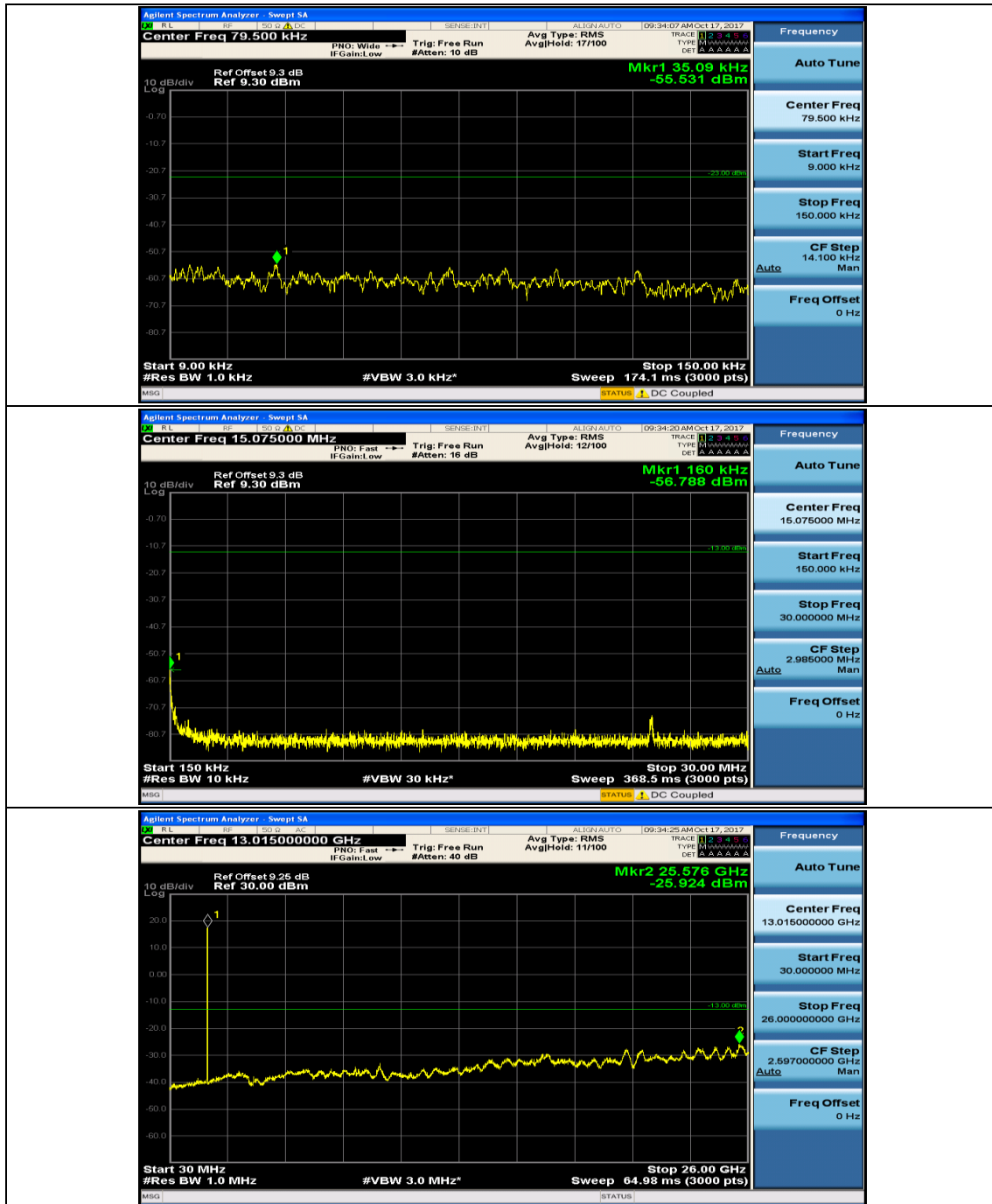
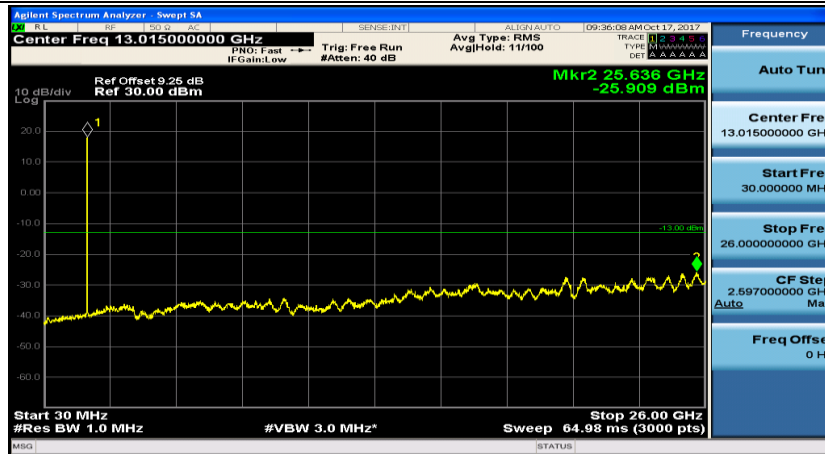
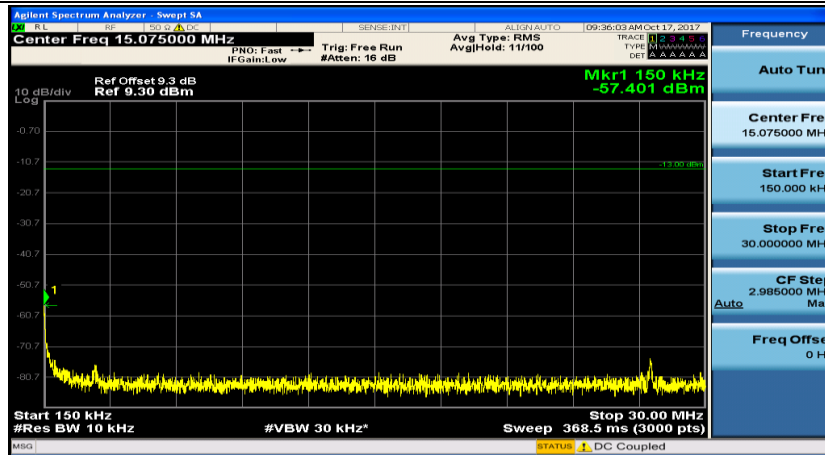
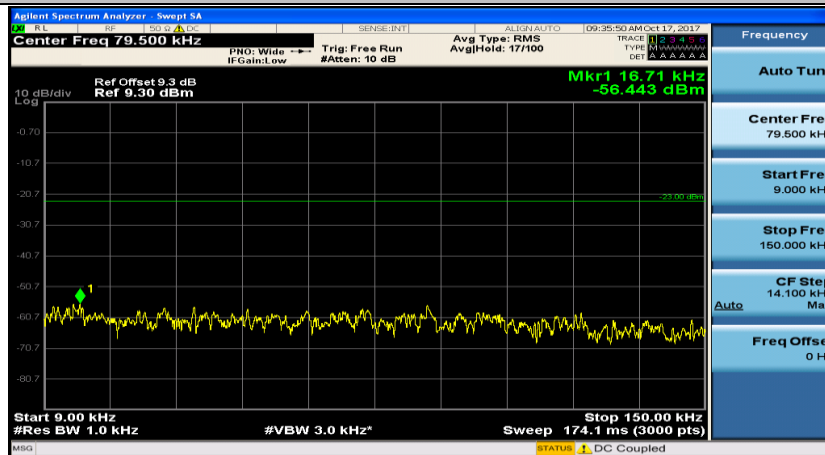
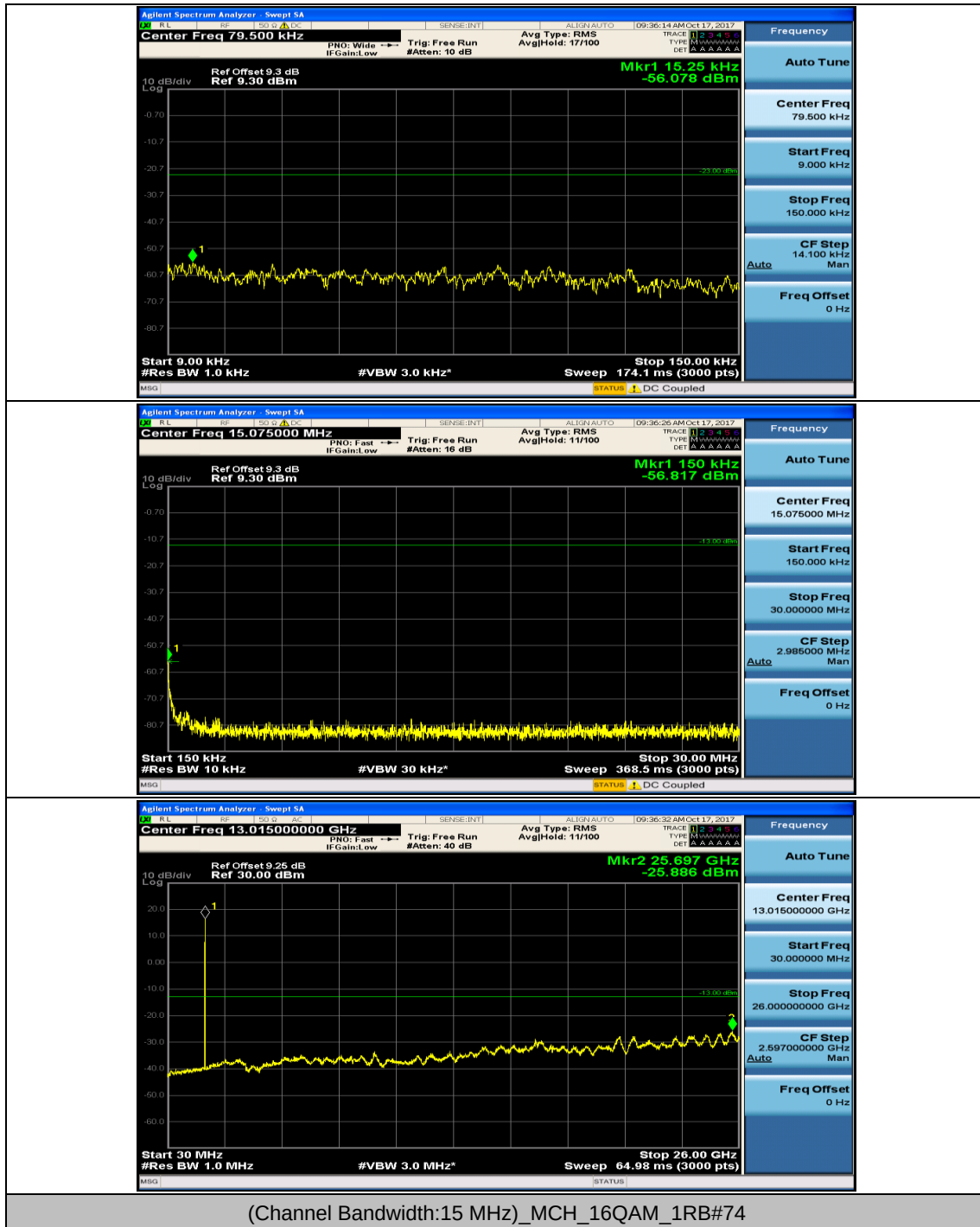


