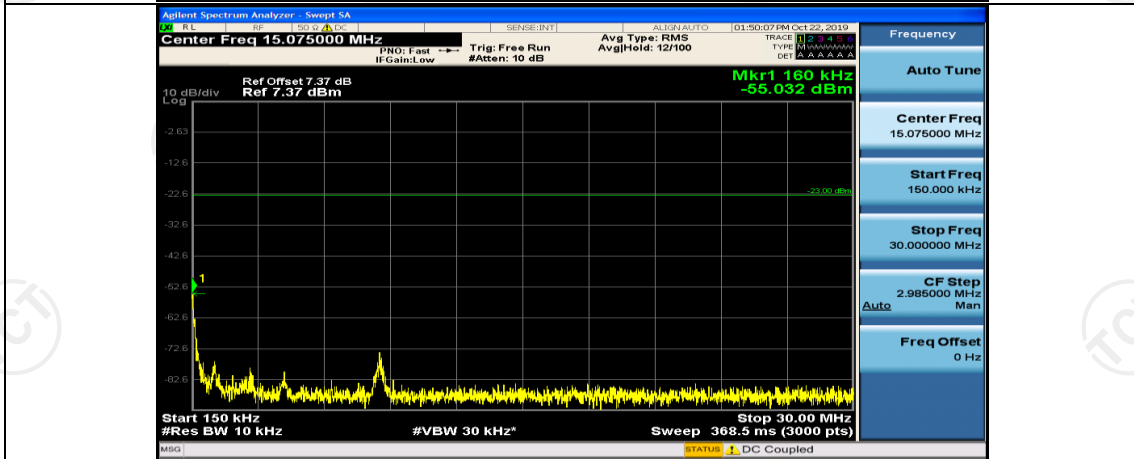
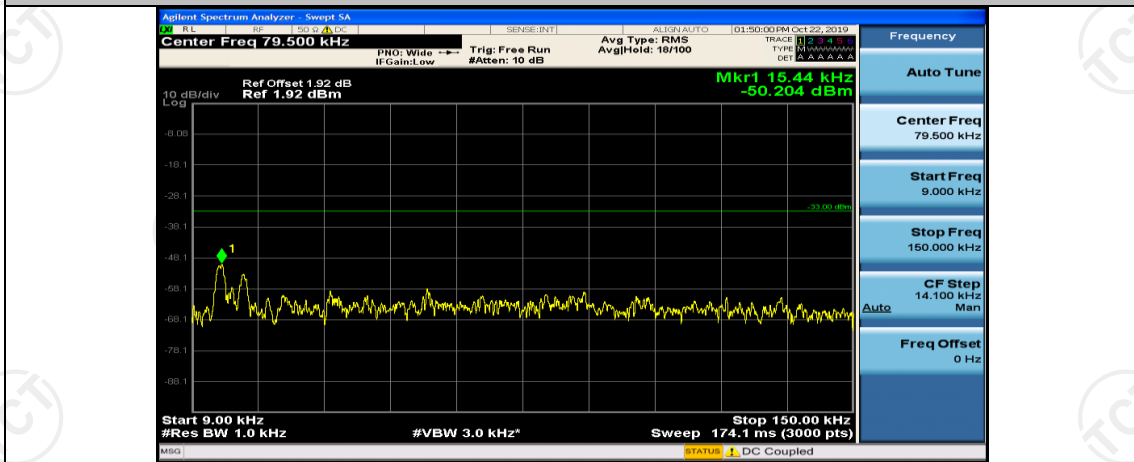
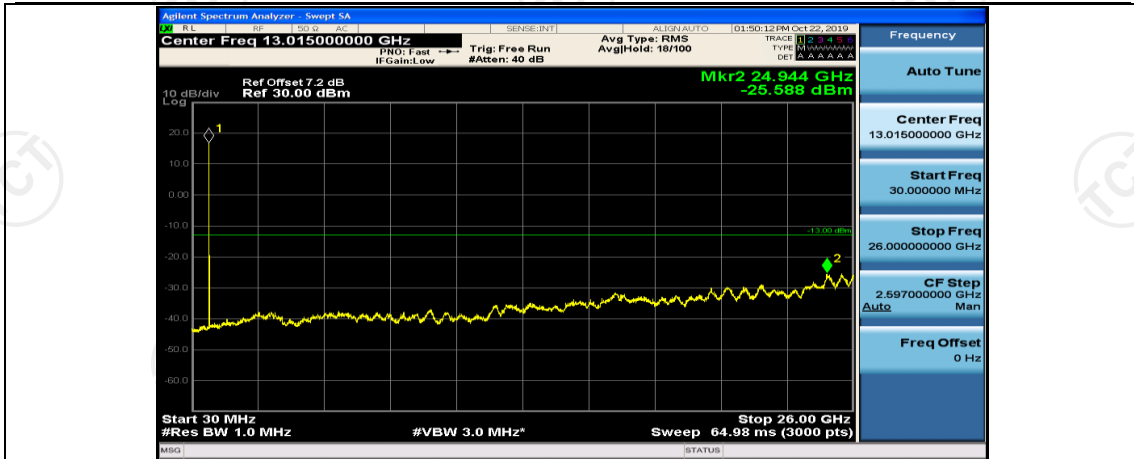
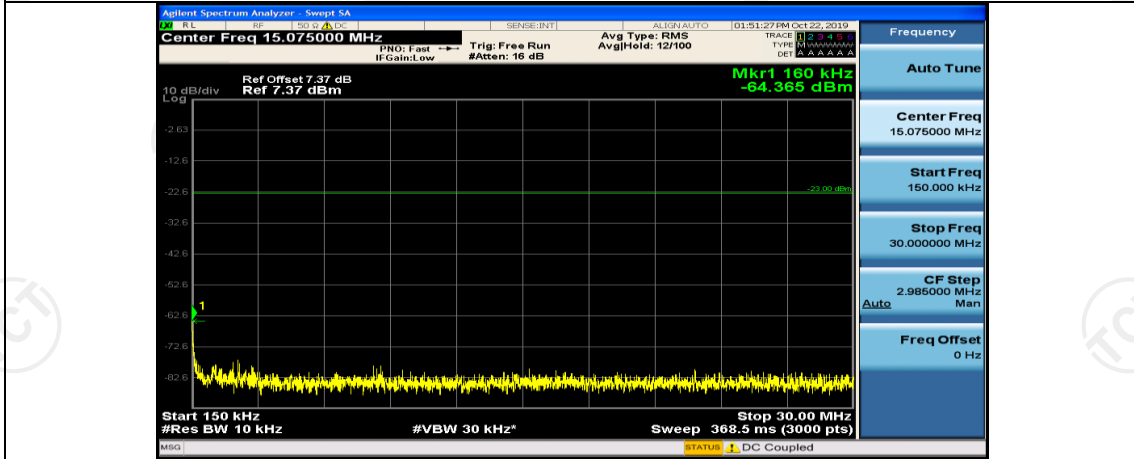
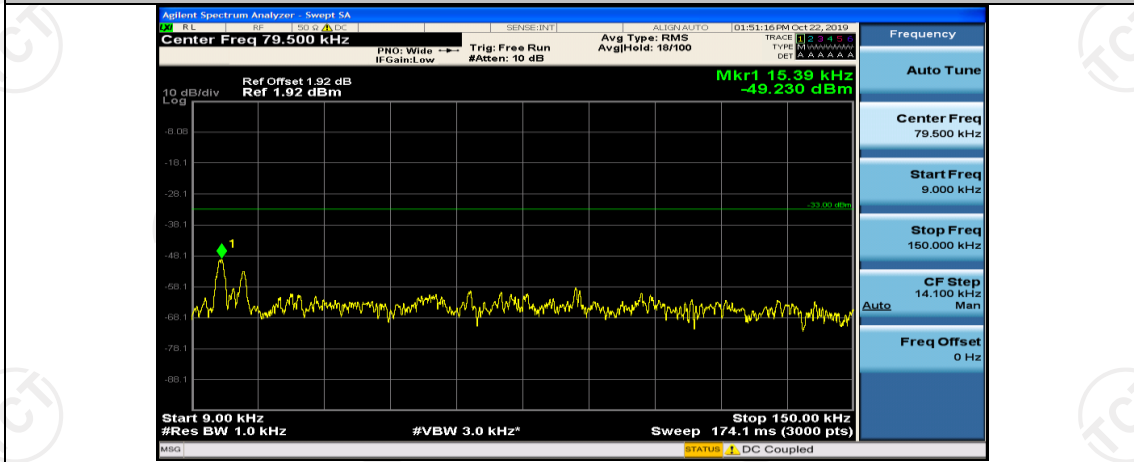


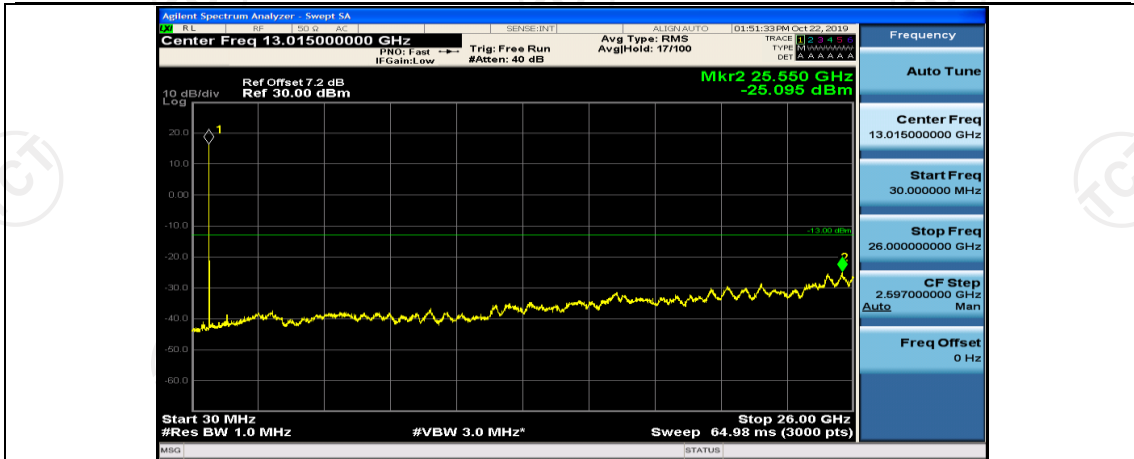
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



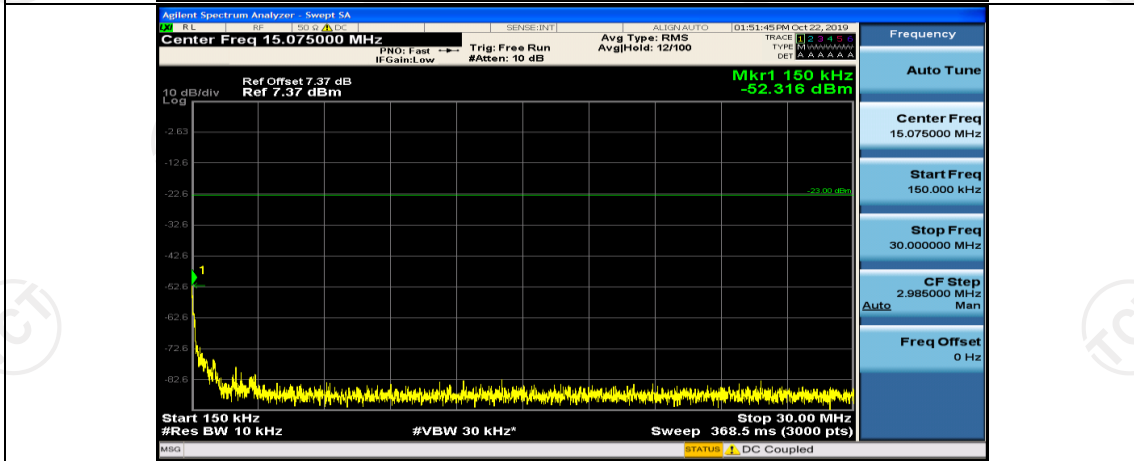
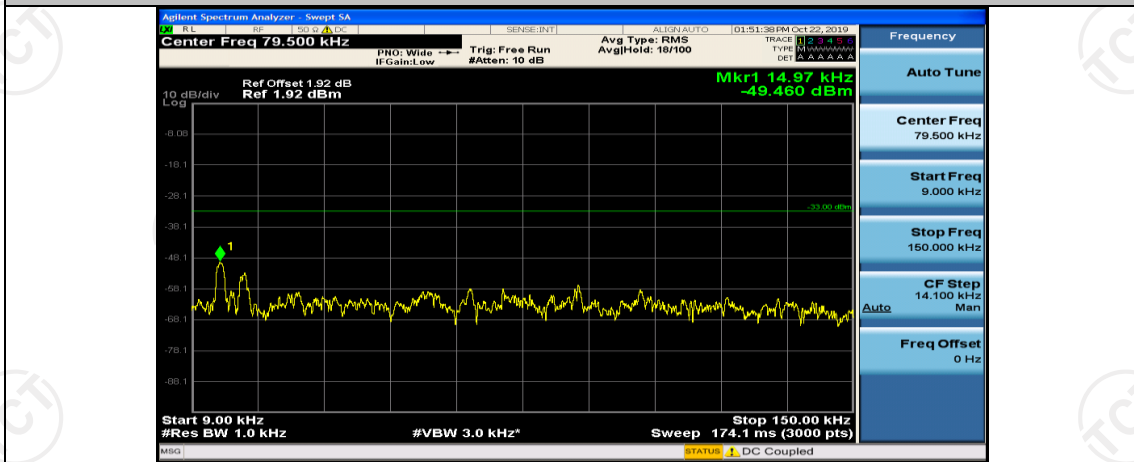


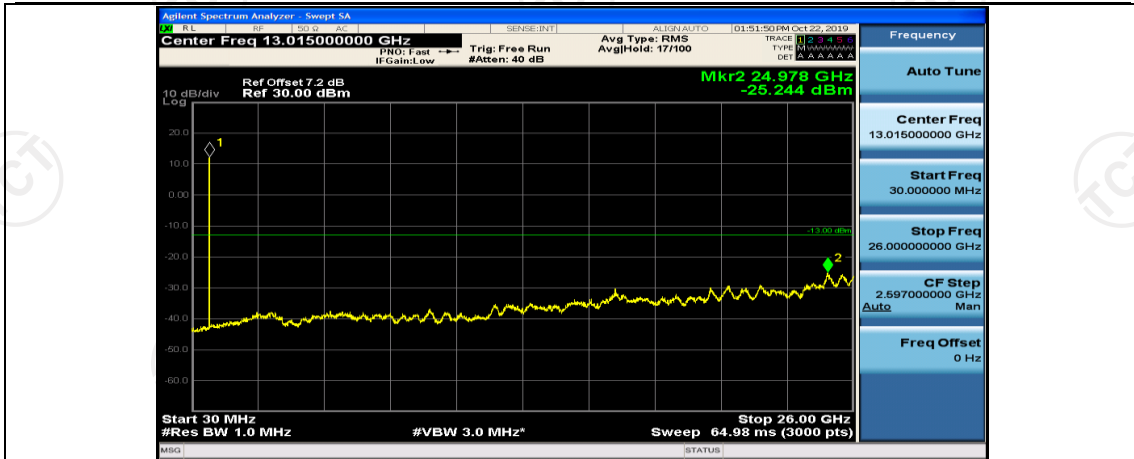
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



