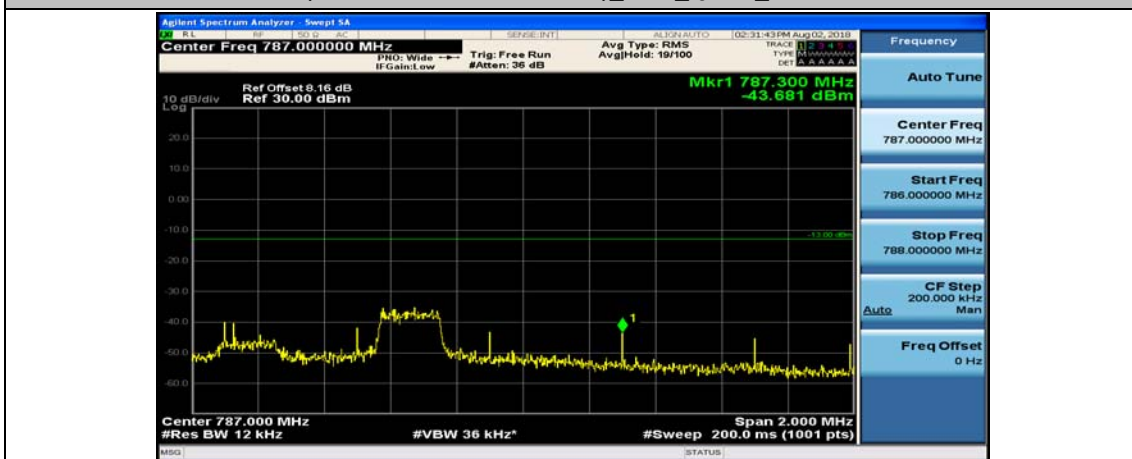
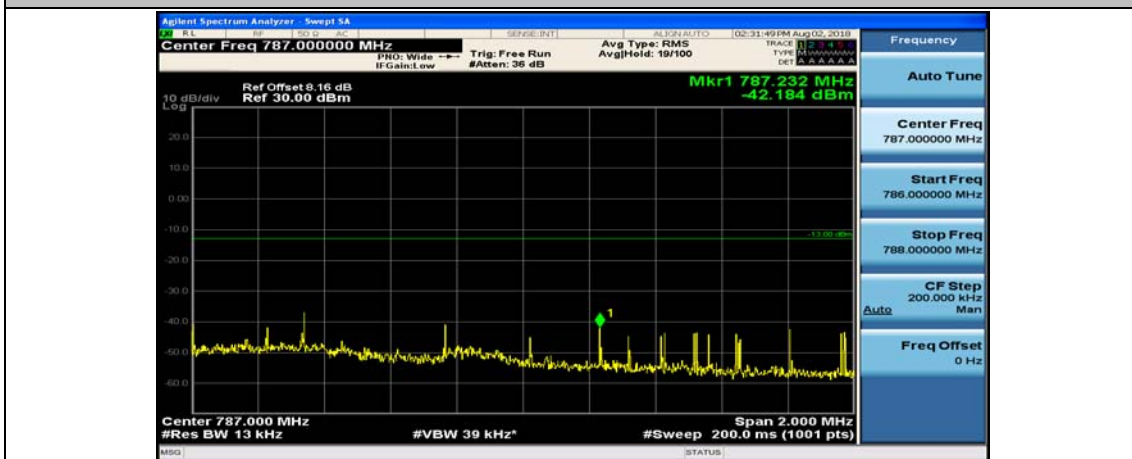




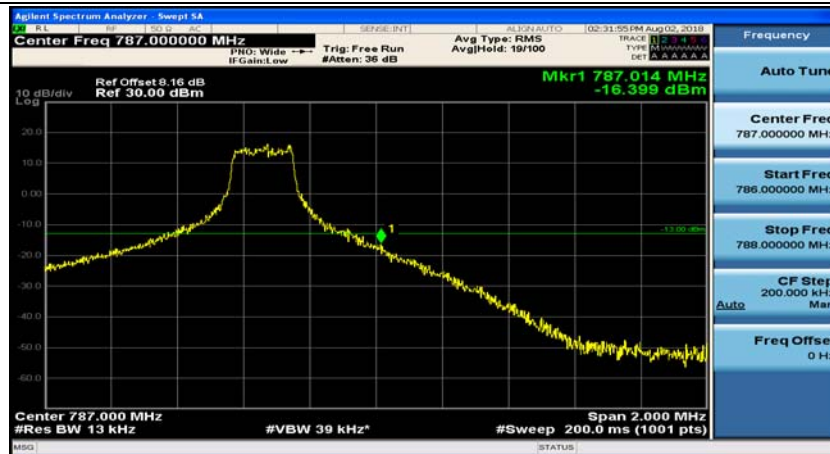
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



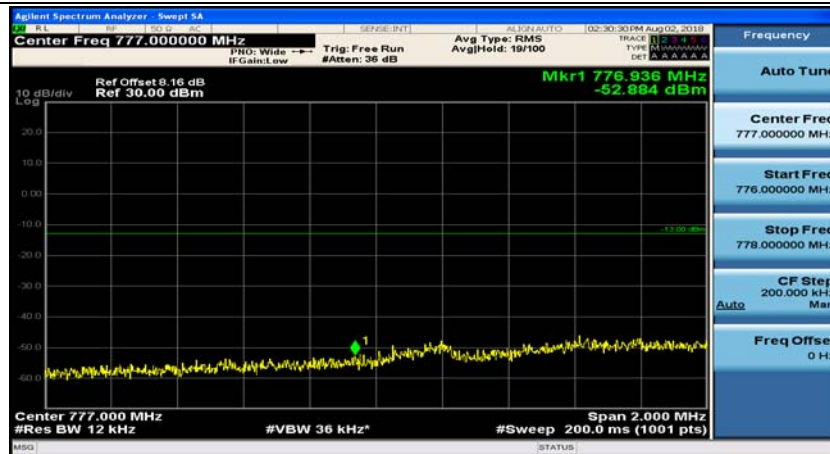
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



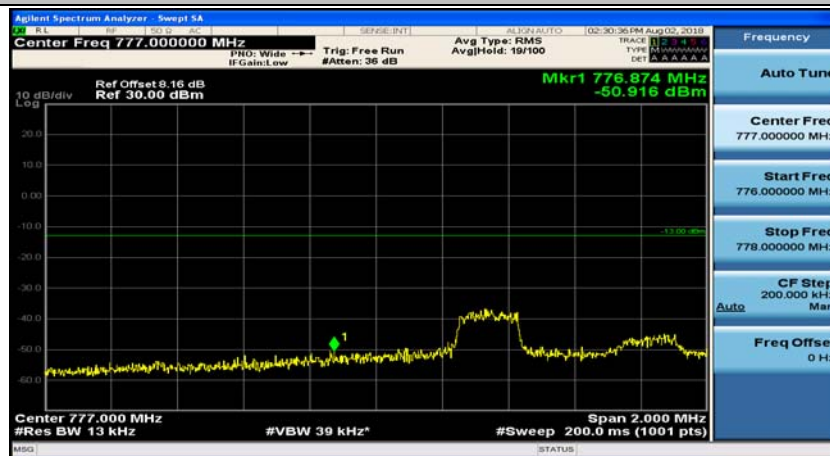
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



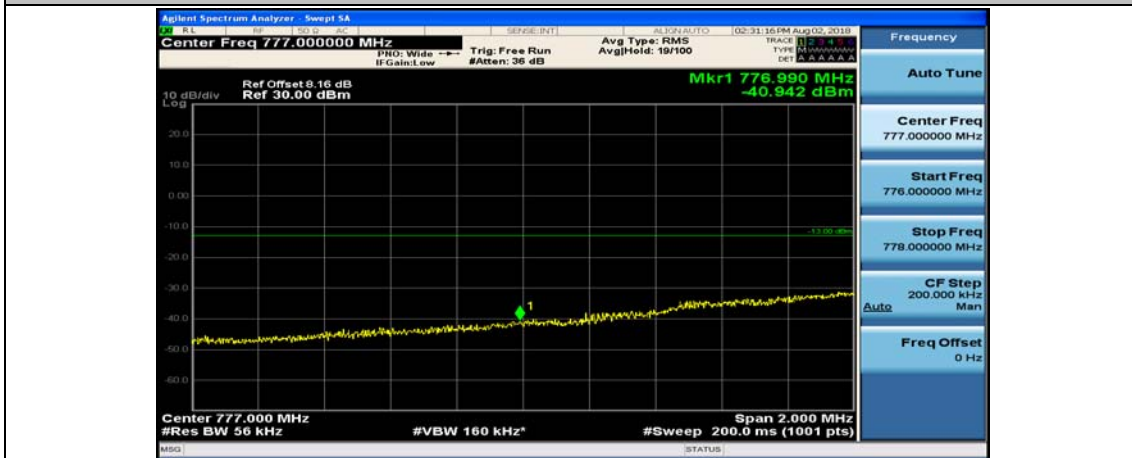
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



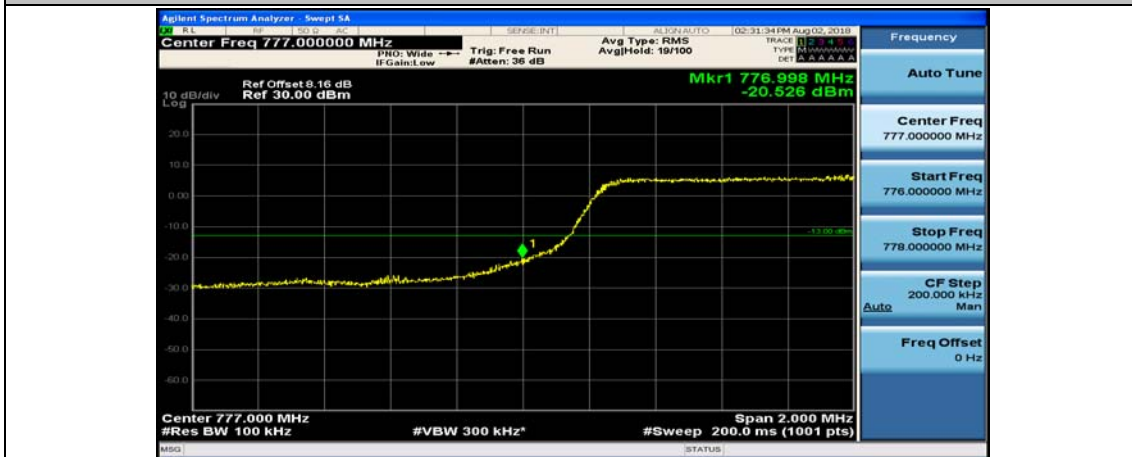
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



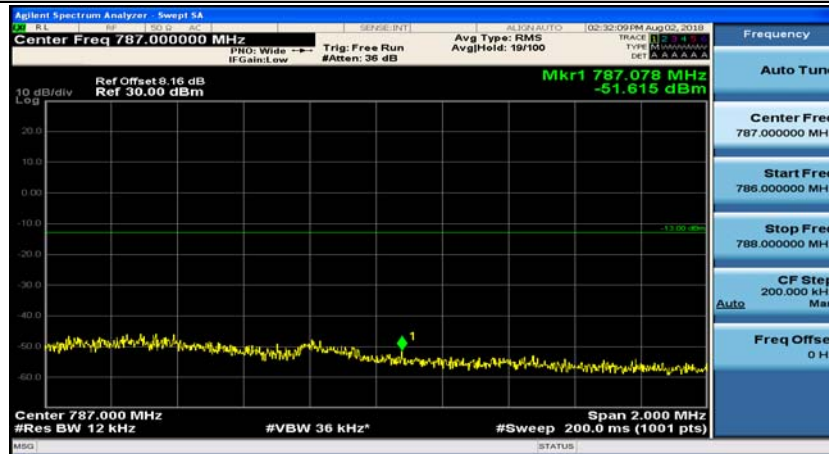
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



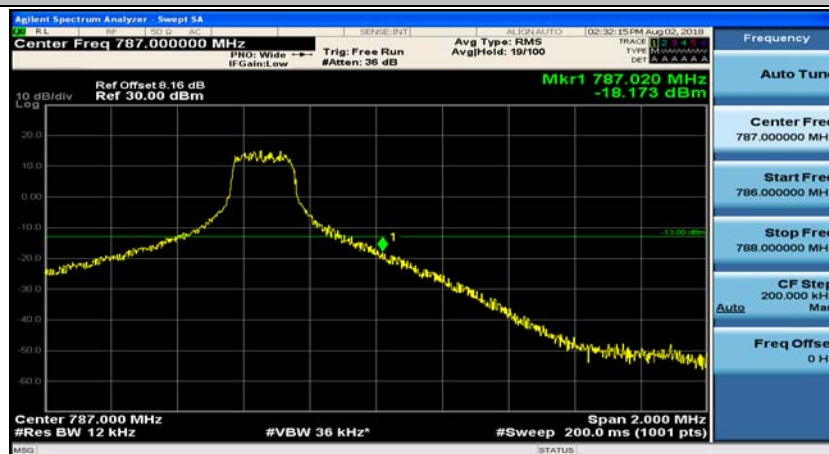
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



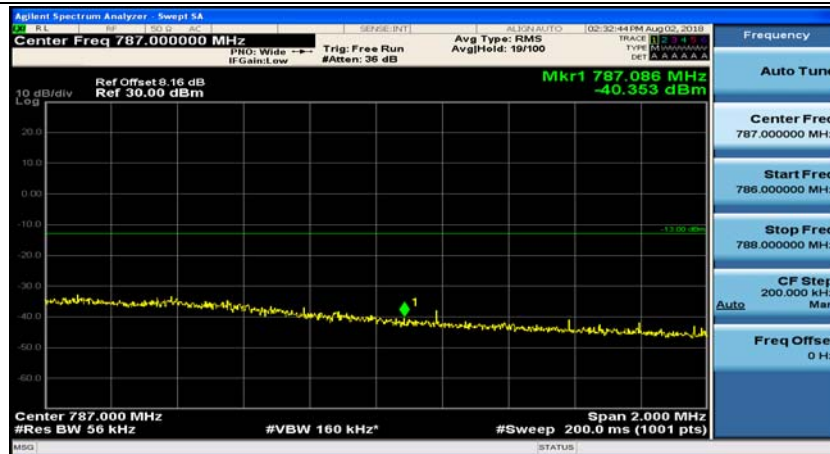
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