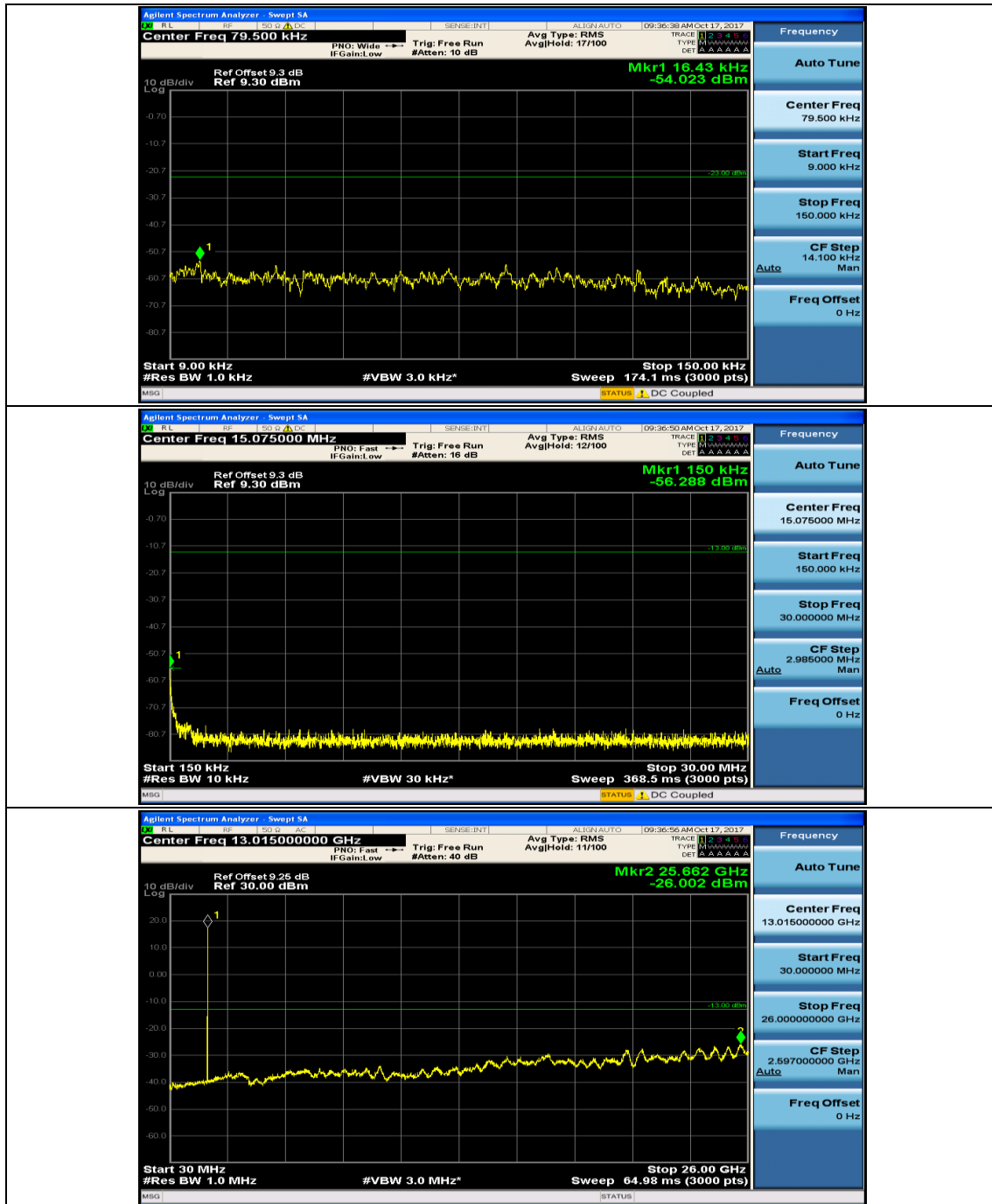


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

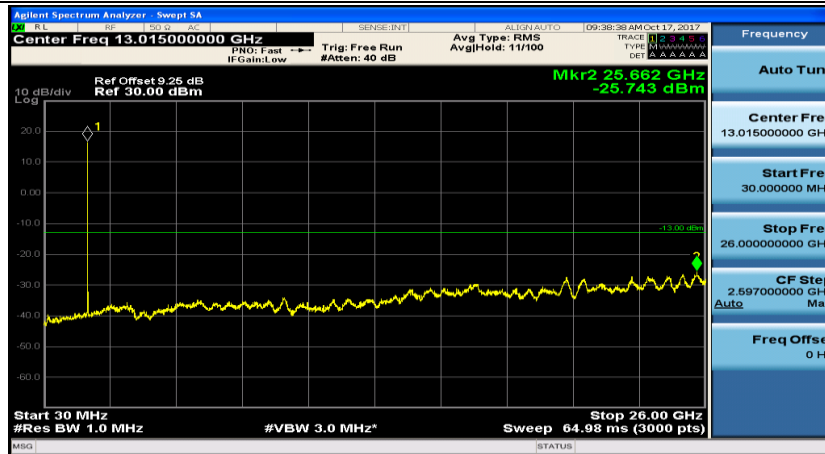
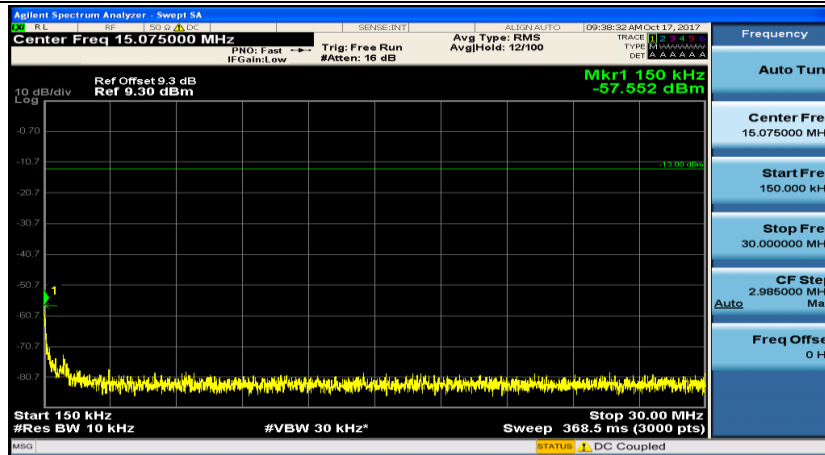
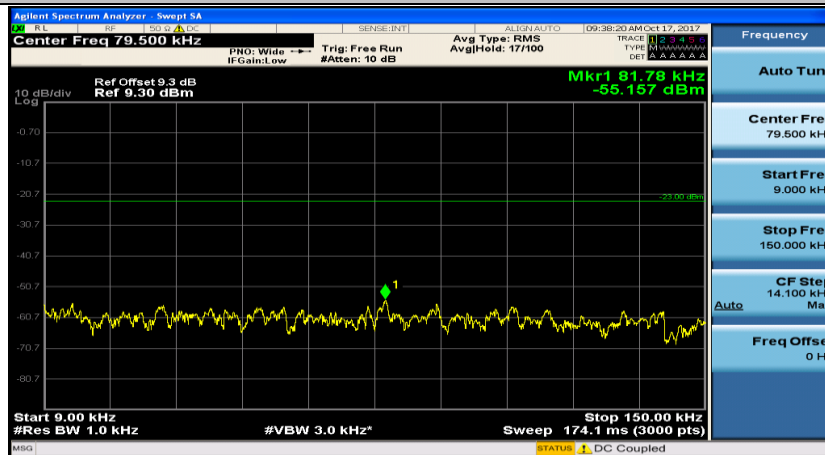