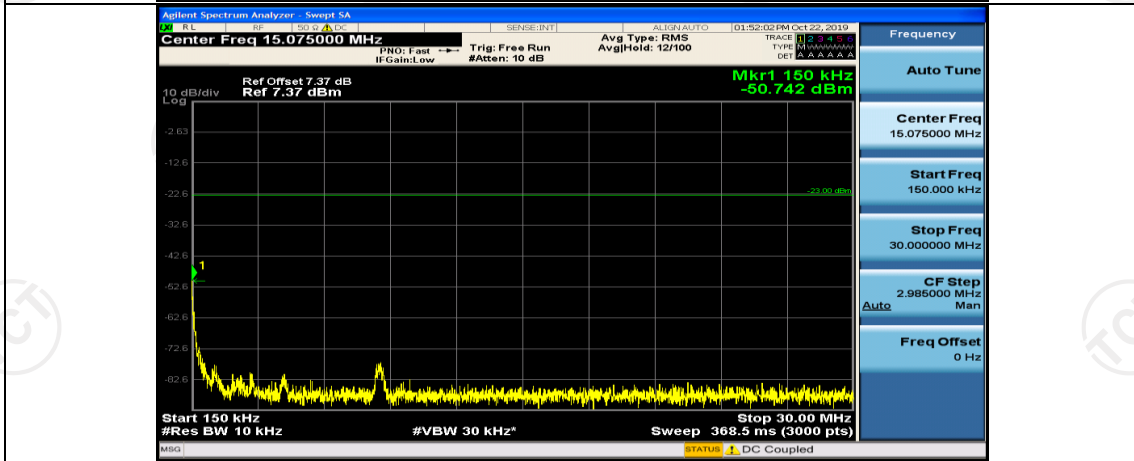
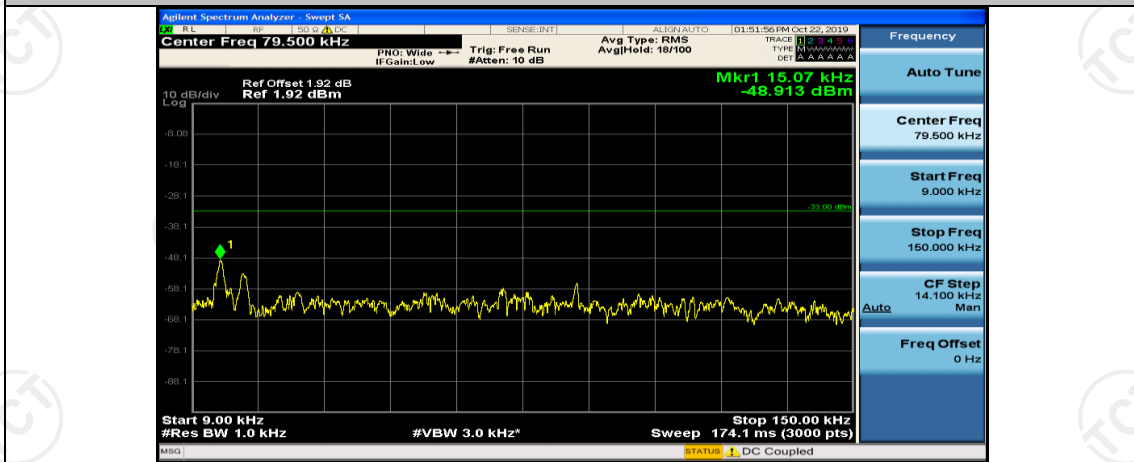


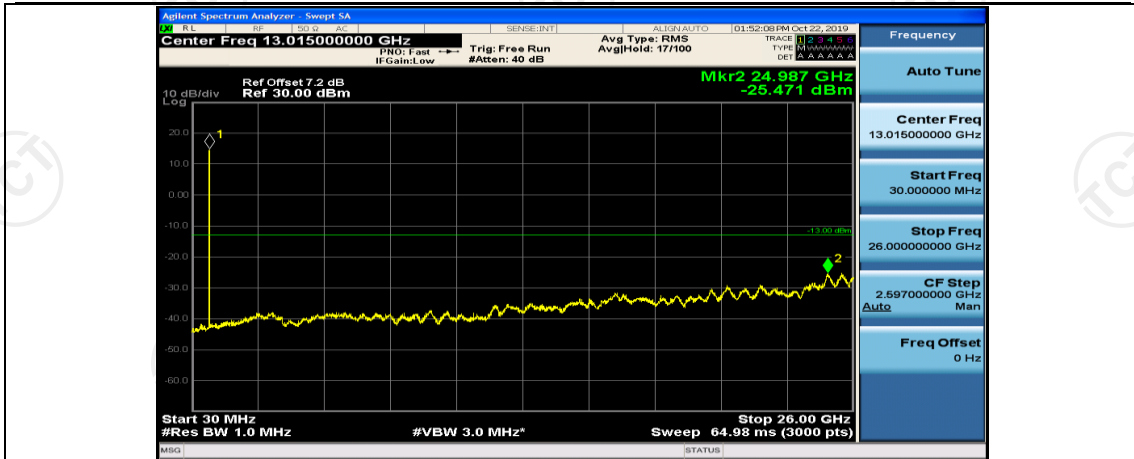
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



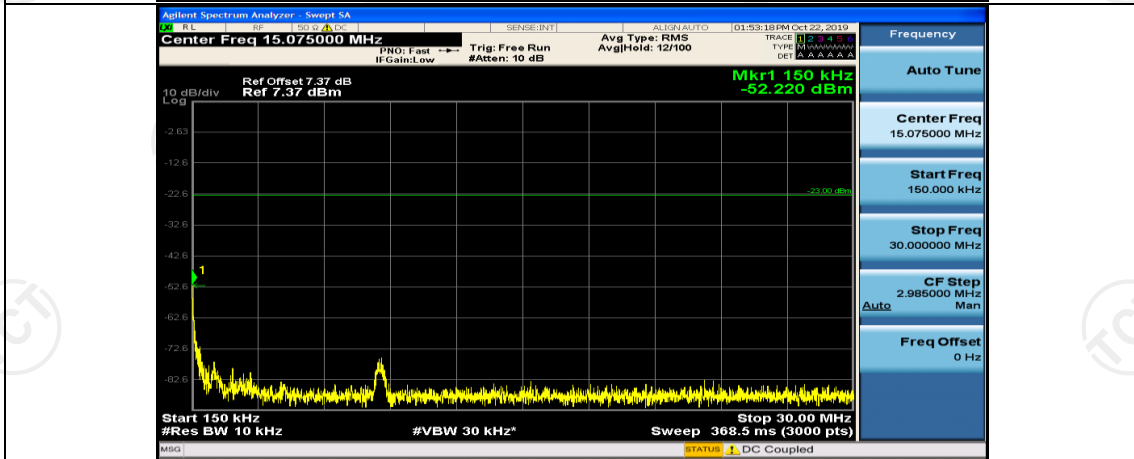
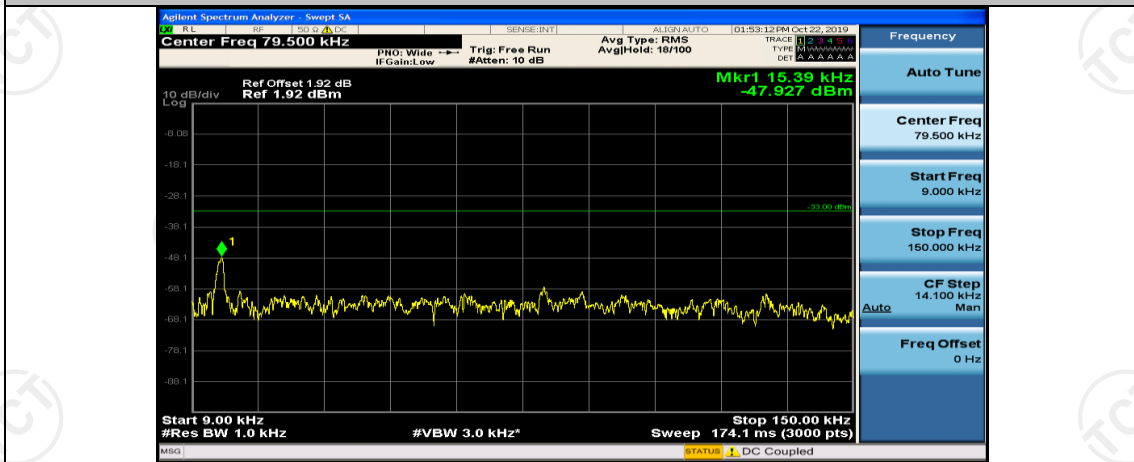


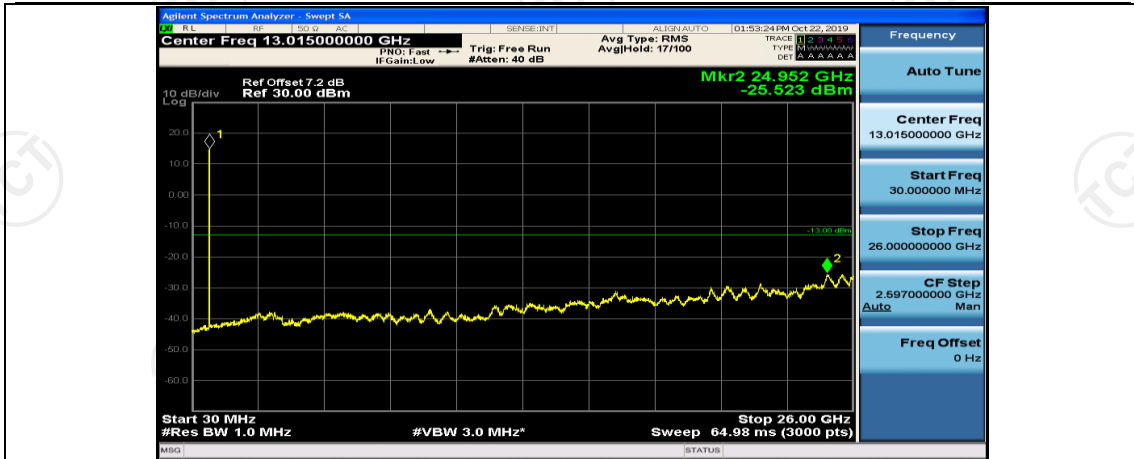
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



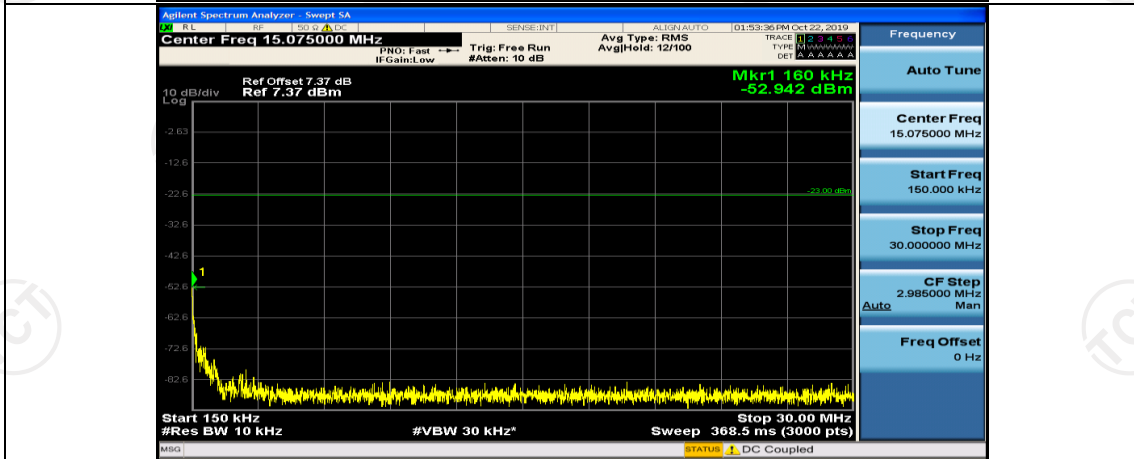
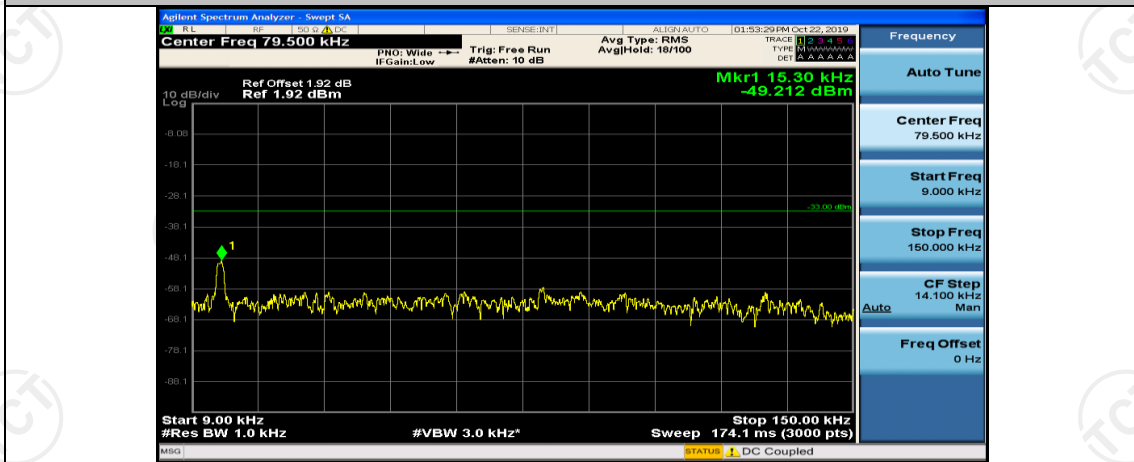


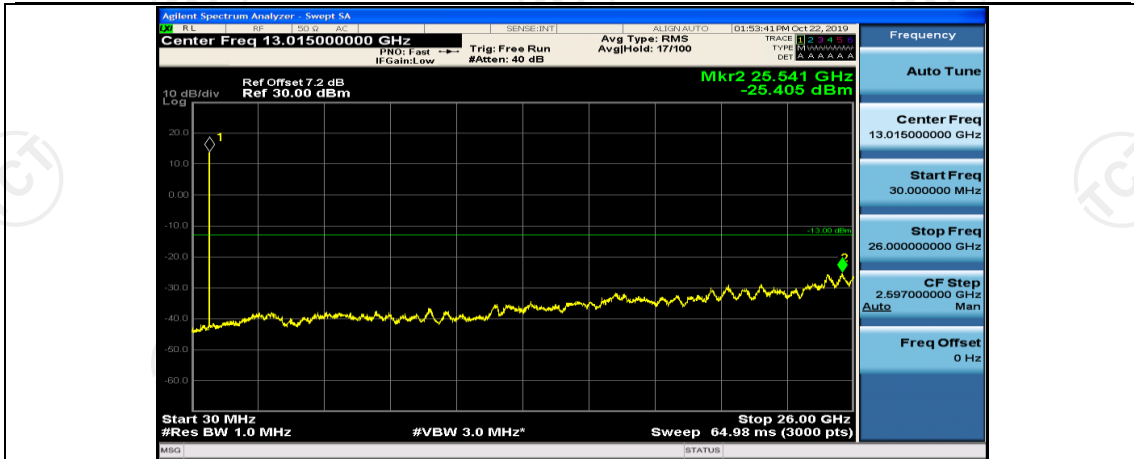
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



