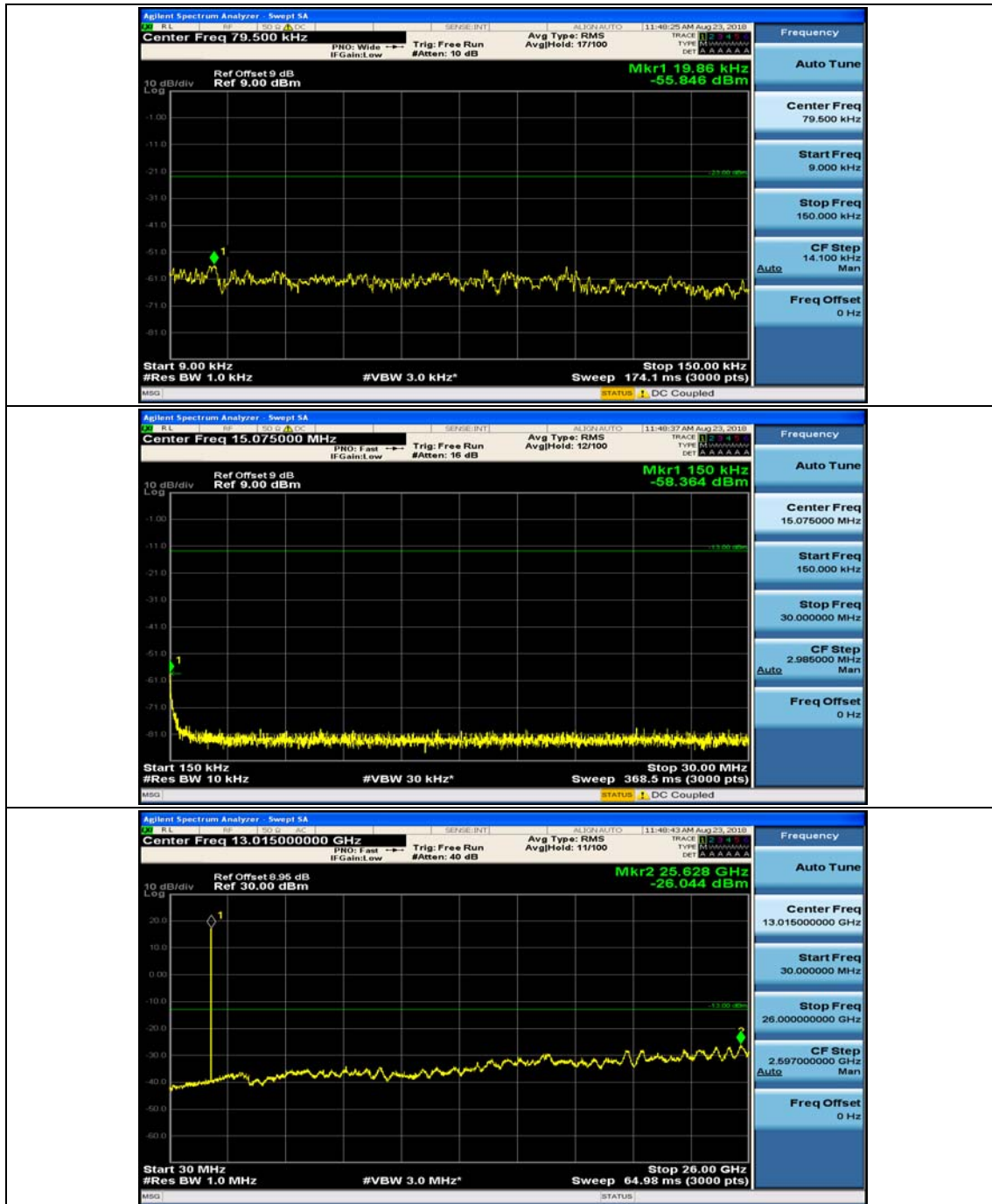
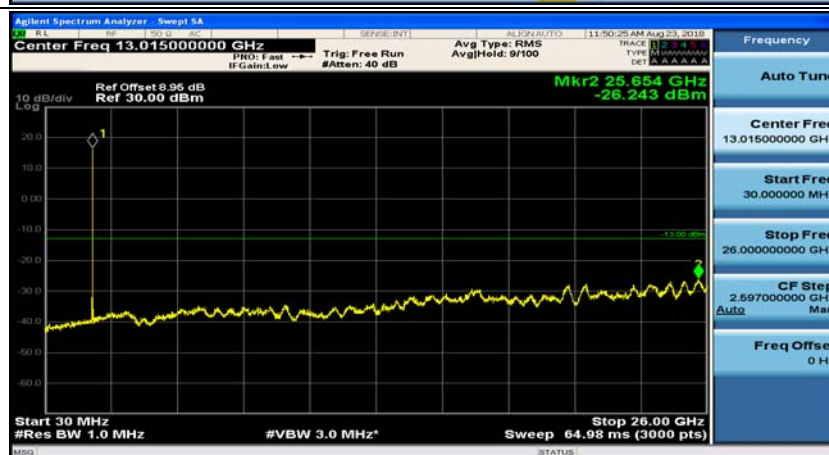
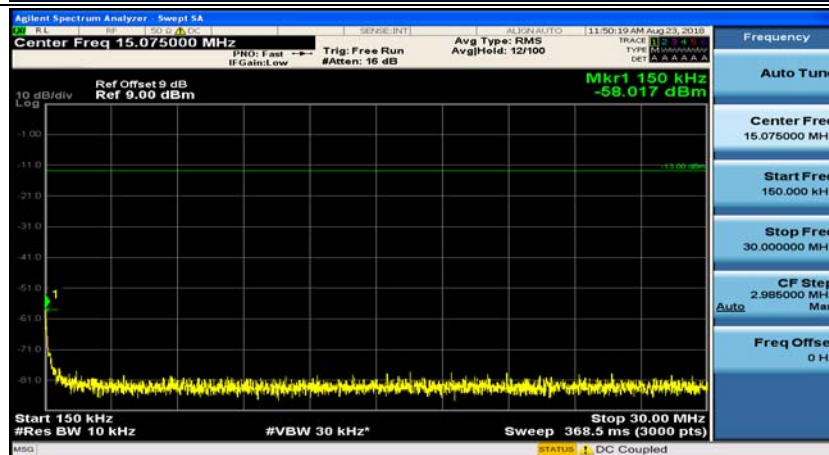
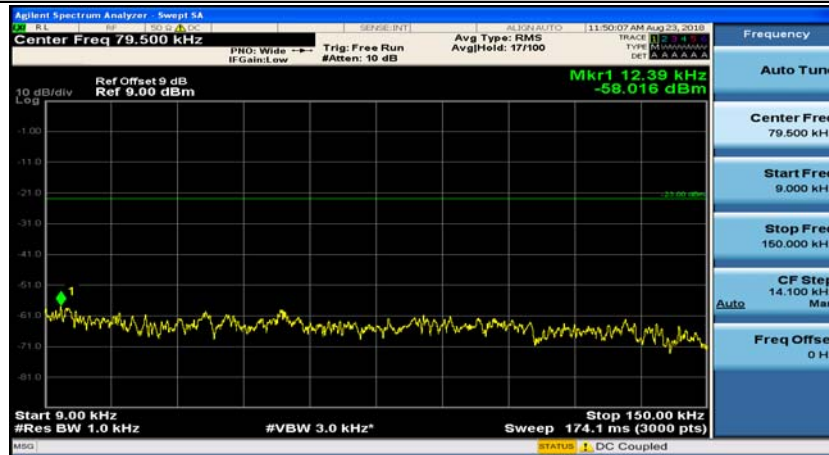
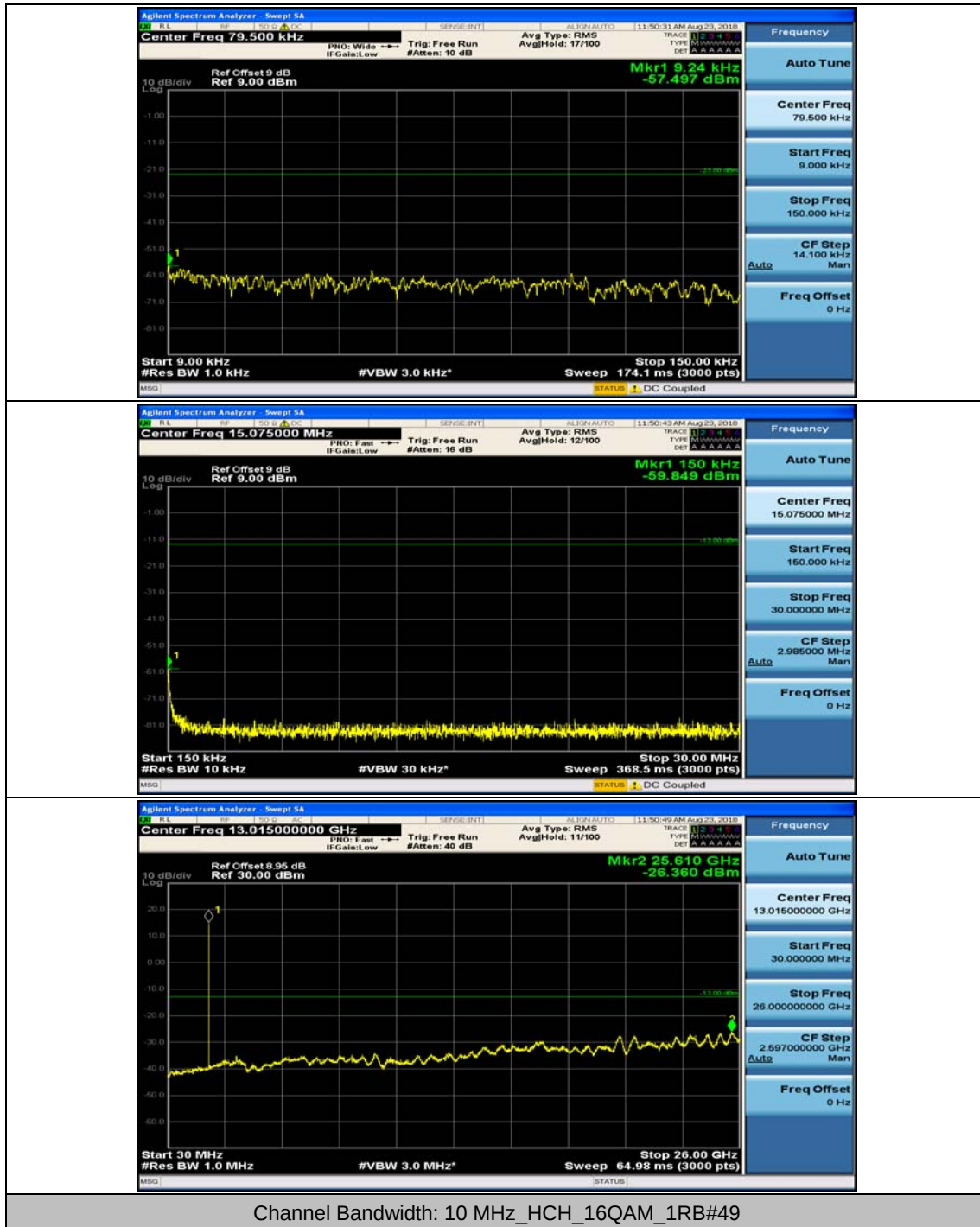


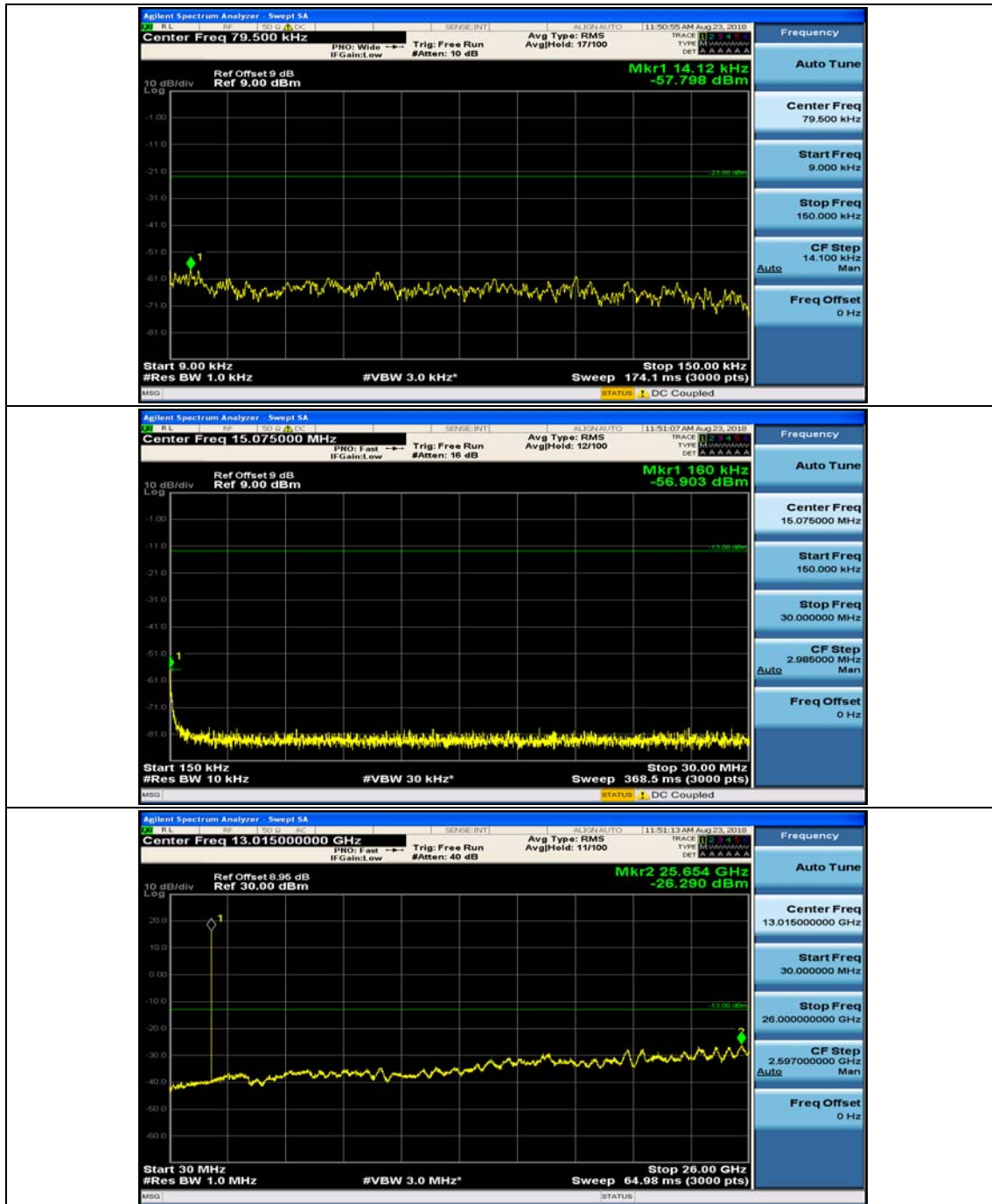


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

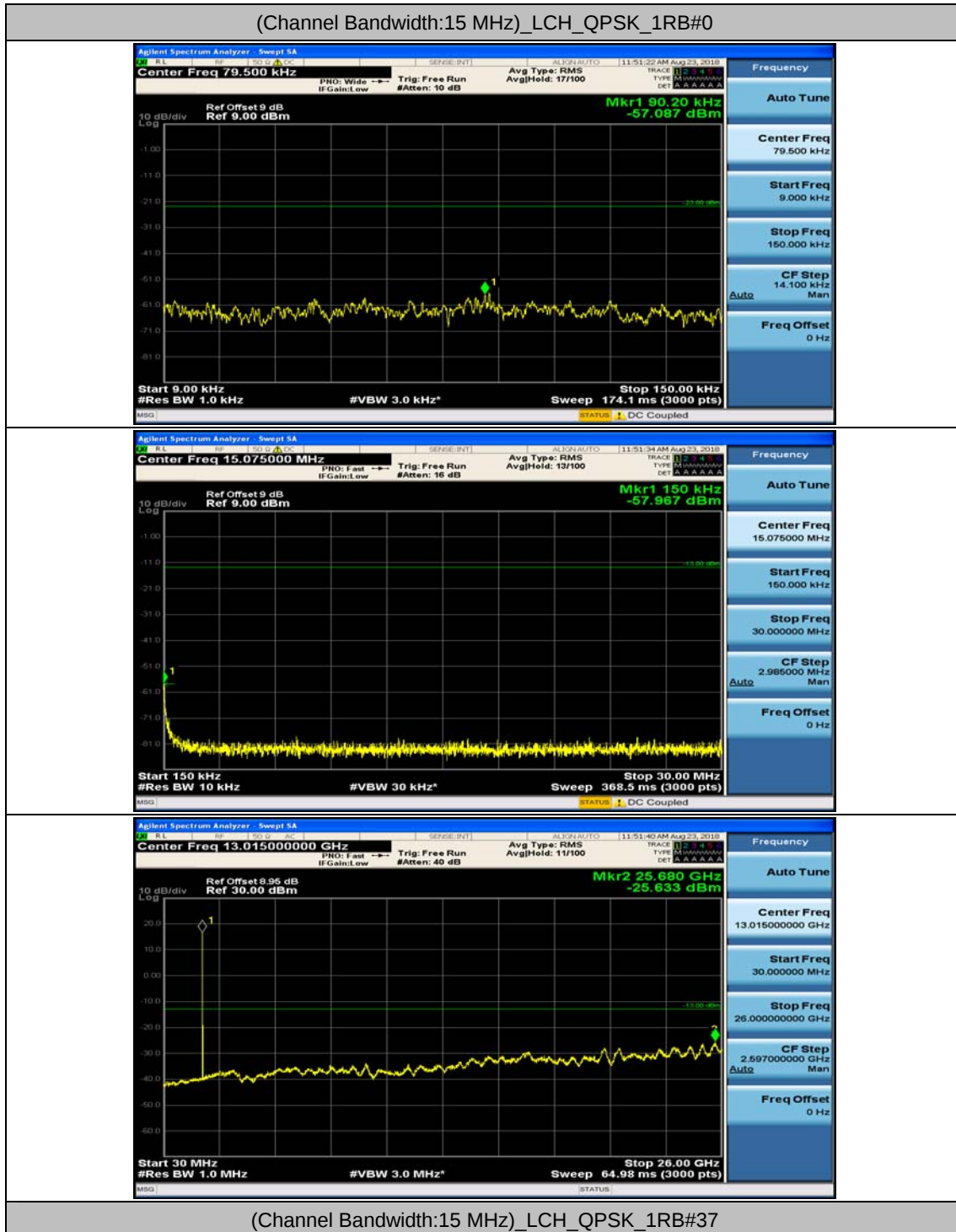


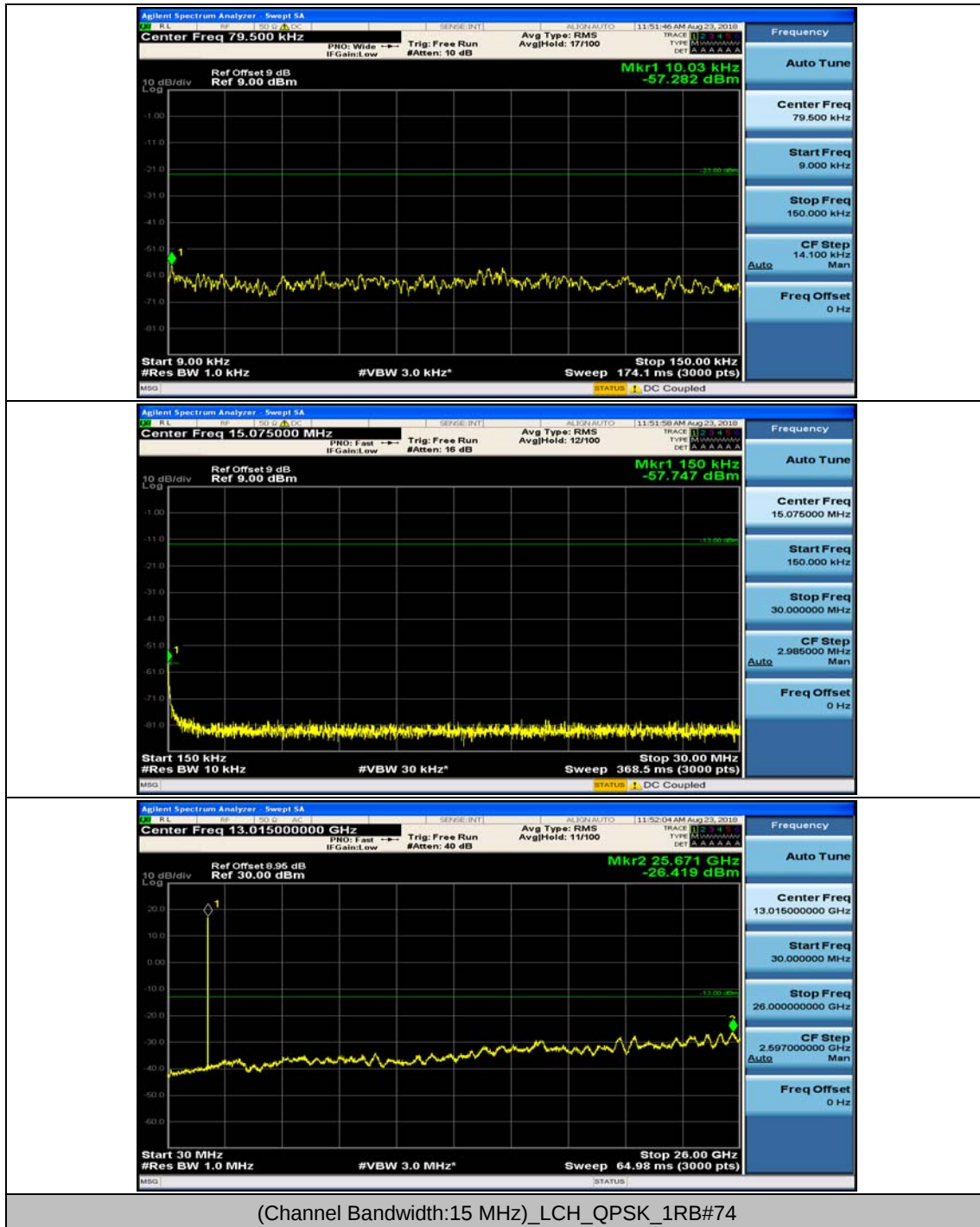
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24

