



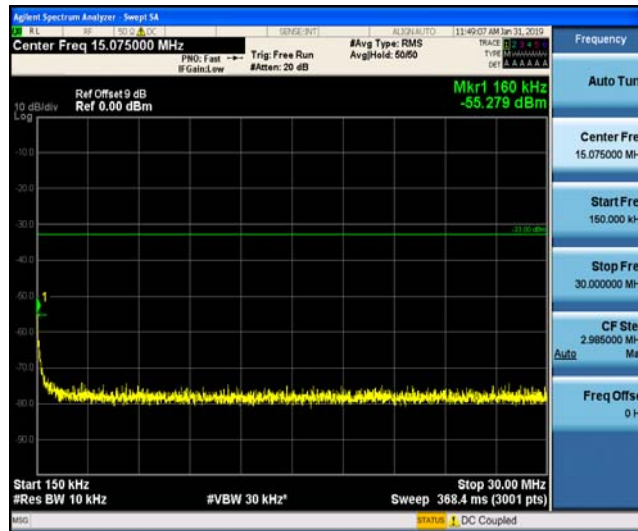
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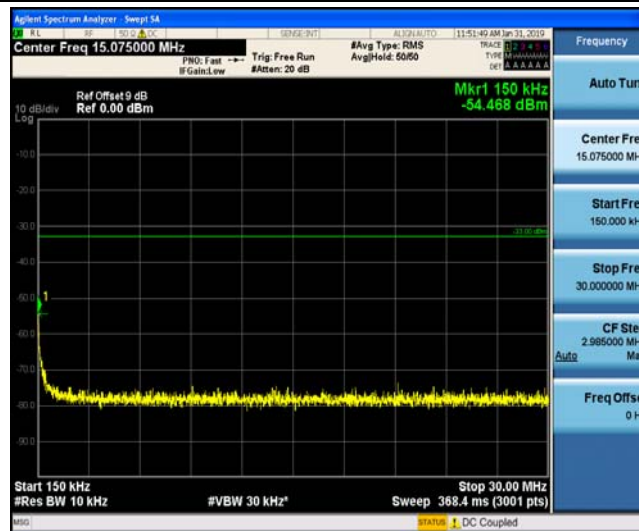
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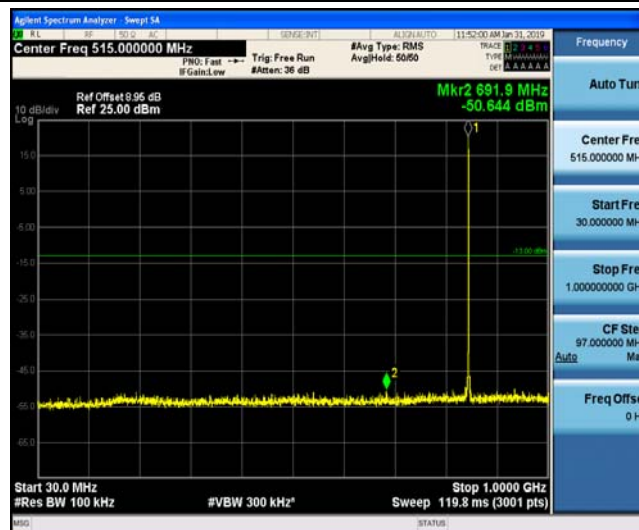
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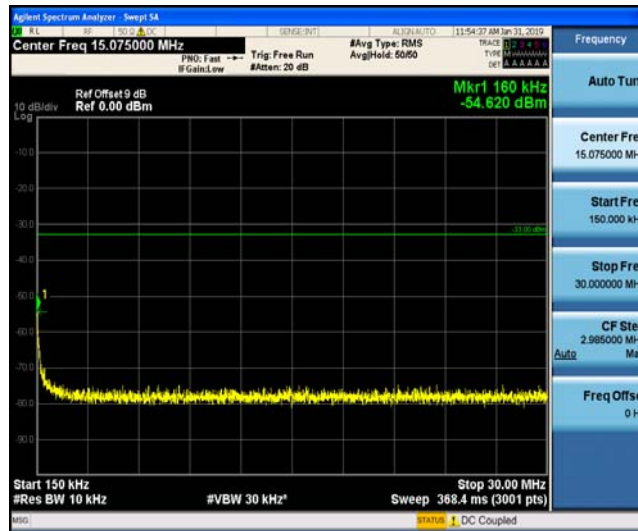
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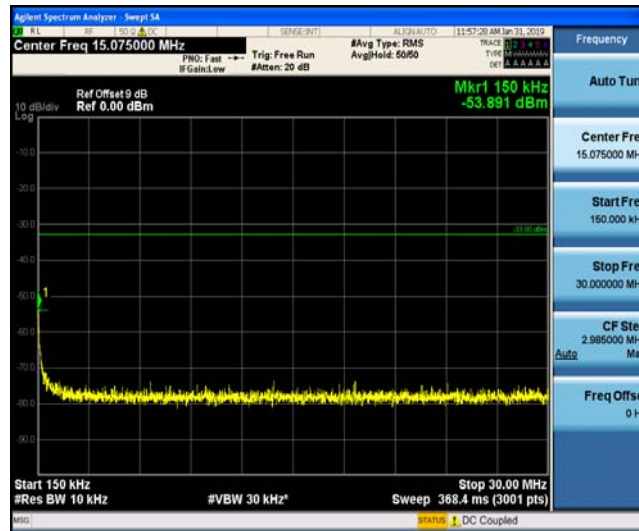
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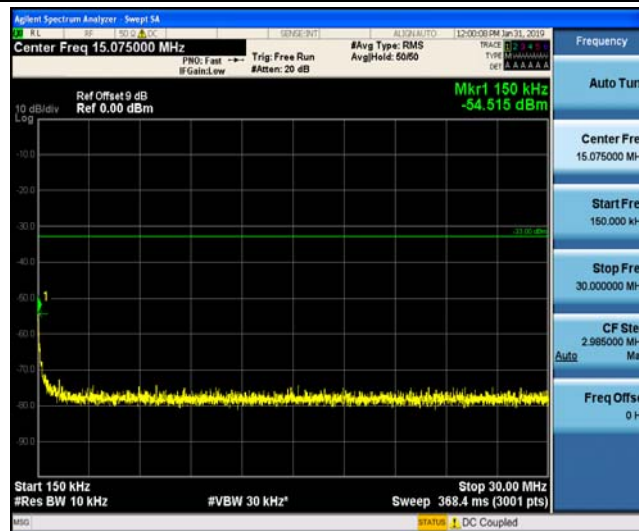
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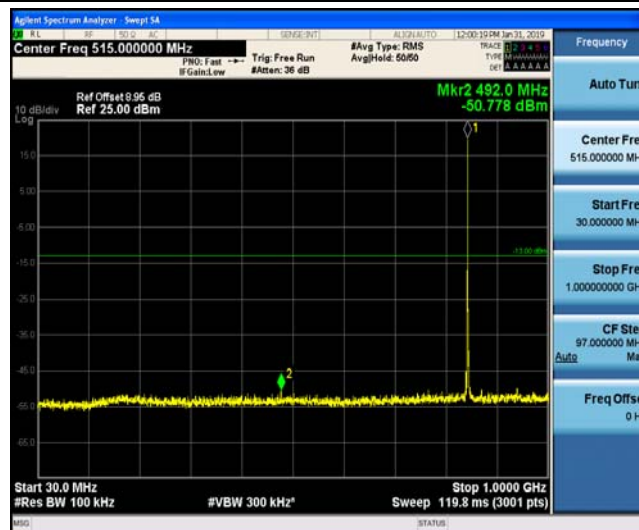
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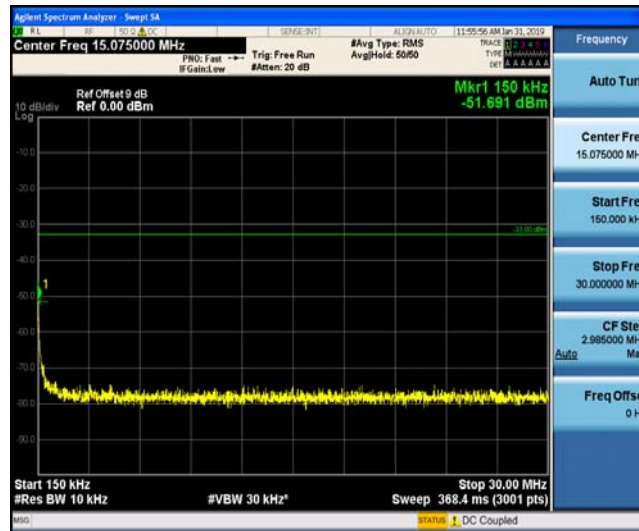
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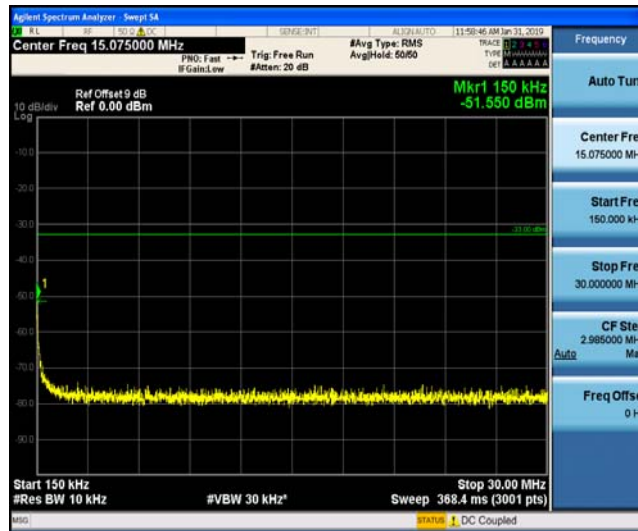
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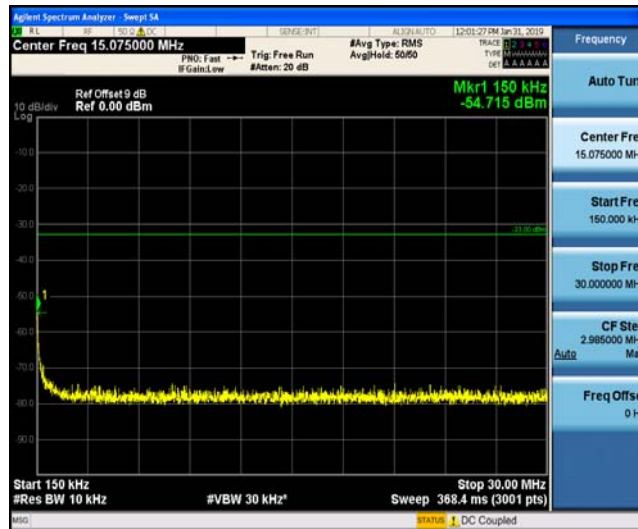
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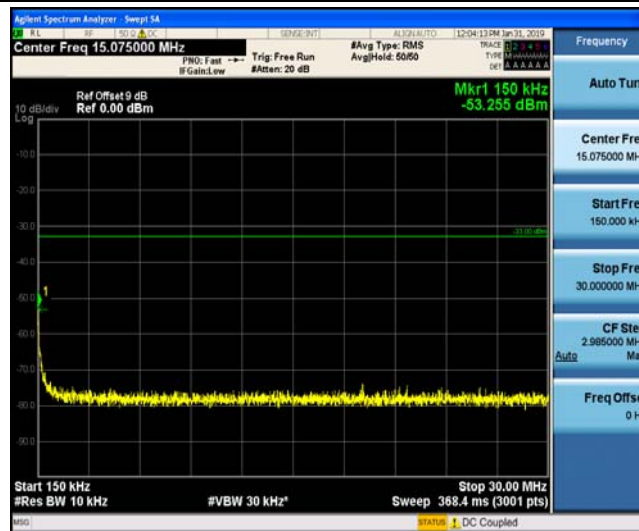
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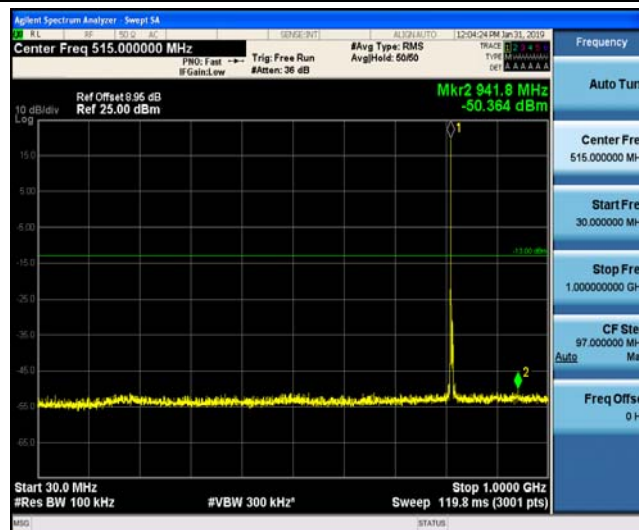
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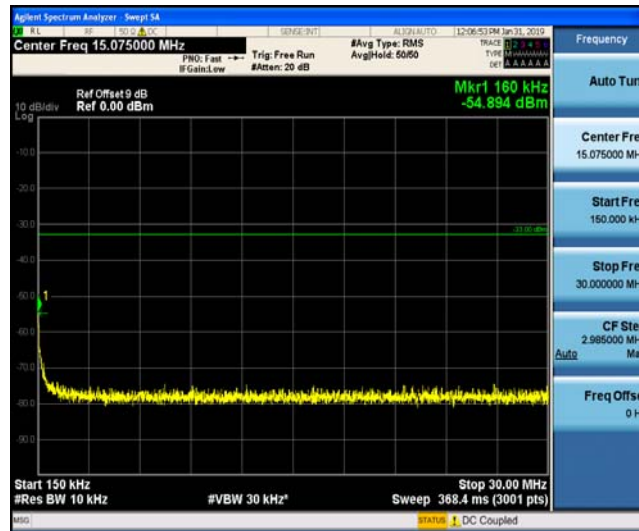
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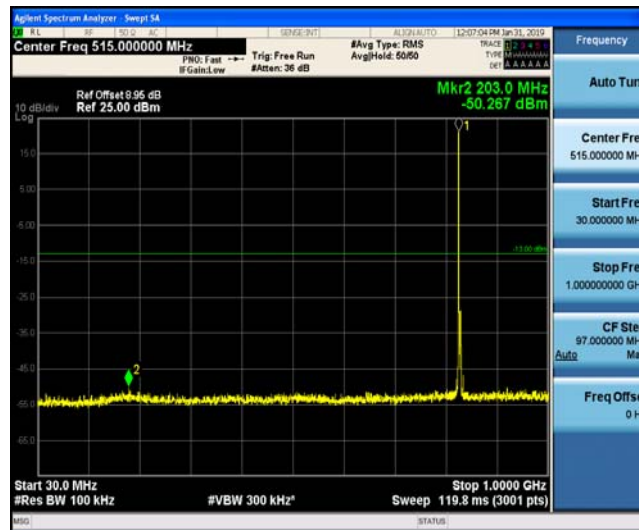
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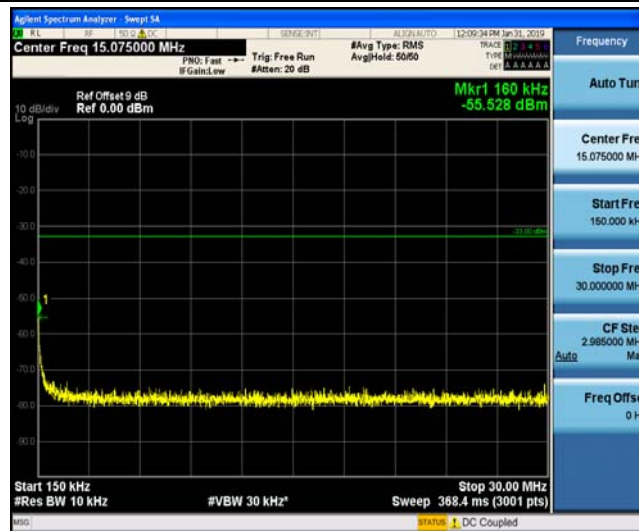
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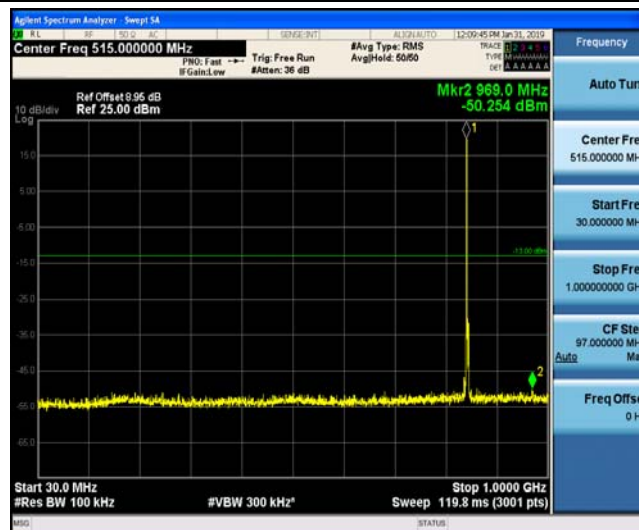
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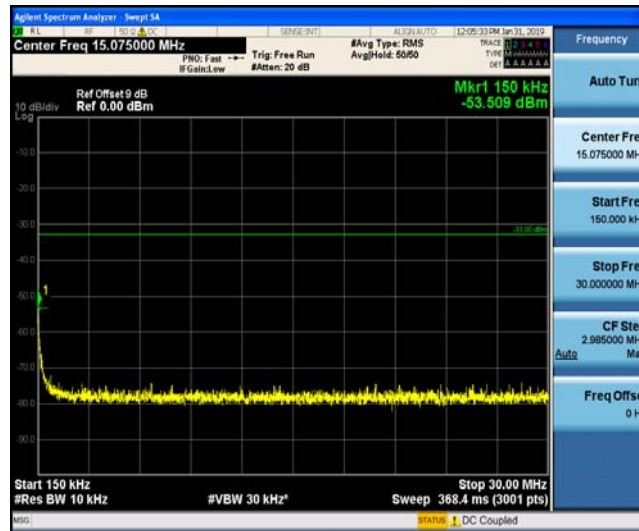
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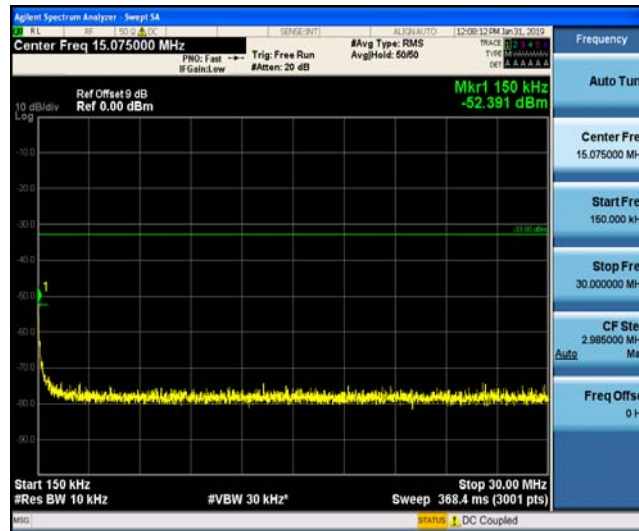
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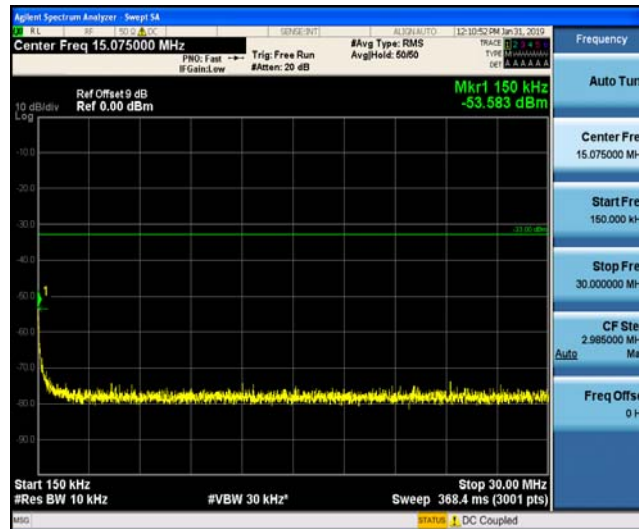
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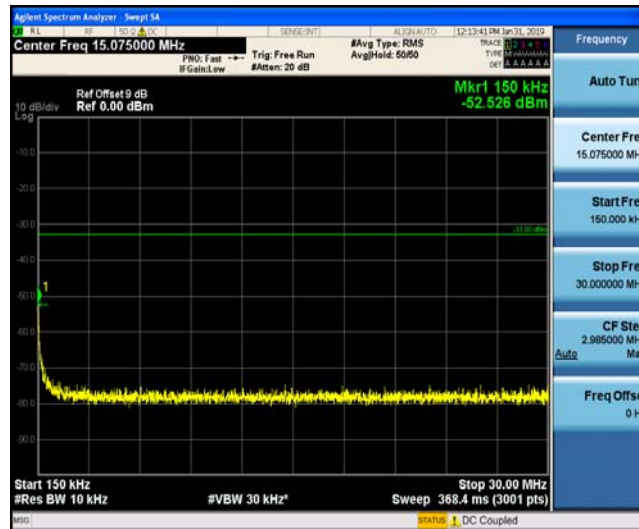
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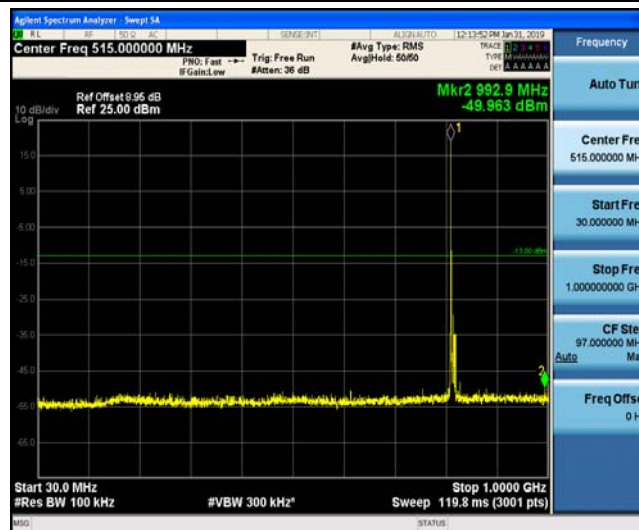
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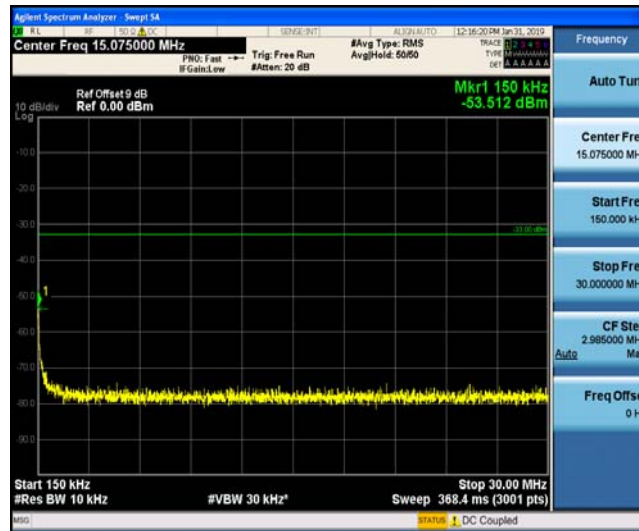
