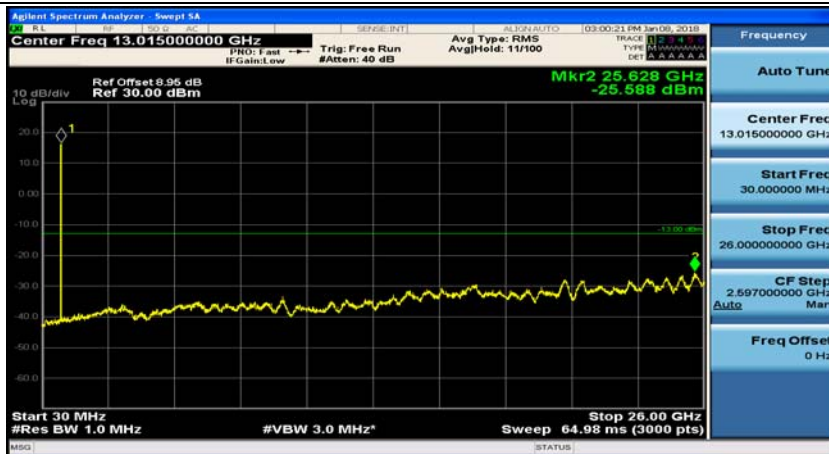
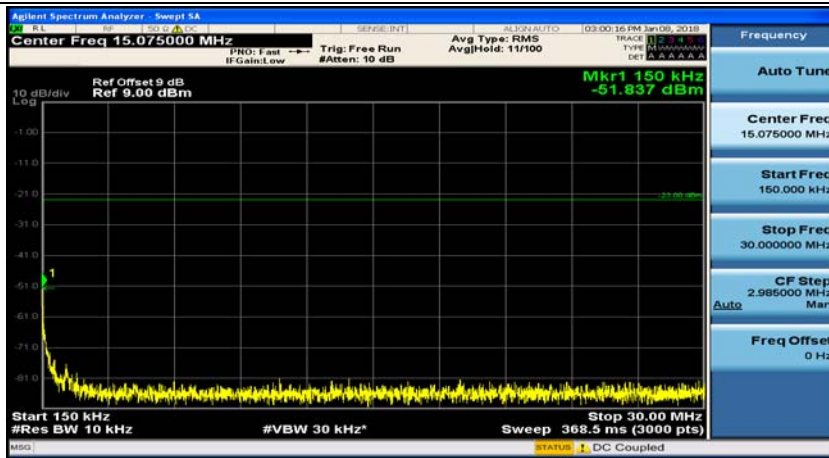
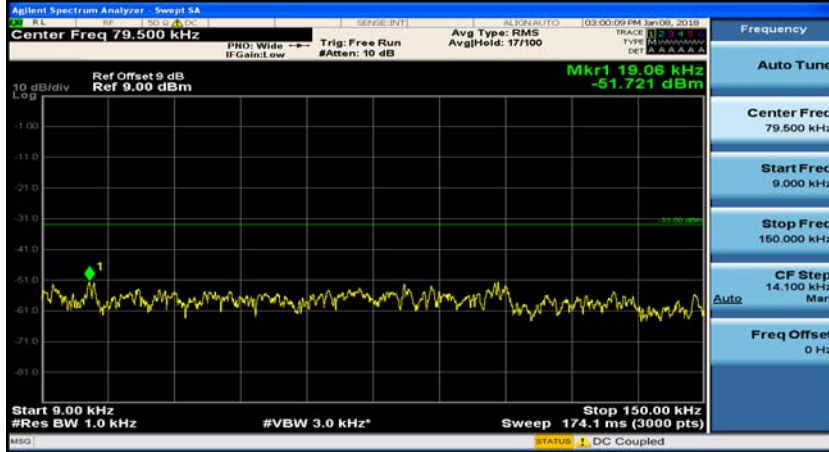
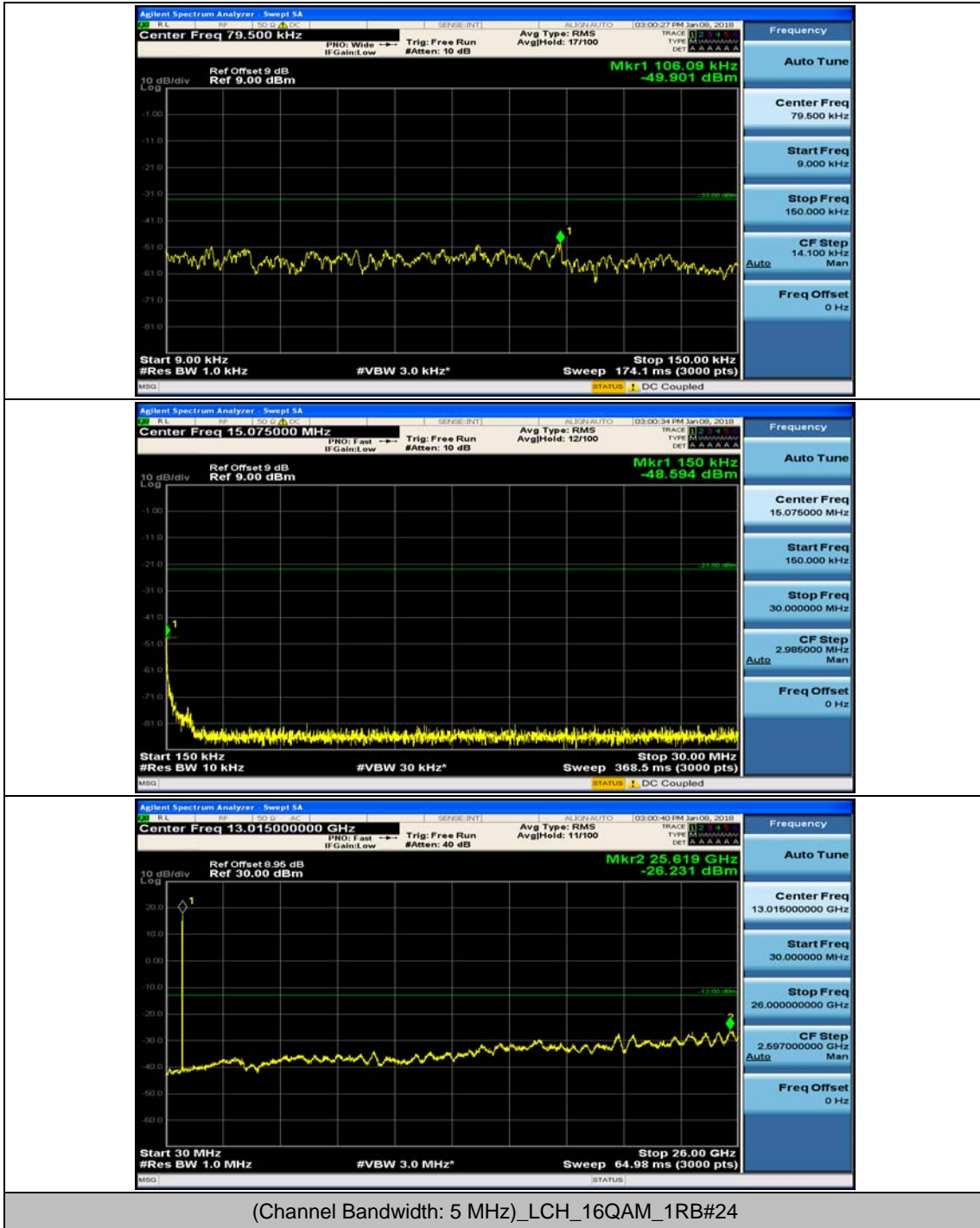
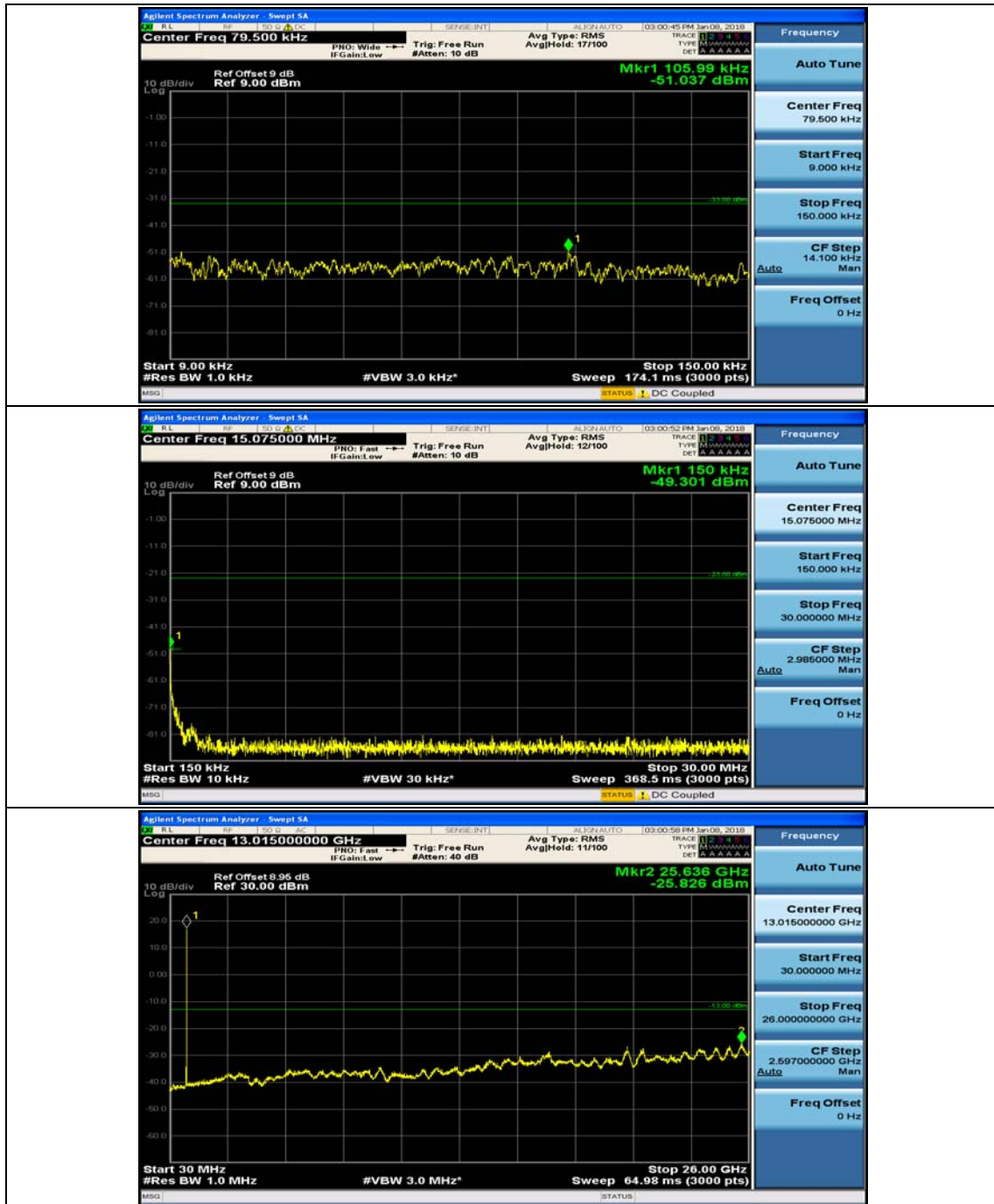