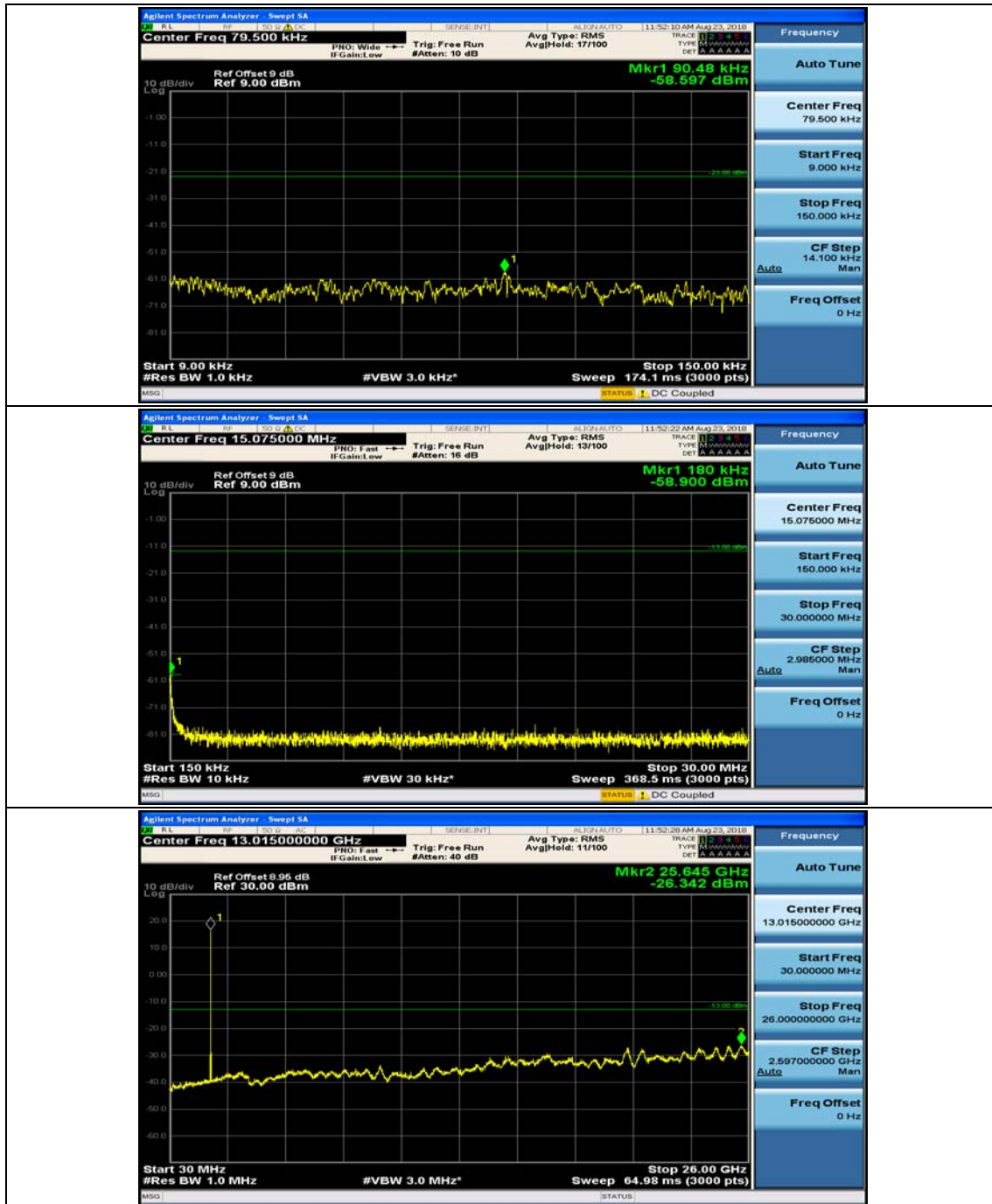




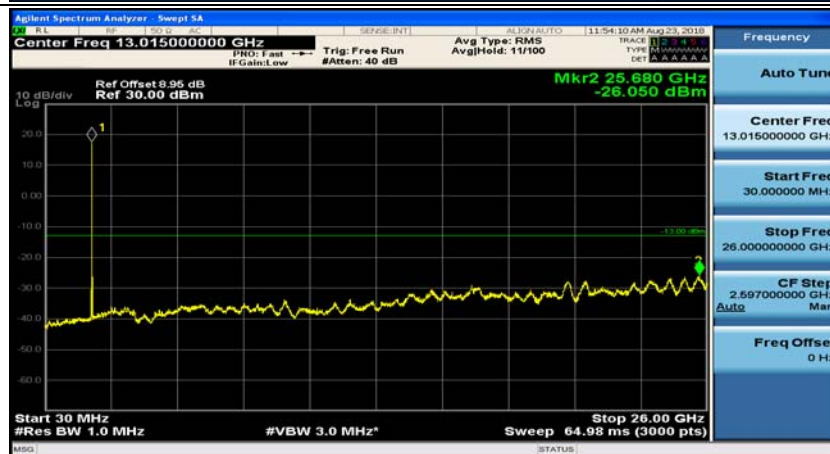
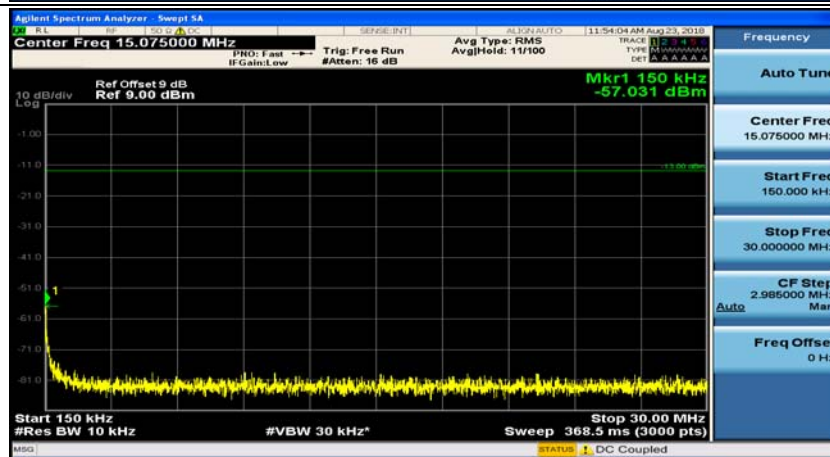
Channel Bandwidth: 15 MHz



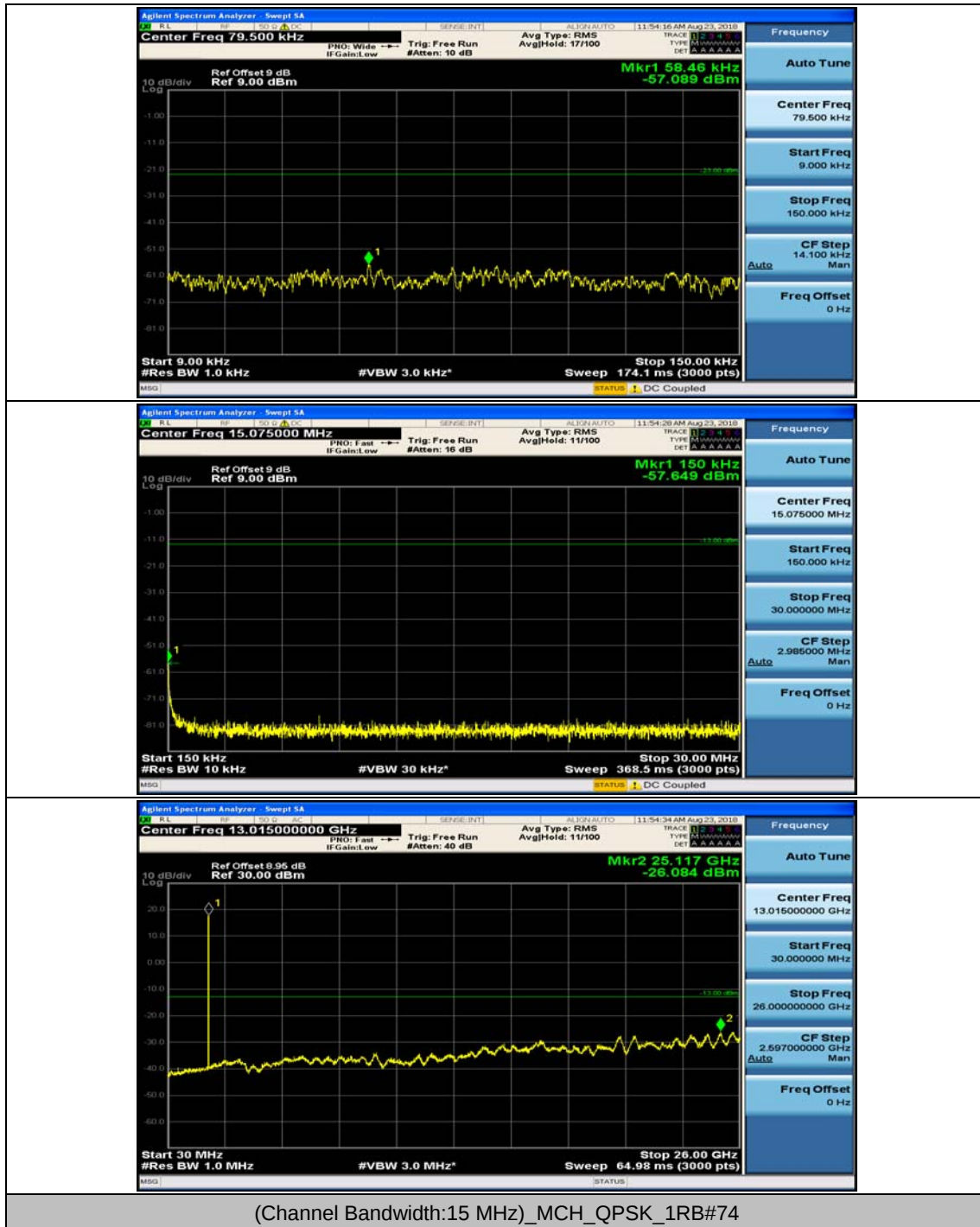


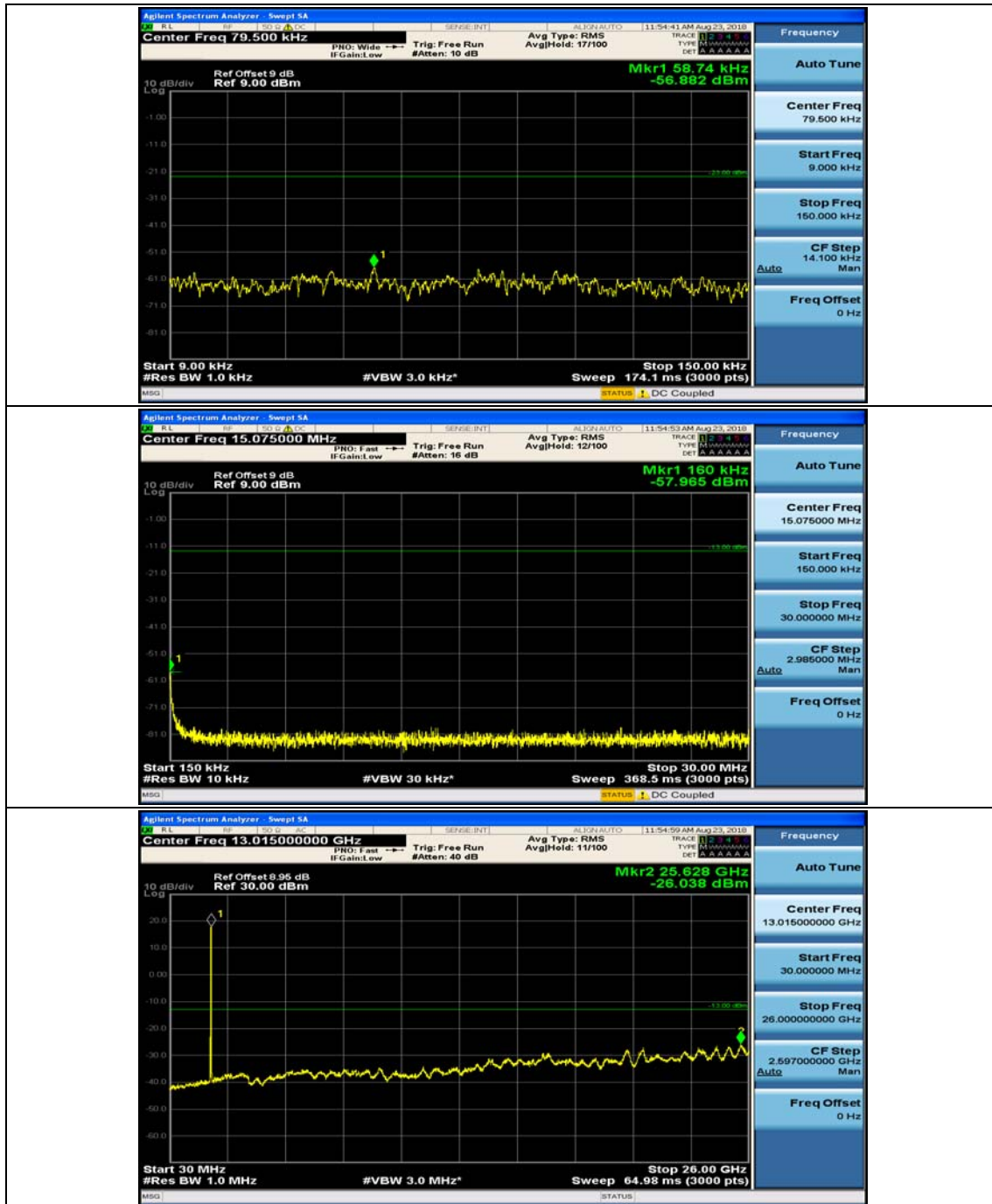


(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

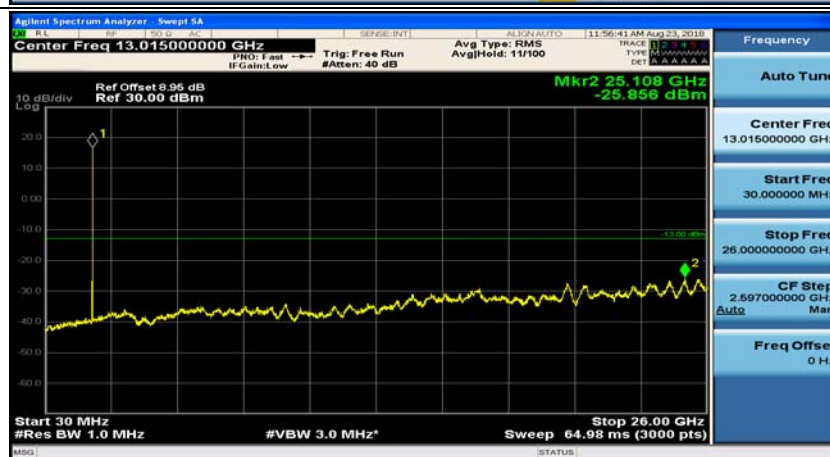
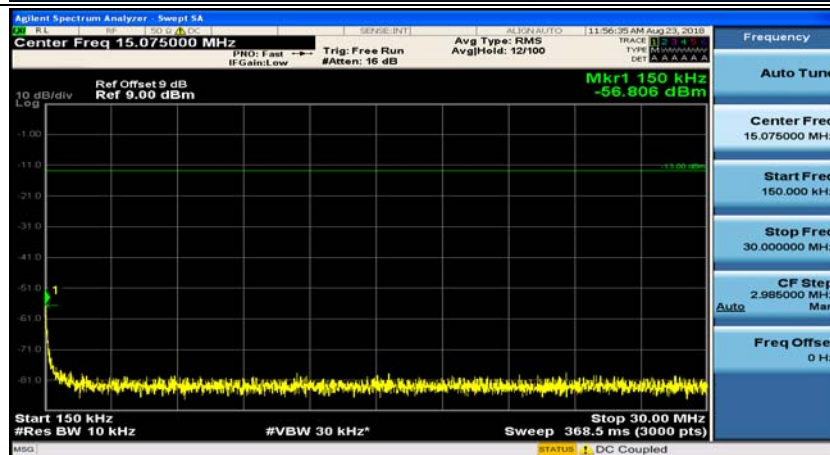
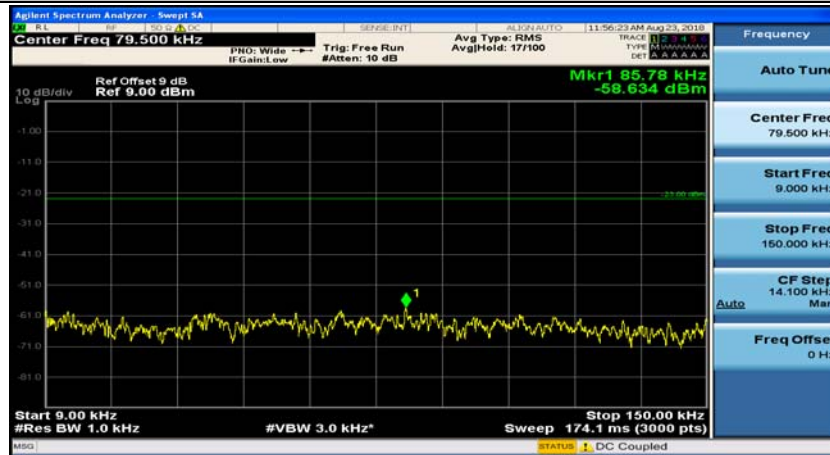


