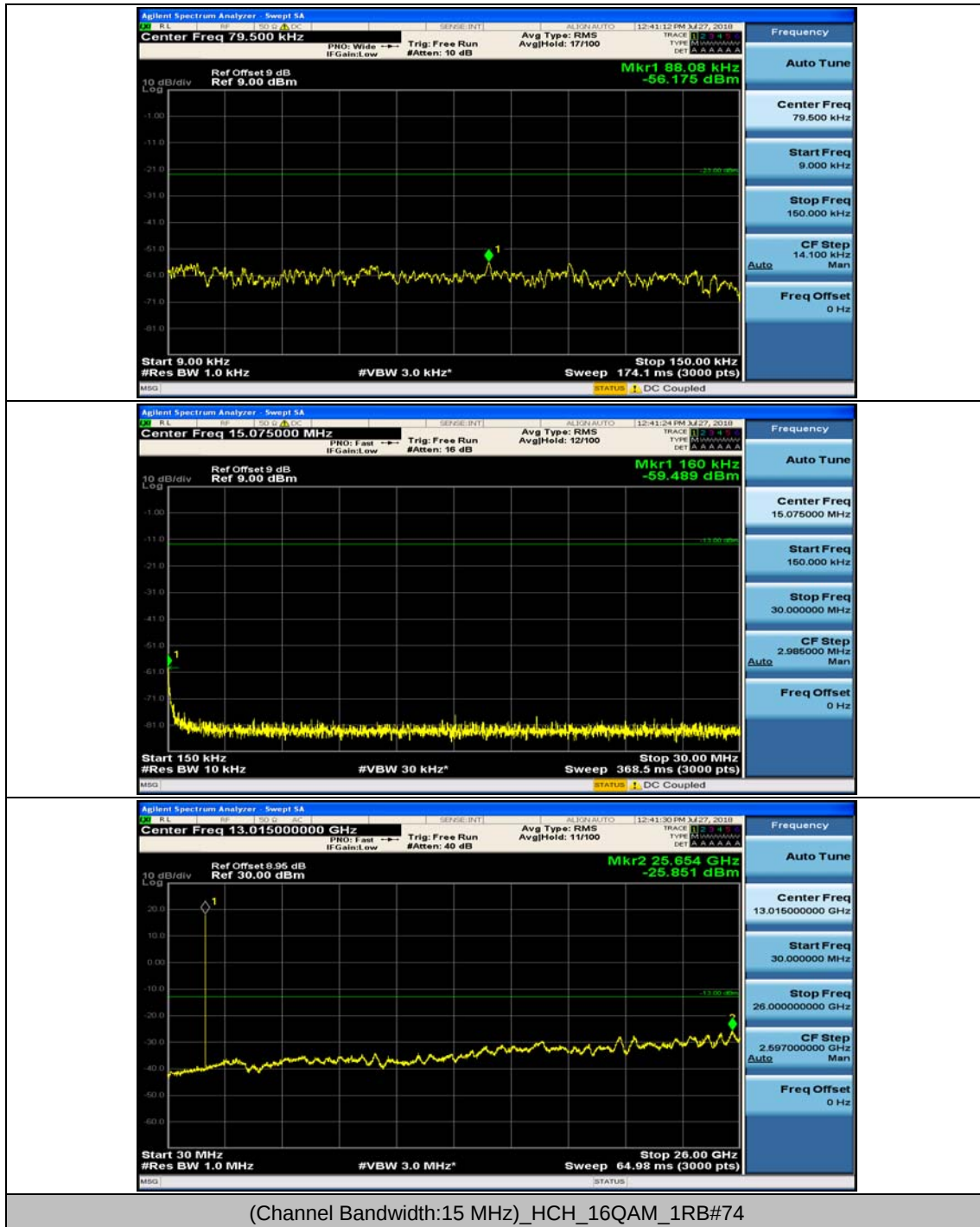
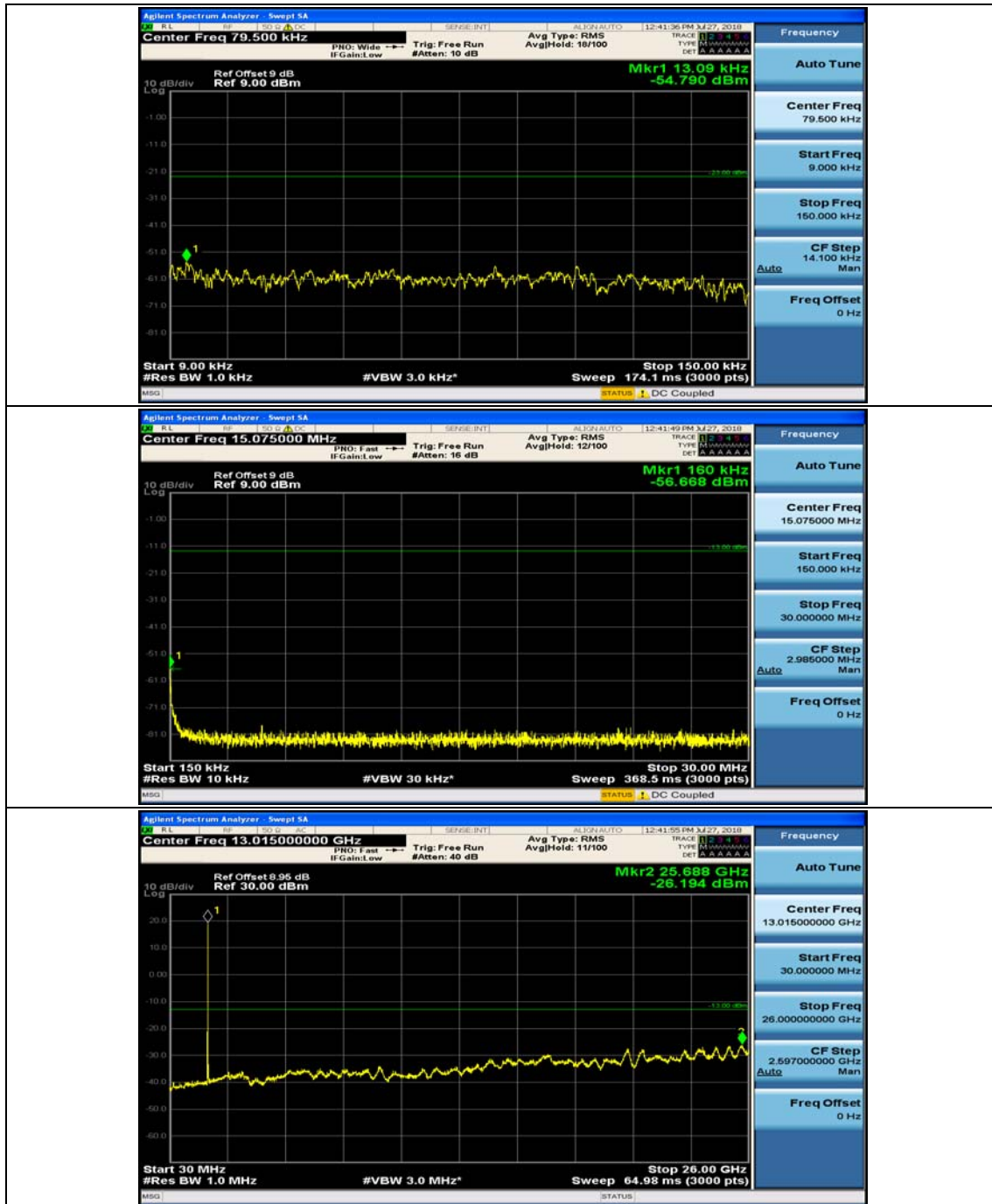
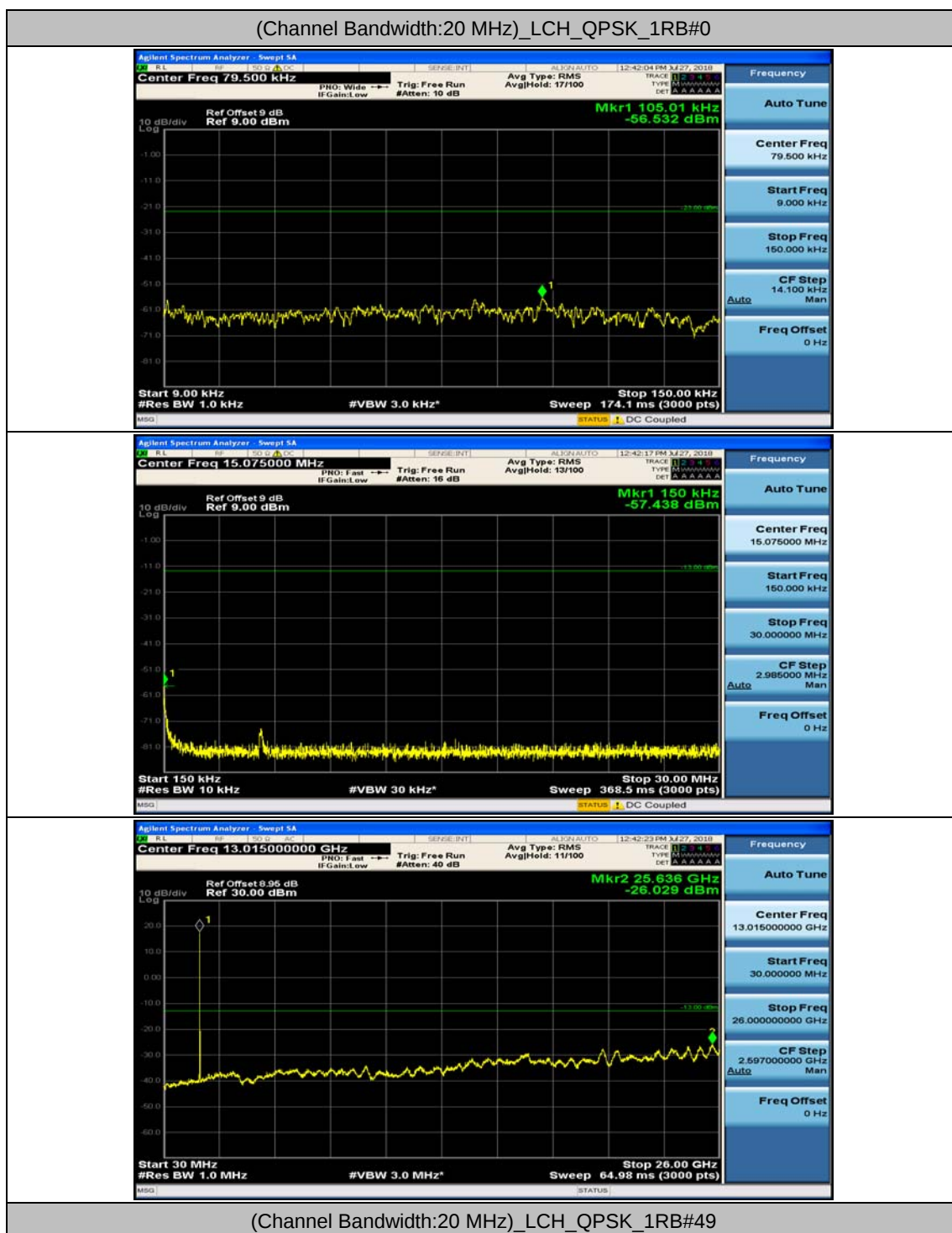
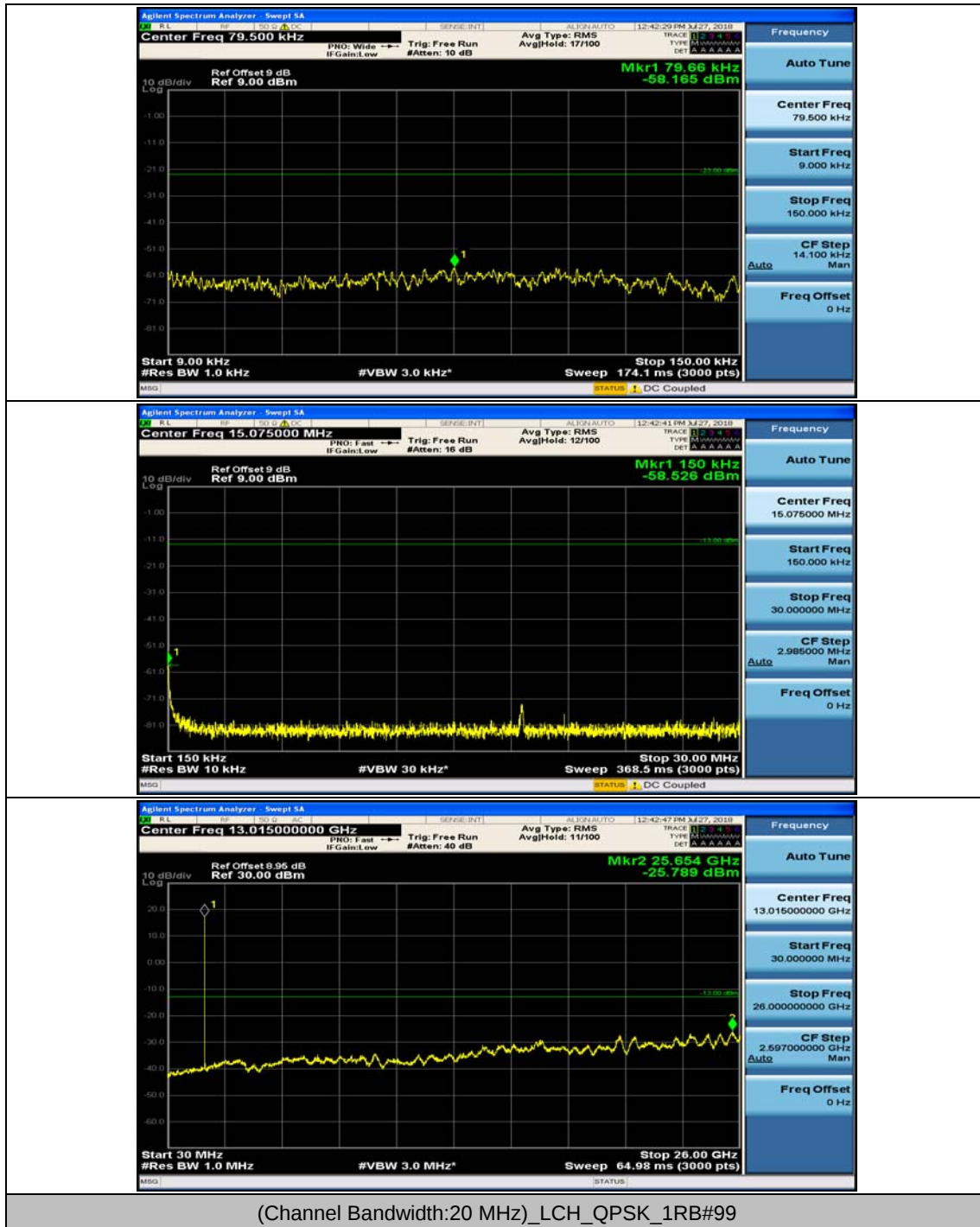