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

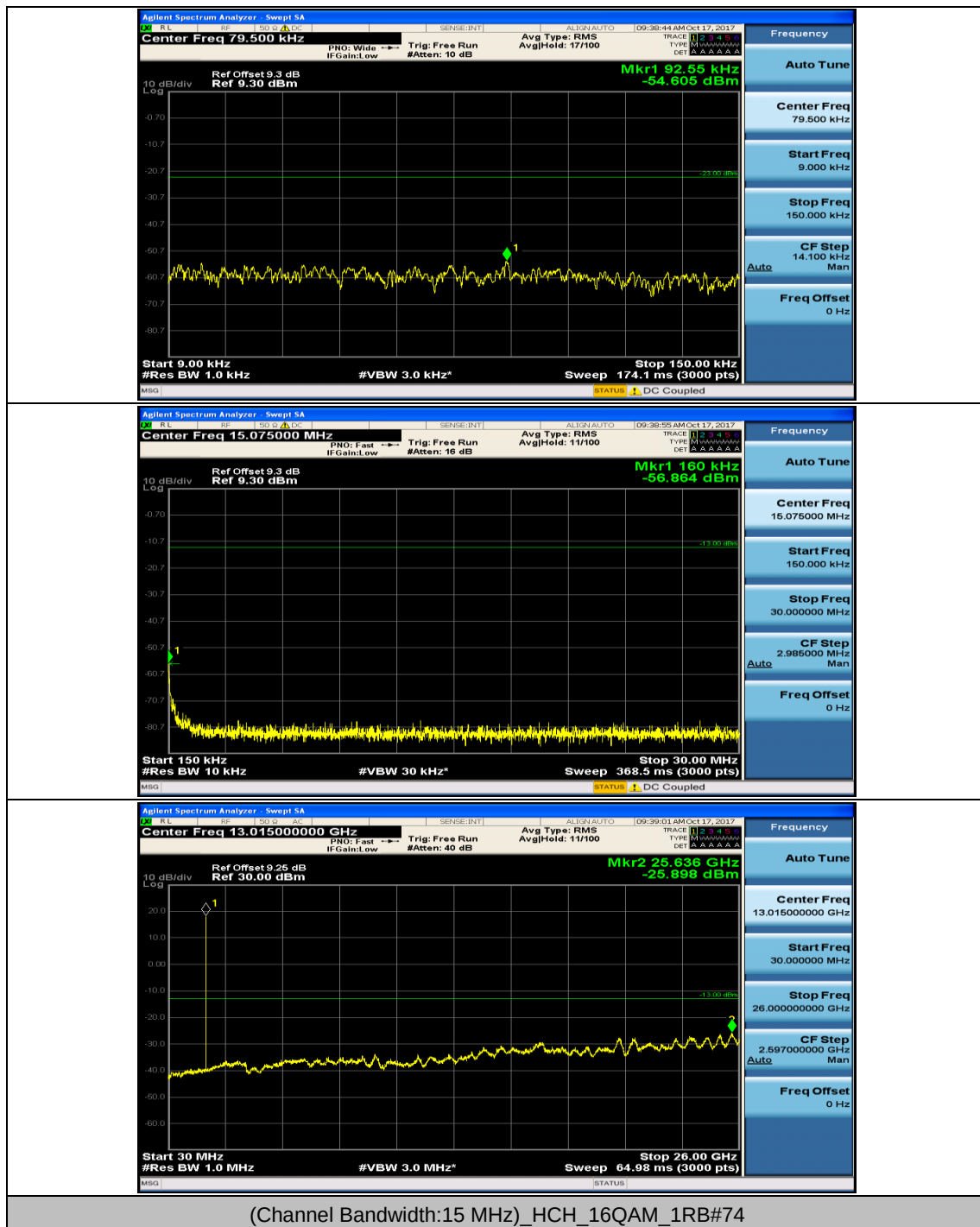


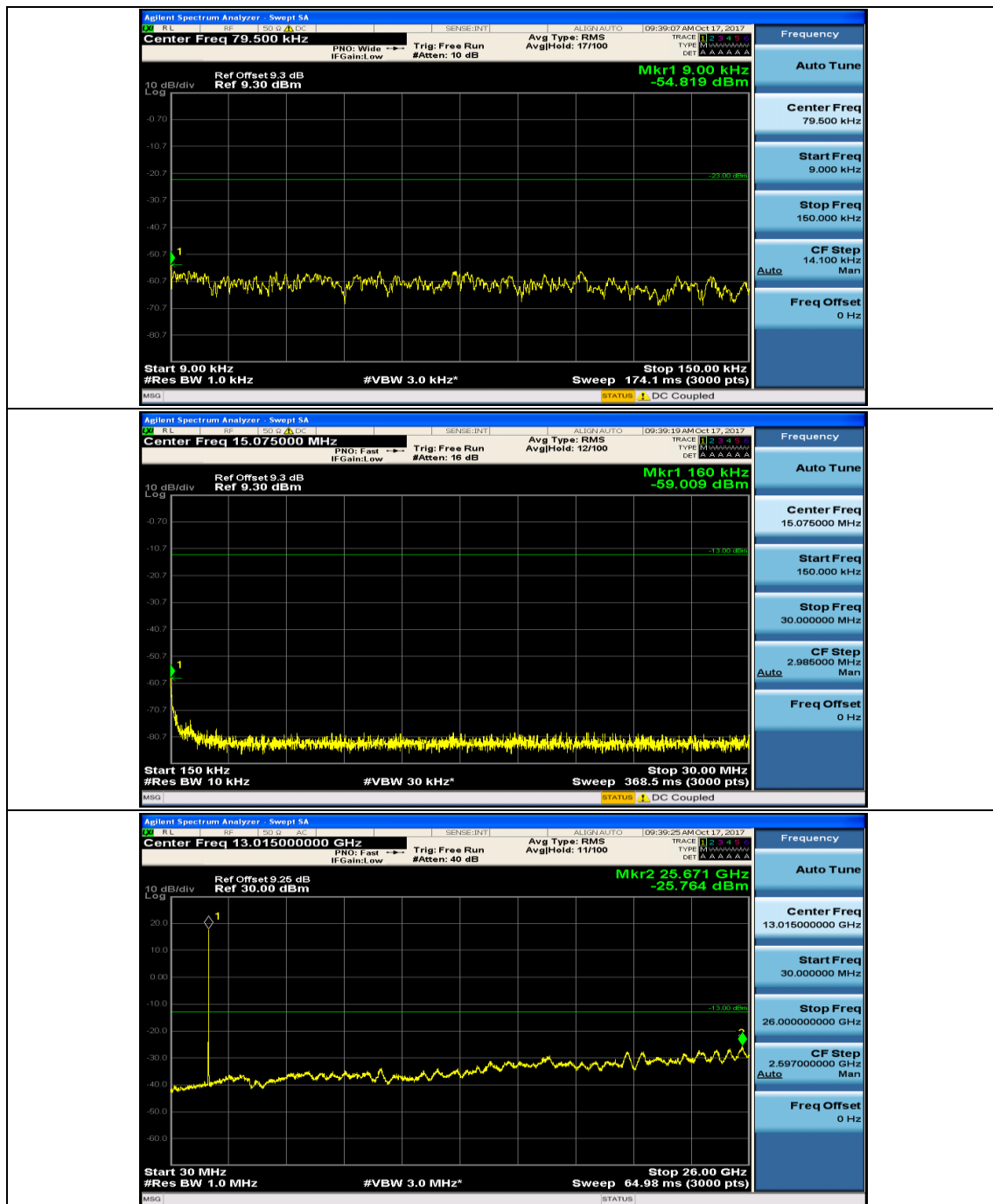


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

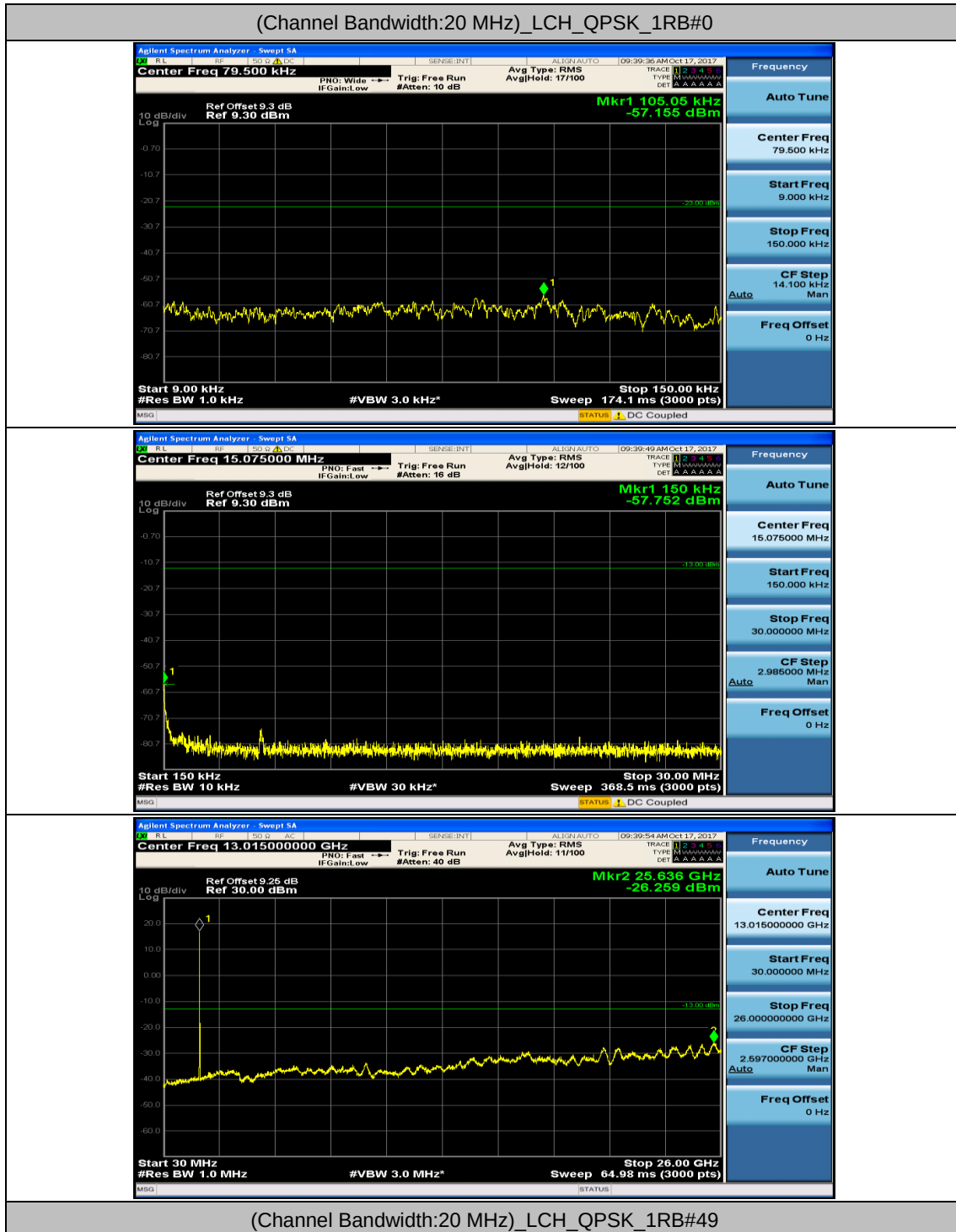


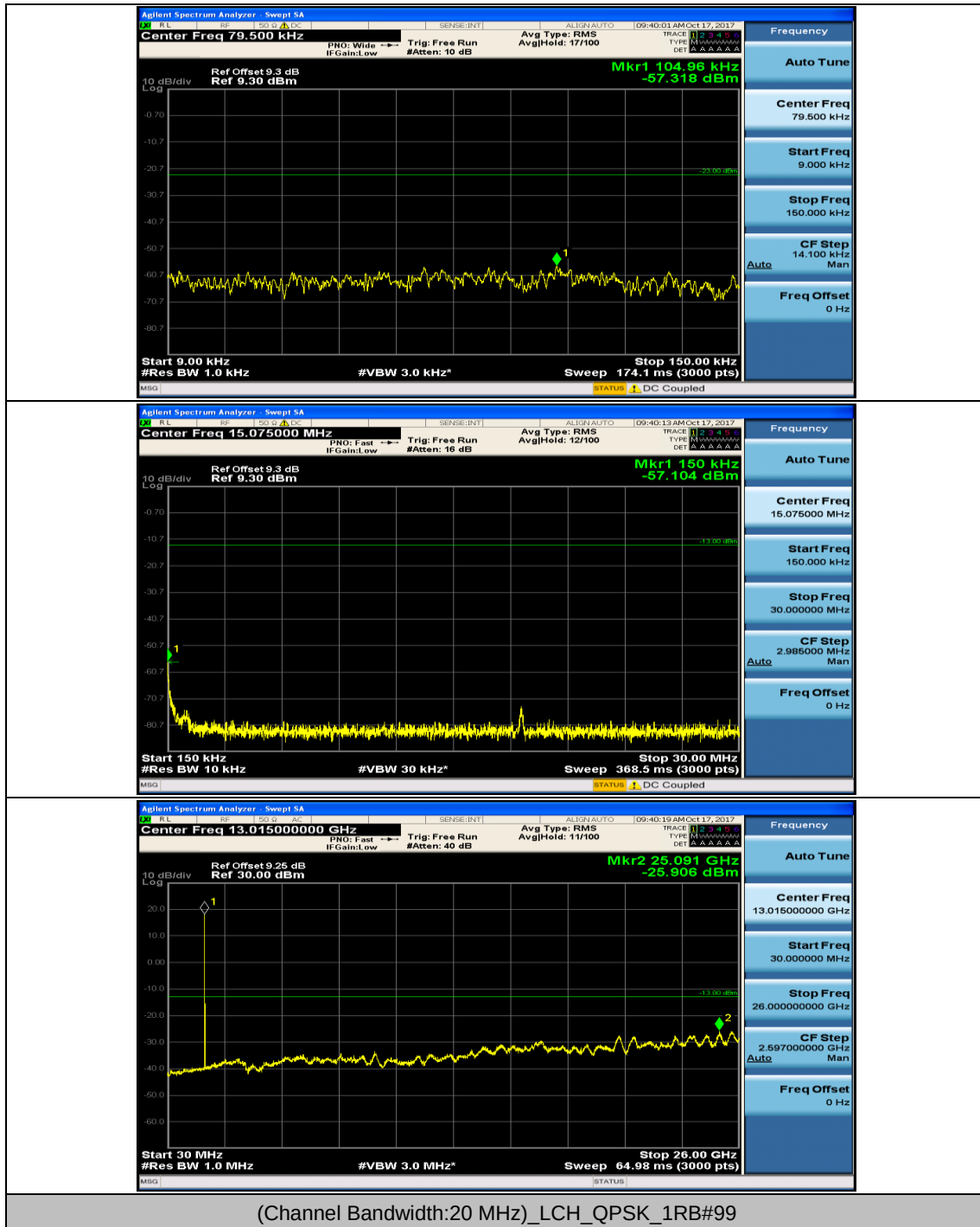
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

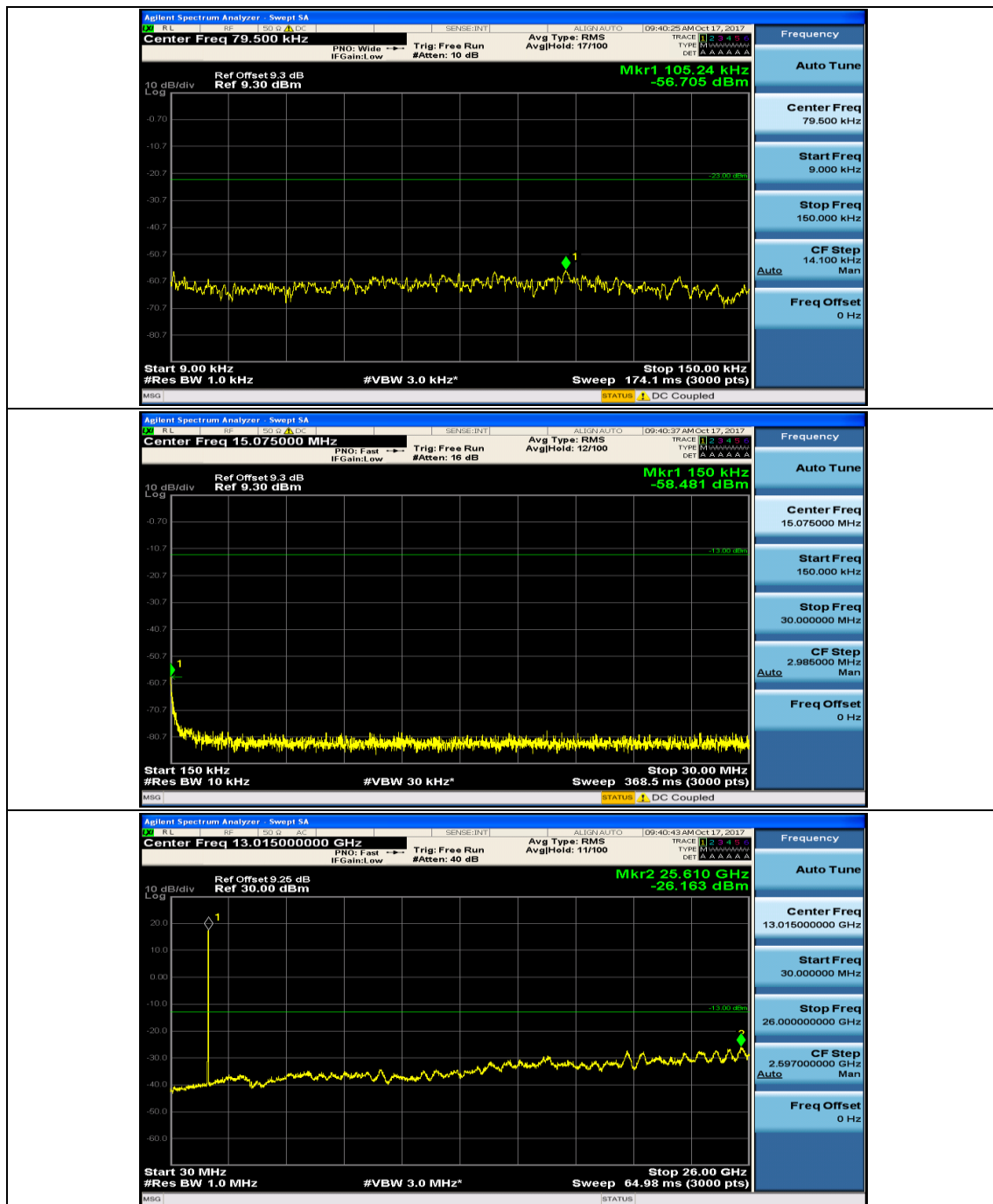




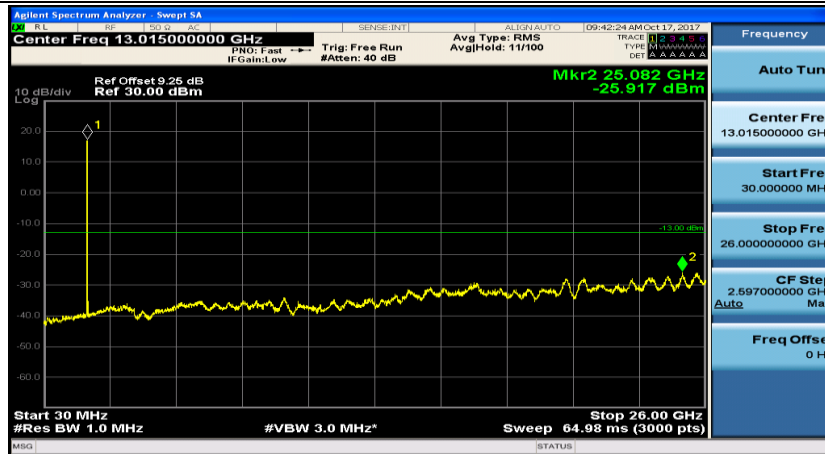
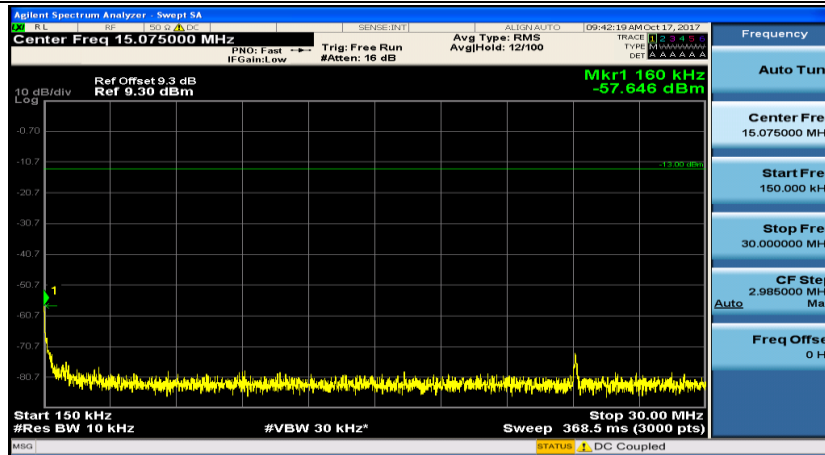
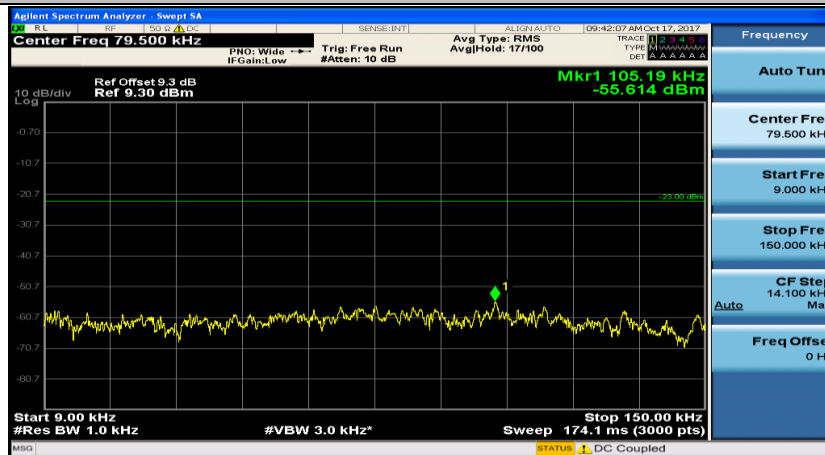
Channel Bandwidth: 20 MHz