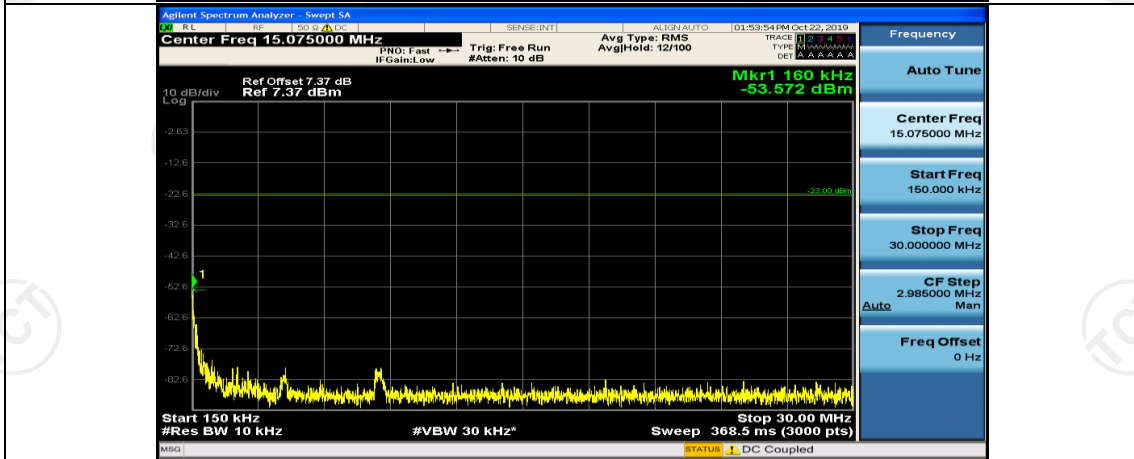
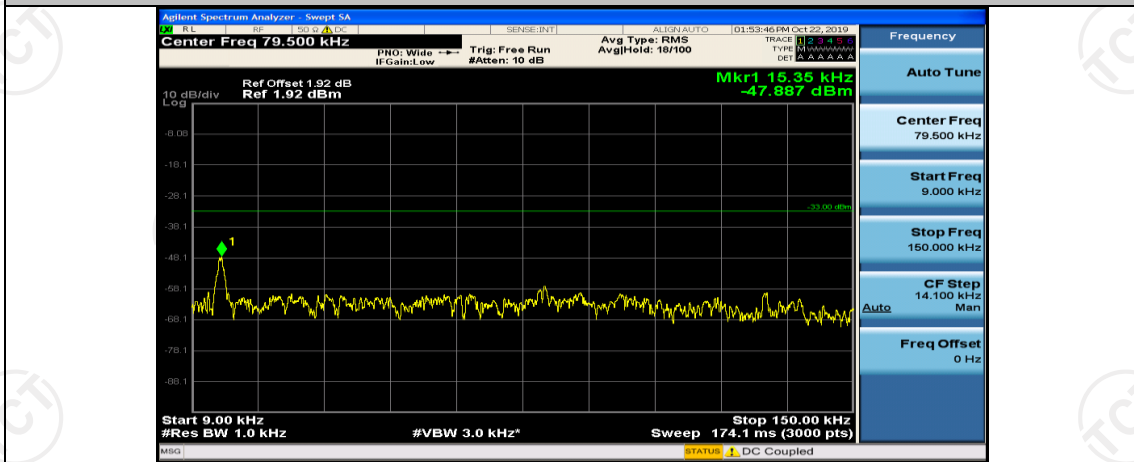


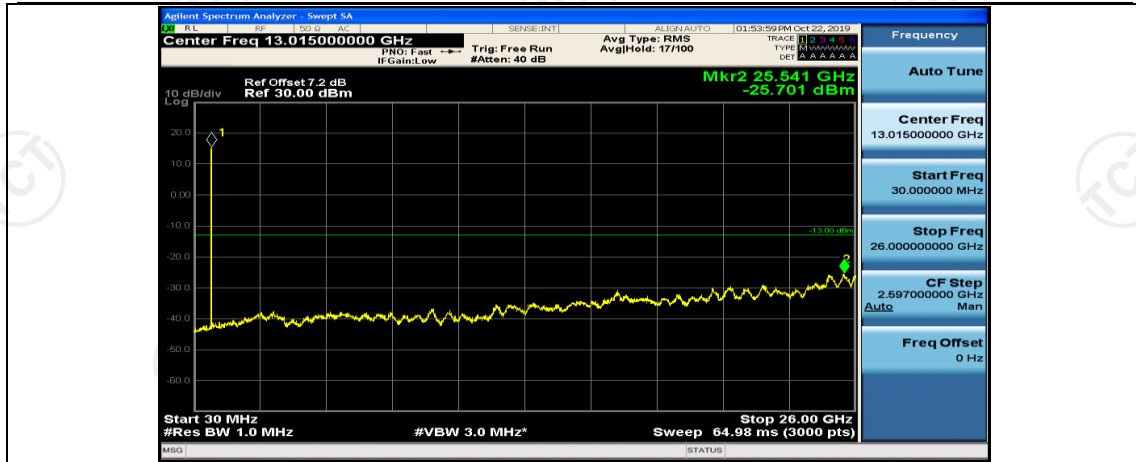
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



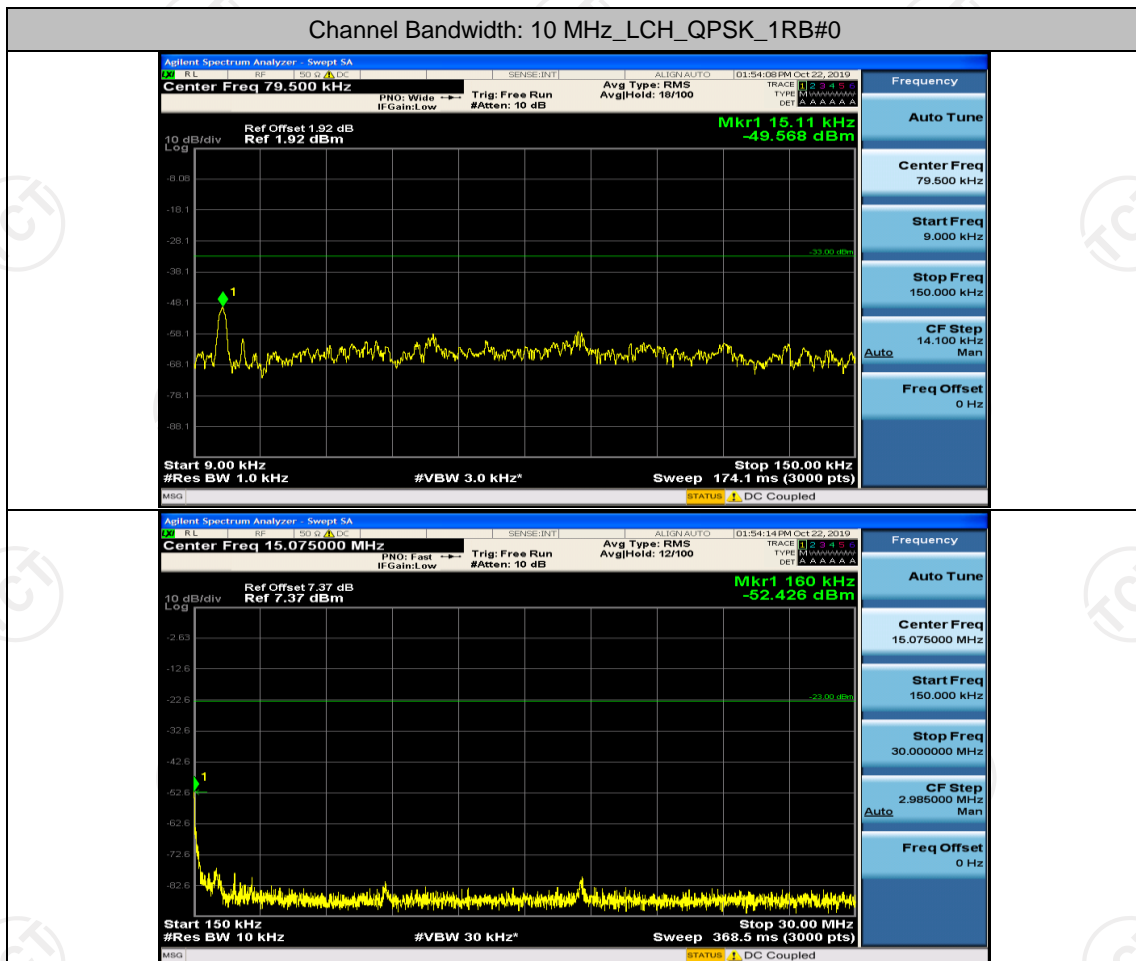


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



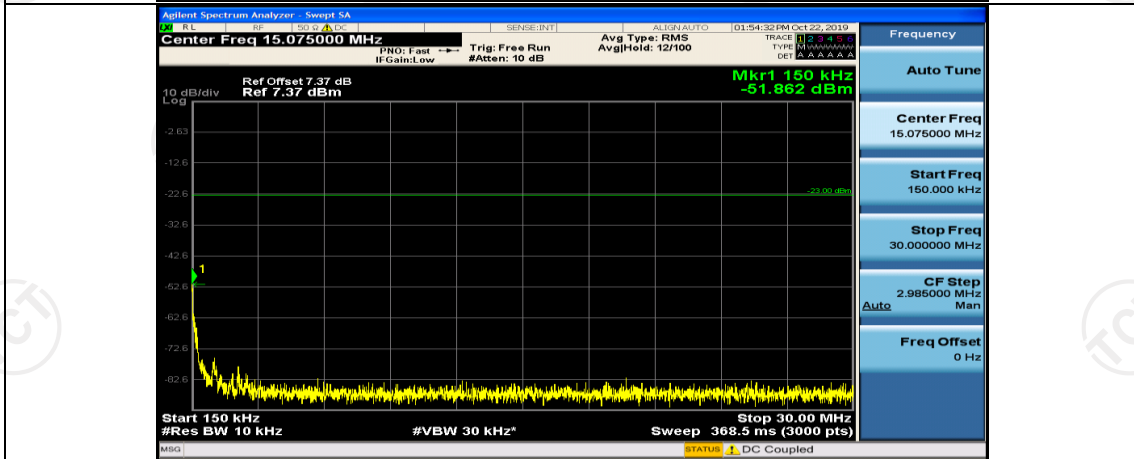
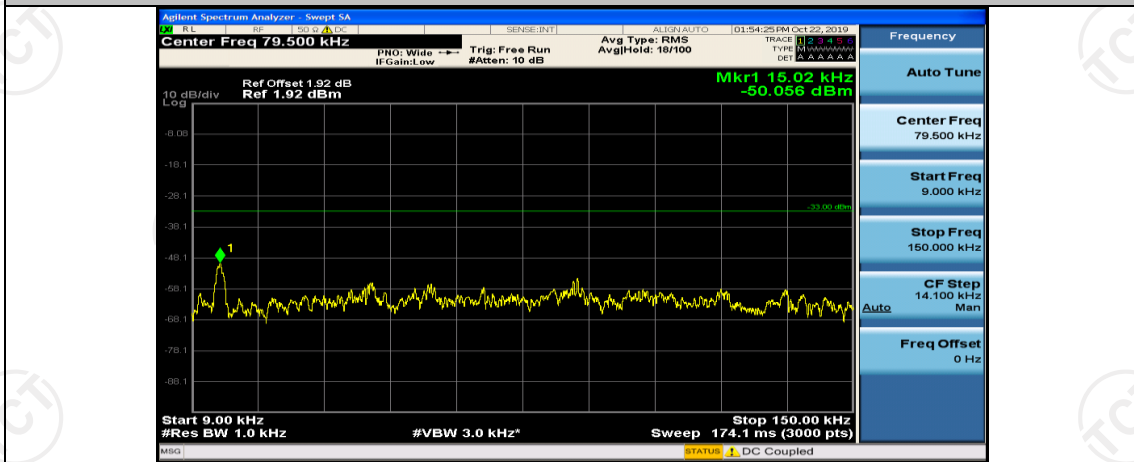