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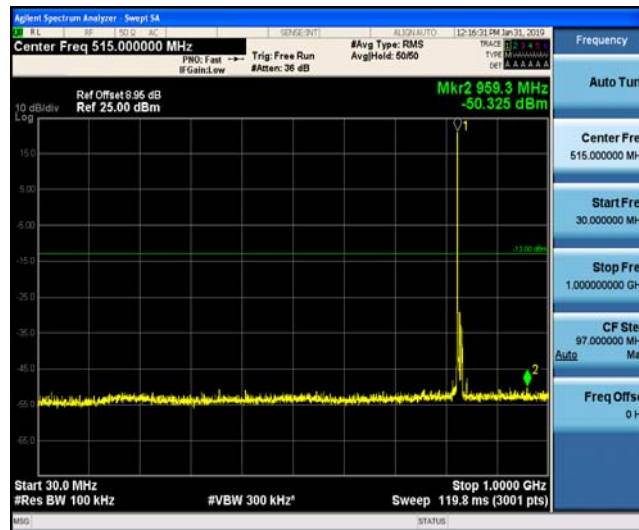
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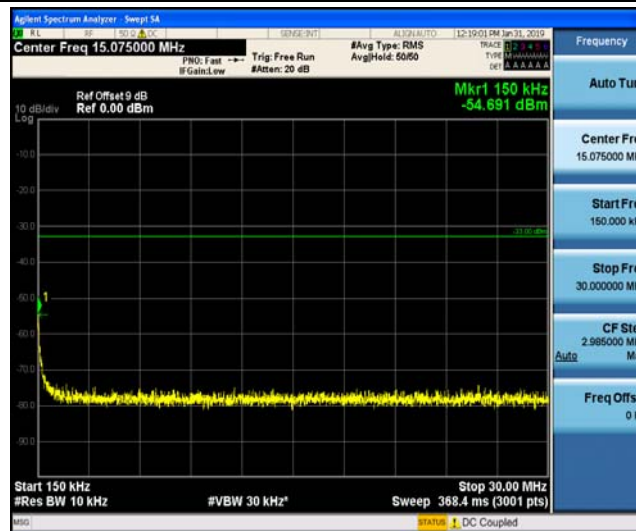
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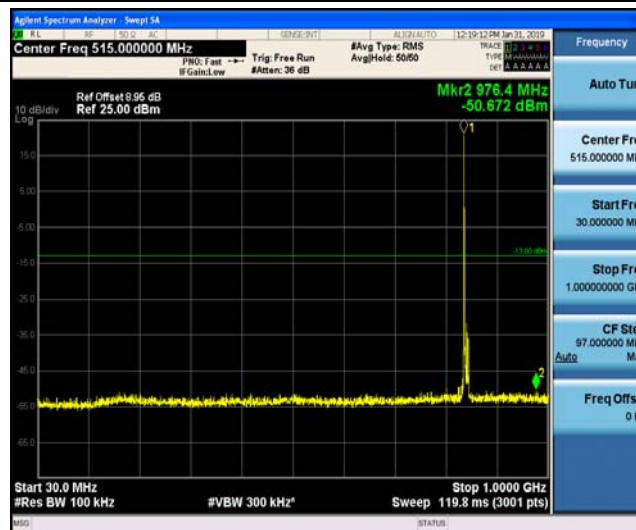
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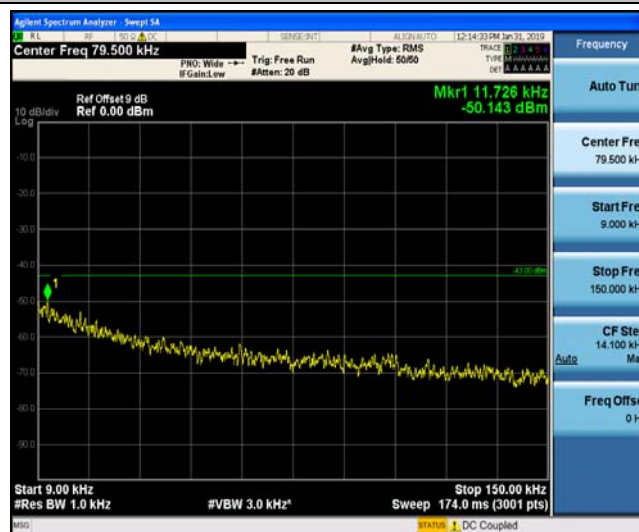
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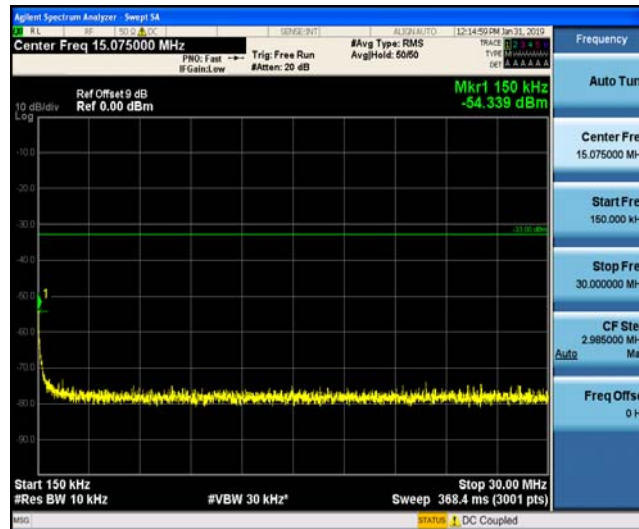
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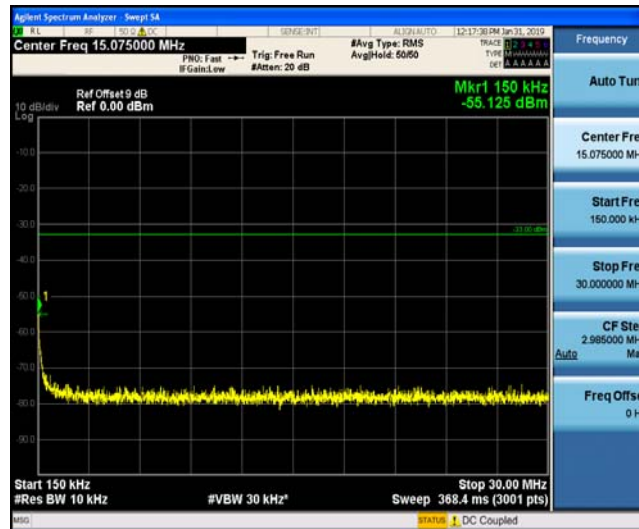
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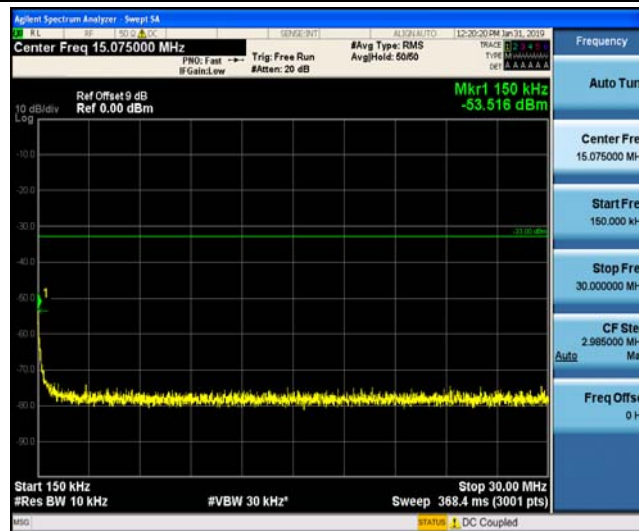
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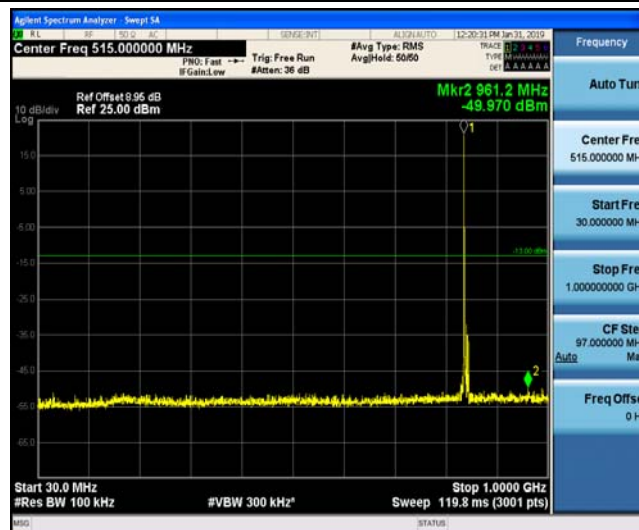
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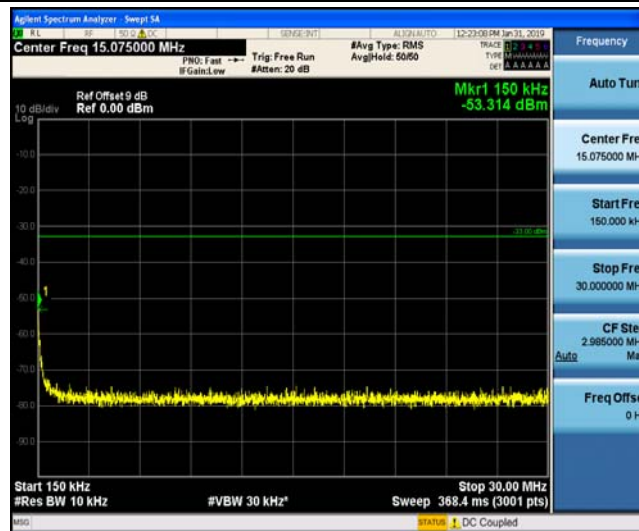
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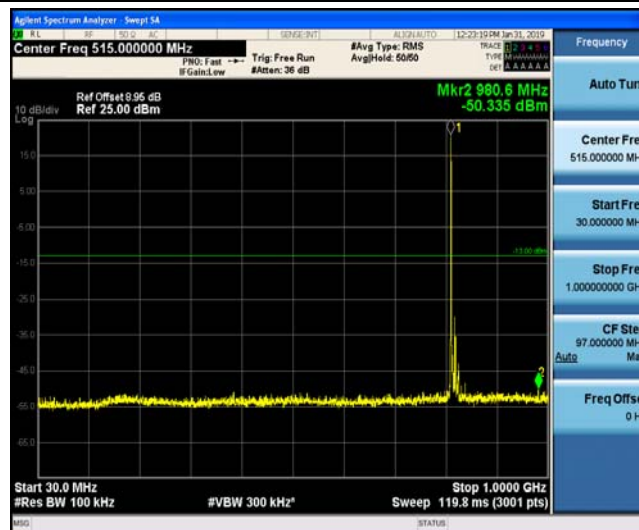
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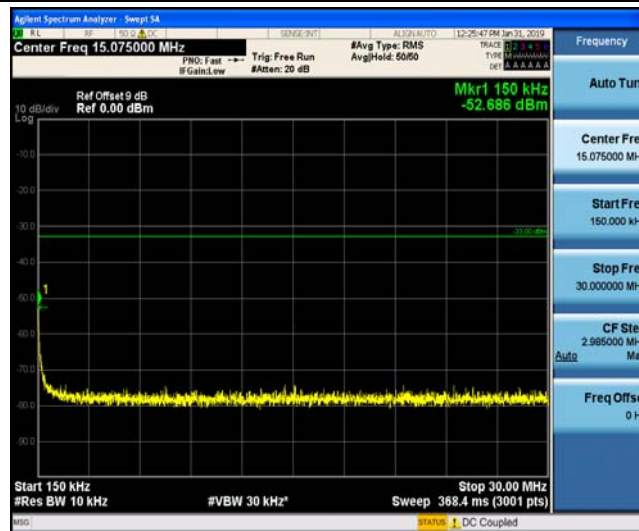
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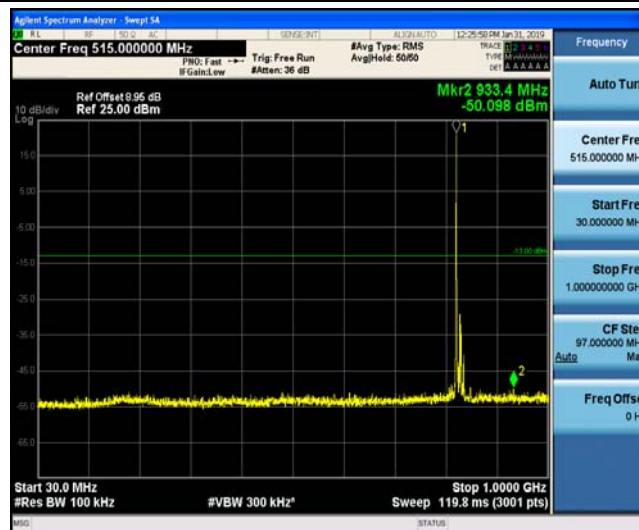
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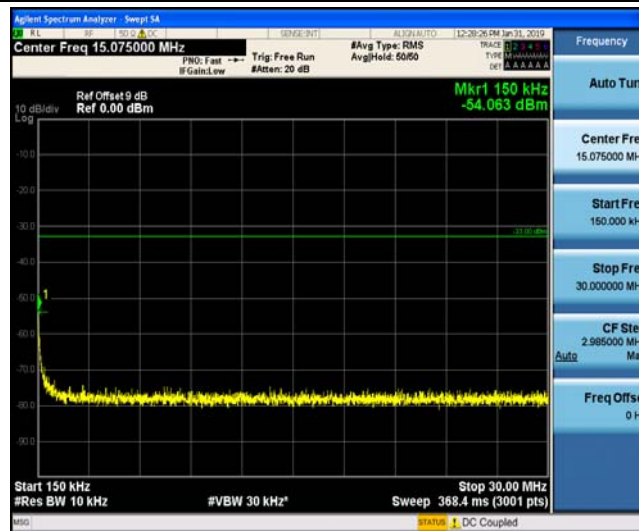
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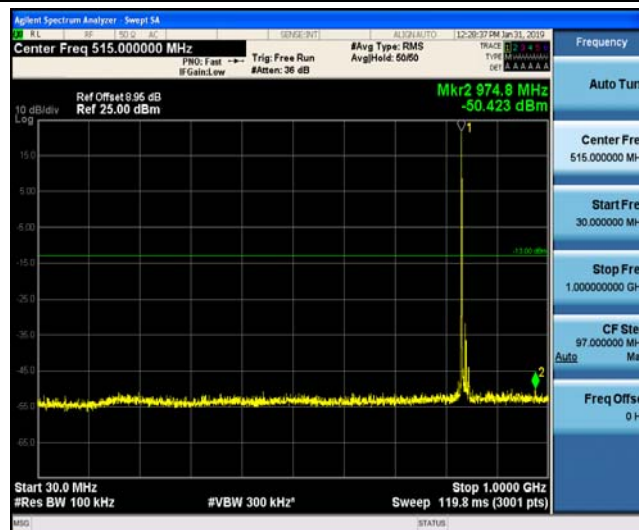
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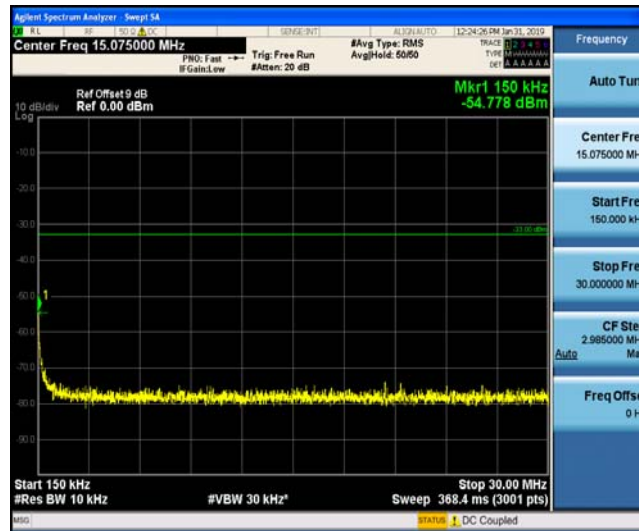
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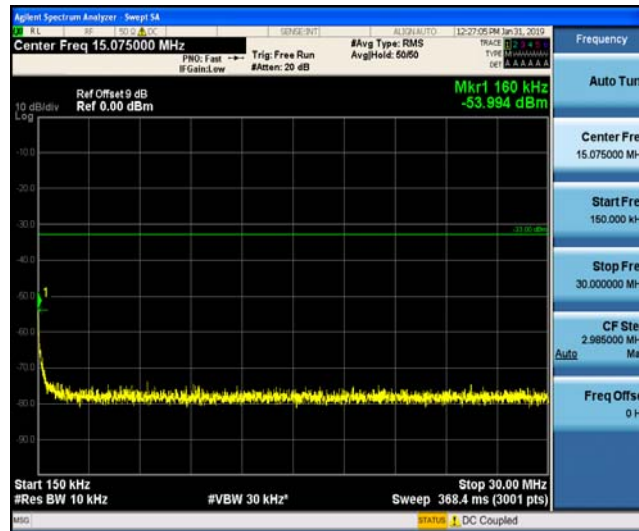
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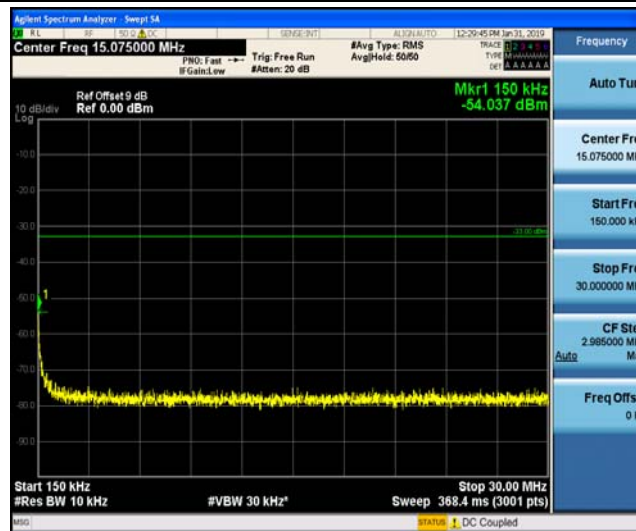
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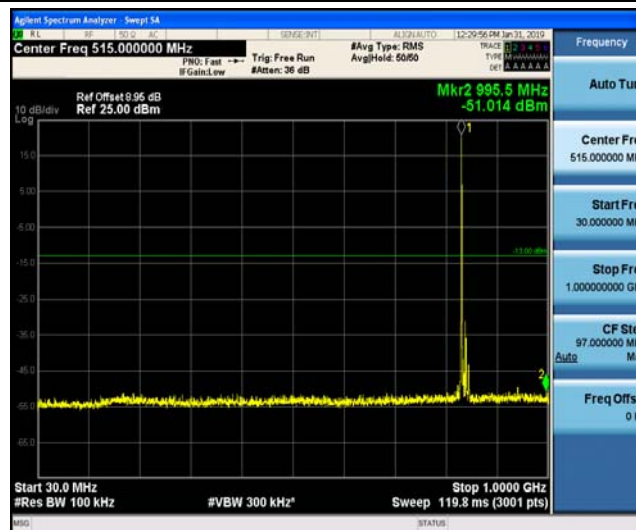
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Band26_15MHz_16QAM_26965_1RB#0



Band26_15MHz_16QAM_26965_1RB#0



Band26_15MHz_16QAM_26965_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	0.6	0.000736	± 2.5	PASS
		VN	TN	-0.1	-0.000123	± 2.5	PASS
		VH	TN	3.89	0.004775	± 2.5	PASS
	MCH	VL	TN	0.19	0.000229	± 2.5	PASS
		VN	TN	-0.49	-0.000590	± 2.5	PASS
		VH	TN	1.23	0.001480	± 2.5	PASS
	HCH	VL	TN	4.9	0.005776	± 2.5	PASS