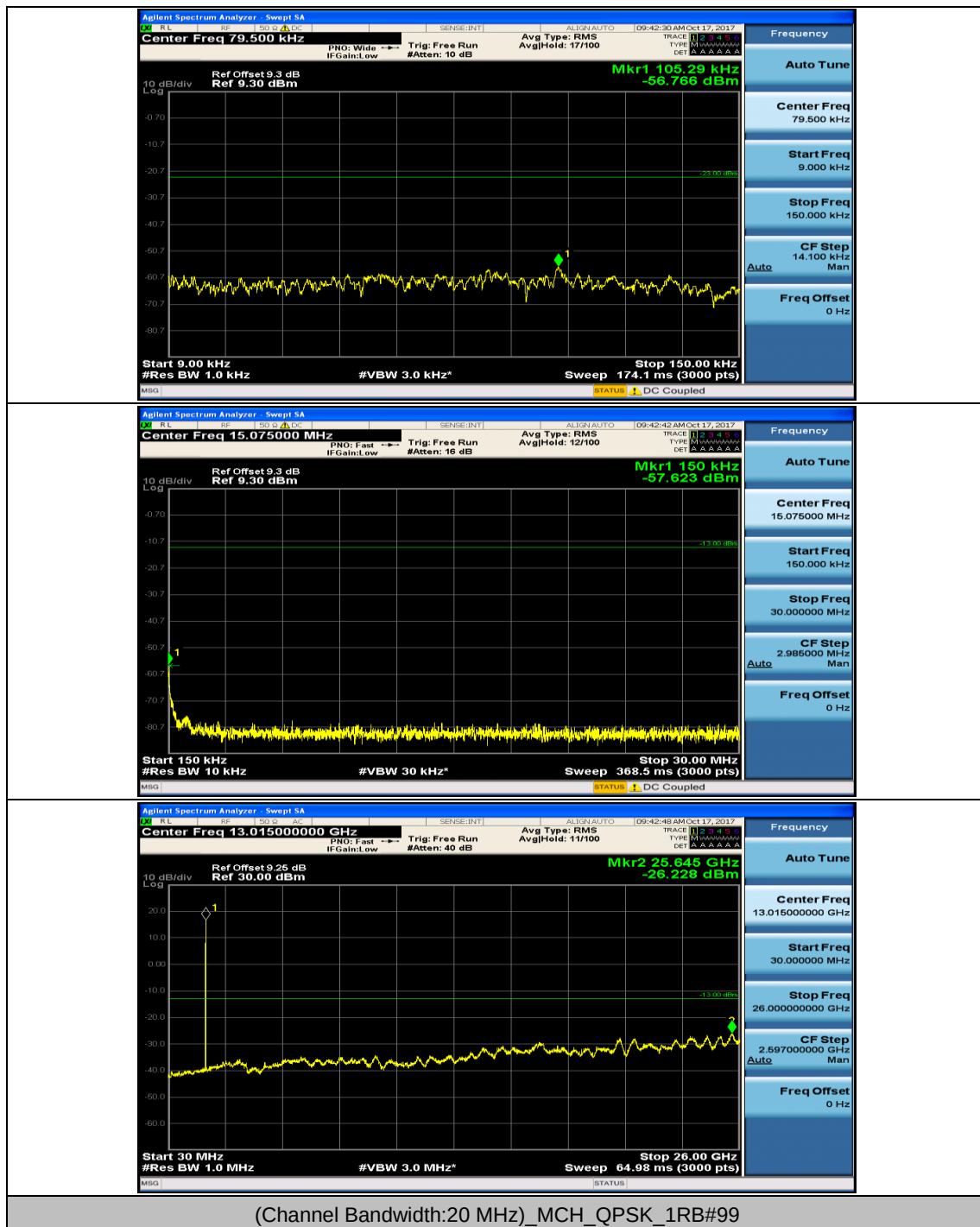


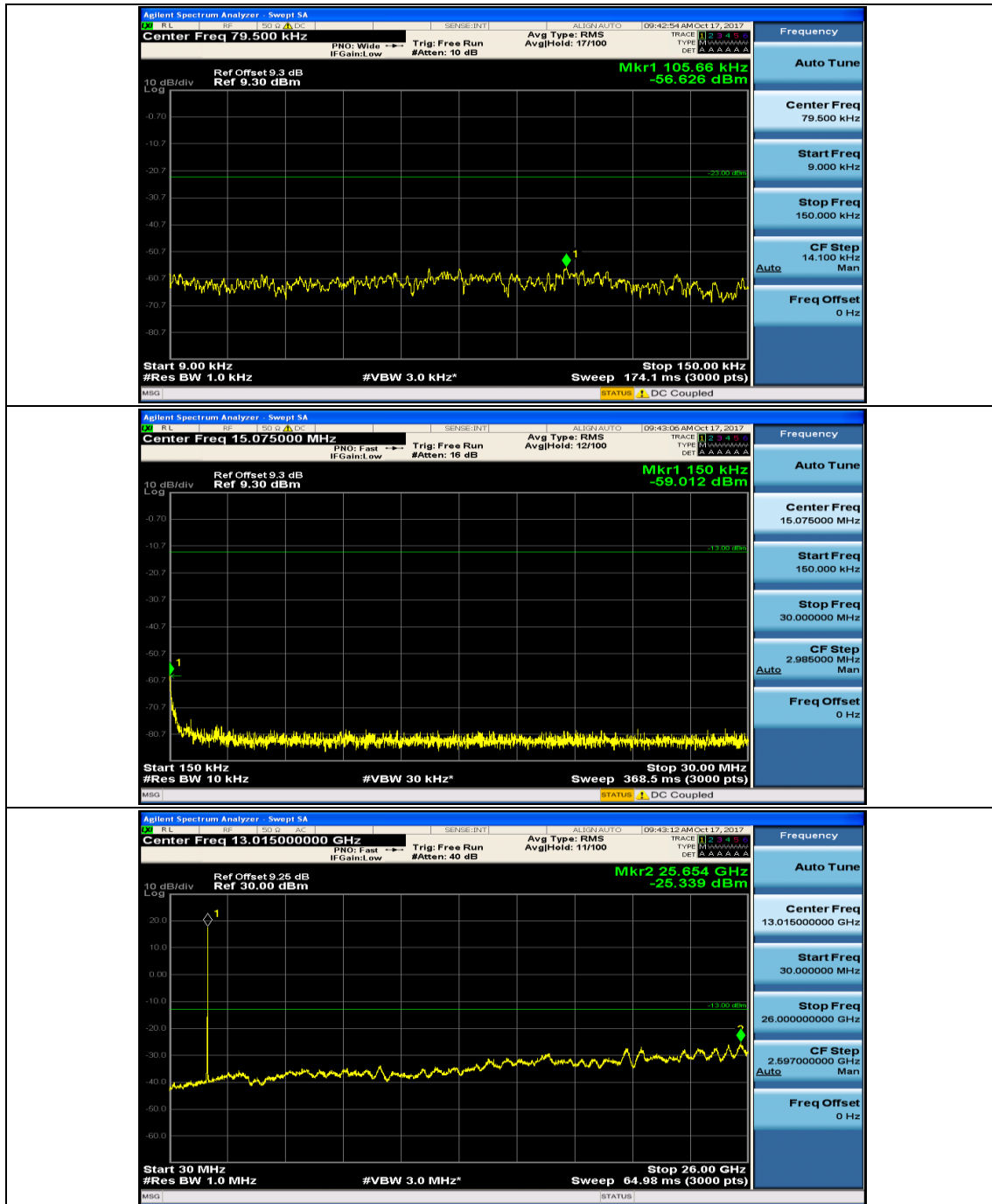


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

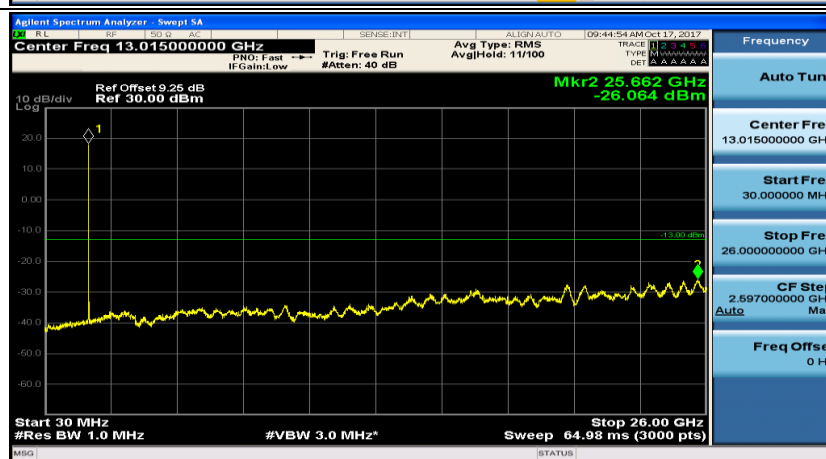
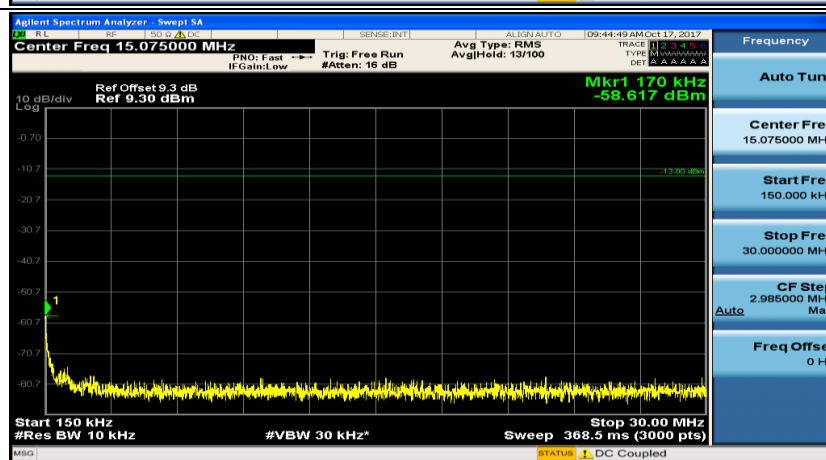
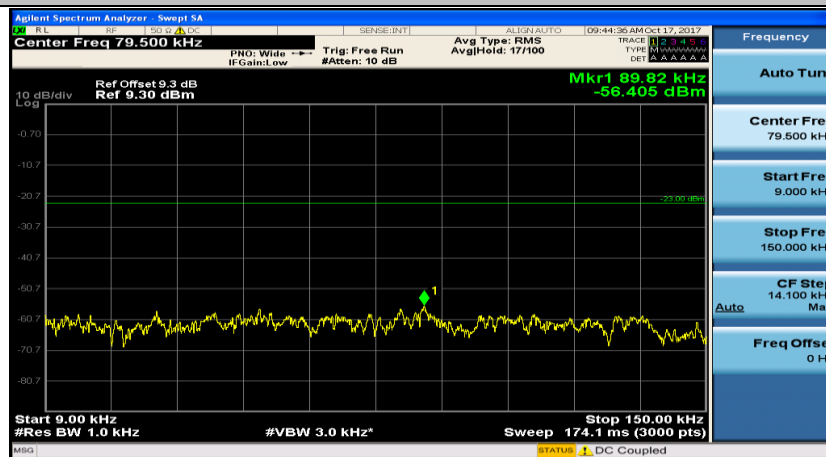