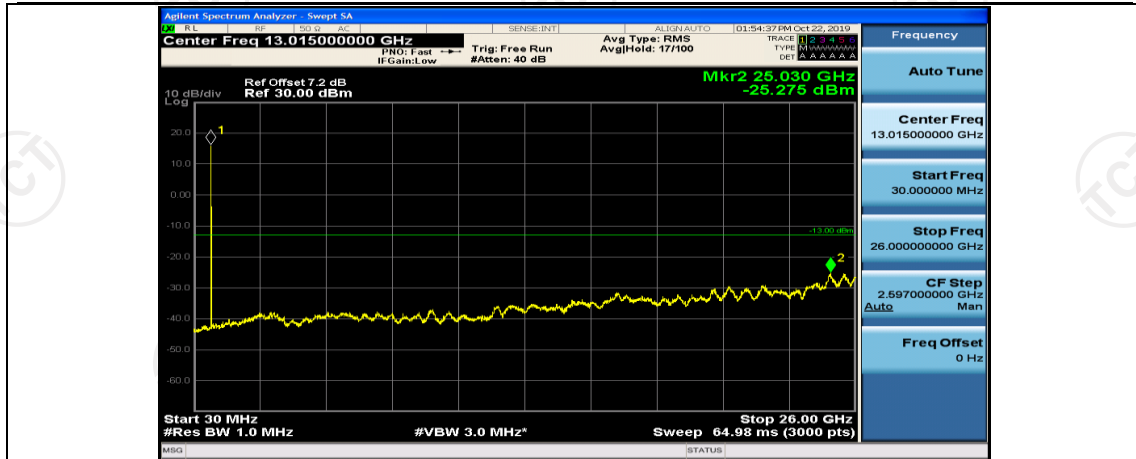
Channel Bandwidth: 10 MHz



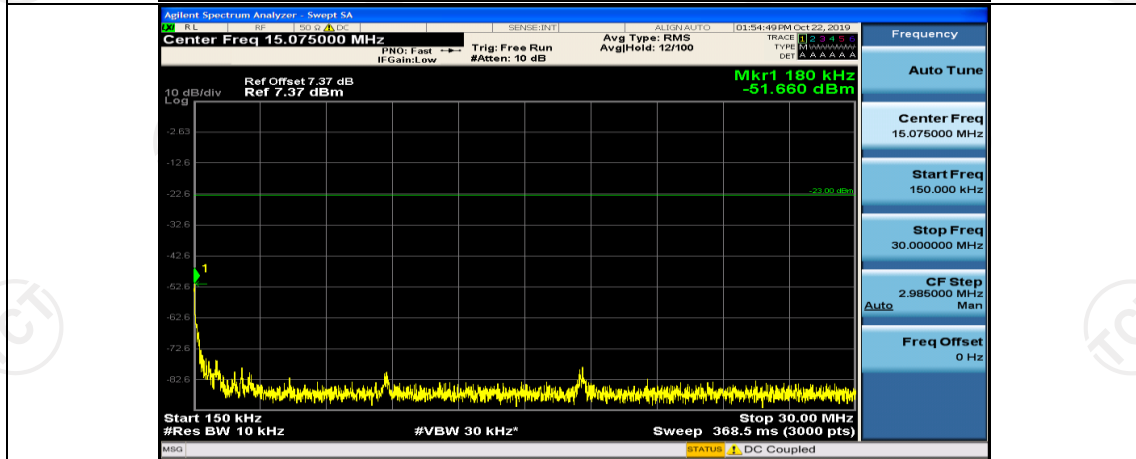
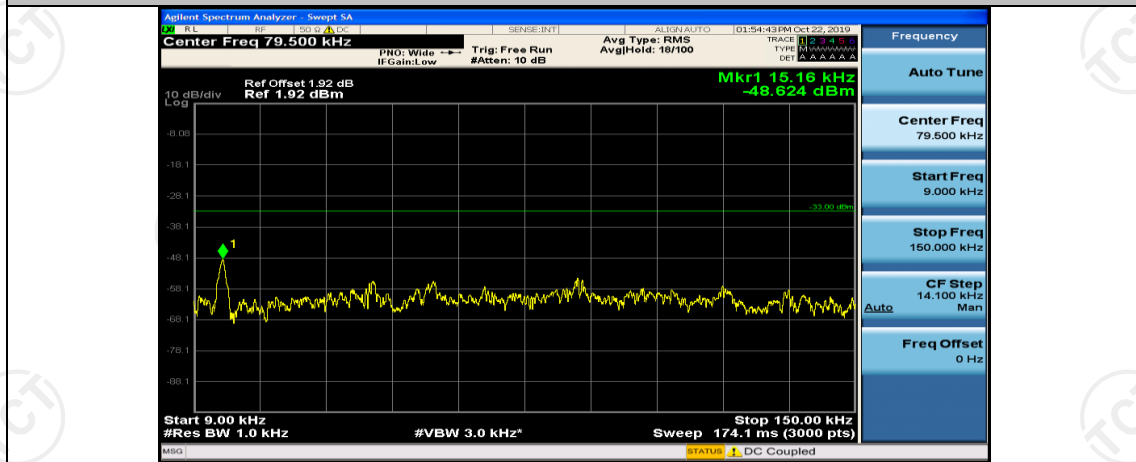


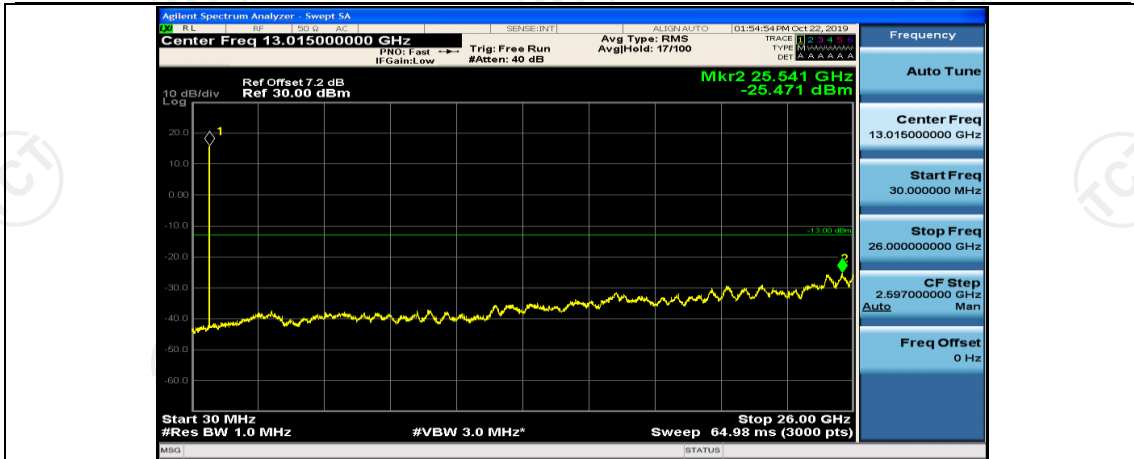
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



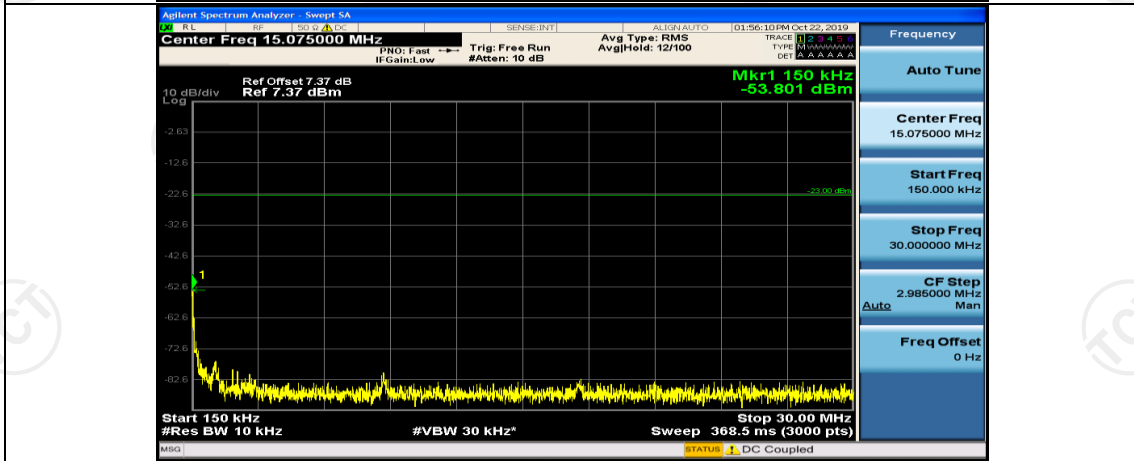
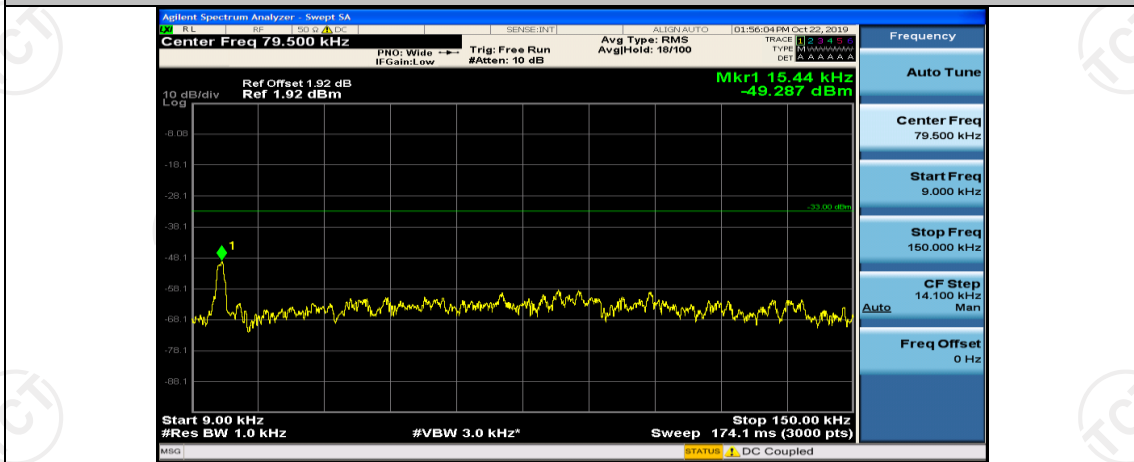


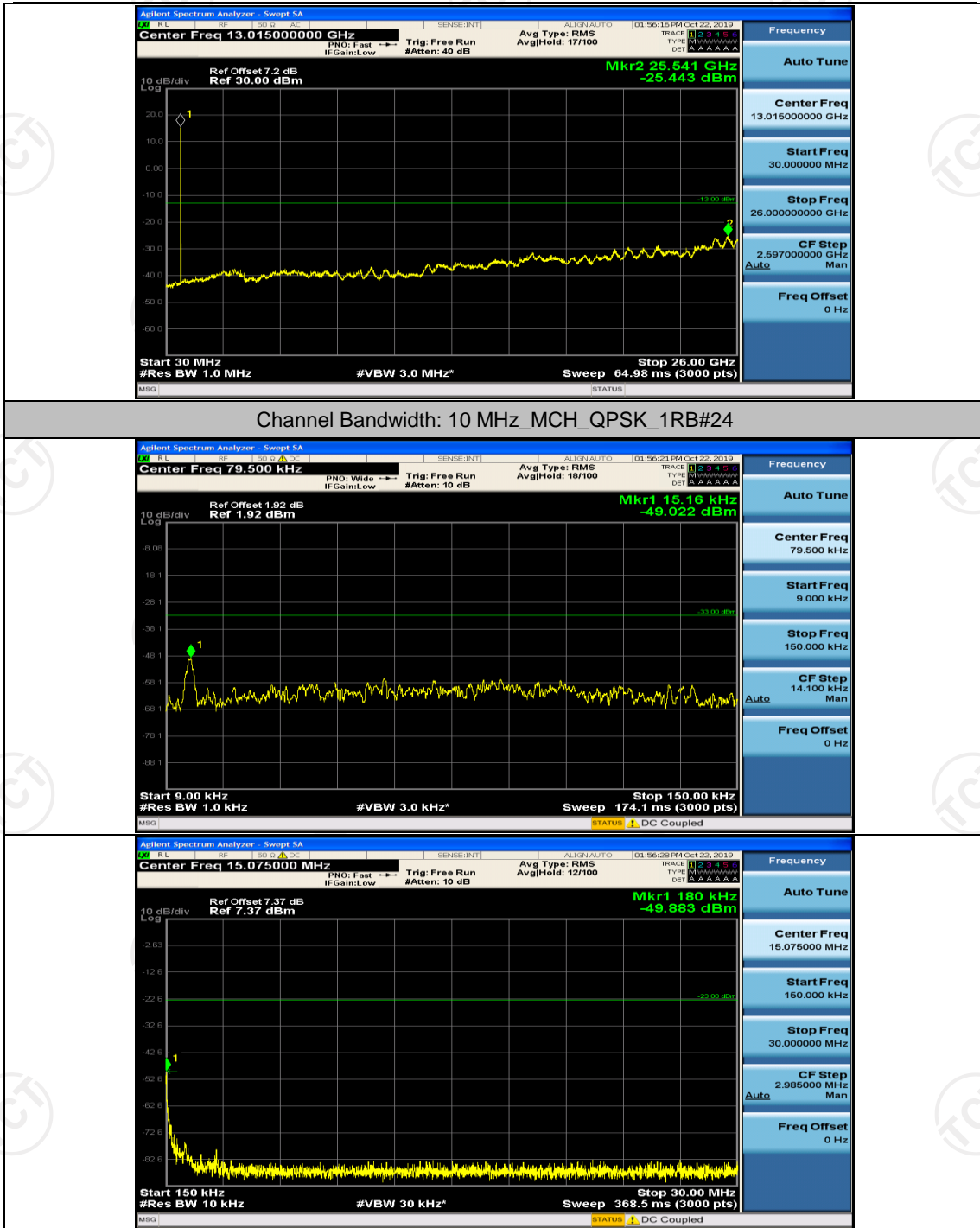
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49

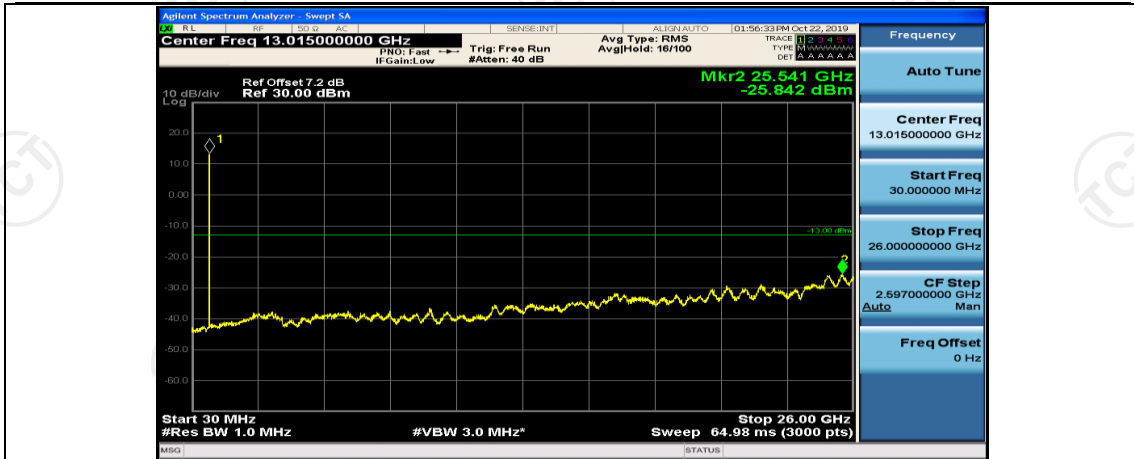




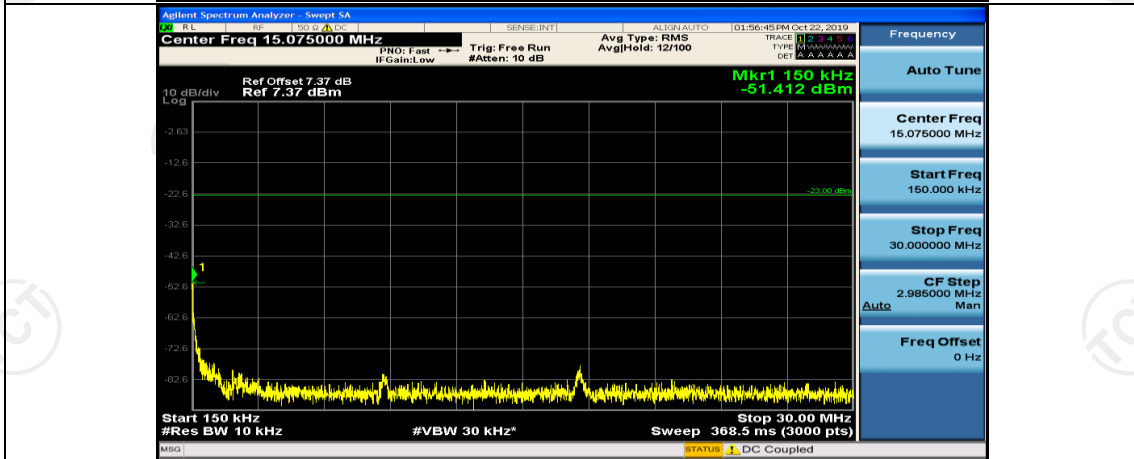
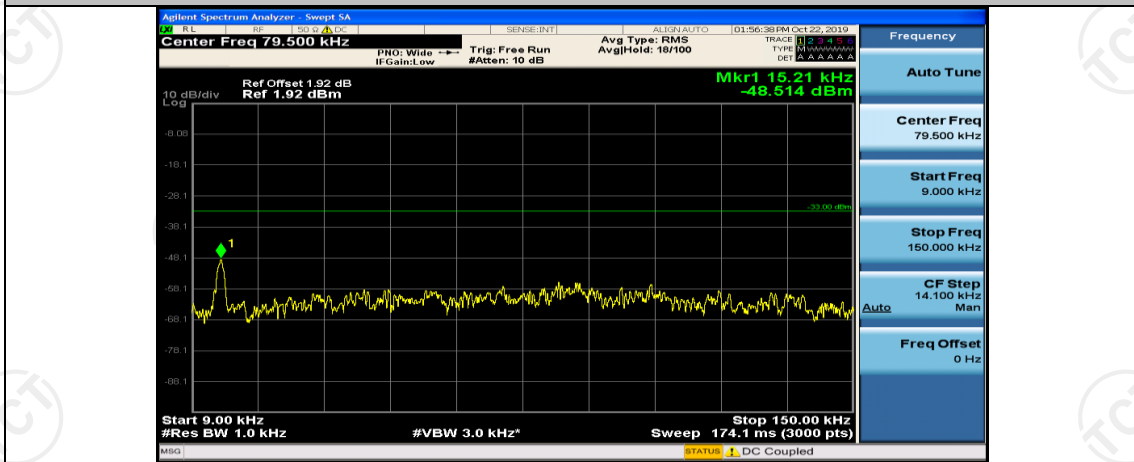
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