		VN	TN	-1.49	-0.001756	± 2.5	PASS
		VH	TN	4.01	0.004727	± 2.5	PASS
16QAM	LCH	VL	TN	-1.32	-0.001620	± 2.5	PASS
		VN	TN	4.62	0.005671	± 2.5	PASS
		VH	TN	2.39	0.002934	± 2.5	PASS
	MCH	VL	TN	3.02	0.003634	± 2.5	PASS
		VN	TN	-1.03	-0.001239	± 2.5	PASS
		VH	TN	0.1	0.000120	± 2.5	PASS
	HCH	VL	TN	-1.93	-0.002275	± 2.5	PASS
		VN	TN	-1.96	-0.002311	± 2.5	PASS
		VH	TN	2.41	0.002841	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.77	0.000945	± 2.5	PASS
		VN	-20	3.98	0.004885	± 2.5	PASS
		VN	-10	-1.54	-0.001890	± 2.5	PASS
		VN	0	-1.54	-0.001890	± 2.5	PASS
		VN	10	1.87	0.002295	± 2.5	PASS
		VN	20	-1.88	-0.002308	± 2.5	PASS
		VN	30	4.01	0.004922	± 2.5	PASS
		VN	40	-1.61	-0.001976	± 2.5	PASS
		VN	50	-0.25	-0.000307	± 2.5	PASS
	MCH	VN	-30	-1.38	-0.001661	± 2.5	PASS

		VN	-20	-0.53	-0.000638	± 2.5	PASS
		VN	-10	-0.96	-0.001155	± 2.5	PASS
		VN	0	2.79	0.003357	± 2.5	PASS
		VN	10	2.6	0.003129	± 2.5	PASS
		VN	20	4.55	0.005475	± 2.5	PASS
		VN	30	4.6	0.005535	± 2.5	PASS
		VN	40	-1.17	-0.001408	± 2.5	PASS
		VN	50	-0.53	-0.000638	± 2.5	PASS
	HCH	VN	-30	0.66	0.000778	± 2.5	PASS
		VN	-20	-1.42	-0.001674	± 2.5	PASS
		VN	-10	0.99	0.001167	± 2.5	PASS
		VN	0	4.07	0.004798	± 2.5	PASS
		VN	10	2.51	0.002959	± 2.5	PASS
		VN	20	4.93	0.005812	± 2.5	PASS
		VN	30	1.22	0.001438	± 2.5	PASS
		VN	40	2.31	0.002723	± 2.5	PASS
		VN	50	1.09	0.001285	± 2.5	PASS
16QAM	LCH	VN	-30	2.86	0.003510	± 2.5	PASS
		VN	-20	3.56	0.004370	± 2.5	PASS
		VN	-10	-1.37	-0.001682	± 2.5	PASS
		VN	0	4.5	0.005524	± 2.5	PASS
		VN	10	1.86	0.002283	± 2.5	PASS
		VN	20	2.91	0.003572	± 2.5	PASS
		VN	30	1.21	0.001485	± 2.5	PASS
		VN	40	0.14	0.000172	± 2.5	PASS
		VN	50	3.93	0.004824	± 2.5	PASS
	MCH	VN	-30	4.16	0.005006	± 2.5	PASS
		VN	-20	-1.82	-0.002190	± 2.5	PASS
		VN	-10	-0.28	-0.000337	± 2.5	PASS
		VN	0	3.33	0.004007	± 2.5	PASS
		VN	10	0.25	0.000301	± 2.5	PASS
		VN	20	4.21	0.005066	± 2.5	PASS
		VN	30	1.29	0.001552	± 2.5	PASS
		VN	40	4.2	0.005054	± 2.5	PASS
		VN	50	2.22	0.002671	± 2.5	PASS
	HCH	VN	-30	-0.42	-0.000495	± 2.5	PASS
		VN	-20	2.73	0.003218	± 2.5	PASS
		VN	-10	1.74	0.002051	± 2.5	PASS