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

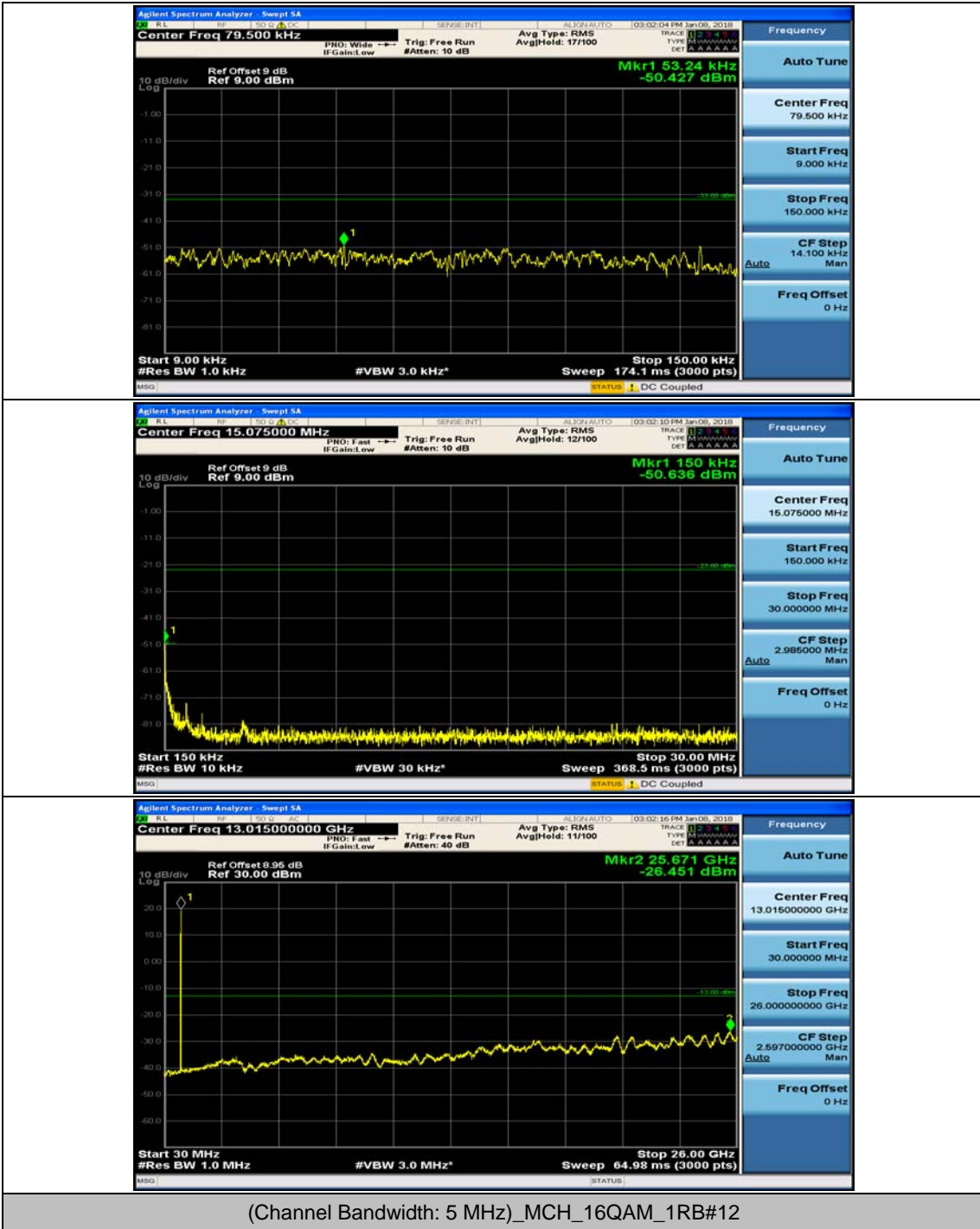


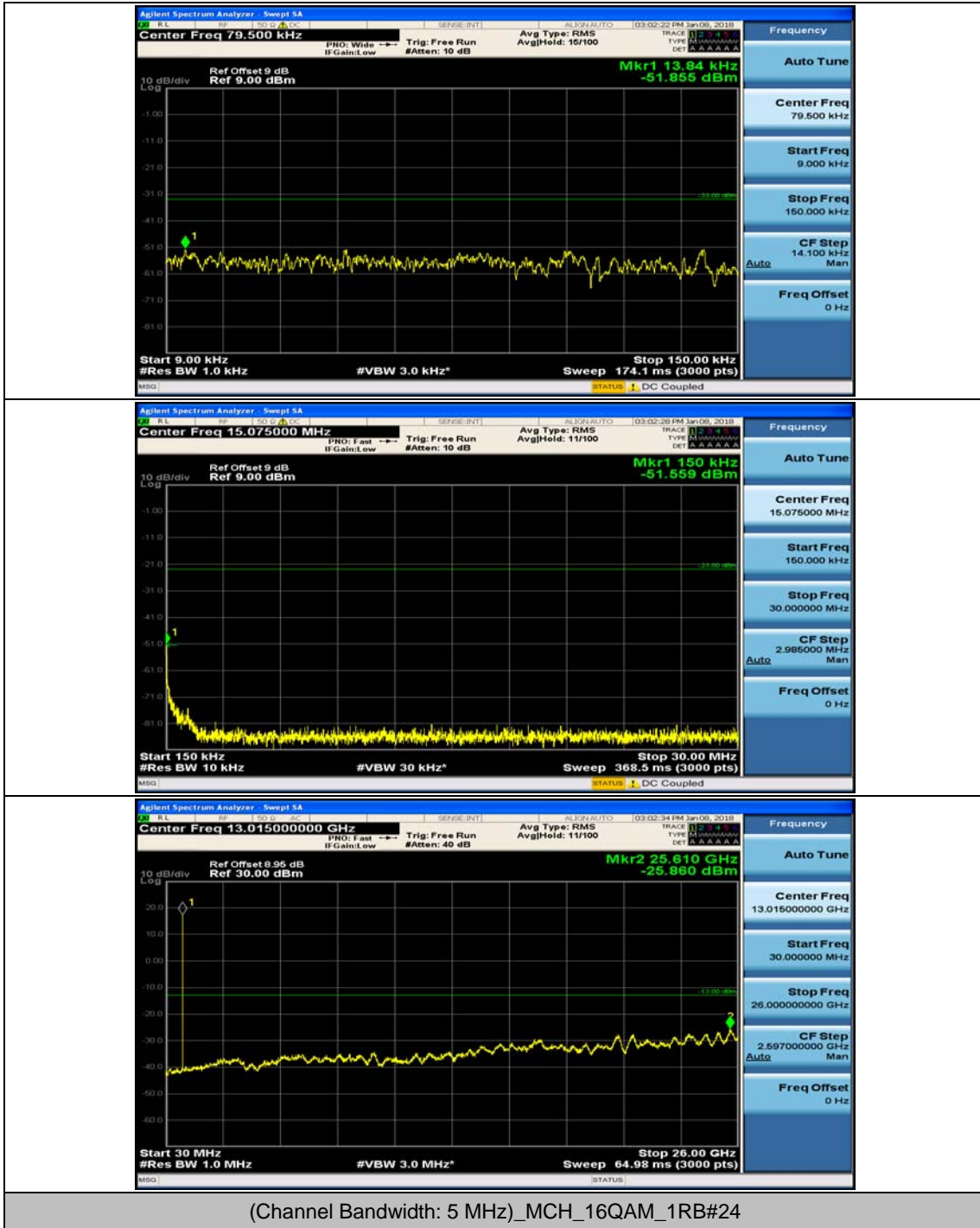
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

