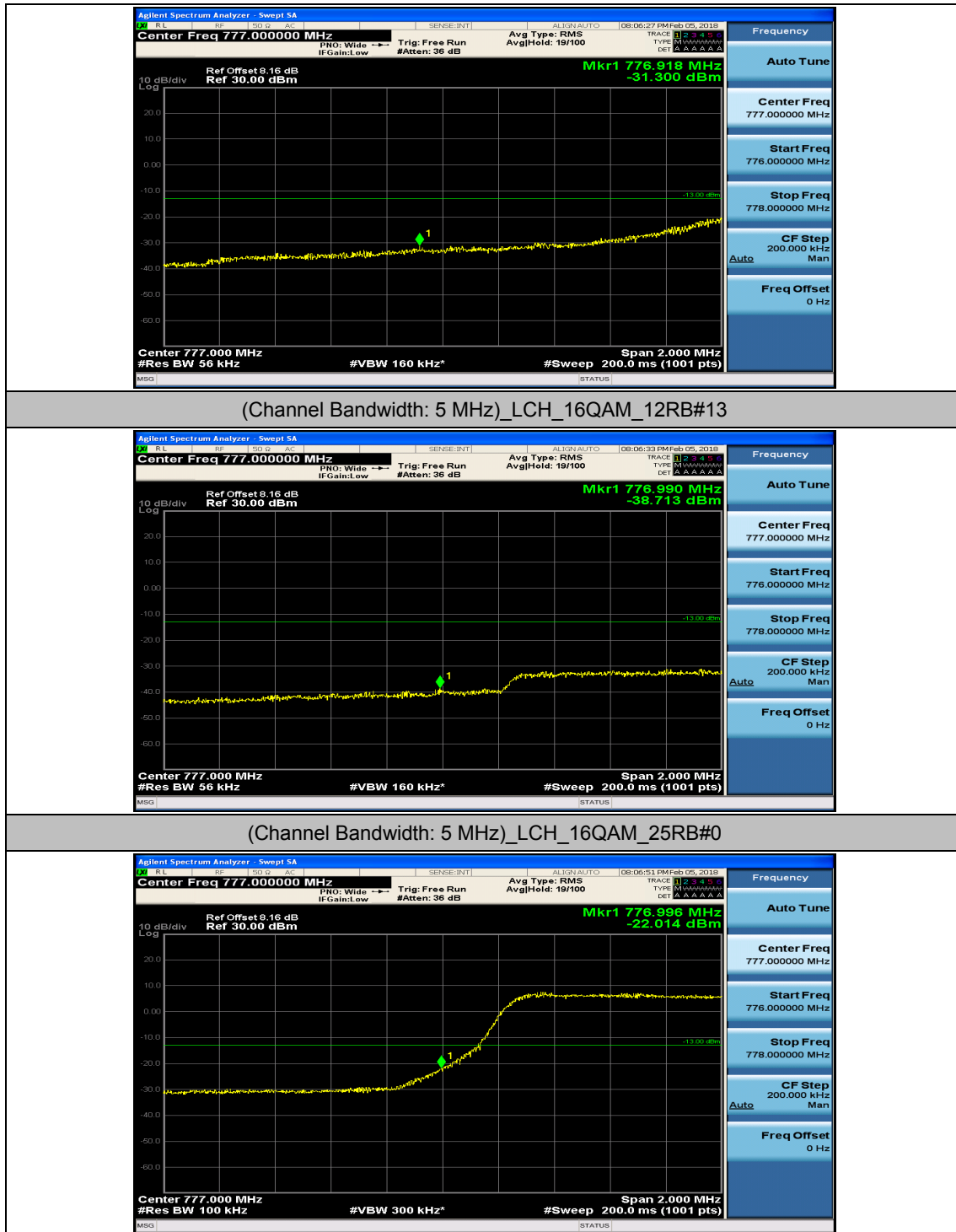
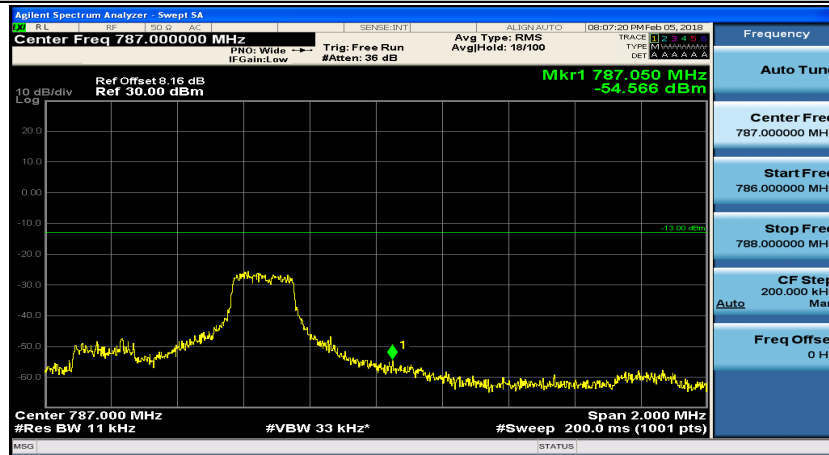
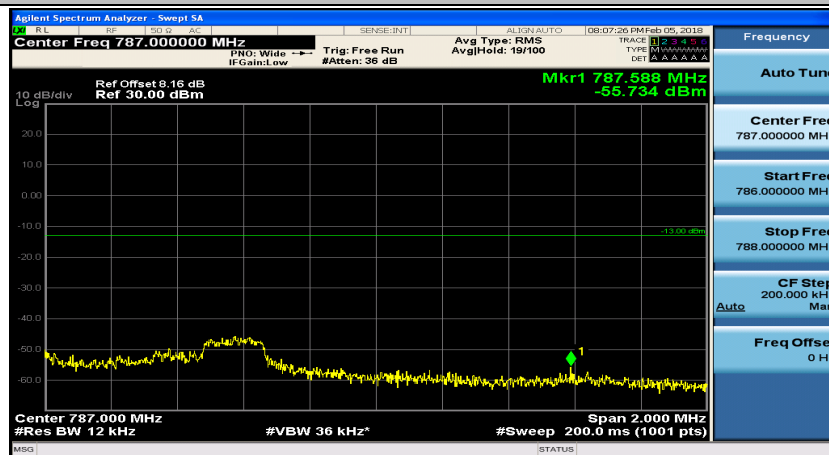




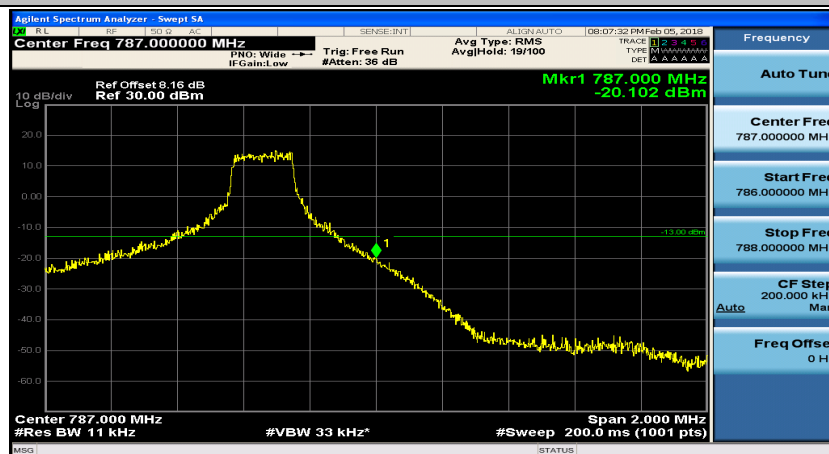
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



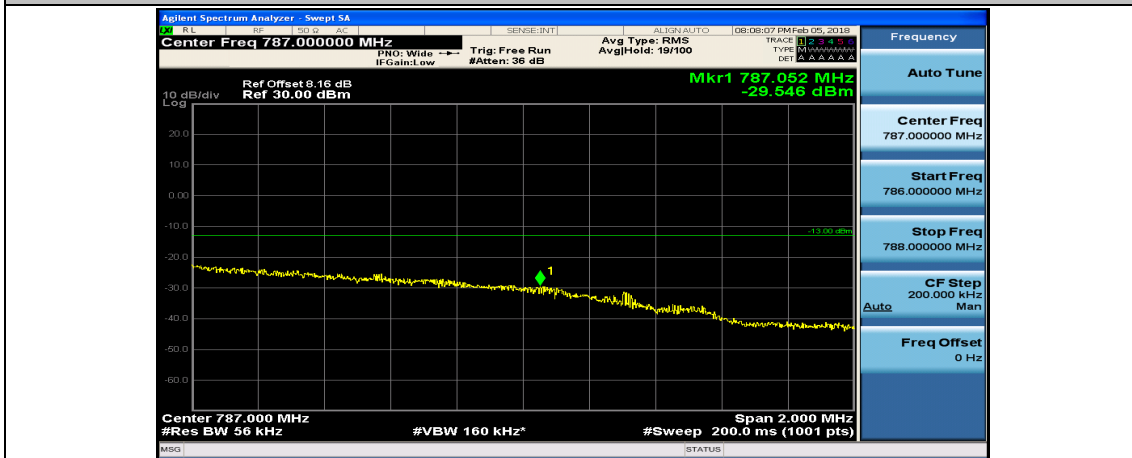
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



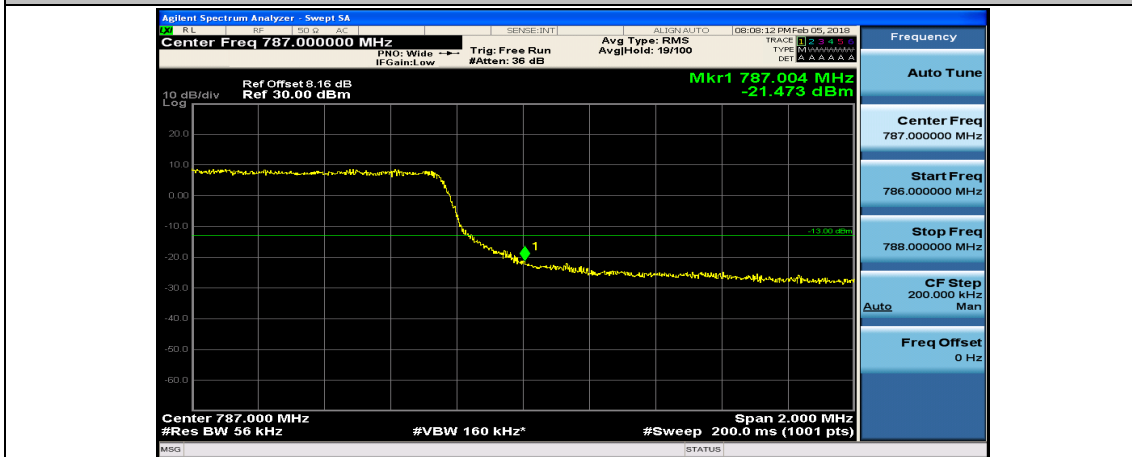
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



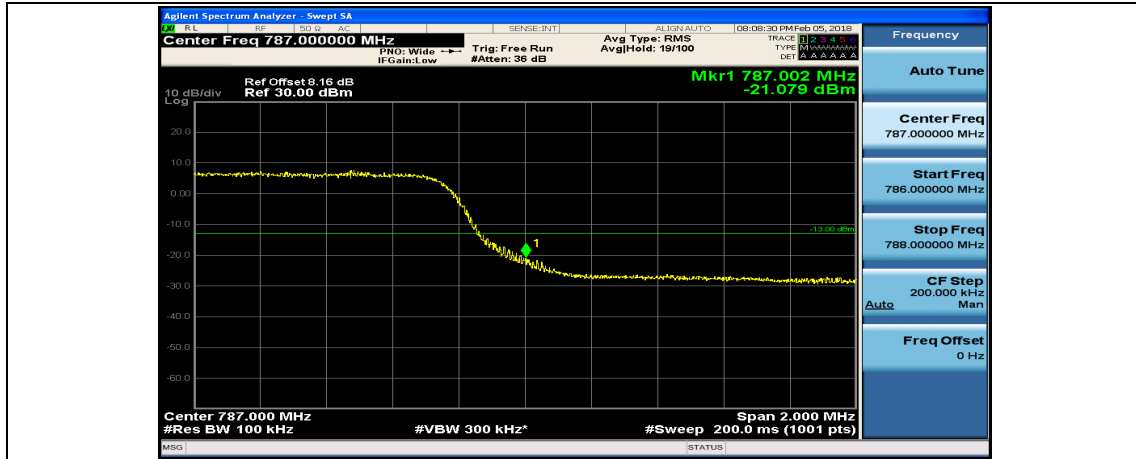
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



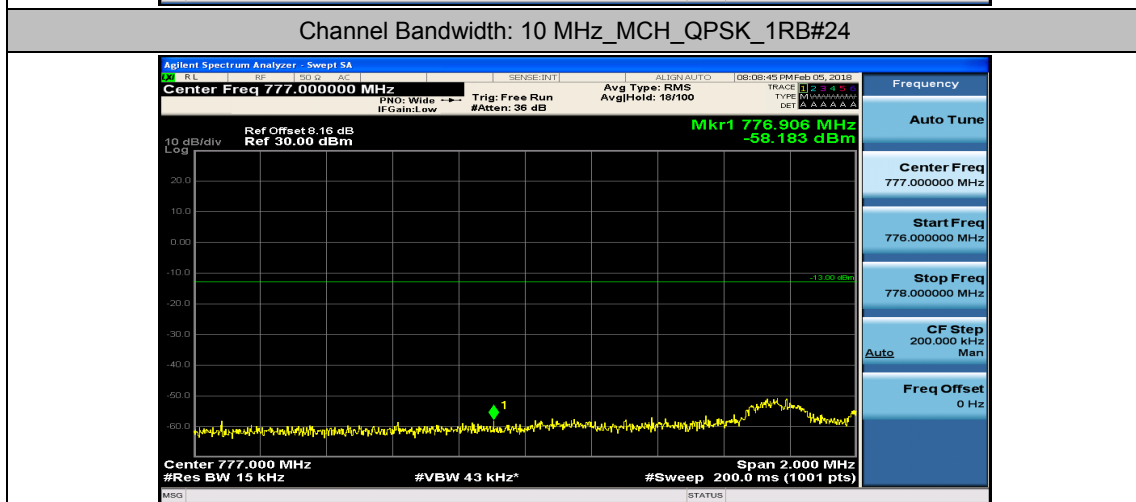
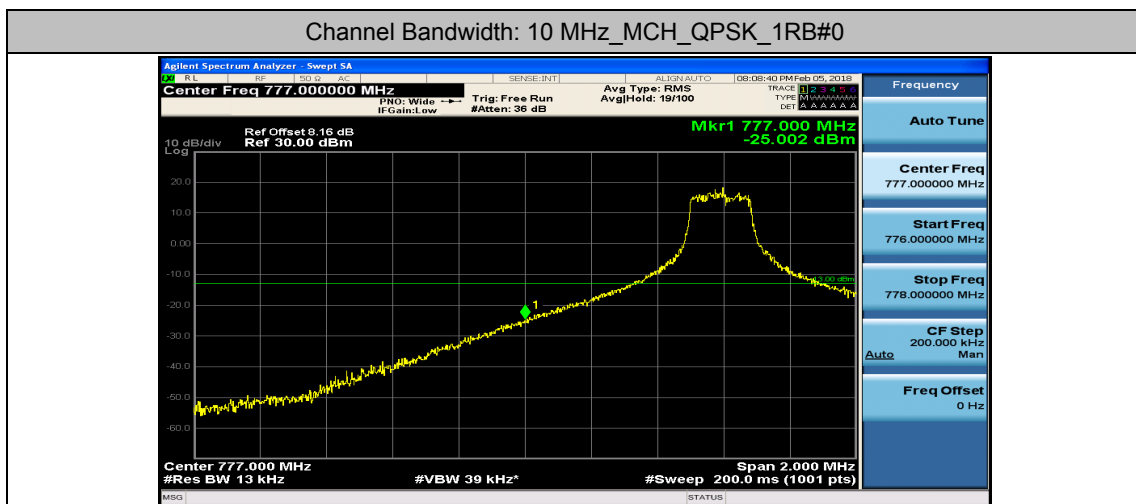
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