(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37

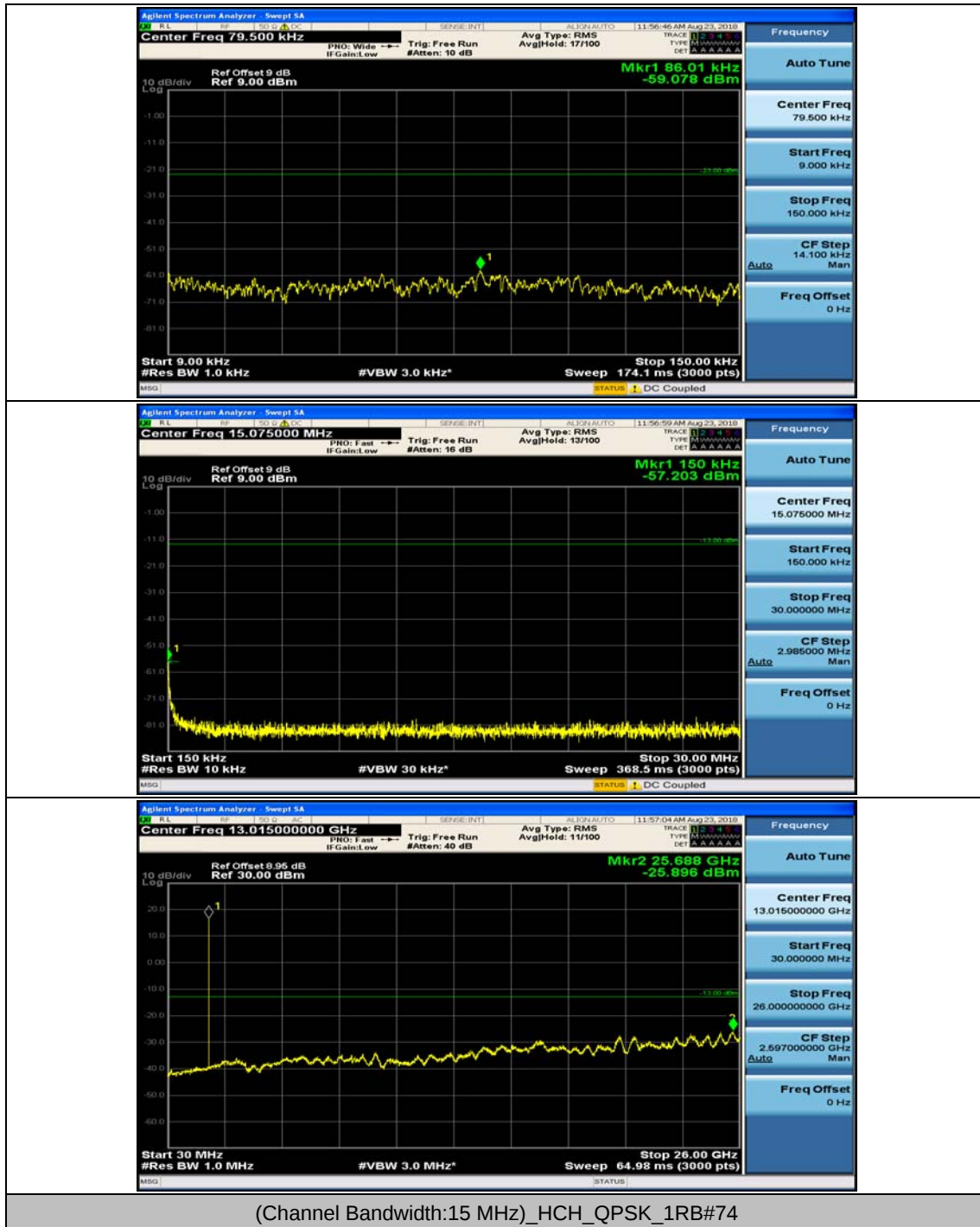


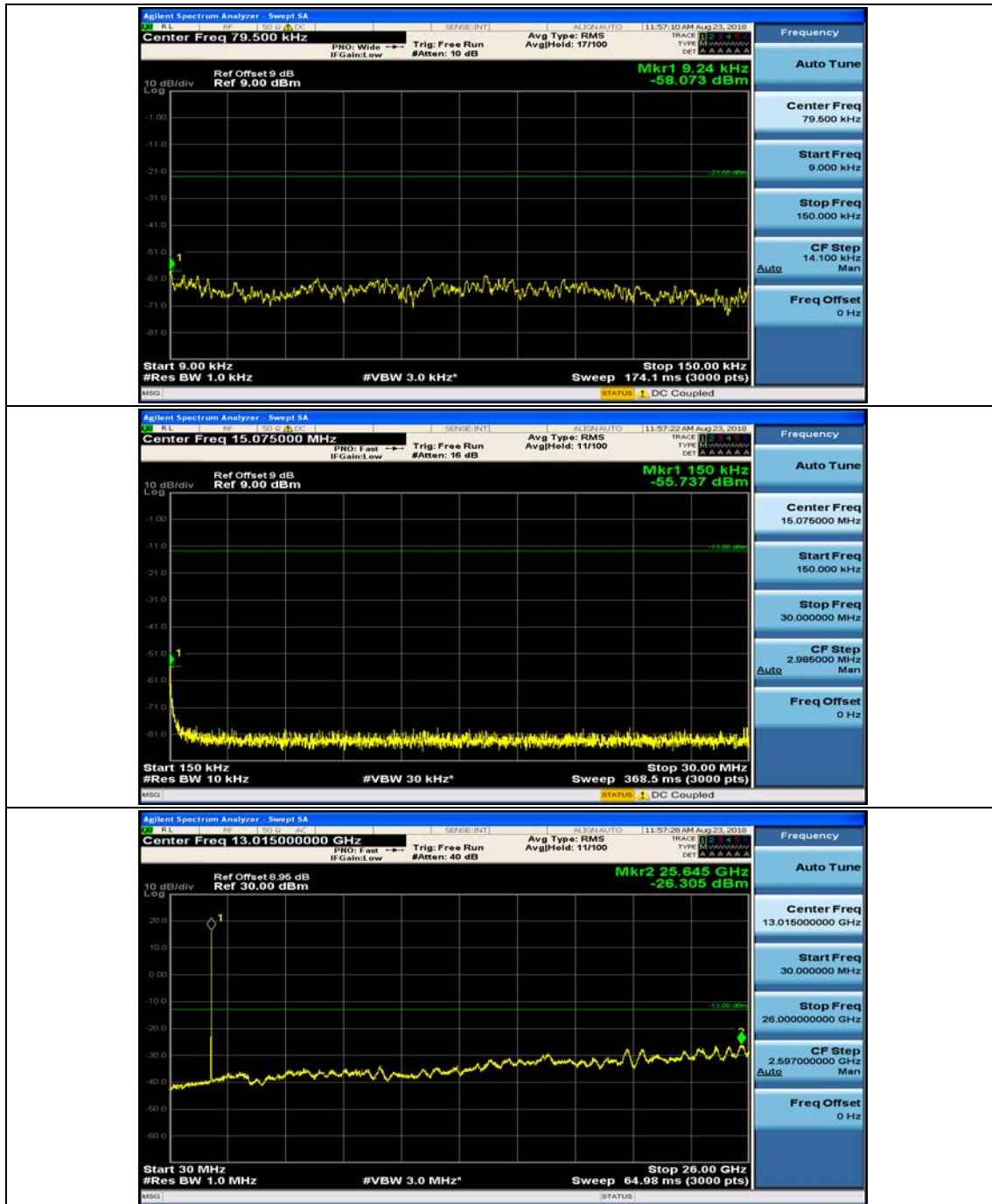


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

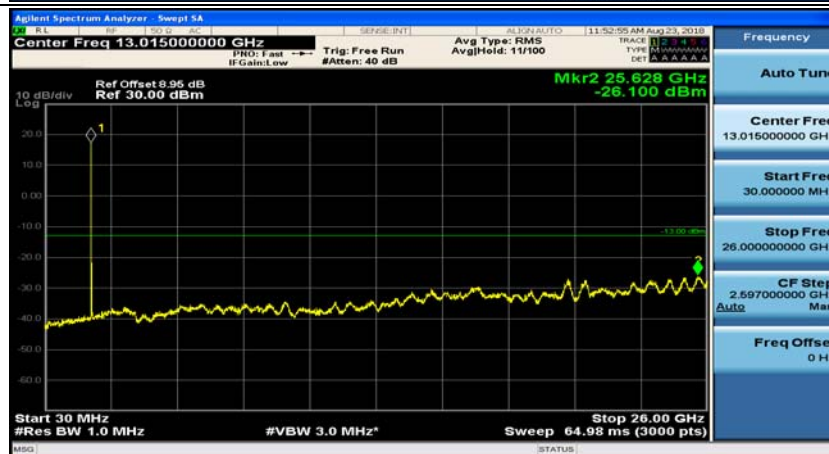
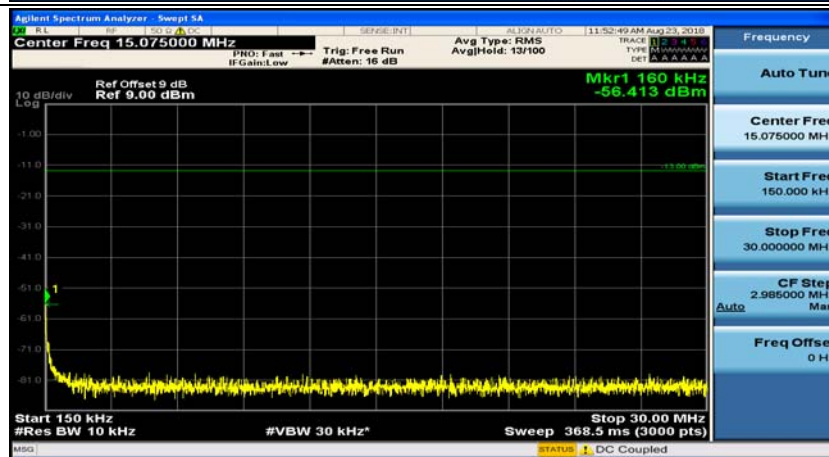
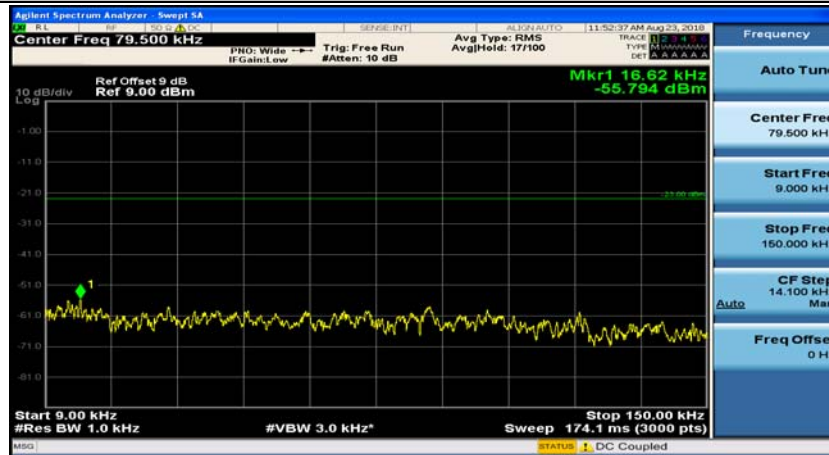


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37

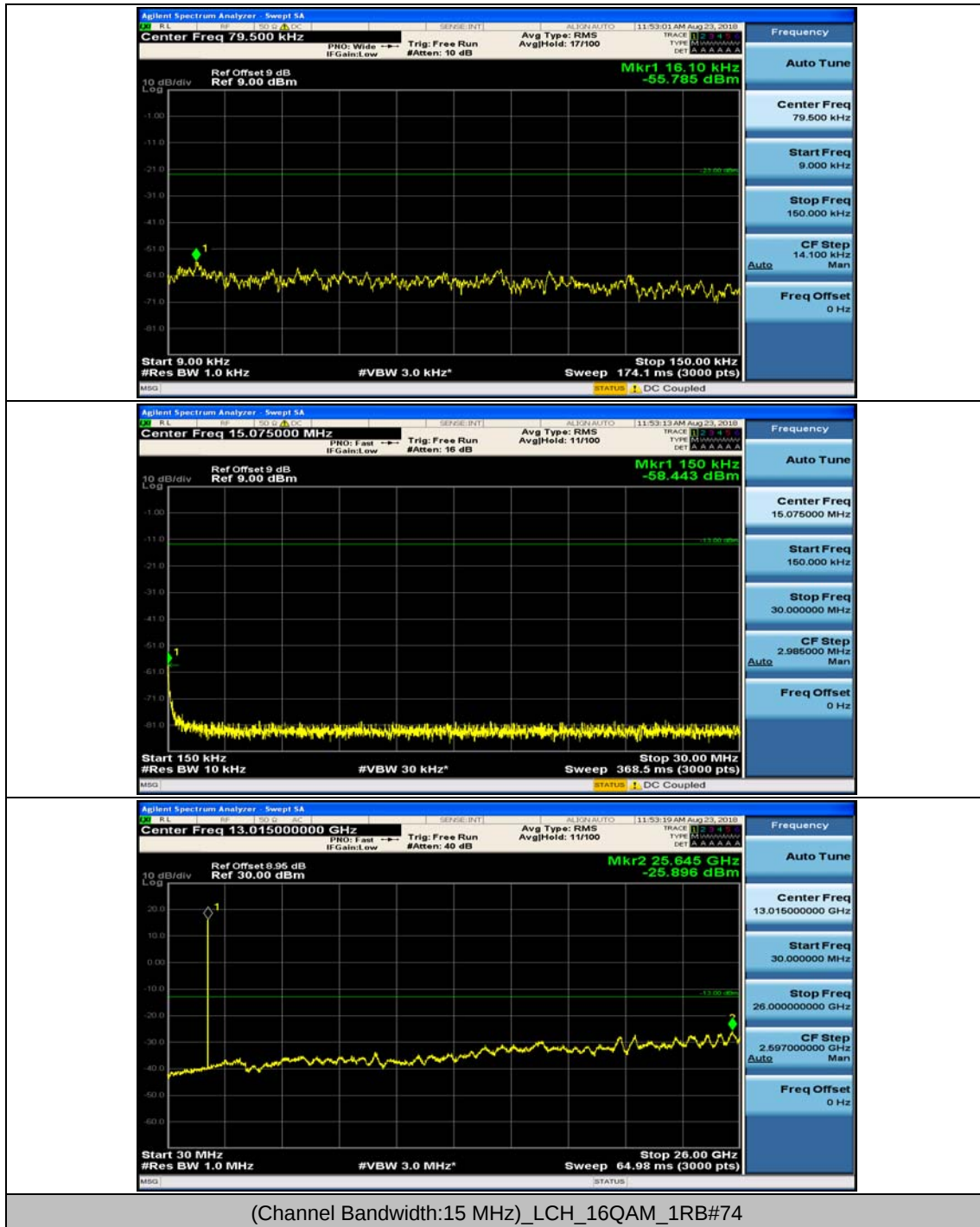


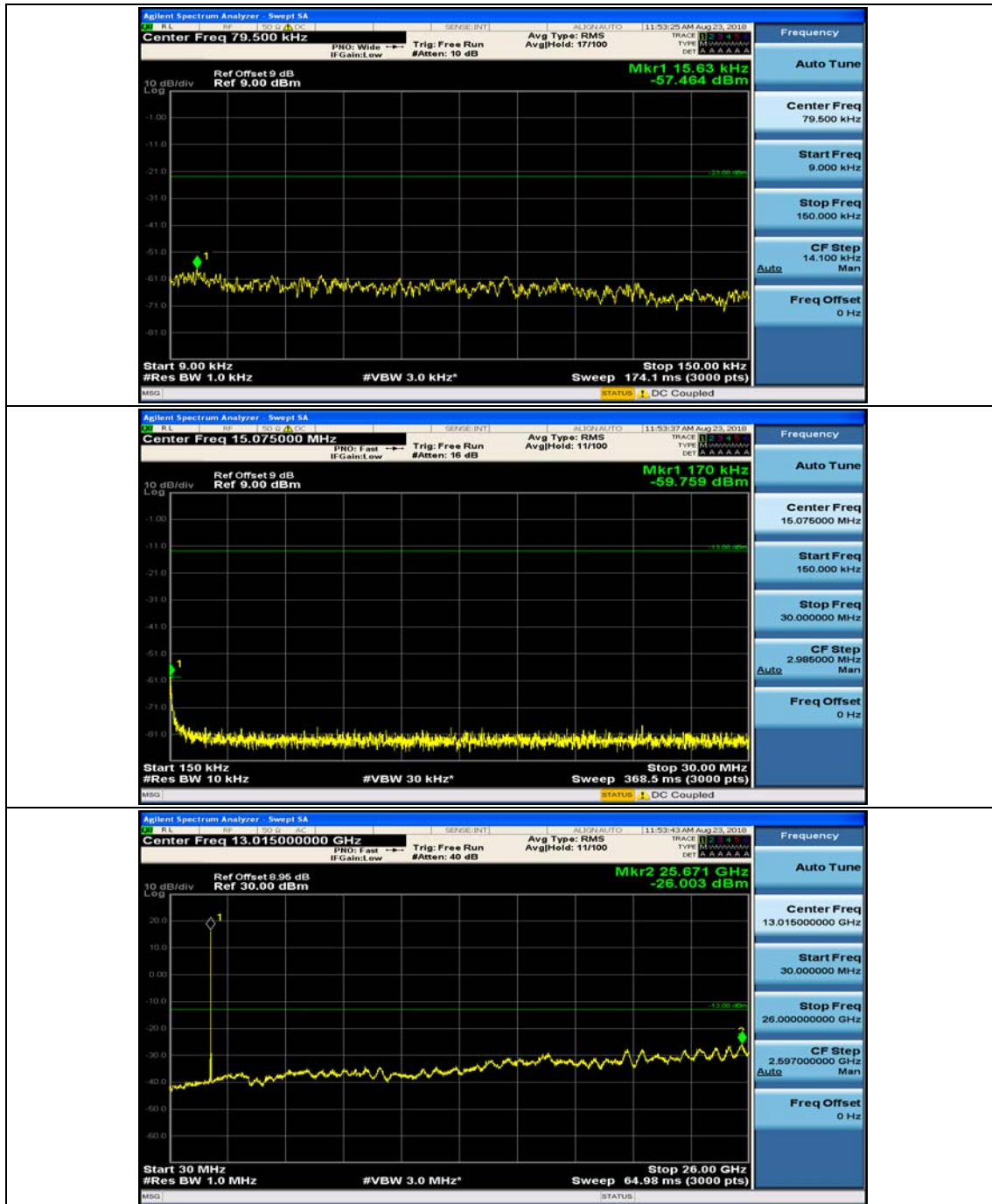


(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

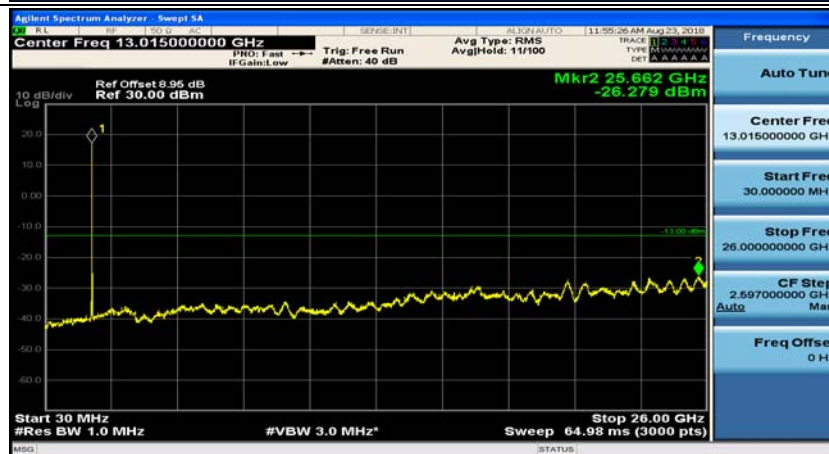
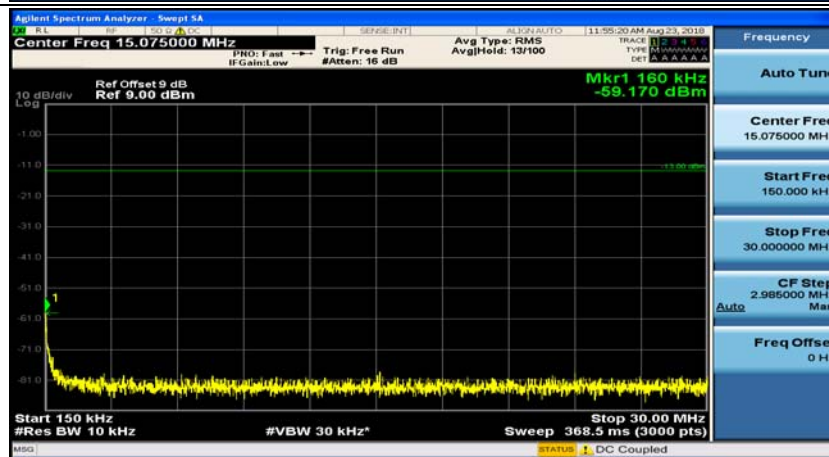