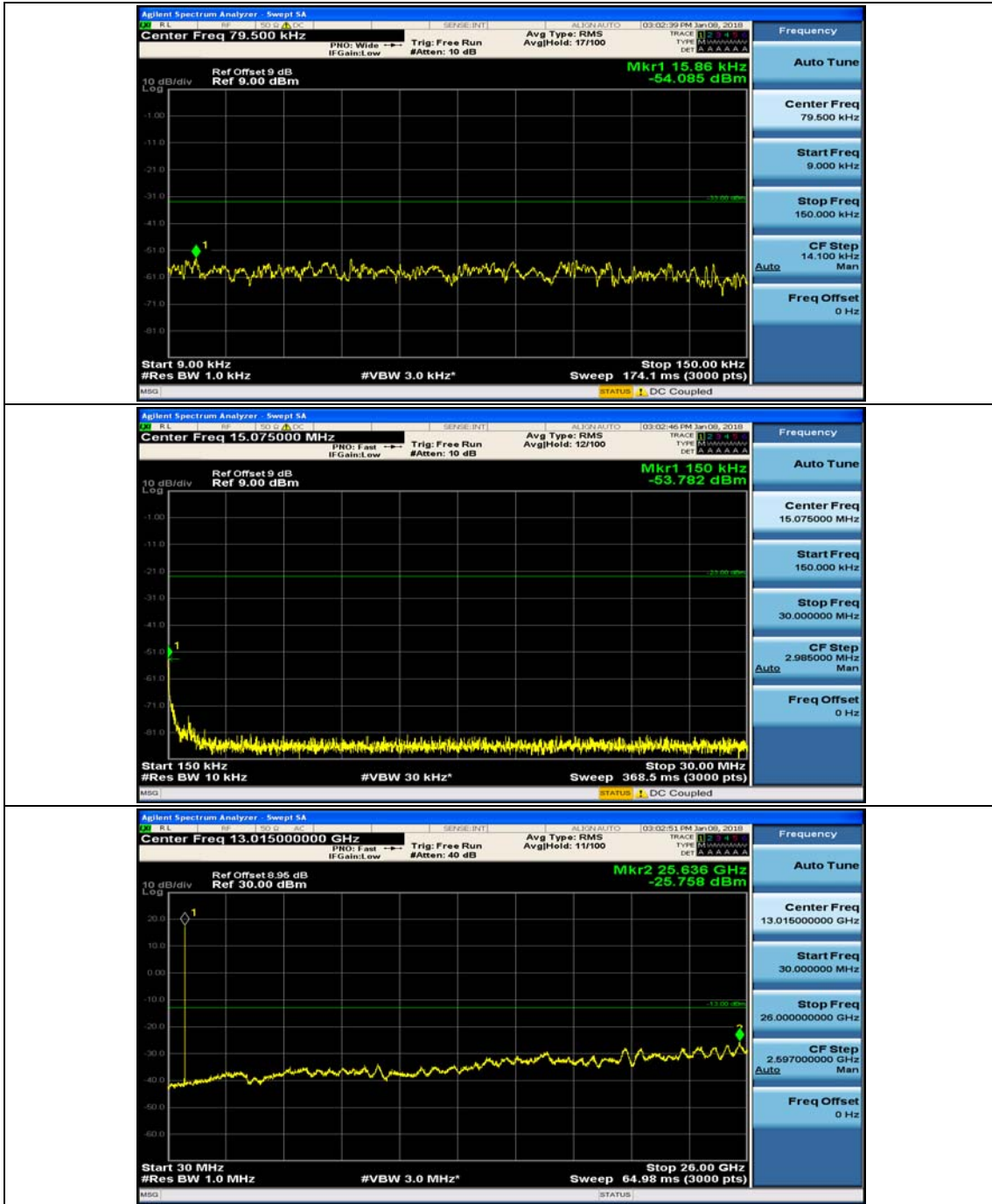




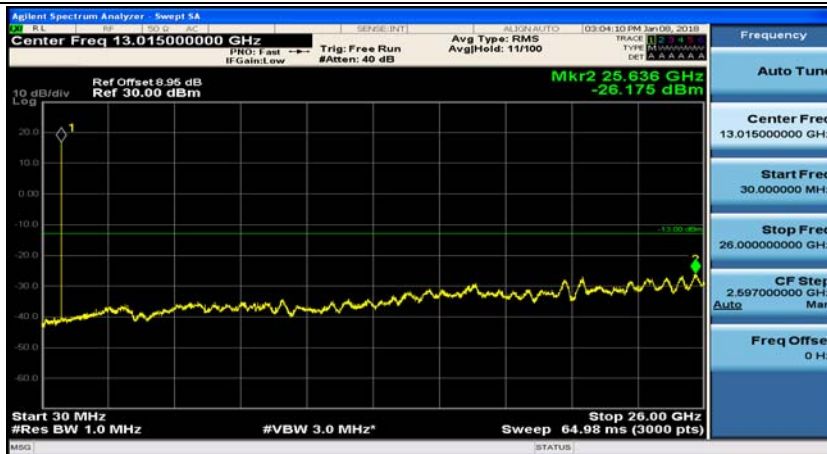
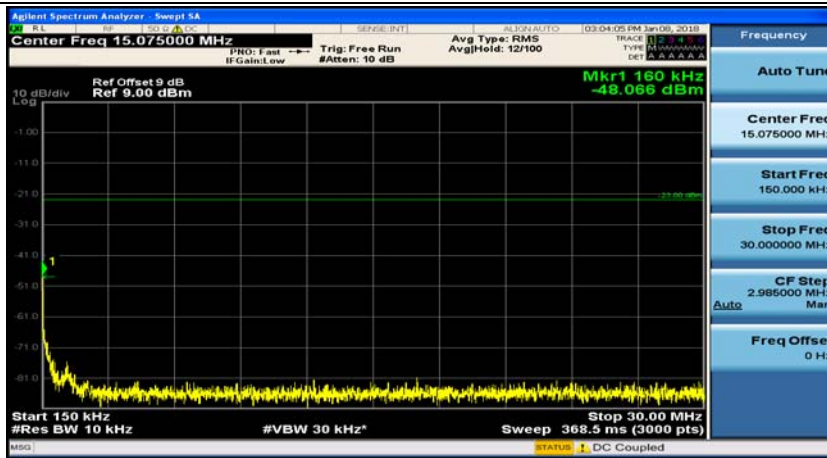
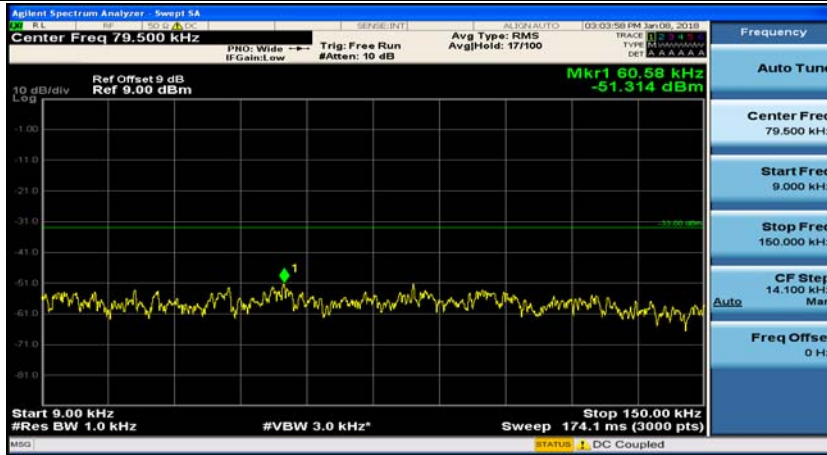
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