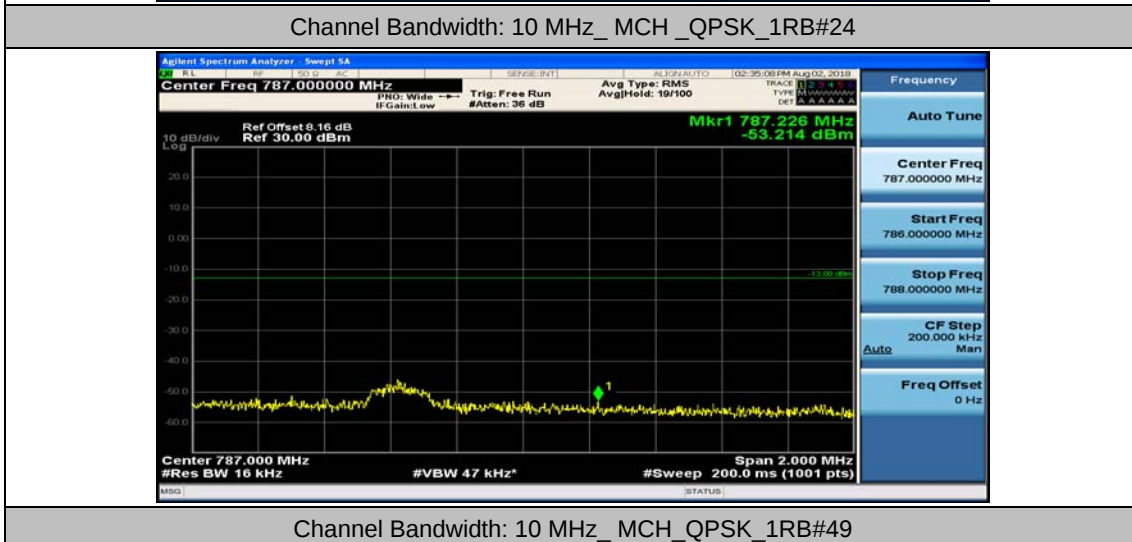
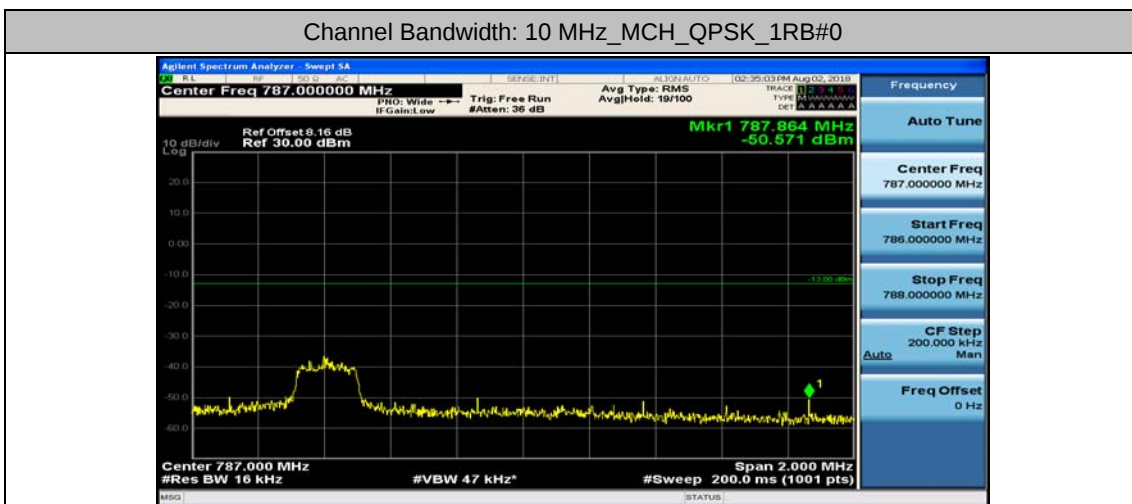
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

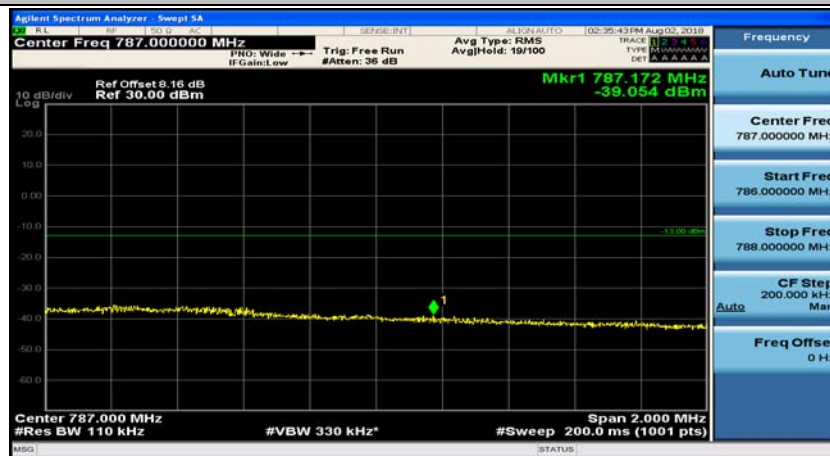


Channel Bandwidth: 10 MHz

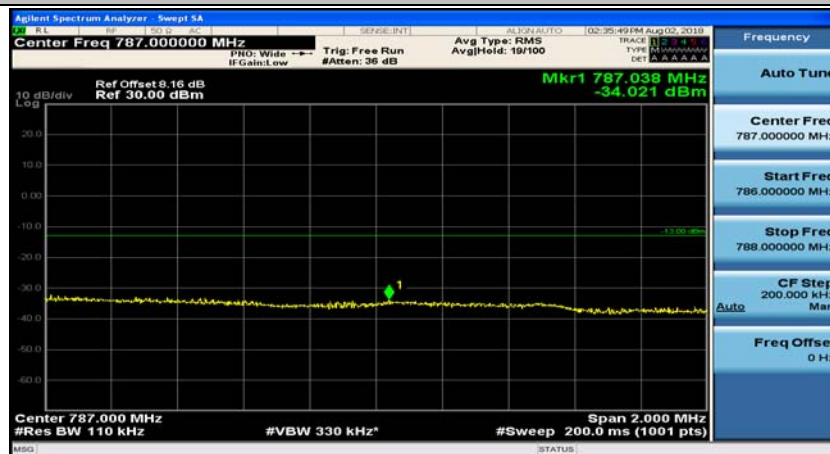




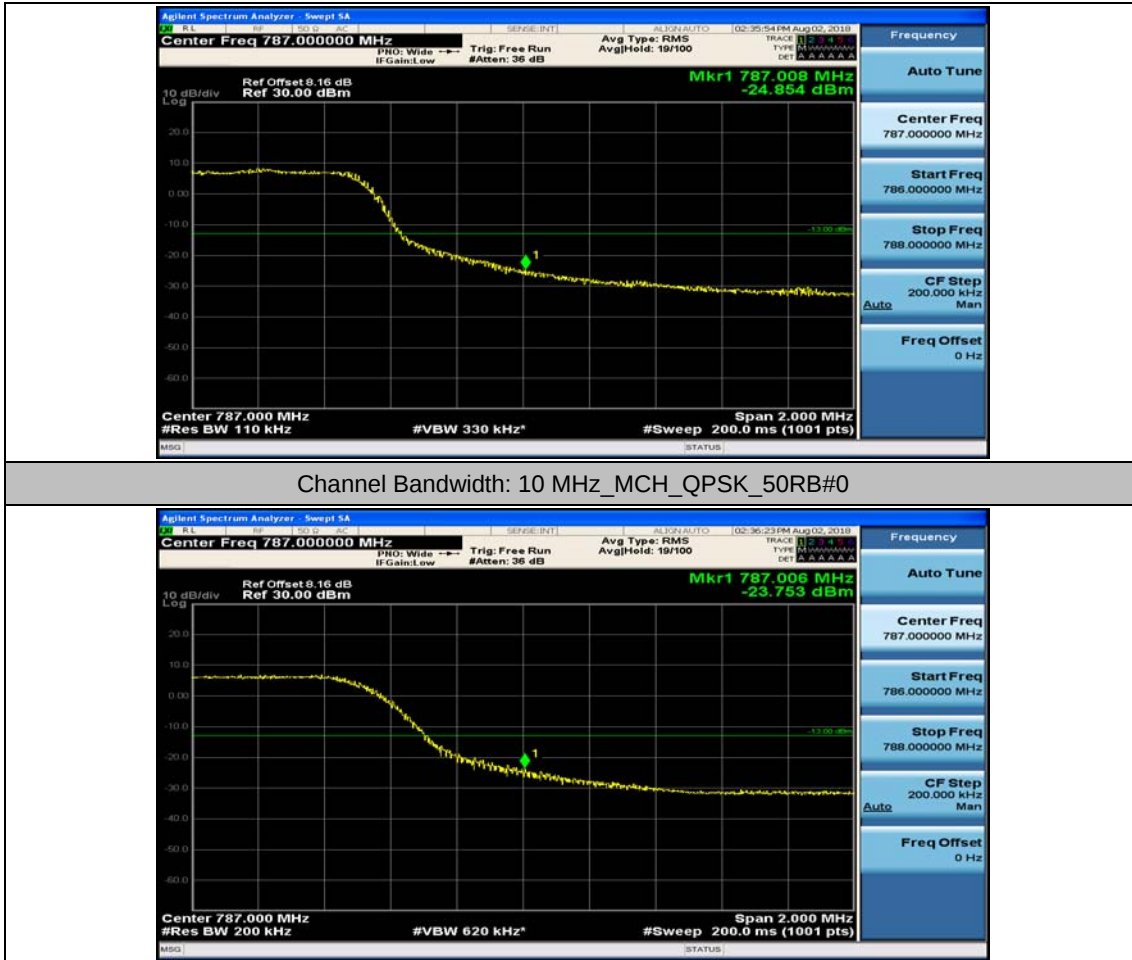
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



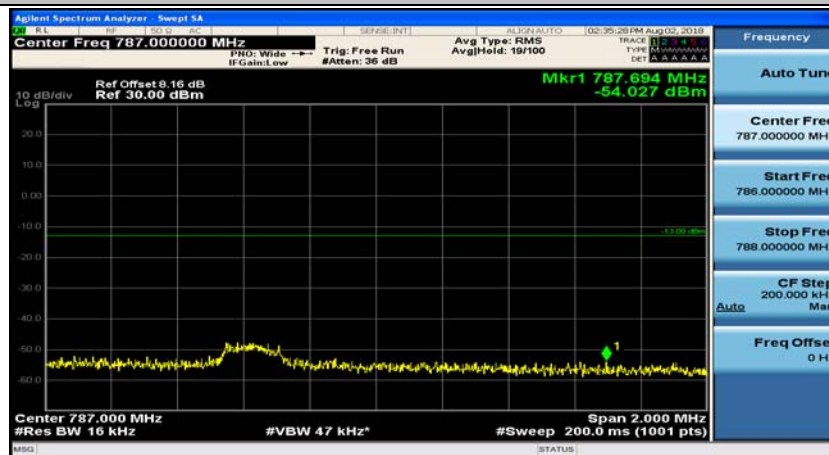
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



Channel Bandwidth: 10 MHz_MCH_6QAM_1RB#0



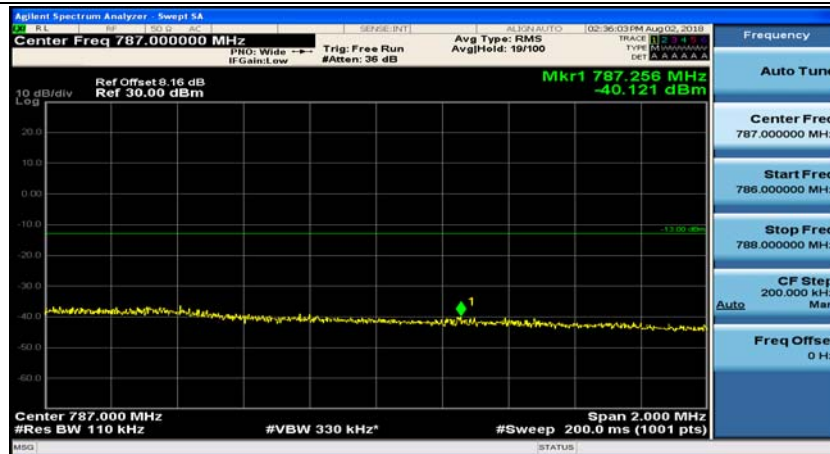
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



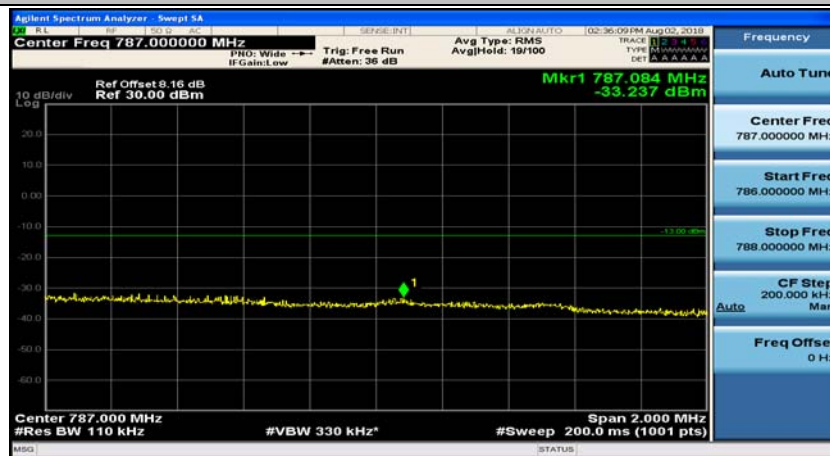
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



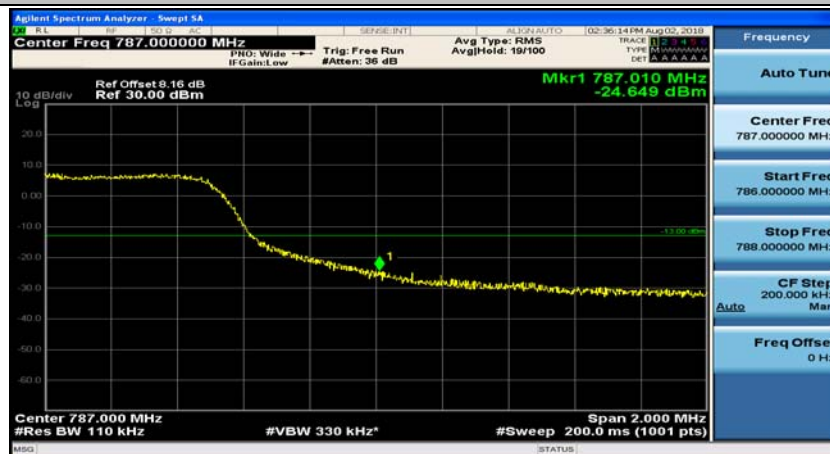
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