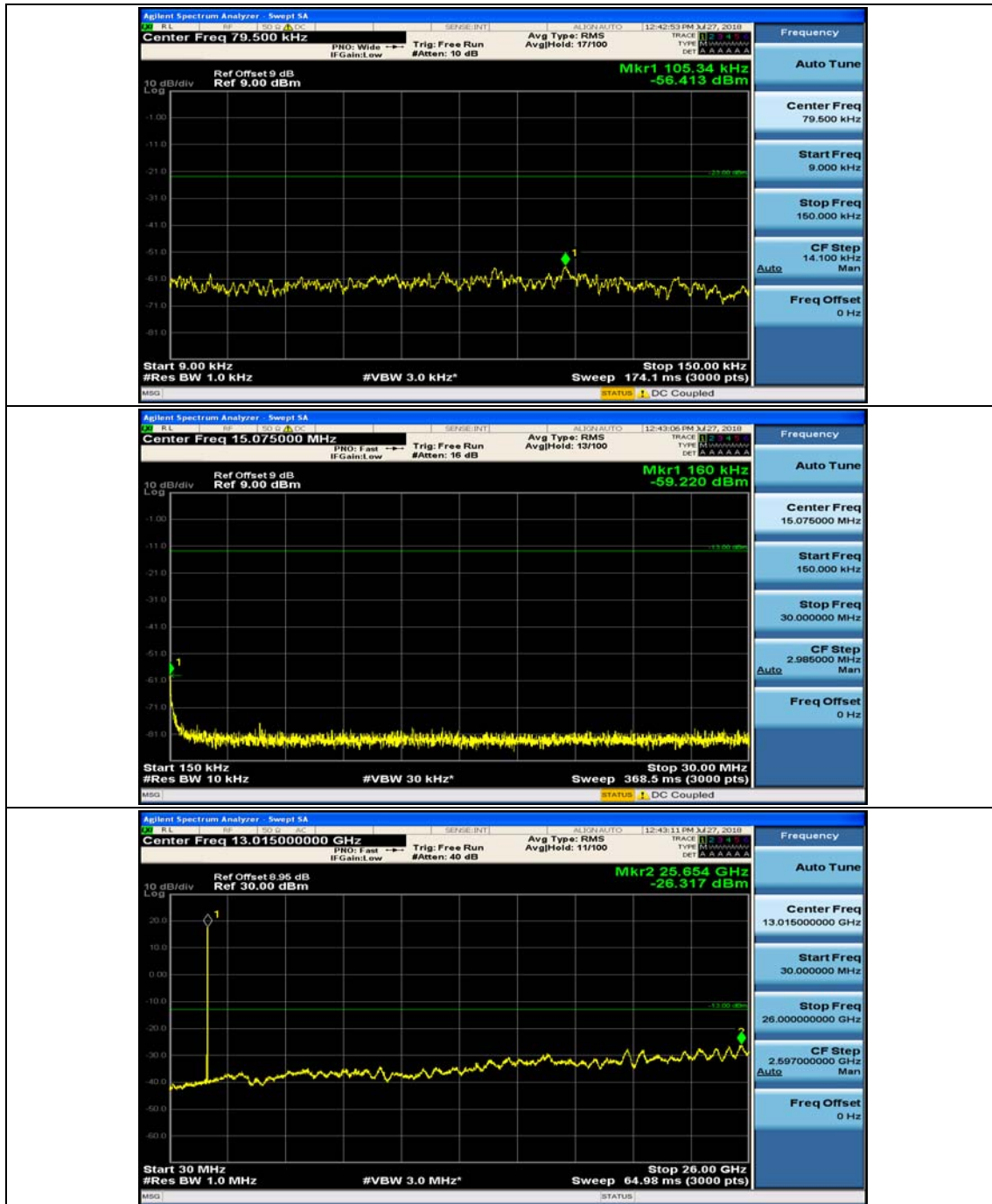




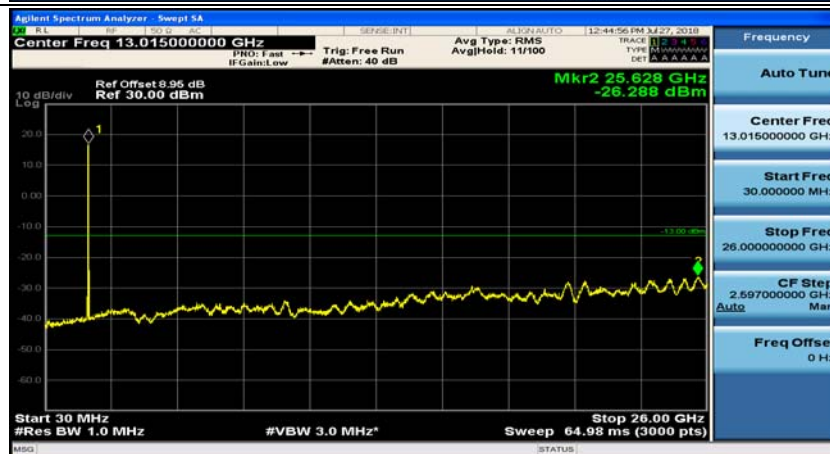
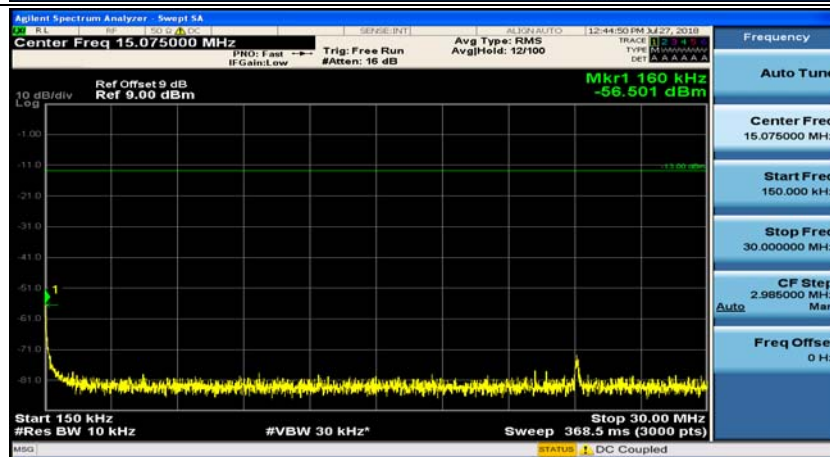
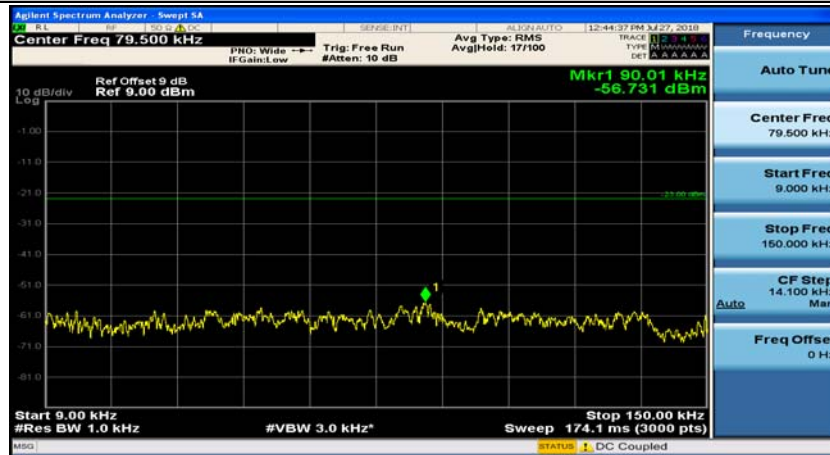
Channel Bandwidth: 20 MHz