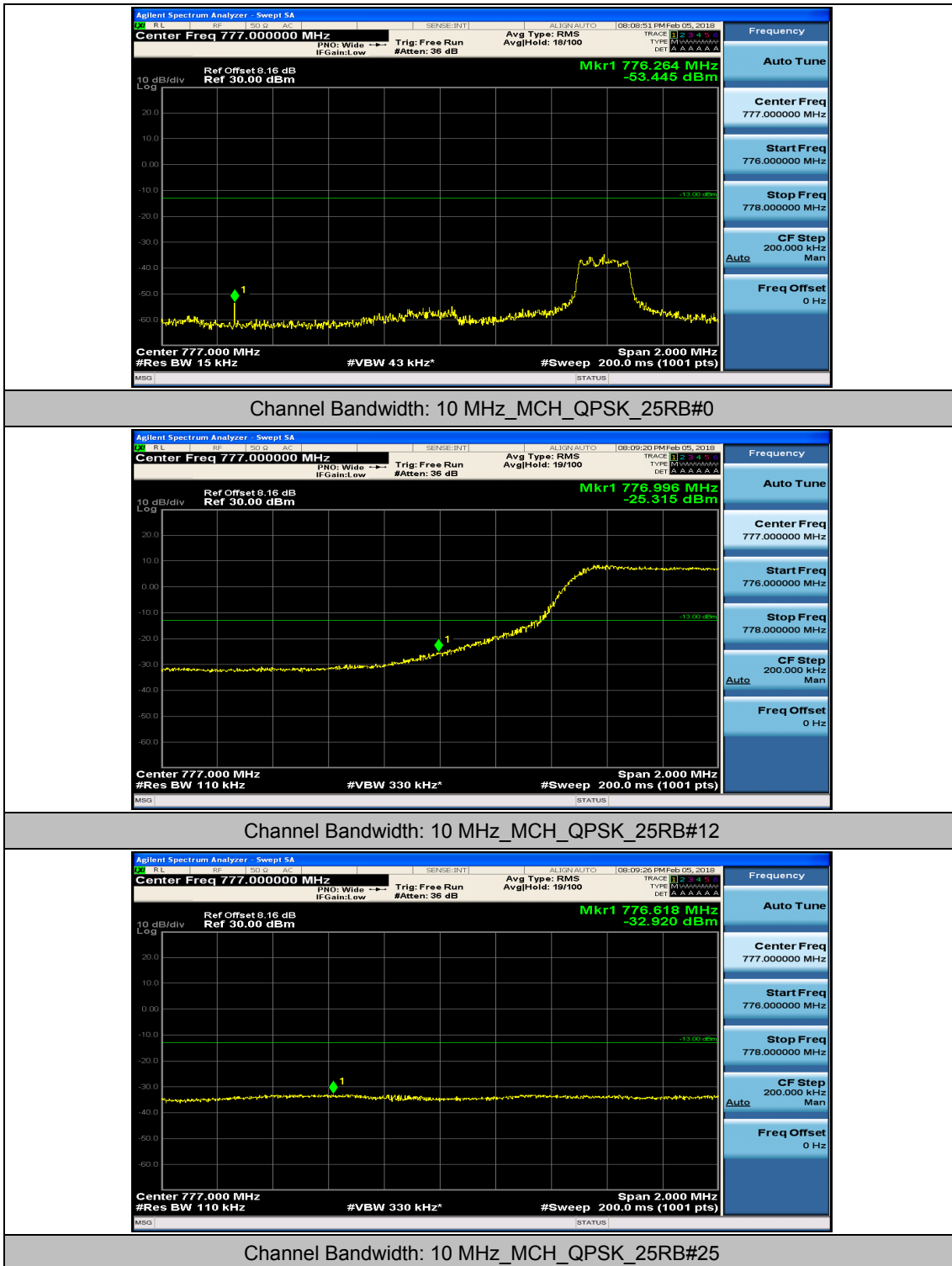


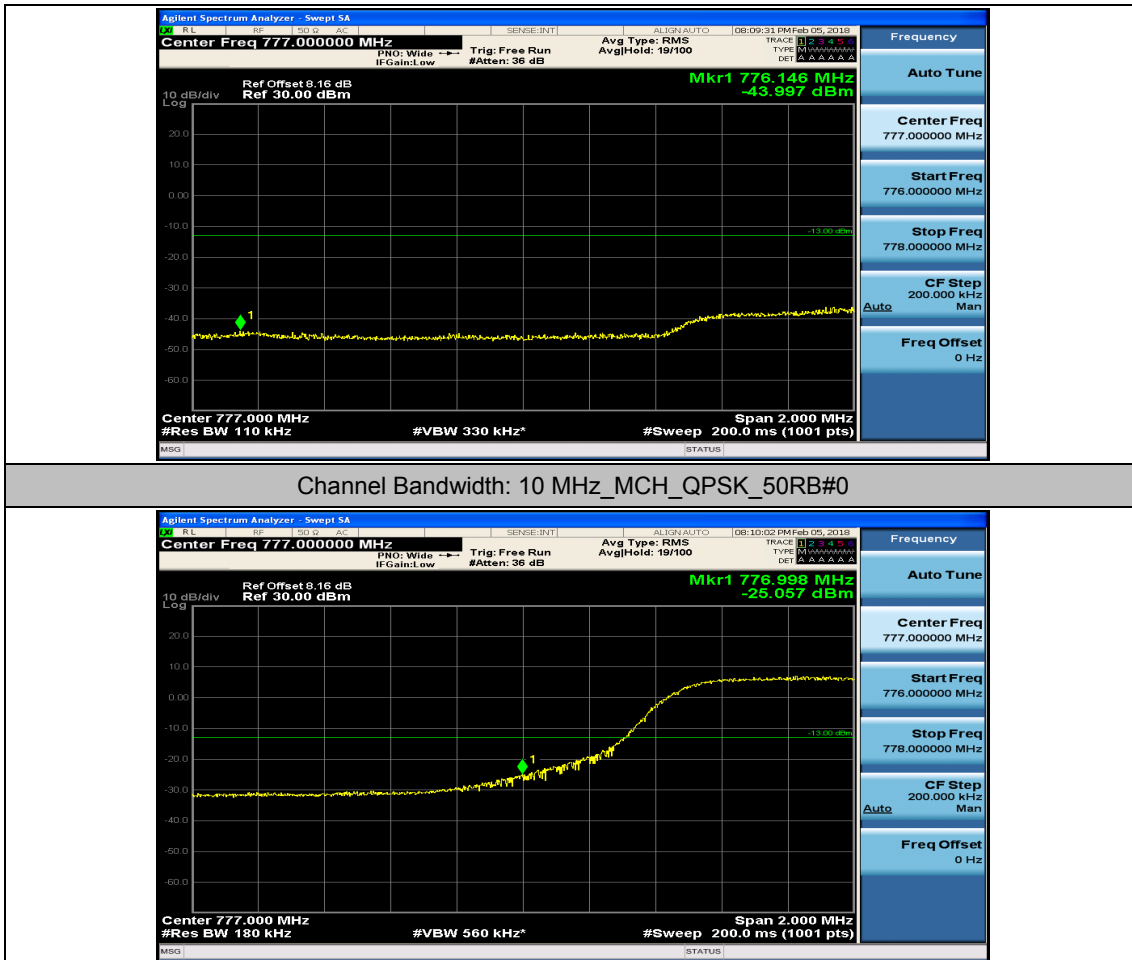
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz



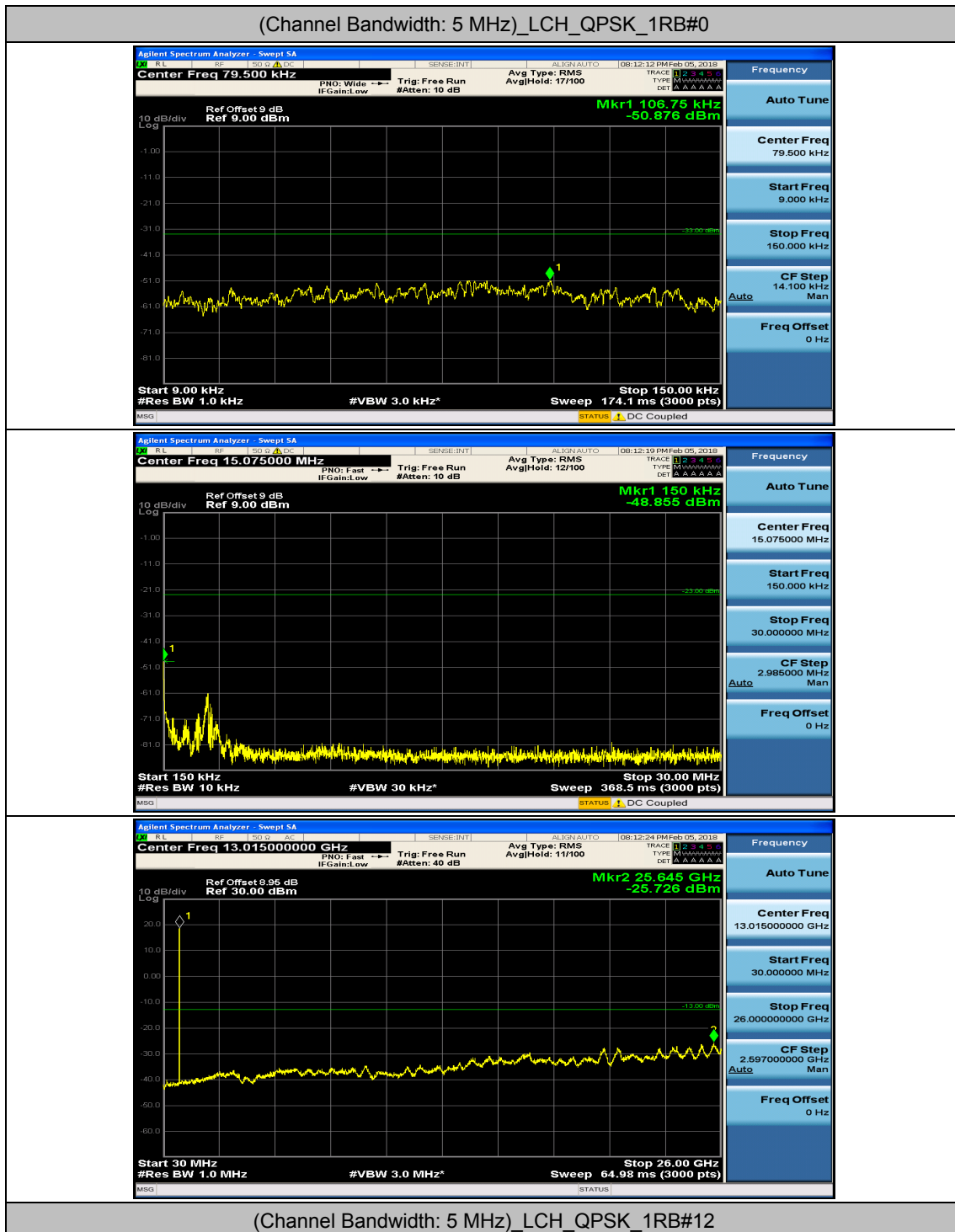


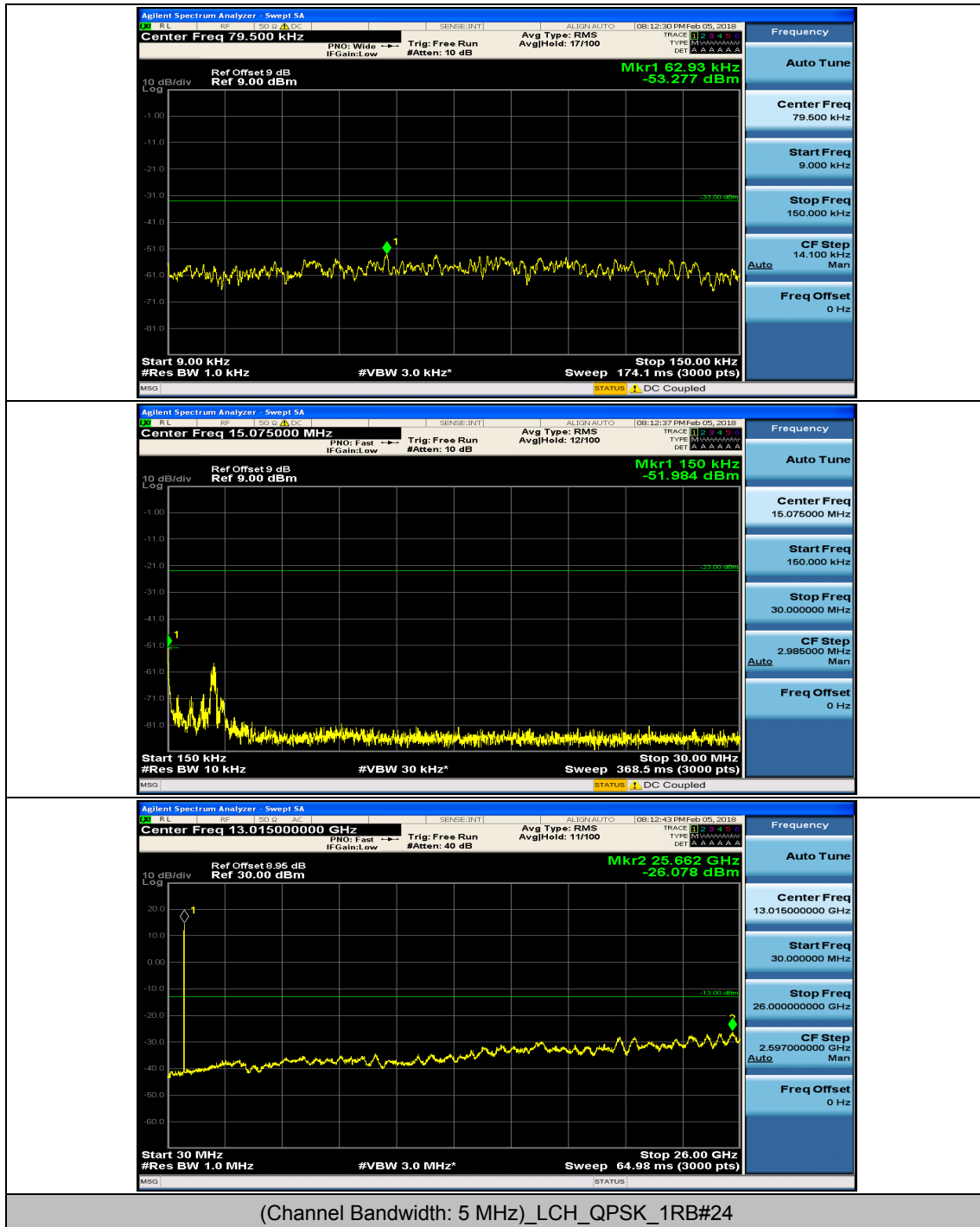


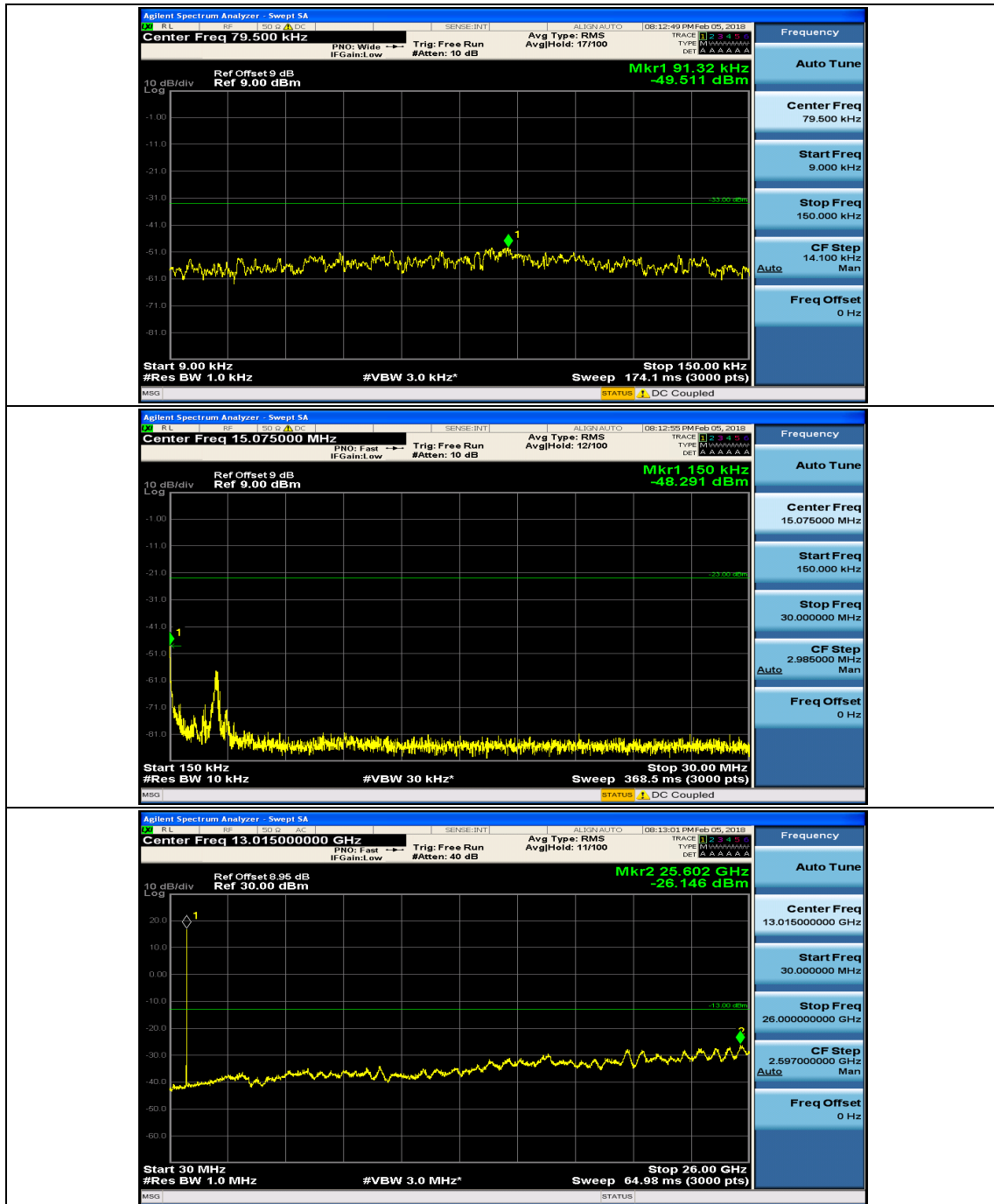
Appendix E: Conducted Spurious Emission

Test Graphs

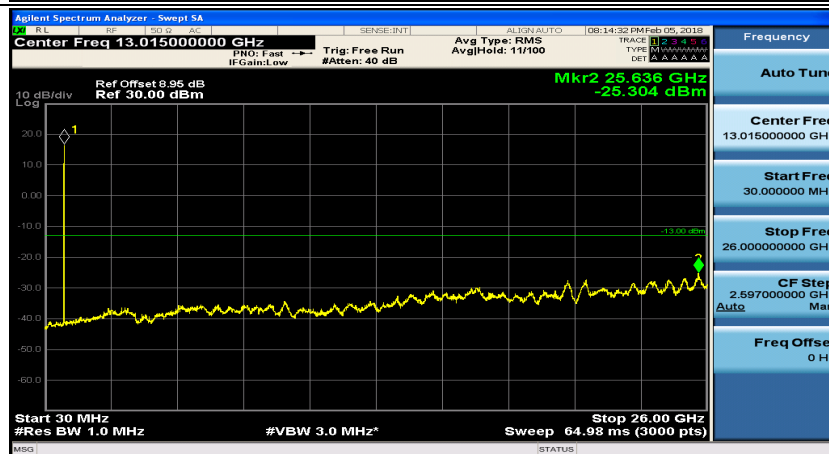
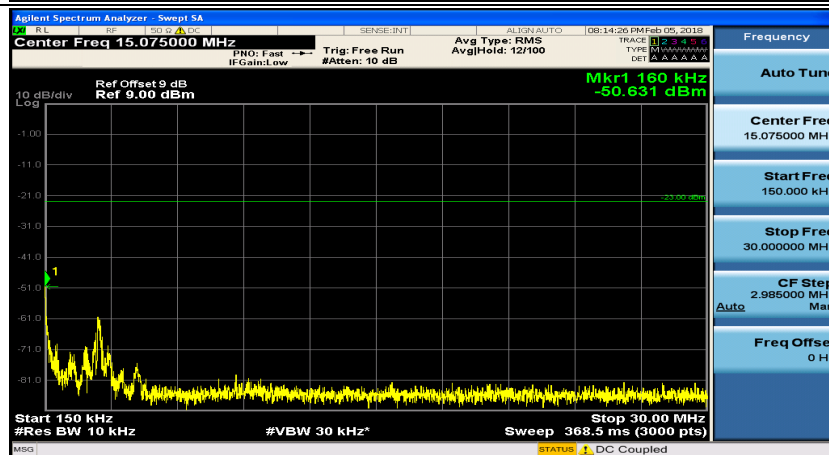
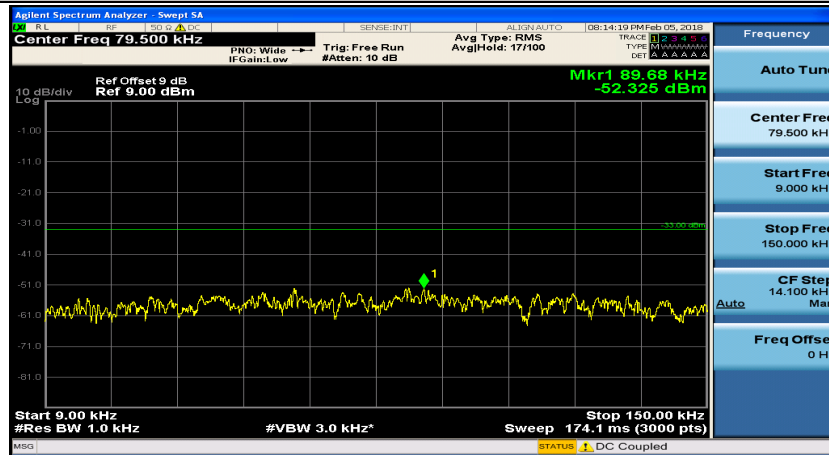
Channel Bandwidth: 5 MHz