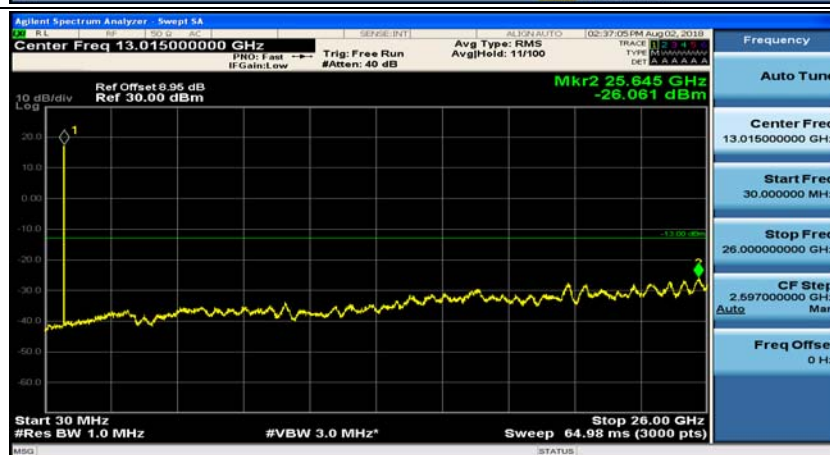
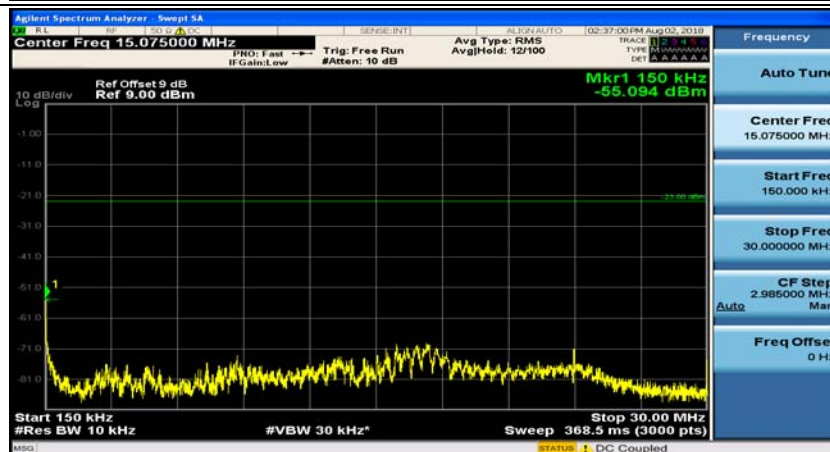
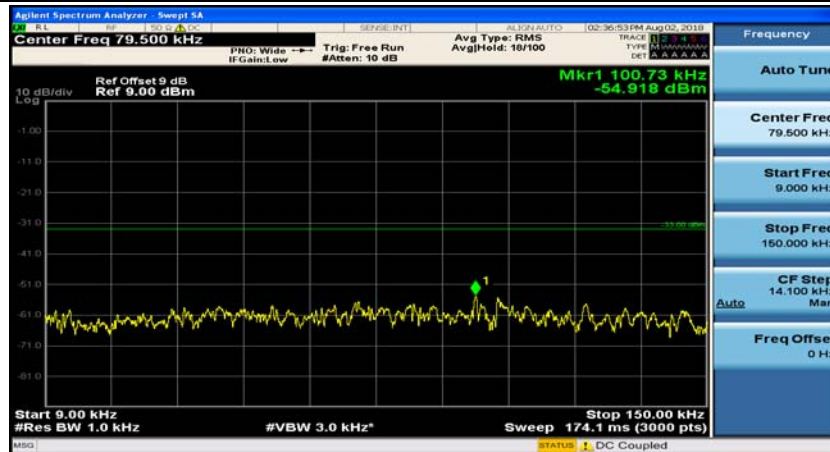


Appendix E: Conducted Spurious Emission

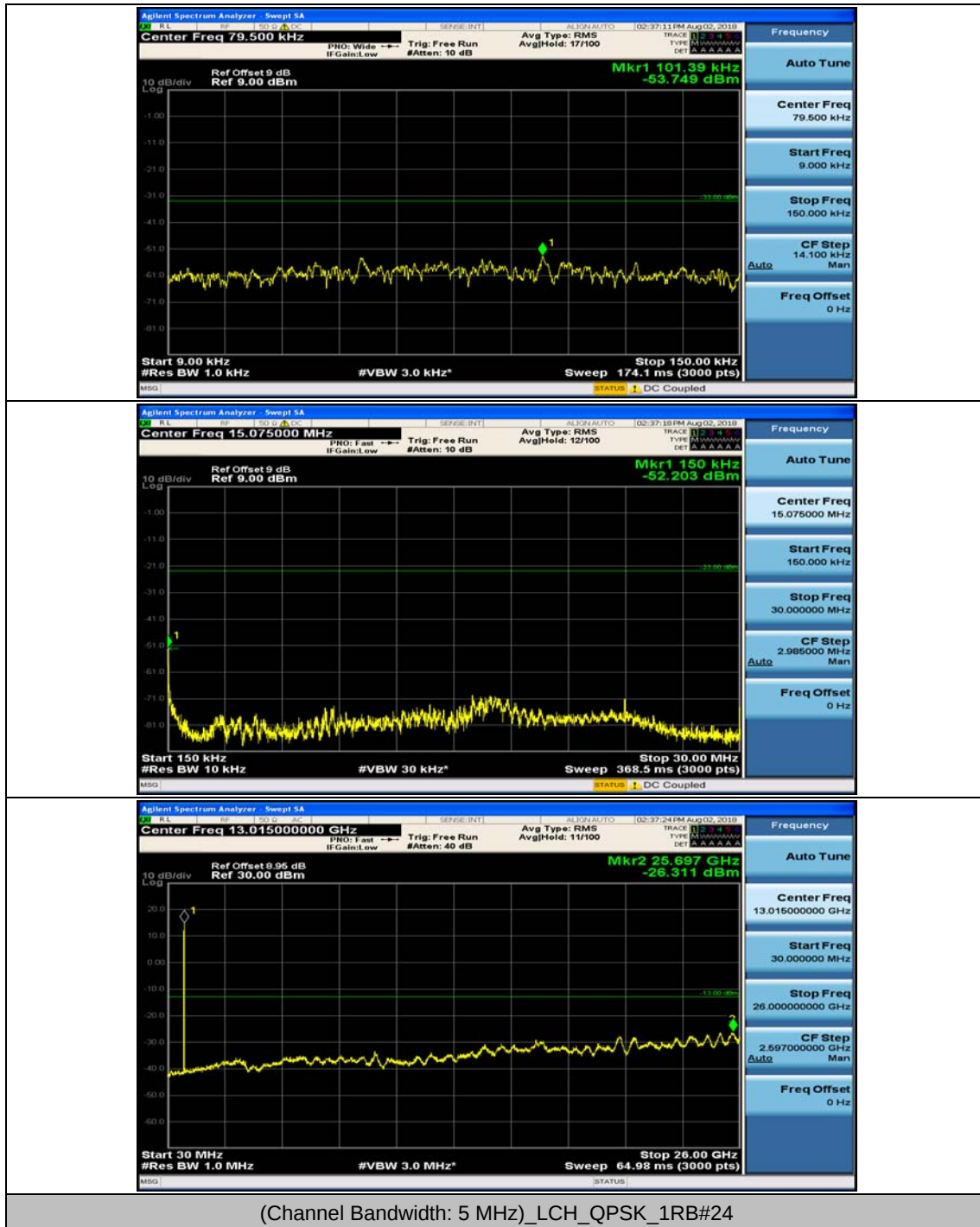
Test Graphs

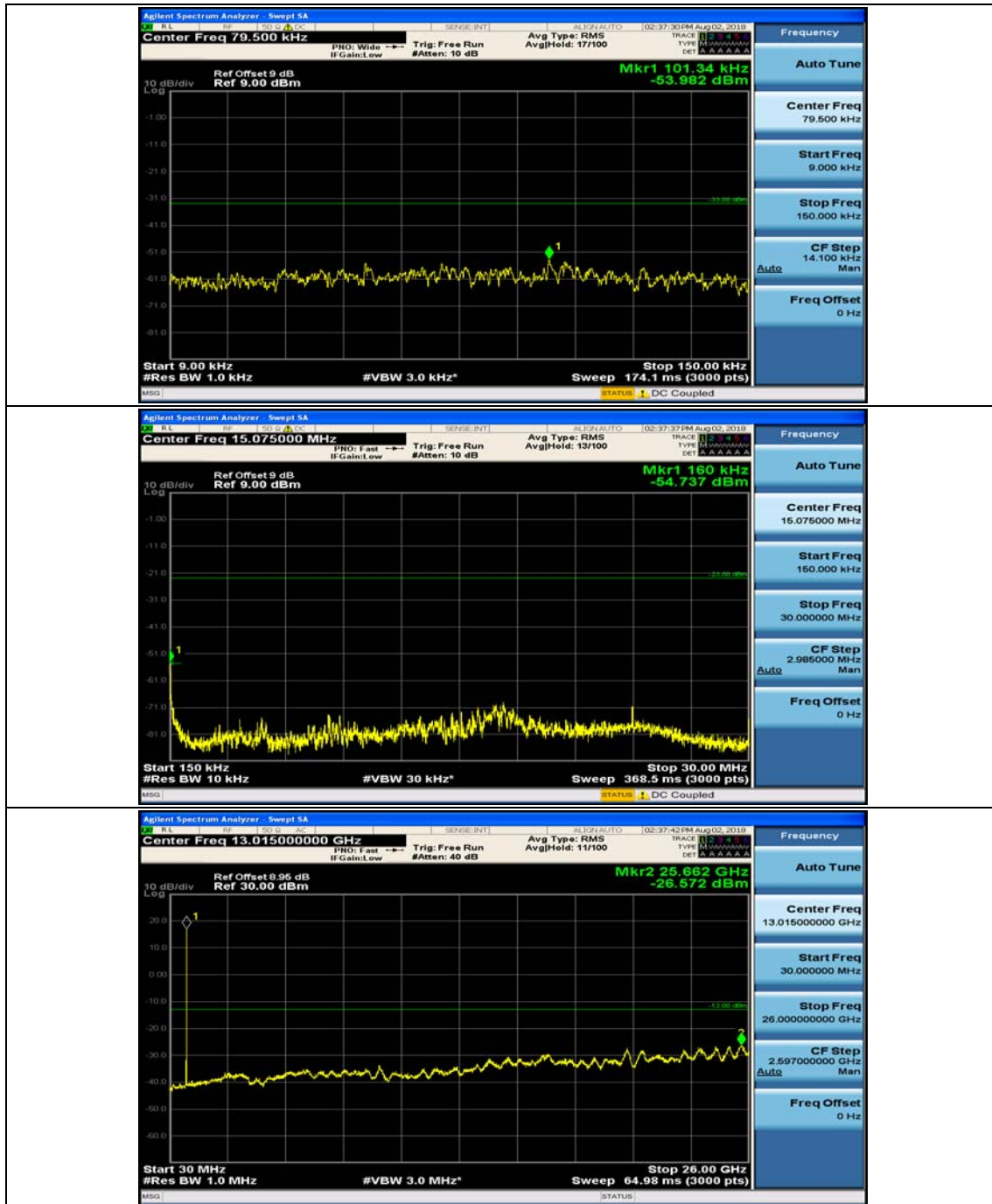
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

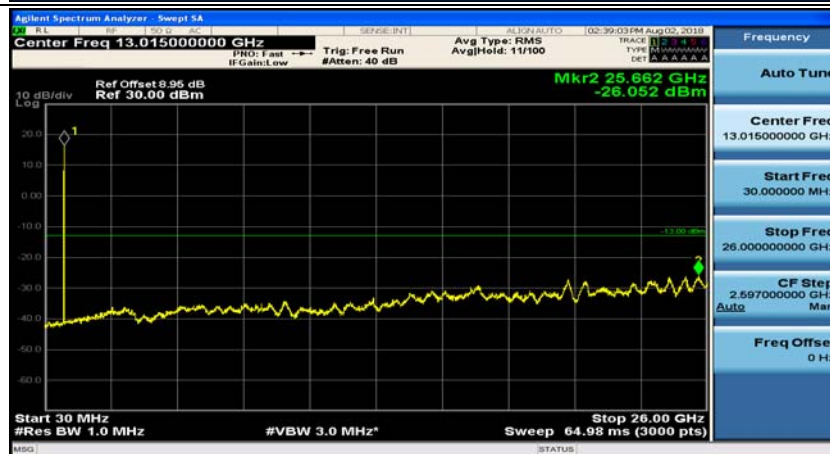
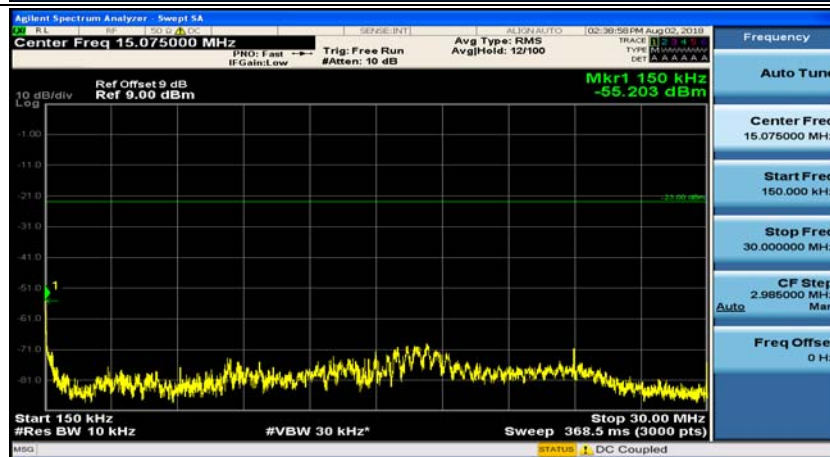
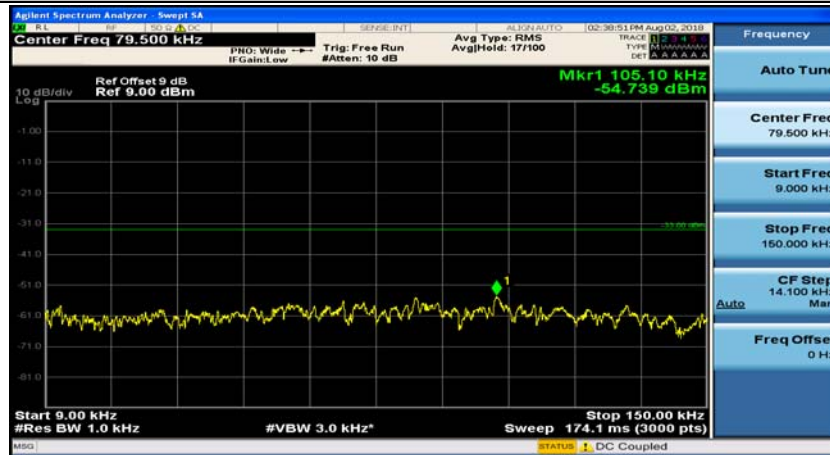