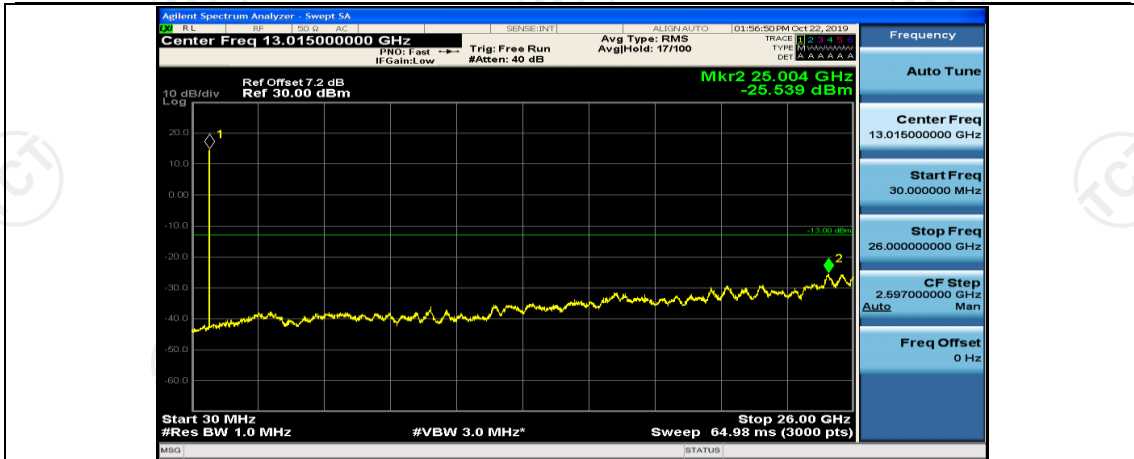




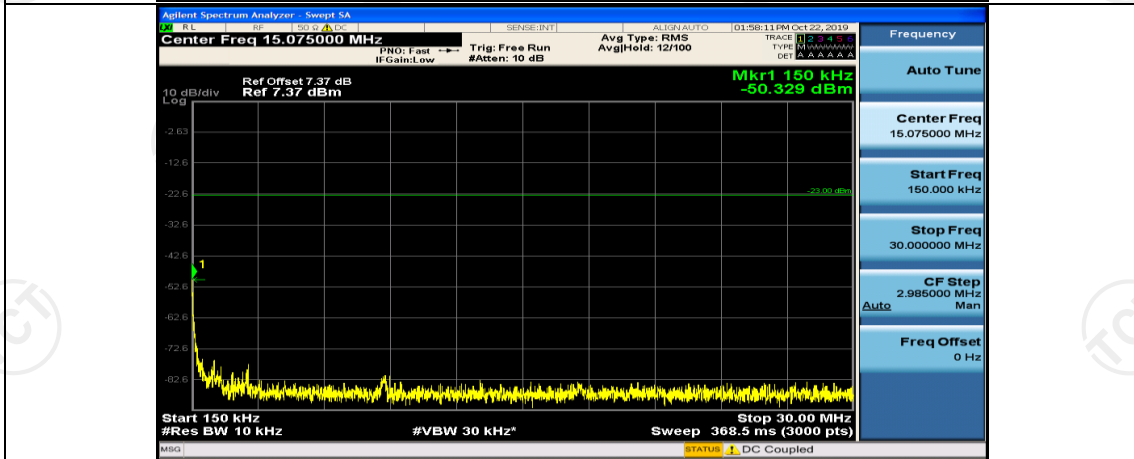
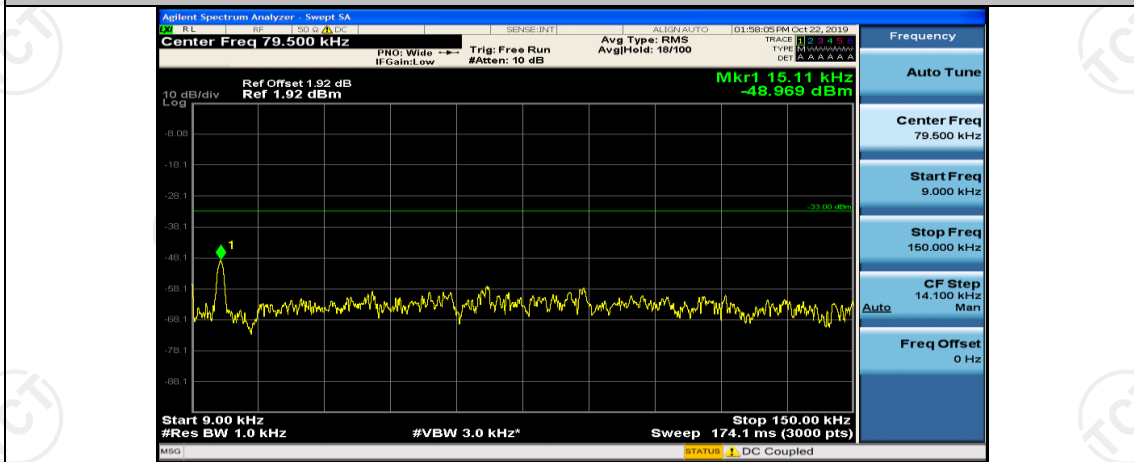


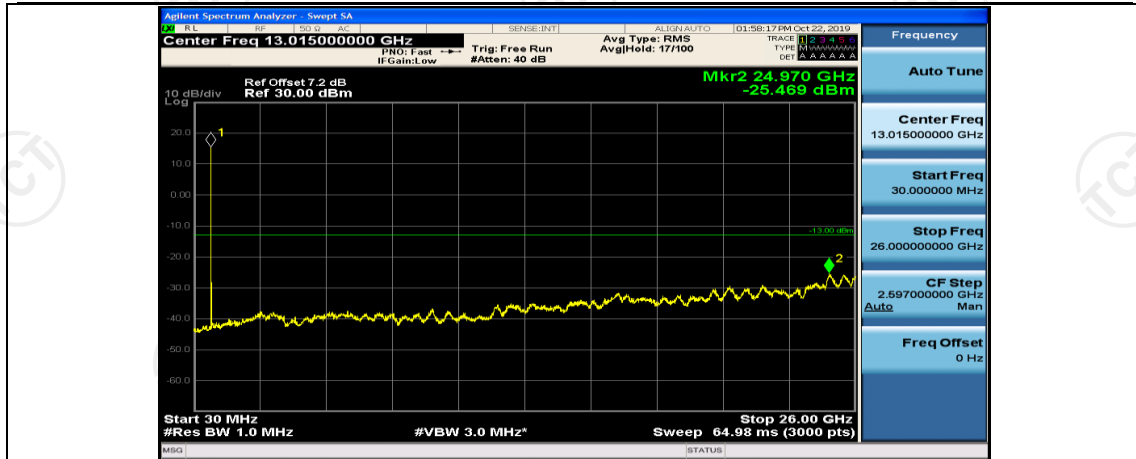
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



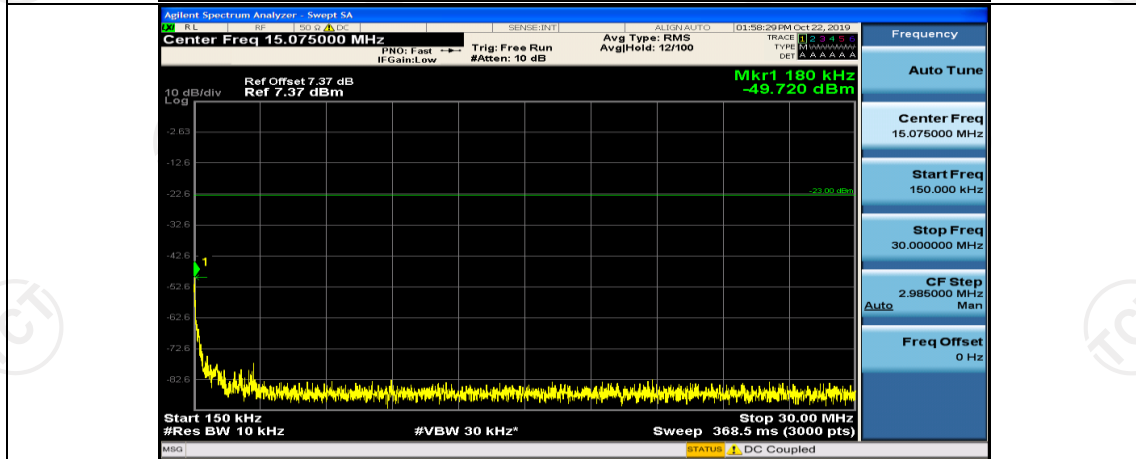
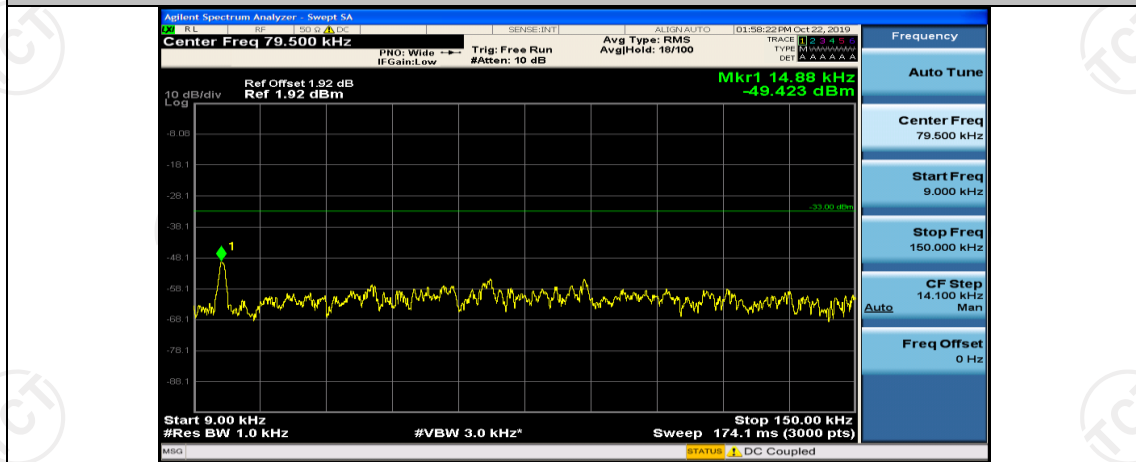


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



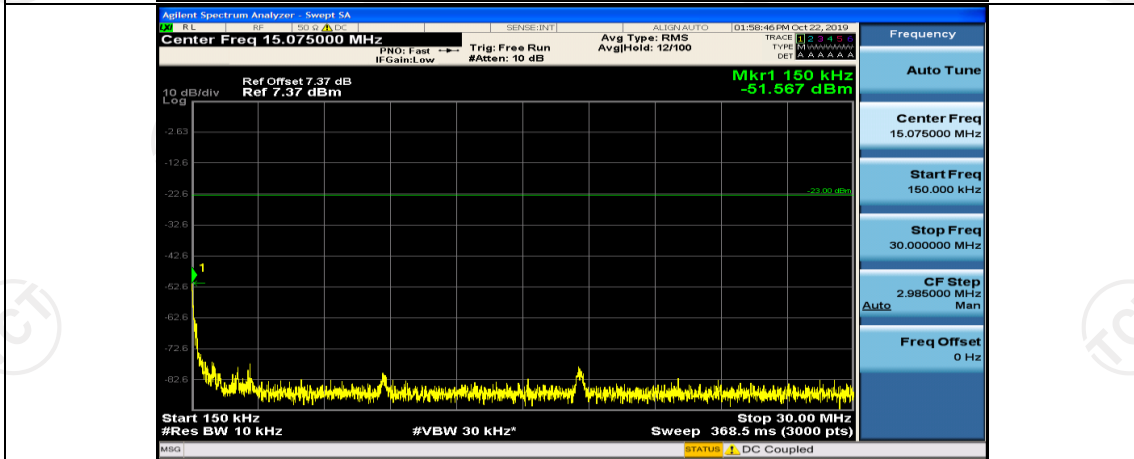
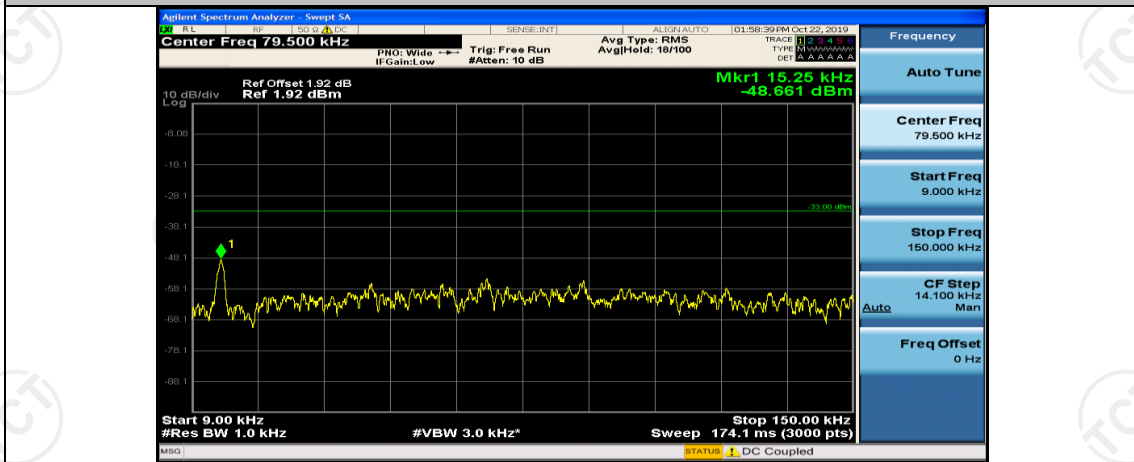