(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37

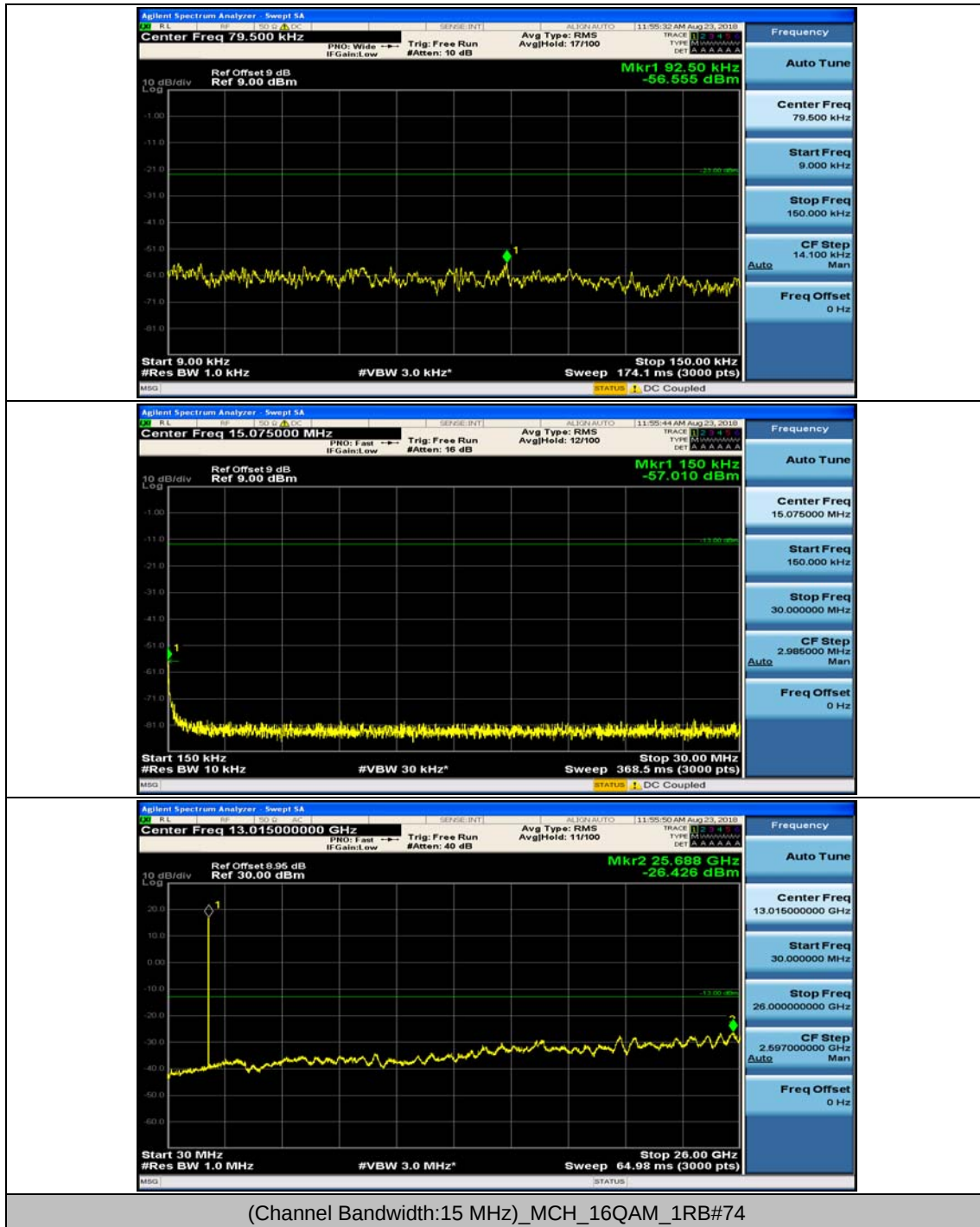


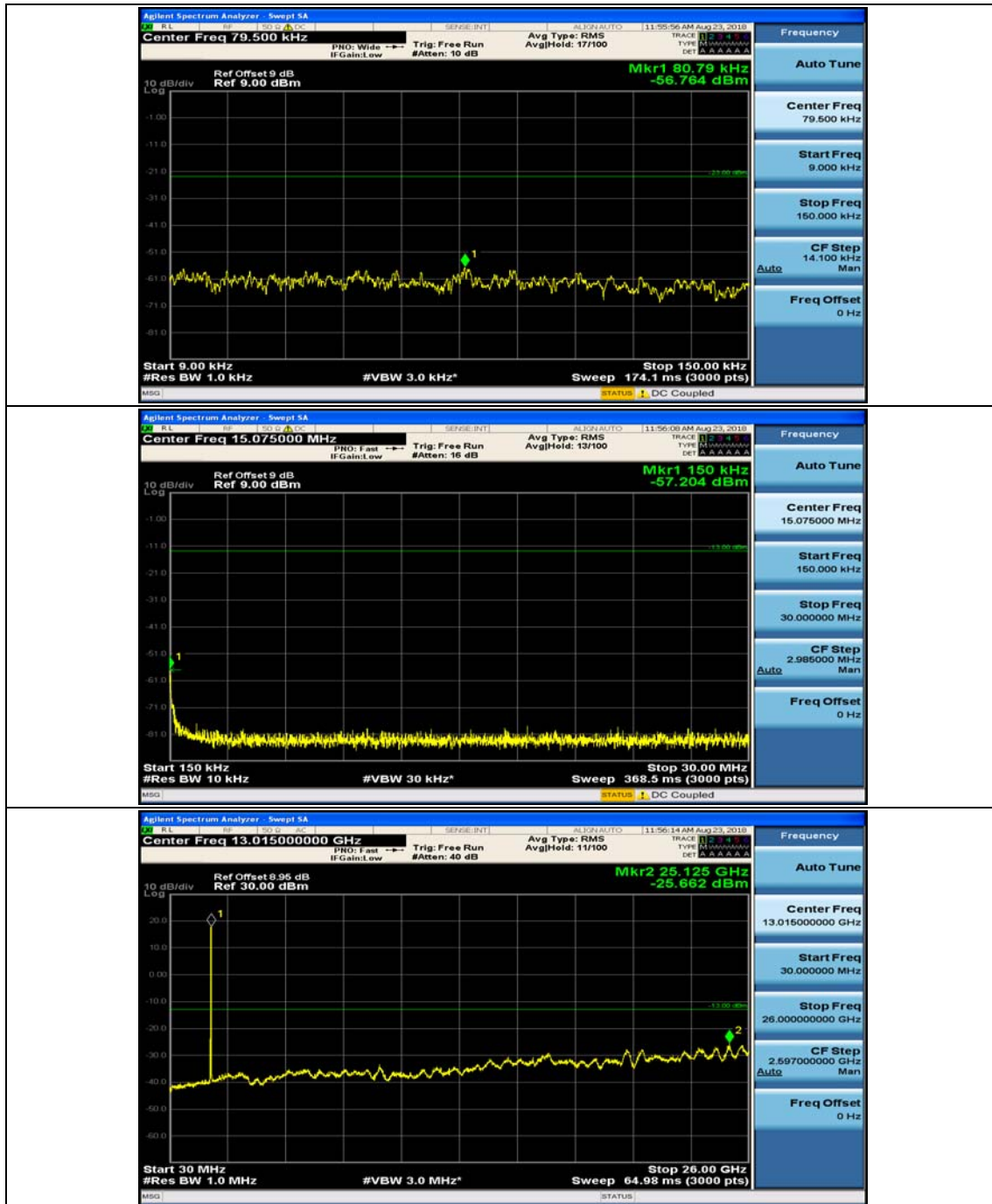


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

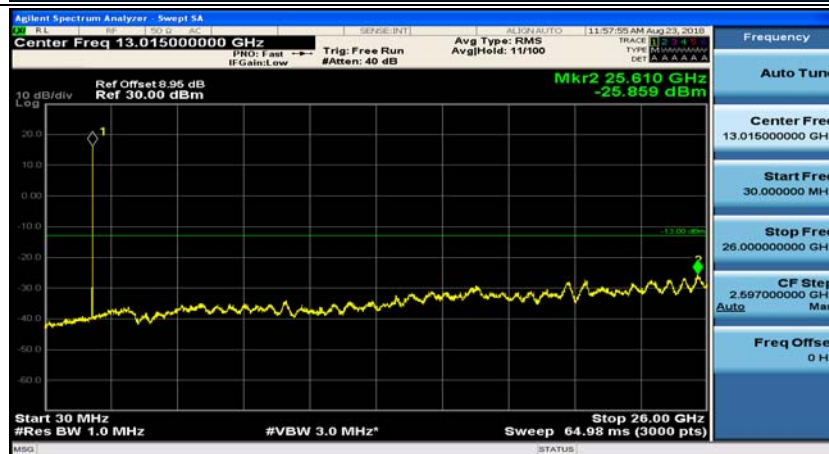
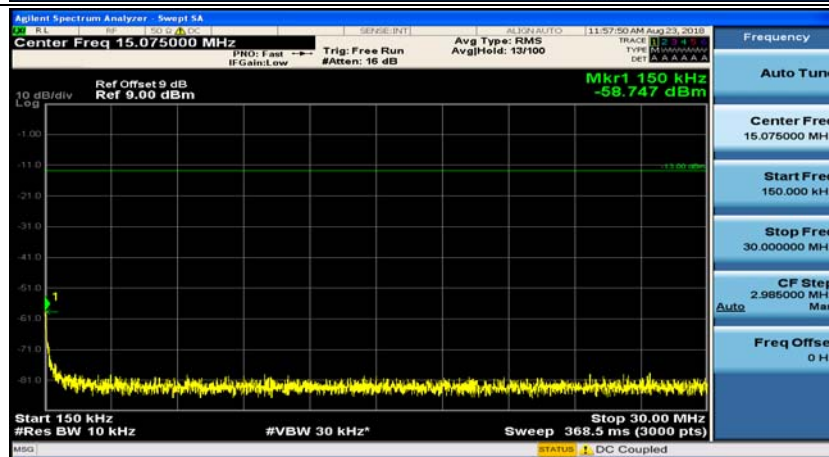


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

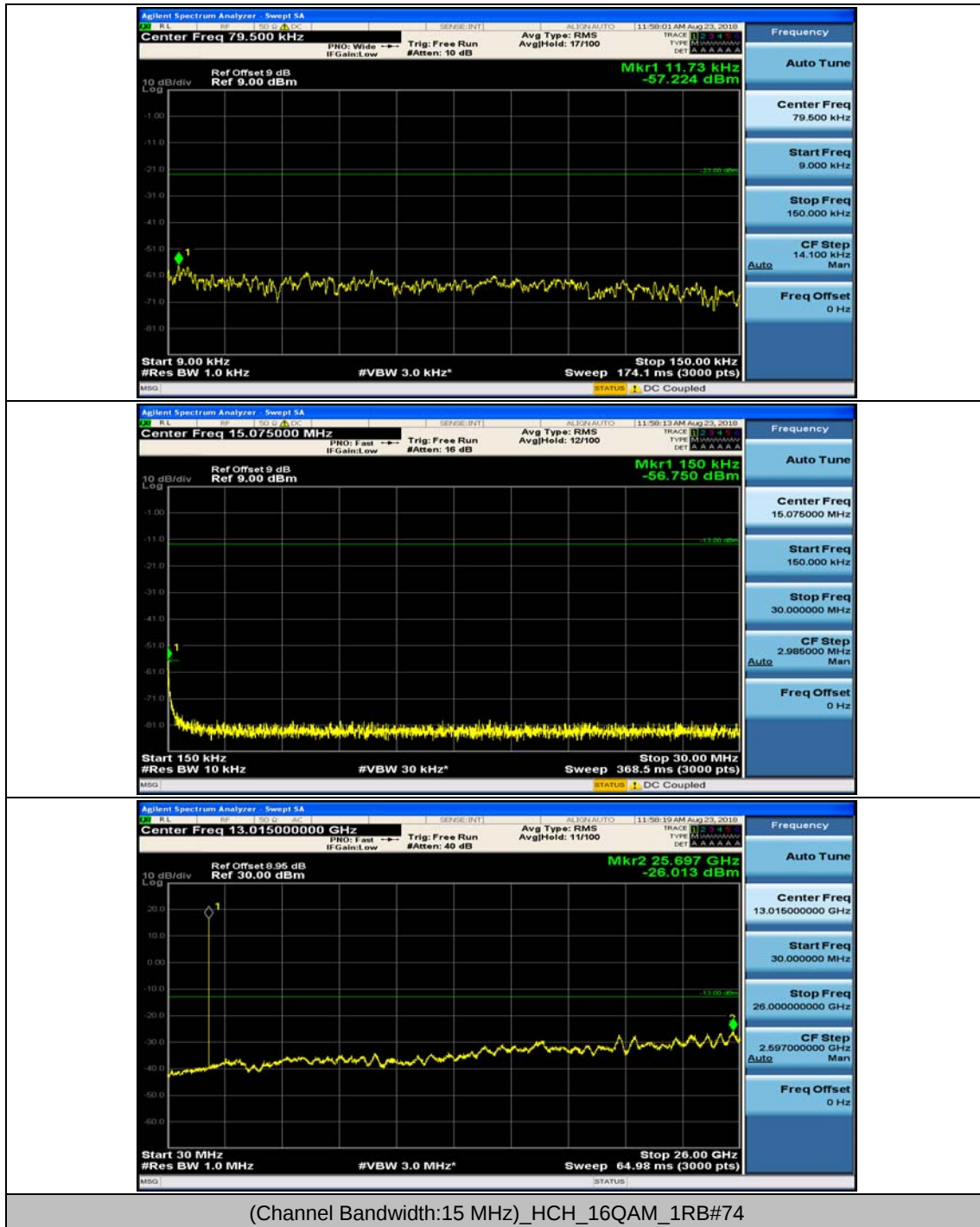


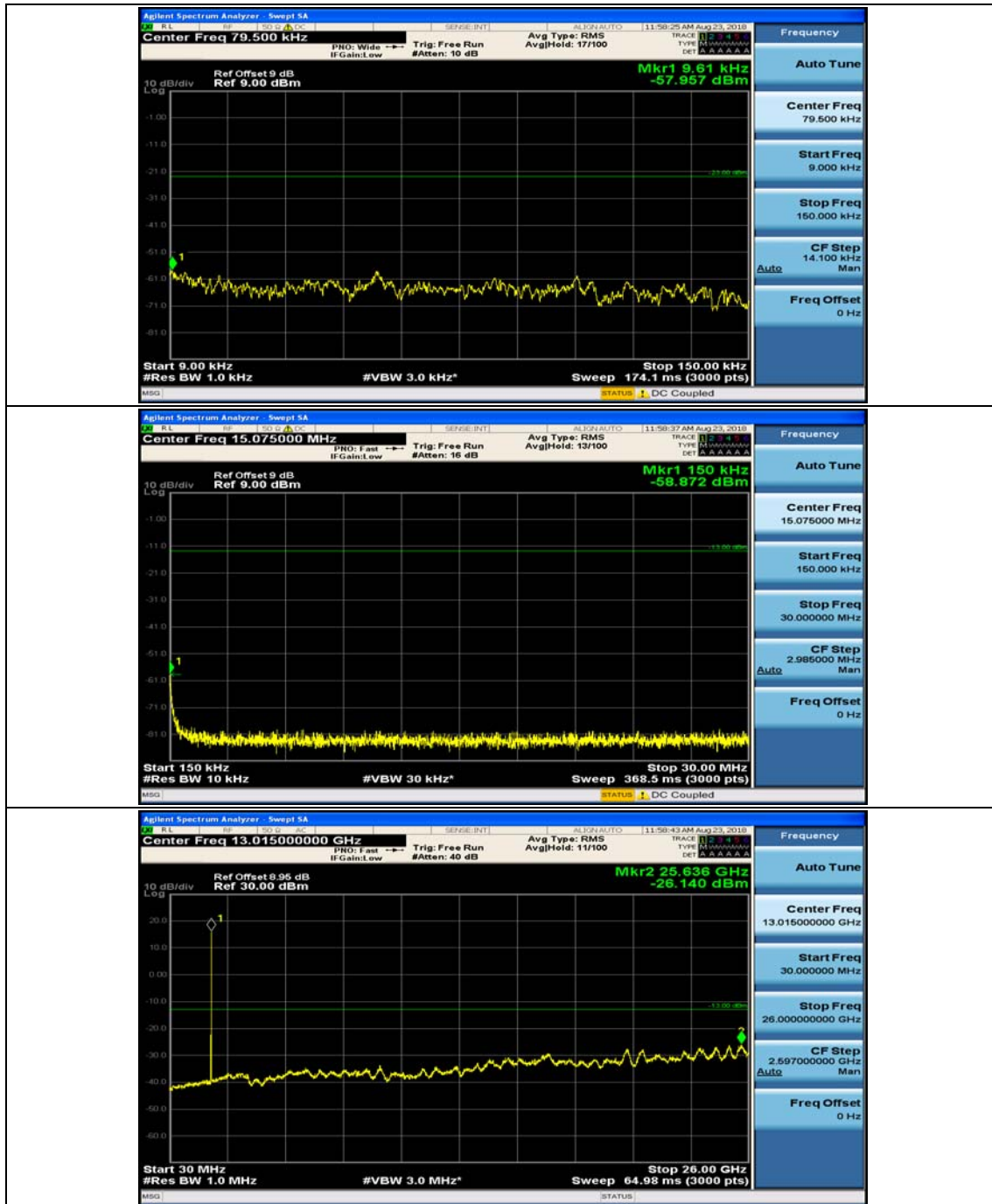


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

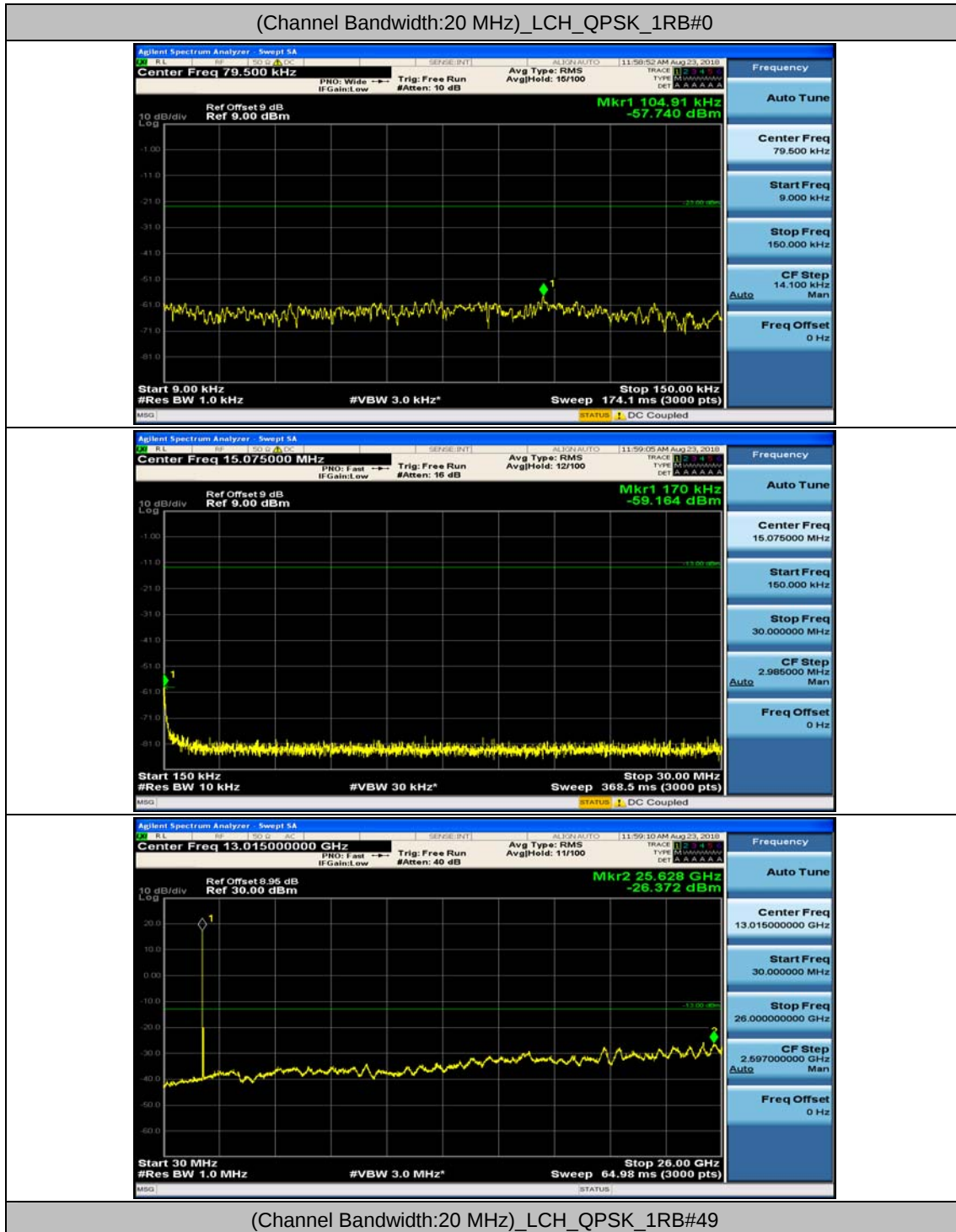


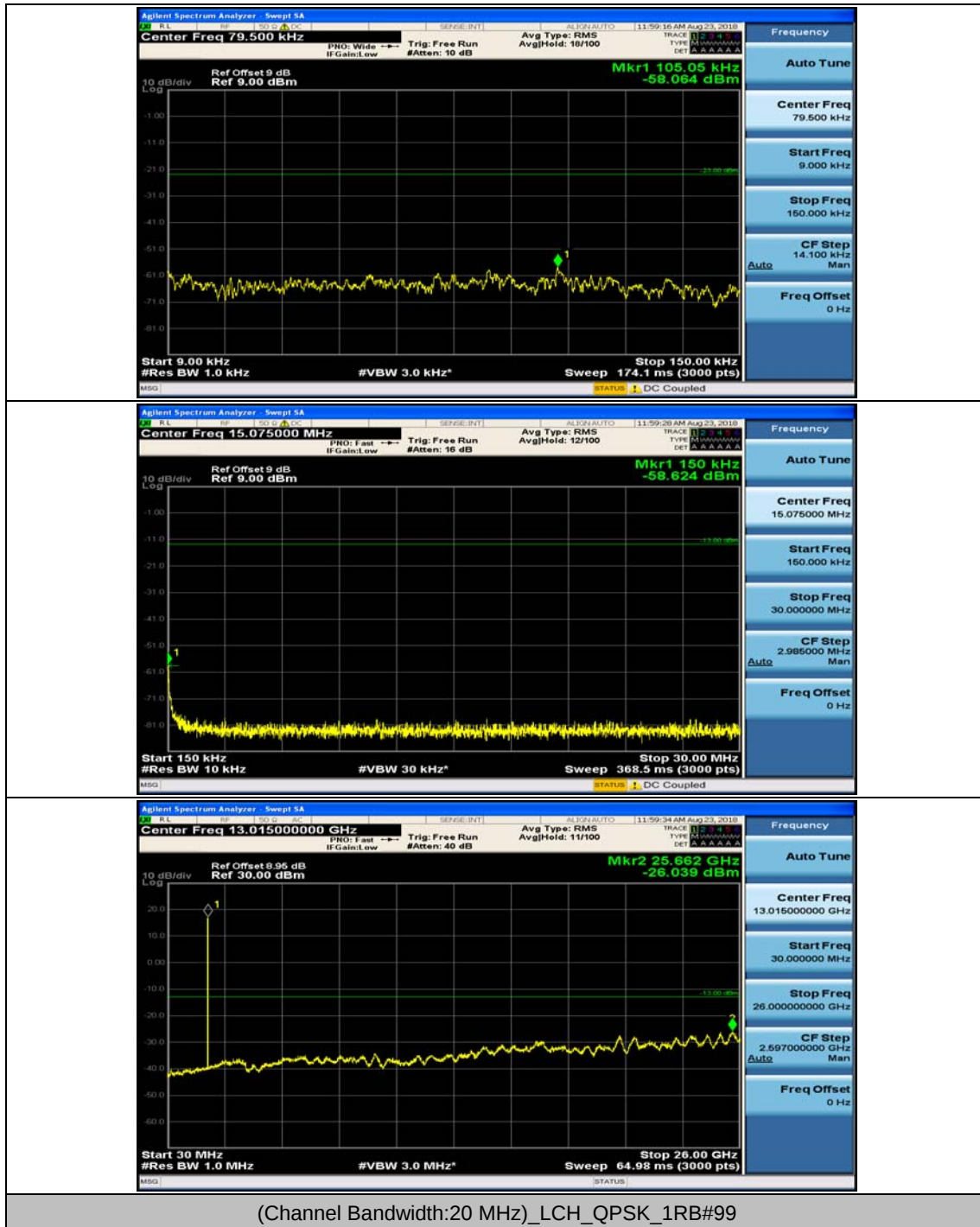
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