(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

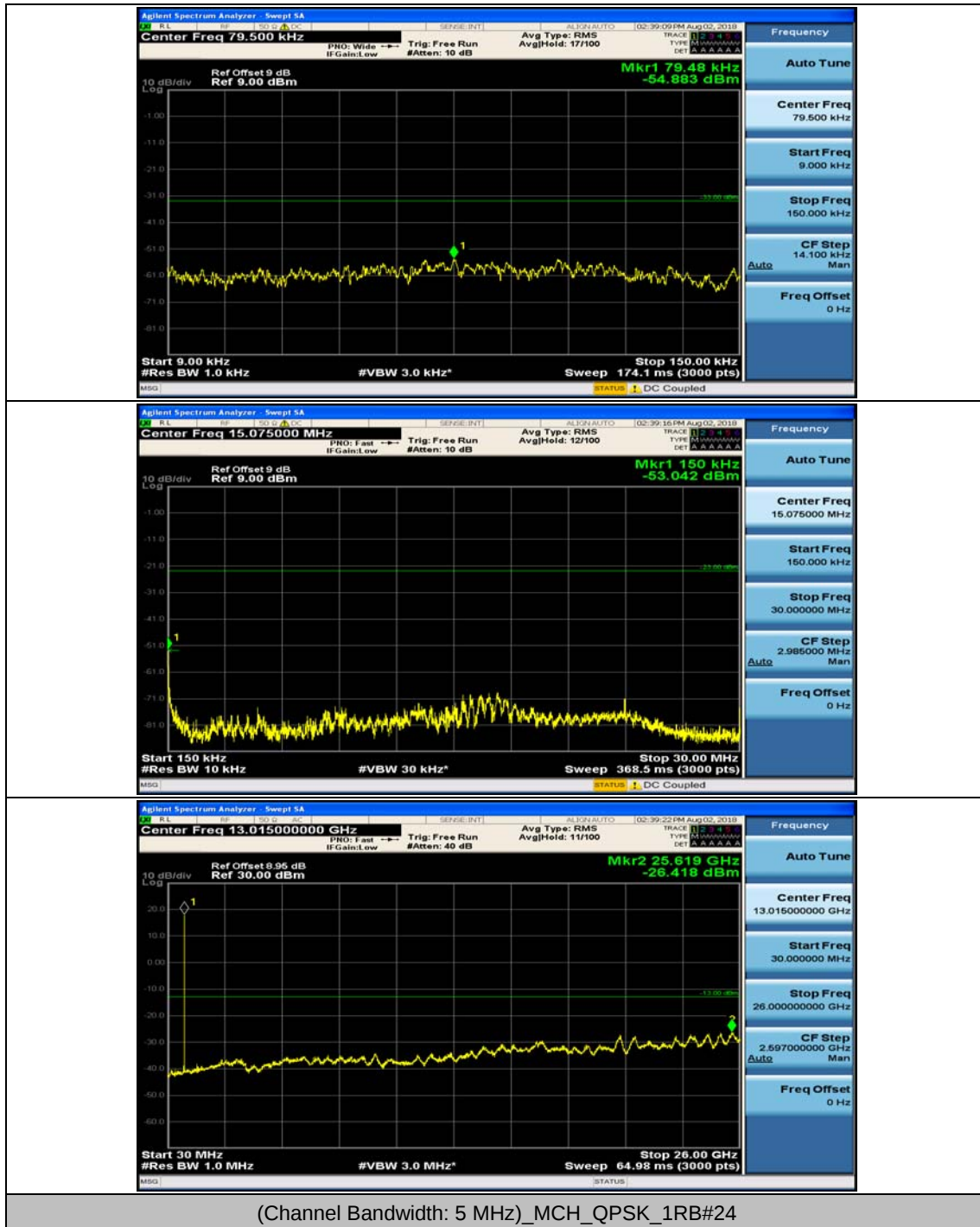


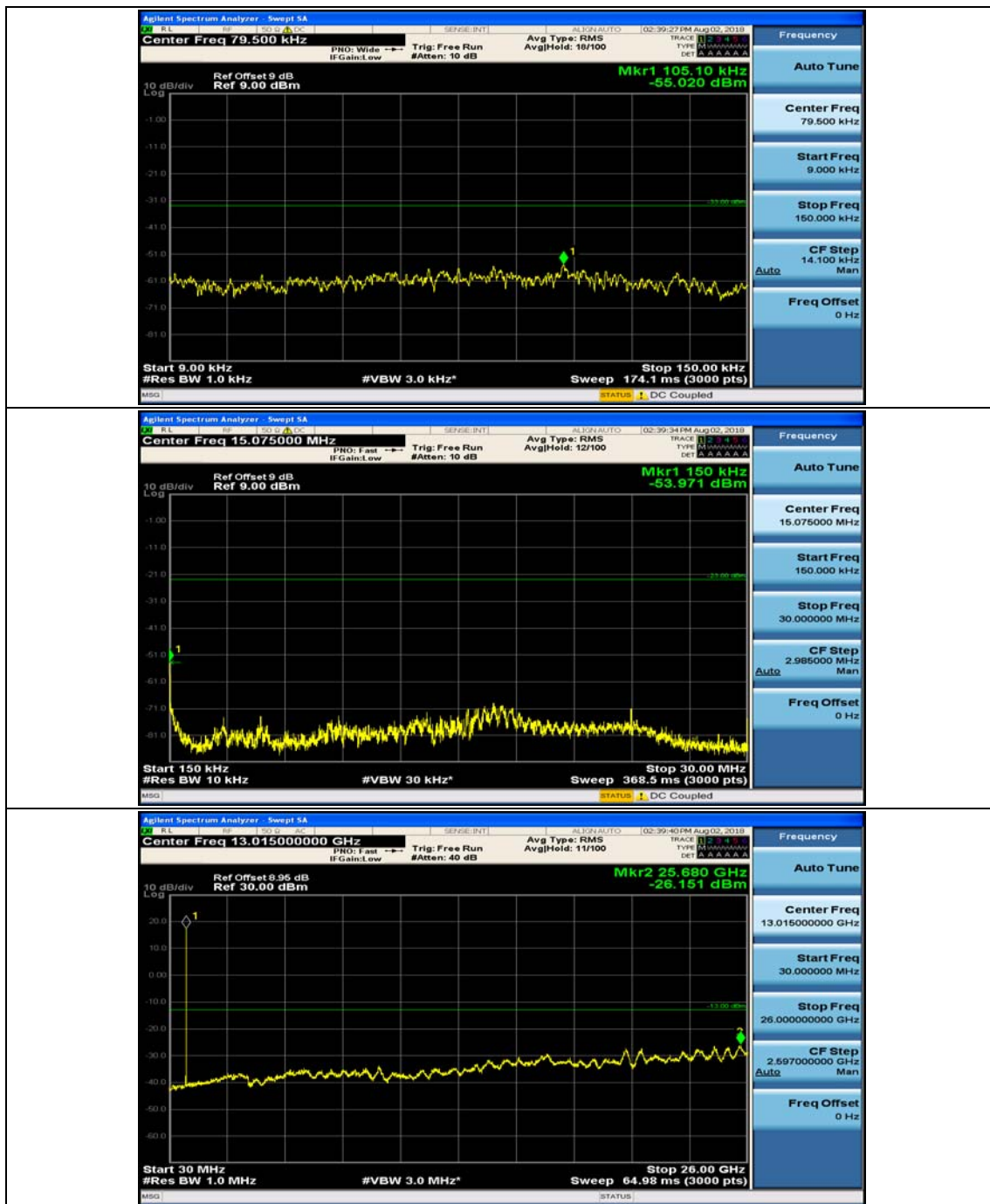


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

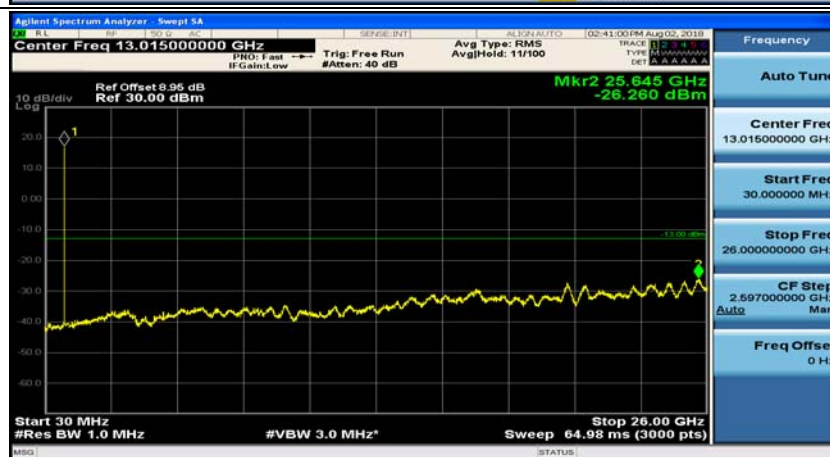
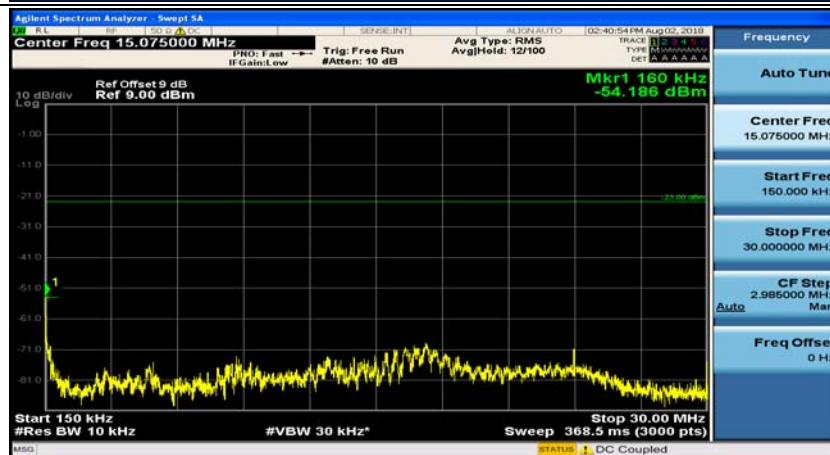
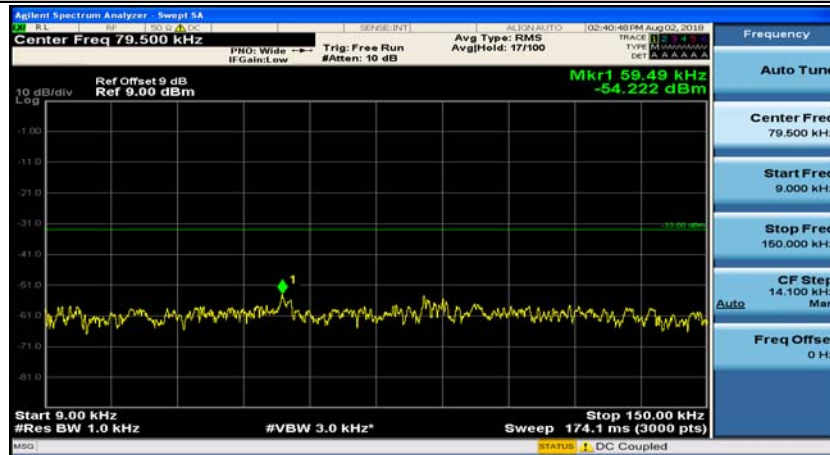