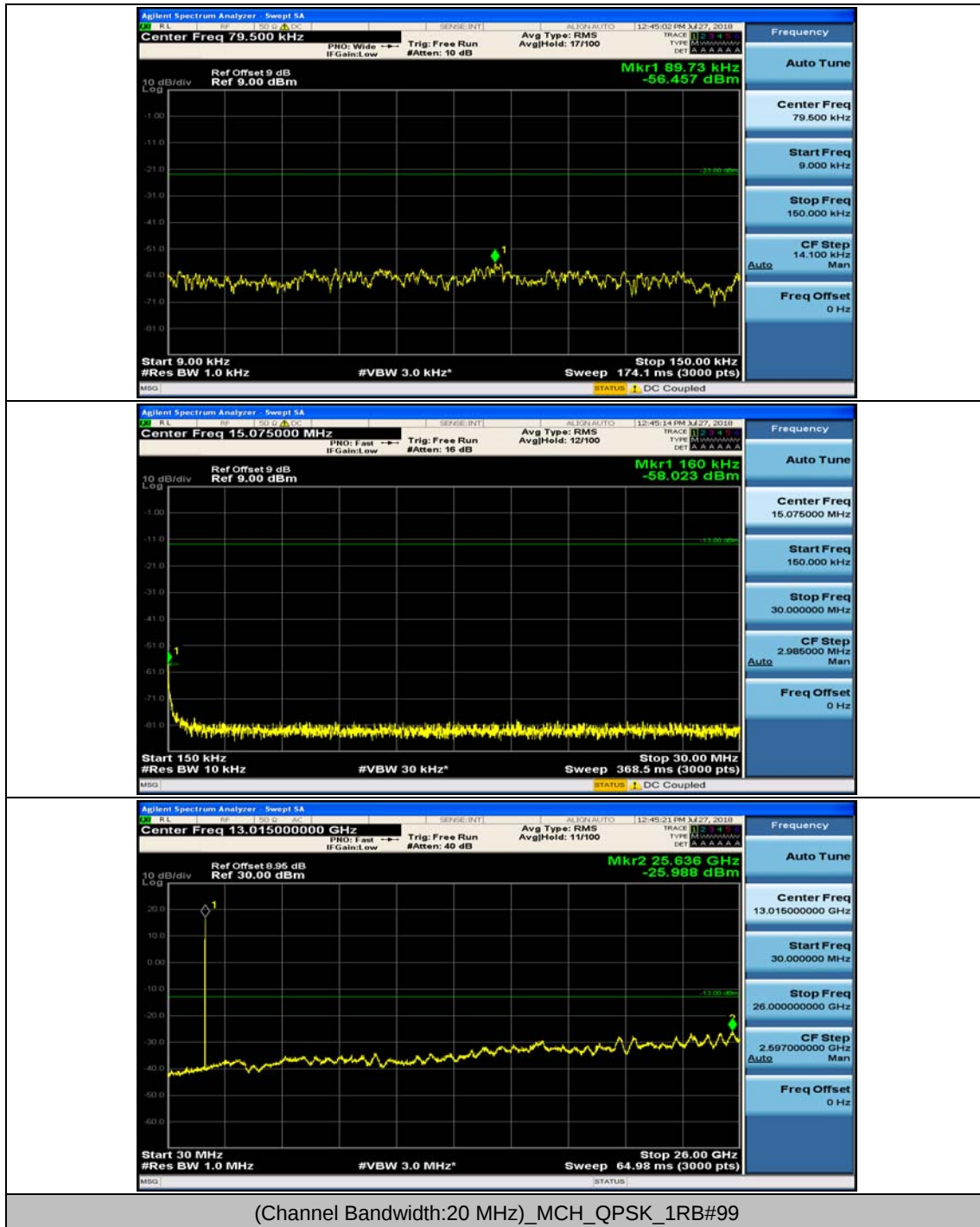


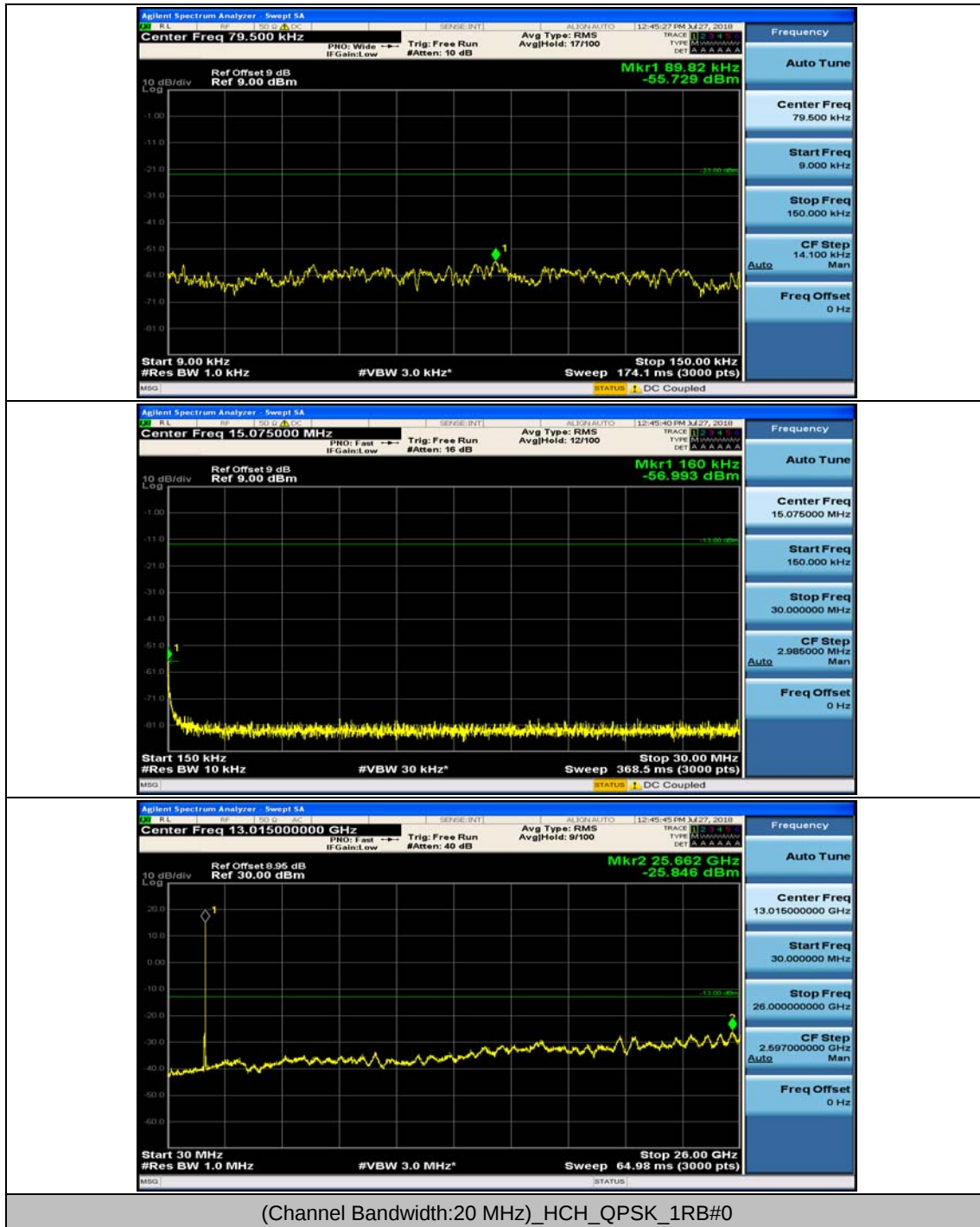


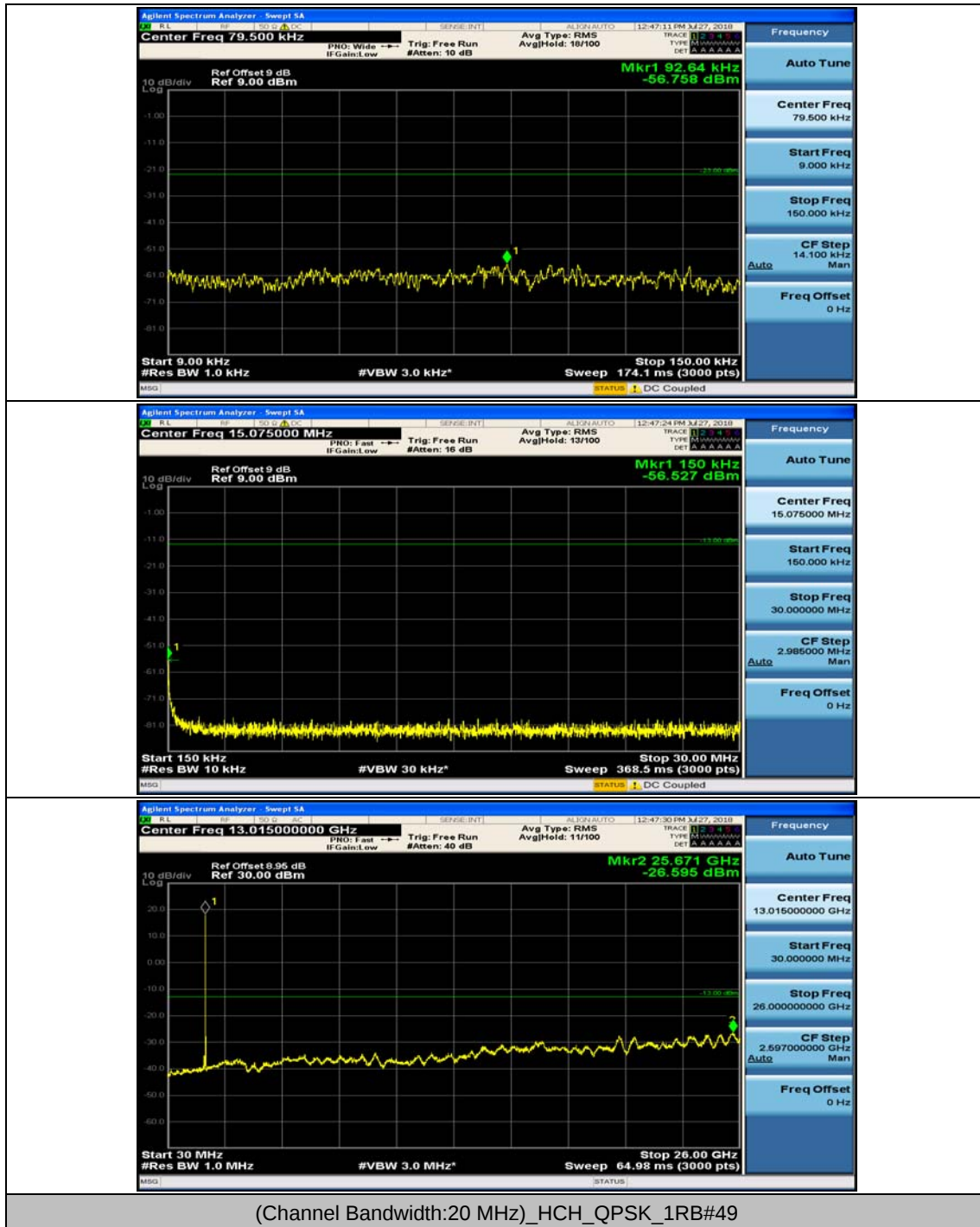
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