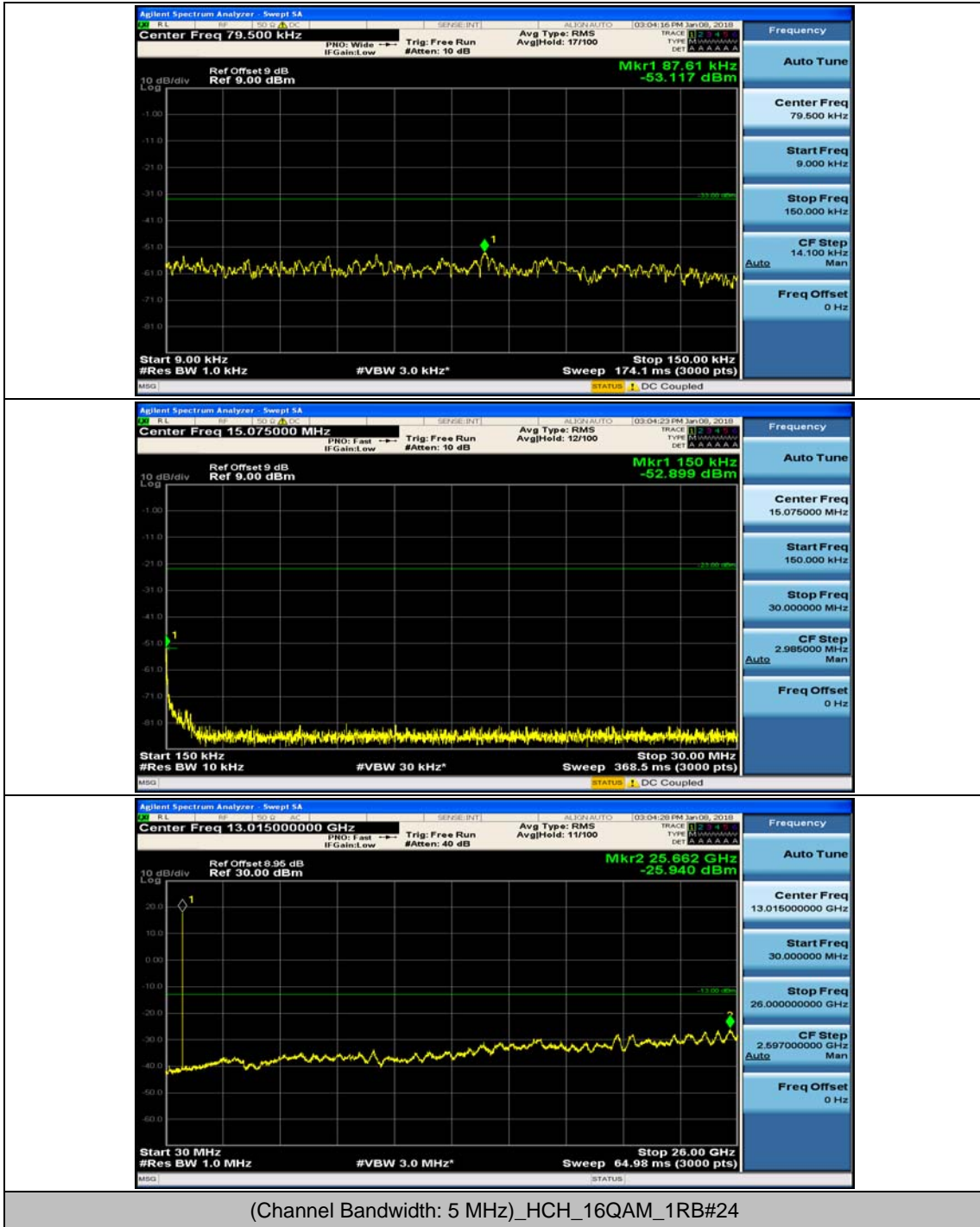


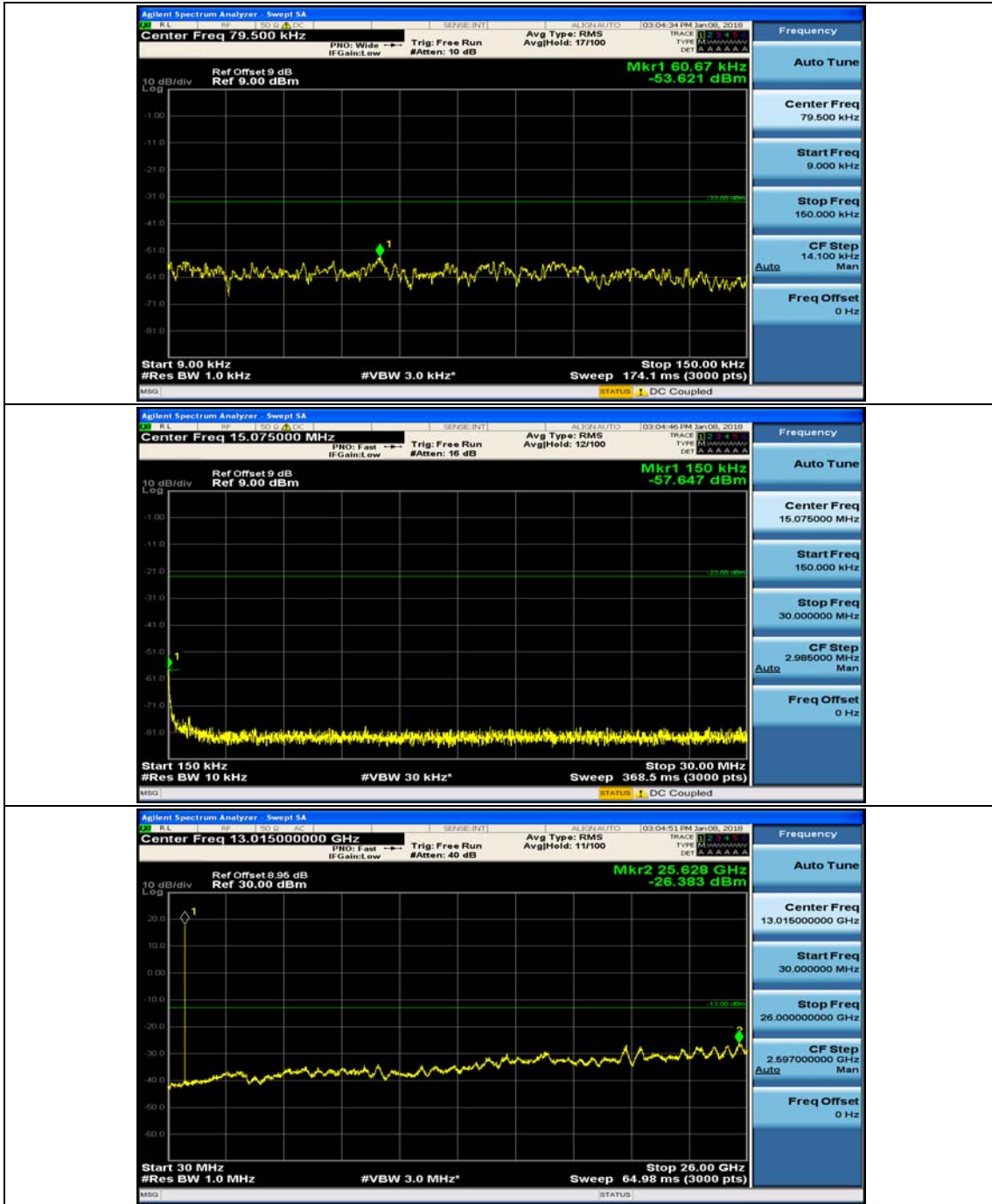


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