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

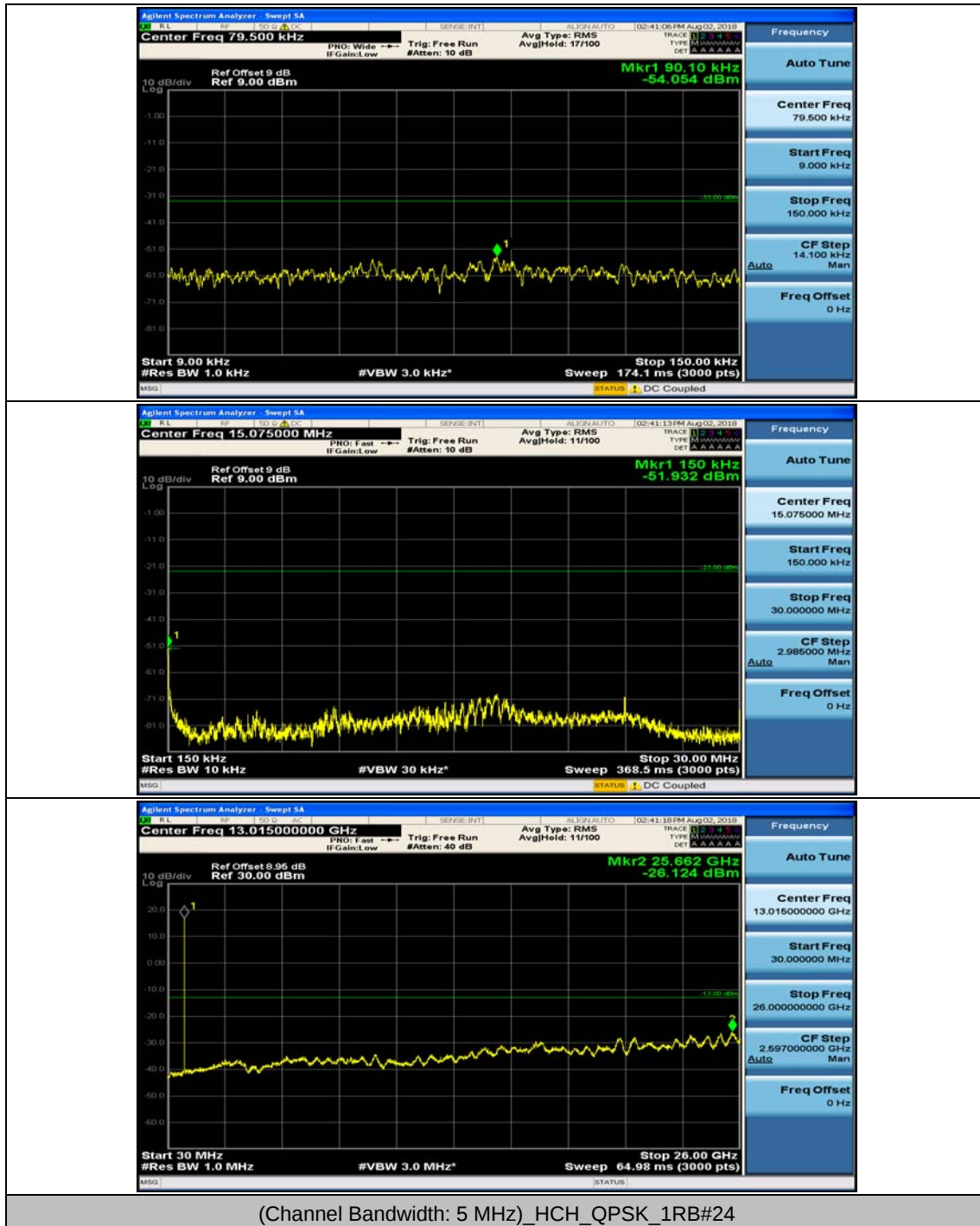


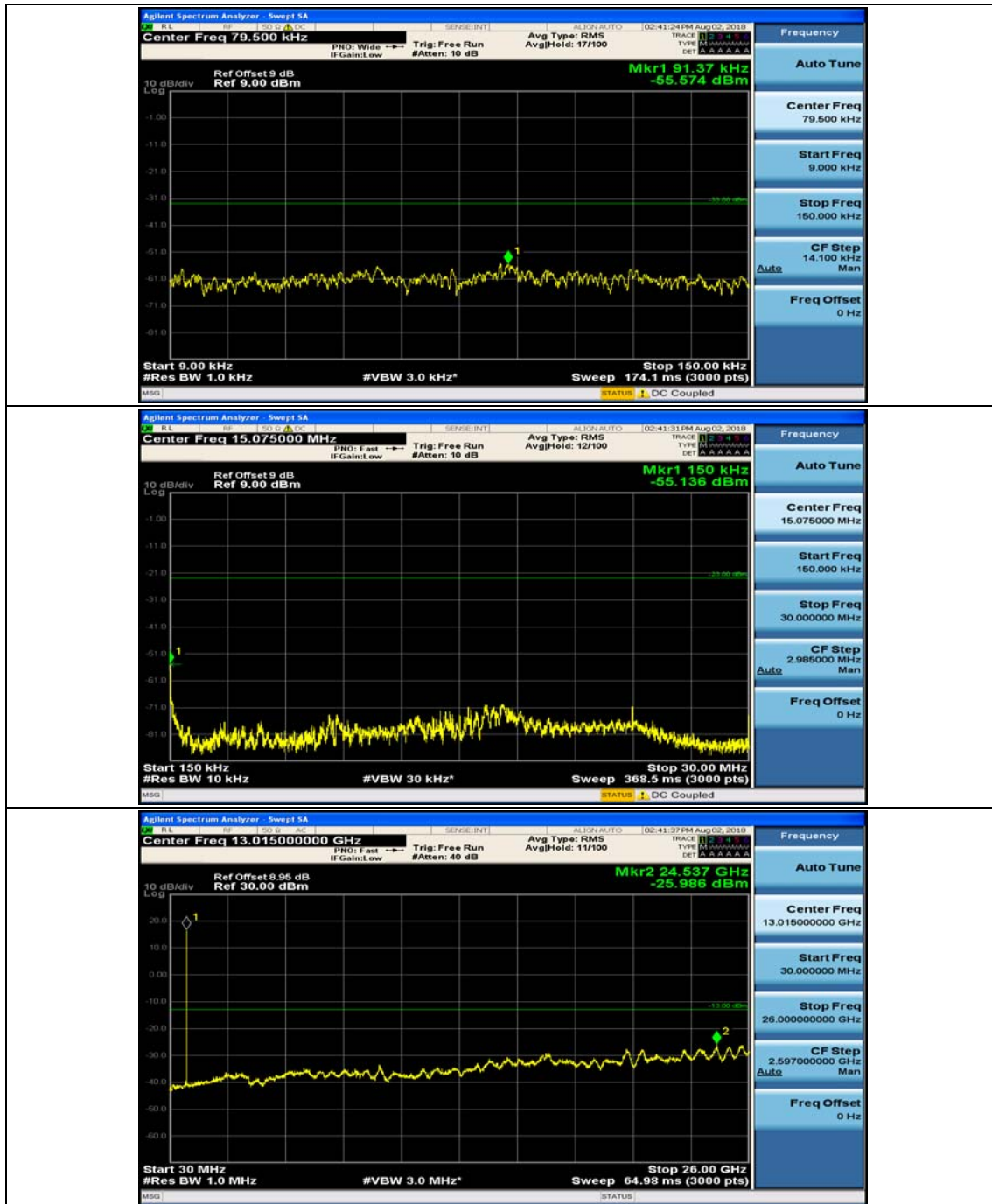


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

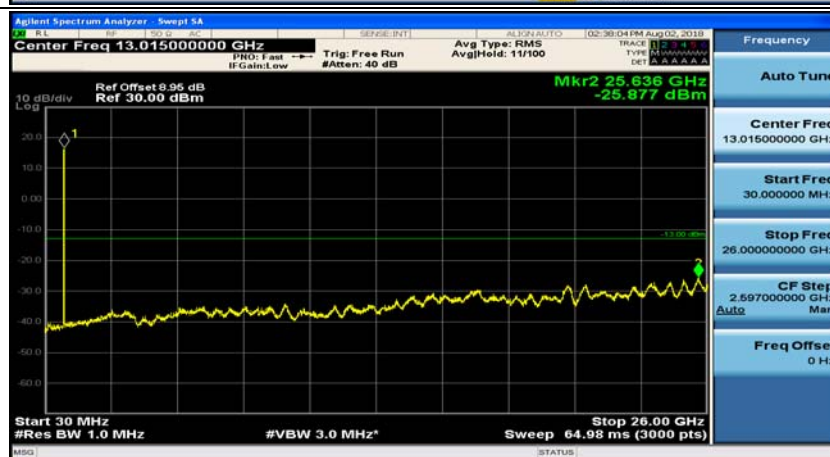
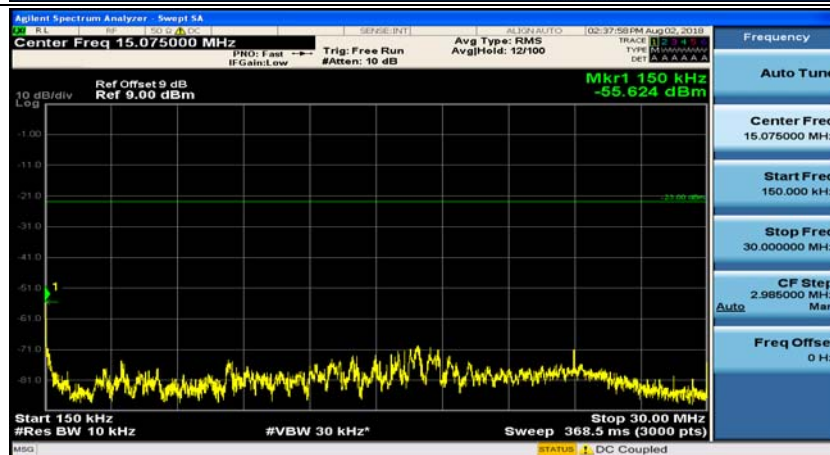
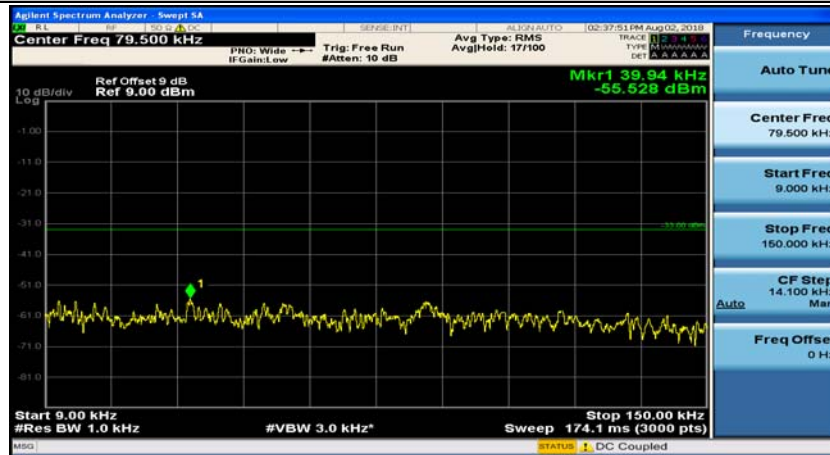


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

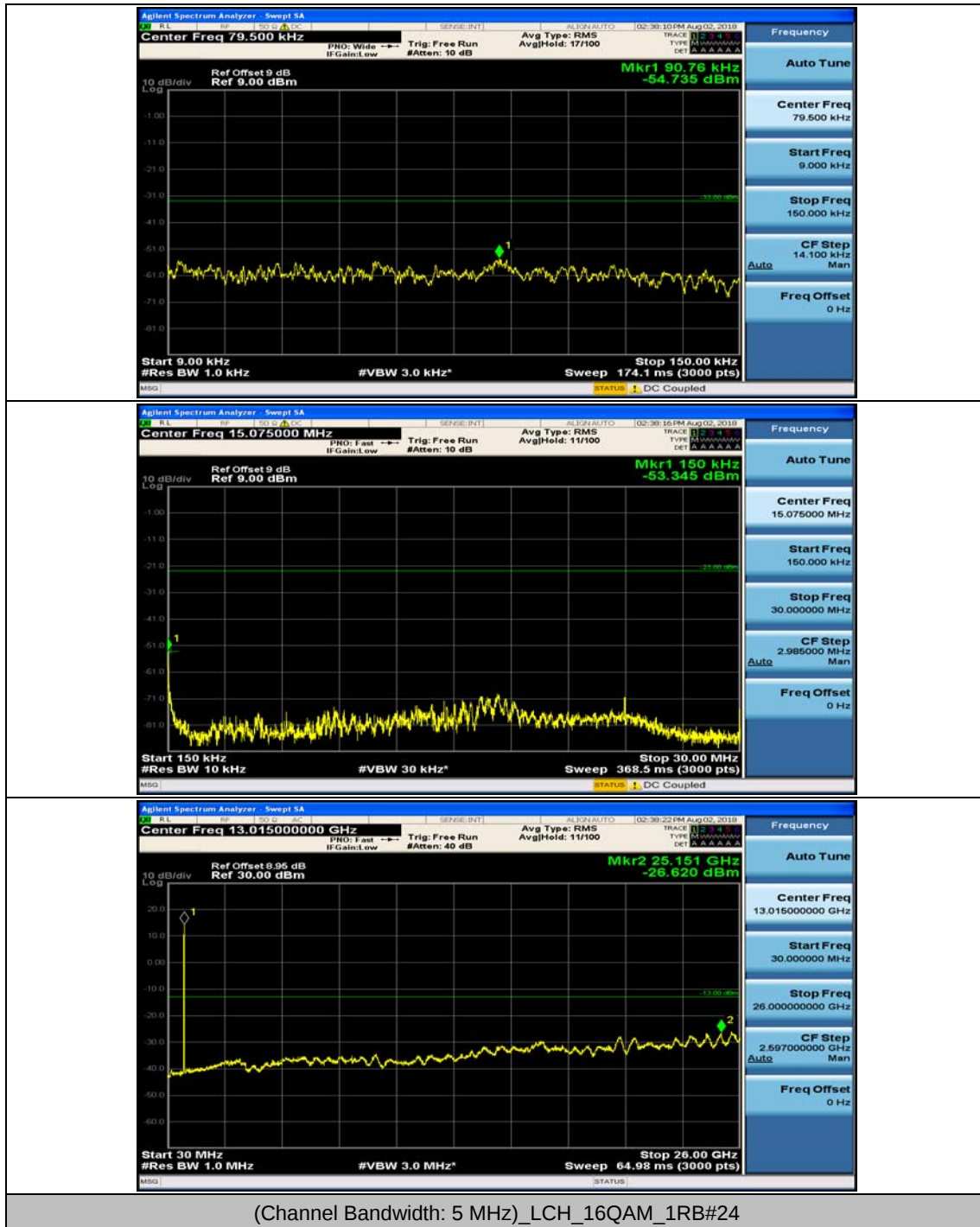


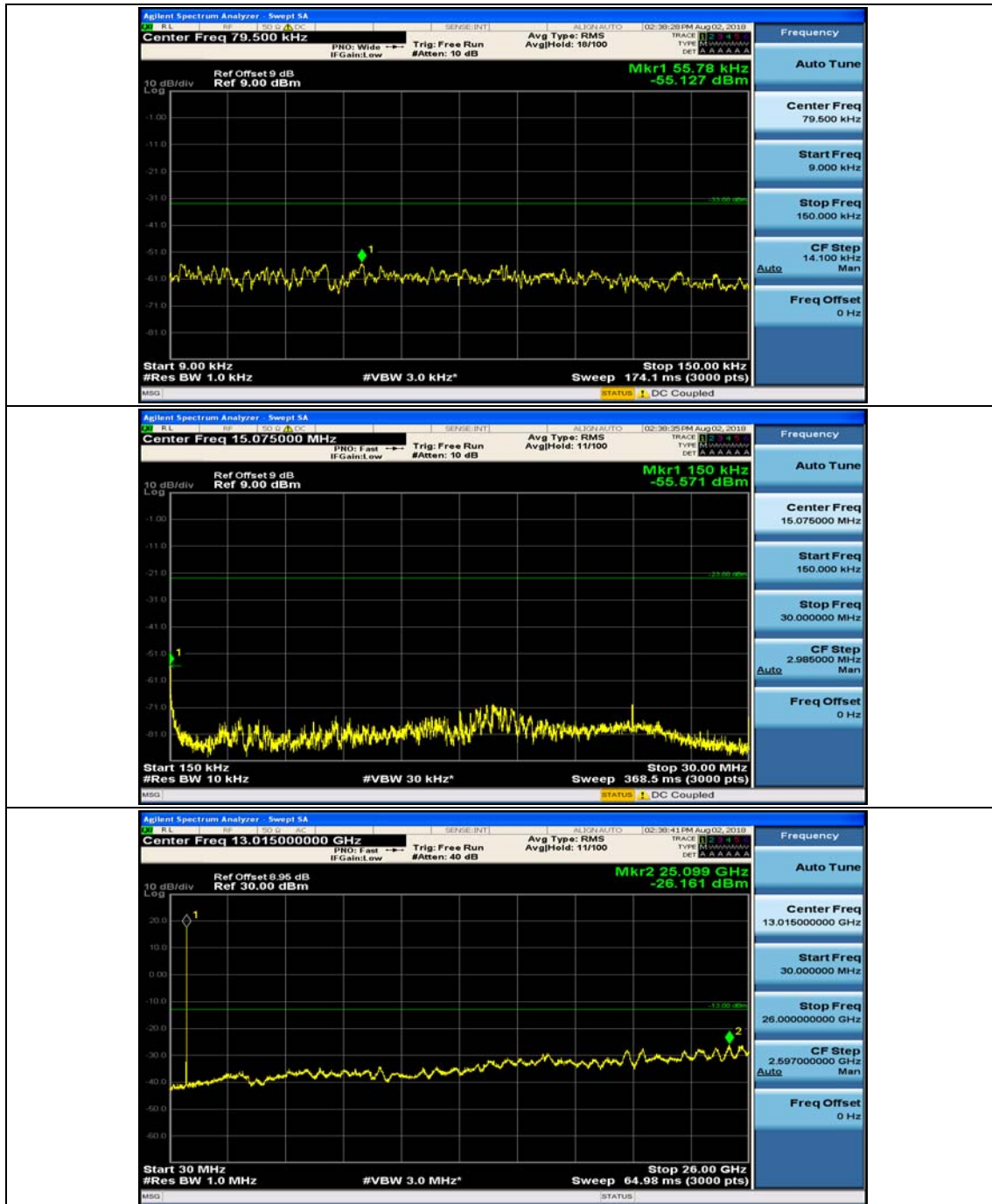


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

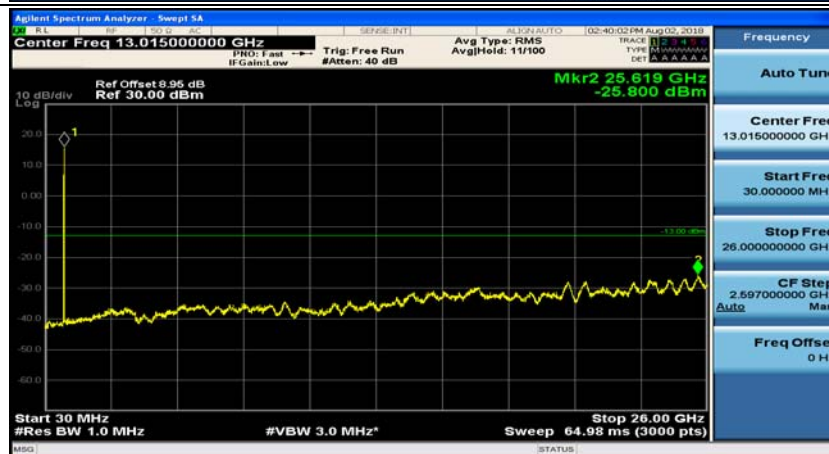
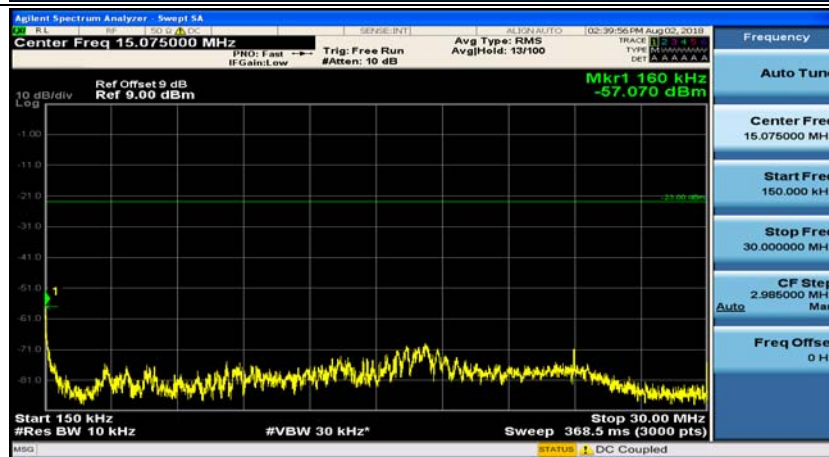