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

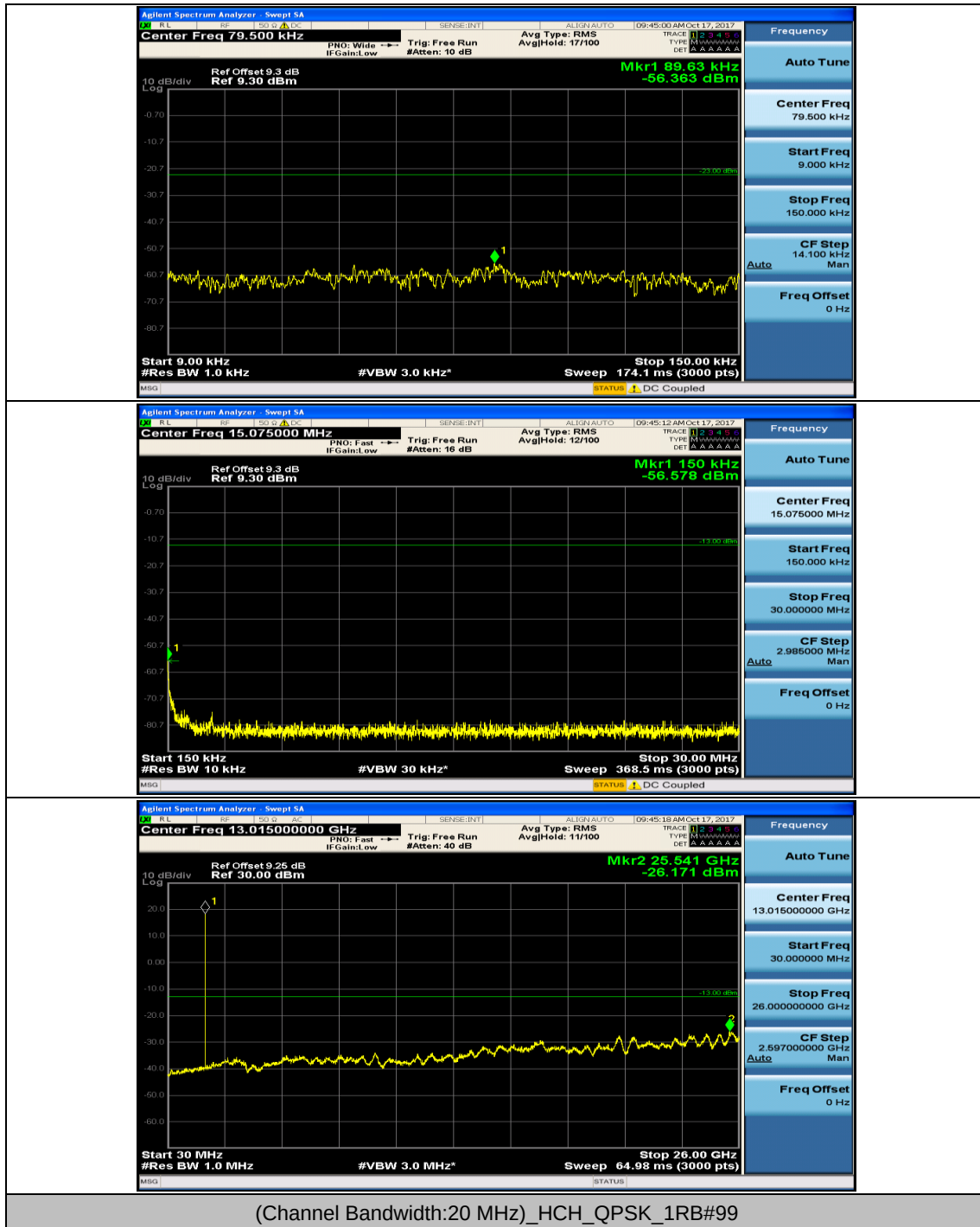


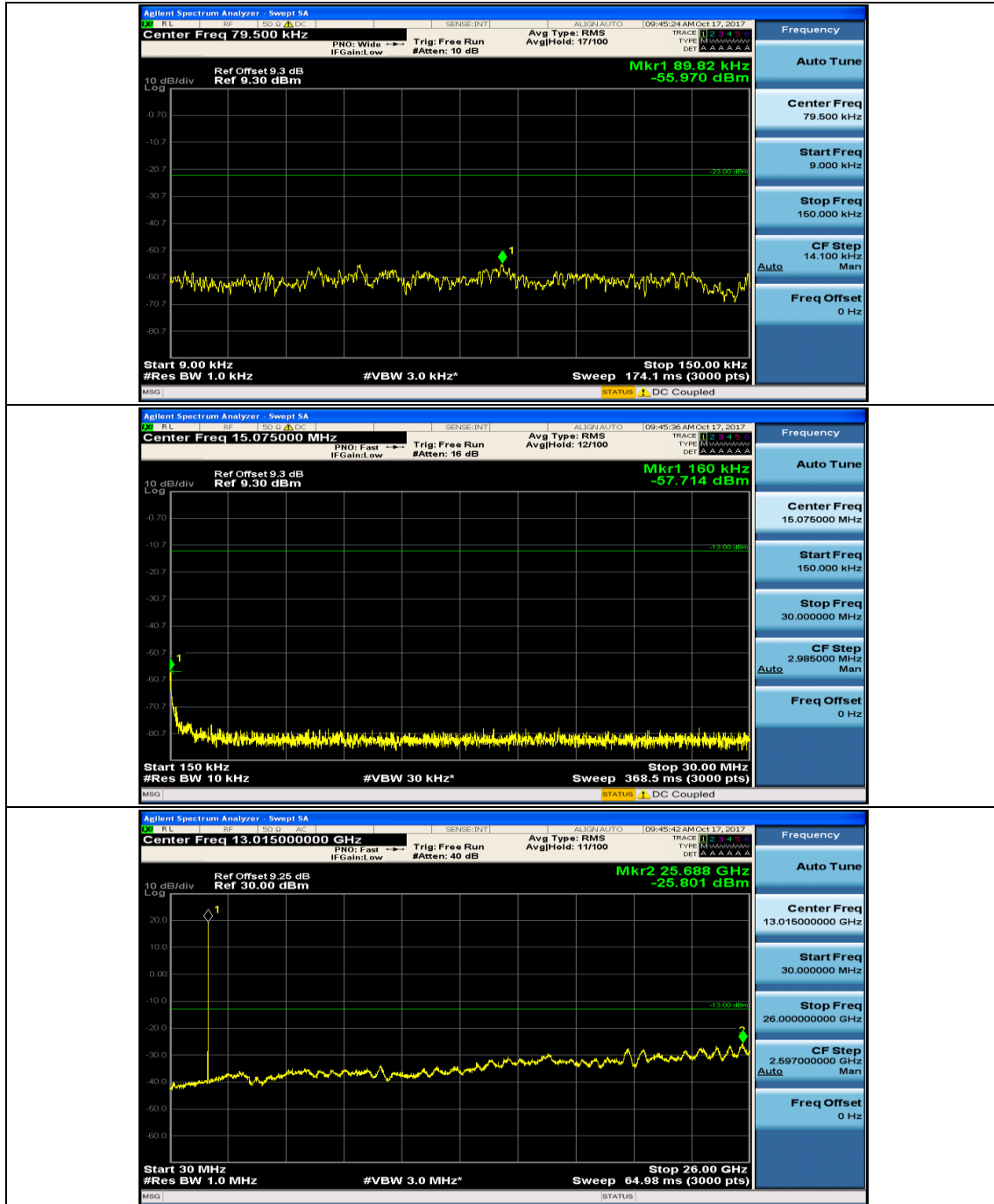


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

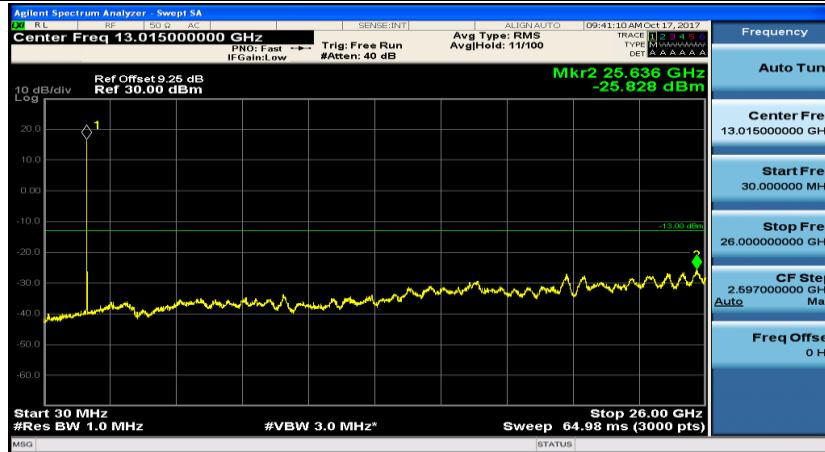
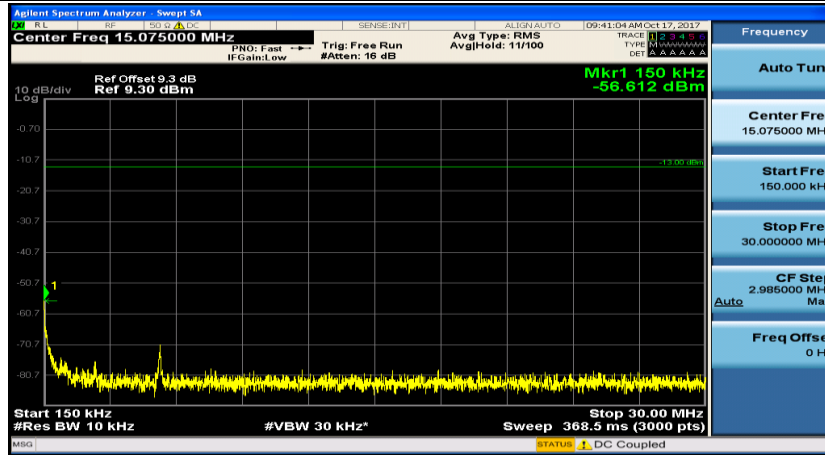
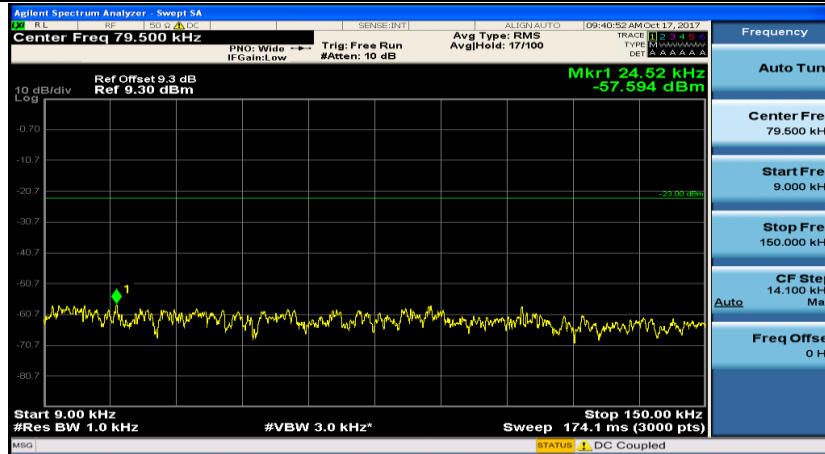


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

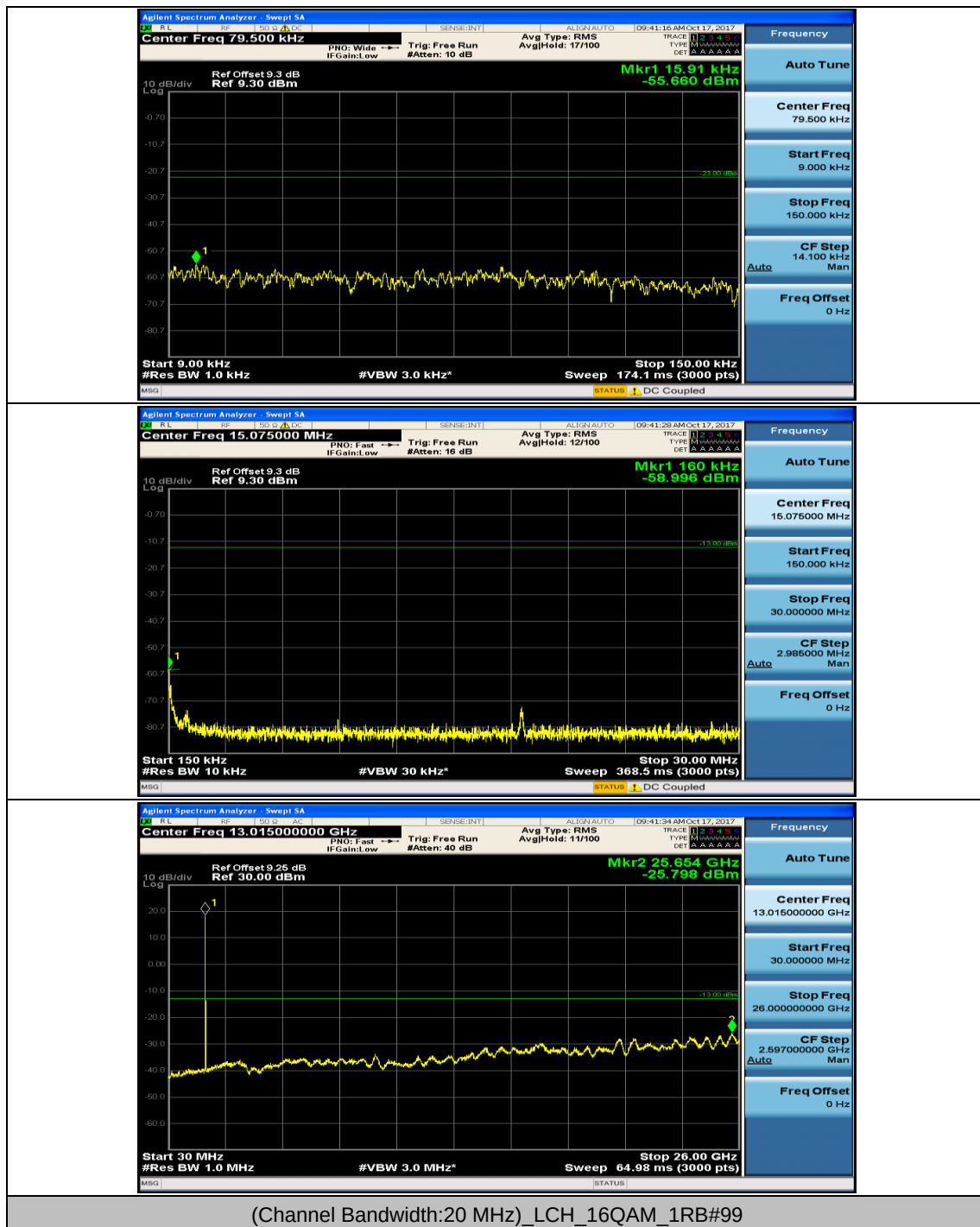


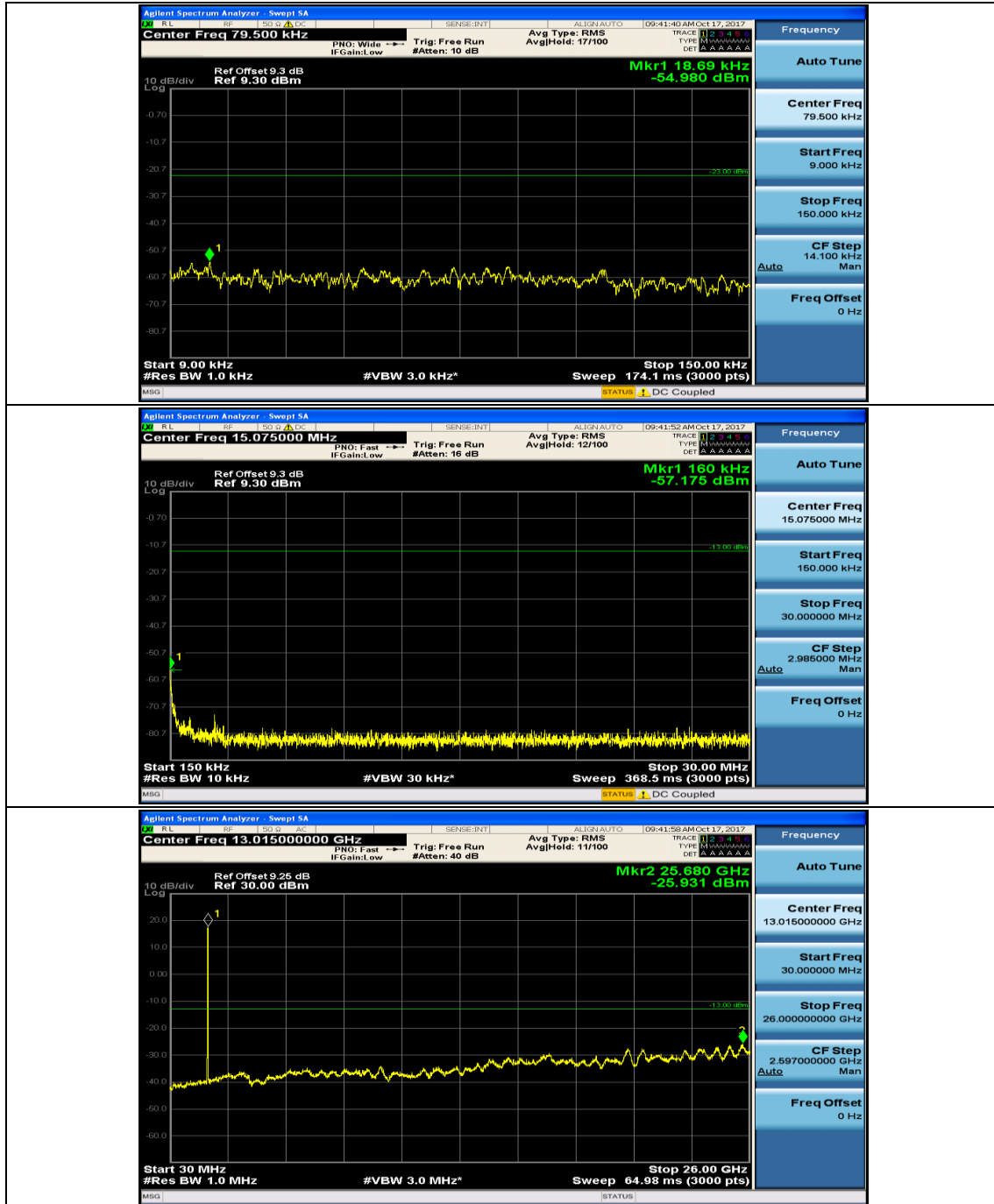


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

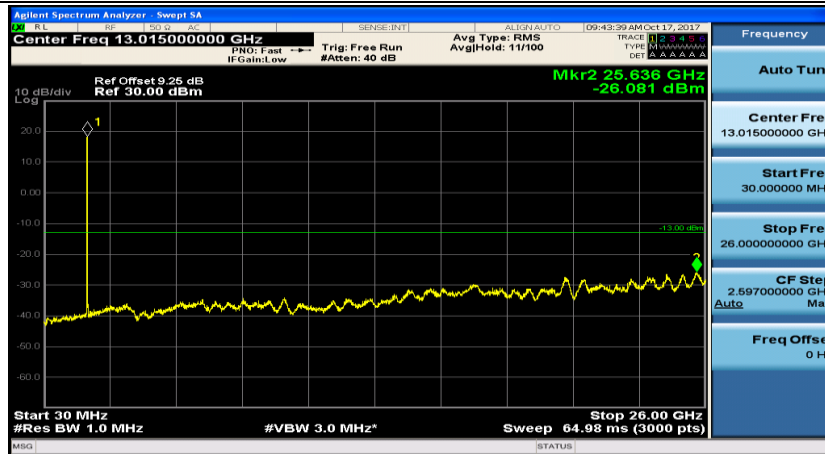
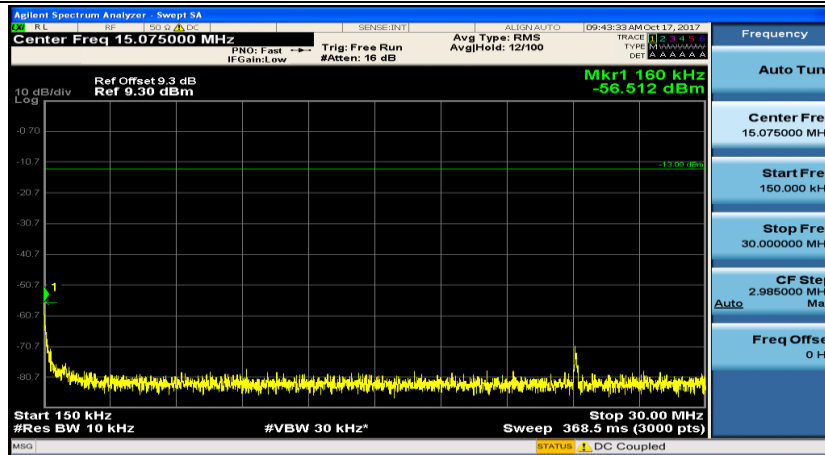
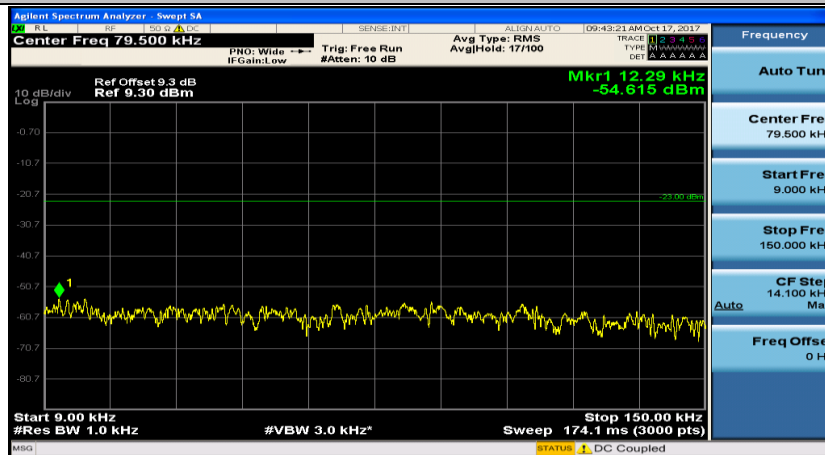