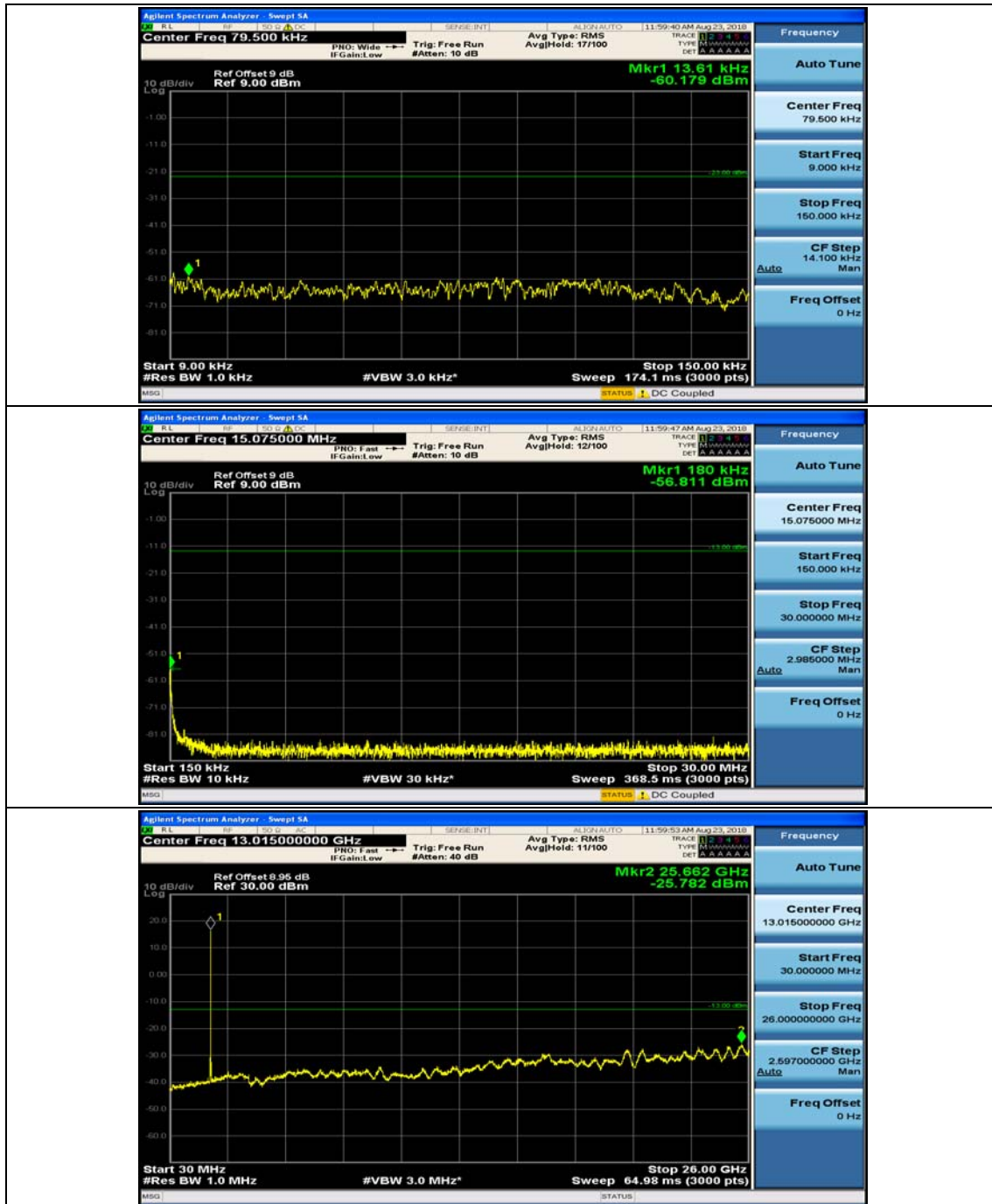




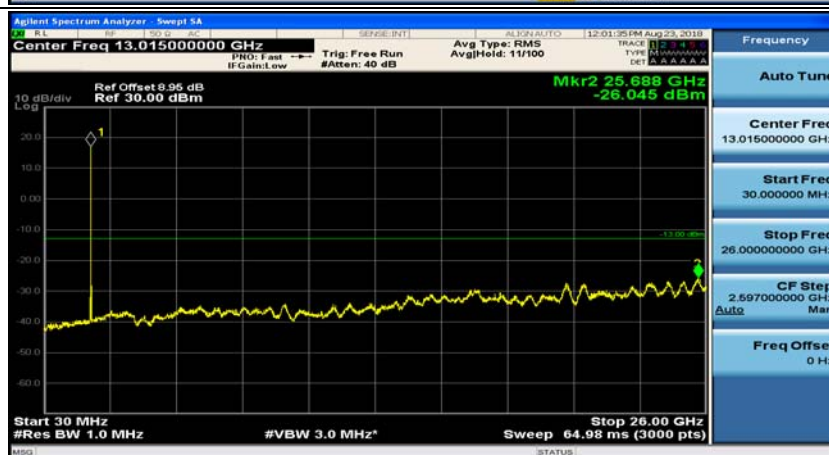
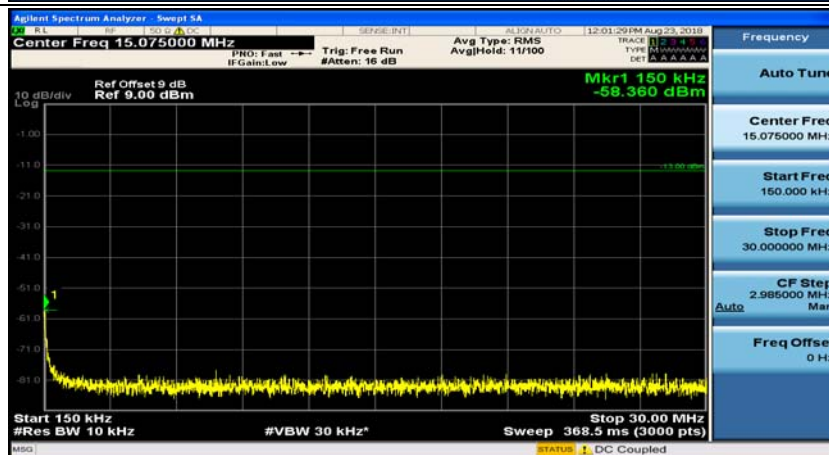
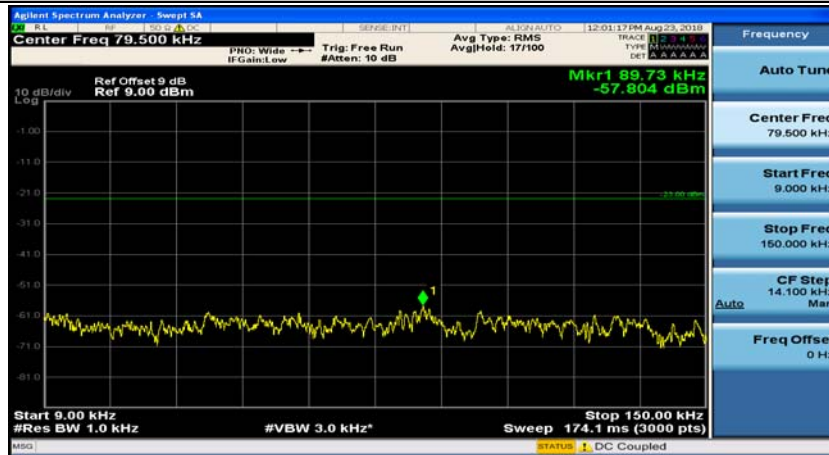
Channel Bandwidth: 20 MHz



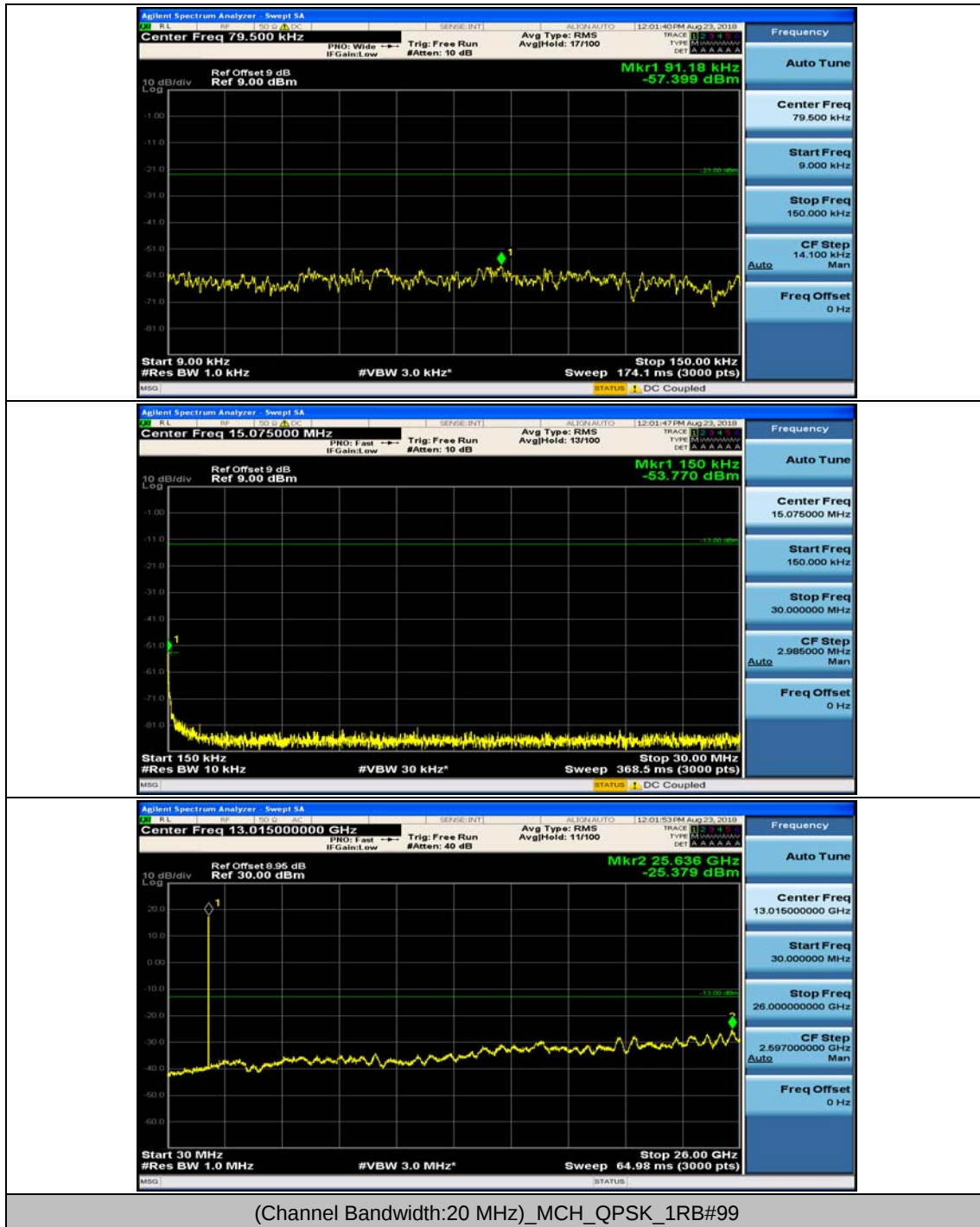


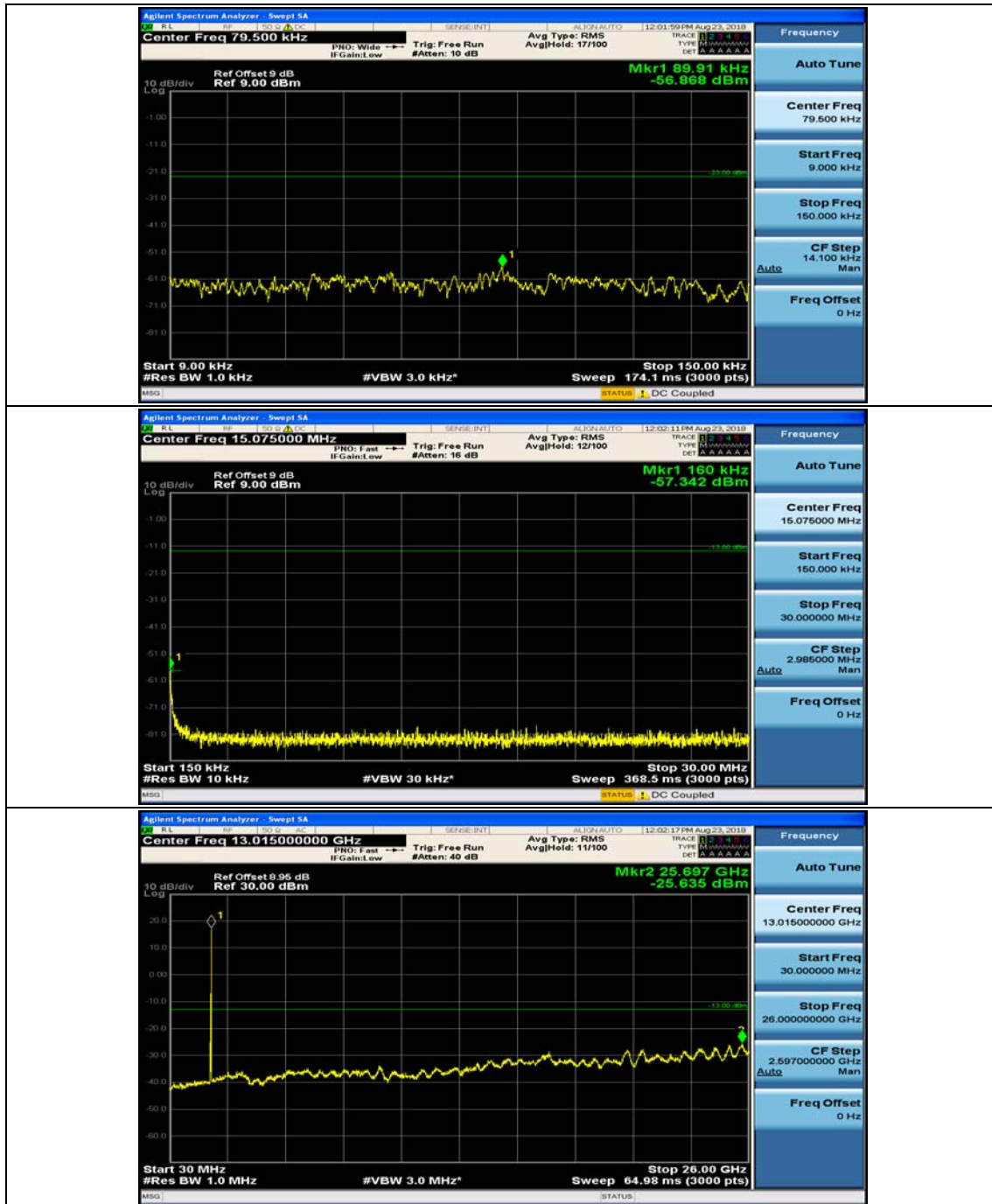


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

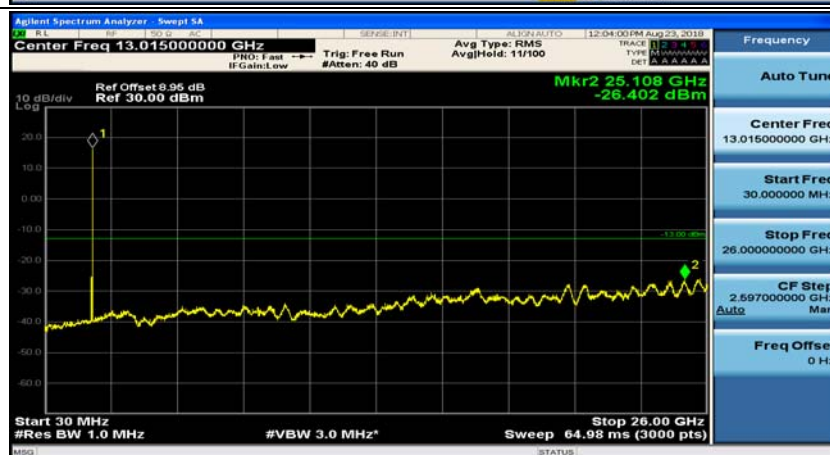
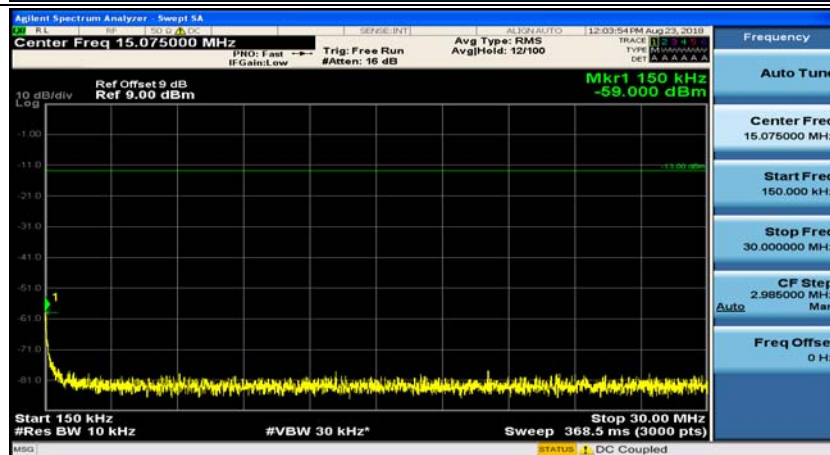
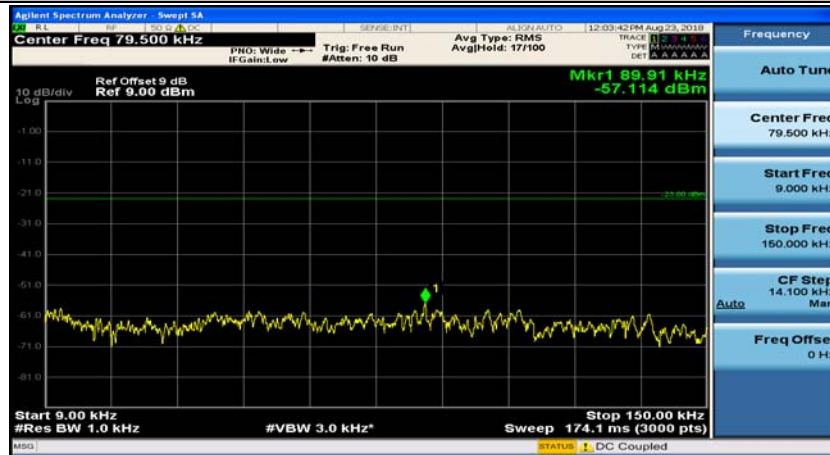