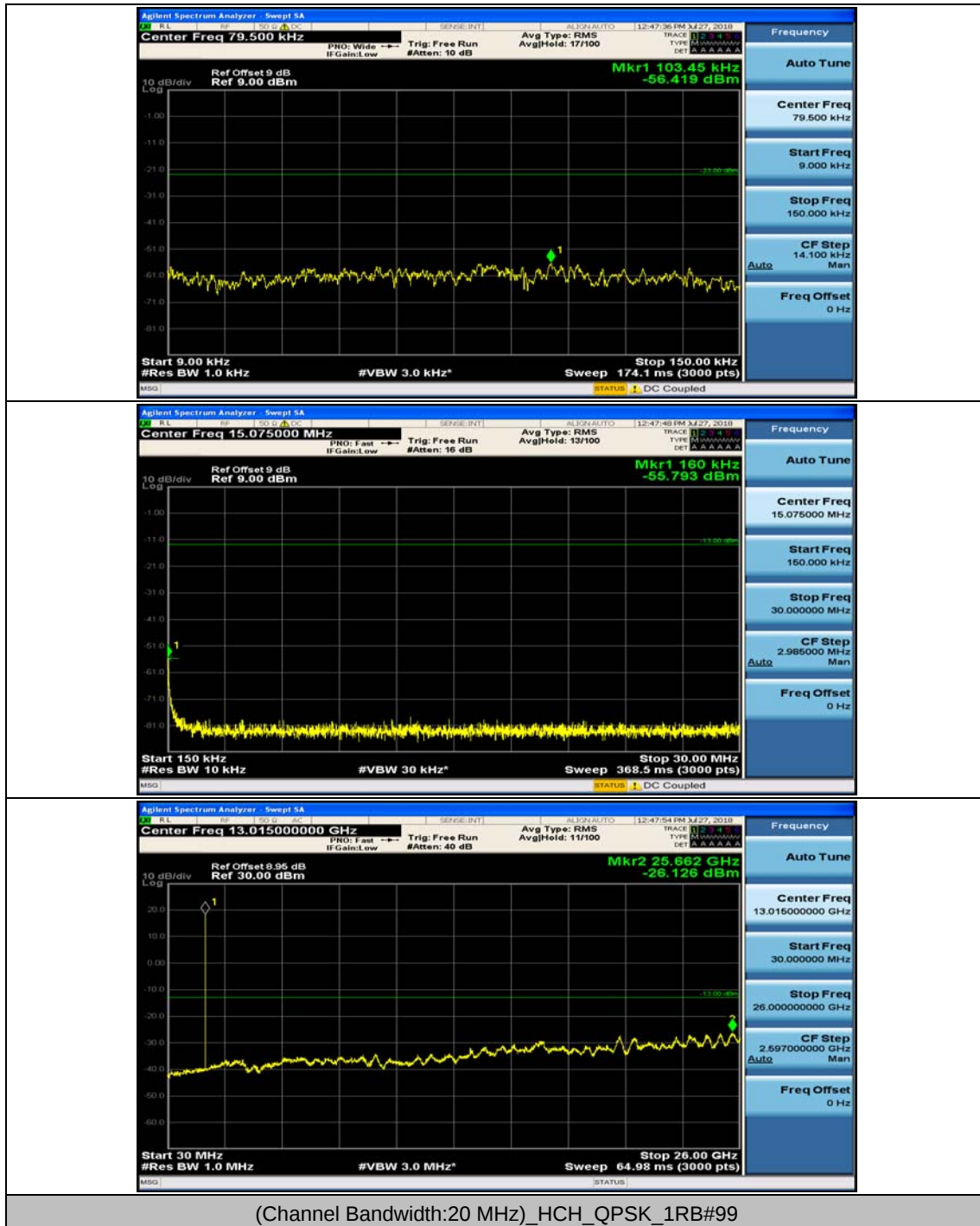


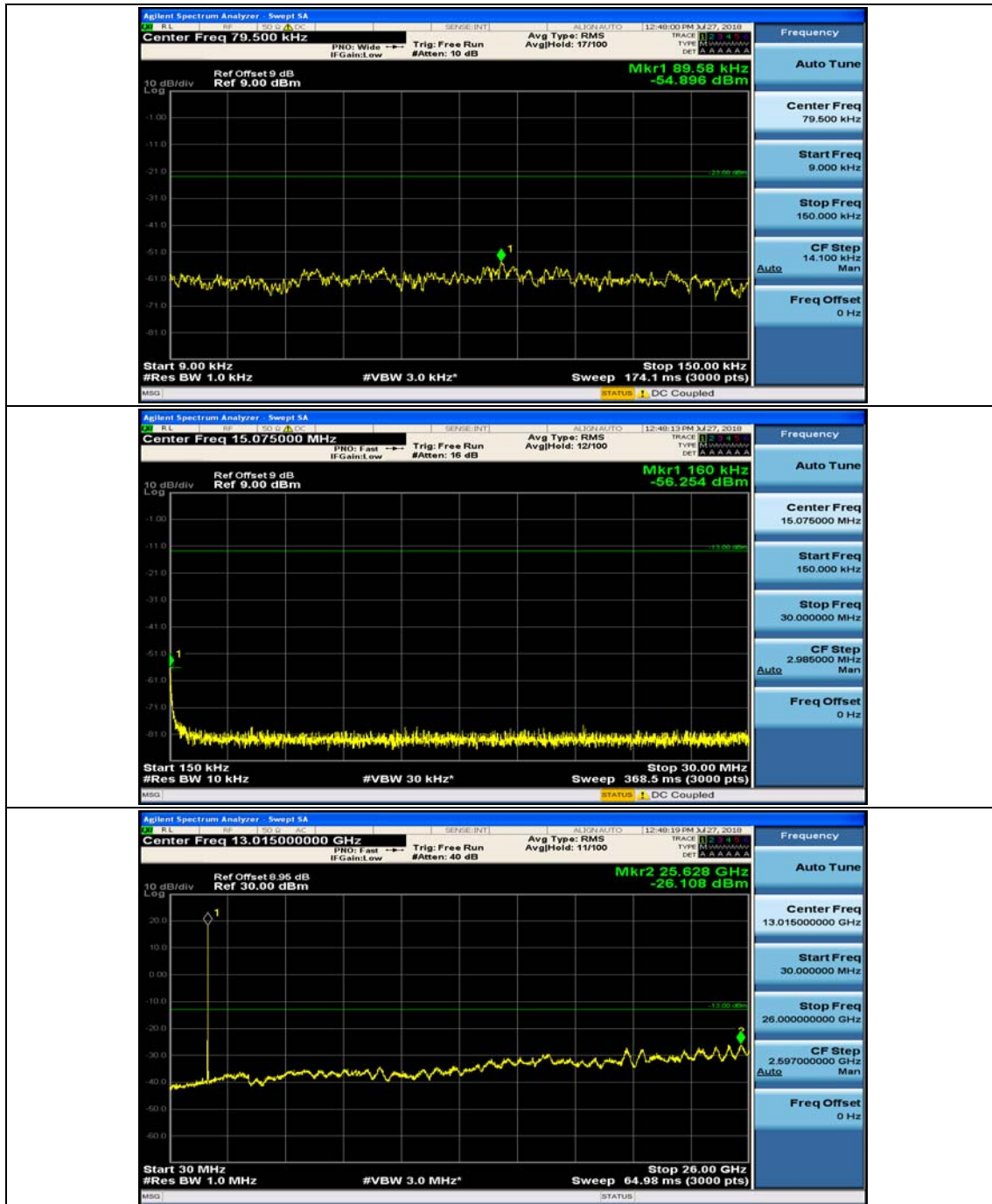
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