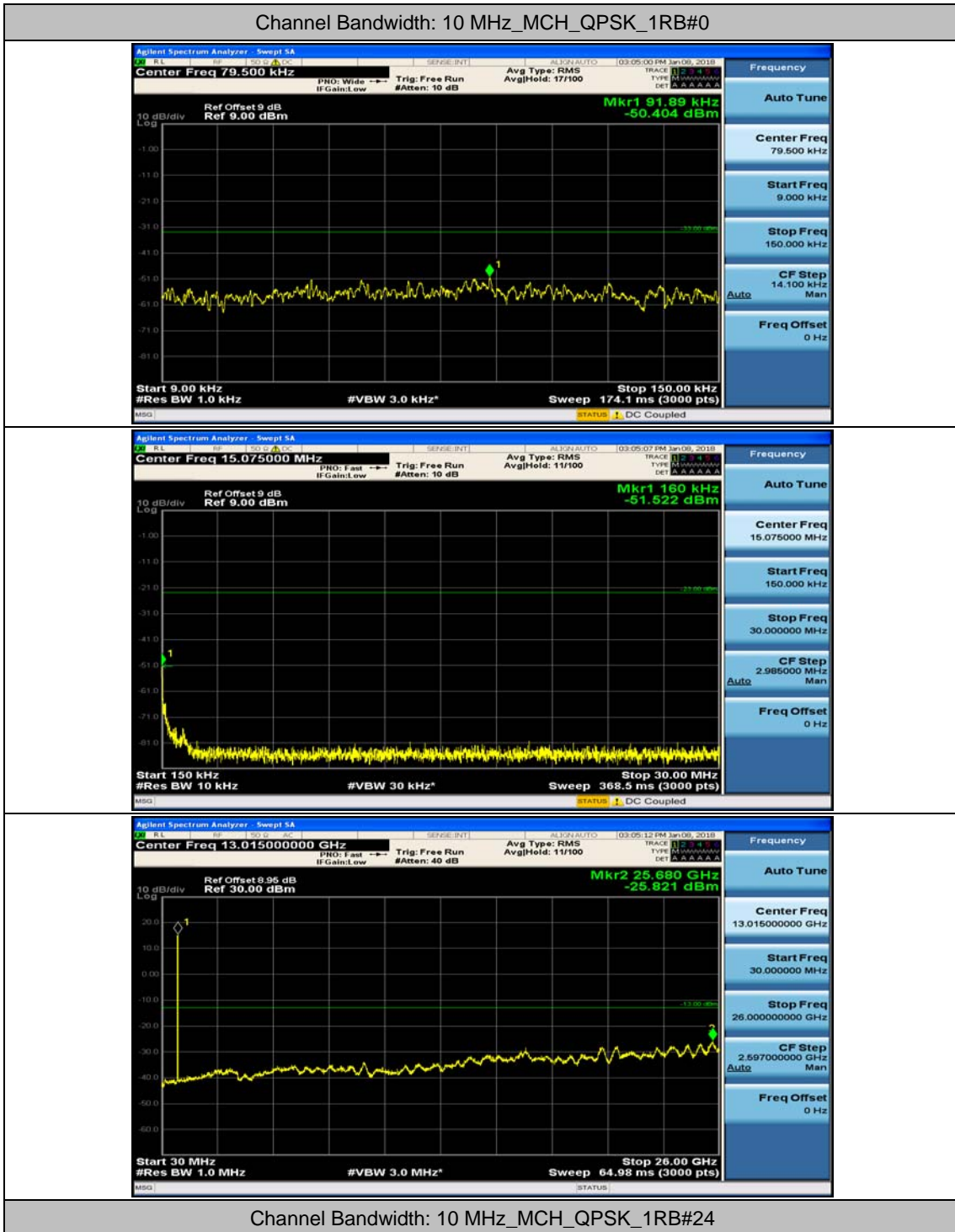


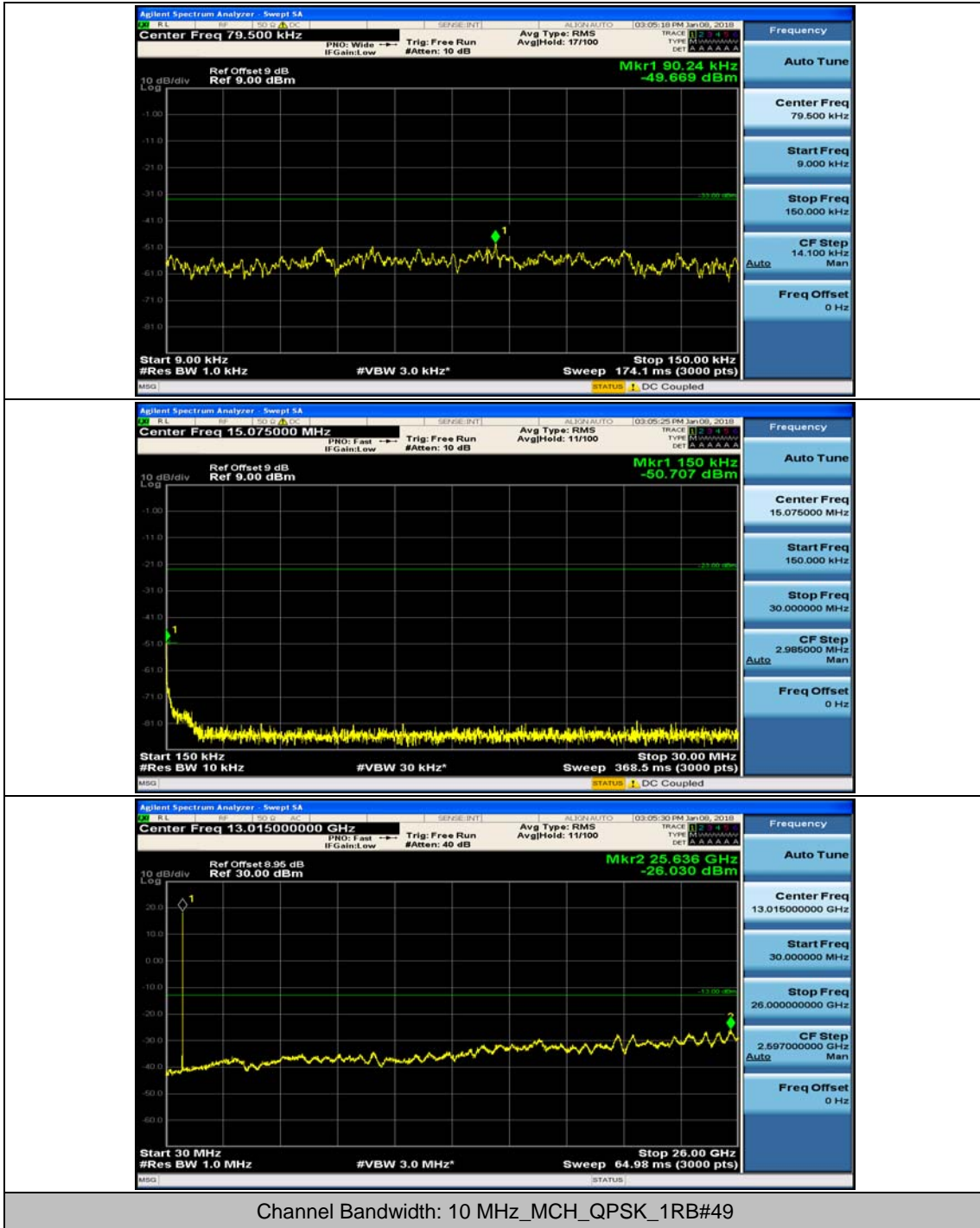
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