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

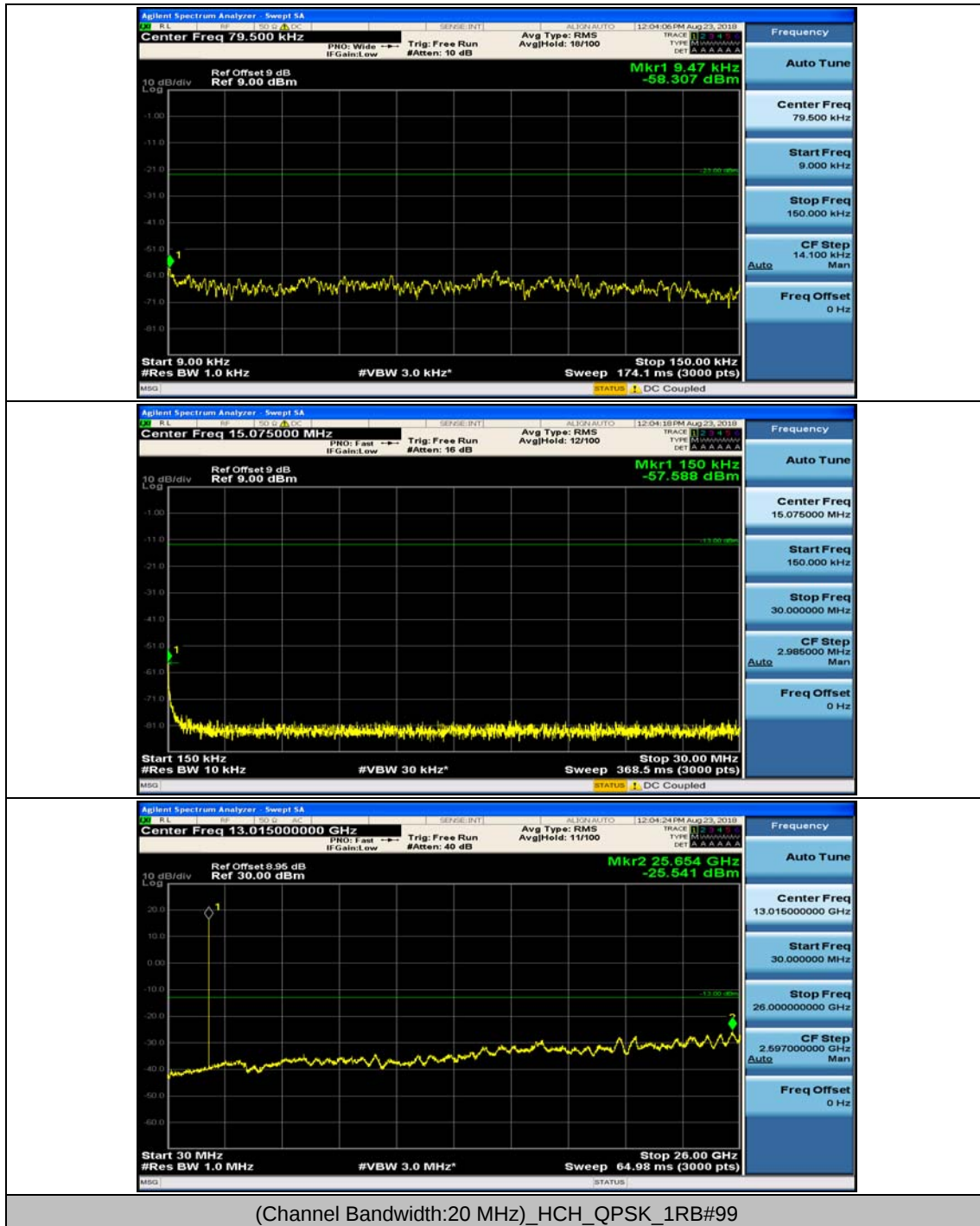


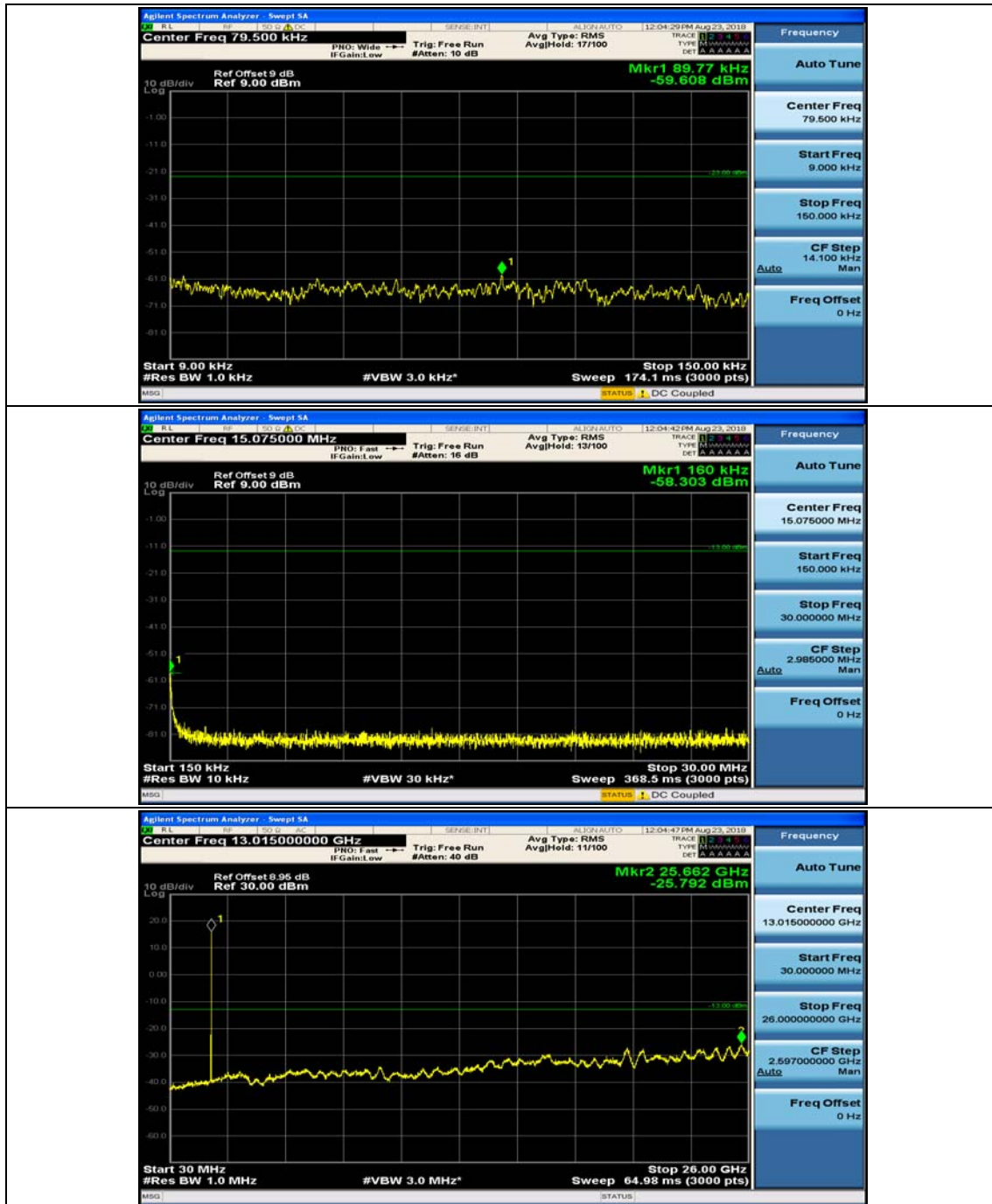


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

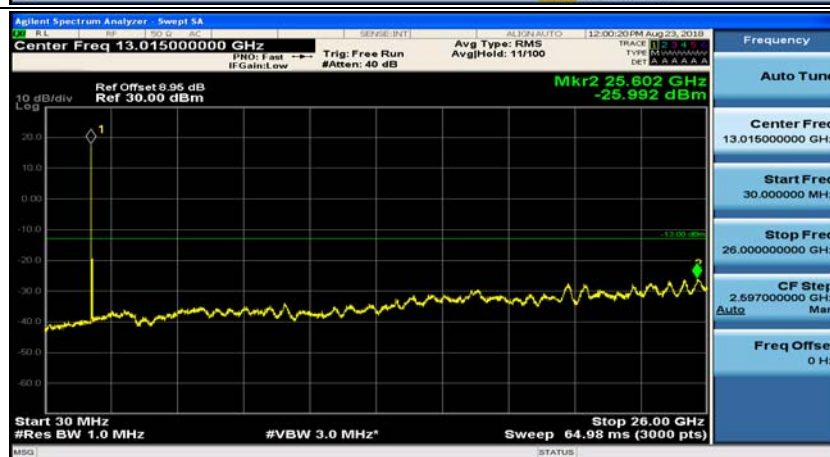
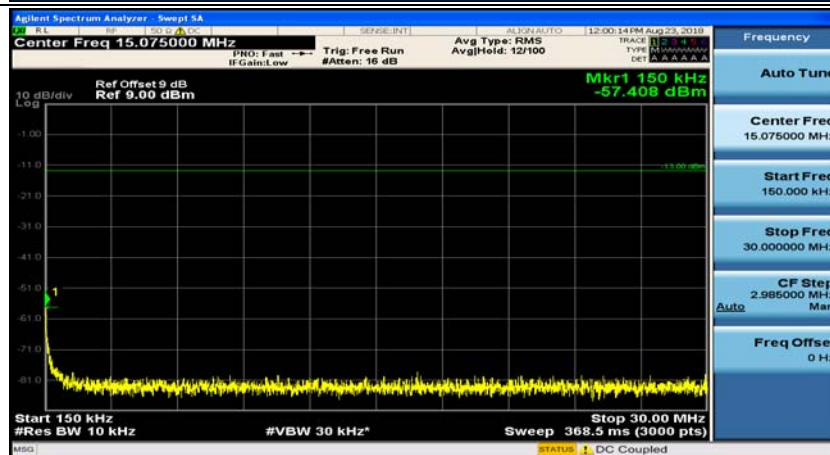


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

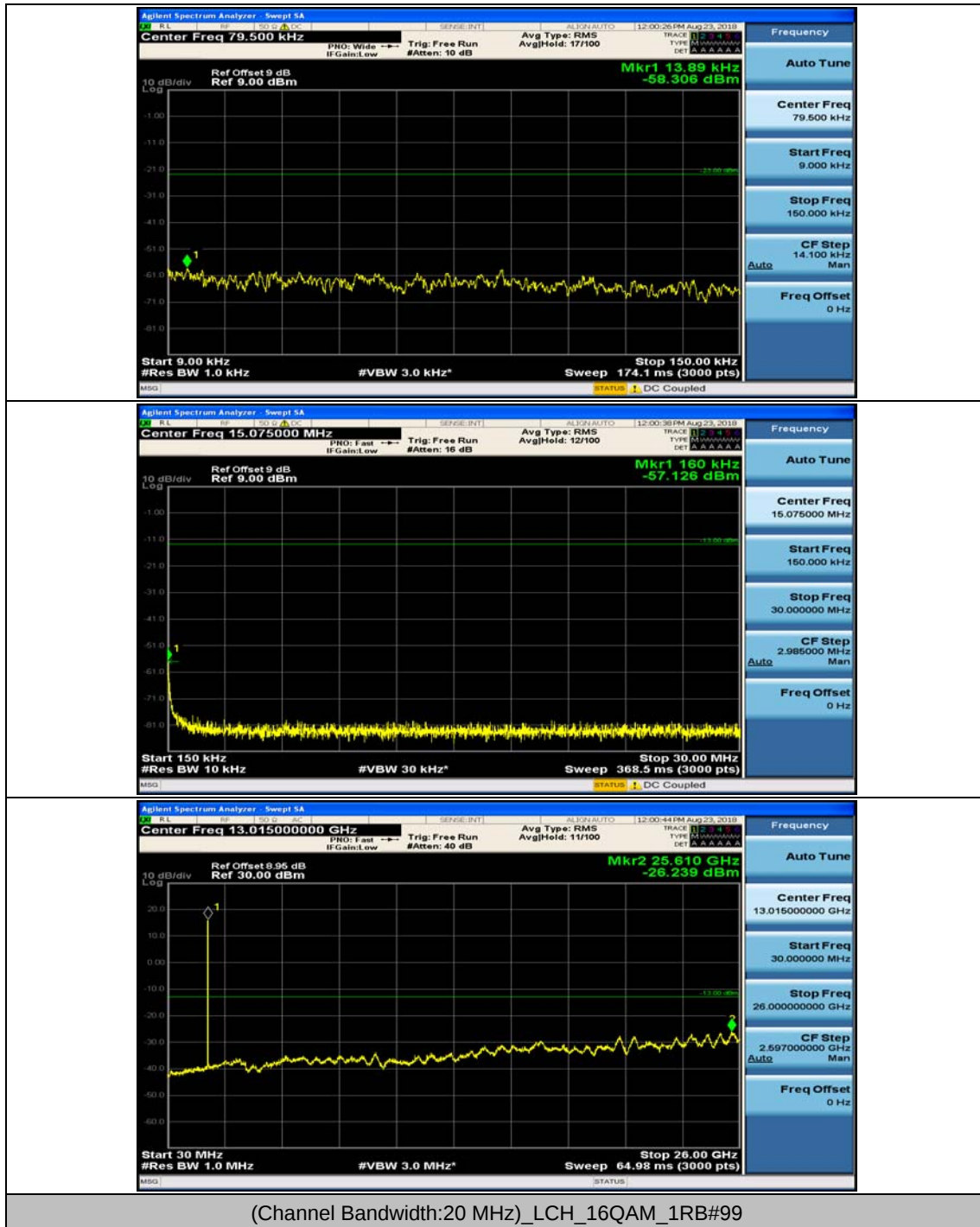


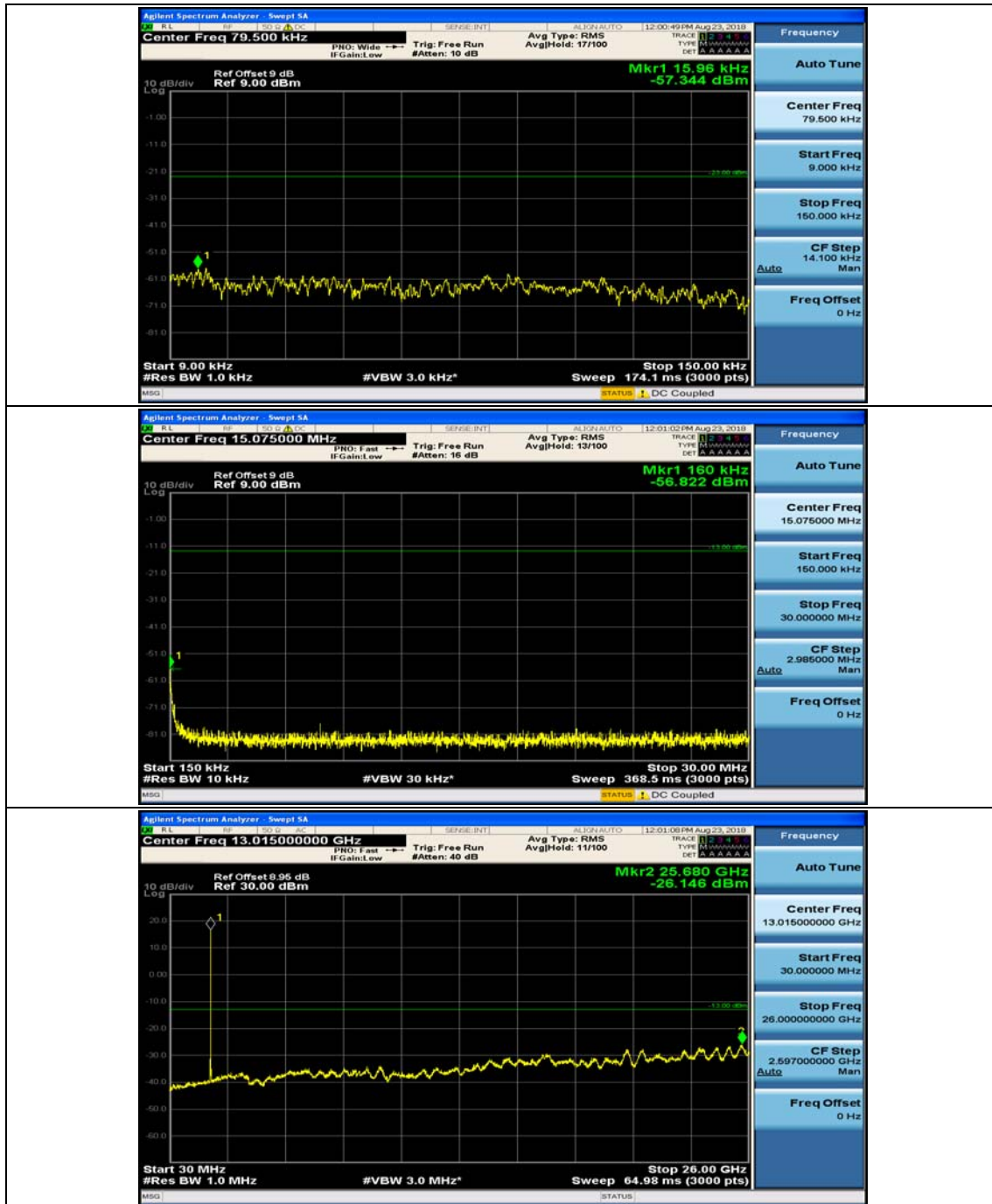


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

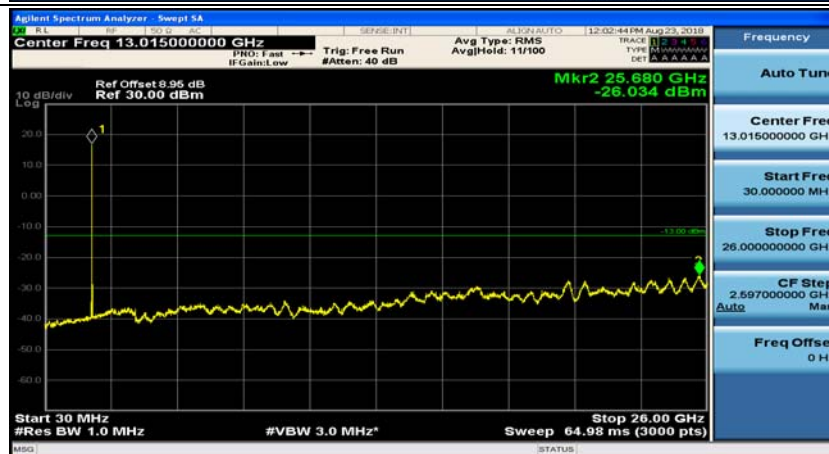
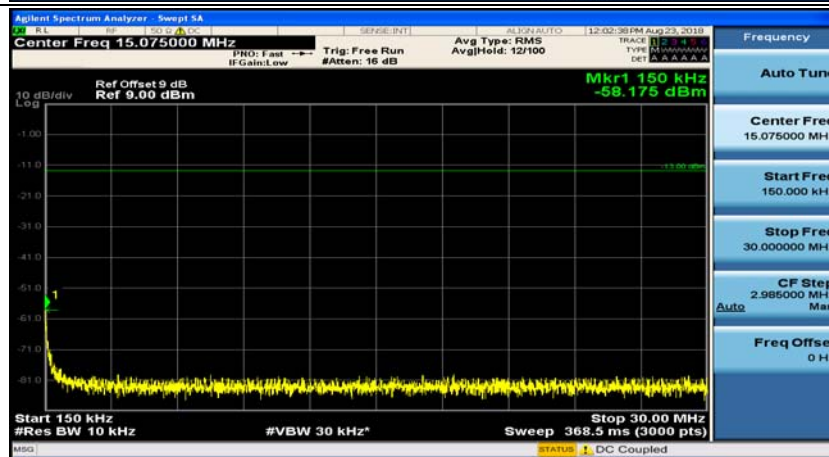