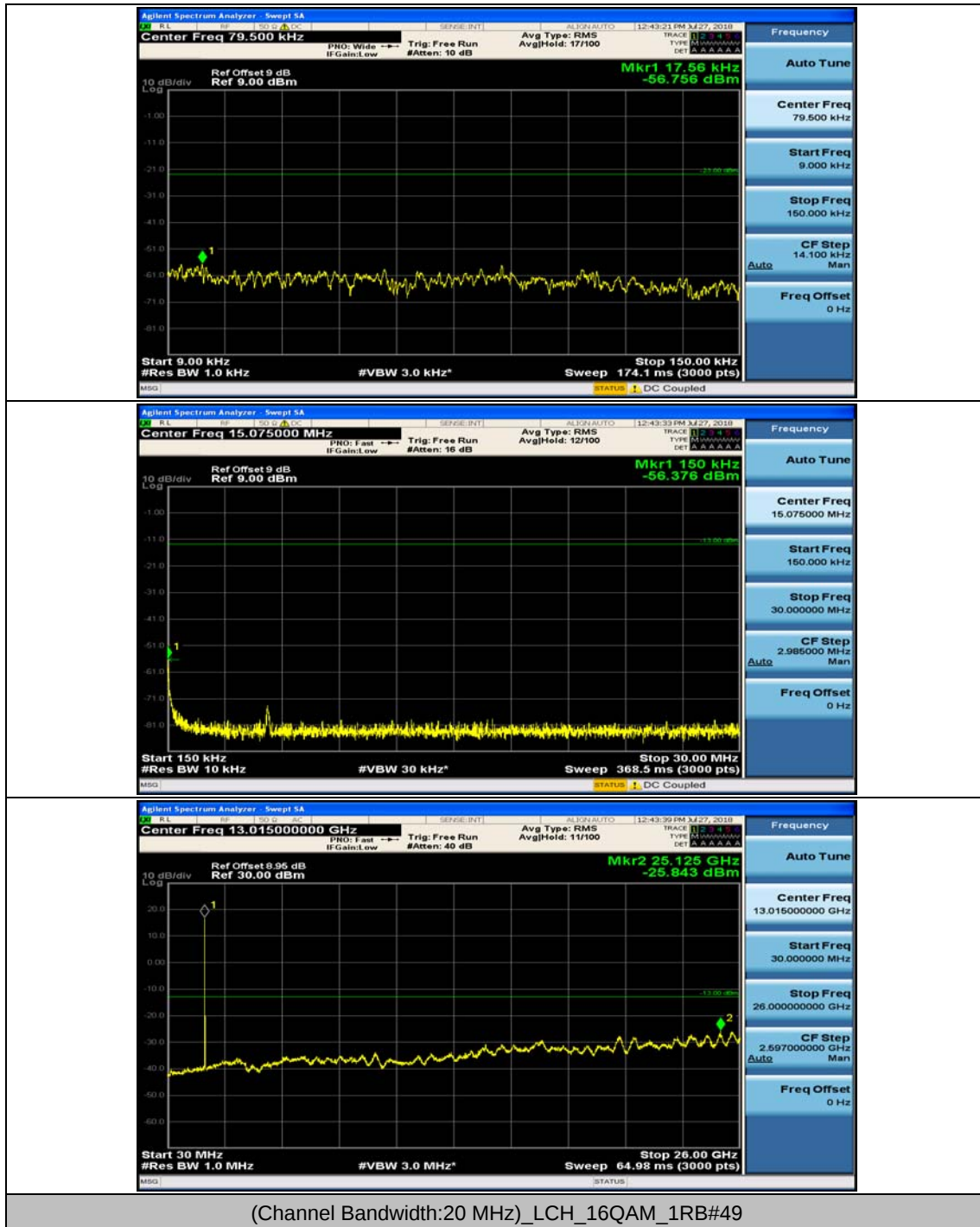


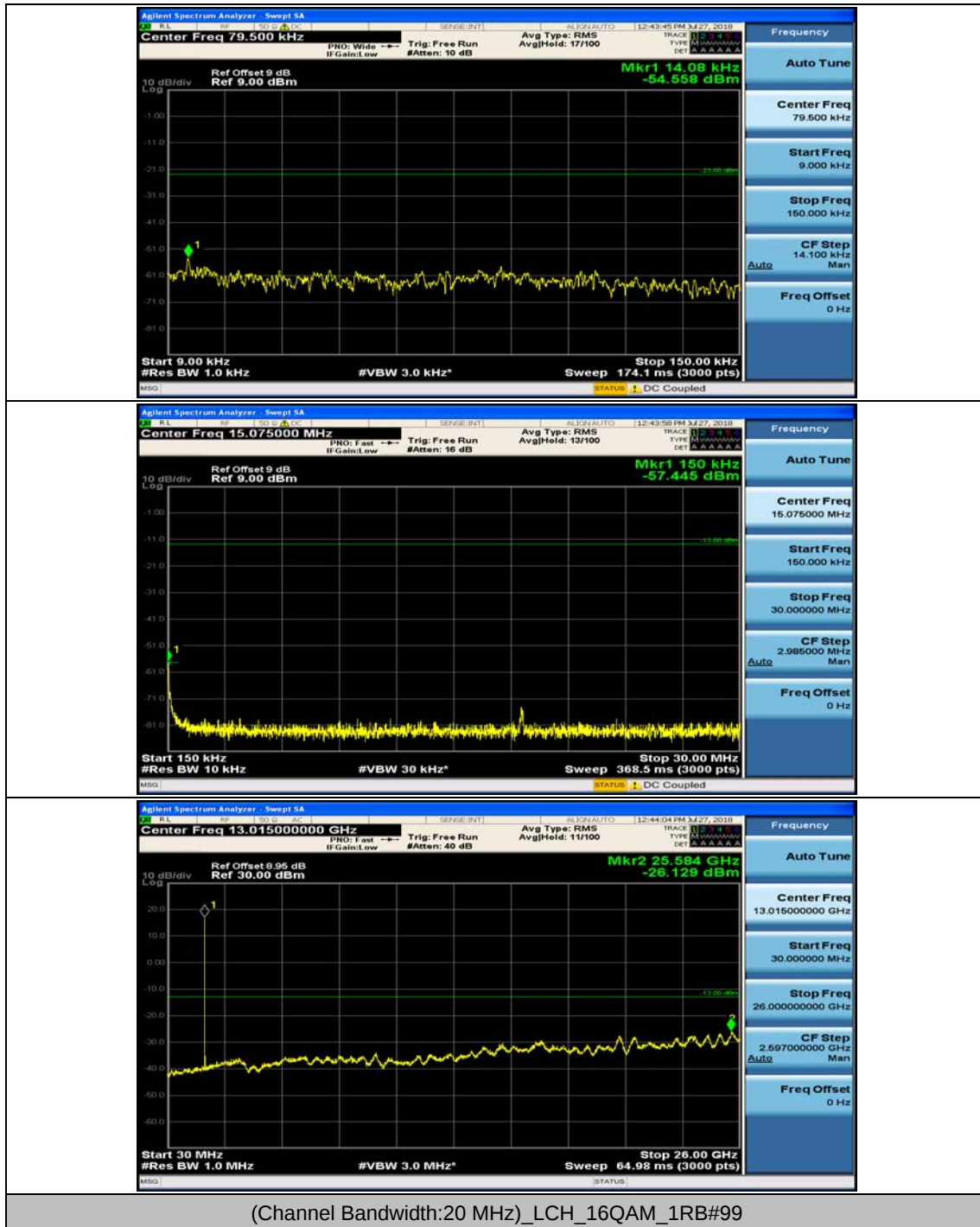


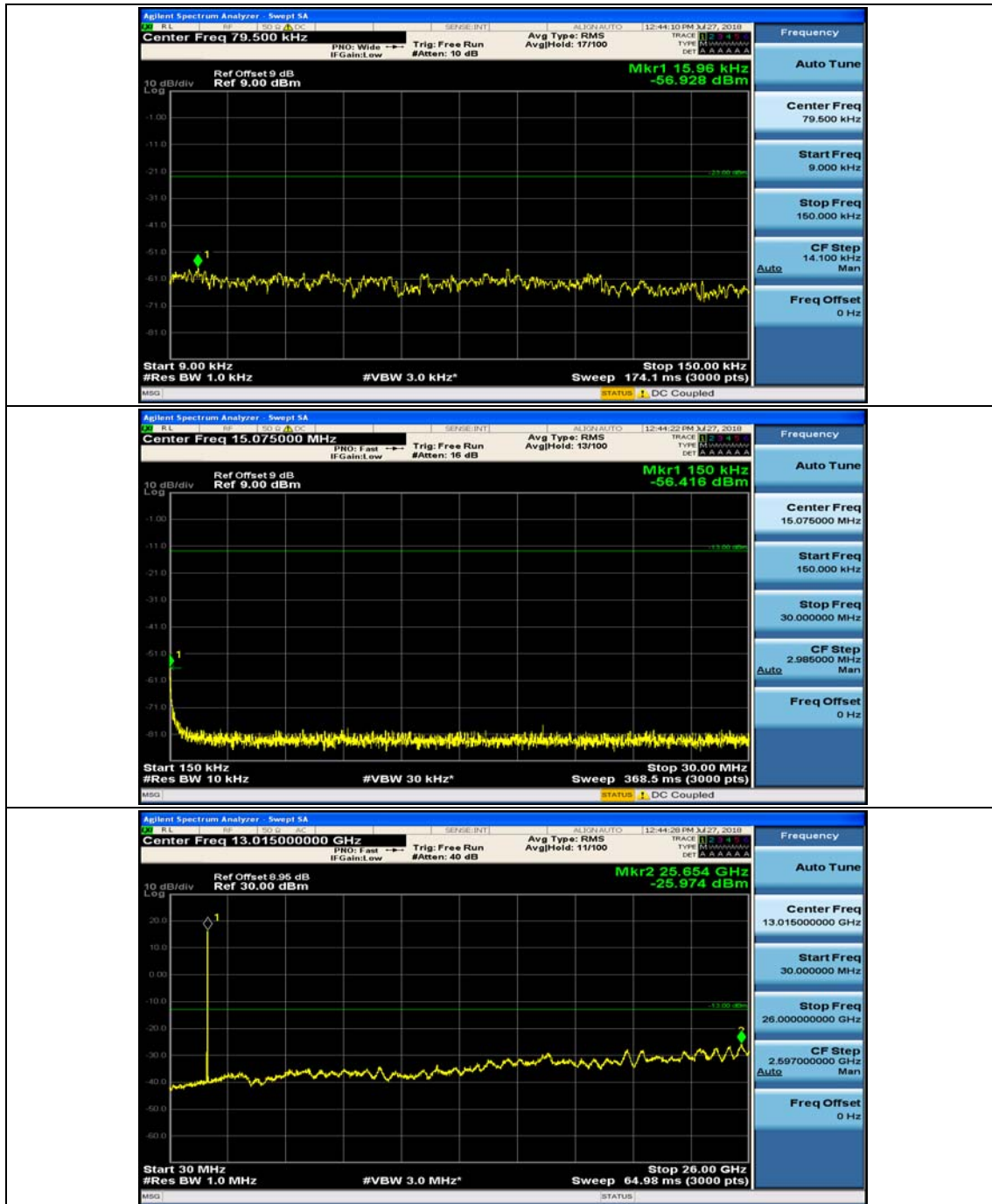




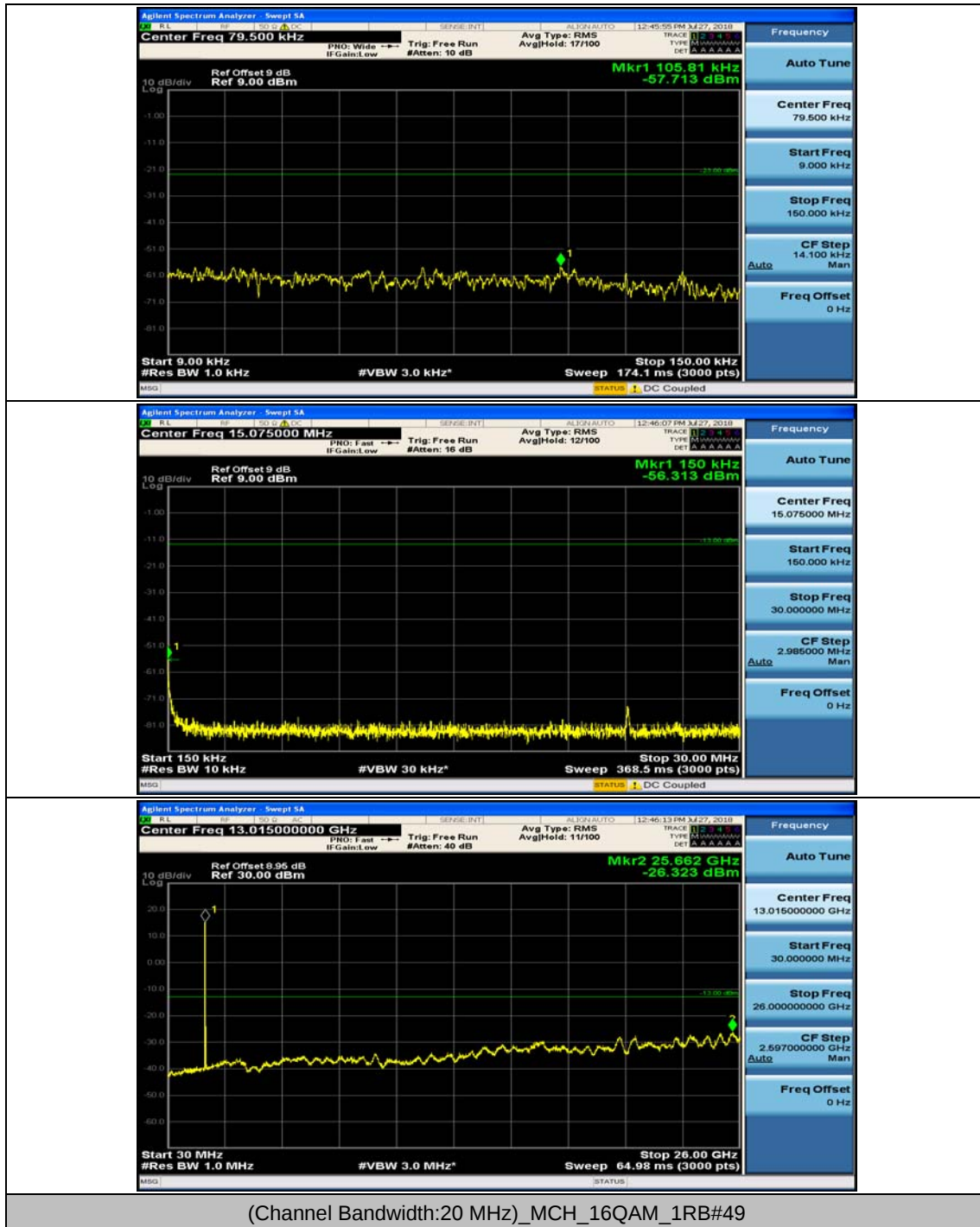
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