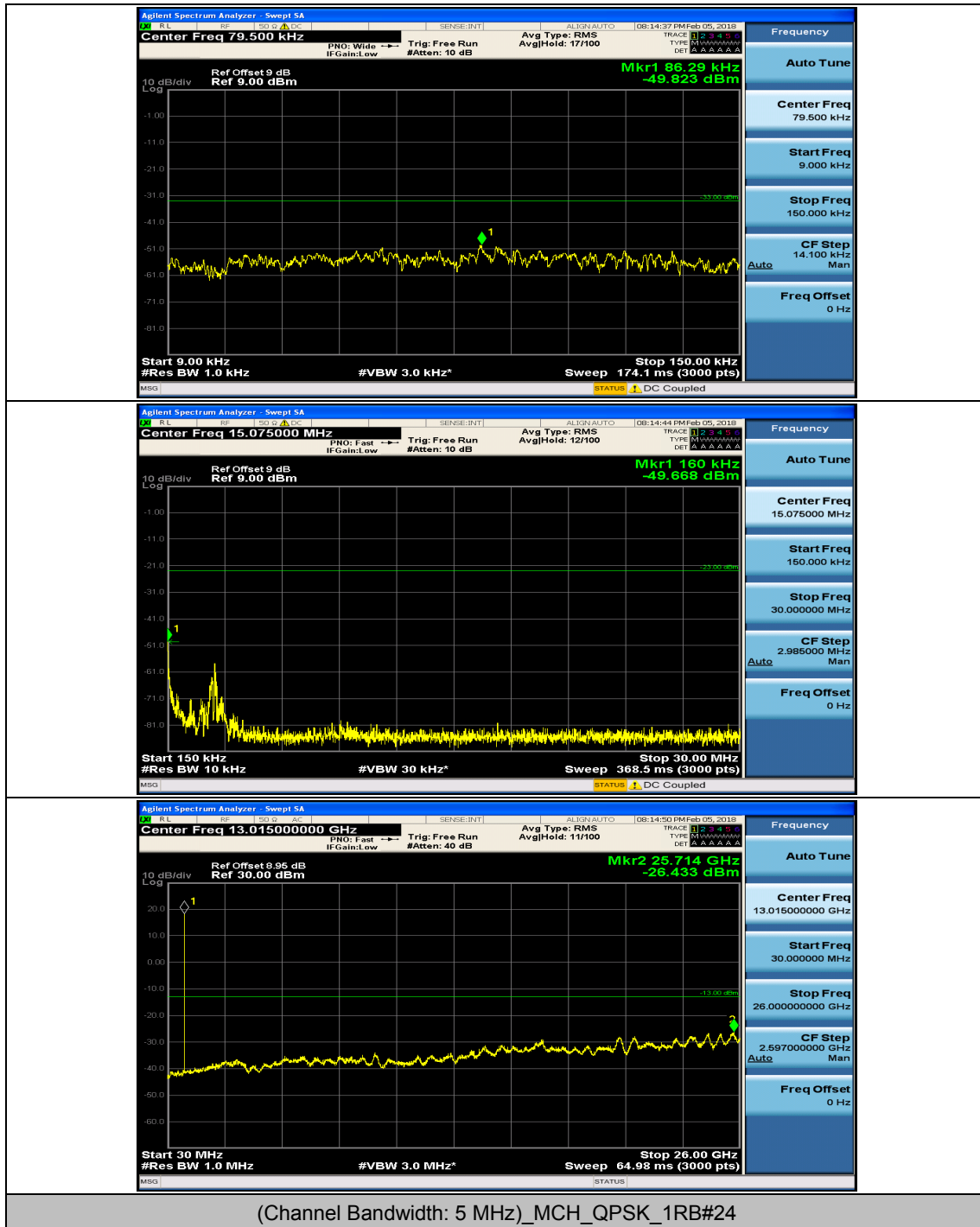


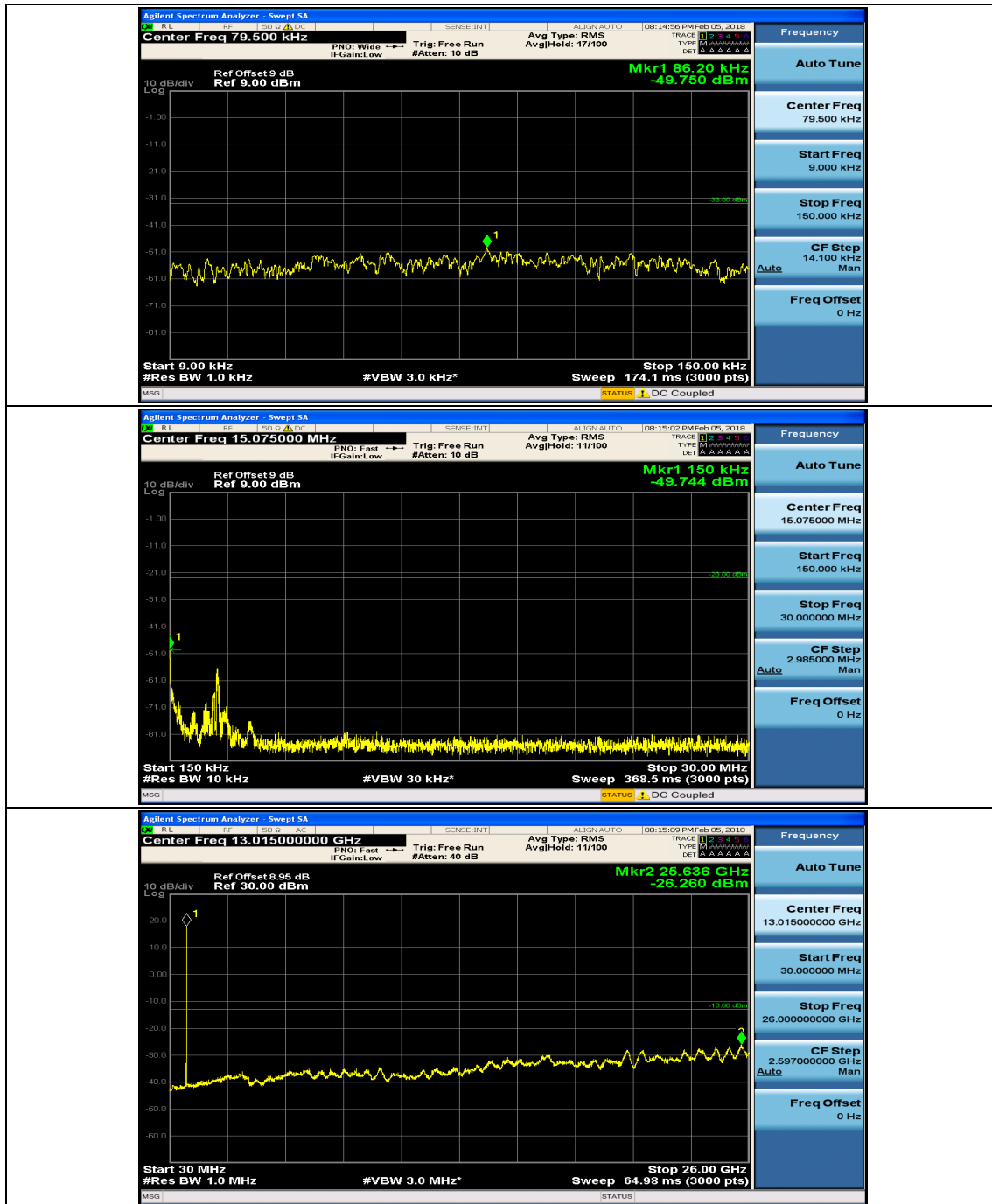


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

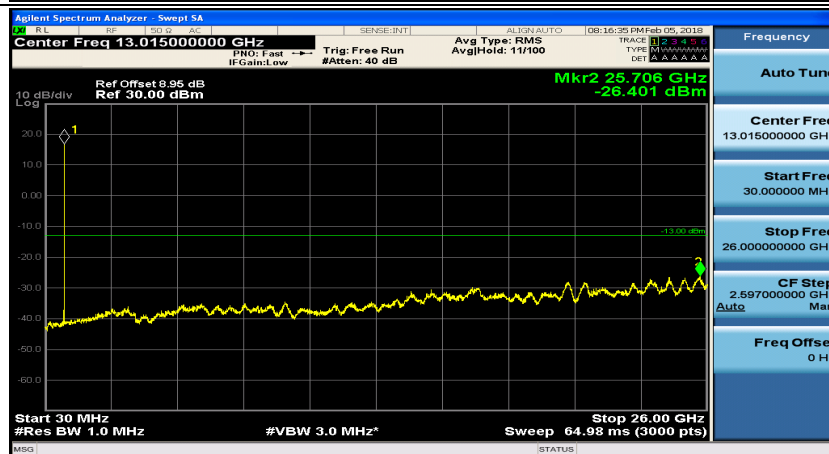
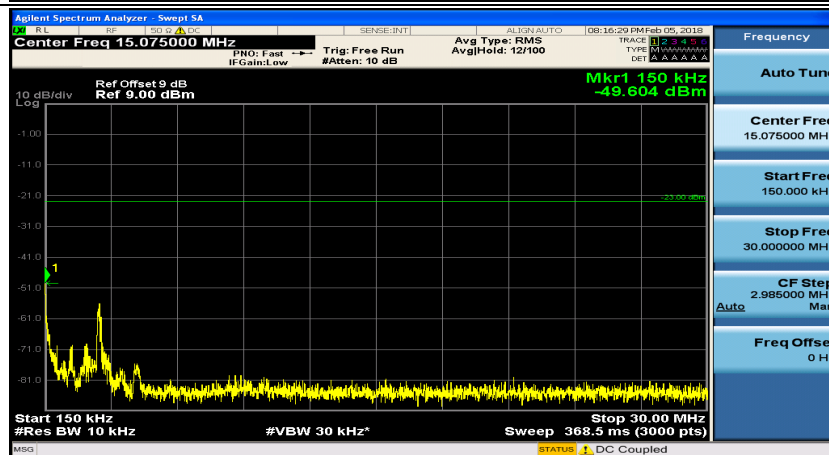
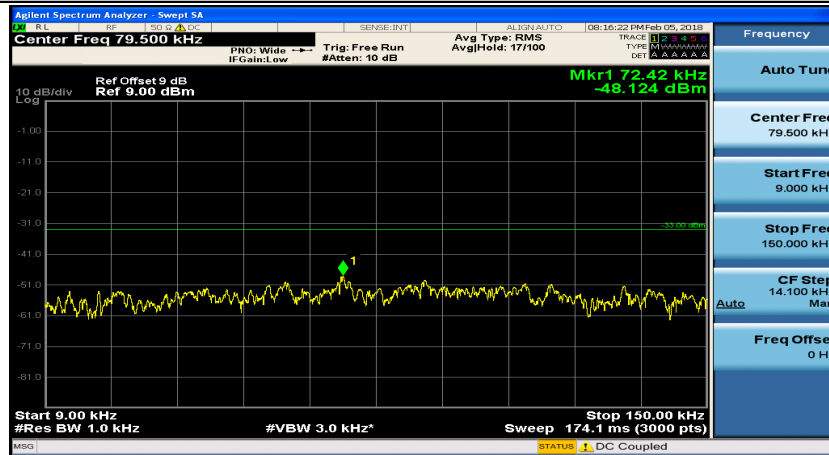


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

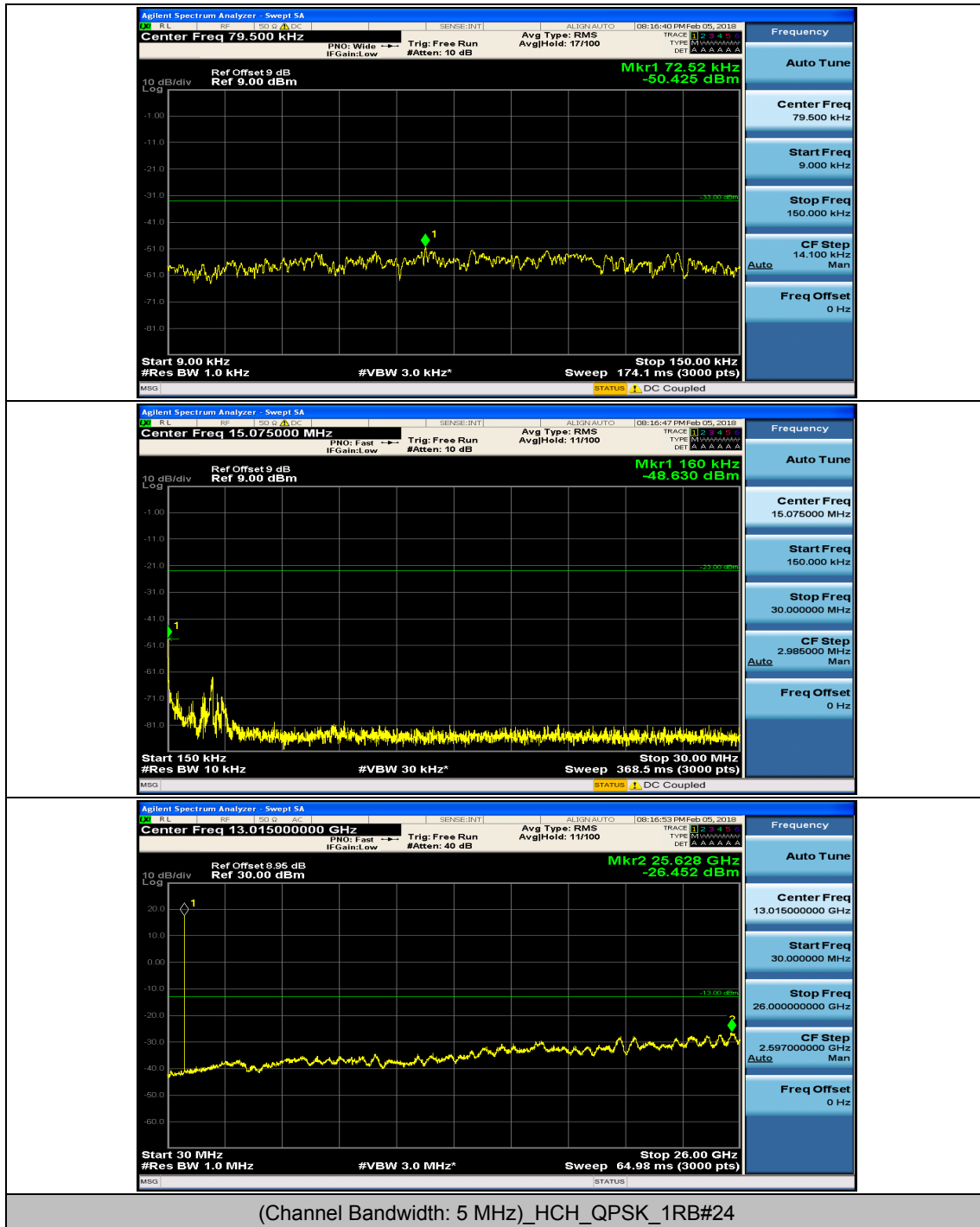


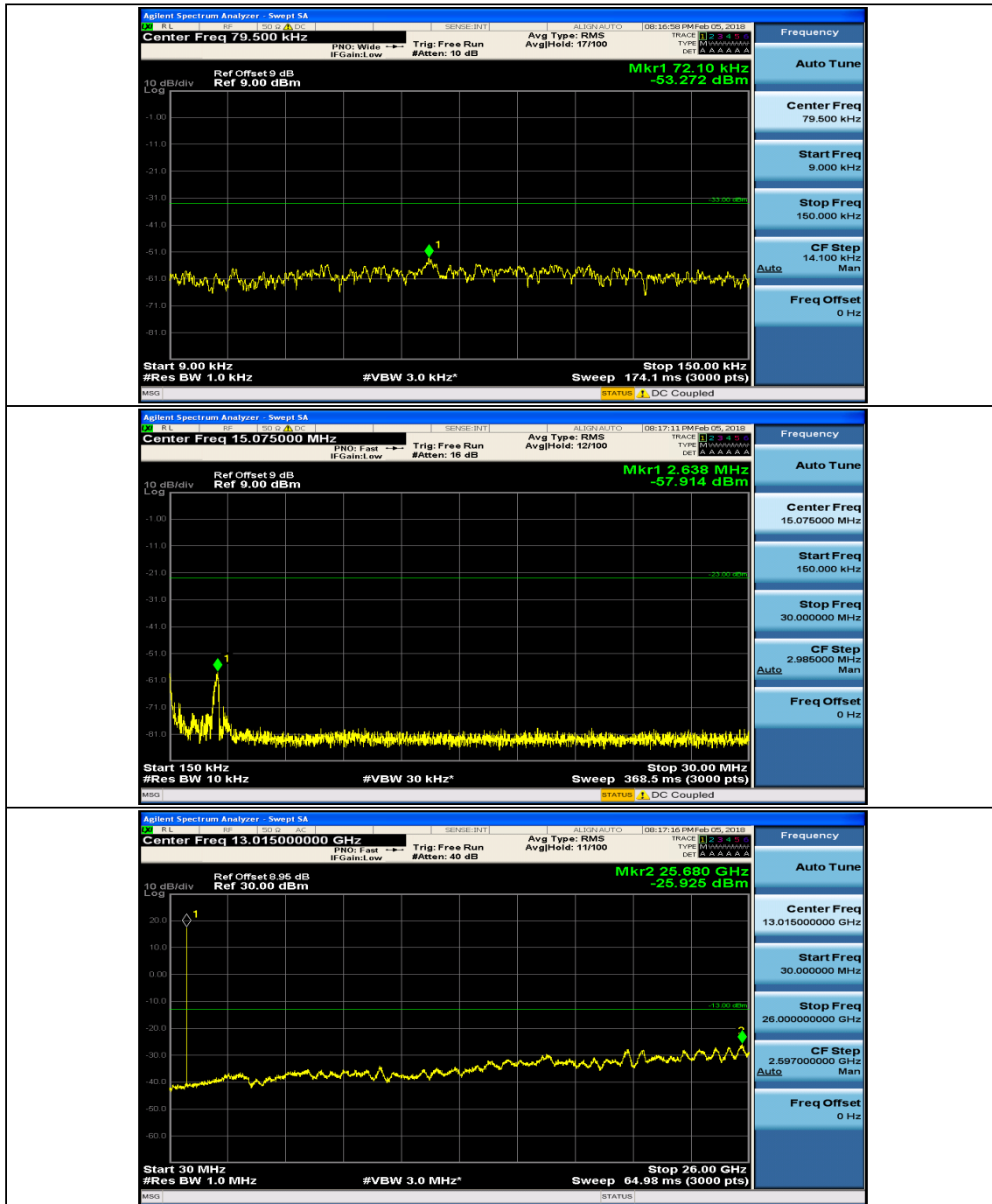


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

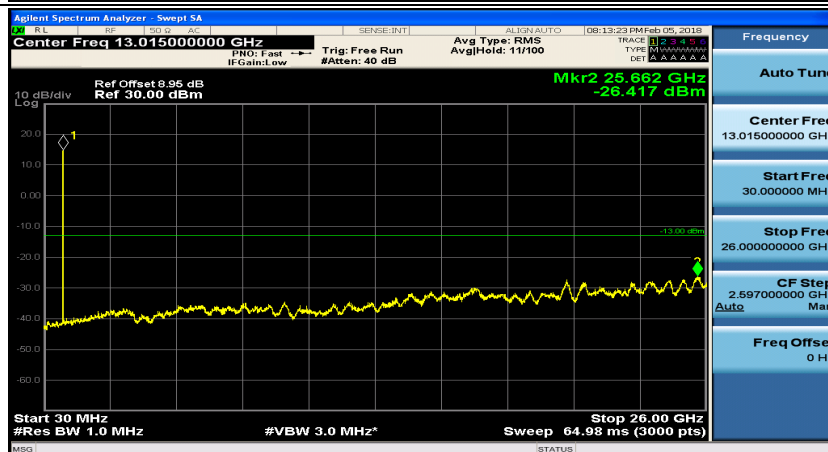
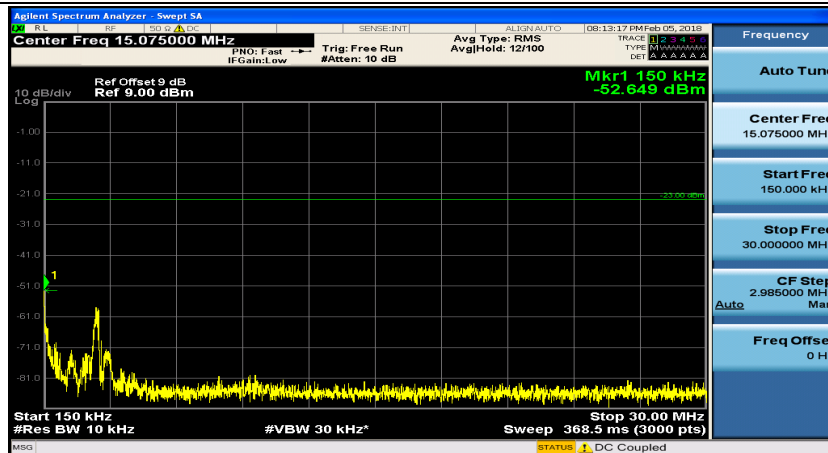
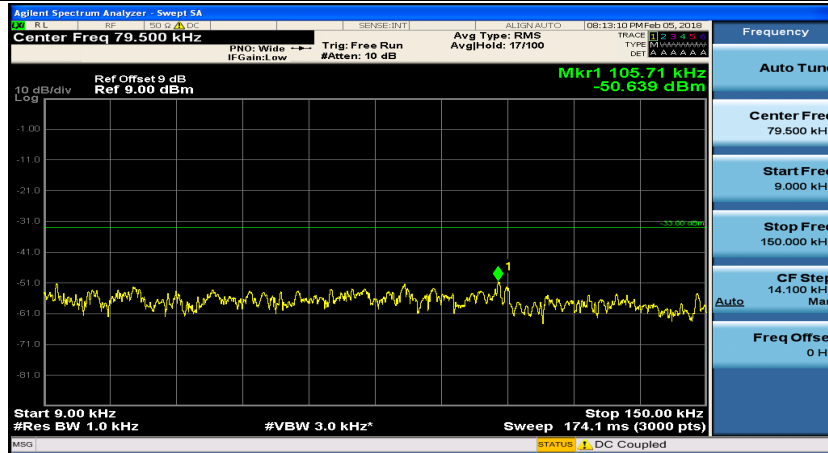