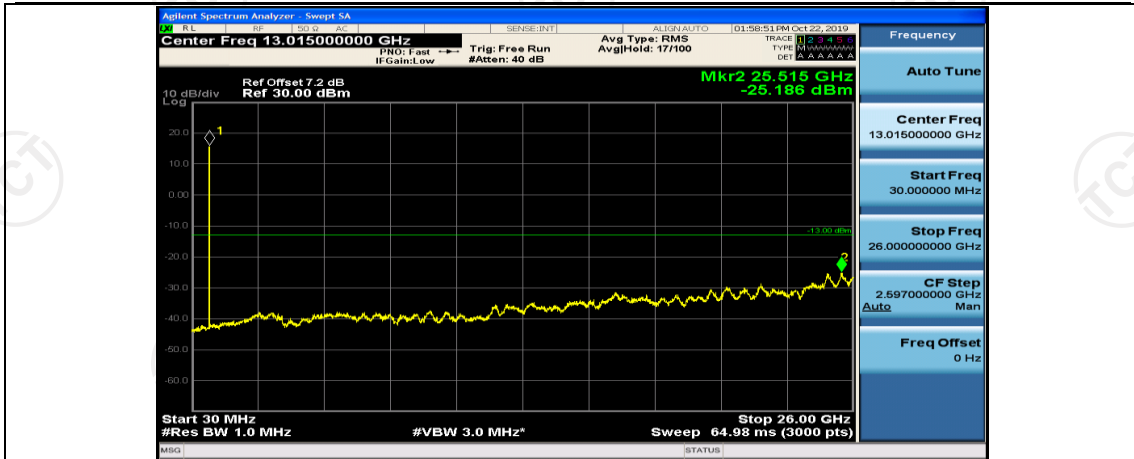
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



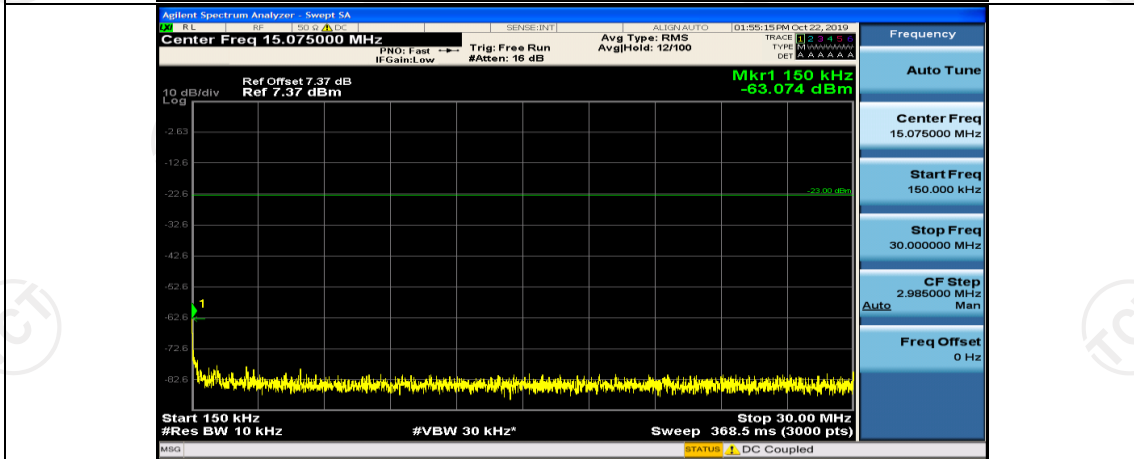
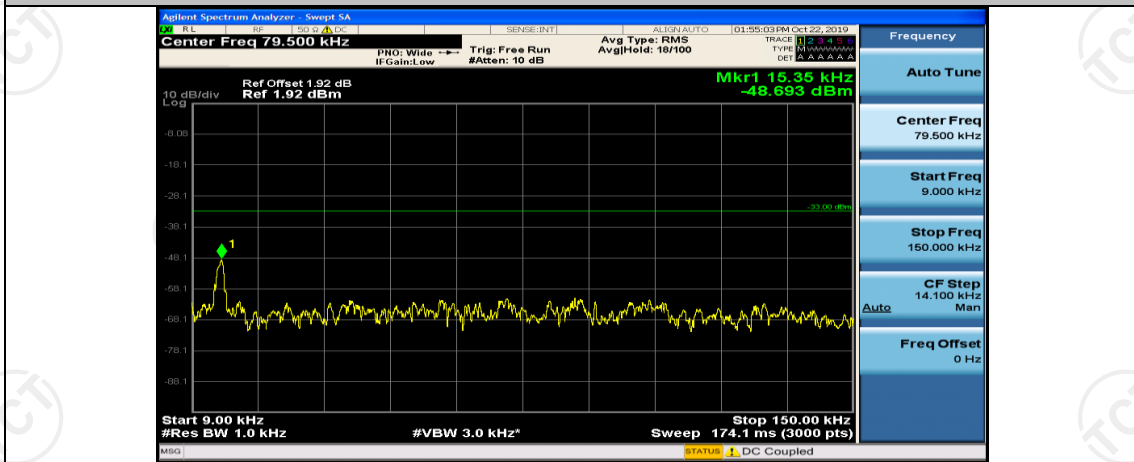


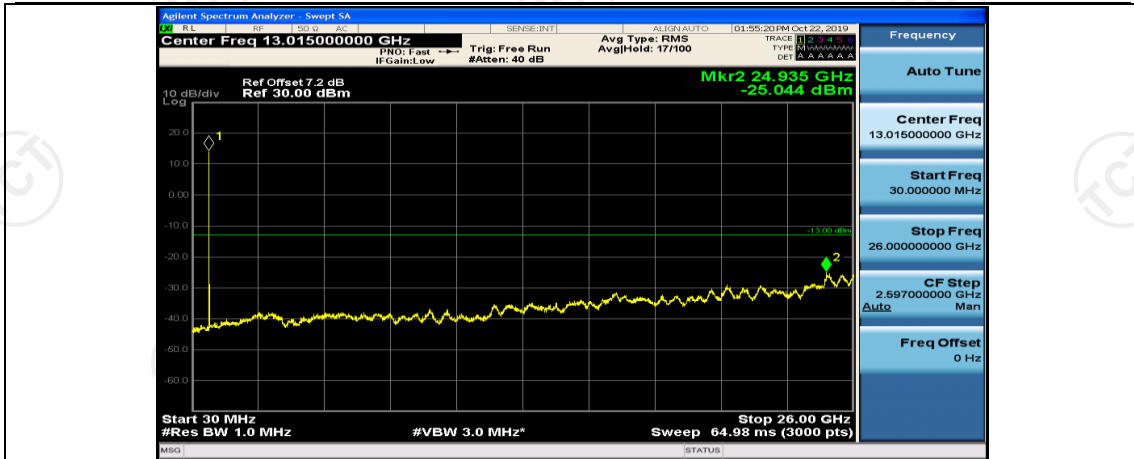
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



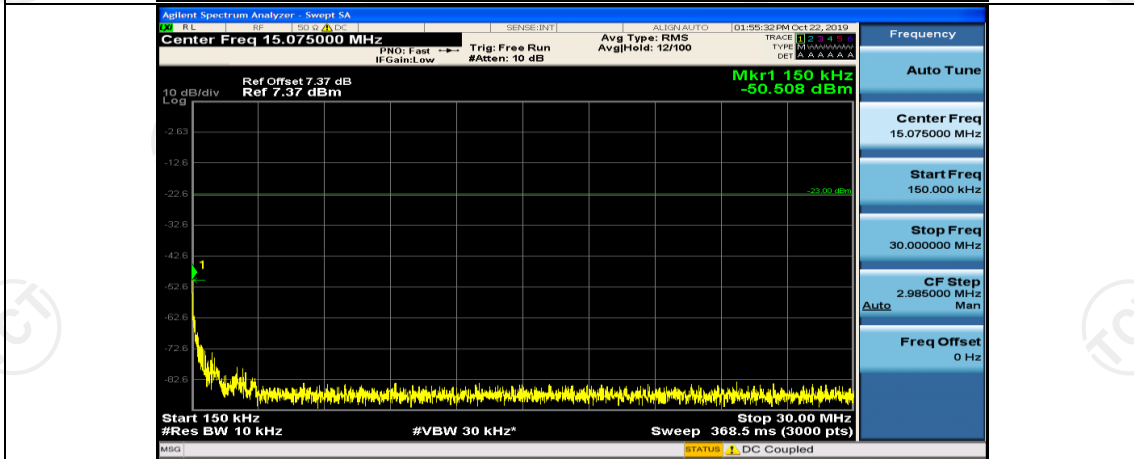
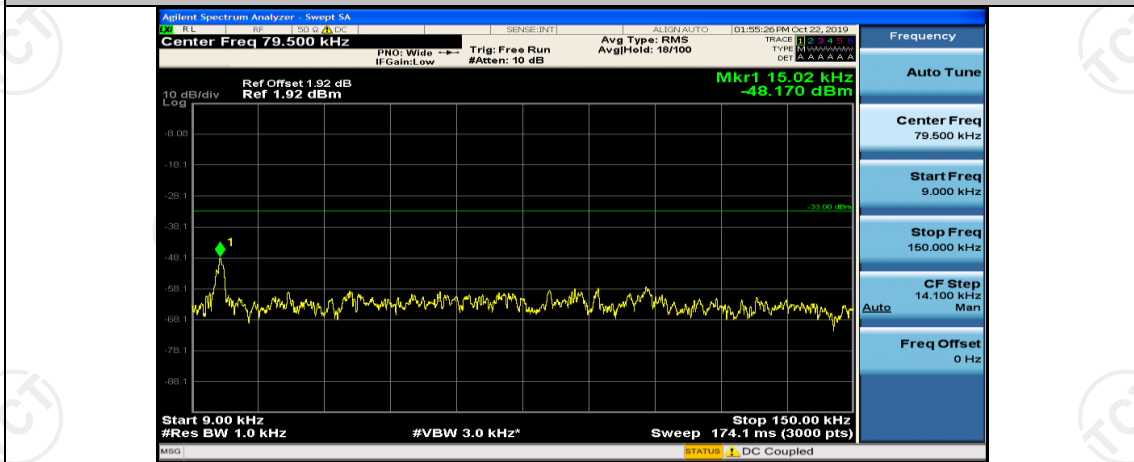


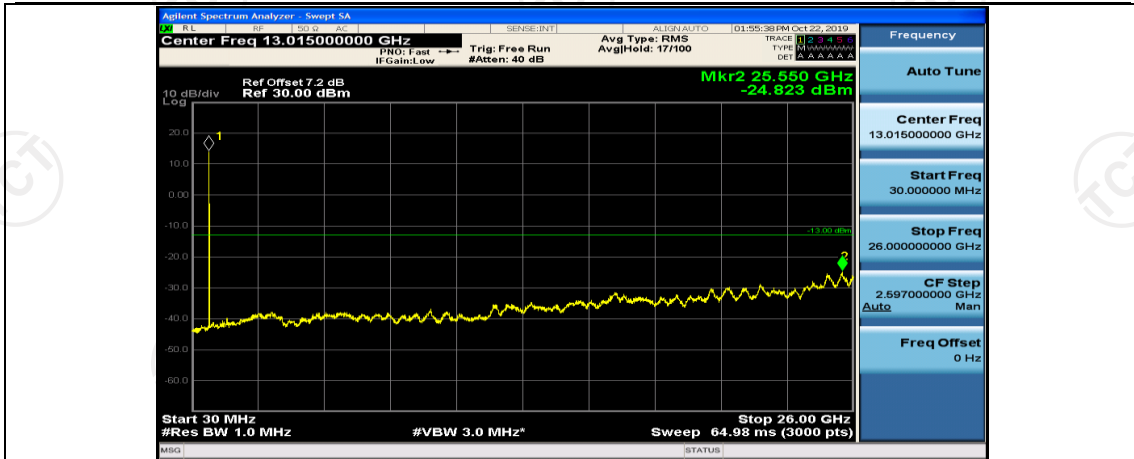
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



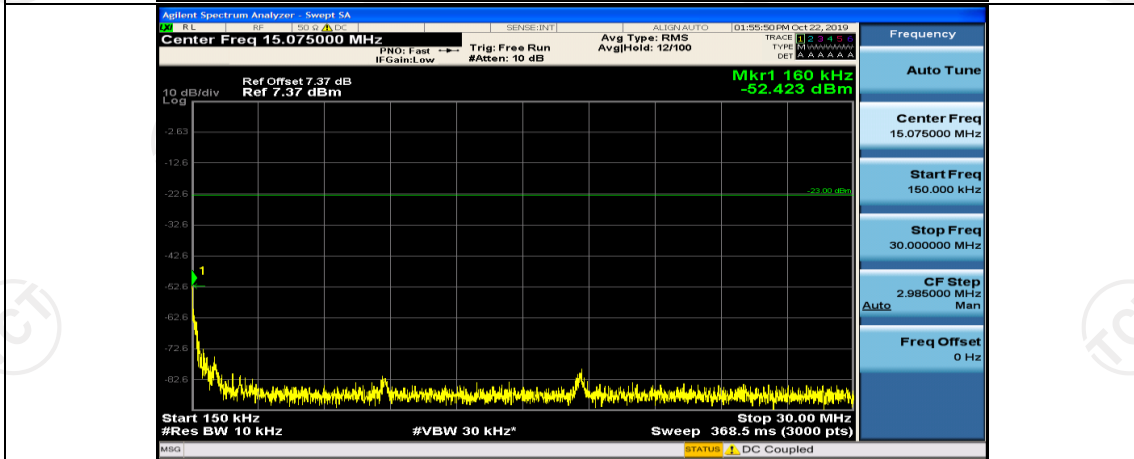
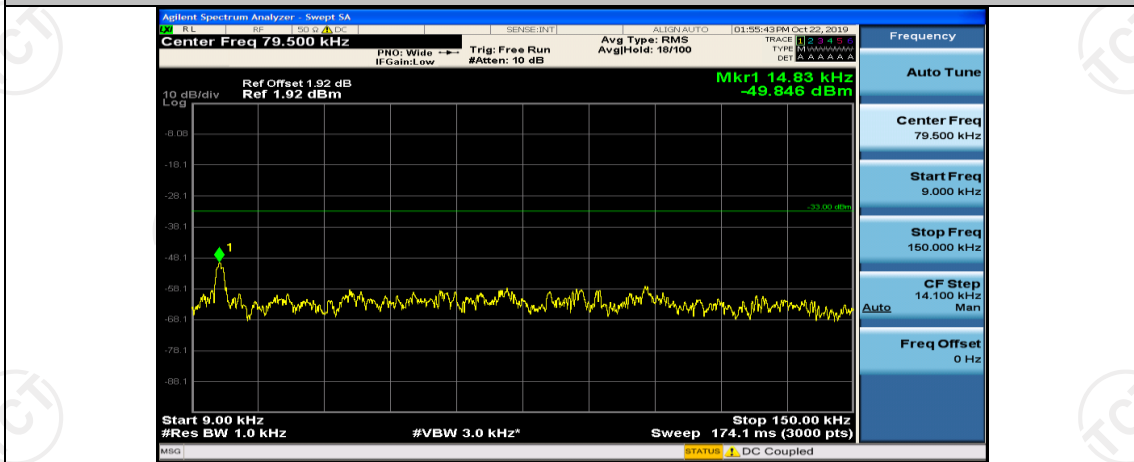