		VN	0	4.58	0.005399	± 2.5	PASS
		VN	10	-0.17	-0.000200	± 2.5	PASS
		VN	20	3.97	0.004680	± 2.5	PASS

		VN	30	4.39	0.005175	± 2.5	PASS
		VN	40	-1.42	-0.001674	± 2.5	PASS
		VN	50	0.46	0.000542	± 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	-1.9	-0.002330	± 2.5	PASS
		VN	TN	1.35	0.001655	± 2.5	PASS
		VH	TN	3.64	0.004464	± 2.5	PASS
	MCH	VL	TN	1.87	0.002250	± 2.5	PASS
		VN	TN	-1.26	-0.001516	± 2.5	PASS
		VH	TN	2.06	0.002479	± 2.5	PASS
	HCH	VL	TN	1.76	0.002077	± 2.5	PASS
		VN	TN	4.66	0.005499	± 2.5	PASS
		VH	TN	0.05	0.000059	± 2.5	PASS
16QAM	LCH	VL	TN	3.81	0.004672	± 2.5	PASS
		VN	TN	2.66	0.003262	± 2.5	PASS
		VH	TN	-0.09	-0.000110	± 2.5	PASS
	MCH	VL	TN	-1.28	-0.001540	± 2.5	PASS
		VN	TN	4.85	0.005836	± 2.5	PASS
		VH	TN	-1.15	-0.001384	± 2.5	PASS
	HCH	VL	TN	2.81	0.003316	± 2.5	PASS
		VN	TN	1.21	0.001428	± 2.5	PASS
		VH	TN	4.85	0.005723	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.47	0.005481	± 2.5	PASS
		VN	-20	2.29	0.002808	± 2.5	PASS
		VN	-10	2.65	0.003250	± 2.5	PASS
		VN	0	1.3	0.001594	± 2.5	PASS
		VN	10	0.97	0.001189	± 2.5	PASS
		VN	20	1.47	0.001803	± 2.5	PASS
		VN	30	-0.44	-0.000540	± 2.5	PASS
		VN	40	4.39	0.005383	± 2.5	PASS
		VN	50	-1.18	-0.001447	± 2.5	PASS
	MCH	VN	-30	0.29	0.000349	± 2.5	PASS
		VN	-20	3.7	0.004452	± 2.5	PASS

		VN	-10	2.95	0.003550	± 2.5	PASS
		VN	0	4.23	0.005090	± 2.5	PASS
		VN	10	-0.03	-0.000036	± 2.5	PASS
		VN	20	0.37	0.000445	± 2.5	PASS
		VN	30	0.8	0.000963	± 2.5	PASS
		VN	40	0.97	0.001167	± 2.5	PASS
		VN	50	1.7	0.002046	± 2.5	PASS
	HCH	VN	-30	1.34	0.001581	± 2.5	PASS
		VN	-20	-1.12	-0.001322	± 2.5	PASS
		VN	-10	3.75	0.004425	± 2.5	PASS
		VN	0	2.64	0.003115	± 2.5	PASS
		VN	10	-0.65	-0.000767	± 2.5	PASS
		VN	20	1.08	0.001274	± 2.5	PASS
		VN	30	2.29	0.002702	± 2.5	PASS
		VN	40	3.93	0.004637	± 2.5	PASS
		VN	50	1.67	0.001971	± 2.5	PASS
16QAM	LCH	VN	-30	-1.78	-0.002183	± 2.5	PASS
		VN	-20	1.8	0.002207	± 2.5	PASS
		VN	-10	3.6	0.004414	± 2.5	PASS
		VN	0	4.89	0.005996	± 2.5	PASS
		VN	10	0.22	0.000270	± 2.5	PASS
		VN	20	-0.3	-0.000368	± 2.5	PASS
		VN	30	-1.43	-0.001754	± 2.5	PASS