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

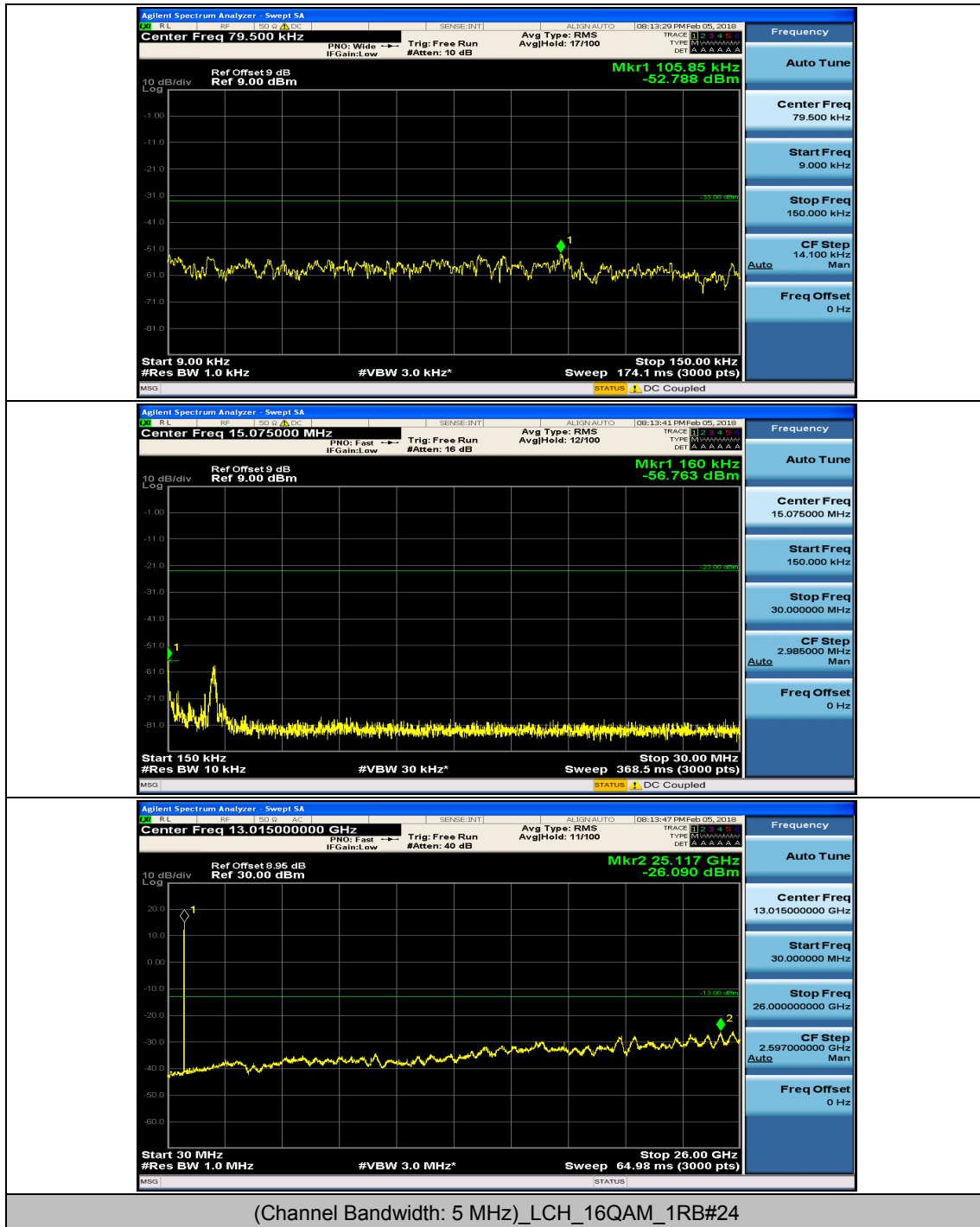


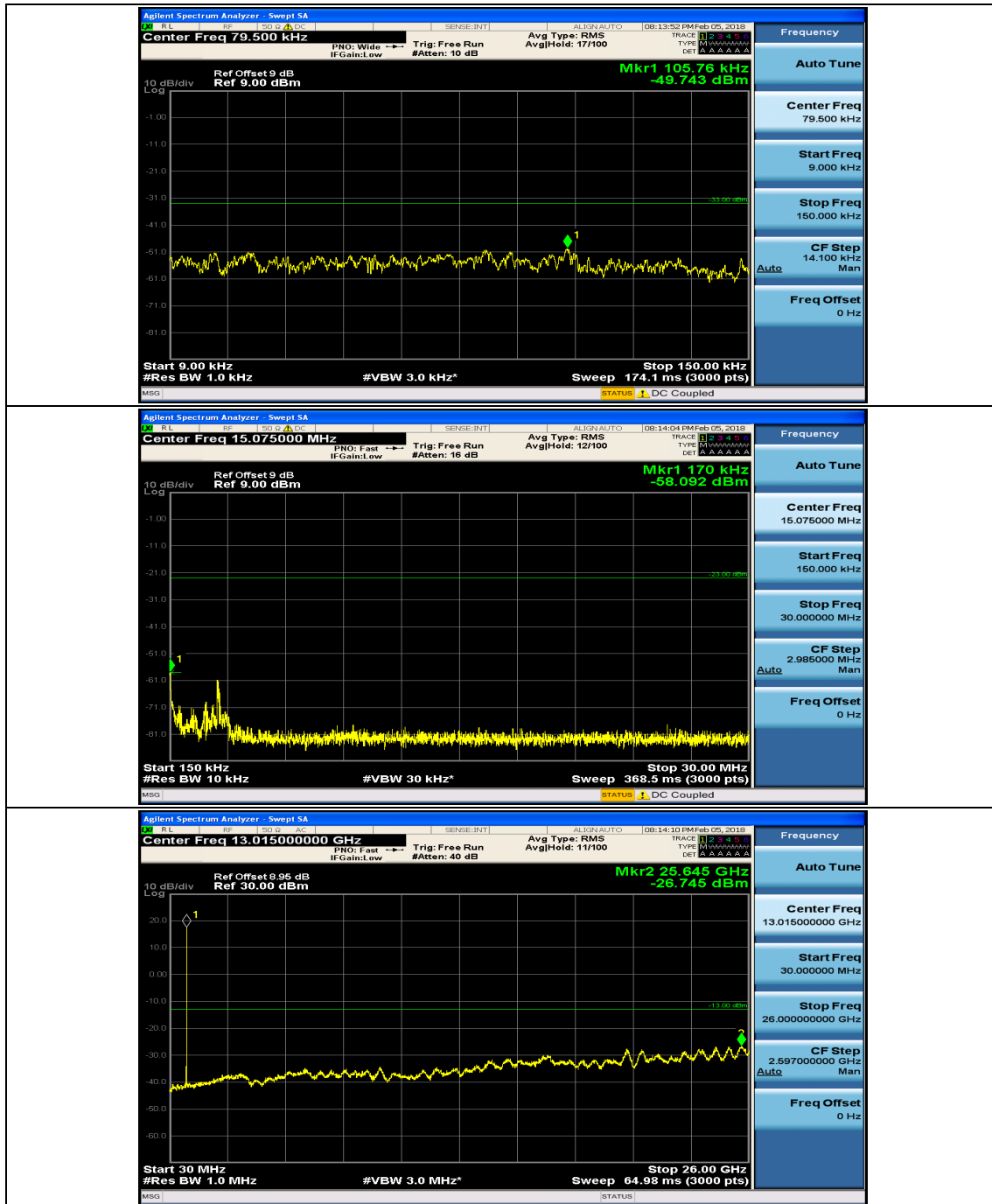


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

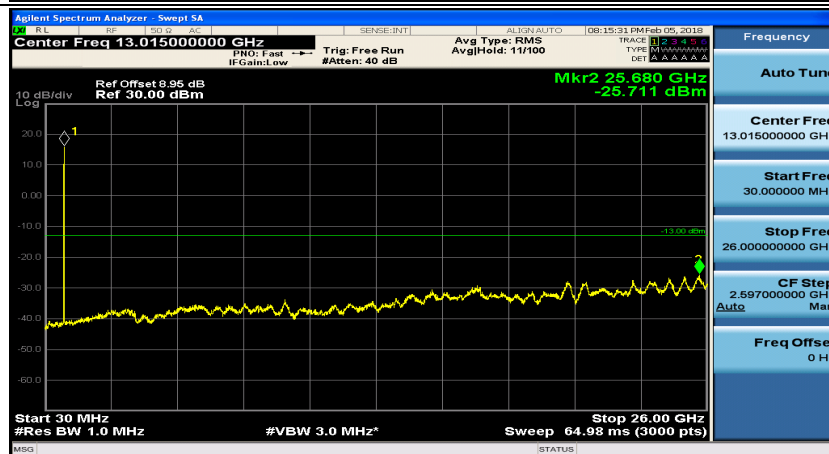
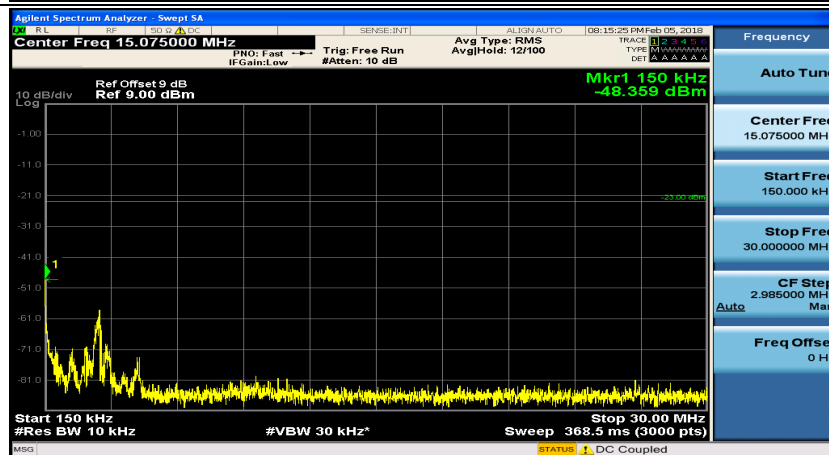
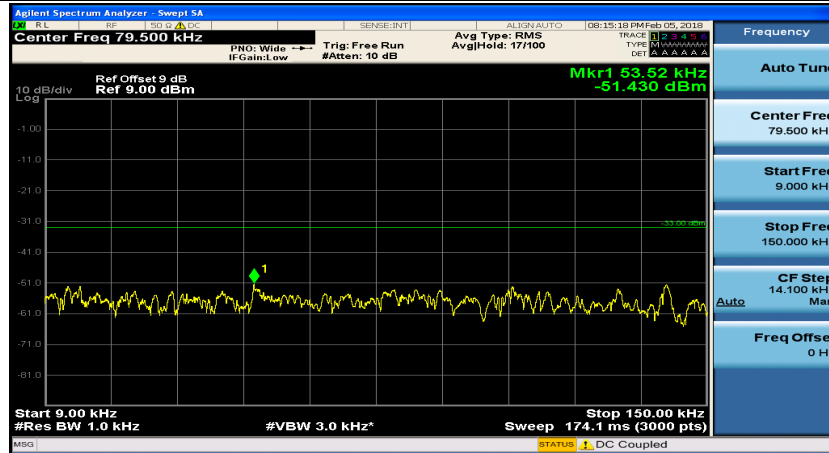