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

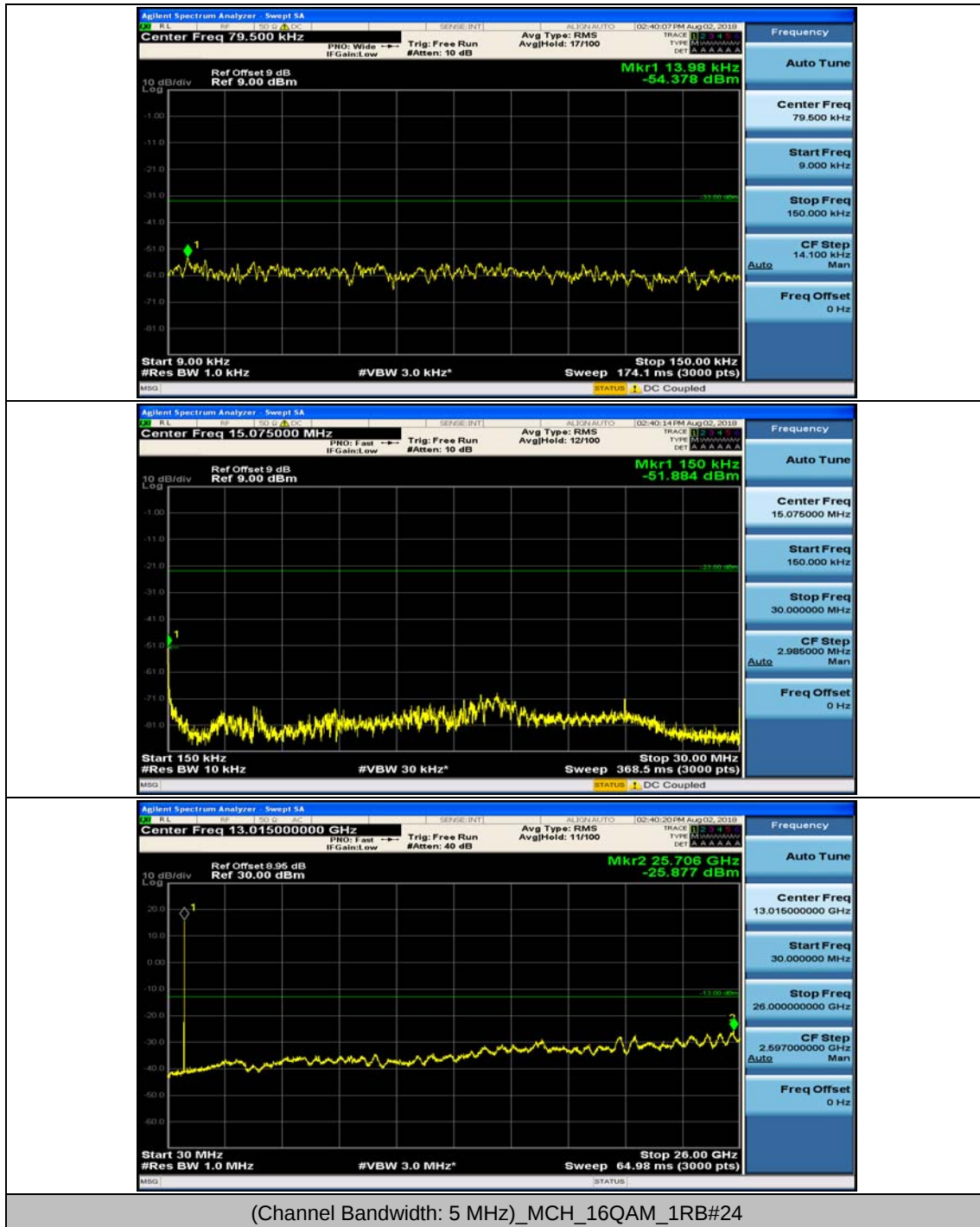


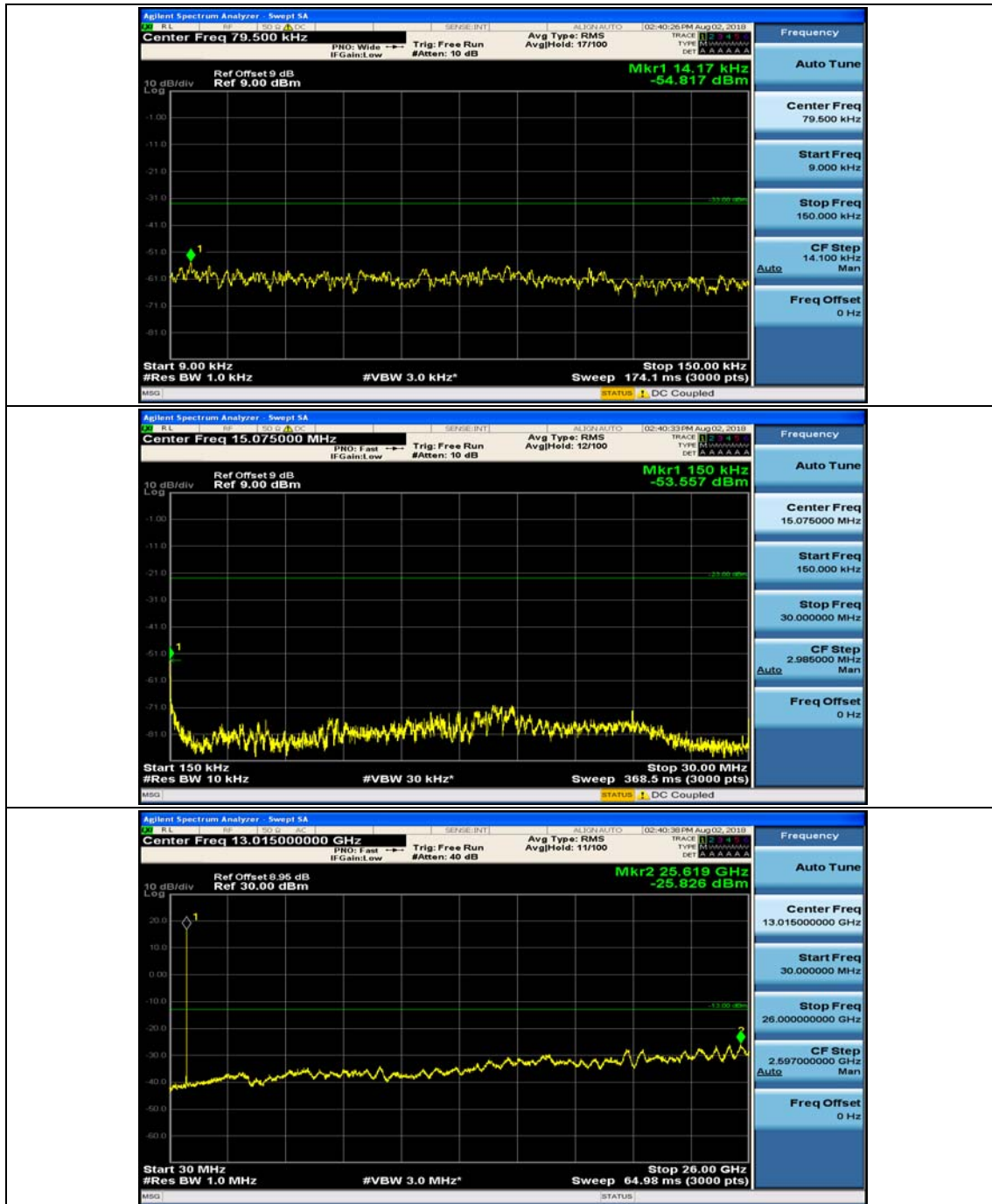


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

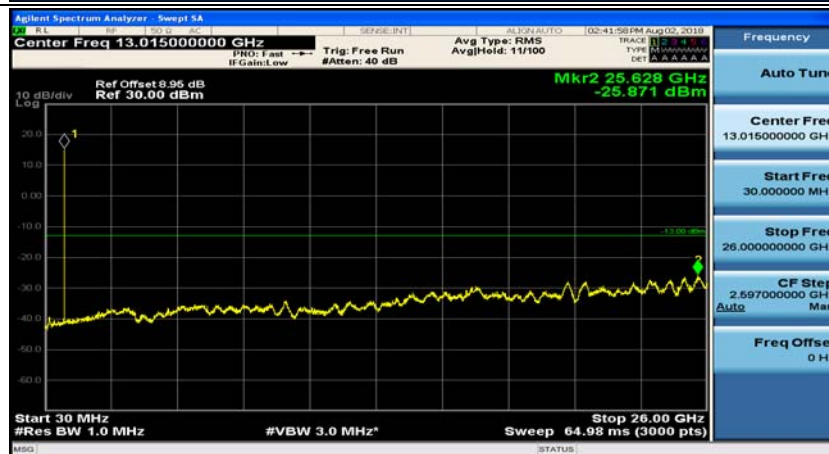
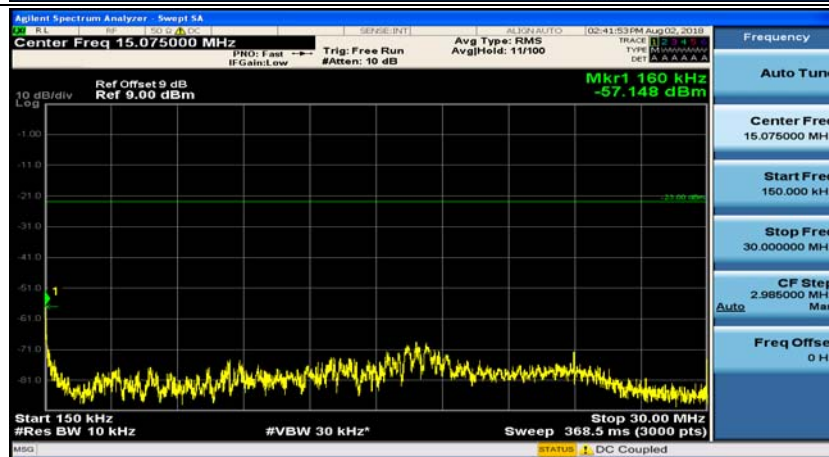