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

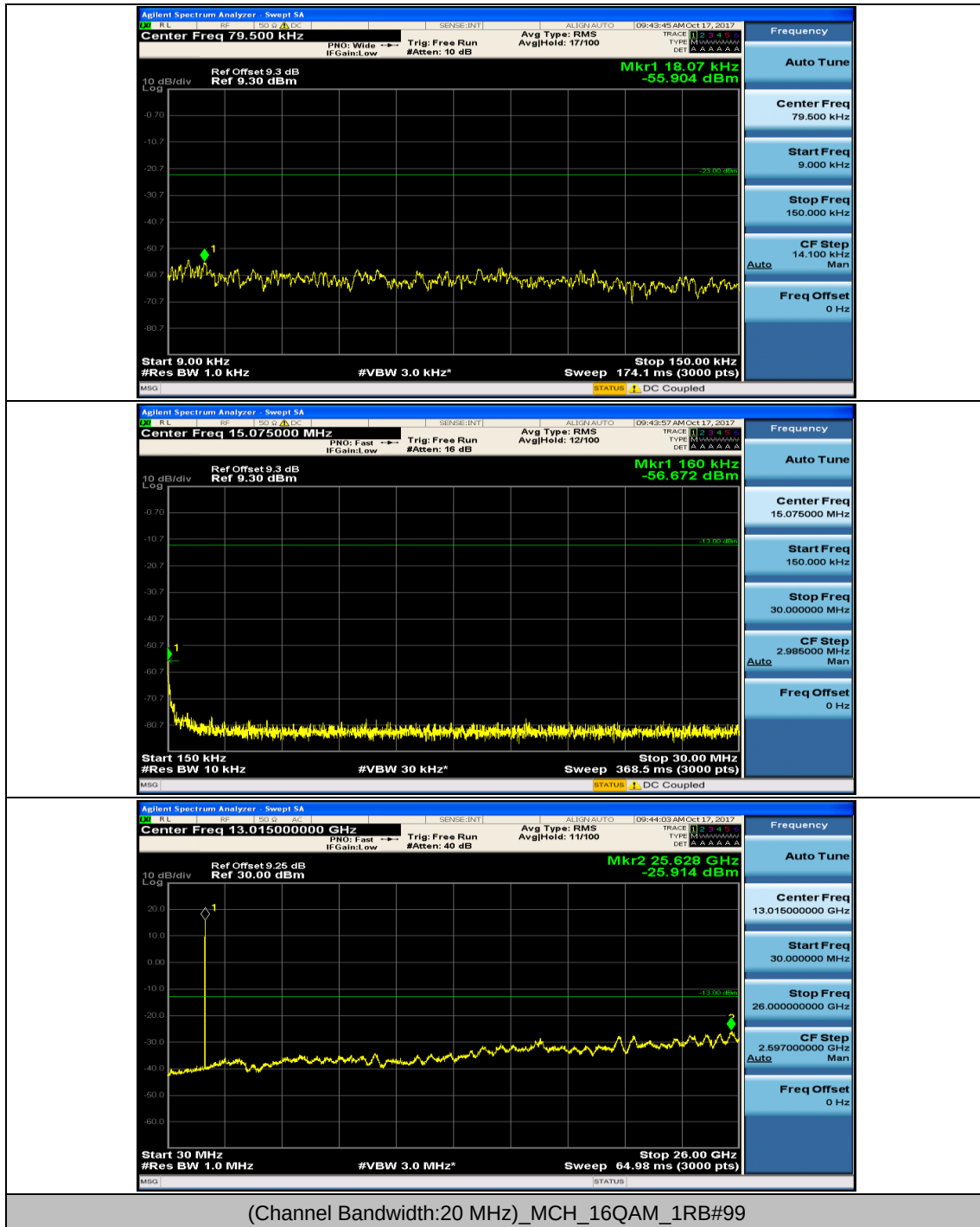


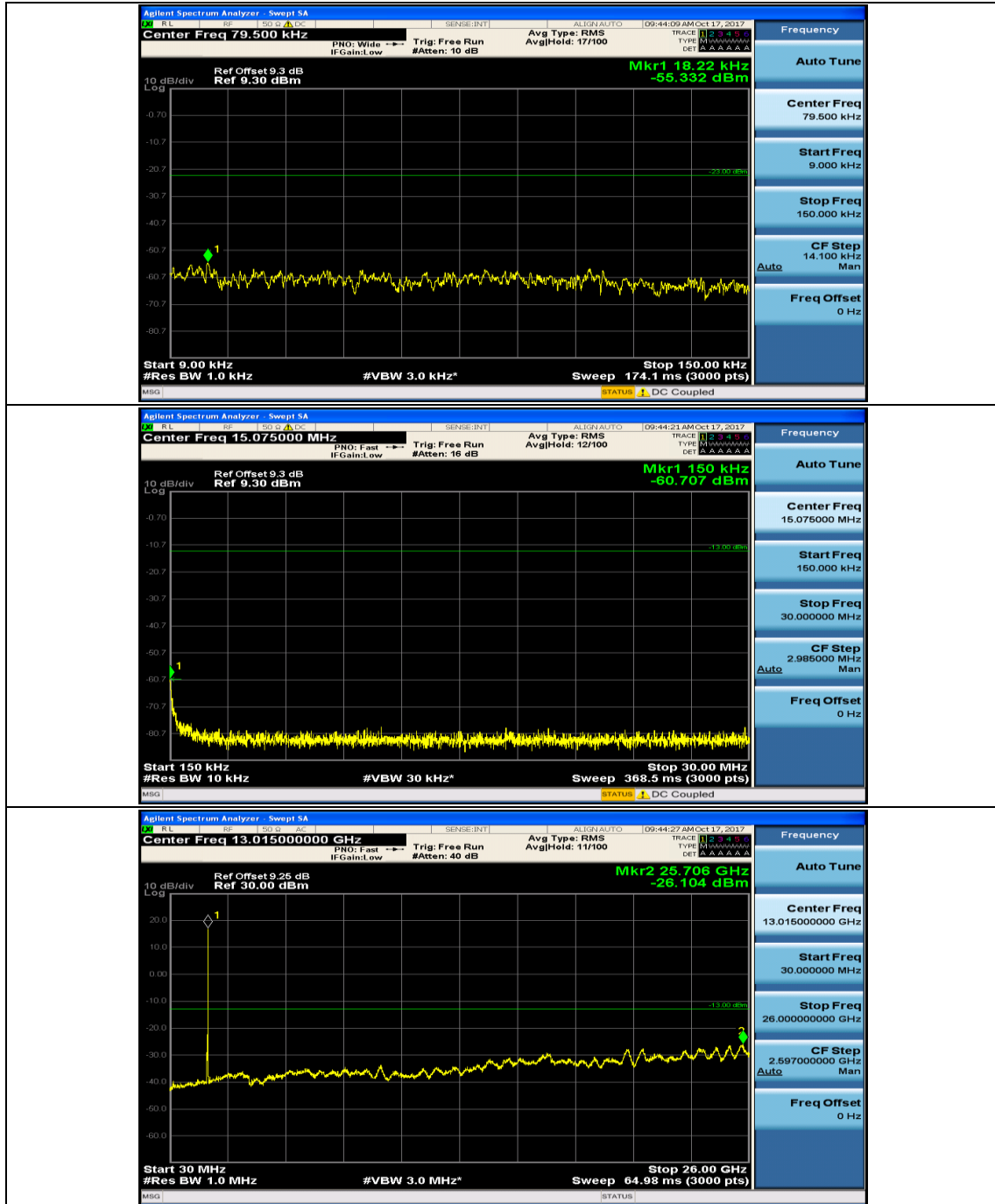


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

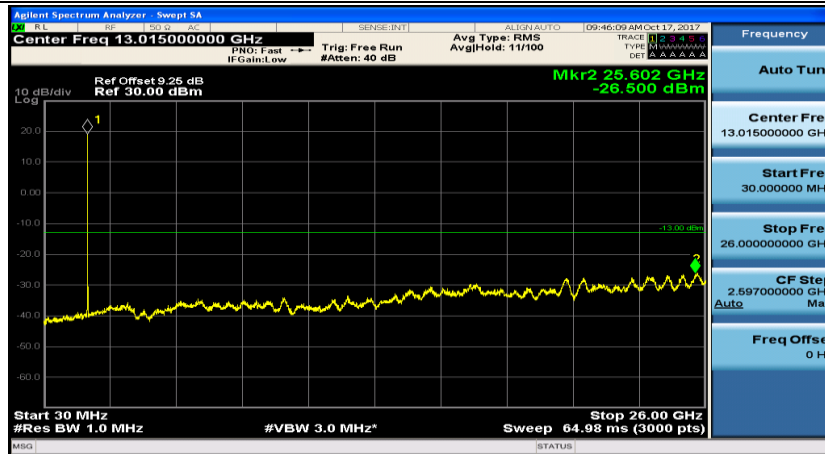
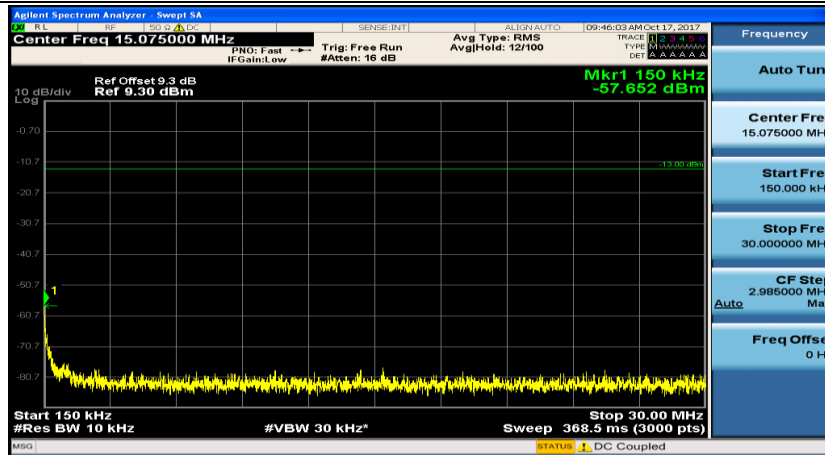
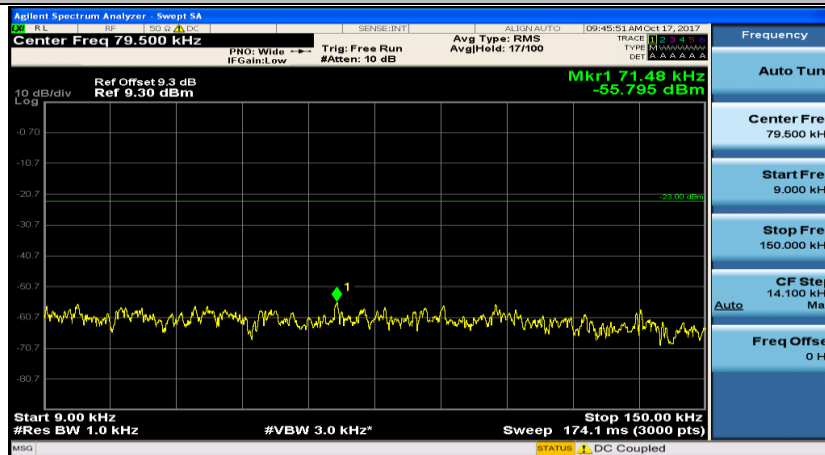