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

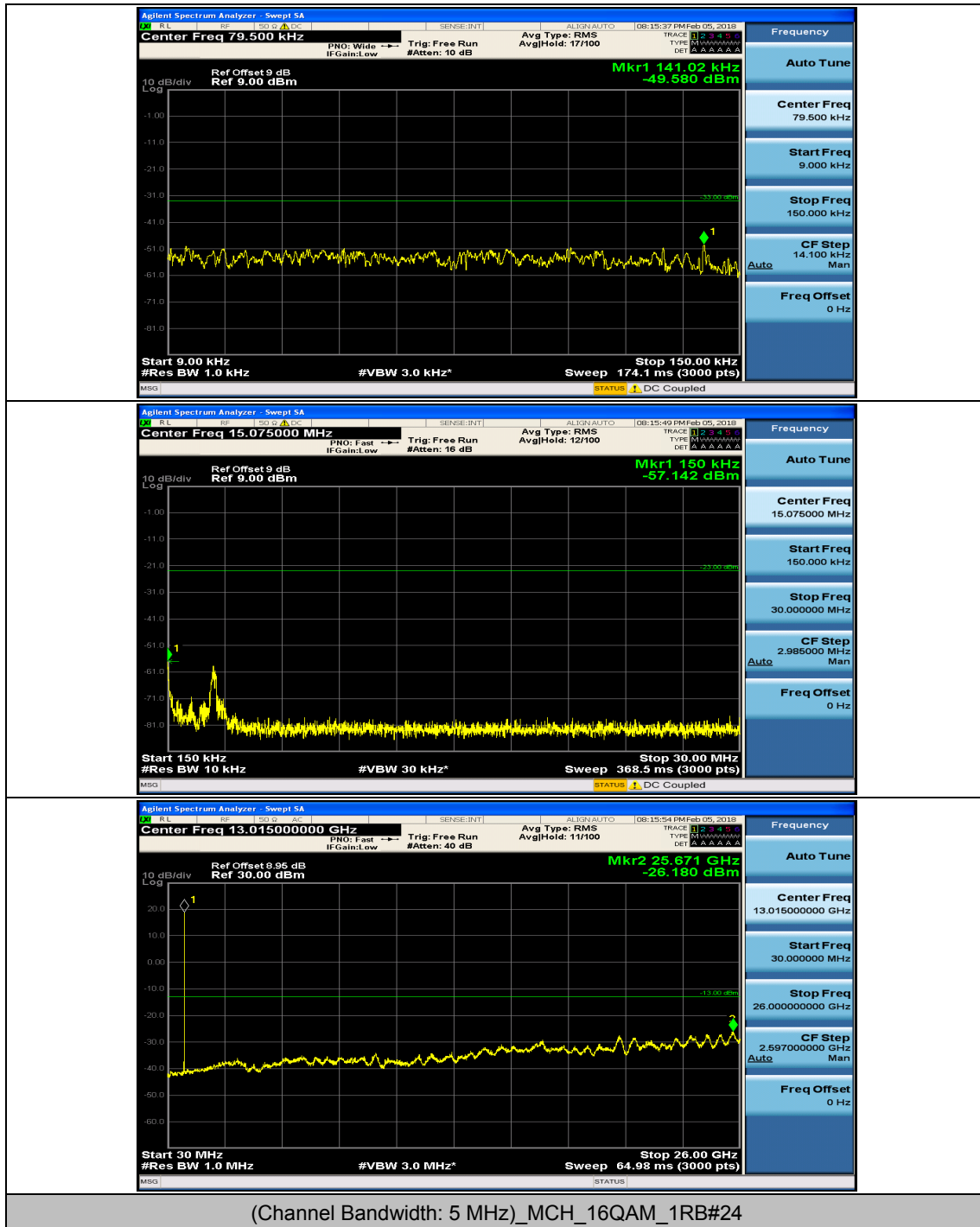


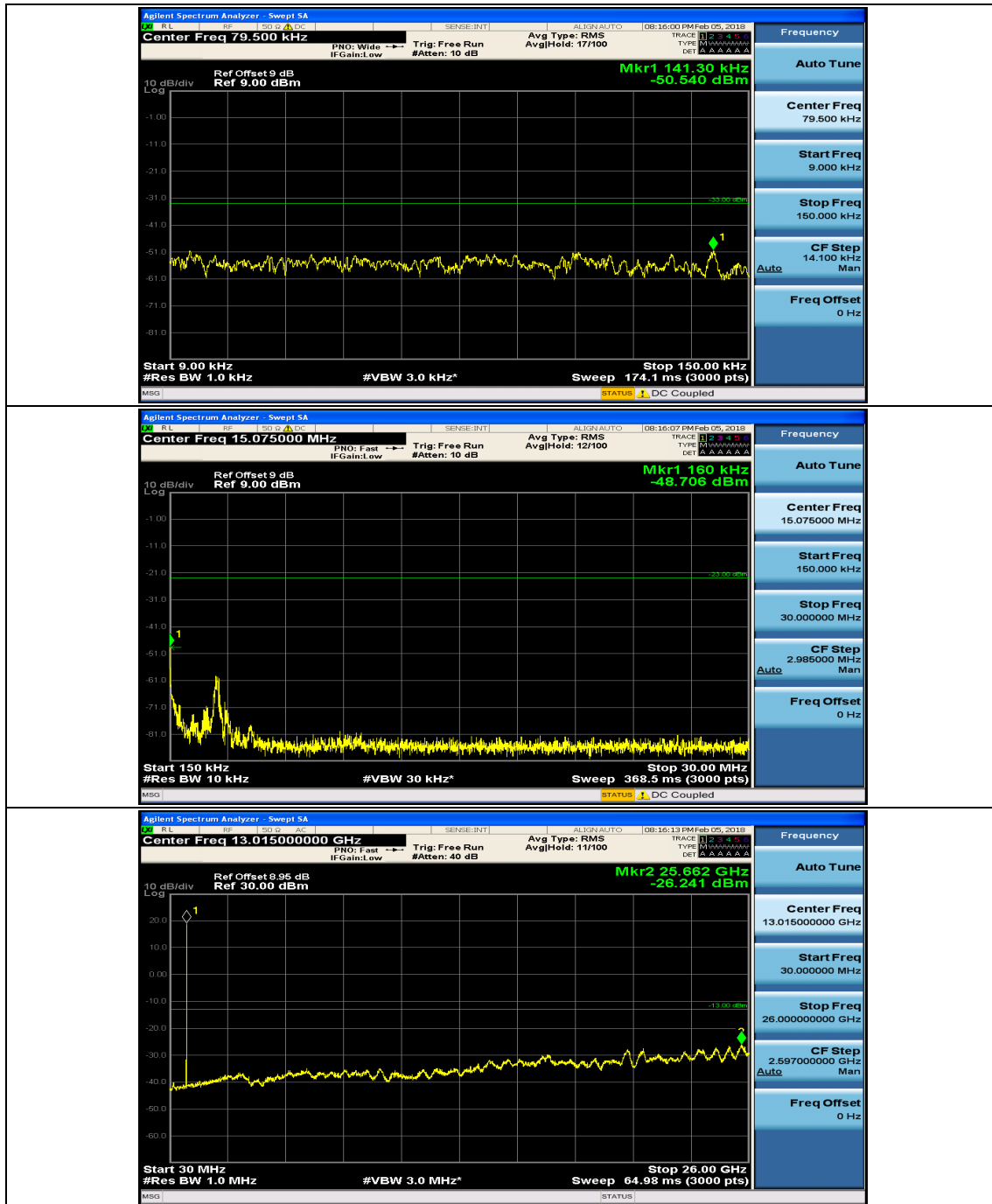


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

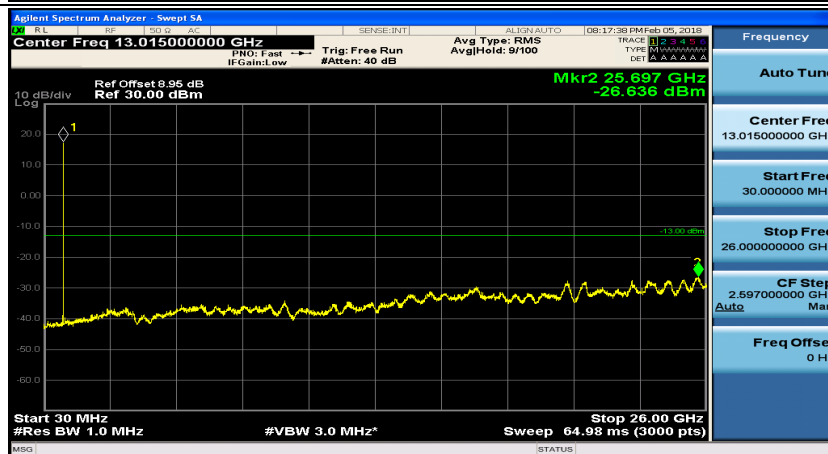
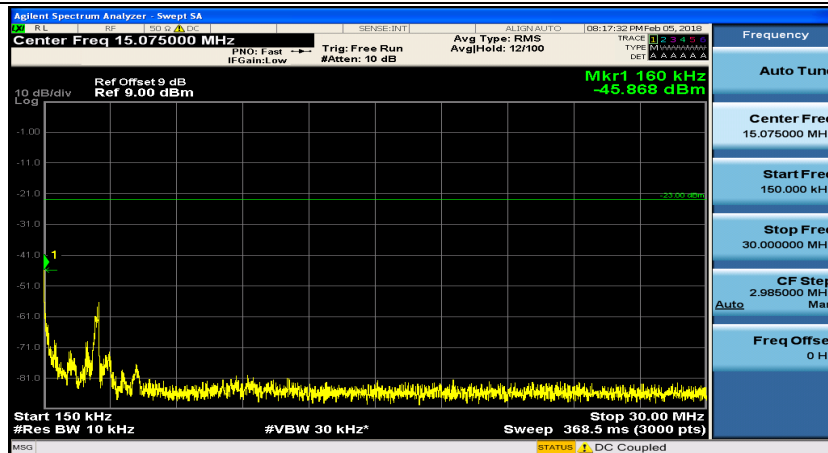
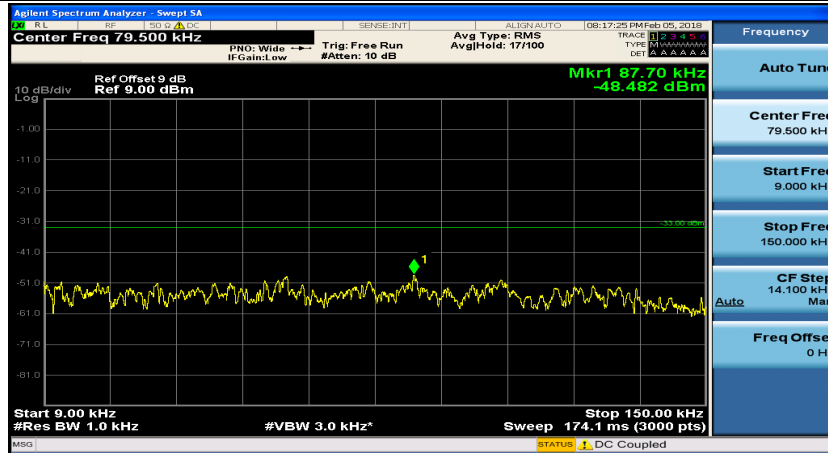