		VN	40	-1.1	-0.001349	± 2.5	PASS
		VN	50	1.84	0.002256	± 2.5	PASS
	MCH	VN	-30	1.33	0.001600	± 2.5	PASS
		VN	-20	3.93	0.004729	± 2.5	PASS
		VN	-10	-0.77	-0.000927	± 2.5	PASS
		VN	0	-0.68	-0.000818	± 2.5	PASS
		VN	10	-0.81	-0.000975	± 2.5	PASS
		VN	20	1.98	0.002383	± 2.5	PASS
		VN	30	0.41	0.000493	± 2.5	PASS
		VN	40	2.68	0.003225	± 2.5	PASS
		VN	50	4.95	0.005957	± 2.5	PASS
	HCH	VN	-30	3.63	0.004283	± 2.5	PASS
		VN	-20	0.73	0.000861	± 2.5	PASS
		VN	-10	4.85	0.005723	± 2.5	PASS
		VN	0	4.48	0.005286	± 2.5	PASS
		VN	10	2.74	0.003233	± 2.5	PASS
		VN	20	1.61	0.001900	± 2.5	PASS
		VN	30	2.92	0.003445	± 2.5	PASS

		VN	40	3.45	0.004071	± 2.5	PASS
		VN	50	3.65	0.004307	± 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	0.53	0.000649	± 2.5	PASS
		VN	TN	2.2	0.002694	± 2.5	PASS
		VH	TN	3.41	0.004176	± 2.5	PASS
	MCH	VL	TN	2.41	0.002900	± 2.5	PASS
		VN	TN	2.07	0.002491	± 2.5	PASS
		VH	TN	2.89	0.003478	± 2.5	PASS
	HCH	VL	TN	4.39	0.005186	± 2.5	PASS
		VN	TN	3.07	0.003627	± 2.5	PASS
		VH	TN	4.88	0.005765	± 2.5	PASS
16QAM	LCH	VL	TN	-1.33	-0.001629	± 2.5	PASS
		VN	TN	2.48	0.003037	± 2.5	PASS
		VH	TN	0.23	0.000282	± 2.5	PASS
	MCH	VL	TN	-0.73	-0.000878	± 2.5	PASS
		VN	TN	0.07	0.000084	± 2.5	PASS
		VH	TN	1.48	0.001781	± 2.5	PASS
	HCH	VL	TN	2.64	0.003119	± 2.5	PASS
		VN	TN	4.53	0.005351	± 2.5	PASS
		VH	TN	4.33	0.005115	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.51	0.003074	± 2.5	PASS
		VN	-20	1.44	0.001764	± 2.5	PASS
		VN	-10	2.64	0.003233	± 2.5	PASS
		VN	0	3.94	0.004825	± 2.5	PASS
		VN	10	-0.12	-0.000147	± 2.5	PASS
		VN	20	0.77	0.000943	± 2.5	PASS
		VN	30	-0.41	-0.000502	± 2.5	PASS
		VN	40	1.3	0.001592	± 2.5	PASS
		VN	50	4.23	0.005181	± 2.5	PASS
	MCH	VN	-30	4.14	0.004982	± 2.5	PASS
		VN	-20	3.18	0.003827	± 2.5	PASS
		VN	-10	-1.28	-0.001540	± 2.5	PASS

		VN	0	2.47	0.002972	± 2.5	PASS
		VN	10	-0.6	-0.000722	± 2.5	PASS
		VN	20	1.81	0.002178	± 2.5	PASS
		VN	30	4.46	0.005367	± 2.5	PASS
		VN	40	0.17	0.000205	± 2.5	PASS
		VN	50	4.42	0.005319	± 2.5	PASS
	HCH	VN	-30	3.97	0.004690	± 2.5	PASS
		VN	-20	2.49	0.002942	± 2.5	PASS
		VN	-10	0.75	0.000886	± 2.5	PASS