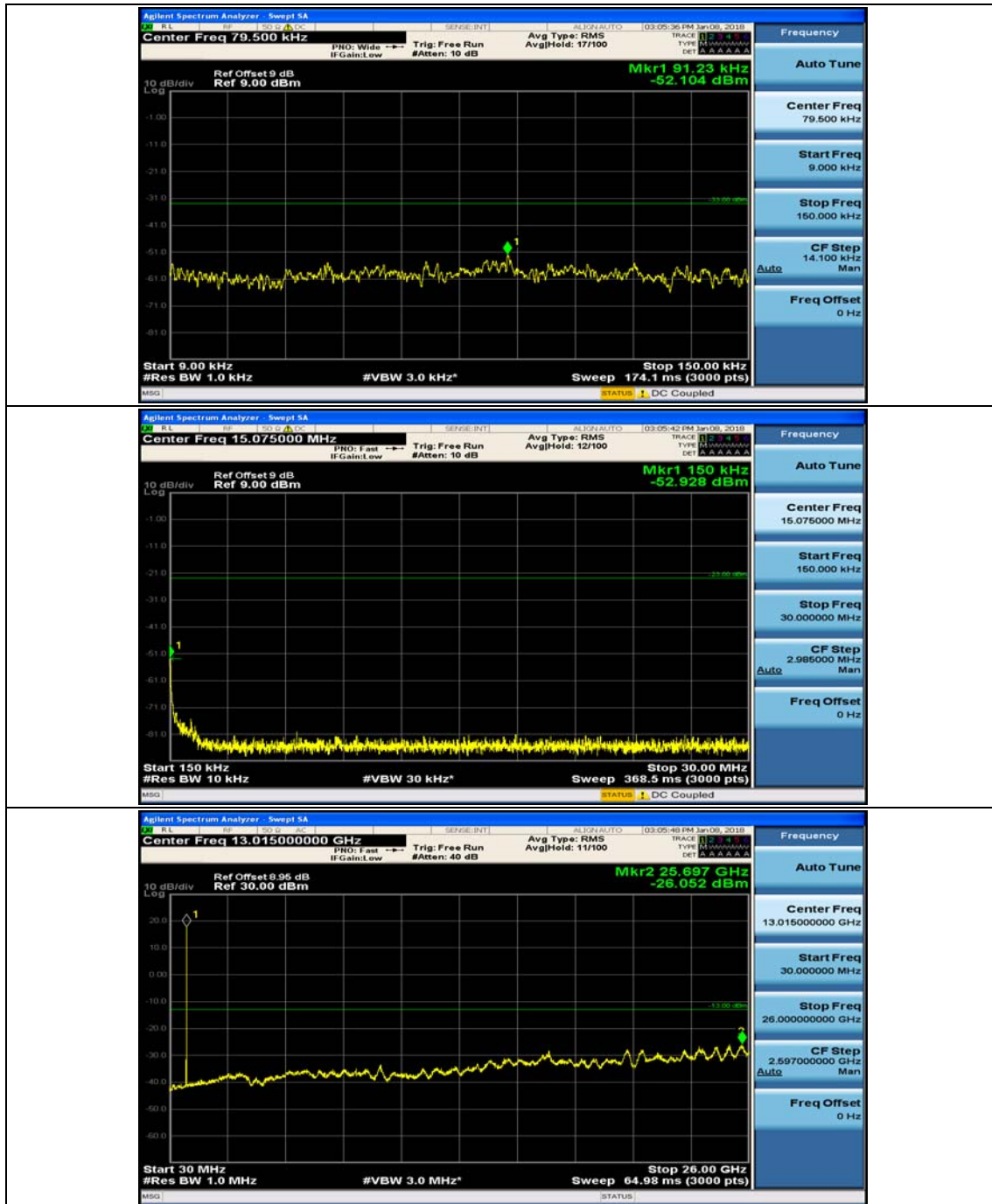




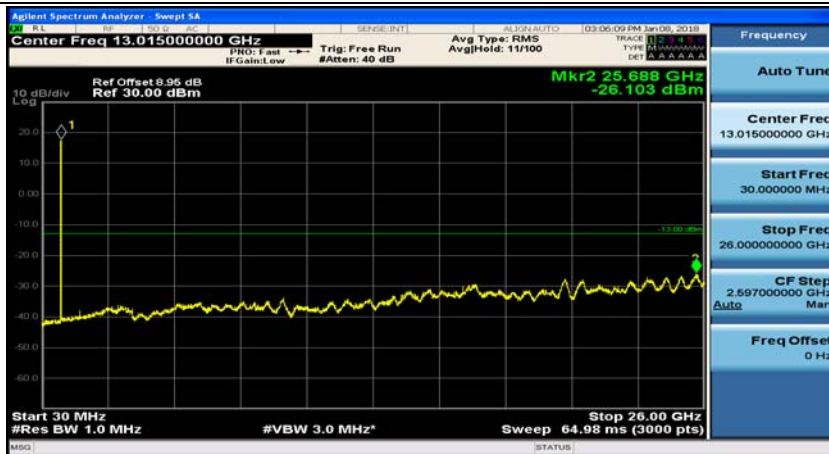
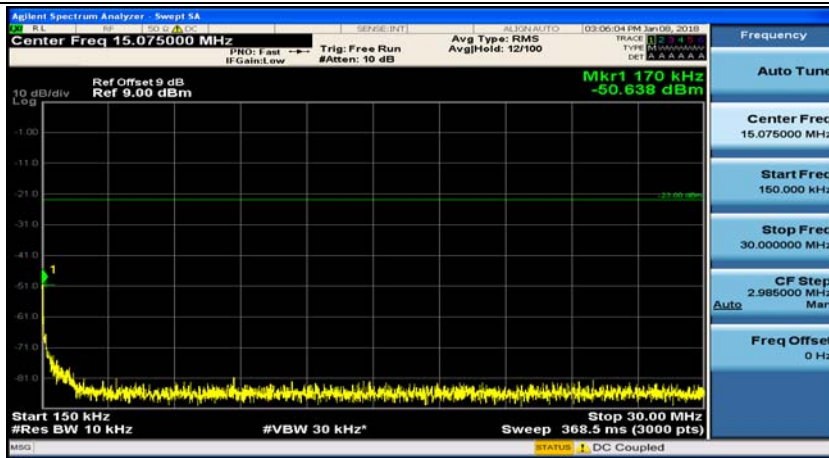
Channel Bandwidth: 10 MHz