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

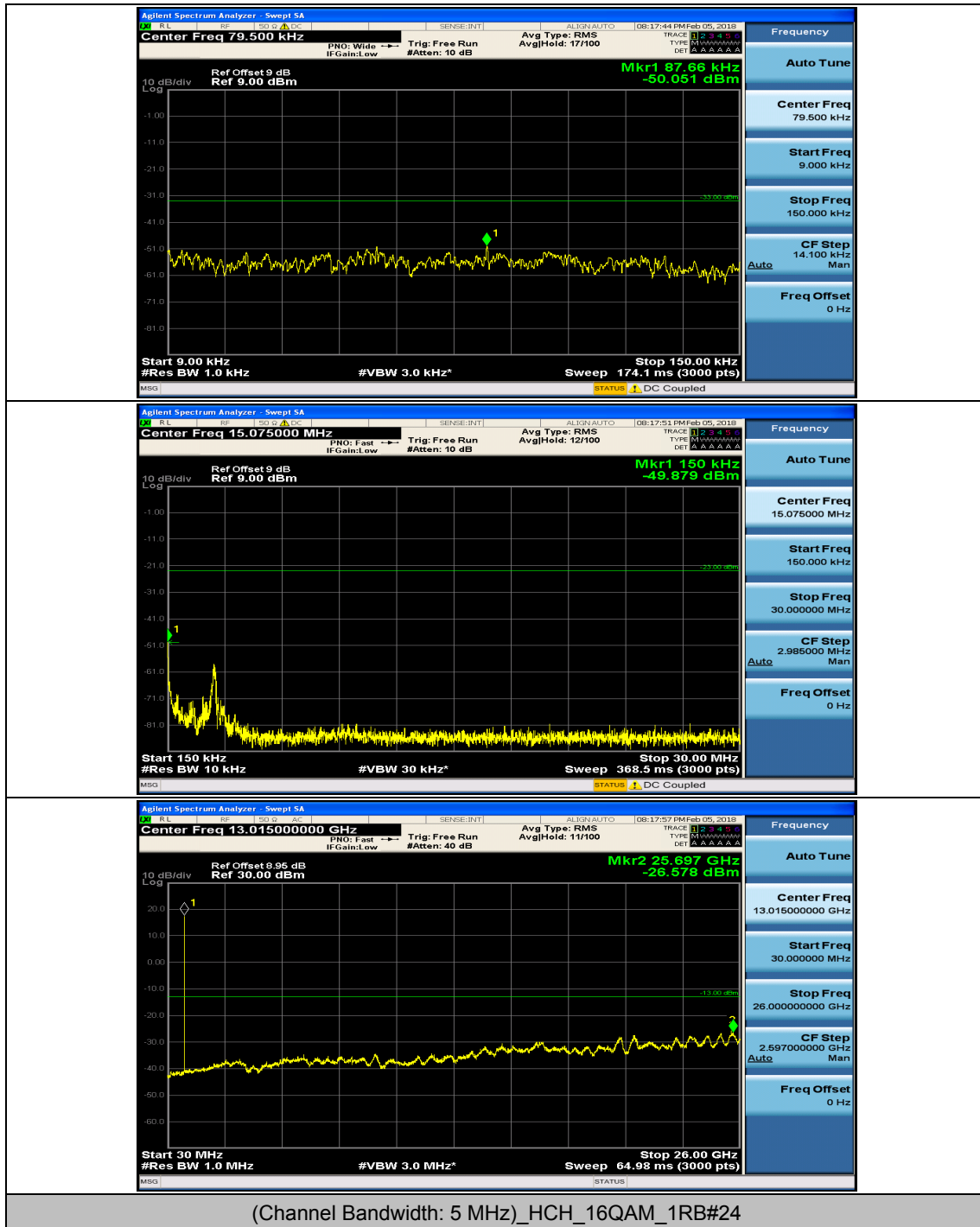


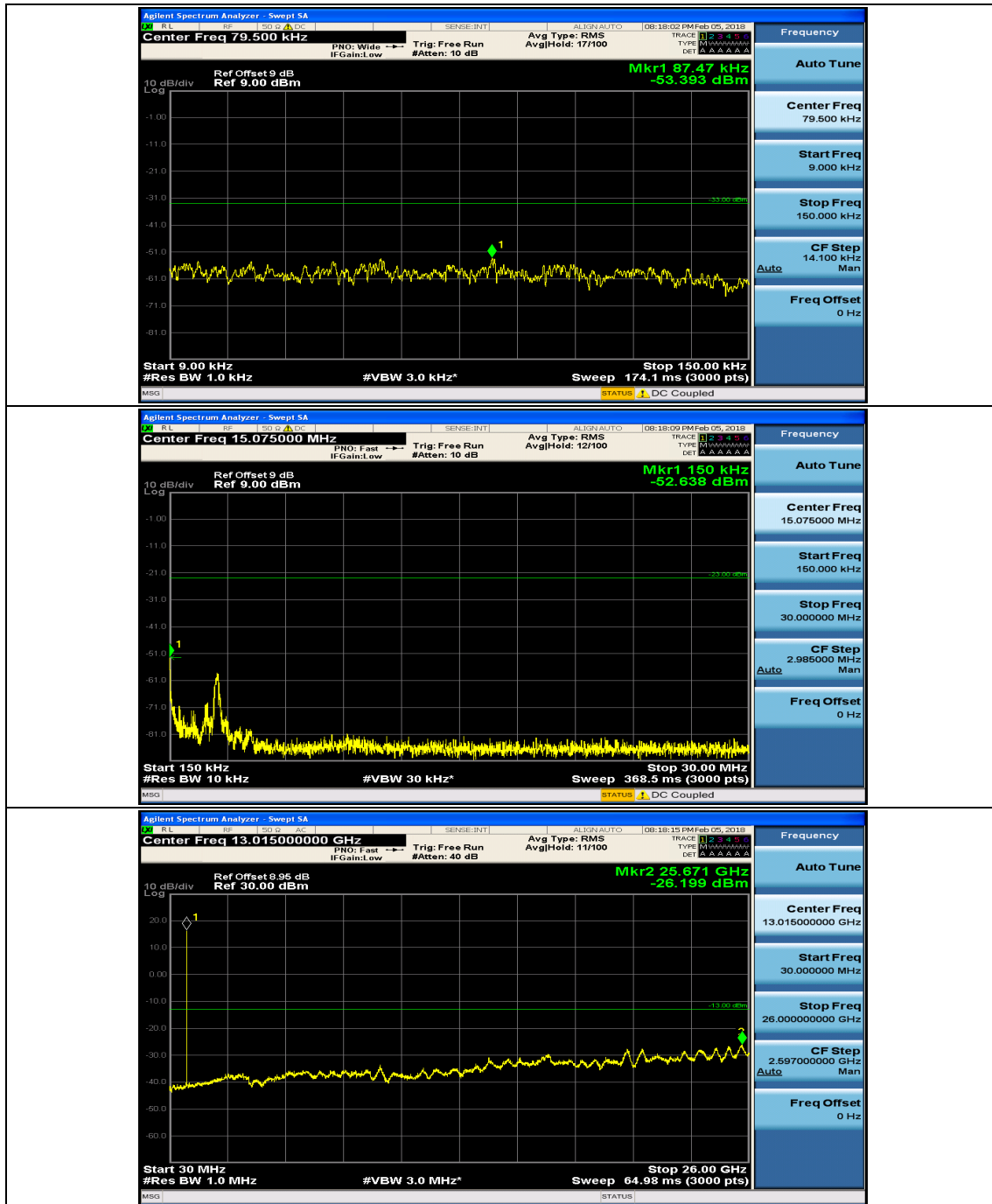


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

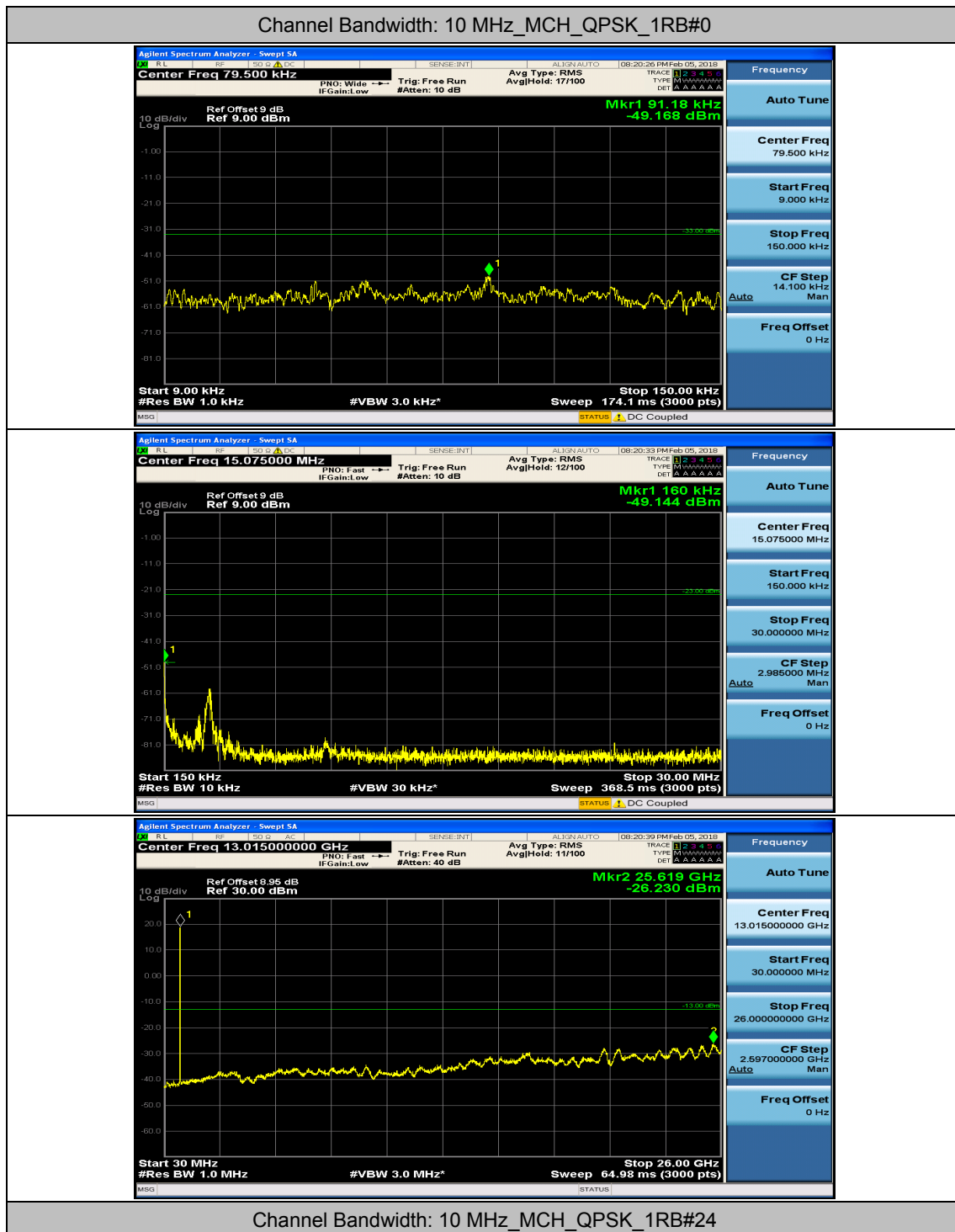


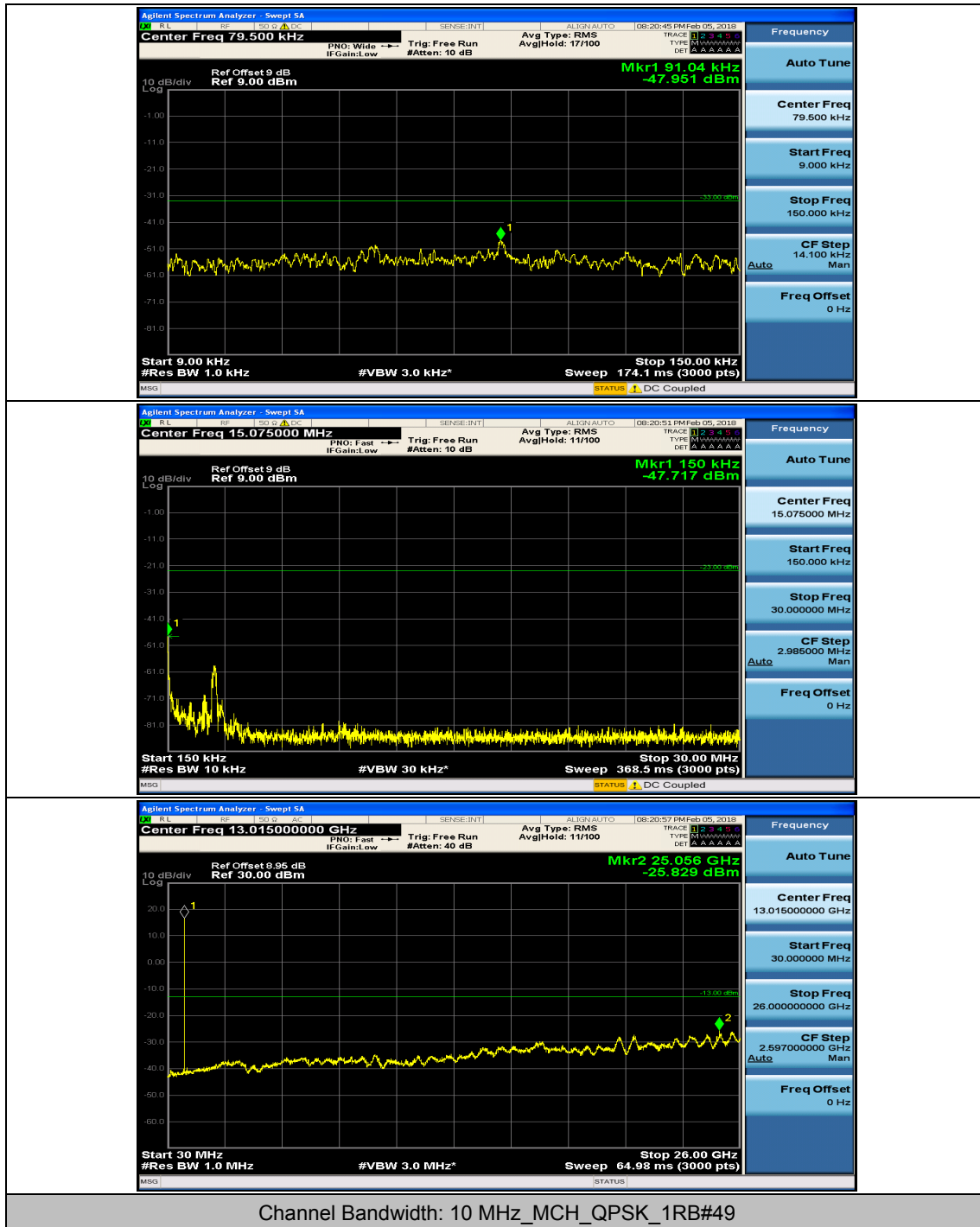
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

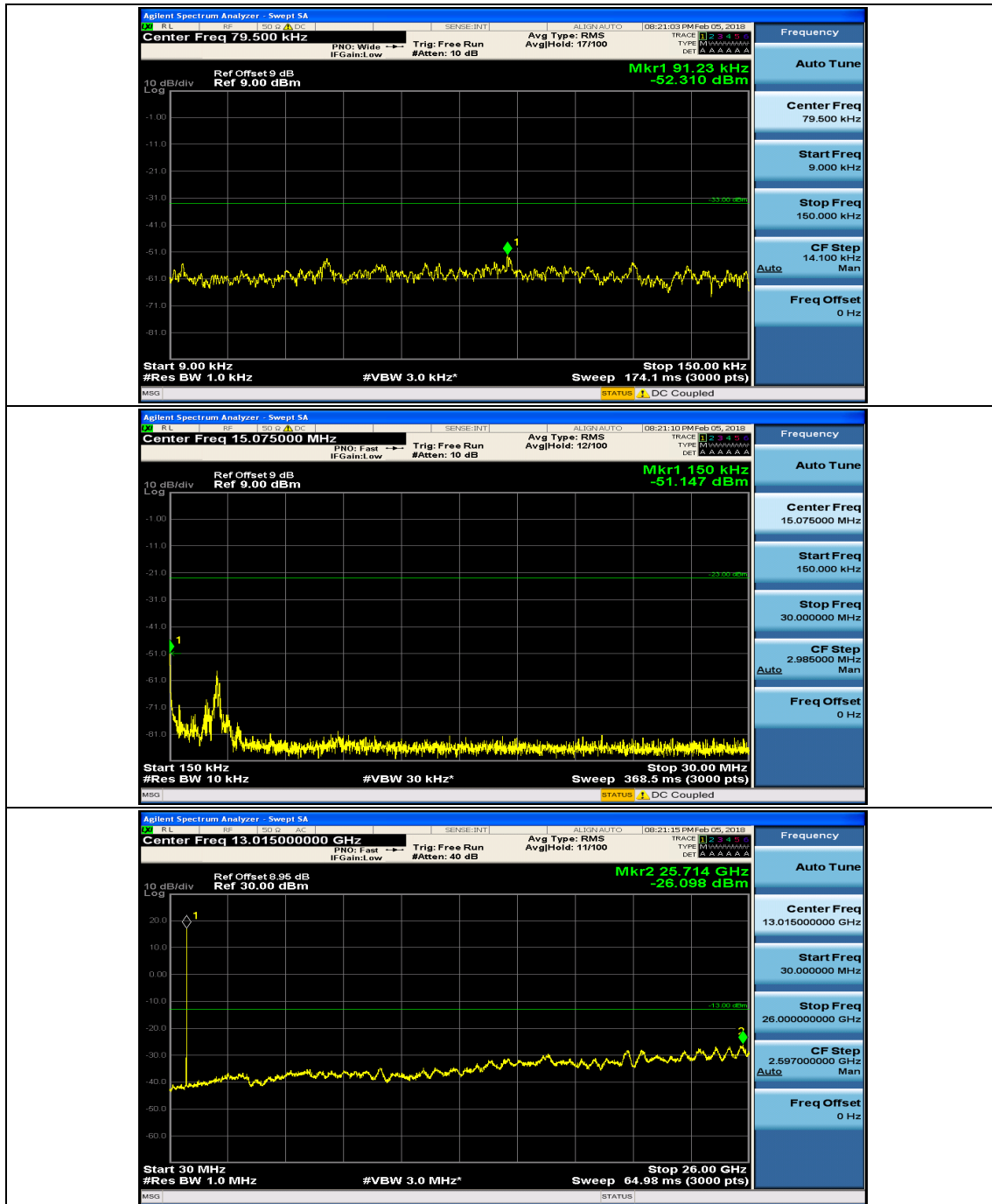




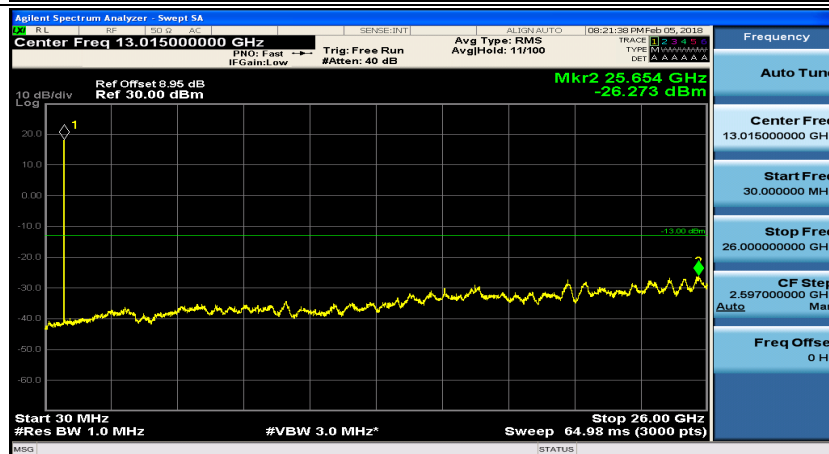
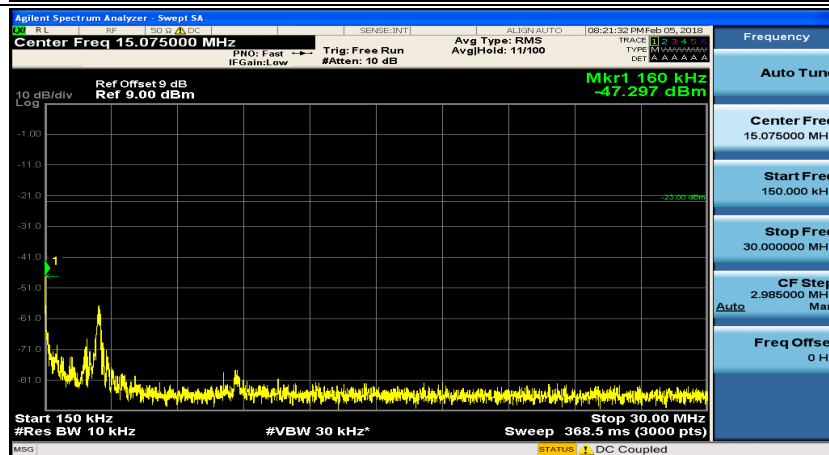
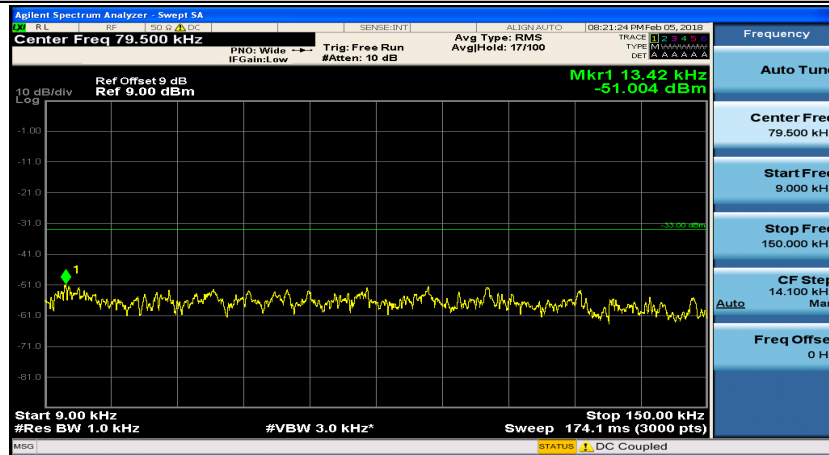
Channel Bandwidth: 10 MHz