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

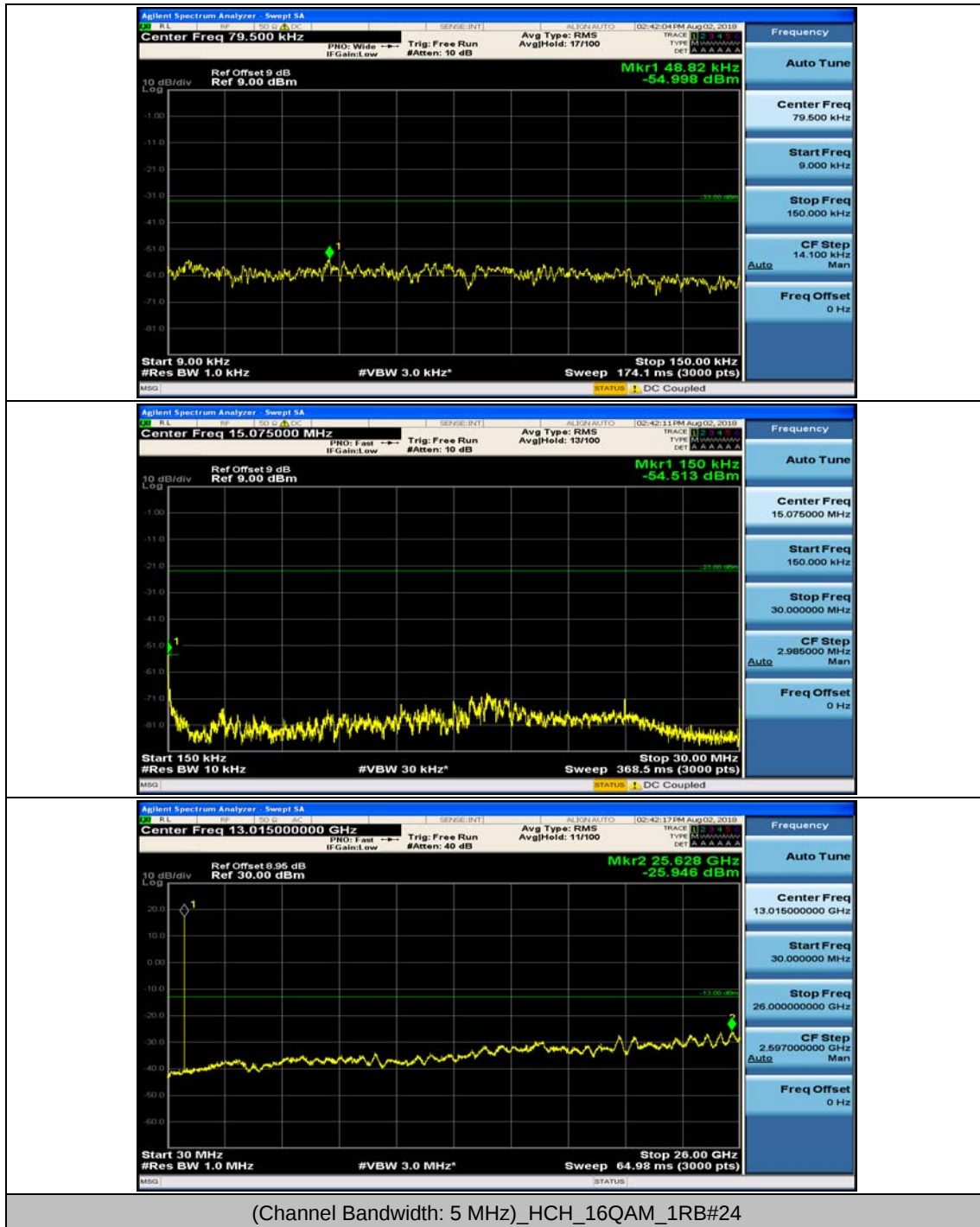


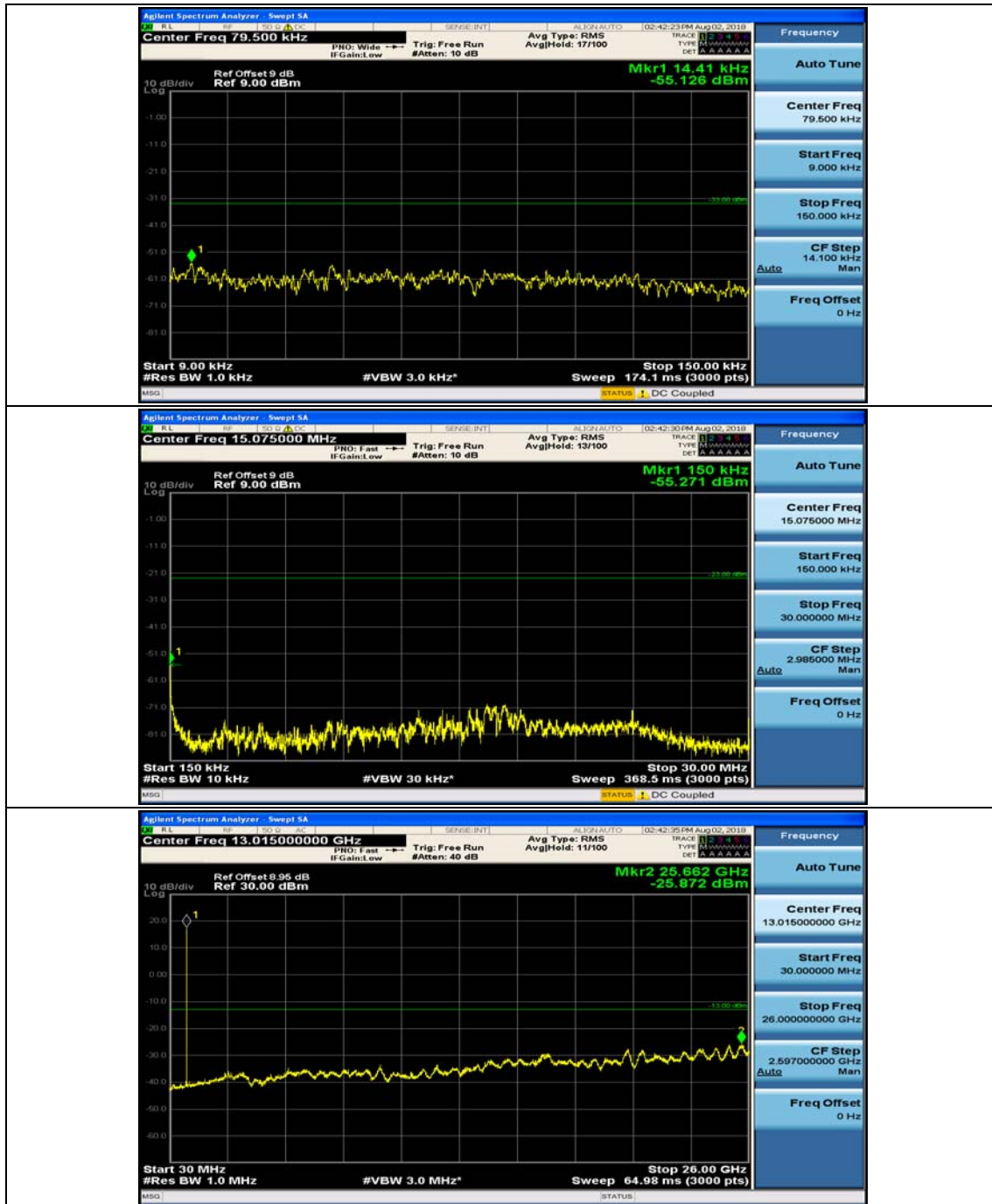


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

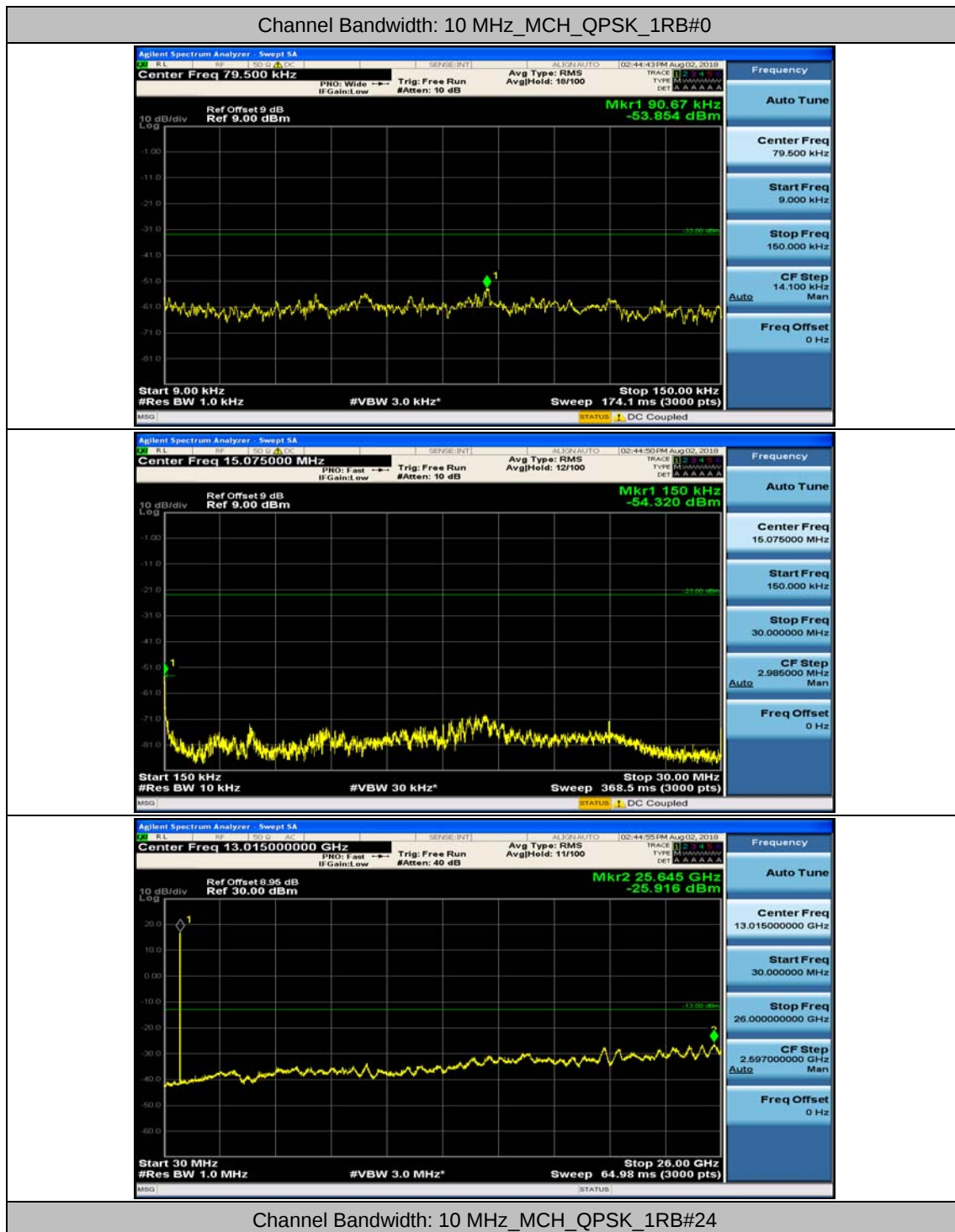


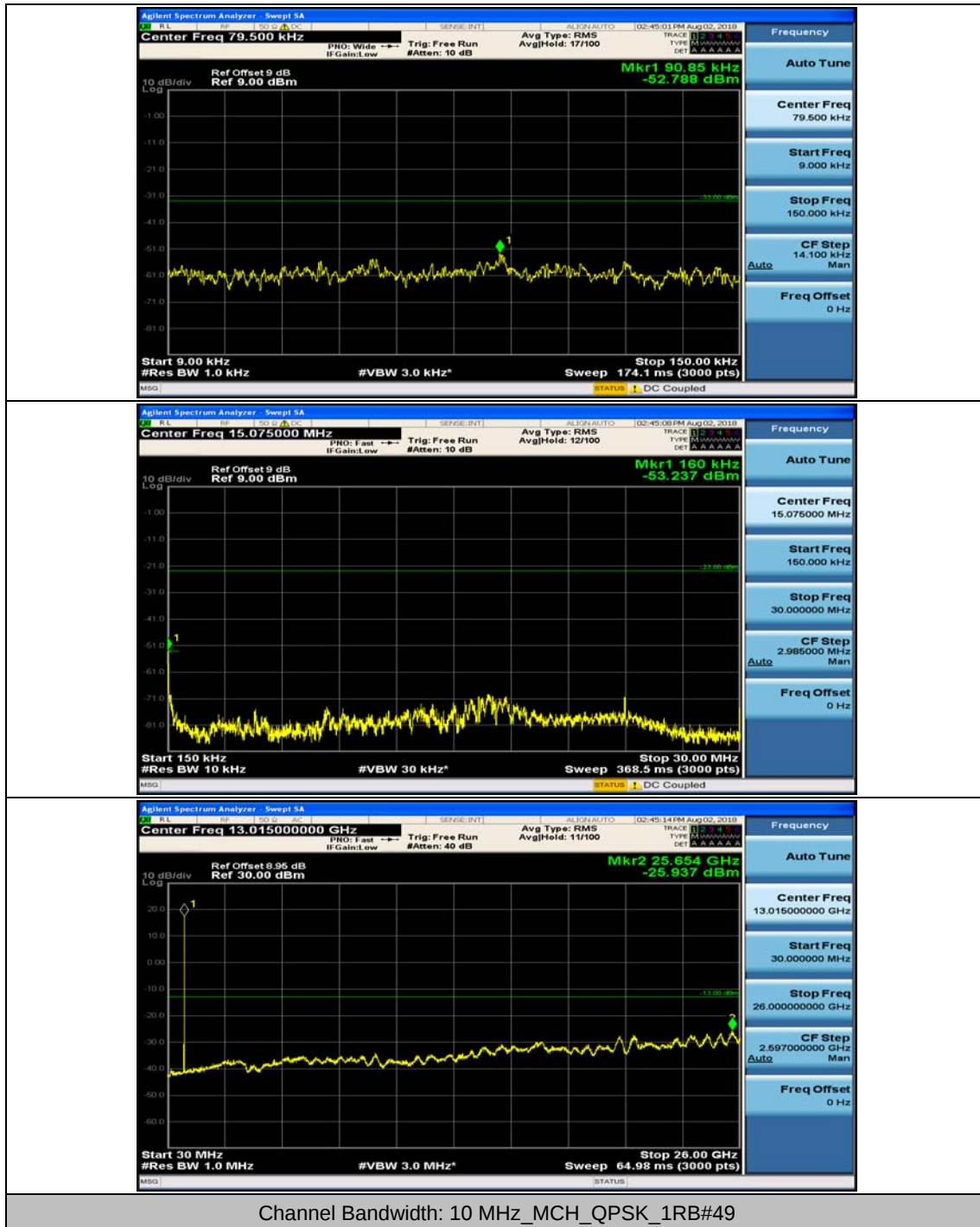
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

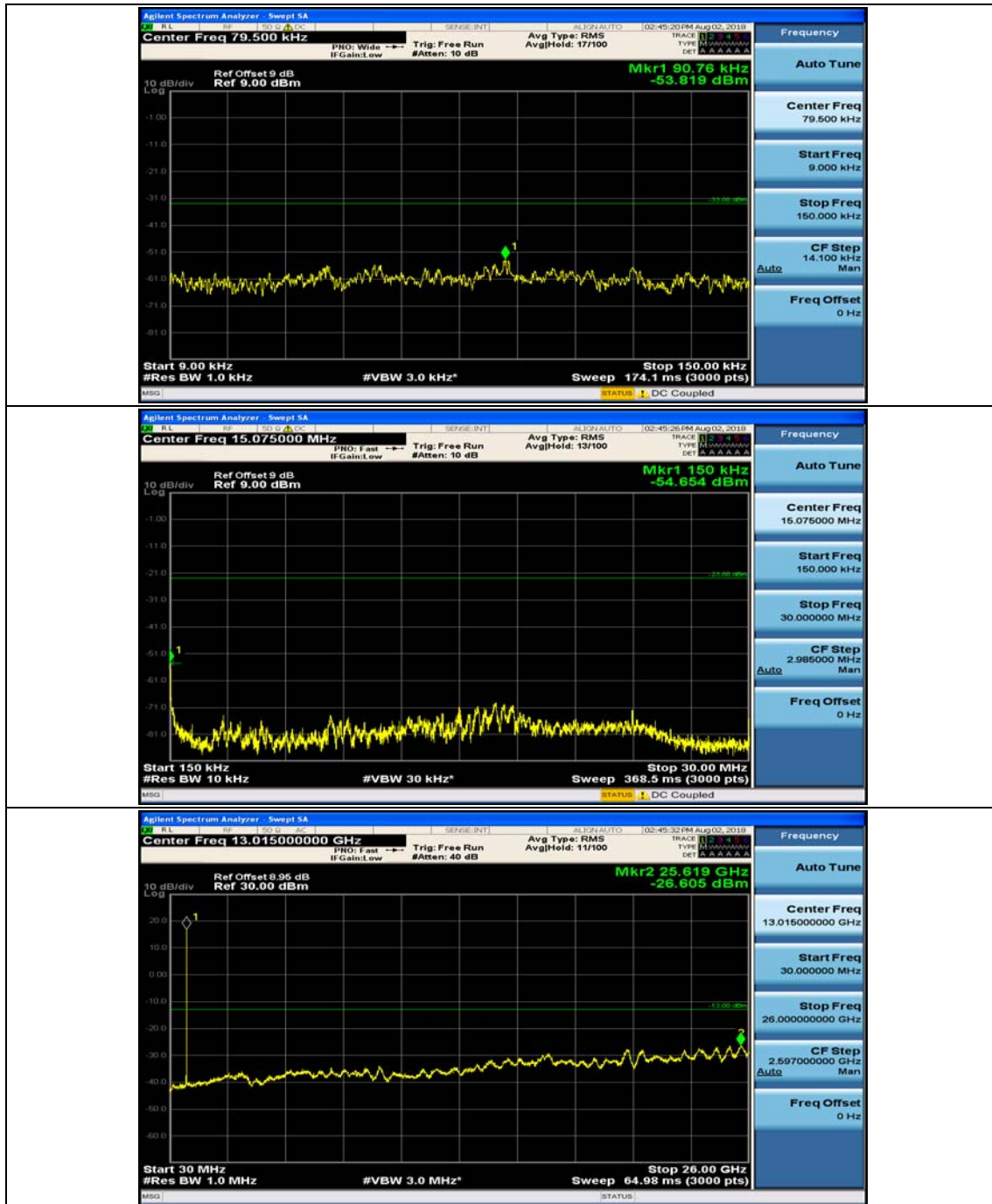




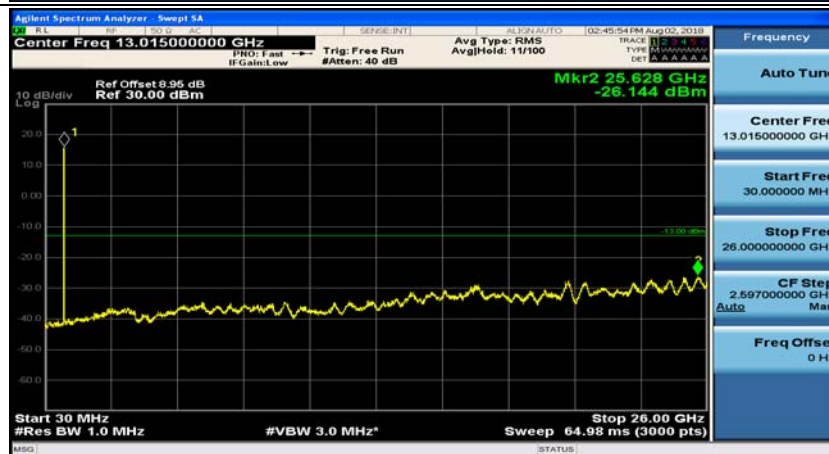
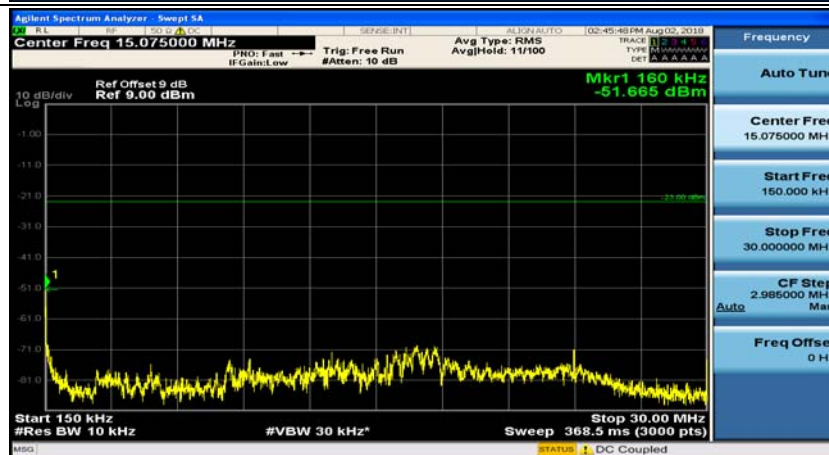
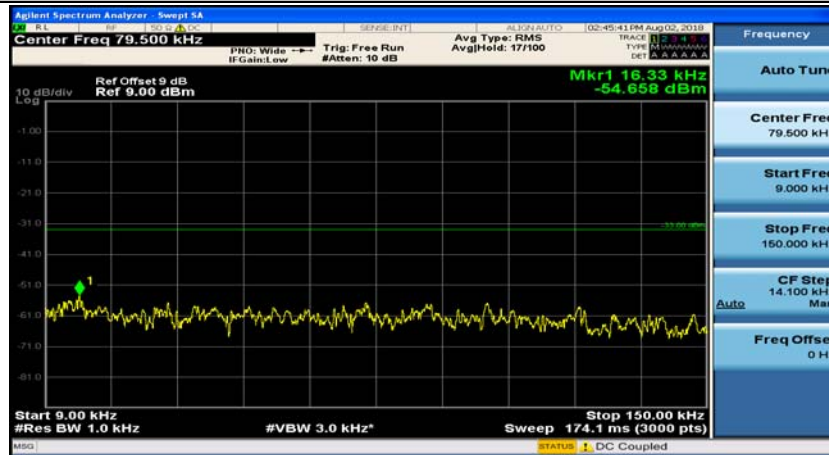
Channel Bandwidth: 10 MHz