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

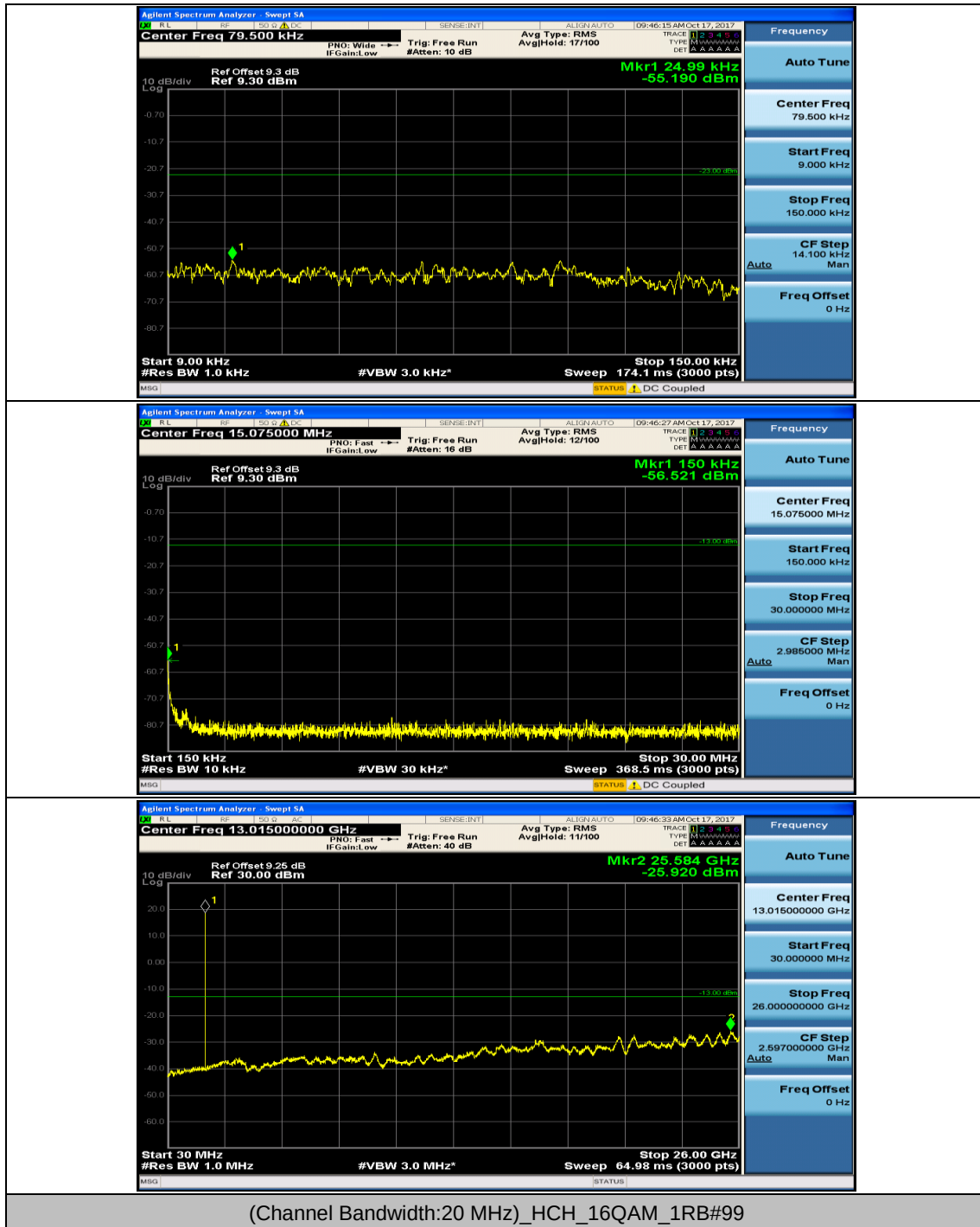


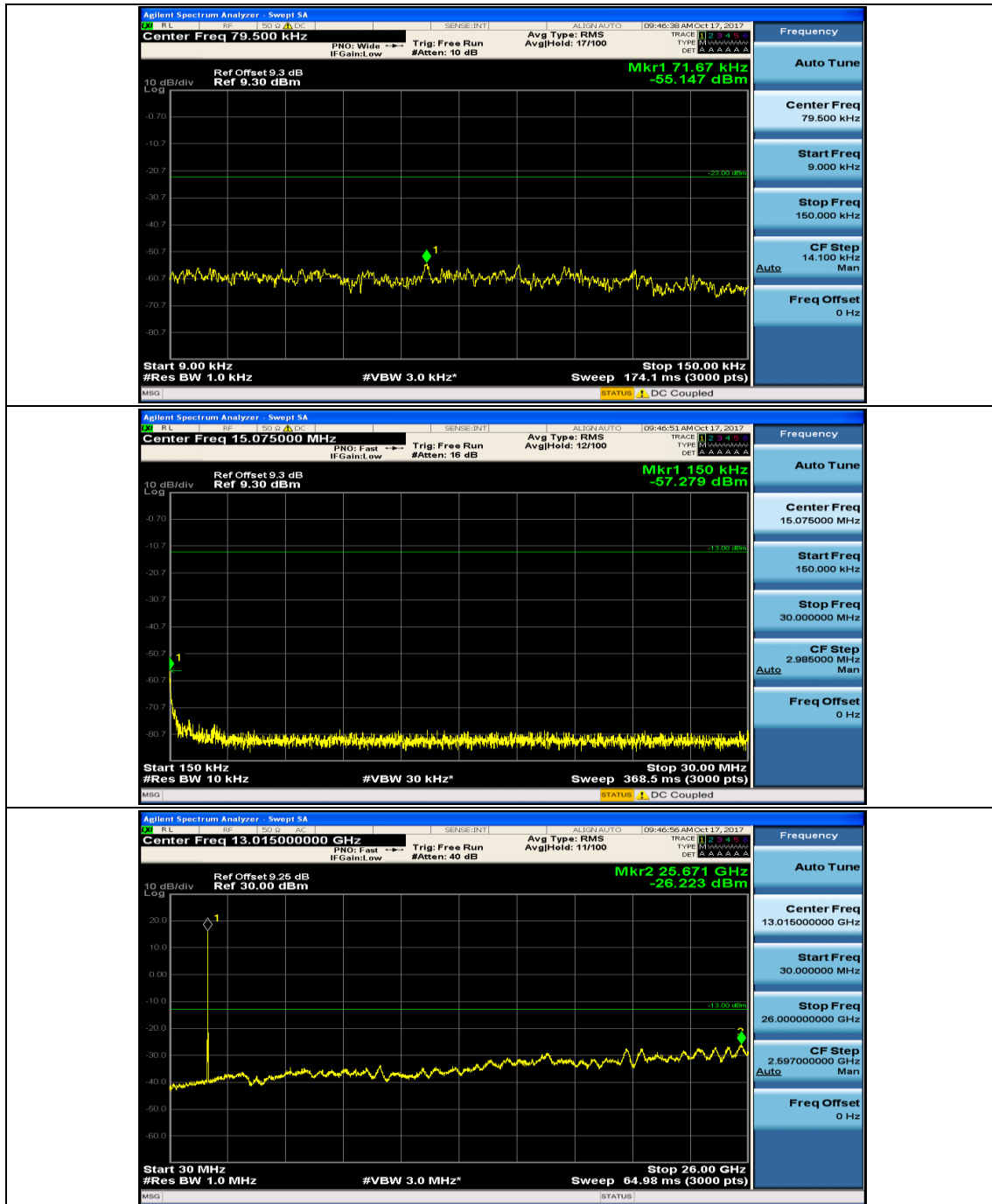


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49





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	2.14	0.001244	± 2.5	PASS
		VN	TN	4.04	0.002349	± 2.5	PASS
		VH	TN	3.58	0.002081	± 2.5	PASS
	MCH	VL	TN	3.12	0.001801	± 2.5	PASS
		VN	TN	-1.95	-0.001126	± 2.5	PASS
		VH	TN	4.24	0.002447	± 2.5	PASS
	HCH	VL	TN	0.33	0.000189	± 2.5	PASS
		VN	TN	4.66	0.002670	± 2.5	PASS
		VH	TN	4.6	0.002636	± 2.5	PASS
16QAM	LCH	VL	TN	2.07	0.001203	± 2.5	PASS
		VN	TN	1.95	0.001134	± 2.5	PASS
		VH	TN	4.27	0.002483	± 2.5	PASS
	MCH	VL	TN	0.49	0.000283	± 2.5	PASS
		VN	TN	-1.66	-0.000958	± 2.5	PASS
		VH	TN	3.09	0.001784	± 2.5	PASS
	HCH	VL	TN	4.26	0.002441	± 2.5	PASS
		VN	TN	2.2	0.001261	± 2.5	PASS
		VH	TN	3.61	0.002069	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.74	0.002756	± 2.5	PASS
		VN	-20	1.12	0.000651	± 2.5	PASS
		VN	-10	1.66	0.000965	± 2.5	PASS
		VN	0	2.24	0.001302	± 2.5	PASS
		VN	10	3.79	0.002203	± 2.5	PASS
		VN	20	-0.46	-0.000267	± 2.5	PASS
		VN	30	2.71	0.001576	± 2.5	PASS
		VN	40	2.04	0.001186	± 2.5	PASS
		VN	50	0.78	0.000453	± 2.5	PASS
	MCH	VN	-30	4.04	0.002332	± 2.5	PASS
		VN	-20	-1.26	-0.000727	± 2.5	PASS

		VN	-10	4.93	0.002846	± 2.5	PASS
		VN	0	-1.29	-0.000745	± 2.5	PASS
		VN	10	1.19	0.000687	± 2.5	PASS
		VN	20	0.75	0.000433	± 2.5	PASS
		VN	30	-0.71	-0.000410	± 2.5	PASS
		VN	40	-0.46	-0.000266	± 2.5	PASS
		VN	50	2.12	0.001224	± 2.5	PASS
	HCH	VN	-30	1.77	0.001014	± 2.5	PASS
		VN	-20	-0.52	-0.000298	± 2.5	PASS
		VN	-10	3.7	0.002120	± 2.5	PASS
		VN	0	-1.99	-0.001140	± 2.5	PASS
		VN	10	2.76	0.001582	± 2.5	PASS
		VN	20	0.62	0.000355	± 2.5	PASS
		VN	30	4.14	0.002372	± 2.5	PASS
		VN	40	3.8	0.002178	± 2.5	PASS
		VN	50	1.36	0.000779	± 2.5	PASS
16QAM	LCH	VN	-30	2.69	0.001553	± 2.5	PASS
		VN	-20	2.88	0.001662	± 2.5	PASS
		VN	-10	2.99	0.001726	± 2.5	PASS
		VN	0	2.48	0.001431	± 2.5	PASS
		VN	10	0.28	0.000162	± 2.5	PASS
		VN	20	4.64	0.002678	± 2.5	PASS
		VN	30	2.23	0.001287	± 2.5	PASS
		VN	40	-0.02	-0.000012	± 2.5	PASS
		VN	50	-0.65	-0.000375	± 2.5	PASS
	MCH	VN	-30	4.9	0.002808	± 2.5	PASS
		VN	-20	-1.47	-0.000842	± 2.5	PASS
		VN	-10	-1.36	-0.000779	± 2.5	PASS
		VN	0	2.44	0.001398	± 2.5	PASS
		VN	10	0.43	0.000246	± 2.5	PASS
		VN	20	4.51	0.002585	± 2.5	PASS
		VN	30	0.61	0.000350	± 2.5	PASS
		VN	40	4.94	0.002831	± 2.5	PASS
		VN	50	-0.85	-0.000487	± 2.5	PASS
	HCH	VN	-30	-0.33	-0.000189	± 2.5	PASS
		VN	-20	2.98	0.001708	± 2.5	PASS
		VN	-10	-0.59	-0.000338	± 2.5	PASS
		VN	0	3.58	0.002052	± 2.5	PASS
		VN	10	1.99	0.001140	± 2.5	PASS
		VN	20	-1.82	-0.001043	± 2.5	PASS
		VN	30	2.35	0.001347	± 2.5	PASS

		VN	40	0.49	0.000281	± 2.5	PASS
		VN	50	-1.09	-0.000625	± 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	0.77	0.000448	± 2.5	PASS
		VN	TN	-1.32	-0.000767	± 2.5	PASS
		VH	TN	0.81	0.000471	± 2.5	PASS
	MCH	VL	TN	4.53	0.002615	± 2.5	PASS
		VN	TN	0.48	0.000277	± 2.5	PASS
		VH	TN	3.47	0.002003	± 2.5	PASS
	HCH	VL	TN	1.65	0.000946	± 2.5	PASS
		VN	TN	3.92	0.002246	± 2.5	PASS
		VH	TN	-0.44	-0.000252	± 2.5	PASS
16QAM	LCH	VL	TN	3.98	0.002314	± 2.5	PASS
		VN	TN	0.26	0.000151	± 2.5	PASS
		VH	TN	2.78	0.001616	± 2.5	PASS
	MCH	VL	TN	-1.71	-0.000987	± 2.5	PASS
		VN	TN	3.97	0.002291	± 2.5	PASS
		VH	TN	0.72	0.000416	± 2.5	PASS
	HCH	VL	TN	-1.58	-0.000905	± 2.5	PASS
		VN	TN	4.94	0.002831	± 2.5	PASS
		VH	TN	2.99	0.001713	± 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	2.95	0.001715	± 2.5	PASS
		VN	-10	2.32	0.001349	± 2.5	PASS
		VN	0	-0.65	-0.000378	± 2.5	PASS
		VN	10	2.04	0.001186	± 2.5	PASS
		VN	20	2.92	0.001698	± 2.5	PASS
		VN	30	4.19	0.002436	± 2.5	PASS
		VN	40	0.33	0.000192	± 2.5	PASS
		VN	50	0.24	0.000140	± 2.5	PASS
	MCH	VN	-30	-1.25	-0.000722	± 2.5	PASS
		VN	-20	2.53	0.001460	± 2.5	PASS
		VN	-10	-1.98	-0.001143	± 2.5	PASS

		VN	0	0.43	0.000248	± 2.5	PASS
		VN	10	4.5	0.002597	± 2.5	PASS
		VN	20	2.96	0.001709	± 2.5	PASS
		VN	30	-1.94	-0.001120	± 2.5	PASS
		VN	40	0.74	0.000427	± 2.5	PASS
		VN	50	0.01	0.000006	± 2.5	PASS
	HCH	VN	-30	2.96	0.001696	± 2.5	PASS
		VN	-20	1.86	0.001066	± 2.5	PASS
		VN	-10	4.89	0.002802	± 2.5	PASS
		VN	0	3.98	0.002281	± 2.5	PASS
		VN	10	-0.22	-0.000126	± 2.5	PASS
		VN	20	0.99	0.000567	± 2.5	PASS
		VN	30	-1.1	-0.000630	± 2.5	PASS
		VN	40	3.97	0.002275	± 2.5	PASS
		VN	50	4.5	0.002579	± 2.5	PASS
QPSK	LCH	VN	-30	3.08	0.001778	± 2.5	PASS
		VN	-20	0.52	0.000300	± 2.5	PASS
		VN	-10	3.37	0.001945	± 2.5	PASS
		VN	0	0.83	0.000479	± 2.5	PASS
		VN	10	-1.25	-0.000722	± 2.5	PASS
		VN	20	-0.96	-0.000554	± 2.5	PASS
		VN	30	3.56	0.002055	± 2.5	PASS
		VN	40	-1.66	-0.000958	± 2.5	PASS
		VN	50	3.14	0.001812	± 2.5	PASS
	MCH	VN	-30	-0.11	-0.000063	± 2.5	PASS
		VN	-20	1.83	0.001049	± 2.5	PASS
		VN	-10	-0.6	-0.000344	± 2.5	PASS
		VN	0	-1.07	-0.000613	± 2.5	PASS
		VN	10	0.36	0.000206	± 2.5	PASS
		VN	20	4.75	0.002722	± 2.5	PASS
		VN	30	3.75	0.002149	± 2.5	PASS
		VN	40	-1.82	-0.001043	± 2.5	PASS
		VN	50	-0.45	-0.000258	± 2.5	PASS
	HCH	VN	-30	-0.76	-0.000436	± 2.5	PASS
		VN	-20	4.43	0.002539	± 2.5	PASS
		VN	-10	0.75	0.000430	± 2.5	PASS
		VN	0	2.42	0.001387	± 2.5	PASS
		VN	10	3.11	0.001782	± 2.5	PASS
		VN	20	0.69	0.000395	± 2.5	PASS
		VN	30	1.22	0.000699	± 2.5	PASS
		VN	40	1.02	0.000585	± 2.5	PASS

		VN	50	-0.14	-0.000080	± 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	1.39	0.000808	± 2.5	PASS
		VN	TN	0.8	0.000465	± 2.5	PASS
		VH	TN	3.7	0.002151	± 2.5	PASS
	MCH	VL	TN	0.44	0.000254	± 2.5	PASS
		VN	TN	3.18	0.001835	± 2.5	PASS
		VH	TN	-0.61	-0.000352	± 2.5	PASS
	HCH	VL	TN	-0.32	-0.000183	± 2.5	PASS
		VN	TN	-0.25	-0.000143	± 2.5	PASS
		VH	TN	0.28	0.000160	± 2.5	PASS
16QAM	LCH	VL	TN	1.77	0.001029	± 2.5	PASS
		VN	TN	1.62	0.000942	± 2.5	PASS
		VH	TN	-1.16	-0.000674	± 2.5	PASS
	MCH	VL	TN	4	0.002309	± 2.5	PASS
		VN	TN	3.27	0.001887	± 2.5	PASS
		VH	TN	-0.11	-0.000063	± 2.5	PASS
	HCH	VL	TN	1.04	0.000596	± 2.5	PASS
		VN	TN	2.4	0.001375	± 2.5	PASS
		VH	TN	-1.83	-0.001049	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.77	-0.001029	± 2.5	PASS
		VN	-20	4.71	0.002738	± 2.5	PASS
		VN	-10	1.73	0.001006	± 2.5	PASS
		VN	0	1.07	0.000622	± 2.5	PASS
		VN	10	1.75	0.001017	± 2.5	PASS
		VN	20	1.45	0.000843	± 2.5	PASS
		VN	30	0.07	0.000041	± 2.5	PASS
		VN	40	1.33	0.000773	± 2.5	PASS
		VN	50	-0.16	-0.000093	± 2.5	PASS
	MCH	VN	-30	4.18	0.002413	± 2.5	PASS
		VN	-20	3.09	0.001784	± 2.5	PASS
		VN	-10	2.21	0.001276	± 2.5	PASS
		VN	0	-0.32	-0.000185	± 2.5	PASS