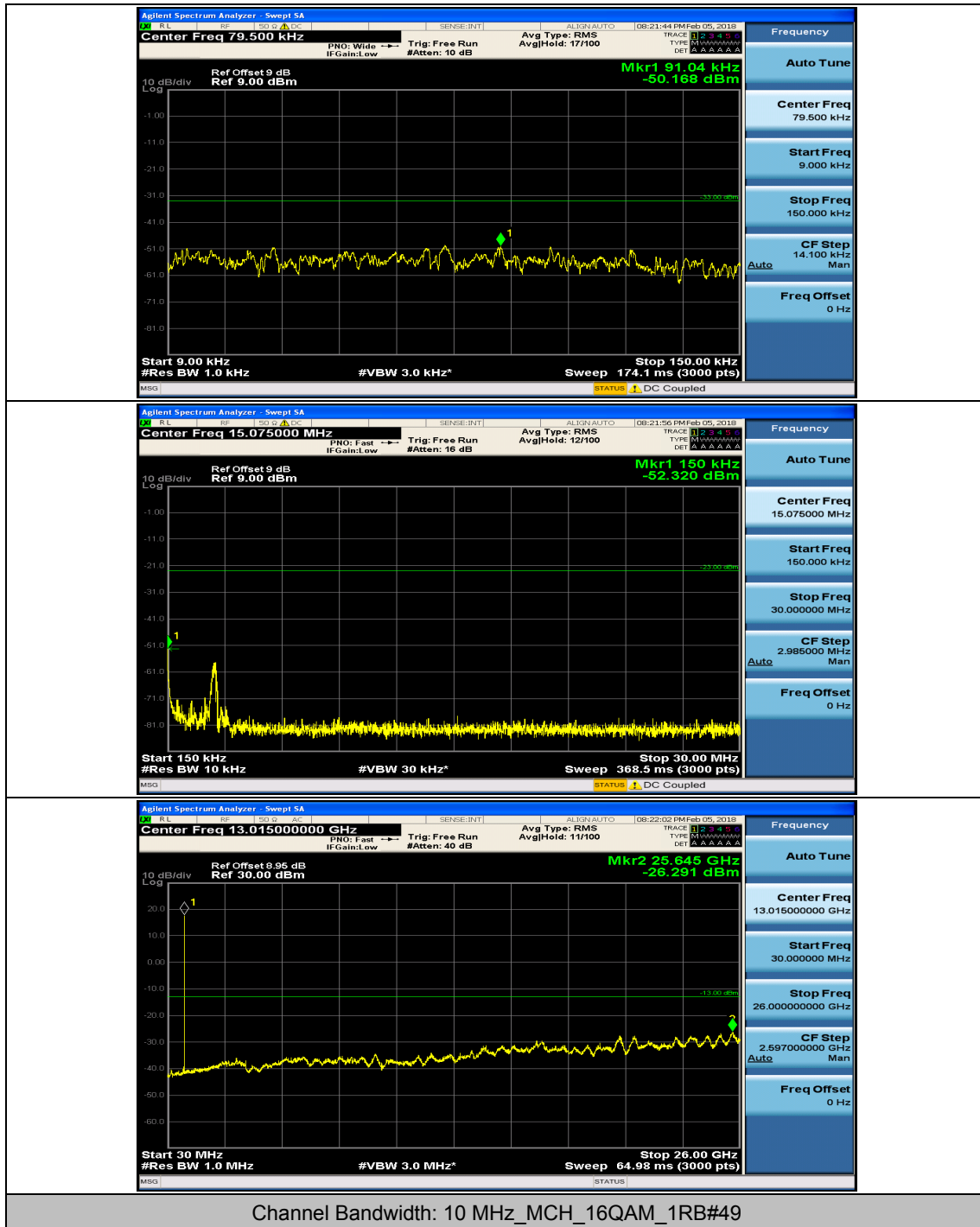


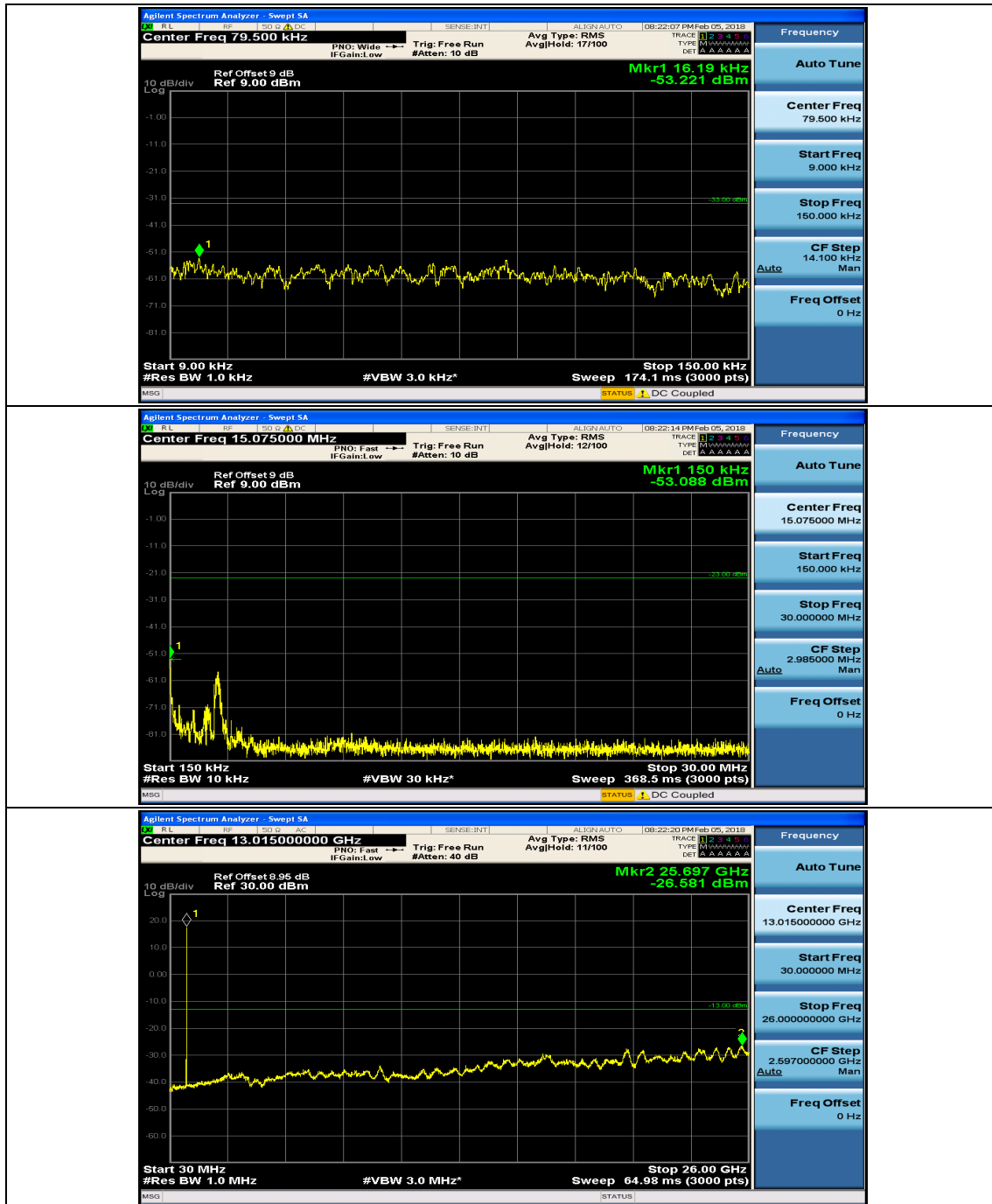


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24





Appendix F: Frequency Stability

Test Result

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	3.58	0.004593	± 2.5	PASS
		VN	TN	2.28	0.002925	± 2.5	PASS
		VH	TN	3.4	0.004362	± 2.5	PASS
	MCH	VL	TN	3.88	0.004962	± 2.5	PASS
		VN	TN	-0.7	-0.000895	± 2.5	PASS
		VH	TN	0.42	0.000537	± 2.5	PASS
	HCH	VL	TN	-0.41	-0.000523	± 2.5	PASS
		VN	TN	1.33	0.001695	± 2.5	PASS
		VH	TN	-0.66	-0.000841	± 2.5	PASS
16QAM	LCH	VL	TN	3.04	0.003900	± 2.5	PASS
		VN	TN	-1.59	-0.002040	± 2.5	PASS
		VH	TN	3.38	0.004336	± 2.5	PASS
	MCH	VL	TN	4.89	0.006253	± 2.5	PASS
		VN	TN	-0.33	-0.000422	± 2.5	PASS
		VH	TN	-1.25	-0.001598	± 2.5	PASS
	HCH	VL	TN	0.44	0.000561	± 2.5	PASS
		VN	TN	3.48	0.004436	± 2.5	PASS
		VH	TN	2.5	0.003187	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.31	-0.001681	± 2.5	PASS
		VN	-20	4.14	0.005311	± 2.5	PASS
		VN	-10	-1.17	-0.001501	± 2.5	PASS
		VN	0	2.88	0.003695	± 2.5	PASS
		VN	10	-0.08	-0.000103	± 2.5	PASS
		VN	20	0.07	0.000090	± 2.5	PASS
		VN	30	-1.61	-0.002065	± 2.5	PASS
		VN	40	0.42	0.000539	± 2.5	PASS
		VN	50	1.22	0.001565	± 2.5	PASS
	MCH	VN	-30	1.46	0.001867	± 2.5	PASS
		VN	-20	-0.78	-0.000997	± 2.5	PASS

		VN	-10	2.82	0.003606	± 2.5	PASS
		VN	0	-1.55	-0.001982	± 2.5	PASS
		VN	10	4.06	0.005192	± 2.5	PASS
		VN	20	1.51	0.001931	± 2.5	PASS
		VN	30	0.17	0.000217	± 2.5	PASS
		VN	40	3.78	0.004834	± 2.5	PASS
		VN	50	3.08	0.003939	± 2.5	PASS
	HCH	VN	-30	1.86	0.002371	± 2.5	PASS
		VN	-20	0.04	0.000051	± 2.5	PASS
		VN	-10	-0.43	-0.000548	± 2.5	PASS
		VN	0	0.47	0.000599	± 2.5	PASS
		VN	10	2.29	0.002919	± 2.5	PASS
		VN	20	4.87	0.006208	± 2.5	PASS
		VN	30	-1.63	-0.002078	± 2.5	PASS
		VN	40	1.54	0.001963	± 2.5	PASS
		VN	50	2.64	0.003365	± 2.5	PASS
16QAM	LCH	VN	-30	-0.22	-0.000282	± 2.5	PASS
		VN	-20	-0.26	-0.000334	± 2.5	PASS
		VN	-10	1.58	0.002027	± 2.5	PASS
		VN	0	-0.41	-0.000526	± 2.5	PASS
		VN	10	4.74	0.006081	± 2.5	PASS
		VN	20	0.92	0.001180	± 2.5	PASS
		VN	30	-0.2	-0.000257	± 2.5	PASS
		VN	40	4	0.005131	± 2.5	PASS
		VN	50	4.81	0.006171	± 2.5	PASS
	MCH	VN	-30	4.83	0.006176	± 2.5	PASS
		VN	-20	0.35	0.000448	± 2.5	PASS
		VN	-10	4.31	0.005512	± 2.5	PASS
		VN	0	0.31	0.000396	± 2.5	PASS
		VN	10	3.26	0.004169	± 2.5	PASS
		VN	20	-1	-0.001279	± 2.5	PASS
		VN	30	1.34	0.001714	± 2.5	PASS
		VN	40	3.51	0.004488	± 2.5	PASS
		VN	50	0.83	0.001061	± 2.5	PASS
	HCH	VN	-30	4.06	0.005175	± 2.5	PASS
		VN	-20	0.91	0.001160	± 2.5	PASS
		VN	-10	-0.18	-0.000229	± 2.5	PASS
		VN	0	-1.86	-0.002371	± 2.5	PASS
		VN	10	3.48	0.004436	± 2.5	PASS
		VN	20	-0.54	-0.000688	± 2.5	PASS
		VN	30	-0.11	-0.000140	± 2.5	PASS

		VN	40	4.73	0.006029	± 2.5	PASS
		VN	50	3.92	0.004997	± 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	MCH	VL	TN	0.81	0.001036	± 2.5	PASS
		VN	TN	1.98	0.002532	± 2.5	PASS
		VH	TN	3.84	0.004910	± 2.5	PASS
16QAM	MCH	VL	TN	-0.99	-0.001266	± 2.5	PASS
		VN	TN	-1.61	-0.002059	± 2.5	PASS
		VH	TN	2.58	0.003299	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	MCH	VN	-30	3.6	0.004604	± 2.5	PASS
		VN	-20	0.32	0.000409	± 2.5	PASS
		VN	-10	-1.05	-0.001343	± 2.5	PASS
		VN	0	1.78	0.002276	± 2.5	PASS
		VN	10	3.67	0.004693	± 2.5	PASS
		VN	20	-1.03	-0.001317	± 2.5	PASS
		VN	30	-0.03	-0.000038	± 2.5	PASS
		VN	40	3.28	0.004194	± 2.5	PASS
		VN	50	-1.88	-0.002404	± 2.5	PASS
QPSK	MCH	VN	-30	4.53	0.005793	± 2.5	PASS
		VN	-20	-1.37	-0.001752	± 2.5	PASS
		VN	-10	1.81	0.002315	± 2.5	PASS
		VN	0	1.21	0.001547	± 2.5	PASS
		VN	10	-1.83	-0.002340	± 2.5	PASS
		VN	20	4.14	0.005294	± 2.5	PASS
		VN	30	2.23	0.002852	± 2.5	PASS
		VN	40	1.26	0.001611	± 2.5	PASS
		VN	50	2.26	0.002890	± 2.5	PASS