 2.5	PASS
		VN	-10	2.41	0.001391	± 2.5	PASS
		VN	0	0.51	0.000294	± 2.5	PASS
		VN	10	3.48	0.002009	± 2.5	PASS
		VN	20	1.65	0.000952	± 2.5	PASS
		VN	30	3.38	0.001951	± 2.5	PASS
		VN	40	0.28	0.000162	± 2.5	PASS
		VN	50	-1.41	-0.000814	± 2.5	PASS
	MCH	VN	-30	3.01	0.001722	± 2.5	PASS
		VN	-20	3.98	0.002278	± 2.5	PASS
		VN	-10	0.99	0.000567	± 2.5	PASS
		VN	0	-0.19	-0.000109	± 2.5	PASS
		VN	10	0.59	0.000338	± 2.5	PASS
		VN	20	-0.45	-0.000258	± 2.5	PASS
		VN	30	-1.86	-0.001064	± 2.5	PASS
		VN	40	4.29	0.002455	± 2.5	PASS
		VN	50	3.07	0.001757	± 2.5	PASS
	HCH	VN	-30	-1.75	-0.001001	± 2.5	PASS
		VN	-20	4.76	0.002724	± 2.5	PASS
		VN	-10	1.41	0.000807	± 2.5	PASS
		VN	0	3.29	0.001883	± 2.5	PASS
		VN	10	4.31	0.002466	± 2.5	PASS
		VN	20	0.26	0.000149	± 2.5	PASS
		VN	30	2.03	0.001162	± 2.5	PASS
		VN	40	-0.17	-0.000097	± 2.5	PASS
		VN	50	0.53	0.000303	± 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	2	0.001163	± 2.5	PASS
		VN	TN	2.98	0.001733	± 2.5	PASS
		VH	TN	2.1	0.001221	± 2.5	PASS
	MCH	VL	TN	-0.56	-0.000323	± 2.5	PASS
		VN	TN	4.16	0.002401	± 2.5	PASS
		VH	TN	-1.13	-0.000652	± 2.5	PASS
	HCH	VL	TN	3.93	0.002252	± 2.5	PASS
		VN	TN	0.05	0.000029	± 2.5	PASS
		VH	TN	-1.45	-0.000831	± 2.5	PASS
16QAM	LCH	VL	TN	-0.94	-0.000547	± 2.5	PASS
		VN	TN	3.94	0.002291	± 2.5	PASS
		VH	TN	3.6	0.002093	± 2.5	PASS
	MCH	VL	TN	3.4	0.001962	± 2.5	PASS
		VN	TN	3.65	0.002107	± 2.5	PASS
		VH	TN	2.56	0.001478	± 2.5	PASS
	HCH	VL	TN	1.2	0.000688	± 2.5	PASS
		VN	TN	1.13	0.000648	± 2.5	PASS
		VH	TN	-0.83	-0.000476	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.76	-0.001023	± 2.5	PASS
		VN	-20	4.2	0.002442	± 2.5	PASS
		VN	-10	-0.18	-0.000105	± 2.5	PASS
		VN	0	2.13	0.001238	± 2.5	PASS
		VN	10	0.74	0.000430	± 2.5	PASS
		VN	20	1.6	0.000930	± 2.5	PASS
		VN	30	-1.04	-0.000605	± 2.5	PASS
		VN	40	1.35	0.000785	± 2.5	PASS
		VN	50	-1.49	-0.000866	± 2.5	PASS
	MCH	VN	-30	4.33	0.002499	± 2.5	PASS
		VN	-20	0.87	0.000502	± 2.5	PASS
		VN	-10	-0.68	-0.000392	± 2.5	PASS
		VN	0	2.1	0.001212	± 2.5	PASS
		VN	10	3.11	0.001795	± 2.5	PASS
		VN	20	-0.62	-0.000358	± 2.5	PASS

		VN	30	0.23	0.000133	± 2.5	PASS
		VN	40	2.85	0.001645	± 2.5	PASS
		VN	50	-0.59	-0.000341	± 2.5	PASS
	HCH	VN	-30	-0.99	-0.000567	± 2.5	PASS
		VN	-20	4.43	0.002539	± 2.5	PASS
		VN	-10	4.93	0.002825	± 2.5	PASS
		VN	0	-1.11	-0.000636	± 2.5	PASS
		VN	10	4.29	0.002458	± 2.5	PASS
		VN	20	-0.93	-0.000533	± 2.5	PASS
		VN	30	-1.17	-0.000670	± 2.5	PASS
		VN	40	-1.59	-0.000911	± 2.5	PASS
		VN	50	2.42	0.001387	± 2.5	PASS
16QAM	LCH	VN	-30	-1.17	-0.000675	± 2.5	PASS
		VN	-20	-0.69	-0.000398	± 2.5	PASS
		VN	-10	2.18	0.001258	± 2.5	PASS
		VN	0	0.76	0.000439	± 2.5	PASS
		VN	10	4.86	0.002805	± 2.5	PASS
		VN	20	2.1	0.001212	± 2.5	PASS
		VN	30	4.42	0.002551	± 2.5	PASS
		VN	40	-0.73	-0.000421	± 2.5	PASS
		VN	50	-0.72	-0.000416	± 2.5	PASS
	MCH	VN	-30	0.1	0.000057	± 2.5	PASS
		VN	-20	-1.98	-0.001135	± 2.5	PASS
		VN	-10	2.17	0.001244	± 2.5	PASS
		VN	0	1.82	0.001043	± 2.5	PASS
		VN	10	2.02	0.001158	± 2.5	PASS
		VN	20	2.22	0.001272	± 2.5	PASS
		VN	30	-0.42	-0.000241	± 2.5	PASS
		VN	40	2.52	0.001444	± 2.5	PASS
		VN	50	3.57	0.002046	± 2.5	PASS
	HCH	VN	-30	2.56	0.001467	± 2.5	PASS
		VN	-20	0.77	0.000441	± 2.5	PASS
		VN	-10	3.15	0.001805	± 2.5	PASS
		VN	0	1.31	0.000751	± 2.5	PASS
		VN	10	3.89	0.002229	± 2.5	PASS
		VN	20	0.65	0.000372	± 2.5	PASS
		VN	30	0.82	0.000470	± 2.5	PASS
		VN	40	4.72	0.002705	± 2.5	PASS
		VN	50	2.69	0.001542	± 2.5	PASS