		VN	0	2.23	0.002634	± 2.5	PASS
		VN	10	3.6	0.004253	± 2.5	PASS
		VN	20	-0.71	-0.000839	± 2.5	PASS
		VN	30	1.17	0.001382	± 2.5	PASS
		VN	40	-1.46	-0.001725	± 2.5	PASS
		VN	50	0.48	0.000567	± 2.5	PASS
16QAM	LCH	VN	-30	4.55	0.005573	± 2.5	PASS
		VN	-20	1.55	0.001898	± 2.5	PASS
		VN	-10	1.85	0.002266	± 2.5	PASS
		VN	0	2.02	0.002474	± 2.5	PASS
		VN	10	3.36	0.004115	± 2.5	PASS
		VN	20	2.66	0.003258	± 2.5	PASS
		VN	30	4.69	0.005744	± 2.5	PASS
		VN	40	3.86	0.004727	± 2.5	PASS
		VN	50	4.94	0.006050	± 2.5	PASS
	MCH	VN	-30	1.01	0.001215	± 2.5	PASS
		VN	-20	2.74	0.003297	± 2.5	PASS
		VN	-10	2.44	0.002936	± 2.5	PASS
		VN	0	-0.54	-0.000650	± 2.5	PASS
		VN	10	2.94	0.003538	± 2.5	PASS
		VN	20	4.09	0.004922	± 2.5	PASS
		VN	30	0.51	0.000614	± 2.5	PASS
		VN	40	1.19	0.001432	± 2.5	PASS
		VN	50	1.23	0.001480	± 2.5	PASS
	HCH	VN	-30	2.35	0.002776	± 2.5	PASS
		VN	-20	4.63	0.005470	± 2.5	PASS
		VN	-10	0.98	0.001158	± 2.5	PASS
		VN	0	4.12	0.004867	± 2.5	PASS
		VN	10	0.14	0.000165	± 2.5	PASS
		VN	20	3.4	0.004017	± 2.5	PASS
		VN	30	3.71	0.004383	± 2.5	PASS
		VN	40	-1.13	-0.001335	± 2.5	PASS

		VN	50	2.86	0.003379	± 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	2.65	0.003236	± 2.5	PASS
		VN	TN	2.94	0.003590	± 2.5	PASS
		VH	TN	2.21	0.002698	± 2.5	PASS
	MCH	VL	TN	4.23	0.005090	± 2.5	PASS
		VN	TN	0.53	0.000638	± 2.5	PASS
		VH	TN	4.98	0.005993	± 2.5	PASS
	HCH	VL	TN	3.24	0.003839	± 2.5	PASS
		VN	TN	3.11	0.003685	± 2.5	PASS
		VH	TN	2.93	0.003472	± 2.5	PASS
16QAM	LCH	VL	TN	0.7	0.000855	± 2.5	PASS
		VN	TN	-1.21	-0.001477	± 2.5	PASS
		VH	TN	4.22	0.005153	± 2.5	PASS
	MCH	VL	TN	-0.05	-0.000060	± 2.5	PASS
		VN	TN	2.76	0.003321	± 2.5	PASS
		VH	TN	0.69	0.000830	± 2.5	PASS
	HCH	VL	TN	3.19	0.003780	± 2.5	PASS
		VN	TN	4.35	0.005154	± 2.5	PASS
		VH	TN	0.13	0.000154	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	-0.44	-0.000537	± 2.5	PASS
		VN	-20	2.98	0.003639	± 2.5	PASS
		VN	-10	-1.75	-0.002137	± 2.5	PASS
		VN	0	-0.06	-0.000073	± 2.5	PASS
		VN	10	2.25	0.002747	± 2.5	PASS
		VN	20	2.11	0.002576	± 2.5	PASS
		VN	30	2.63	0.003211	± 2.5	PASS