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

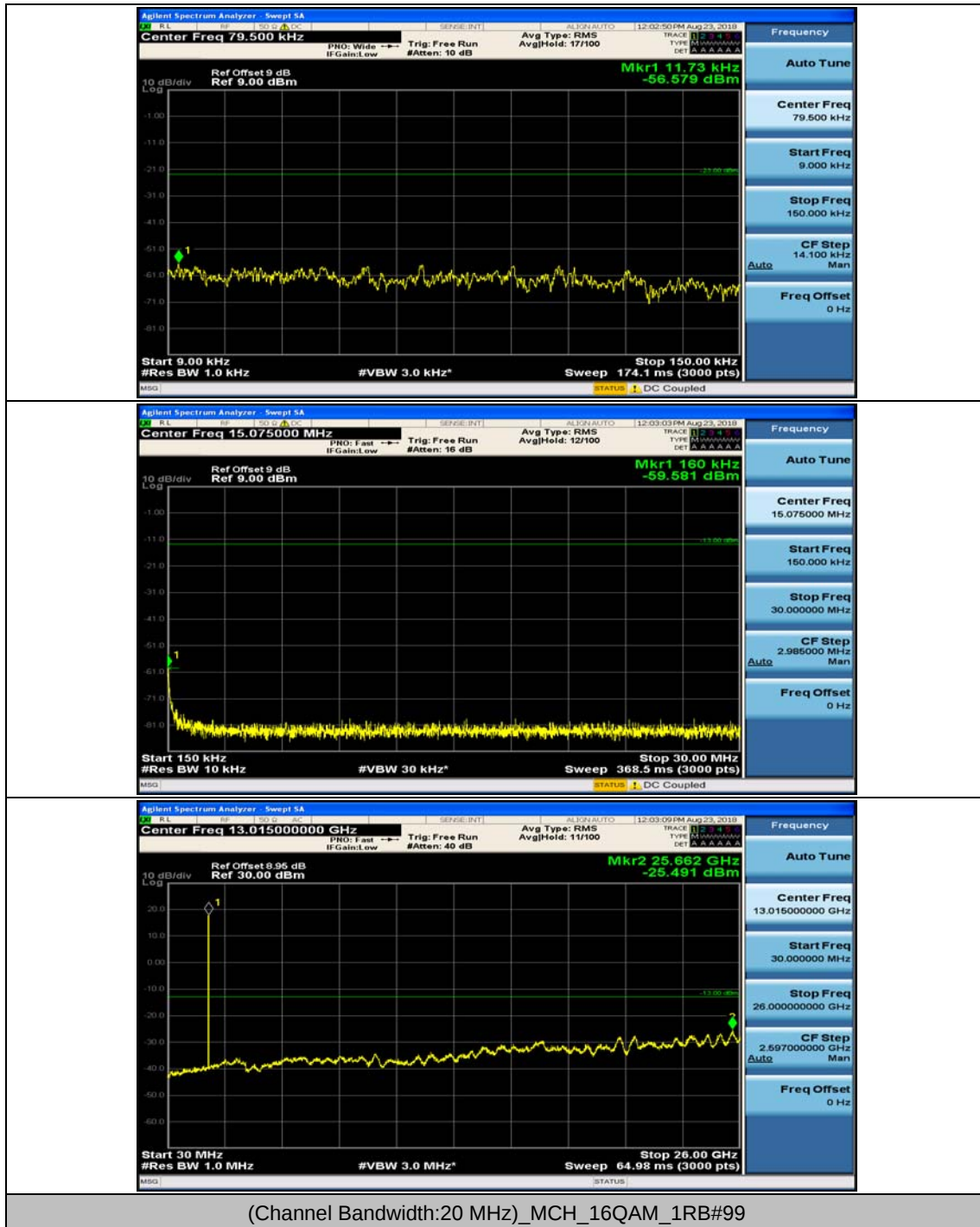


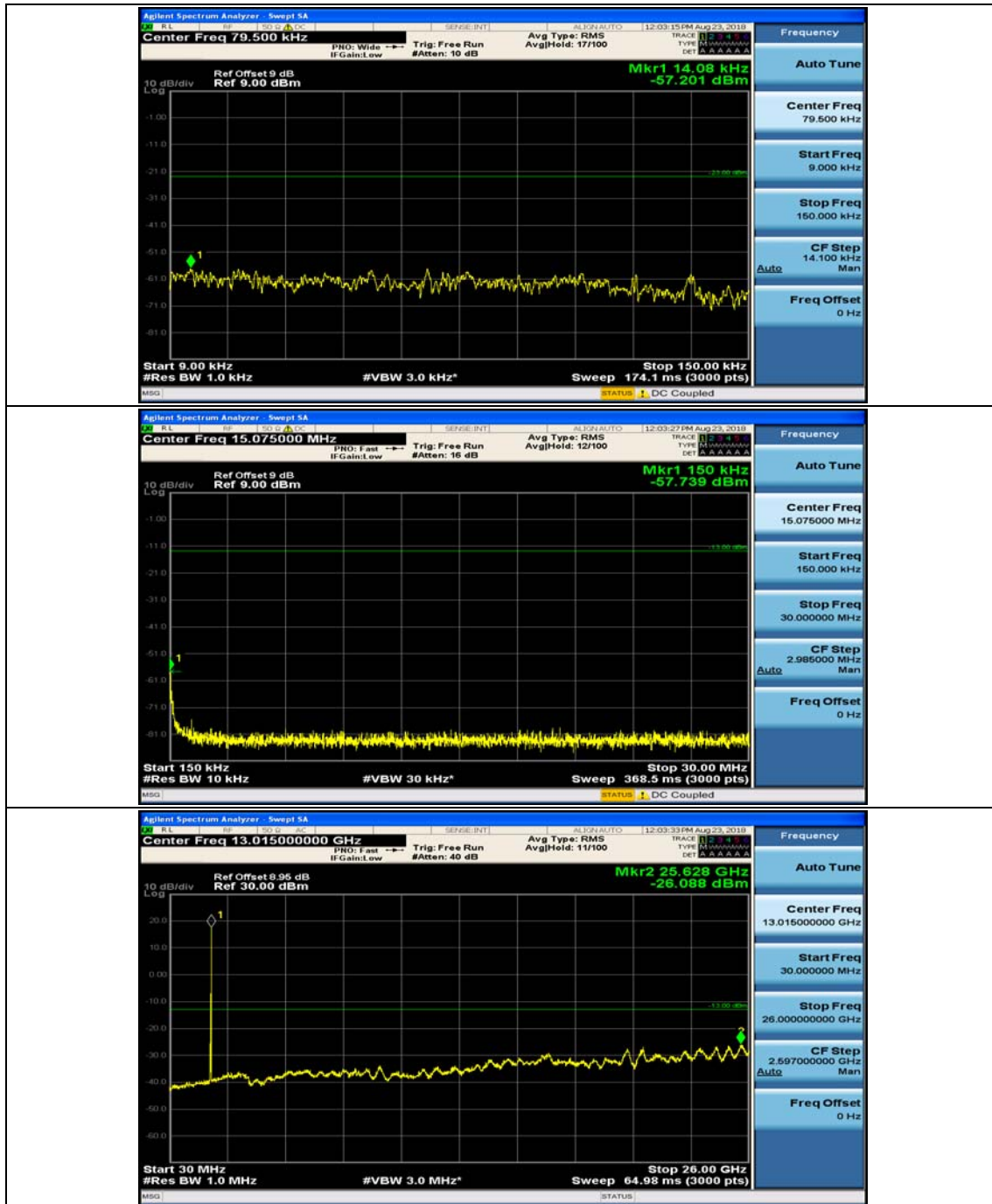


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

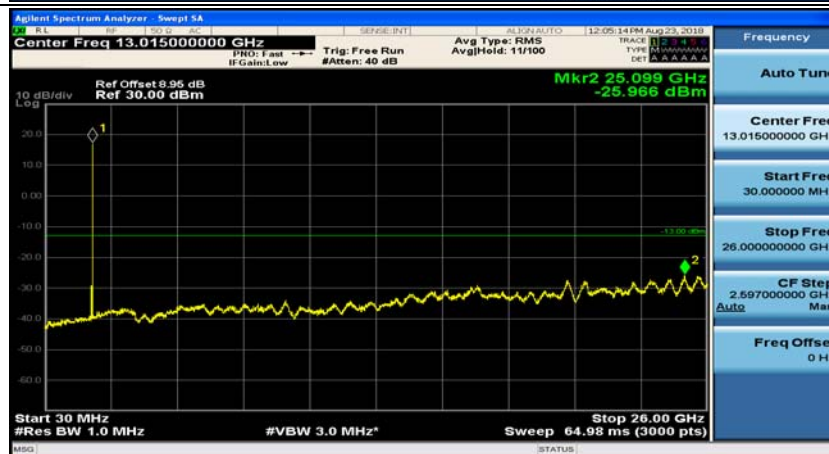
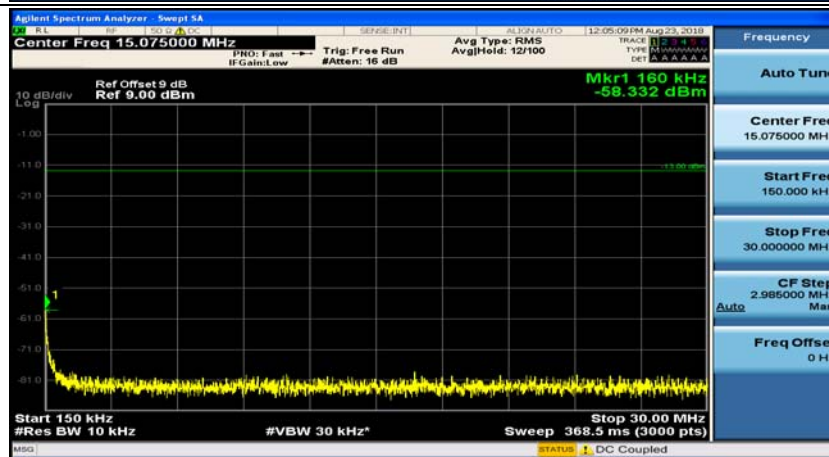


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

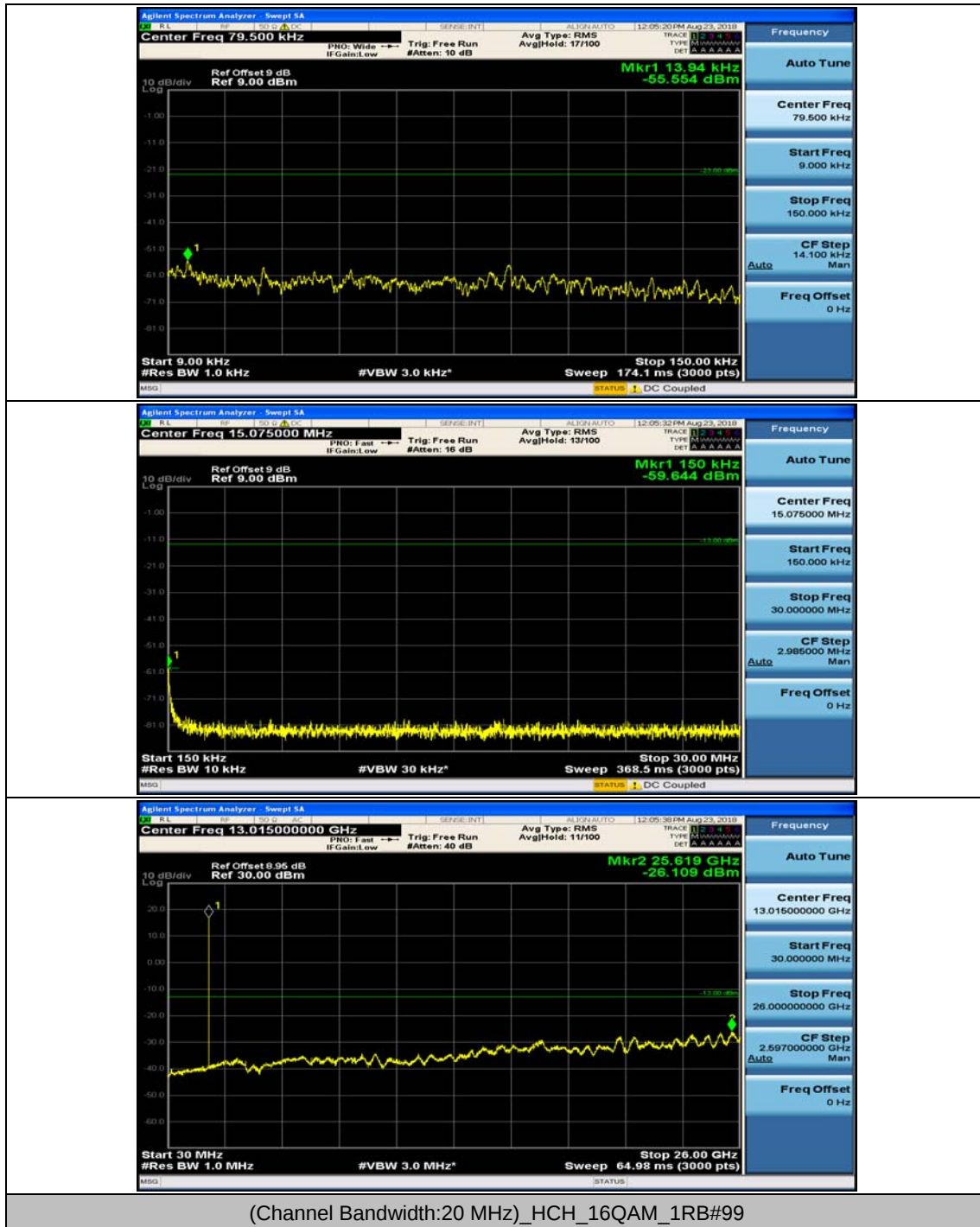


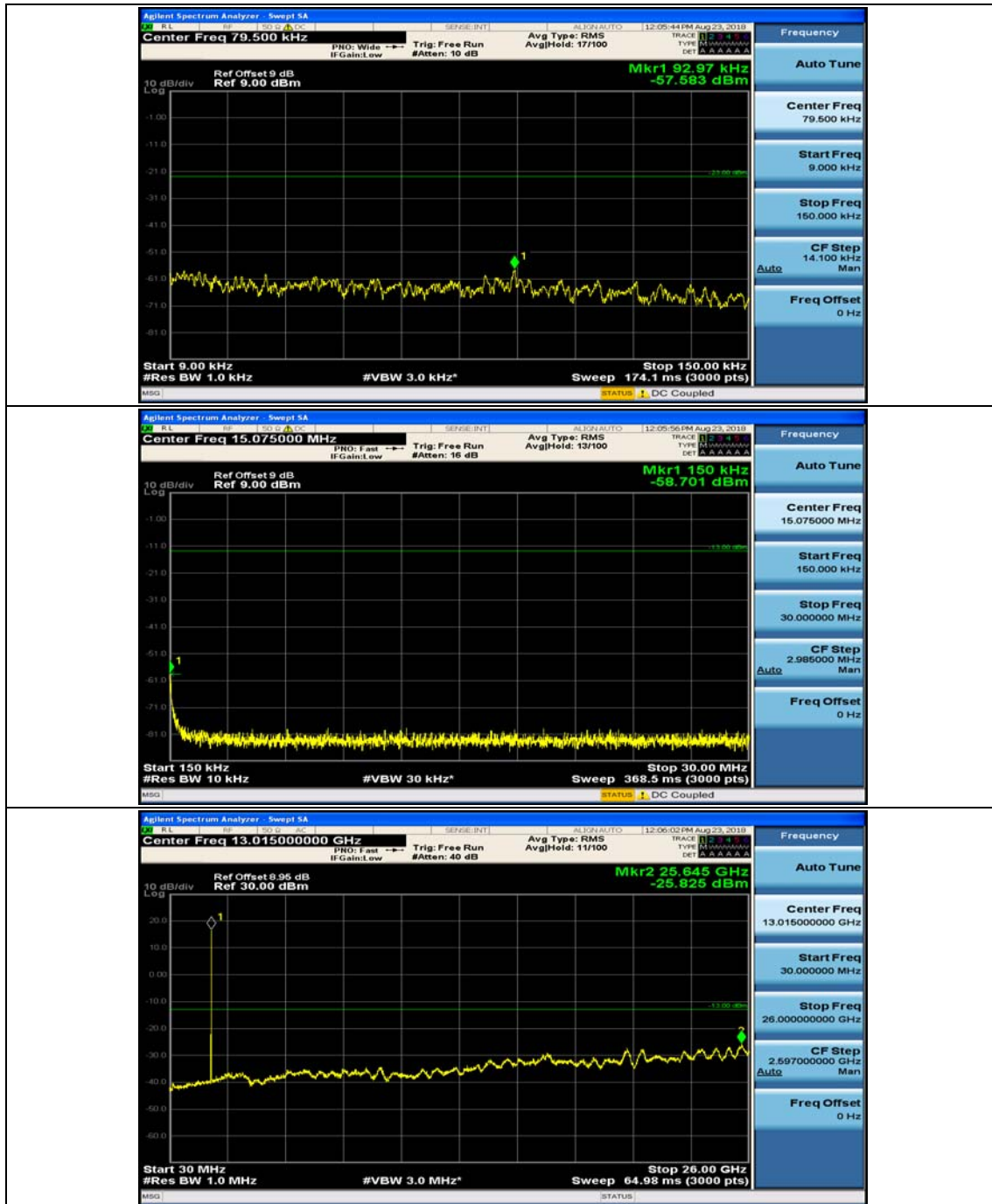


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



(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	2.51	0.001356	± 2.5	PASS
		VN	TN	4.74	0.002561	± 2.5	PASS
		VH	TN	1.59	0.000859	± 2.5	PASS
	MCH	VL	TN	-0.63	-0.000335	± 2.5	PASS
		VN	TN	3.46	0.001838	± 2.5	PASS
		VH	TN	3.09	0.001641	± 2.5	PASS
	HCH	VL	TN	-1.8	-0.000940	± 2.5	PASS
		VN	TN	-0.93	-0.000486	± 2.5	PASS
		VH	TN	0.55	0.000287	± 2.5	PASS
16QAM	LCH	VL	TN	3.37	0.001821	± 2.5	PASS
		VN	TN	0.61	0.000330	± 2.5	PASS
		VH	TN	3.04	0.001643	± 2.5	PASS
	MCH	VL	TN	0.29	0.000154	± 2.5	PASS
		VN	TN	4.61	0.002449	± 2.5	PASS
		VH	TN	3.08	0.001636	± 2.5	PASS
	HCH	VL	TN	1.44	0.000754	± 2.5	PASS
		VN	TN	2.55	0.001336	± 2.5	PASS
		VH	TN	-0.88	-0.000461	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.19	-0.000103	± 2.5	PASS
		VN	-20	4.01	0.002167	± 2.5	PASS
		VN	-10	-1.84	-0.000994	± 2.5	PASS
		VN	0	4.66	0.002518	± 2.5	PASS
		VN	10	4.14	0.002237	± 2.5	PASS
		VN	20	1.91	0.001032	± 2.5	PASS
		VN	30	2.47	0.001335	± 2.5	PASS
		VN	40	2.74	0.001481	± 2.5	PASS
		VN	50	0.65	0.000351	± 2.5	PASS
	MCH	VN	-30	3.75	0.001992	± 2.5	PASS

		VN	-20	-0.13	-0.000069	± 2.5	PASS
		VN	-10	1.89	0.001004	± 2.5	PASS
		VN	0	4.52	0.002401	± 2.5	PASS
		VN	10	-1.49	-0.000792	± 2.5	PASS
		VN	20	4.42	0.002348	± 2.5	PASS
		VN	30	1.21	0.000643	± 2.5	PASS
		VN	40	4.79	0.002544	± 2.5	PASS
		VN	50	3.05	0.001620	± 2.5	PASS
	HCH	VN	-30	1.13	0.000590	± 2.5	PASS
		VN	-20	4.16	0.002173	± 2.5	PASS
		VN	-10	-1.19	-0.000622	± 2.5	PASS
		VN	0	-0.84	-0.000439	± 2.5	PASS
		VN	10	-1.26	-0.000658	± 2.5	PASS
		VN	20	-1.84	-0.000961	± 2.5	PASS
		VN	30	3.74	0.001954	± 2.5	PASS
		VN	40	-1.78	-0.000930	± 2.5	PASS
16QAM	LCH	VN	-30	0.62	0.000335	± 2.5	PASS
		VN	-20	3.27	0.001767	± 2.5	PASS
		VN	-10	3.04	0.001643	± 2.5	PASS
		VN	0	3.08	0.001664	± 2.5	PASS
		VN	10	0.51	0.000276	± 2.5	PASS
		VN	20	-0.21	-0.000113	± 2.5	PASS
		VN	30	2.99	0.001616	± 2.5	PASS
		VN	40	1.11	0.000600	± 2.5	PASS
		VN	50	4.46	0.002410	± 2.5	PASS
	MCH	VN	-30	3.36	0.001785	± 2.5	PASS
		VN	-20	1.65	0.000876	± 2.5	PASS
		VN	-10	-1.5	-0.000797	± 2.5	PASS
		VN	0	1.67	0.000887	± 2.5	PASS
		VN	10	2.38	0.001264	± 2.5	PASS
		VN	20	0.14	0.000074	± 2.5	PASS
		VN	30	4.79	0.002544	± 2.5	PASS
		VN	40	0.83	0.000441	± 2.5	PASS
		VN	50	3.64	0.001934	± 2.5	PASS
	HCH	VN	-30	2.12	0.001107	± 2.5	PASS
		VN	-20	1.91	0.000998	± 2.5	PASS
		VN	-10	1.61	0.000841	± 2.5	PASS
		VN	0	-0.49	-0.000256	± 2.5	PASS
		VN	10	3.08	0.001609	± 2.5	PASS
		VN	20	4.24	0.002215	± 2.5	PASS

		VN	30	0.23	0.000120	± 2.5	PASS
		VN	40	4.86	0.002539	± 2.5	PASS
		VN	50	4.8	0.002507	± 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	0.27	0.000146	± 2.5	PASS
		VN	TN	0.83	0.000448	± 2.5	PASS
		VH	TN	1	0.000540	± 2.5	PASS
	MCH	VL	TN	4.38	0.002327	± 2.5	PASS
		VN	TN	4.85	0.002576	± 2.5	PASS
		VH	TN	1.16	0.000616	± 2.5	PASS
	HCH	VL	TN	-1.62	-0.000847	± 2.5	PASS
		VN	TN	0.02	0.000010	± 2.5	PASS
		VH	TN	1.66	0.000868	± 2.5	PASS
16QAM	LCH	VL	TN	2.48	0.001339	± 2.5	PASS
		VN	TN	0.71	0.000383	± 2.5	PASS
		VH	TN	3.23	0.001745	± 2.5	PASS
	MCH	VL	TN	2.78	0.001477	± 2.5	PASS
		VN	TN	1.46	0.000776	± 2.5	PASS
		VH	TN	3.62	0.001923	± 2.5	PASS
	HCH	VL	TN	4.58	0.002394	± 2.5	PASS
		VN	TN	-1.85	-0.000967	± 2.5	PASS
		VH	TN	4.23	0.002211	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.57	0.001388	± 2.5	PASS
		VN	-20	1.94	0.001048	± 2.5	PASS
		VN	-10	1.85	0.000999	± 2.5	PASS
		VN	0	4.52	0.002441	± 2.5	PASS
		VN	10	0.8	0.000432	± 2.5	PASS
		VN	20	0.54	0.000292	± 2.5	PASS
		VN	30	2.84	0.001534	± 2.5	PASS
		VN	40	3.71	0.002004	± 2.5	PASS
		VN	50	2.05	0.001107	± 2.5	PASS
	MCH	VN	-30	1.75	0.000930	± 2.5	PASS
		VN	-20	-0.66	-0.000351	± 2.5	PASS