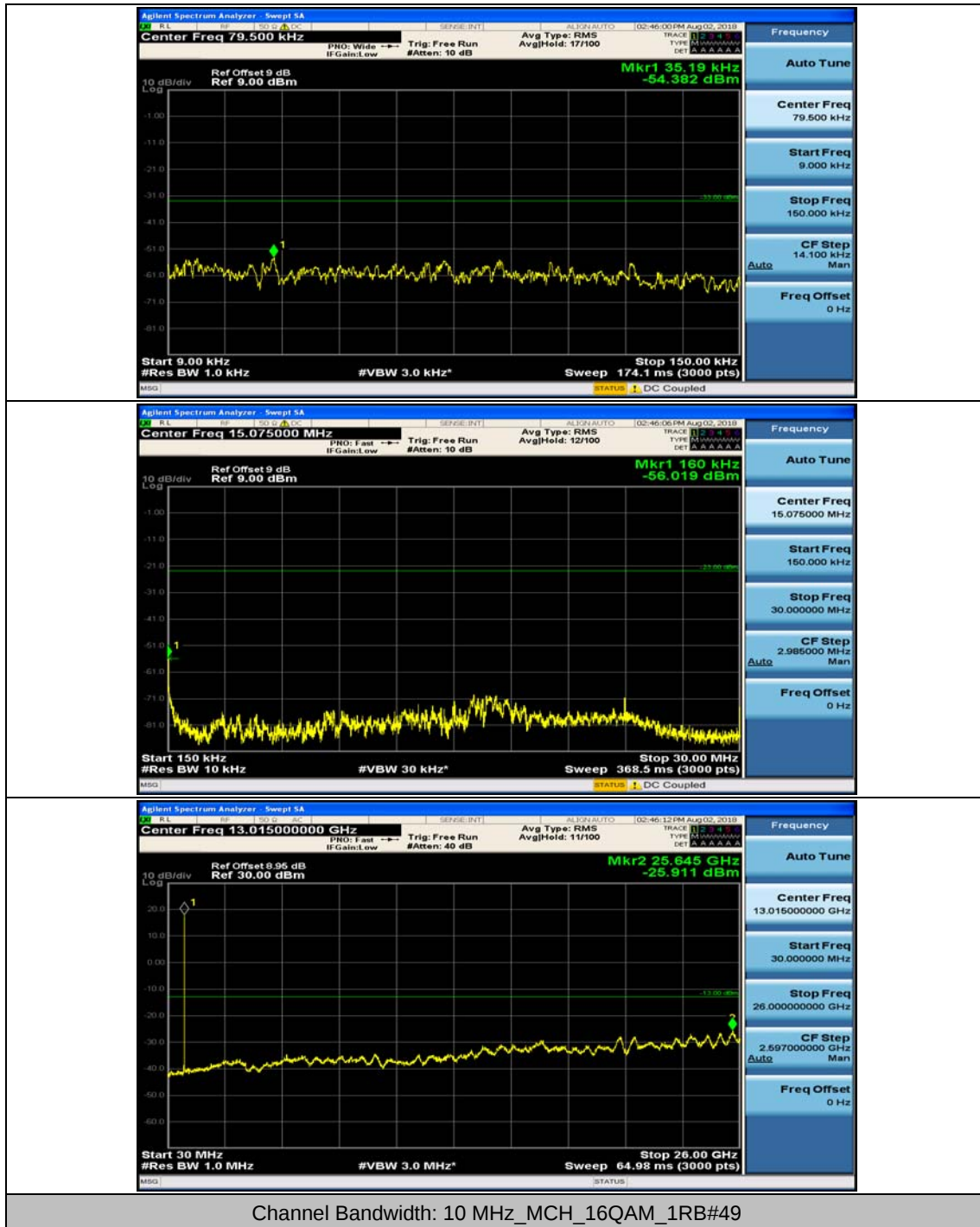


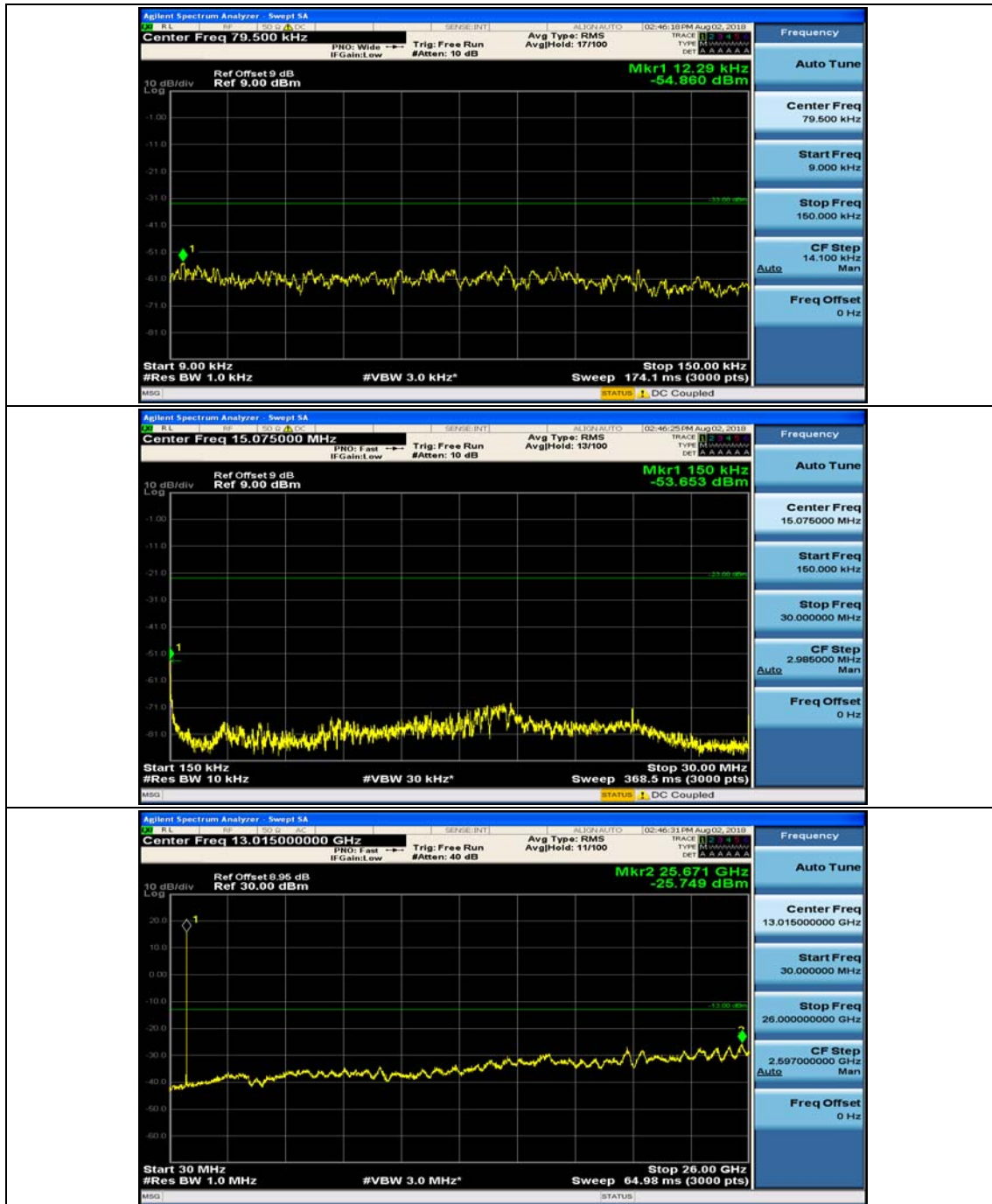


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



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	2.3	0.002951	± 2.5	PASS
		VN	TN	1.03	0.001321	± 2.5	PASS
		VH	TN	4.16	0.005337	± 2.5	PASS
	MCH	VL	TN	2.18	0.002788	± 2.5	PASS
		VN	TN	4.86	0.006215	± 2.5	PASS
		VH	TN	-0.95	-0.001215	± 2.5	PASS
	HCH	VL	TN	1.9	0.002422	± 2.5	PASS
		VN	TN	4.88	0.006221	± 2.5	PASS
		VH	TN	-1.07	-0.001364	± 2.5	PASS
16QAM	LCH	VL	TN	3.69	0.004734	± 2.5	PASS
		VN	TN	2	0.002566	± 2.5	PASS
		VH	TN	4.39	0.005632	± 2.5	PASS
	MCH	VL	TN	0.99	0.001266	± 2.5	PASS
		VN	TN	0.01	0.000013	± 2.5	PASS
		VH	TN	3	0.003836	± 2.5	PASS
	HCH	VL	TN	5	0.006373	± 2.5	PASS
		VN	TN	-1.39	-0.001772	± 2.5	PASS
		VH	TN	3.29	0.004194	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.11	-0.000141	± 2.5	PASS
		VN	-20	-1.34	-0.001719	± 2.5	PASS
		VN	-10	4.12	0.005285	± 2.5	PASS
		VN	0	-0.16	-0.000205	± 2.5	PASS
		VN	10	3.96	0.005080	± 2.5	PASS
		VN	20	-1.69	-0.002168	± 2.5	PASS
		VN	30	1.54	0.001976	± 2.5	PASS
		VN	40	-0.09	-0.000115	± 2.5	PASS
		VN	50	2.78	0.003566	± 2.5	PASS
	MCH	VN	-30	4.69	0.005997	± 2.5	PASS

		VN	-20	-0.72	-0.000921	± 2.5	PASS
		VN	-10	1.81	0.002315	± 2.5	PASS
		VN	0	0.33	0.000422	± 2.5	PASS
		VN	10	3.2	0.004092	± 2.5	PASS
		VN	20	-0.73	-0.000934	± 2.5	PASS
		VN	30	-0.68	-0.000870	± 2.5	PASS
		VN	40	2.99	0.003824	± 2.5	PASS
		VN	50	2.91	0.003721	± 2.5	PASS
	HCH	VN	-30	2.89	0.003684	± 2.5	PASS
		VN	-20	1.25	0.001593	± 2.5	PASS
		VN	-10	-0.6	-0.000765	± 2.5	PASS
		VN	0	-0.73	-0.000931	± 2.5	PASS
		VN	10	2.74	0.003493	± 2.5	PASS
		VN	20	3.89	0.004959	± 2.5	PASS
		VN	30	1.75	0.002231	± 2.5	PASS
		VN	40	0.05	0.000064	± 2.5	PASS
16QAM	LCH	VN	-30	2.67	0.003425	± 2.5	PASS
		VN	-20	2.52	0.003233	± 2.5	PASS
		VN	-10	-0.74	-0.000949	± 2.5	PASS
		VN	0	4.37	0.005606	± 2.5	PASS
		VN	10	3.84	0.004926	± 2.5	PASS
		VN	20	1.71	0.002194	± 2.5	PASS
		VN	30	4.9	0.006286	± 2.5	PASS
		VN	40	-1.66	-0.002130	± 2.5	PASS
		VN	50	0.53	0.000680	± 2.5	PASS
	MCH	VN	-30	4.24	0.005422	± 2.5	PASS
		VN	-20	2.62	0.003350	± 2.5	PASS
		VN	-10	4.52	0.005780	± 2.5	PASS
		VN	0	3.19	0.004079	± 2.5	PASS
		VN	10	1.74	0.002225	± 2.5	PASS
		VN	20	4.33	0.005537	± 2.5	PASS
		VN	30	2.53	0.003235	± 2.5	PASS
		VN	40	-0.69	-0.000882	± 2.5	PASS
		VN	50	3.57	0.004565	± 2.5	PASS
	HCH	VN	-30	1.63	0.002078	± 2.5	PASS
		VN	-20	-0.53	-0.000676	± 2.5	PASS
		VN	-10	3.82	0.004869	± 2.5	PASS
		VN	0	3	0.003824	± 2.5	PASS
		VN	10	-1.57	-0.002001	± 2.5	PASS
		VN	20	3.62	0.004614	± 2.5	PASS

		VN	30	-0.82	-0.001045	± 2.5	PASS
		VN	40	3.67	0.004678	± 2.5	PASS
		VN	50	1.35	0.001721	± 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	4.44	0.005678	± 2.5	PASS
		VN	TN	1.08	0.001381	± 2.5	PASS
		VH	TN	-0.73	-0.000934	± 2.5	PASS
16QAM	MCH	VL	TN	4.41	0.005639	± 2.5	PASS
		VN	TN	0.56	0.000716	± 2.5	PASS
		VH	TN	2.64	0.003376	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	MCH	VN	-30	2.76	0.003529	± 2.5	PASS
		VN	-20	3.49	0.004463	± 2.5	PASS
		VN	-10	0.54	0.000691	± 2.5	PASS
		VN	0	2.38	0.003043	± 2.5	PASS
		VN	10	4.16	0.005320	± 2.5	PASS
		VN	20	2.39	0.003056	± 2.5	PASS
		VN	30	1.43	0.001829	± 2.5	PASS
		VN	40	-1.64	-0.002097	± 2.5	PASS
		VN	50	2.27	0.002903	± 2.5	PASS
16QAM	MCH	VN	-30	3.16	0.004041	± 2.5	PASS
		VN	-20	-0.55	-0.000703	± 2.5	PASS
		VN	-10	0.45	0.000575	± 2.5	PASS
		VN	0	1.42	0.001816	± 2.5	PASS
		VN	10	-1.78	-0.002276	± 2.5	PASS
		VN	20	0.32	0.000409	± 2.5	PASS
		VN	30	4.7	0.006010	± 2.5	PASS
		VN	40	0.68	0.000870	± 2.5	PASS
		VN	50	4.46	0.005703	± 2.5	PASS