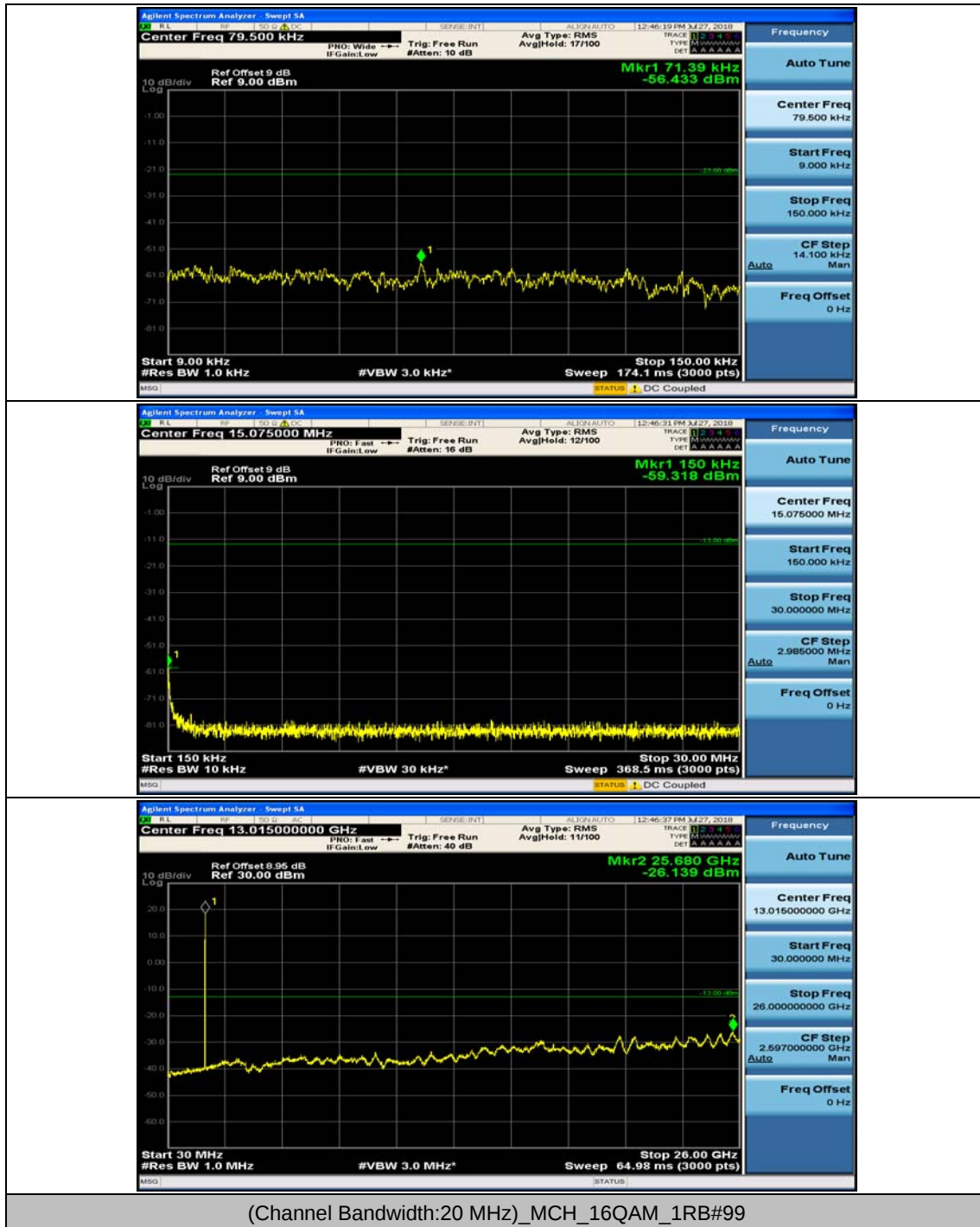


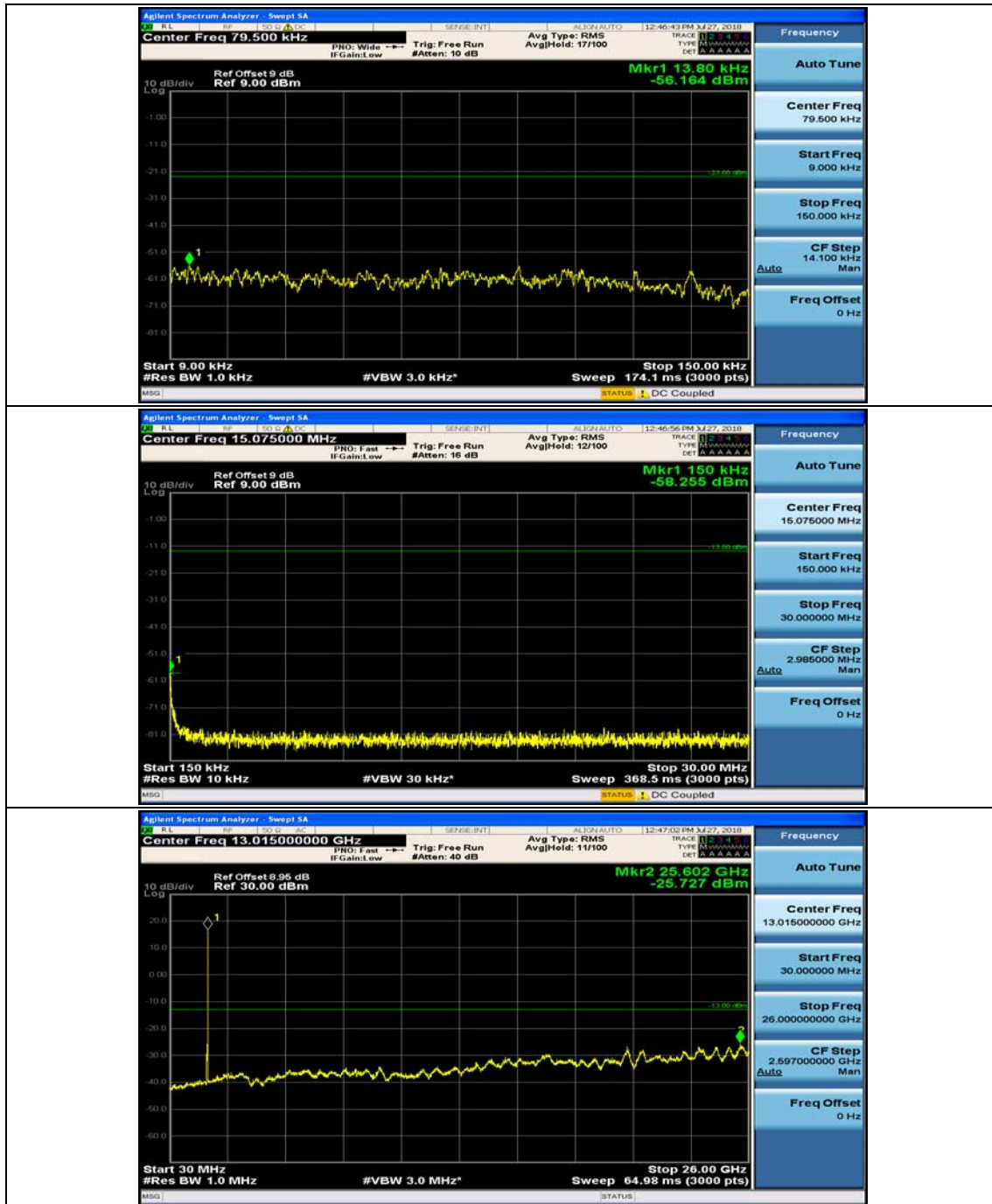




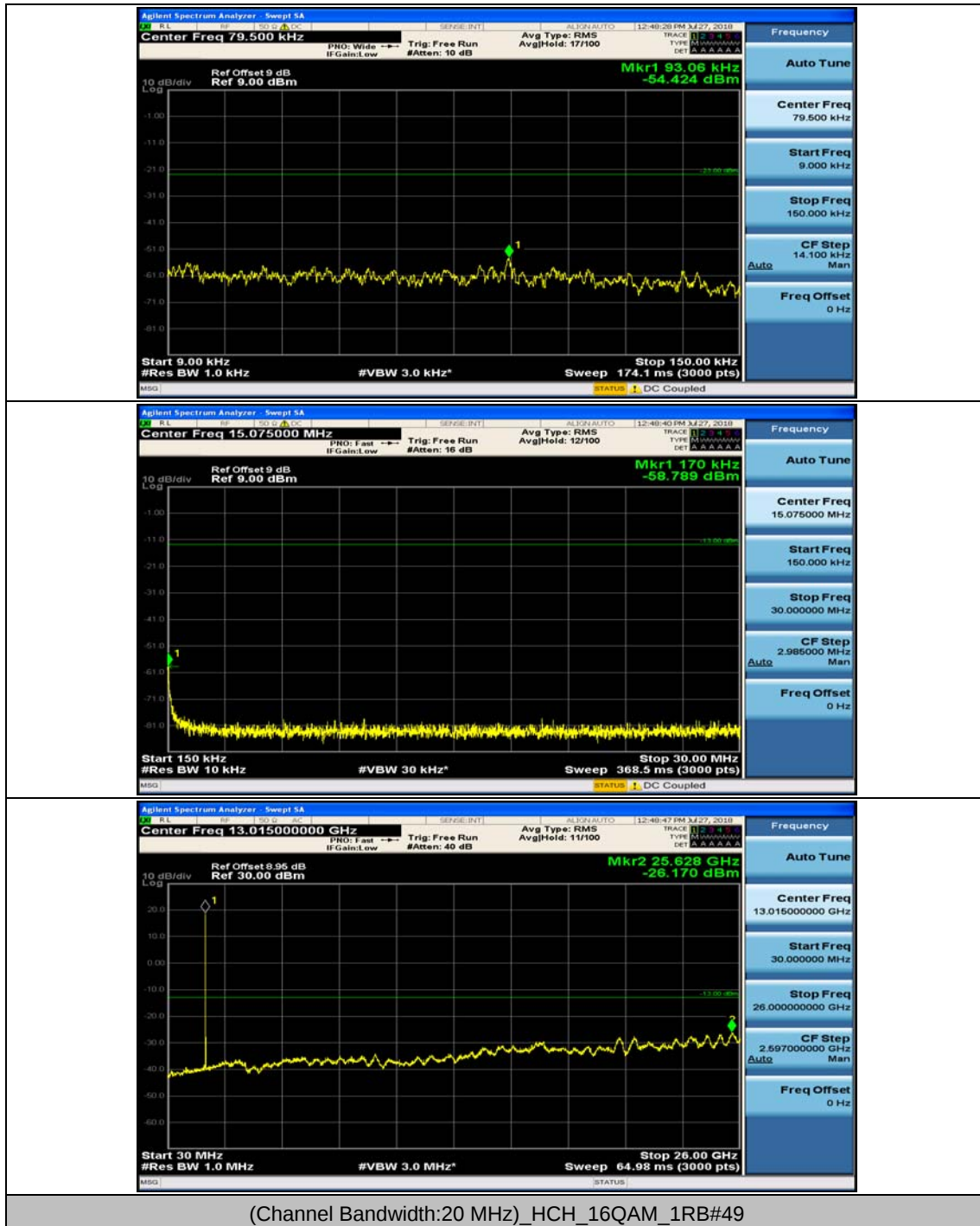
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

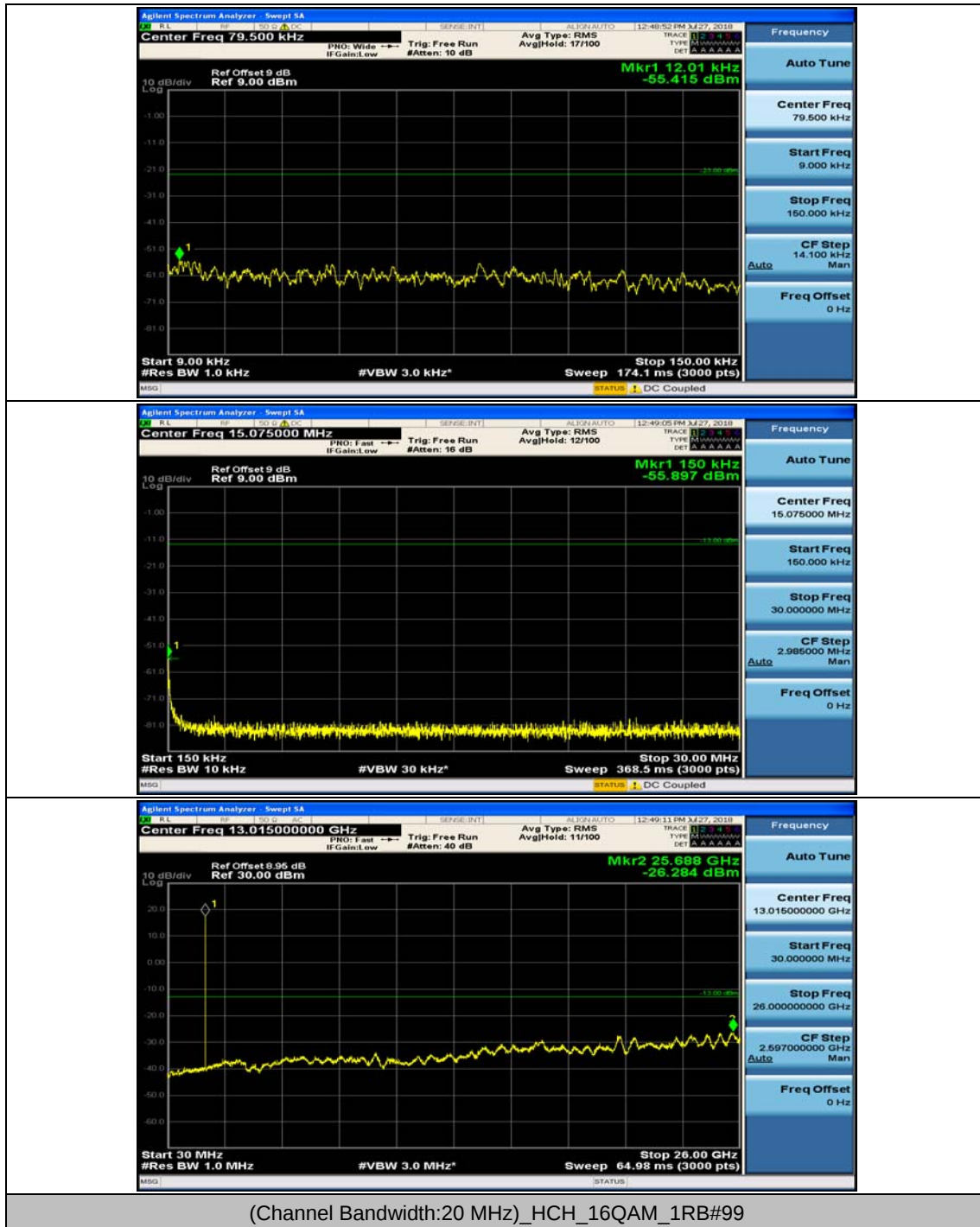


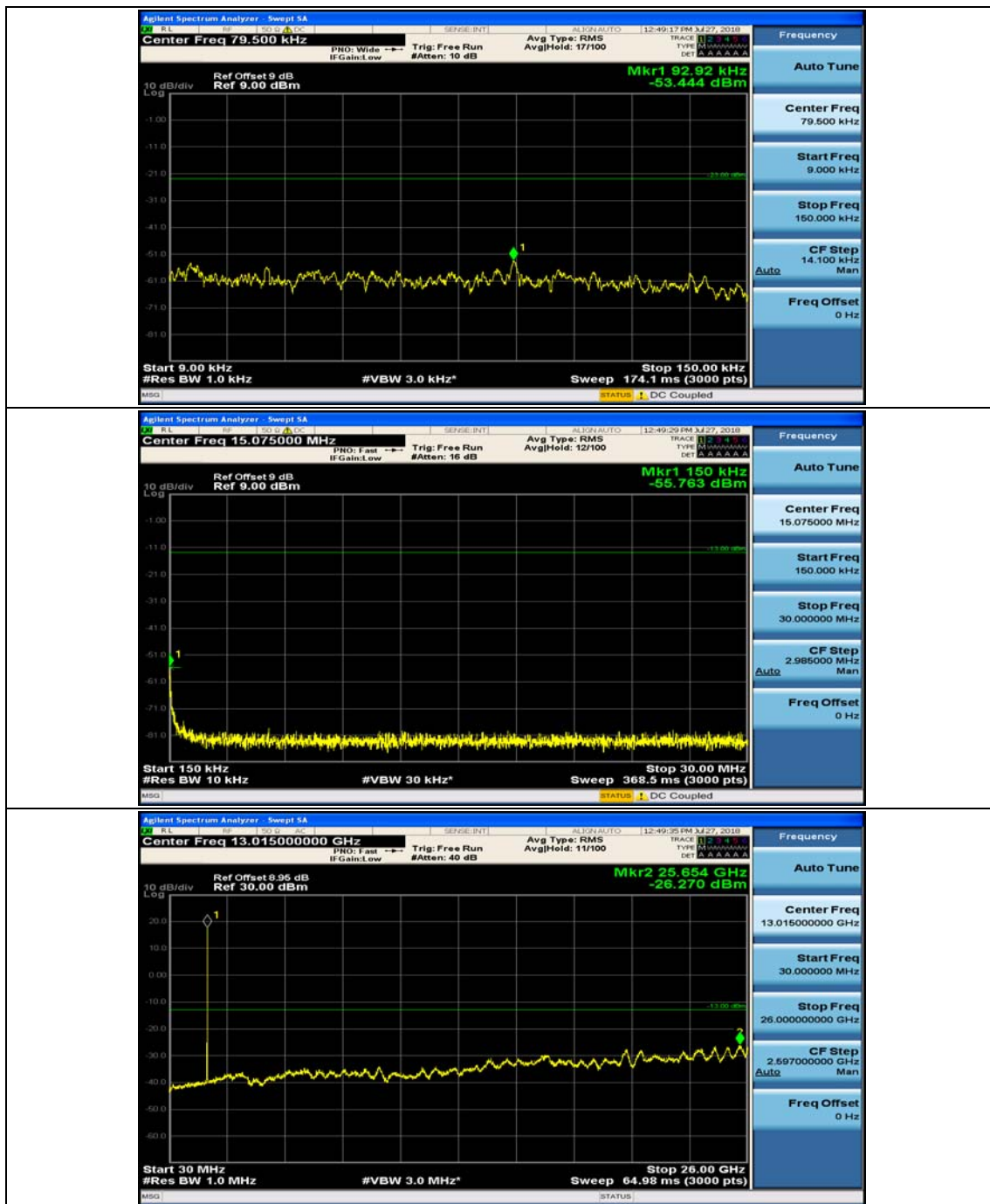




(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0







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	1.4	0.000818	± 2.5	PASS
		VN	TN	-0.71	-0.000415	± 2.5	PASS
		VH	TN	-1.77	-0.001035	± 2.5	PASS
	MCH	VL	TN	2.81	0.001622	± 2.5	PASS
		VN	TN	2.17	0.001253	± 2.5	PASS
		VH	TN	-1.51	-0.000872	± 2.5	PASS
	HCH	VL	TN	4.39	0.002502	± 2.5	PASS
		VN	TN	3.16	0.001801	± 2.5	PASS
		VH	TN	-0.41	-0.000234	± 2.5	PASS
16QAM	LCH	VL	TN	-0.75	-0.000438	± 2.5	PASS
		VN	TN	-0.36	-0.000210	± 2.5	PASS
		VH	TN	-0.74	-0.000433	± 2.5	PASS
	MCH	VL	TN	-0.62	-0.000358	± 2.5	PASS
		VN	TN	1.85	0.001068	± 2.5	PASS
		VH	TN	1.92	0.001108	± 2.5	PASS
	HCH	VL	TN	-1.53	-0.000872	± 2.5	PASS
		VN	TN	1.34	0.000764	± 2.5	PASS
		VH	TN	0.46	0.000262	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.46	0.002023	± 2.5	PASS
		VN	-20	3.74	0.002186	± 2.5	PASS
		VN	-10	1.76	0.001029	± 2.5	PASS
		VN	0	4.74	0.002771	± 2.5	PASS
		VN	10	3.99	0.002332	± 2.5	PASS
		VN	20	0.09	0.000053	± 2.5	PASS
		VN	30	2.89	0.001689	± 2.5	PASS
		VN	40	2.83	0.001654	± 2.5	PASS
		VN	50	3.69	0.002157	± 2.5	PASS
	MCH	VN	-30	-1.15	-0.000664	± 2.5	PASS
		VN	-20	4.7	0.002713	± 2.5	PASS