		VN	40	-1.06	-0.001294	± 2.5	PASS
		VN	50	-0.56	-0.000684	± 2.5	PASS
	MCH	VN	-30	-1.39	-0.001673	± 2.5	PASS
		VN	-20	1.72	0.002070	± 2.5	PASS
		VN	-10	4.7	0.005656	± 2.5	PASS
		VN	0	-0.83	-0.000999	± 2.5	PASS

		VN	10	4.63	0.005572	± 2.5	PASS
		VN	20	4.3	0.005174	± 2.5	PASS
		VN	30	3.15	0.003791	± 2.5	PASS
		VN	40	3.05	0.003670	± 2.5	PASS
		VN	50	4.38	0.005271	± 2.5	PASS
	HCH	VN	-30	1.3	0.001540	± 2.5	PASS
		VN	-20	4.22	0.005000	± 2.5	PASS
		VN	-10	0.47	0.000557	± 2.5	PASS
		VN	0	-1.24	-0.001469	± 2.5	PASS
		VN	10	3.49	0.004135	± 2.5	PASS
		VN	20	1.29	0.001528	± 2.5	PASS
		VN	30	-1.45	-0.001718	± 2.5	PASS
		VN	40	-1.9	-0.002251	± 2.5	PASS
		VN	50	0.63	0.000746	± 2.5	PASS
QPSK	LCH	VN	-30	4.55	0.005556	± 2.5	PASS
		VN	-20	3.99	0.004872	± 2.5	PASS
		VN	-10	1.78	0.002173	± 2.5	PASS
		VN	0	-1.05	-0.001282	± 2.5	PASS
		VN	10	1.75	0.002137	± 2.5	PASS
		VN	20	-1.68	-0.002051	± 2.5	PASS
		VN	30	-0.28	-0.000342	± 2.5	PASS
		VN	40	0.95	0.001160	± 2.5	PASS
		VN	50	-0.32	-0.000391	± 2.5	PASS
	MCH	VN	-30	2.82	0.003394	± 2.5	PASS
		VN	-20	1.74	0.002094	± 2.5	PASS
		VN	-10	-1.79	-0.002154	± 2.5	PASS
		VN	0	4.92	0.005921	± 2.5	PASS
		VN	10	-1.44	-0.001733	± 2.5	PASS
		VN	20	3.3	0.003971	± 2.5	PASS
		VN	30	1.12	0.001348	± 2.5	PASS
		VN	40	0.43	0.000517	± 2.5	PASS
		VN	50	4.68	0.005632	± 2.5	PASS
	HCH	VN	-30	2.63	0.003116	± 2.5	PASS
		VN	-20	1.29	0.001528	± 2.5	PASS
		VN	-10	1.32	0.001564	± 2.5	PASS
		VN	0	0.81	0.000960	± 2.5	PASS
		VN	10	1.91	0.002263	± 2.5	PASS
		VN	20	-1.64	-0.001943	± 2.5	PASS
		VN	30	4.42	0.005237	± 2.5	PASS
		VN	40	1.21	0.001434	± 2.5	PASS
		VN	50	1.29	0.001528	± 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	-0.78	-0.000949	± 2.5	PASS
		VN	TN	1.59	0.001935	± 2.5	PASS
		VH	TN	-1.84	-0.002240	± 2.5	PASS
	MCH	VL	TN	1.08	0.001300	± 2.5	PASS
		VN	TN	1.35	0.001625	± 2.5	PASS
		VH	TN	1.21	0.001456	± 2.5	PASS
	HCH	VL	TN	2.36	0.002805	± 2.5	PASS
		VN	TN	3.98	0.004730	± 2.5	PASS
		VH	TN	0.01	0.000012	± 2.5	PASS
16QAM	LCH	VL	TN	1.79	0.002179	± 2.5	PASS
		VN	TN	-1.28	-0.001558	± 2.5	PASS
		VH	TN	-1.57	-0.001911	± 2.5	PASS