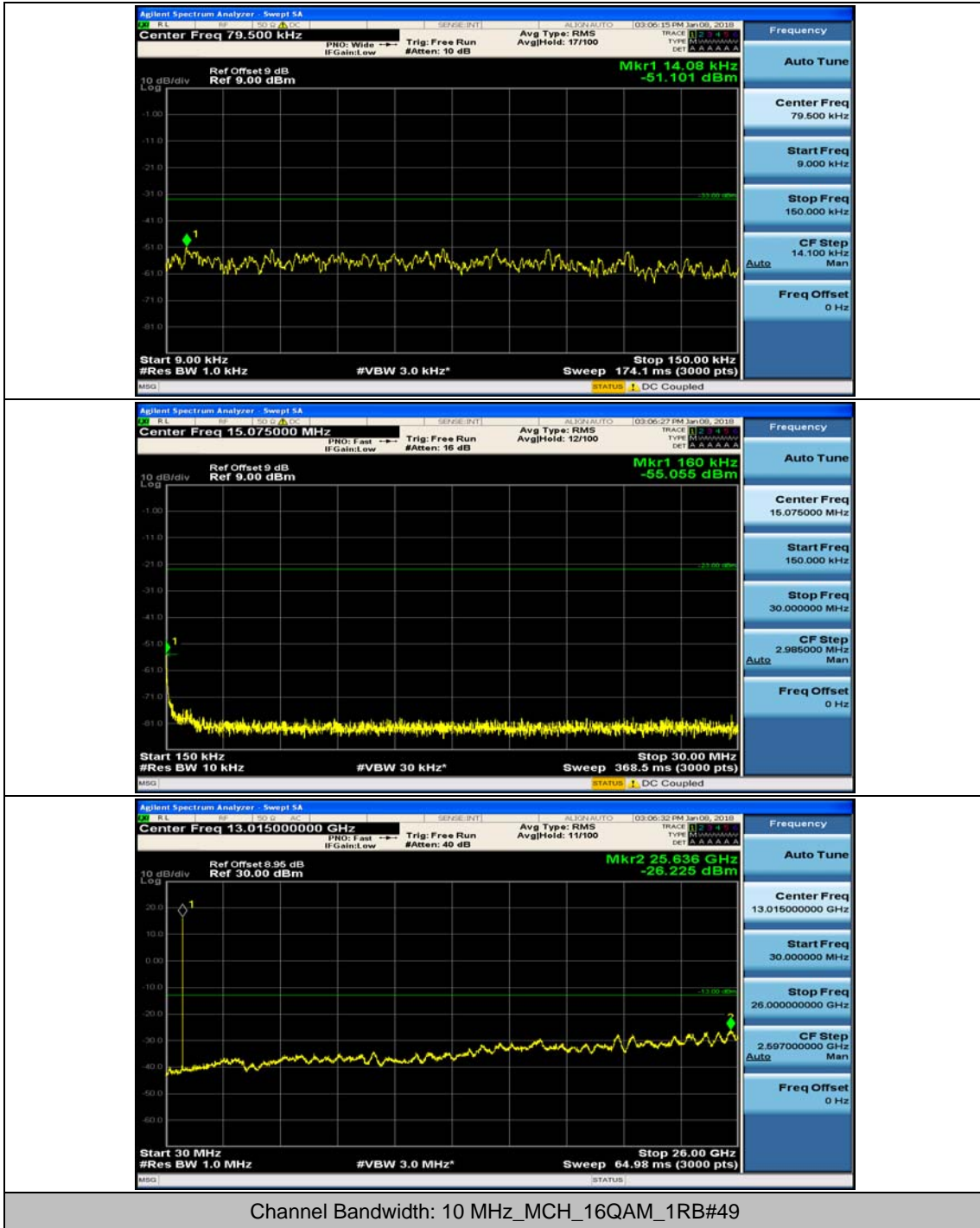


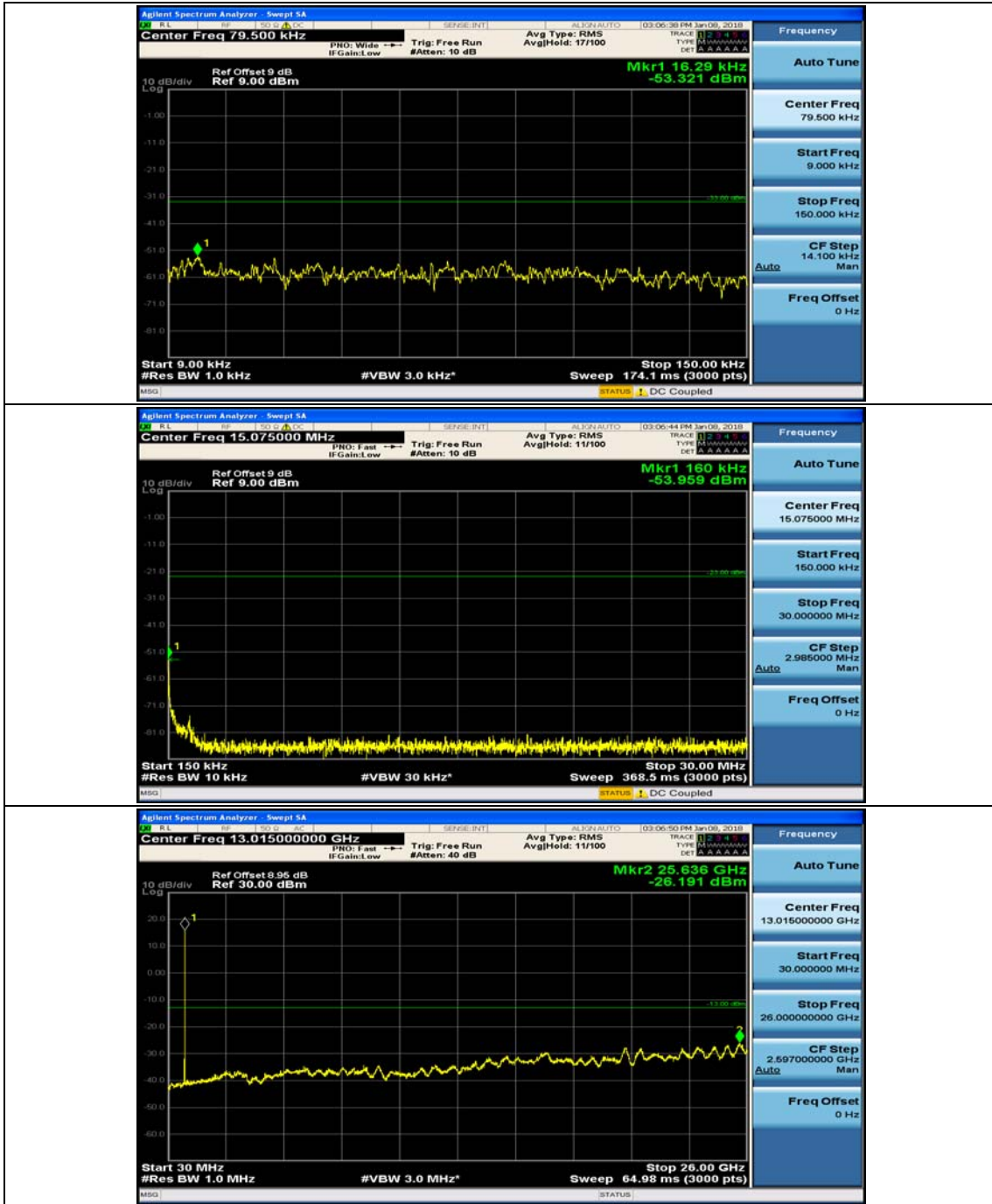


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



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	3.54	0.004541	± 2.5	PASS	
		VN	TN	2.73	0.003502	± 2.5	PASS	
		VH	TN	3.78	0.004849	± 2.5	PASS	
	MCH	/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
	HCH	VL	TN	2.63	0.003352	± 2.5	PASS	
		VN	TN	-1.96	-0.002498	± 2.5	PASS	
		VH	TN	-1.53	-0.001950	± 2.5	PASS	
16QAM	LCH	VL	TN	4.78	0.006132	± 2.5	PASS	
		VN	TN	-0.09	-0.000115	± 2.5	PASS	
		VH	TN	-0.99	-0.001270	± 2.5	PASS	
	MCH	/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
	HCH	VL	TN	0.79	0.001007	± 2.5	PASS	
		VN	TN	-1.68	-0.002141	± 2.5	PASS	
		VH	TN	1.57	0.002001	± 2.5	PASS	
Temperature								
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict	
QPSK	LCH	VN	-30	0.54	0.000693	± 2.5	PASS	
		VN	-20	-1.82	-0.002335	± 2.5	PASS	
		VN	-10	0.8	0.001026	± 2.5	PASS	
		VN	0	-0.43	-0.000552	± 2.5	PASS	
		VN	10	1.75	0.002245	± 2.5	PASS	
		VN	20	-0.55	-0.000706	± 2.5	PASS	
		VN	30	-0.64	-0.000821	± 2.5	PASS	
		VN	40	2.14	0.002745	± 2.5	PASS	
	VN	50	-1.29	-0.001655	± 2.5	PASS		
	MCH	/	/	/	/	/	/	/
/		/	/	/	/	/	/	

		/	/	/	/	/	/	
		/	/	/	/	/	/	
		/	/	/	/	/	/	
		/	/	/	/	/	/	
		/	/	/	/	/	/	
		/	/	/	/	/	/	
		/	/	/	/	/	/	
		VN	-30	2.88	0.003671	± 2.5	PASS	
		VN	-20	2.76	0.003518	± 2.5	PASS	
		VN	-10	3.71	0.004729	± 2.5	PASS	
HCH	VN	0	-1.22	-0.001555	± 2.5	PASS		
	VN	10	-0.02	-0.000025	± 2.5	PASS		
	VN	20	0.26	0.000331	± 2.5	PASS		
	VN	30	0.56	0.000714	± 2.5	PASS		
	VN	40	4.9	0.006246	± 2.5	PASS		
	VN	50	-0.12	-0.000153	± 2.5	PASS		
	16QAM	LCH	VN	-30	2.88	0.003671	± 2.5	PASS
			VN	-20	2.76	0.003518	± 2.5	PASS
			VN	-10	3.71	0.004729	± 2.5	PASS
VN			0	-1.22	-0.001555	± 2.5	PASS	
VN			10	-0.02	-0.000025	± 2.5	PASS	
VN			20	0.26	0.000331	± 2.5	PASS	
VN			30	0.56	0.000714	± 2.5	PASS	