		VN	-10	-1.95	-0.001126	± 2.5	PASS
		VN	0	2.8	0.001616	± 2.5	PASS
		VN	10	4.42	0.002551	± 2.5	PASS
		VN	20	-0.16	-0.000092	± 2.5	PASS
		VN	30	3.47	0.002003	± 2.5	PASS
		VN	40	4.15	0.002395	± 2.5	PASS
		VN	50	-1.23	-0.000710	± 2.5	PASS
	HCH	VN	-30	4	0.002280	± 2.5	PASS
		VN	-20	3.6	0.002052	± 2.5	PASS
		VN	-10	-0.48	-0.000274	± 2.5	PASS
		VN	0	-1.09	-0.000621	± 2.5	PASS
		VN	10	2.03	0.001157	± 2.5	PASS
		VN	20	3.06	0.001744	± 2.5	PASS
		VN	30	4.26	0.002428	± 2.5	PASS
		VN	40	2.17	0.001237	± 2.5	PASS
		VN	50	-1.1	-0.000627	± 2.5	PASS
16QAM	LCH	VN	-30	-0.94	-0.000549	± 2.5	PASS
		VN	-20	3.94	0.002303	± 2.5	PASS
		VN	-10	0	0.000000	± 2.5	PASS
		VN	0	4.89	0.002858	± 2.5	PASS
		VN	10	-1.73	-0.001011	± 2.5	PASS
		VN	20	-0.89	-0.000520	± 2.5	PASS
		VN	30	4.9	0.002864	± 2.5	PASS
		VN	40	4.51	0.002636	± 2.5	PASS
		VN	50	0.84	0.000491	± 2.5	PASS
	MCH	VN	-30	3.85	0.002195	± 2.5	PASS
		VN	-20	0.99	0.000564	± 2.5	PASS
		VN	-10	3.08	0.001756	± 2.5	PASS
		VN	0	2.57	0.001465	± 2.5	PASS
		VN	10	-0.45	-0.000257	± 2.5	PASS
		VN	20	1.7	0.000969	± 2.5	PASS
		VN	30	4.36	0.002485	± 2.5	PASS
		VN	40	2.99	0.001704	± 2.5	PASS
		VN	50	-1.1	-0.000627	± 2.5	PASS
	HCH	VN	-30	4.02	0.002292	± 2.5	PASS
		VN	-20	-0.64	-0.000365	± 2.5	PASS
		VN	-10	-0.11	-0.000063	± 2.5	PASS
		VN	0	2.64	0.001505	± 2.5	PASS
		VN	10	3.84	0.002189	± 2.5	PASS
		VN	20	-0.64	-0.000365	± 2.5	PASS
		VN	30	3.27	0.001864	± 2.5	PASS

		VN	40	0.68	0.000388	± 2.5	PASS
		VN	50	-1.88	-0.001072	± 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	-1.64	-0.000958	± 2.5	PASS
		VN	TN	4.31	0.002518	± 2.5	PASS
		VH	TN	2.45	0.001431	± 2.5	PASS
	MCH	VL	TN	4.64	0.002678	± 2.5	PASS
		VN	TN	-1.21	-0.000698	± 2.5	PASS
		VH	TN	3.24	0.001870	± 2.5	PASS
	HCH	VL	TN	-0.76	-0.000433	± 2.5	PASS
		VN	TN	1.56	0.000890	± 2.5	PASS
		VH	TN	0.23	0.000131	± 2.5	PASS
16QAM	LCH	VL	TN	0.67	0.000391	± 2.5	PASS
		VN	TN	0.39	0.000228	± 2.5	PASS
		VH	TN	1.85	0.001081	± 2.5	PASS
	MCH	VL	TN	-1.58	-0.000912	± 2.5	PASS
		VN	TN	3.24	0.001870	± 2.5	PASS
		VH	TN	3.1	0.001789	± 2.5	PASS
	HCH	VL	TN	4.44	0.002532	± 2.5	PASS
		VN	TN	-1.54	-0.000878	± 2.5	PASS
		VH	TN	0.51	0.000291	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.58	-0.000339	± 2.5	PASS
		VN	-20	0.1	0.000058	± 2.5	PASS
		VN	-10	4.74	0.002770	± 2.5	PASS
		VN	0	0.7	0.000409	± 2.5	PASS
		VN	10	2.33	0.001361	± 2.5	PASS
		VN	20	3.53	0.002063	± 2.5	PASS
		VN	30	2.76	0.001613	± 2.5	PASS
		VN	40	-1.47	-0.000859	± 2.5	PASS
		VN	50	3.38	0.001975	± 2.5	PASS
	MCH	VN	-30	-0.86	-0.000496	± 2.5	PASS
		VN	-20	1.62	0.000935	± 2.5	PASS
		VN	-10	0.51	0.000294	± 2.5	PASS

		VN	0	0.66	0.000381	± 2.5	PASS
		VN	10	-1.31	-0.000756	± 2.5	PASS
		VN	20	2.13	0.001229	± 2.5	PASS
		VN	30	2.41	0.001391	± 2.5	PASS
		VN	40	2.88	0.001662	± 2.5	PASS
		VN	50	0.4	0.000231	± 2.5	PASS
	HCH	VN	-30	-0.05	-0.000029	± 2.5	PASS
		VN	-20	0.64	0.000365	± 2.5	PASS
		VN	-10	-1.4	-0.000798	± 2.5	PASS
		VN	0	-1.6	-0.000912	± 2.5	PASS
		VN	10	-1.2	-0.000684	± 2.5	PASS
		VN	20	2.03	0.001158	± 2.5	PASS
		VN	30	2.02	0.001152	± 2.5	PASS
		VN	40	3.32	0.001893	± 2.5	PASS
		VN	50	4.98	0.002840	± 2.5	PASS
QPSK	LCH	VN	-30	0.13	0.000075	± 2.5	PASS
		VN	-20	4	0.002309	± 2.5	PASS
		VN	-10	1.94	0.001120	± 2.5	PASS
		VN	0	-0.96	-0.000554	± 2.5	PASS
		VN	10	-1.67	-0.000964	± 2.5	PASS
		VN	20	-1.08	-0.000623	± 2.5	PASS
		VN	30	2.08	0.001201	± 2.5	PASS
		VN	40	0.09	0.000052	± 2.5	PASS
		VN	50	-0.57	-0.000329	± 2.5	PASS
	MCH	VN	-30	0.38	0.000217	± 2.5	PASS
		VN	-20	3.34	0.001905	± 2.5	PASS
		VN	-10	1.21	0.000690	± 2.5	PASS
		VN	0	3.41	0.001945	± 2.5	PASS
		VN	10	-0.9	-0.000513	± 2.5	PASS
		VN	20	3.17	0.001808	± 2.5	PASS
		VN	30	0.54	0.000308	± 2.5	PASS
		VN	40	3.37	0.001922	± 2.5	PASS
		VN	50	2.9	0.001654	± 2.5	PASS
	HCH	VN	-30	-0.32	-0.000182	± 2.5	PASS
		VN	-20	3.36	0.001916	± 2.5	PASS
		VN	-10	-0.24	-0.000137	± 2.5	PASS
		VN	0	2.65	0.001511	± 2.5	PASS
		VN	10	1.44	0.000821	± 2.5	PASS
		VN	20	-1.82	-0.001038	± 2.5	PASS
		VN	30	-1.53	-0.000873	± 2.5	PASS
		VN	40	-0.08	-0.000046	± 2.5	PASS

		VN	50	0.65	0.000371	± 2.5	PASS
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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	-0.35	-0.000204	± 2.5	PASS
		VN	TN	3.15	0.001839	± 2.5	PASS
		VH	TN	-0.48	-0.000280	± 2.5	PASS
	MCH	VL	TN	-0.33	-0.000190	± 2.5	PASS
		VN	TN	2.28	0.001316	± 2.5	PASS
		VH	TN	3.18	0.001835	± 2.5	PASS
	HCH	VL	TN	3.98	0.002271	± 2.5	PASS
		VN	TN	2.68	0.001529	± 2.5	PASS
		VH	TN	-1.47	-0.000839	± 2.5	PASS
16QAM	LCH	VL	TN	0.28	0.000164	± 2.5	PASS
		VN	TN	2.7	0.001577	± 2.5	PASS
		VH	TN	-1.47	-0.000858	± 2.5	PASS
	MCH	VL	TN	4.12	0.002378	± 2.5	PASS
		VN	TN	0.42	0.000242	± 2.5	PASS
		VH	TN	2.7	0.001558	± 2.5	PASS
	HCH	VL	TN	-0.66	-0.000377	± 2.5	PASS
		VN	TN	1.3	0.000742	± 2.5	PASS
		VH	TN	1.17	0.000668	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.12	0.000070	± 2.5	PASS
		VN	-20	-1.82	-0.001063	± 2.5	PASS
		VN	-10	-1.34	-0.000782	± 2.5	PASS
		VN	0	3.34	0.001950	± 2.5	PASS
		VN	10	2.45	0.001431	± 2.5	PASS
		VN	20	2.41	0.001407	± 2.5	PASS
		VN	30	0.1	0.000058	± 2.5	PASS
		VN	40	4.09	0.002388	± 2.5	PASS
		VN	50	-1.89	-0.001104	± 2.5	PASS
	MCH	VN	-30	0.21	0.000121	± 2.5	PASS
		VN	-20	3.68	0.002124	± 2.5	PASS
		VN	-10	-1.03	-0.000595	± 2.5	PASS
		VN	0	3.03	0.001749	± 2.5	PASS

		VN	10	2.05	0.001183	± 2.5	PASS
		VN	20	1.44	0.000831	± 2.5	PASS
		VN	30	3.17	0.001830	± 2.5	PASS
		VN	40	0.95	0.000548	± 2.5	PASS
		VN	50	4.08	0.002355	± 2.5	PASS
	HCH	VN	-30	3.91	0.002231	± 2.5	PASS
		VN	-20	-1.86	-0.000975	± 2.5	PASS
		VN	-10	0.37	0.000194	± 2.5	PASS
		VN	0	3.79	0.001987	± 2.5	PASS
		VN	10	-1.67	-0.000875	± 2.5	PASS
		VN	20	2.92	0.001531	± 2.5	PASS
		VN	30	-0.12	-0.000063	± 2.5	PASS
		VN	40	2.25	0.001180	± 2.5	PASS
		VN	50	1.82	0.000954	± 2.5	PASS
16QAM	LCH	VN	-30	3.43	0.001980	± 2.5	PASS
		VN	-20	0.39	0.000225	± 2.5	PASS
		VN	-10	1.67	0.000964	± 2.5	PASS
		VN	0	0.98	0.000566	± 2.5	PASS
		VN	10	0.86	0.000496	± 2.5	PASS
		VN	20	1.28	0.000739	± 2.5	PASS
		VN	30	0.43	0.000248	± 2.5	PASS
		VN	40	-1.02	-0.000589	± 2.5	PASS
		VN	50	1.16	0.000670	± 2.5	PASS
	MCH	VN	-30	-1.25	-0.000713	± 2.5	PASS
		VN	-20	-0.5	-0.000285	± 2.5	PASS
		VN	-10	2.07	0.001181	± 2.5	PASS
		VN	0	-1.78	-0.001016	± 2.5	PASS
		VN	10	1.7	0.000970	± 2.5	PASS
		VN	20	0.32	0.000183	± 2.5	PASS
		VN	30	3.16	0.001803	± 2.5	PASS
		VN	40	4.74	0.002705	± 2.5	PASS
		VN	50	-1.92	-0.001096	± 2.5	PASS
	HCH	VN	-30	0.65	0.000341	± 2.5	PASS
		VN	-20	1.77	0.000928	± 2.5	PASS
		VN	-10	3.8	0.001992	± 2.5	PASS
		VN	0	0.16	0.000084	± 2.5	PASS
		VN	10	4.92	0.002579	± 2.5	PASS
		VN	20	4.87	0.002553	± 2.5	PASS
		VN	30	4.52	0.002370	± 2.5	PASS
		VN	40	4.47	0.002343	± 2.5	PASS
		VN	50	0.75	0.000393	± 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	4.38	0.002554	± 2.5	PASS
		VN	TN	-0.7	-0.000408	± 2.5	PASS
		VH	TN	0.68	0.000397	± 2.5	PASS
	MCH	VL	TN	4.25	0.002453	± 2.5	PASS
		VN	TN	-1.93	-0.001114	± 2.5	PASS
		VH	TN	2.38	0.001374	± 2.5	PASS
	HCH	VL	TN	-1.57	-0.000897	± 2.5	PASS
		VN	TN	-1.59	-0.000909	± 2.5	PASS
		VH	TN	4.38	0.002503	± 2.5	PASS
16QAM	LCH	VL	TN	-1.94	-0.001131	± 2.5	PASS
		VN	TN	1.79	0.001044	± 2.5	PASS
		VH	TN	1.7	0.000991	± 2.5	PASS
	MCH	VL	TN	2.68	0.001547	± 2.5	PASS
		VN	TN	3.11	0.001795	± 2.5	PASS
		VH	TN	1.98	0.001143	± 2.5	PASS
	HCH	VL	TN	4.53	0.002589	± 2.5	PASS
		VN	TN	-0.17	-0.000097	± 2.5	PASS
		VH	TN	4.88	0.002789	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	0.85	0.000496	± 2.5	PASS
		VN	-20	-1.4	-0.000816	± 2.5	PASS
		VN	-10	1.2	0.000700	± 2.5	PASS
		VN	0	-1.87	-0.001090	± 2.5	PASS
		VN	10	-0.66	-0.000385	± 2.5	PASS
		VN	20	1.58	0.000921	± 2.5	PASS
		VN	30	-0.44	-0.000257	± 2.5	PASS
		VN	40	0.68	0.000397	± 2.5	PASS
		VN	50	1.39	0.000810	± 2.5	PASS
	MCH	VN	-30	1.61	0.000929	± 2.5	PASS
		VN	-20	2.47	0.001426	± 2.5	PASS
		VN	-10	1.45	0.000837	± 2.5	PASS
		VN	0	3.51	0.002026	± 2.5	PASS
		VN	10	4.94	0.002851	± 2.5	PASS
		VN	20	0.3	0.000173	± 2.5	PASS