		VN	-10	4.45	0.002364	± 2.5	PASS
		VN	0	4.3	0.002284	± 2.5	PASS
		VN	10	0.86	0.000457	± 2.5	PASS
		VN	20	2.1	0.001116	± 2.5	PASS
		VN	30	-1.85	-0.000983	± 2.5	PASS
		VN	40	3.91	0.002077	± 2.5	PASS
		VN	50	1.89	0.001004	± 2.5	PASS
	HCH	VN	-30	2.57	0.001343	± 2.5	PASS
		VN	-20	-1.69	-0.000883	± 2.5	PASS
		VN	-10	-1.77	-0.000925	± 2.5	PASS
		VN	0	1.98	0.001035	± 2.5	PASS
		VN	10	3.98	0.002080	± 2.5	PASS
		VN	20	2.73	0.001427	± 2.5	PASS
		VN	30	3.77	0.001970	± 2.5	PASS
		VN	40	1.82	0.000951	± 2.5	PASS
		VN	50	3.89	0.002033	± 2.5	PASS
16QAM	LCH	VN	-30	3.97	0.002144	± 2.5	PASS
		VN	-20	1.09	0.000589	± 2.5	PASS
		VN	-10	3.44	0.001858	± 2.5	PASS
		VN	0	2.81	0.001518	± 2.5	PASS
		VN	10	1.88	0.001015	± 2.5	PASS
		VN	20	-0.44	-0.000238	± 2.5	PASS
		VN	30	4.51	0.002436	± 2.5	PASS
		VN	40	4.47	0.002414	± 2.5	PASS
		VN	50	4.46	0.002409	± 2.5	PASS
	MCH	VN	-30	1.09	0.000579	± 2.5	PASS
		VN	-20	2.44	0.001296	± 2.5	PASS
		VN	-10	3.89	0.002066	± 2.5	PASS
		VN	0	-1.69	-0.000898	± 2.5	PASS
		VN	10	3.83	0.002035	± 2.5	PASS
		VN	20	0.45	0.000239	± 2.5	PASS
		VN	30	3.92	0.002082	± 2.5	PASS
		VN	40	1.62	0.000861	± 2.5	PASS
		VN	50	4.24	0.002252	± 2.5	PASS
	HCH	VN	-30	2.76	0.001442	± 2.5	PASS
		VN	-20	4.79	0.002503	± 2.5	PASS
		VN	-10	-1.19	-0.000622	± 2.5	PASS
		VN	0	2.97	0.001552	± 2.5	PASS
		VN	10	2.81	0.001469	± 2.5	PASS
		VN	20	-0.18	-0.000094	± 2.5	PASS
		VN	30	-0.41	-0.000214	± 2.5	PASS

		VN	40	-0.91	-0.000476	± 2.5	PASS
		VN	50	-0.21	-0.000110	± 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	1.49	0.000804	± 2.5	PASS
		VN	TN	0.25	0.000135	± 2.5	PASS
		VH	TN	1.57	0.000848	± 2.5	PASS
	MCH	VL	TN	4.79	0.002544	± 2.5	PASS
		VN	TN	4.01	0.002130	± 2.5	PASS
		VH	TN	0.44	0.000234	± 2.5	PASS
	HCH	VL	TN	2.62	0.001370	± 2.5	PASS
		VN	TN	3.12	0.001631	± 2.5	PASS
		VH	TN	1.13	0.000591	± 2.5	PASS
16QAM	LCH	VL	TN	3.67	0.001981	± 2.5	PASS
		VN	TN	-1.64	-0.000885	± 2.5	PASS
		VH	TN	3.92	0.002116	± 2.5	PASS
	MCH	VL	TN	2.45	0.001301	± 2.5	PASS
		VN	TN	2.63	0.001397	± 2.5	PASS
		VH	TN	-0.3	-0.000159	± 2.5	PASS
	HCH	VL	TN	3.13	0.001637	± 2.5	PASS
		VN	TN	4.64	0.002426	± 2.5	PASS
		VH	TN	4.73	0.002473	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.73	0.001474	± 2.5	PASS
		VN	-20	1.18	0.000637	± 2.5	PASS
		VN	-10	-1.28	-0.000691	± 2.5	PASS
		VN	0	-1.59	-0.000858	± 2.5	PASS
		VN	10	2.4	0.001296	± 2.5	PASS
		VN	20	2.55	0.001377	± 2.5	PASS
		VN	30	-0.65	-0.000351	± 2.5	PASS
		VN	40	2.31	0.001247	± 2.5	PASS
		VN	50	2.91	0.001571	± 2.5	PASS
	MCH	VN	-30	0.36	0.000191	± 2.5	PASS
		VN	-20	3.02	0.001604	± 2.5	PASS
		VN	-10	0	0.000000	± 2.5	PASS

		VN	0	1.33	0.000707	± 2.5	PASS
		VN	10	0.09	0.000048	± 2.5	PASS
		VN	20	1.36	0.000722	± 2.5	PASS
		VN	30	0.31	0.000165	± 2.5	PASS
		VN	40	4.91	0.002608	± 2.5	PASS
		VN	50	3.64	0.001934	± 2.5	PASS
	HCH	VN	-30	1.75	0.000915	± 2.5	PASS
		VN	-20	3.9	0.002039	± 2.5	PASS
		VN	-10	3.18	0.001663	± 2.5	PASS
		VN	0	0.06	0.000031	± 2.5	PASS
		VN	10	-0.53	-0.000277	± 2.5	PASS
		VN	20	-1.03	-0.000539	± 2.5	PASS
		VN	30	1.75	0.000915	± 2.5	PASS
		VN	40	-0.1	-0.000052	± 2.5	PASS
		VN	50	2.32	0.001213	± 2.5	PASS
16QAM	LCH	VN	-30	4.34	0.002343	± 2.5	PASS
		VN	-20	-1.67	-0.000901	± 2.5	PASS
		VN	-10	4.37	0.002359	± 2.5	PASS
		VN	0	0.6	0.000324	± 2.5	PASS
		VN	10	4.07	0.002197	± 2.5	PASS
		VN	20	1.25	0.000675	± 2.5	PASS
		VN	30	0.9	0.000486	± 2.5	PASS
		VN	40	3.5	0.001889	± 2.5	PASS
		VN	50	-1.19	-0.000642	± 2.5	PASS
	MCH	VN	-30	4.07	0.002162	± 2.5	PASS
		VN	-20	1.55	0.000823	± 2.5	PASS
		VN	-10	2.27	0.001206	± 2.5	PASS
		VN	0	-0.18	-0.000096	± 2.5	PASS
		VN	10	-0.41	-0.000218	± 2.5	PASS
		VN	20	3.67	0.001950	± 2.5	PASS
		VN	30	0.59	0.000313	± 2.5	PASS
		VN	40	0.94	0.000499	± 2.5	PASS
		VN	50	0	0.000000	± 2.5	PASS
	HCH	VN	-30	-1.16	-0.000607	± 2.5	PASS
		VN	-20	-1.86	-0.000973	± 2.5	PASS
		VN	-10	-1.53	-0.000800	± 2.5	PASS
		VN	0	3.39	0.001773	± 2.5	PASS
		VN	10	3.02	0.001579	± 2.5	PASS
		VN	20	-0.04	-0.000021	± 2.5	PASS
		VN	30	-0.09	-0.000047	± 2.5	PASS
		VN	40	-0.33	-0.000173	± 2.5	PASS

		VN	50	4.99	0.002609	± 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	-1.18	-0.000636	± 2.5	PASS
		VN	TN	-0.56	-0.000302	± 2.5	PASS
		VH	TN	2.82	0.001520	± 2.5	PASS
	MCH	VL	TN	1.01	0.000537	± 2.5	PASS
		VN	TN	-0.9	-0.000478	± 2.5	PASS
		VH	TN	-1.7	-0.000903	± 2.5	PASS
	HCH	VL	TN	0.25	0.000131	± 2.5	PASS
		VN	TN	2.22	0.001162	± 2.5	PASS
		VH	TN	1.44	0.000754	± 2.5	PASS
16QAM	LCH	VL	TN	-1.11	-0.000598	± 2.5	PASS
		VN	TN	3.37	0.001817	± 2.5	PASS
		VH	TN	2.74	0.001477	± 2.5	PASS
	MCH	VL	TN	-1.8	-0.000956	± 2.5	PASS
		VN	TN	0.04	0.000021	± 2.5	PASS
		VH	TN	-0.58	-0.000308	± 2.5	PASS
	HCH	VL	TN	3.1	0.001623	± 2.5	PASS
		VN	TN	-0.96	-0.000503	± 2.5	PASS
		VH	TN	4.36	0.002283	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	-1.42	-0.000765	± 2.5	PASS
		VN	-20	-1.72	-0.000927	± 2.5	PASS
		VN	-10	2.81	0.001515	± 2.5	PASS
		VN	0	-0.22	-0.000119	± 2.5	PASS
		VN	10	0.65	0.000350	± 2.5	PASS
		VN	20	-0.59	-0.000318	± 2.5	PASS
		VN	30	-1.64	-0.000884	± 2.5	PASS
		VN	40	2.23	0.001202	± 2.5	PASS
		VN	50	2.48	0.001337	± 2.5	PASS
	MCH	VN	-30	-0.11	-0.000058	± 2.5	PASS
		VN	-20	4.23	0.002247	± 2.5	PASS
		VN	-10	3.59	0.001907	± 2.5	PASS
		VN	0	3.97	0.002109	± 2.5	PASS

		VN	10	-1.63	-0.000866	± 2.5	PASS
		VN	20	4.88	0.002592	± 2.5	PASS
		VN	30	0.71	0.000377	± 2.5	PASS
		VN	40	-1.36	-0.000722	± 2.5	PASS
		VN	50	1.51	0.000802	± 2.5	PASS
	HCH	VN	-30	0.32	0.000168	± 2.5	PASS
		VN	-20	2.52	0.001319	± 2.5	PASS
		VN	-10	-1.1	-0.000576	± 2.5	PASS
		VN	0	4.56	0.002387	± 2.5	PASS
		VN	10	2.44	0.001277	± 2.5	PASS
		VN	20	-0.27	-0.000141	± 2.5	PASS
		VN	30	-1.68	-0.000880	± 2.5	PASS
		VN	40	4.6	0.002408	± 2.5	PASS
		VN	50	0.28	0.000147	± 2.5	PASS
		VN	-30	-1.94	-0.001046	± 2.5	PASS
QPSK	LCH	VN	-20	-1.85	-0.000997	± 2.5	PASS
		VN	-10	2.2	0.001186	± 2.5	PASS
		VN	0	1.69	0.000911	± 2.5	PASS
		VN	10	1.77	0.000954	± 2.5	PASS
		VN	20	4.98	0.002685	± 2.5	PASS
		VN	30	0.8	0.000431	± 2.5	PASS
		VN	40	4.39	0.002367	± 2.5	PASS
		VN	50	-1.22	-0.000658	± 2.5	PASS
	MCH	VN	-30	1.33	0.000707	± 2.5	PASS
		VN	-20	-1.42	-0.000754	± 2.5	PASS
		VN	-10	-1.47	-0.000781	± 2.5	PASS
		VN	0	2.41	0.001280	± 2.5	PASS
		VN	10	-0.87	-0.000462	± 2.5	PASS
		VN	20	4.84	0.002571	± 2.5	PASS
		VN	30	3.35	0.001780	± 2.5	PASS
		VN	40	1.2	0.000637	± 2.5	PASS
		VN	50	4.66	0.002475	± 2.5	PASS
	HCH	VN	-30	4.98	0.002607	± 2.5	PASS
		VN	-20	-1.88	-0.000984	± 2.5	PASS
		VN	-10	1.25	0.000654	± 2.5	PASS
		VN	0	4.79	0.002508	± 2.5	PASS
		VN	10	1.23	0.000644	± 2.5	PASS
		VN	20	-1.8	-0.000942	± 2.5	PASS
		VN	30	2.76	0.001445	± 2.5	PASS
		VN	40	-0.22	-0.000115	± 2.5	PASS
		VN	50	-1.1	-0.000576	± 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	1.13	0.000608	± 2.5	PASS
		VN	TN	-1.28	-0.000689	± 2.5	PASS
		VH	TN	3.7	0.001992	± 2.5	PASS
	MCH	VL	TN	4.7	0.002497	± 2.5	PASS
		VN	TN	2.5	0.001328	± 2.5	PASS
		VH	TN	4.39	0.002332	± 2.5	PASS
	HCH	VL	TN	-1.31	-0.000687	± 2.5	PASS
		VN	TN	1.58	0.000828	± 2.5	PASS
		VH	TN	2.6	0.001363	± 2.5	PASS
16QAM	LCH	VL	TN	2.94	0.001583	± 2.5	PASS
		VN	TN	3.91	0.002105	± 2.5	PASS
		VH	TN	-1.59	-0.000856	± 2.5	PASS
	MCH	VL	TN	-0.66	-0.000351	± 2.5	PASS
		VN	TN	0.92	0.000489	± 2.5	PASS
		VH	TN	-1.46	-0.000776	± 2.5	PASS
	HCH	VL	TN	0.71	0.000372	± 2.5	PASS
		VN	TN	3.62	0.001898	± 2.5	PASS
		VH	TN	-1.65	-0.000865	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.81	0.000436	± 2.5	PASS
		VN	-20	0.85	0.000458	± 2.5	PASS
		VN	-10	3.34	0.001798	± 2.5	PASS
		VN	0	-0.39	-0.000210	± 2.5	PASS
		VN	10	0.87	0.000468	± 2.5	PASS
		VN	20	3.87	0.002083	± 2.5	PASS
		VN	30	0.78	0.000420	± 2.5	PASS
		VN	40	3.35	0.001803	± 2.5	PASS
		VN	50	-1.34	-0.000721	± 2.5	PASS
	MCH	VN	-30	4.02	0.002135	± 2.5	PASS
		VN	-20	-1.32	-0.000701	± 2.5	PASS
		VN	-10	1.25	0.000664	± 2.5	PASS
		VN	0	2.52	0.001339	± 2.5	PASS
		VN	10	3.25	0.001726	± 2.5	PASS
		VN	20	4.15	0.002205	± 2.5	PASS

		VN	30	-0.85	-0.000452	± 2.5	PASS
		VN	40	2.01	0.001068	± 2.5	PASS
		VN	50	3.94	0.002093	± 2.5	PASS
	HCH	VN	-30	1.14	0.000598	± 2.5	PASS
		VN	-20	3.7	0.001940	± 2.5	PASS
		VN	-10	1.34	0.000702	± 2.5	PASS
		VN	0	0.77	0.000404	± 2.5	PASS
		VN	10	4.99	0.002616	± 2.5	PASS
		VN	20	2.23	0.001169	± 2.5	PASS
		VN	30	-1.55	-0.000813	± 2.5	PASS
		VN	40	-1.62	-0.000849	± 2.5	PASS
		VN	50	2.53	0.001326	± 2.5	PASS
16QAM	LCH	VN	-30	-1.08	-0.000581	± 2.5	PASS
		VN	-20	0.59	0.000318	± 2.5	PASS
		VN	-10	1.09	0.000587	± 2.5	PASS
		VN	0	2.43	0.001308	± 2.5	PASS
		VN	10	0.77	0.000415	± 2.5	PASS
		VN	20	-1.4	-0.000754	± 2.5	PASS
		VN	30	2.01	0.001082	± 2.5	PASS
		VN	40	-1.81	-0.000974	± 2.5	PASS
		VN	50	0.53	0.000285	± 2.5	PASS
	MCH	VN	-30	2.99	0.001588	± 2.5	PASS
		VN	-20	4.31	0.002290	± 2.5	PASS
		VN	-10	0.44	0.000234	± 2.5	PASS
		VN	0	2.13	0.001131	± 2.5	PASS
		VN	10	3.23	0.001716	± 2.5	PASS
		VN	20	0.44	0.000234	± 2.5	PASS
		VN	30	4.46	0.002369	± 2.5	PASS
		VN	40	-1.58	-0.000839	± 2.5	PASS
		VN	50	2.07	0.001100	± 2.5	PASS
	HCH	VN	-30	-1.96	-0.001028	± 2.5	PASS
		VN	-20	4.33	0.002270	± 2.5	PASS
		VN	-10	1.74	0.000912	± 2.5	PASS
		VN	0	-1.15	-0.000603	± 2.5	PASS
		VN	10	1.28	0.000671	± 2.5	PASS
		VN	20	3.81	0.001997	± 2.5	PASS
		VN	30	4.87	0.002553	± 2.5	PASS
		VN	40	4.17	0.002186	± 2.5	PASS
		VN	50	3.79	0.001987	± 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	0.4	0.000215	± 2.5	PASS
		VN	TN	-1.37	-0.000737	± 2.5	PASS
		VH	TN	-1.07	-0.000575	± 2.5	PASS
	MCH	VL	TN	4.98	0.002645	± 2.5	PASS
		VN	TN	2.18	0.001158	± 2.5	PASS
		VH	TN	2.75	0.001461	± 2.5	PASS
	HCH	VL	TN	-1.68	-0.000882	± 2.5	PASS
		VN	TN	4.27	0.002241	± 2.5	PASS
		VH	TN	1.28	0.000672	± 2.5	PASS
16QAM	LCH	VL	TN	3.52	0.001892	± 2.5	PASS
		VN	TN	3.44	0.001849	± 2.5	PASS
		VH	TN	4.68	0.002516	± 2.5	PASS
	MCH	VL	TN	0.78	0.000414	± 2.5	PASS
		VN	TN	-0.78	-0.000414	± 2.5	PASS
		VH	TN	4.98	0.002645	± 2.5	PASS
	HCH	VL	TN	-0.99	-0.000520	± 2.5	PASS
		VN	TN	4.15	0.002178	± 2.5	PASS
		VH	TN	2.45	0.001286	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.42	0.000763	± 2.5	PASS
		VN	-20	3.5	0.001882	± 2.5	PASS
		VN	-10	-0.01	-0.000005	± 2.5	PASS
		VN	0	-0.48	-0.000258	± 2.5	PASS
		VN	10	-0.99	-0.000532	± 2.5	PASS
		VN	20	2.6	0.001398	± 2.5	PASS
		VN	30	3.03	0.001629	± 2.5	PASS
		VN	40	3.32	0.001785	± 2.5	PASS
		VN	50	2.69	0.001446	± 2.5	PASS
	MCH	VN	-30	-1.26	-0.000670	± 2.5	PASS
		VN	-20	3.68	0.001957	± 2.5	PASS
		VN	-10	1.71	0.000910	± 2.5	PASS
		VN	0	2.29	0.001218	± 2.5	PASS
		VN	10	0.82	0.000436	± 2.5	PASS
		VN	20	-0.78	-0.000415	± 2.5	PASS

		VN	30	-1.56	-0.000830	± 2.5	PASS
		VN	40	1.37	0.000729	± 2.5	PASS
		VN	50	-0.82	-0.000436	± 2.5	PASS
	HCH	VN	-30	1.72	0.000903	± 2.5	PASS
		VN	-20	2.9	0.001522	± 2.5	PASS
		VN	-10	3.23	0.001696	± 2.5	PASS
		VN	0	4.38	0.002299	± 2.5	PASS
		VN	10	0.31	0.000163	± 2.5	PASS
		VN	20	-0.27	-0.000142	± 2.5	PASS
		VN	30	-0.79	-0.000415	± 2.5	PASS
		VN	40	-0.73	-0.000383	± 2.5	PASS
		VN	50	2.15	0.001129	± 2.5	PASS
16QAM	LCH	VN	-30	3.83	0.002059	± 2.5	PASS
		VN	-20	-1.75	-0.000941	± 2.5	PASS
		VN	-10	0.65	0.000349	± 2.5	PASS
		VN	0	2.31	0.001242	± 2.5	PASS
		VN	10	0.96	0.000516	± 2.5	PASS
		VN	20	3.69	0.001984	± 2.5	PASS
		VN	30	-0.92	-0.000495	± 2.5	PASS
		VN	40	-1.56	-0.000839	± 2.5	PASS
		VN	50	1.64	0.000882	± 2.5	PASS
	MCH	VN	-30	-1.19	-0.000632	± 2.5	PASS
		VN	-20	1.6	0.000850	± 2.5	PASS
		VN	-10	-0.78	-0.000414	± 2.5	PASS
		VN	0	-2	-0.001062	± 2.5	PASS
		VN	10	-0.81	-0.000430	± 2.5	PASS
		VN	20	1.52	0.000807	± 2.5	PASS
		VN	30	-0.45	-0.000239	± 2.5	PASS
		VN	40	0.93	0.000494	± 2.5	PASS
		VN	50	4.61	0.002449	± 2.5	PASS
	HCH	VN	-30	1.21	0.000635	± 2.5	PASS
		VN	-20	2.16	0.001134	± 2.5	PASS
		VN	-10	4.62	0.002425	± 2.5	PASS
		VN	0	1.95	0.001024	± 2.5	PASS
		VN	10	0.41	0.000215	± 2.5	PASS
		VN	20	-0.47	-0.000247	± 2.5	PASS
		VN	30	4.81	0.002525	± 2.5	PASS
		VN	40	3.43	0.001801	± 2.5	PASS
		VN	50	4.81	0.002525	± 2.5	PASS