	MCH	VL	TN	-0.84	-0.001011	± 2.5	PASS
		VN	TN	3.37	0.004055	± 2.5	PASS
		VH	TN	2.45	0.002948	± 2.5	PASS
	HCH	VL	TN	4.69	0.005573	± 2.5	PASS
		VN	TN	-1.22	-0.001450	± 2.5	PASS
		VH	TN	-0.76	-0.000903	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.63	0.005636	± 2.5	PASS
		VN	-20	3.5	0.004260	± 2.5	PASS
		VN	-10	3.4	0.004139	± 2.5	PASS
		VN	0	0.25	0.000304	± 2.5	PASS
		VN	10	4.84	0.005892	± 2.5	PASS
		VN	20	0.94	0.001144	± 2.5	PASS
		VN	30	3.43	0.004175	± 2.5	PASS
		VN	40	-1.61	-0.001960	± 2.5	PASS
		VN	50	-0.74	-0.000901	± 2.5	PASS
	MCH	VN	-30	-0.95	-0.001143	± 2.5	PASS
		VN	-20	2.22	0.002671	± 2.5	PASS
		VN	-10	3.61	0.004344	± 2.5	PASS
		VN	0	-0.09	-0.000108	± 2.5	PASS
		VN	10	0.1	0.000120	± 2.5	PASS
		VN	20	2.45	0.002948	± 2.5	PASS

		VN	30	0.53	0.000638	± 2.5	PASS
		VN	40	4.89	0.005884	± 2.5	PASS
		VN	50	2.61	0.003141	± 2.5	PASS
	HCH	VN	-30	3.85	0.004575	± 2.5	PASS
		VN	-20	0.16	0.000190	± 2.5	PASS
		VN	-10	4.39	0.005217	± 2.5	PASS
		VN	0	-1.25	-0.001485	± 2.5	PASS
		VN	10	1.81	0.002151	± 2.5	PASS
		VN	20	-1.06	-0.001260	± 2.5	PASS
		VN	30	3.48	0.004135	± 2.5	PASS
		VN	40	0.17	0.000202	± 2.5	PASS
		VN	50	4.26	0.005062	± 2.5	PASS
16QAM	LCH	VN	-30	4.01	0.004881	± 2.5	PASS
		VN	-20	1.39	0.001692	± 2.5	PASS
		VN	-10	0.2	0.000243	± 2.5	PASS
		VN	0	0.49	0.000596	± 2.5	PASS
		VN	10	0.15	0.000183	± 2.5	PASS
		VN	20	0.22	0.000268	± 2.5	PASS
		VN	30	1.68	0.002045	± 2.5	PASS
		VN	40	4.89	0.005953	± 2.5	PASS
		VN	50	1.26	0.001534	± 2.5	PASS
	MCH	VN	-30	1.75	0.002106	± 2.5	PASS
		VN	-20	1.52	0.001829	± 2.5	PASS
		VN	-10	-1.22	-0.001468	± 2.5	PASS
		VN	0	4.85	0.005836	± 2.5	PASS
		VN	10	-1.84	-0.002214	± 2.5	PASS
		VN	20	-0.54	-0.000650	± 2.5	PASS
		VN	30	-0.43	-0.000517	± 2.5	PASS
		VN	40	2.14	0.002575	± 2.5	PASS
		VN	50	4.66	0.005608	± 2.5	PASS
	HCH	VN	-30	1.75	0.002080	± 2.5	PASS
		VN	-20	0.88	0.001046	± 2.5	PASS
		VN	-10	2.5	0.002971	± 2.5	PASS
		VN	0	-0.09	-0.000107	± 2.5	PASS
		VN	10	3.11	0.003696	± 2.5	PASS
		VN	20	1.06	0.001260	± 2.5	PASS
		VN	30	-1.49	-0.001771	± 2.5	PASS
		VN	40	1.88	0.002234	± 2.5	PASS
		VN	50	3.09	0.003672	± 2.5	PASS