		VN	30	-0.49	-0.000283	± 2.5	PASS
		VN	40	3.78	0.002182	± 2.5	PASS
		VN	50	2.9	0.001674	± 2.5	PASS
	HCH	VN	-30	2.76	0.001577	± 2.5	PASS
		VN	-20	-1.33	-0.000760	± 2.5	PASS
		VN	-10	-1.35	-0.000771	± 2.5	PASS
		VN	0	4	0.002286	± 2.5	PASS
		VN	10	4.11	0.002349	± 2.5	PASS
		VN	20	-1.33	-0.000760	± 2.5	PASS
		VN	30	4.03	0.002303	± 2.5	PASS
		VN	40	4.86	0.002777	± 2.5	PASS
		VN	50	4.17	0.002383	± 2.5	PASS
QPSK	LCH	VN	-30	3.48	0.002009	± 2.5	PASS
		VN	-20	-0.09	-0.000052	± 2.5	PASS
		VN	-10	4.51	0.002603	± 2.5	PASS
		VN	0	1.45	0.000837	± 2.5	PASS
		VN	10	1.41	0.000814	± 2.5	PASS
		VN	20	-1.39	-0.000802	± 2.5	PASS
		VN	30	-0.22	-0.000127	± 2.5	PASS
		VN	40	4.56	0.002632	± 2.5	PASS
		VN	50	-0.18	-0.000104	± 2.5	PASS
	MCH	VN	-30	-1.53	-0.000874	± 2.5	PASS
		VN	-20	-1.82	-0.001040	± 2.5	PASS
		VN	-10	4.24	0.002423	± 2.5	PASS
		VN	0	3.85	0.002200	± 2.5	PASS
		VN	10	-1.81	-0.001034	± 2.5	PASS
		VN	20	2.15	0.001229	± 2.5	PASS
		VN	30	2.09	0.001194	± 2.5	PASS
		VN	40	-1.64	-0.000937	± 2.5	PASS
		VN	50	-0.29	-0.000166	± 2.5	PASS
	HCH	VN	-30	4.05	0.002314	± 2.5	PASS
		VN	-20	0.37	0.000211	± 2.5	PASS
		VN	-10	4.42	0.002526	± 2.5	PASS
		VN	0	3.63	0.002074	± 2.5	PASS
		VN	10	0.97	0.000554	± 2.5	PASS
		VN	20	2.46	0.001406	± 2.5	PASS
		VN	30	0.15	0.000086	± 2.5	PASS
		VN	40	-0.59	-0.000337	± 2.5	PASS
		VN	50	-0.6	-0.000343	± 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	0.001613	± 2.5	PASS
		VN	TN	1.93	0.001124	± 2.5	PASS
		VH	TN	3.64	0.002119	± 2.5	PASS
	MCH	VL	TN	0.92	0.000531	± 2.5	PASS
		VN	TN	4.61	0.002661	± 2.5	PASS
		VH	TN	3.57	0.002061	± 2.5	PASS
	HCH	VL	TN	0.58	0.000332	± 2.5	PASS
		VN	TN	2.82	0.001614	± 2.5	PASS
		VH	TN	3.52	0.002014	± 2.5	PASS
16QAM	LCH	VL	TN	4.72	0.002748	± 2.5	PASS
		VN	TN	0.6	0.000349	± 2.5	PASS
		VH	TN	3.66	0.002131	± 2.5	PASS
	MCH	VL	TN	-2	-0.001154	± 2.5	PASS
		VN	TN	-1.38	-0.000797	± 2.5	PASS
		VH	TN	1.92	0.001108	± 2.5	PASS
	HCH	VL	TN	2.42	0.001385	± 2.5	PASS
		VN	TN	-0.8	-0.000458	± 2.5	PASS
		VH	TN	-0.51	-0.000292	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.22	0.001293	± 2.5	PASS
		VN	-20	1.61	0.000937	± 2.5	PASS
		VN	-10	4.9	0.002853	± 2.5	PASS
		VN	0	0.65	0.000378	± 2.5	PASS
		VN	10	1.08	0.000629	± 2.5	PASS
		VN	20	2.43	0.001415	± 2.5	PASS
		VN	30	-0.71	-0.000413	± 2.5	PASS
		VN	40	4.45	0.002591	± 2.5	PASS
		VN	50	1.82	0.001060	± 2.5	PASS
	MCH	VN	-30	0.57	0.000329	± 2.5	PASS
		VN	-20	4.17	0.002407	± 2.5	PASS
		VN	-10	3.85	0.002222	± 2.5	PASS
		VN	0	-1.46	-0.000843	± 2.5	PASS
		VN	10	3.22	0.001859	± 2.5	PASS
		VN	20	4.59	0.002649	± 2.5	PASS

		VN	30	0.02	0.000012	± 2.5	PASS
		VN	40	-0.64	-0.000369	± 2.5	PASS
		VN	50	0.4	0.000231	± 2.5	PASS
	HCH	VN	-30	4.58	0.002621	± 2.5	PASS
		VN	-20	3.04	0.001740	± 2.5	PASS
		VN	-10	3.05	0.001745	± 2.5	PASS
		VN	0	1.54	0.000881	± 2.5	PASS
		VN	10	4.88	0.002793	± 2.5	PASS
		VN	20	0.21	0.000120	± 2.5	PASS
		VN	30	-1.55	-0.000887	± 2.5	PASS
		VN	40	1.95	0.001116	± 2.5	PASS
		VN	50	3.44	0.001969	± 2.5	PASS
QPSK	LCH	VN	-30	3.95	0.002280	± 2.5	PASS
		VN	-20	0.59	0.000341	± 2.5	PASS
		VN	-10	0.35	0.000202	± 2.5	PASS
		VN	0	-0.25	-0.000144	± 2.5	PASS
		VN	10	-1.47	-0.000848	± 2.5	PASS
		VN	20	-0.51	-0.000294	± 2.5	PASS
		VN	30	0.62	0.000358	± 2.5	PASS
		VN	40	2.3	0.001328	± 2.5	PASS
		VN	50	-1	-0.000577	± 2.5	PASS
	MCH	VN	-30	2.94	0.001682	± 2.5	PASS
		VN	-20	0.16	0.000092	± 2.5	PASS
		VN	-10	-0.72	-0.000412	± 2.5	PASS
		VN	0	-1.51	-0.000864	± 2.5	PASS
		VN	10	1.37	0.000784	± 2.5	PASS
		VN	20	4.25	0.002432	± 2.5	PASS
		VN	30	0.21	0.000120	± 2.5	PASS
		VN	40	3.66	0.002094	± 2.5	PASS
		VN	50	0.38	0.000217	± 2.5	PASS
	HCH	VN	-30	2.55	0.001459	± 2.5	PASS
		VN	-20	1.6	0.000916	± 2.5	PASS
		VN	-10	2.12	0.001213	± 2.5	PASS
		VN	0	-1.69	-0.000967	± 2.5	PASS
		VN	10	4.14	0.002369	± 2.5	PASS
		VN	20	1.42	0.000813	± 2.5	PASS
		VN	30	-0.27	-0.000155	± 2.5	PASS
		VN	40	2.45	0.001402	± 2.5	PASS
		VN	50	2.19	0.001253	± 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	1.17	0.000680	± 2.5	PASS
		VN	TN	-1.02	-0.000593	± 2.5	PASS
		VH	TN	0.89	0.000517	± 2.5	PASS
	MCH	VL	TN	2.56	0.001478	± 2.5	PASS
		VN	TN	2.16	0.001247	± 2.5	PASS
		VH	TN	0.64	0.000369	± 2.5	PASS
	HCH	VL	TN	3.39	0.001943	± 2.5	PASS
		VN	TN	2.45	0.001404	± 2.5	PASS
		VH	TN	1.56	0.000894	± 2.5	PASS
16QAM	LCH	VL	TN	3.48	0.002023	± 2.5	PASS
		VN	TN	4.06	0.002360	± 2.5	PASS
		VH	TN	2.09	0.001215	± 2.5	PASS
	MCH	VL	TN	4.8	0.002771	± 2.5	PASS
		VN	TN	1	0.000577	± 2.5	PASS
		VH	TN	3.93	0.002268	± 2.5	PASS
	HCH	VL	TN	0.66	0.000378	± 2.5	PASS
		VN	TN	0.8	0.000458	± 2.5	PASS
		VH	TN	0.89	0.000510	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.58	0.002663	± 2.5	PASS
		VN	-20	2.95	0.001715	± 2.5	PASS
		VN	-10	4.76	0.002767	± 2.5	PASS
		VN	0	-0.42	-0.000244	± 2.5	PASS
		VN	10	2.66	0.001547	± 2.5	PASS
		VN	20	2.86	0.001663	± 2.5	PASS
		VN	30	0.99	0.000576	± 2.5	PASS
		VN	40	2	0.001163	± 2.5	PASS
		VN	50	4.12	0.002395	± 2.5	PASS
	MCH	VN	-30	2.79	0.001610	± 2.5	PASS
		VN	-20	3.9	0.002251	± 2.5	PASS
		VN	-10	-0.73	-0.000421	± 2.5	PASS
		VN	0	-0.02	-0.000012	± 2.5	PASS
		VN	10	2.27	0.001310	± 2.5	PASS
		VN	20	-1.62	-0.000935	± 2.5	PASS

		VN	30	-0.68	-0.000392	± 2.5	PASS
		VN	40	-0.47	-0.000271	± 2.5	PASS
		VN	50	3.93	0.002268	± 2.5	PASS
	HCH	VN	-30	3.13	0.001794	± 2.5	PASS
		VN	-20	2.64	0.001513	± 2.5	PASS
		VN	-10	3.93	0.002252	± 2.5	PASS
		VN	0	4.98	0.002854	± 2.5	PASS
		VN	10	3.27	0.001874	± 2.5	PASS
		VN	20	3.99	0.002287	± 2.5	PASS
		VN	30	2.67	0.001530	± 2.5	PASS
		VN	40	4.3	0.002464	± 2.5	PASS
		VN	50	2.91	0.001668	± 2.5	PASS
QPSK	LCH	VN	-30	-0.18	-0.000104	± 2.5	PASS
		VN	-20	0.8	0.000462	± 2.5	PASS
		VN	-10	-0.96	-0.000554	± 2.5	PASS
		VN	0	4.51	0.002603	± 2.5	PASS
		VN	10	1.48	0.000854	± 2.5	PASS
		VN	20	1.31	0.000756	± 2.5	PASS
		VN	30	-1.88	-0.001085	± 2.5	PASS
		VN	40	2.26	0.001304	± 2.5	PASS
		VN	50	-0.7	-0.000404	± 2.5	PASS
	MCH	VN	-30	1.08	0.000619	± 2.5	PASS
		VN	-20	0.96	0.000550	± 2.5	PASS
		VN	-10	4.57	0.002619	± 2.5	PASS
		VN	0	3.2	0.001834	± 2.5	PASS
		VN	10	-0.53	-0.000304	± 2.5	PASS
		VN	20	-1.64	-0.000940	± 2.5	PASS
		VN	30	2	0.001146	± 2.5	PASS
		VN	40	-0.62	-0.000355	± 2.5	PASS
		VN	50	0.46	0.000264	± 2.5	PASS
	HCH	VN	-30	-0.2	-0.000115	± 2.5	PASS
		VN	-20	3.82	0.002189	± 2.5	PASS
		VN	-10	0.98	0.000562	± 2.5	PASS
		VN	0	0.96	0.000550	± 2.5	PASS
		VN	10	4.63	0.002653	± 2.5	PASS
		VN	20	-0.34	-0.000195	± 2.5	PASS
		VN	30	4.46	0.002556	± 2.5	PASS
		VN	40	-0.34	-0.000195	± 2.5	PASS
		VN	50	-1.62	-0.000928	± 2.5	PASS