		VN	10	0.68	0.000392	± 2.5	PASS
		VN	20	-1	-0.000577	± 2.5	PASS
		VN	30	4.89	0.002823	± 2.5	PASS
		VN	40	4.13	0.002384	± 2.5	PASS
		VN	50	0.15	0.000087	± 2.5	PASS
	HCH	VN	-30	2.93	0.001679	± 2.5	PASS
		VN	-20	1.4	0.000802	± 2.5	PASS
		VN	-10	3.73	0.002138	± 2.5	PASS
		VN	0	3.85	0.002206	± 2.5	PASS
		VN	10	4.44	0.002544	± 2.5	PASS
		VN	20	3.85	0.002206	± 2.5	PASS
		VN	30	1.22	0.000699	± 2.5	PASS
		VN	40	-0.32	-0.000183	± 2.5	PASS
		VN	50	4.72	0.002705	± 2.5	PASS
		VN	-30	-1.46	-0.000843	± 2.5	PASS
16QAM	LCH	VN	-20	2.88	0.001662	± 2.5	PASS
		VN	-10	1.91	0.001102	± 2.5	PASS
		VN	0	3.6	0.002078	± 2.5	PASS
		VN	10	4.68	0.002701	± 2.5	PASS
		VN	20	0.76	0.000439	± 2.5	PASS
		VN	30	0.89	0.000514	± 2.5	PASS
		VN	40	-0.4	-0.000231	± 2.5	PASS
		VN	50	2.5	0.001443	± 2.5	PASS
	MCH	VN	-30	1.53	0.000877	± 2.5	PASS
		VN	-20	1.88	0.001077	± 2.5	PASS
		VN	-10	2.03	0.001163	± 2.5	PASS
		VN	0	-1.23	-0.000705	± 2.5	PASS
		VN	10	3.52	0.002017	± 2.5	PASS
		VN	20	4.02	0.002304	± 2.5	PASS
		VN	30	-1.11	-0.000636	± 2.5	PASS
		VN	40	4.51	0.002585	± 2.5	PASS
		VN	50	3.16	0.001811	± 2.5	PASS
	HCH	VN	-30	2.52	0.001444	± 2.5	PASS
		VN	-20	0.37	0.000212	± 2.5	PASS
		VN	-10	-0.7	-0.000401	± 2.5	PASS
		VN	0	1.83	0.001049	± 2.5	PASS
		VN	10	-1.81	-0.001037	± 2.5	PASS
		VN	20	2.15	0.001232	± 2.5	PASS
		VN	30	0.81	0.000464	± 2.5	PASS
		VN	40	-0.59	-0.000338	± 2.5	PASS
		VN	50	4.69	0.002688	± 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	1.2	0.000698	± 2.5	PASS
		VN	TN	4.36	0.002535	± 2.5	PASS
		VH	TN	4.73	0.002750	± 2.5	PASS
	MCH	VL	TN	3.4	0.001962	± 2.5	PASS
		VN	TN	2.5	0.001443	± 2.5	PASS
		VH	TN	2.58	0.001489	± 2.5	PASS
	HCH	VL	TN	2.56	0.001467	± 2.5	PASS
		VN	TN	-0.3	-0.000172	± 2.5	PASS
		VH	TN	4.9	0.002808	± 2.5	PASS
16QAM	LCH	VL	TN	-1.85	-0.001076	± 2.5	PASS
		VN	TN	4.33	0.002517	± 2.5	PASS
		VH	TN	0.26	0.000151	± 2.5	PASS
	MCH	VL	TN	3.2	0.001847	± 2.5	PASS
		VN	TN	4.56	0.002632	± 2.5	PASS
		VH	TN	3.53	0.002038	± 2.5	PASS
	HCH	VL	TN	2.5	0.001433	± 2.5	PASS
		VN	TN	0.7	0.000401	± 2.5	PASS
		VH	TN	0.35	0.000201	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	4	0.002326	± 2.5	PASS
		VN	-20	4.05	0.002355	± 2.5	PASS
		VN	-10	0.44	0.000256	± 2.5	PASS
		VN	0	-1.93	-0.001122	± 2.5	PASS
		VN	10	4.46	0.002593	± 2.5	PASS
		VN	20	3.45	0.002006	± 2.5	PASS
		VN	30	-0.49	-0.000285	± 2.5	PASS
		VN	40	-1.7	-0.000988	± 2.5	PASS
		VN	50	1.16	0.000674	± 2.5	PASS
	MCH	VN	-30	-1.17	-0.000675	± 2.5	PASS
		VN	-20	4.58	0.002644	± 2.5	PASS
		VN	-10	-1.8	-0.001039	± 2.5	PASS
		VN	0	-0.66	-0.000381	± 2.5	PASS
		VN	10	4.42	0.002551	± 2.5	PASS
		VN	20	-1.97	-0.001137	± 2.5	PASS

		VN	30	2.67	0.001541	± 2.5	PASS
		VN	40	0.77	0.000444	± 2.5	PASS
		VN	50	4.24	0.002447	± 2.5	PASS
	HCH	VN	-30	4.16	0.002384	± 2.5	PASS
		VN	-20	3.79	0.002172	± 2.5	PASS
		VN	-10	2.39	0.001370	± 2.5	PASS
		VN	0	0.53	0.000304	± 2.5	PASS
		VN	10	-0.21	-0.000120	± 2.5	PASS
		VN	20	-0.73	-0.000418	± 2.5	PASS
		VN	30	1.09	0.000625	± 2.5	PASS
		VN	40	-0.91	-0.000521	± 2.5	PASS
		VN	50	2.02	0.001158	± 2.5	PASS
QPSK	LCH	VN	-30	1.6	0.000924	± 2.5	PASS
		VN	-20	4.8	0.002771	± 2.5	PASS
		VN	-10	-1.73	-0.000999	± 2.5	PASS
		VN	0	2.96	0.001709	± 2.5	PASS
		VN	10	2.42	0.001397	± 2.5	PASS
		VN	20	-0.69	-0.000398	± 2.5	PASS
		VN	30	-1.86	-0.001074	± 2.5	PASS
		VN	40	-1.03	-0.000595	± 2.5	PASS
		VN	50	2.25	0.001299	± 2.5	PASS
	MCH	VN	-30	4.34	0.002487	± 2.5	PASS
		VN	-20	1.11	0.000636	± 2.5	PASS
		VN	-10	0.95	0.000544	± 2.5	PASS
		VN	0	2.6	0.001490	± 2.5	PASS
		VN	10	3.11	0.001782	± 2.5	PASS
		VN	20	-0.13	-0.000074	± 2.5	PASS
		VN	30	-0.28	-0.000160	± 2.5	PASS
		VN	40	0.86	0.000493	± 2.5	PASS
		VN	50	3.72	0.002132	± 2.5	PASS
	HCH	VN	-30	3.29	0.001885	± 2.5	PASS
		VN	-20	3.85	0.002206	± 2.5	PASS
		VN	-10	-1.61	-0.000923	± 2.5	PASS
		VN	0	0.02	0.000011	± 2.5	PASS
		VN	10	-1.55	-0.000888	± 2.5	PASS
		VN	20	4.62	0.002648	± 2.5	PASS
		VN	30	-0.2	-0.000115	± 2.5	PASS
		VN	40	3.57	0.002046	± 2.5	PASS
		VN	50	4.6	0.002636	± 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	3.68	0.002140	± 2.5	PASS
		VN	TN	0.4	0.000233	± 2.5	PASS
		VH	TN	2.62	0.001523	± 2.5	PASS
	MCH	VL	TN	3.97	0.002291	± 2.5	PASS
		VN	TN	4.35	0.002511	± 2.5	PASS
		VH	TN	-1.72	-0.000993	± 2.5	PASS
	HCH	VL	TN	-0.24	-0.000138	± 2.5	PASS
		VN	TN	0.17	0.000097	± 2.5	PASS
		VH	TN	0.51	0.000292	± 2.5	PASS
16QAM	LCH	VL	TN	0.96	0.000558	± 2.5	PASS
		VN	TN	0.07	0.000041	± 2.5	PASS
		VH	TN	1.6	0.000930	± 2.5	PASS
	MCH	VL	TN	-1.22	-0.000704	± 2.5	PASS
		VN	TN	0.1	0.000058	± 2.5	PASS
		VH	TN	-0.12	-0.000069	± 2.5	PASS
	HCH	VL	TN	-1.73	-0.000991	± 2.5	PASS
		VN	TN	2.16	0.001238	± 2.5	PASS
		VH	TN	1.79	0.001026	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.61	0.000936	± 2.5	PASS
		VN	-20	3.88	0.002256	± 2.5	PASS
		VN	-10	2.31	0.001343	± 2.5	PASS
		VN	0	3.14	0.001826	± 2.5	PASS
		VN	10	1.56	0.000907	± 2.5	PASS
		VN	20	0.64	0.000372	± 2.5	PASS
		VN	30	-1.55	-0.000901	± 2.5	PASS
		VN	40	0.58	0.000337	± 2.5	PASS
		VN	50	0.47	0.000273	± 2.5	PASS
	MCH	VN	-30	0.21	0.000121	± 2.5	PASS
		VN	-20	2.09	0.001206	± 2.5	PASS
		VN	-10	1.37	0.000791	± 2.5	PASS
		VN	0	0.2	0.000115	± 2.5	PASS
		VN	10	1.52	0.000877	± 2.5	PASS
		VN	20	2.59	0.001495	± 2.5	PASS

		VN	30	-1.3	-0.000750	± 2.5	PASS
		VN	40	2.75	0.001587	± 2.5	PASS
		VN	50	0.93	0.000537	± 2.5	PASS
	HCH	VN	-30	-1.02	-0.000585	± 2.5	PASS
		VN	-20	0.38	0.000218	± 2.5	PASS
		VN	-10	-1.02	-0.000585	± 2.5	PASS
		VN	0	-0.62	-0.000355	± 2.5	PASS
		VN	10	3.12	0.001788	± 2.5	PASS
		VN	20	1.03	0.000590	± 2.5	PASS
		VN	30	2.12	0.001215	± 2.5	PASS
		VN	40	-1.49	-0.000854	± 2.5	PASS
		VN	50	-0.59	-0.000338	± 2.5	PASS
QPSK	LCH	VN	-30	-0.2	-0.000115	± 2.5	PASS
		VN	-20	3.62	0.002089	± 2.5	PASS
		VN	-10	4.39	0.002534	± 2.5	PASS
		VN	0	-0.97	-0.000560	± 2.5	PASS
		VN	10	4.53	0.002615	± 2.5	PASS
		VN	20	1.8	0.001039	± 2.5	PASS
		VN	30	0.63	0.000364	± 2.5	PASS
		VN	40	3.55	0.002049	± 2.5	PASS
		VN	50	0.91	0.000525	± 2.5	PASS
	MCH	VN	-30	0.15	0.000086	± 2.5	PASS
		VN	-20	-1.53	-0.000877	± 2.5	PASS
		VN	-10	3.24	0.001857	± 2.5	PASS
		VN	0	4.88	0.002797	± 2.5	PASS
		VN	10	-0.03	-0.000017	± 2.5	PASS
		VN	20	2.88	0.001650	± 2.5	PASS
		VN	30	-1.34	-0.000768	± 2.5	PASS
		VN	40	1.3	0.000745	± 2.5	PASS
		VN	50	-0.37	-0.000212	± 2.5	PASS
	HCH	VN	-30	1.12	0.000642	± 2.5	PASS
		VN	-20	4.02	0.002304	± 2.5	PASS
		VN	-10	0.42	0.000241	± 2.5	PASS
		VN	0	3.97	0.002275	± 2.5	PASS
		VN	10	4.67	0.002676	± 2.5	PASS
		VN	20	4.43	0.002539	± 2.5	PASS
		VN	30	0.5	0.000287	± 2.5	PASS
		VN	40	2.74	0.001570	± 2.5	PASS
		VN	50	3.41	0.001954	± 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	-1.16	-0.000674	± 2.5	PASS
		VN	TN	0.01	0.000006	± 2.5	PASS
		VH	TN	4.76	0.002767	± 2.5	PASS
	MCH	VL	TN	3.86	0.002228	± 2.5	PASS
		VN	TN	-1.53	-0.000883	± 2.5	PASS
		VH	TN	3.46	0.001997	± 2.5	PASS
	HCH	VL	TN	1.94	0.001112	± 2.5	PASS
		VN	TN	-0.89	-0.000510	± 2.5	PASS
		VH	TN	1.1	0.000630	± 2.5	PASS
16QAM	LCH	VL	TN	0.48	0.000279	± 2.5	PASS
		VN	TN	2.1	0.001221	± 2.5	PASS
		VH	TN	2.65	0.001541	± 2.5	PASS
	MCH	VL	TN	3.25	0.001876	± 2.5	PASS
		VN	TN	3.03	0.001749	± 2.5	PASS
		VH	TN	-1.33	-0.000768	± 2.5	PASS
	HCH	VL	TN	0.6	0.000344	± 2.5	PASS
		VN	TN	2.87	0.001645	± 2.5	PASS
		VH	TN	0.49	0.000281	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.26	-0.000733	± 2.5	PASS
		VN	-20	4.33	0.002517	± 2.5	PASS
		VN	-10	-1.35	-0.000785	± 2.5	PASS
		VN	0	3.08	0.001791	± 2.5	PASS
		VN	10	-1.96	-0.001140	± 2.5	PASS
		VN	20	-0.21	-0.000122	± 2.5	PASS
		VN	30	3.73	0.002169	± 2.5	PASS
		VN	40	0.39	0.000227	± 2.5	PASS
		VN	50	4.8	0.002791	± 2.5	PASS
	MCH	VN	-30	1.25	0.000722	± 2.5	PASS
		VN	-20	1.62	0.000935	± 2.5	PASS
		VN	-10	1.02	0.000589	± 2.5	PASS
		VN	0	-1.98	-0.001143	± 2.5	PASS
		VN	10	1.88	0.001085	± 2.5	PASS
		VN	20	3.52	0.002032	± 2.5	PASS

		VN	30	2.57	0.001483	± 2.5	PASS
		VN	40	3.66	0.002113	± 2.5	PASS
		VN	50	4.52	0.002609	± 2.5	PASS
	HCH	VN	-30	0.95	0.000544	± 2.5	PASS
		VN	-20	-1.64	-0.000940	± 2.5	PASS
		VN	-10	-1.89	-0.001083	± 2.5	PASS
		VN	0	-0.91	-0.000521	± 2.5	PASS
		VN	10	4.58	0.002625	± 2.5	PASS
		VN	20	2.92	0.001673	± 2.5	PASS
		VN	30	-1.8	-0.001032	± 2.5	PASS
		VN	40	1.88	0.001077	± 2.5	PASS
		VN	50	3.23	0.001851	± 2.5	PASS
QPSK	LCH	VN	-30	-0.47	-0.000271	± 2.5	PASS
		VN	-20	2.24	0.001293	± 2.5	PASS
		VN	-10	4.55	0.002626	± 2.5	PASS
		VN	0	1.74	0.001004	± 2.5	PASS
		VN	10	-0.95	-0.000548	± 2.5	PASS
		VN	20	1.96	0.001131	± 2.5	PASS
		VN	30	-0.49	-0.000283	± 2.5	PASS
		VN	40	4.57	0.002638	± 2.5	PASS
		VN	50	0.01	0.000006	± 2.5	PASS
	MCH	VN	-30	1.31	0.000751	± 2.5	PASS
		VN	-20	2.36	0.001352	± 2.5	PASS
		VN	-10	2.54	0.001456	± 2.5	PASS
		VN	0	1.27	0.000728	± 2.5	PASS
		VN	10	-1.34	-0.000768	± 2.5	PASS
		VN	20	4.8	0.002751	± 2.5	PASS
		VN	30	4.07	0.002332	± 2.5	PASS
		VN	40	2.61	0.001496	± 2.5	PASS
		VN	50	3.38	0.001937	± 2.5	PASS
	HCH	VN	-30	4.21	0.002413	± 2.5	PASS
		VN	-20	4.58	0.002625	± 2.5	PASS
		VN	-10	1.78	0.001020	± 2.5	PASS
		VN	0	-0.57	-0.000327	± 2.5	PASS
		VN	10	3.63	0.002080	± 2.5	PASS
		VN	20	-2	-0.001146	± 2.5	PASS
		VN	30	2.66	0.001524	± 2.5	PASS
		VN	40	4.56	0.002613	± 2.5	PASS
		VN	50	0.95	0.000544	± 2.5	PASS