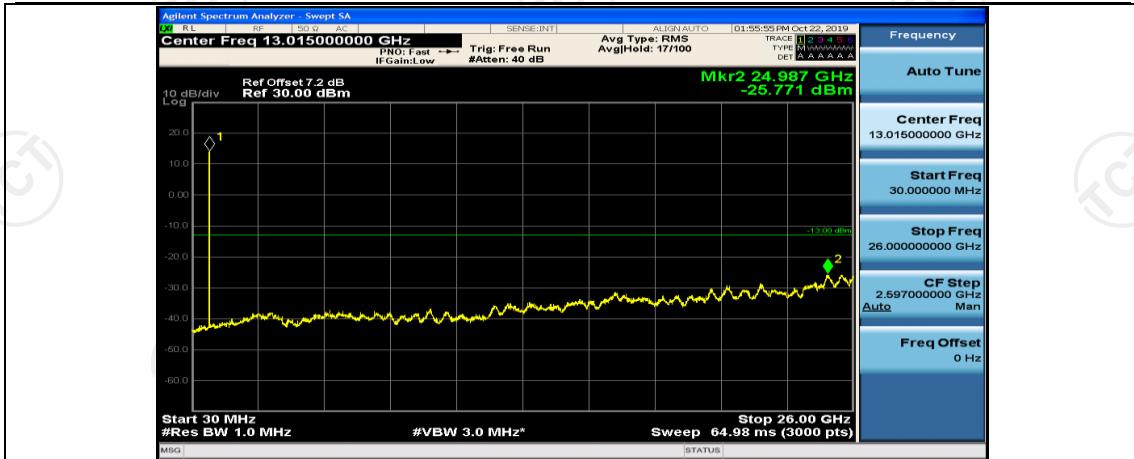
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



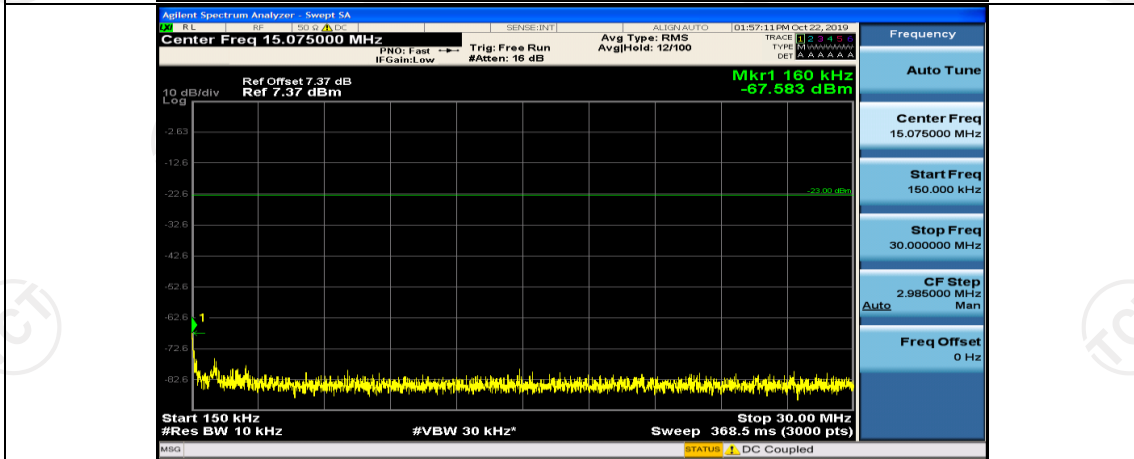
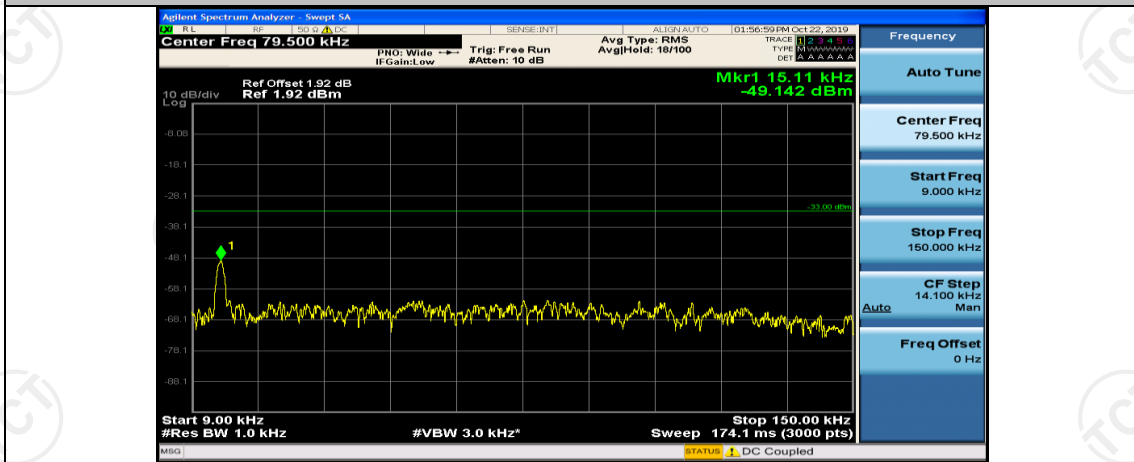


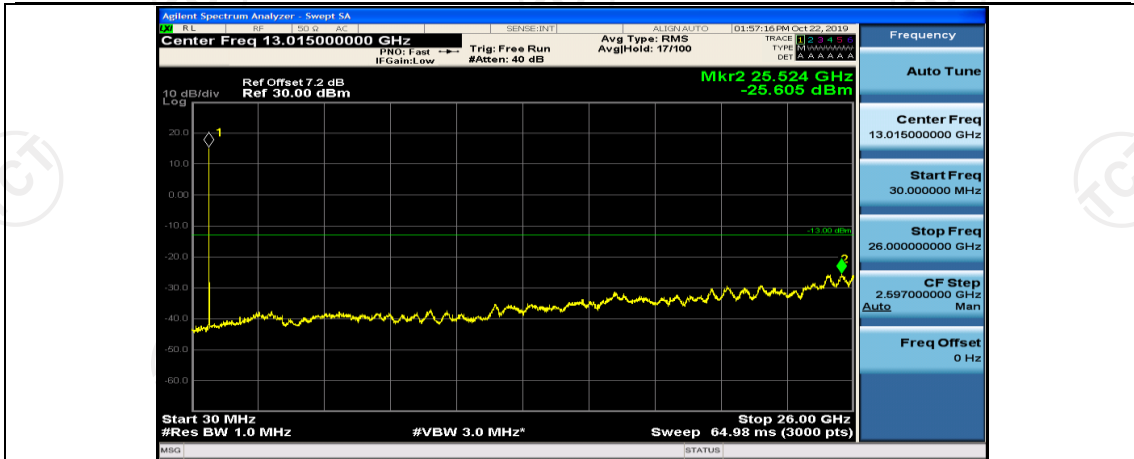
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



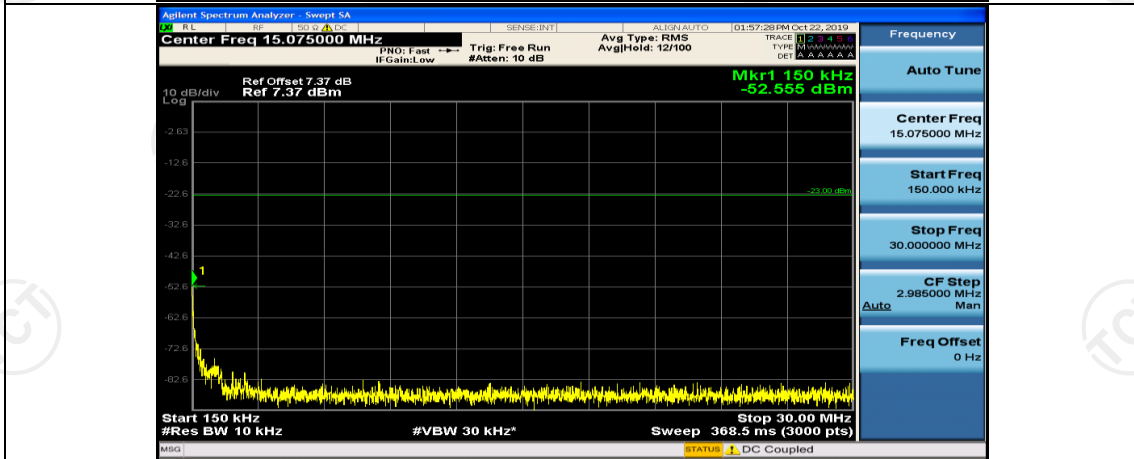
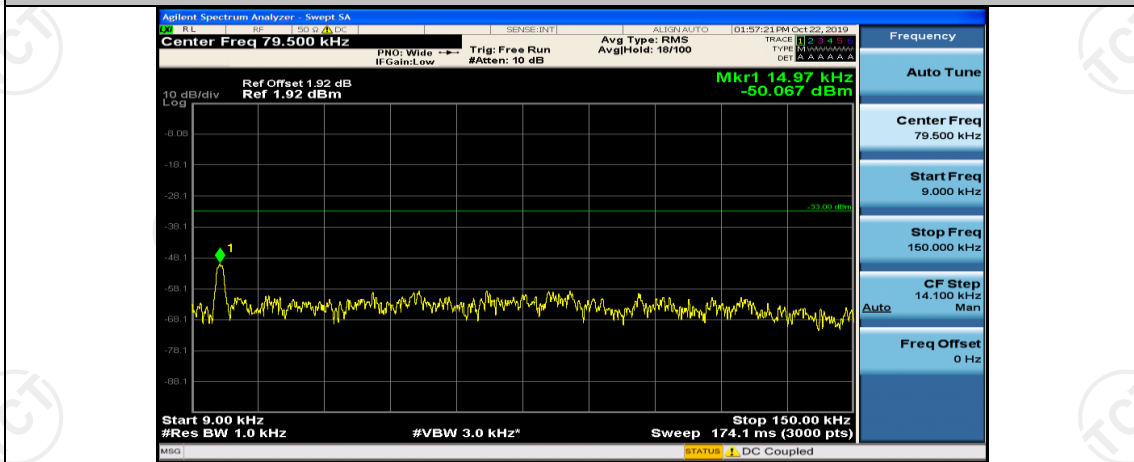


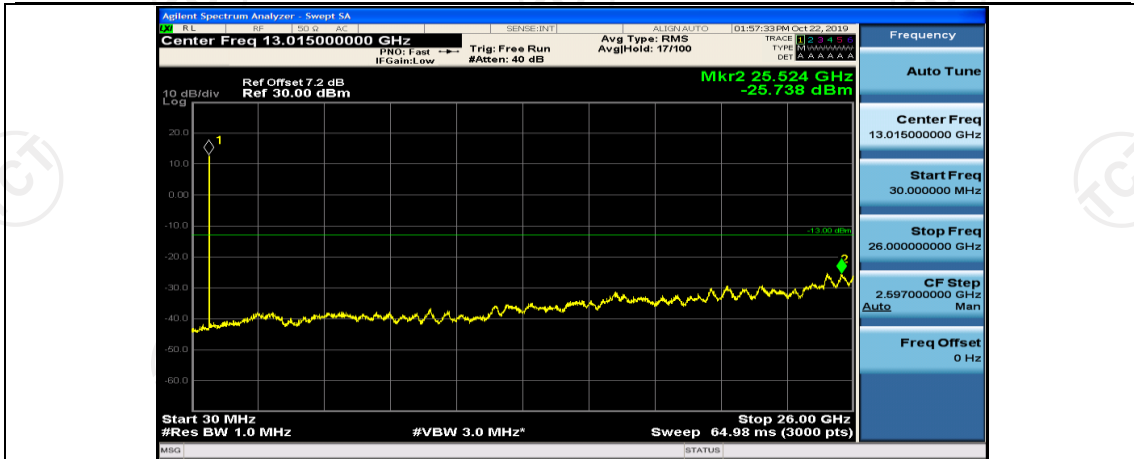
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



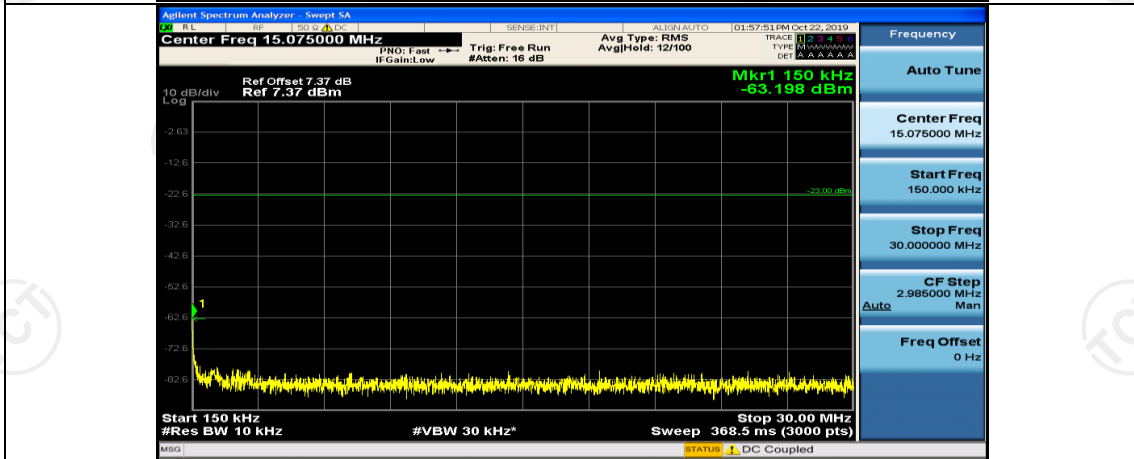
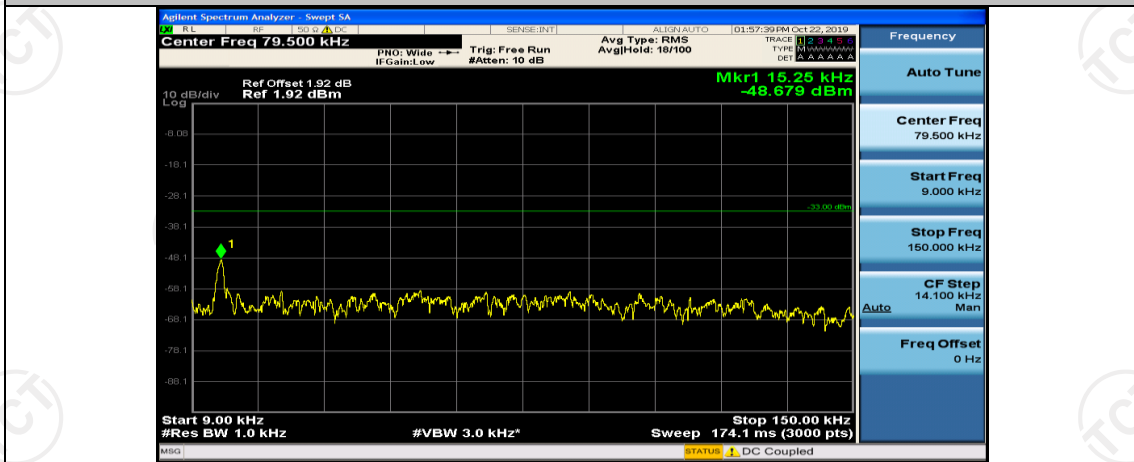