VN			40	4.9	0.006246	± 2.5	PASS	
VN			50	-0.12	-0.000153	± 2.5	PASS	
MCH		/	/	/	/	/	/	
	/	/	/	/	/	/		
	/	/	/	/	/	/		
	/	/	/	/	/	/		
	/	/	/	/	/	/		
	/	/	/	/	/	/		
	/	/	/	/	/	/		
	/	/	/	/	/	/		
	/	/	/	/	/	/		
HCH	VN	-30	2.21	0.002817	± 2.5	PASS		
	VN	-20	-1.34	-0.001708	± 2.5	PASS		
	VN	-10	0.29	0.000370	± 2.5	PASS		
	VN	0	-0.24	-0.000306	± 2.5	PASS		
	VN	10	0.62	0.000790	± 2.5	PASS		
	VN	20	2.09	0.002664	± 2.5	PASS		
	VN	30	-0.59	-0.000752	± 2.5	PASS		

		VN	40	3.98	0.005073	± 2.5	PASS
		VN	50	0.46	0.000586	± 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	/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
	MCH	VL	TN	0.8	0.001023	± 2.5	PASS
		VN	TN	2.28	0.002916	± 2.5	PASS
		VH	TN	3.38	0.004308	± 2.5	PASS
	HCH	/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
16QAM	LCH	/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
	MCH	VL	TN	-1.17	-0.001496	± 2.5	PASS
		VN	TN	1.01	0.001292	± 2.5	PASS
		VH	TN	4.51	0.005767	± 2.5	PASS
	HCH	/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
	MCH	VN	-30	1.68	0.002148	± 2.5	PASS
		VN	-20	1.43	0.001829	± 2.5	PASS
		VN	-10	1.67	0.002136	± 2.5	PASS
		VN	0	3.7	0.004731	± 2.5	PASS

	VN	10	3.19	0.004079	± 2.5	PASS	
		20	0.77	0.000985	± 2.5	PASS	
		30	0.19	0.000243	± 2.5	PASS	
		40	-1.58	-0.002020	± 2.5	PASS	
		50	2.49	0.003184	± 2.5	PASS	
	HCH	/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
QPSK	LCH	/	/	/	/	/	
		/	/	/	/	/	
		/	/	/	/	/	
		/	/	/	/	/	
		/	/	/	/	/	
		/	/	/	/	/	
		/	/	/	/	/	
		/	/	/	/	/	
	MCH	VN	-30	3.43	0.004386	± 2.5	PASS
		VN	-20	3.74	0.004783	± 2.5	PASS
		VN	-10	2.15	0.002749	± 2.5	PASS
		VN	0	0.91	0.001164	± 2.5	PASS
		VN	10	0.75	0.000959	± 2.5	PASS
		VN	20	-1.39	-0.001777	± 2.5	PASS
		VN	30	1.27	0.001624	± 2.5	PASS
		VN	40	-0.57	-0.000729	± 2.5	PASS
		VN	50	4.89	0.006253	± 2.5	PASS
	HCH	/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
		/	/	/	/	/	/
/		/	/	/	/	/	