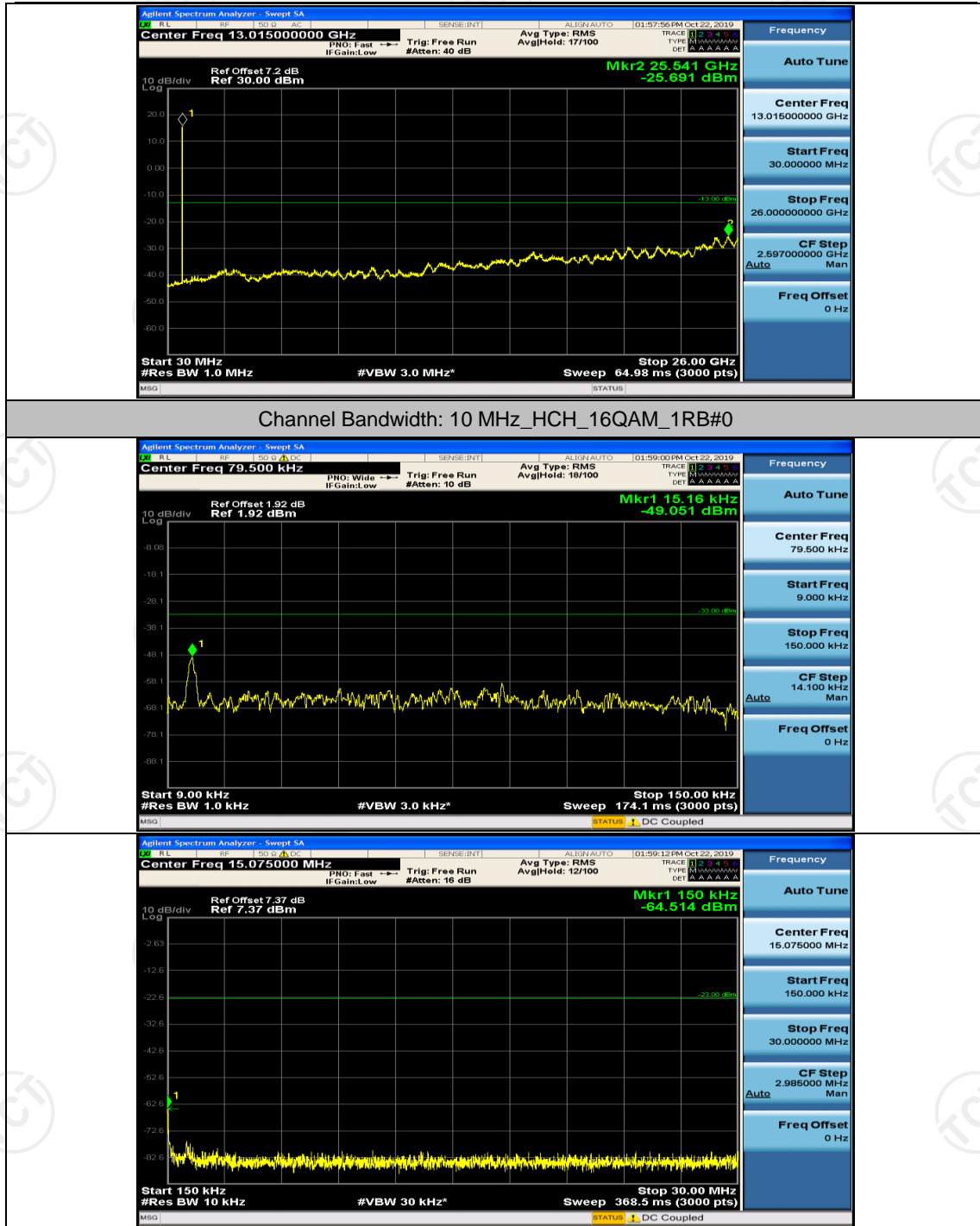
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24





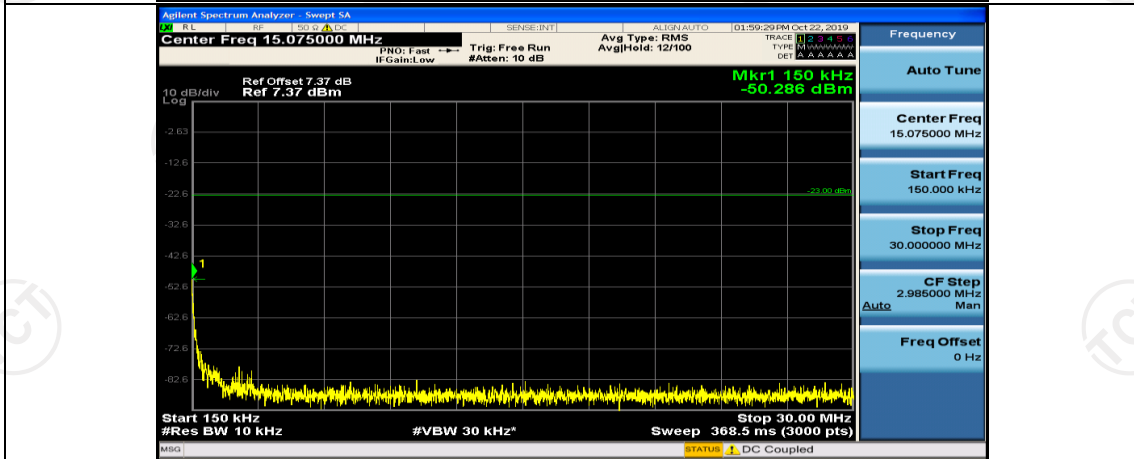
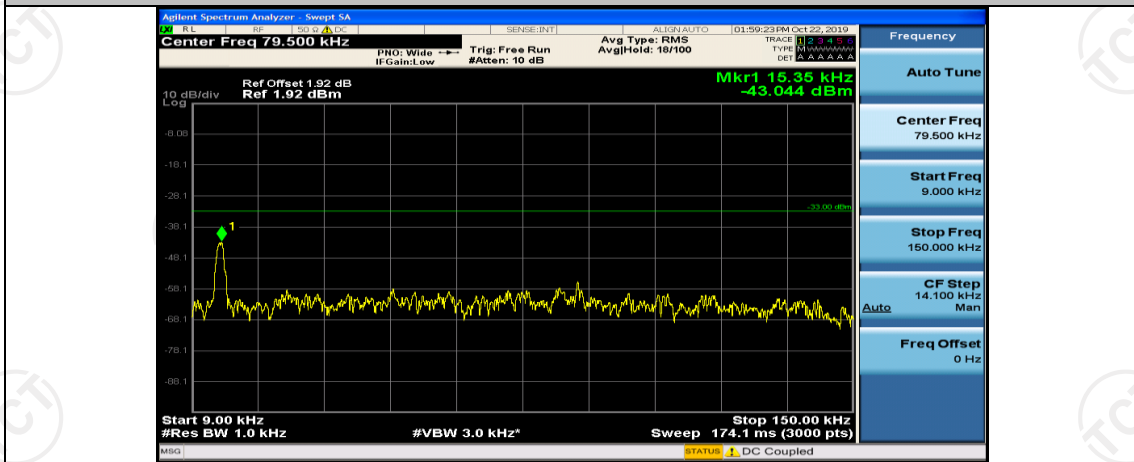
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

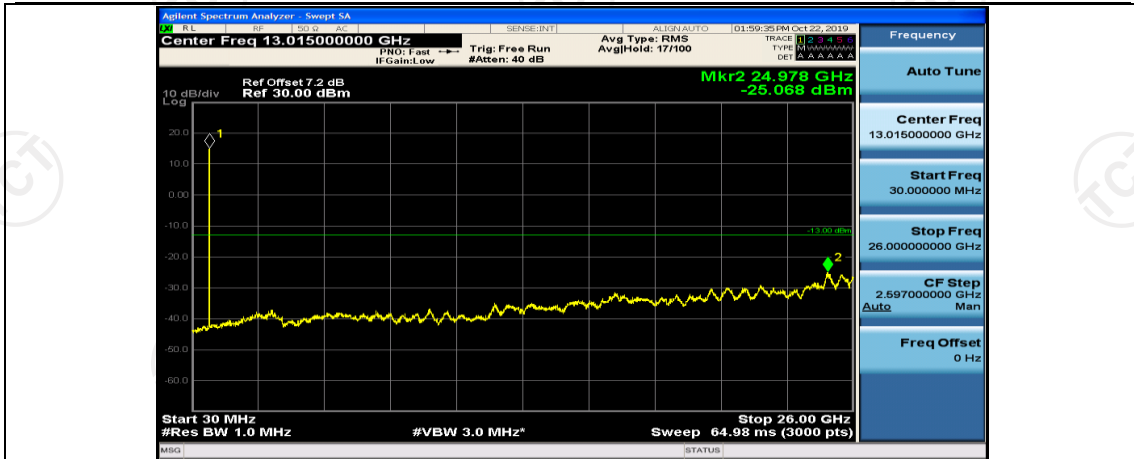




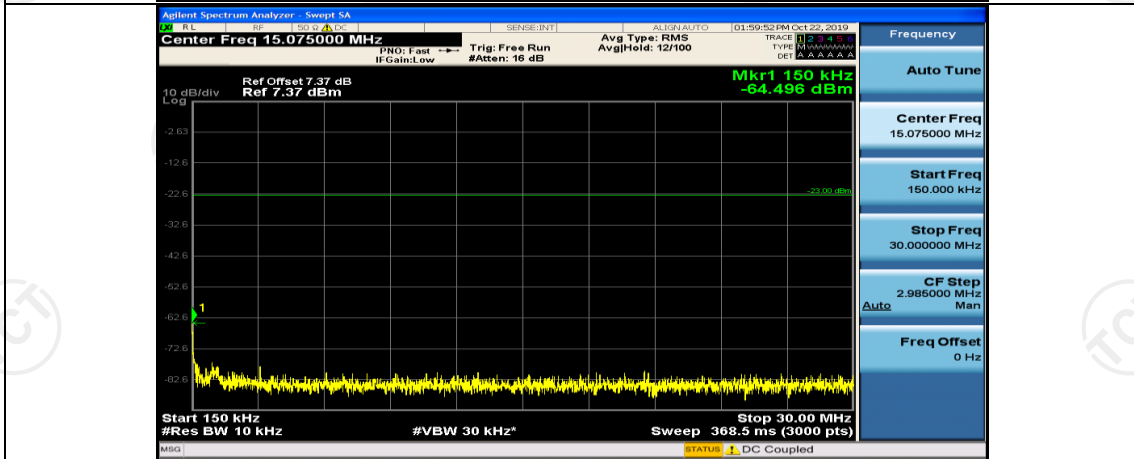
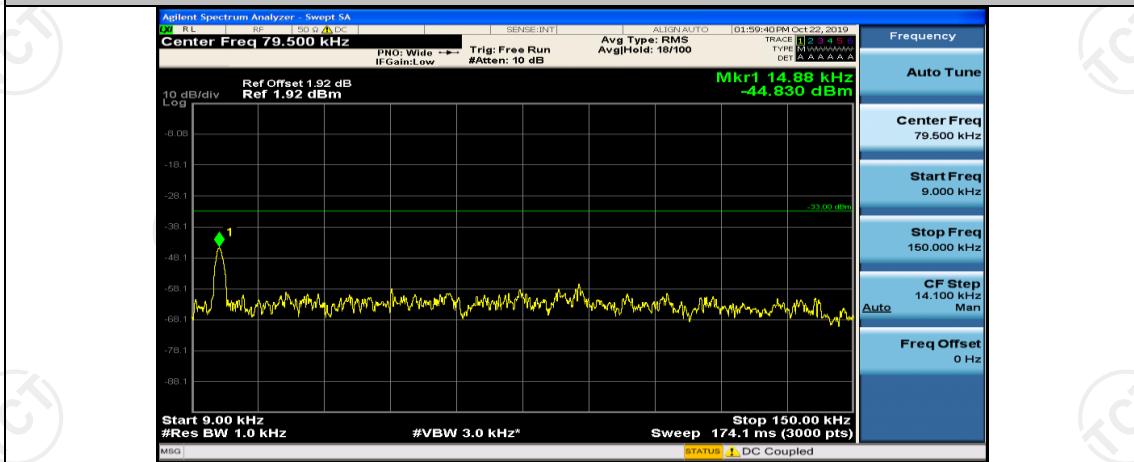


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24





Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49





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	3.4	25	-3.71	-0.005242	± 2.5	PASS	
		3.7	25	-3.53	-0.005001	± 2.5	PASS	
		4.2	25	-3.42	-0.004899	± 2.5	PASS	
	MCH	3.4	25	-3.38	-0.004756	± 2.5	PASS	
		3.7	25	-4.68	-0.006588	± 2.5	PASS	
		4.2	25	-4.54	-0.006407	± 2.5	PASS	
	HCH	3.4	25	-4.37	-0.006313	± 2.5	PASS	
		3.7	25	-10.76	-0.015077	± 2.5	PASS	
		4.2	25	-10.65	-0.014765	± 2.5	PASS	
	16QAM	LCH	3.4	25	-10.23	-0.013783	± 2.5	PASS
			3.7	25	-7.21	-0.010205	± 2.5	PASS
			4.2	25	-7.58	-0.011574	± 2.5	PASS
MCH		3.4	25	-7.64	-0.011978	± 2.5	PASS	
		3.7	25	-6.05	-0.008523	± 2.5	PASS	
		4.2	25	-5.71	-0.008331	± 2.5	PASS	
HCH		3.4	25	-5.64	-0.008249	± 2.5	PASS	
		3.7	25	-2.09	-0.002927	± 2.5	PASS	
		4.2	25	-1.85	-0.002754	± 2.5	PASS	
Temperature								
Modulation		Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK		LCH	3.7	-30	-1.73	-0.002531	± 2.5	PASS
	3.7		-20	-1.62	-0.002405	± 2.5	PASS	
	3.7		-10	-1.55	-0.002312	± 2.5	PASS	
	3.7		0	-1.37	-0.002157	± 2.5	PASS	
	3.7		10	-1.22	-0.001963	± 2.5	PASS	
	3.7		20	-6.19	-0.008767	± 2.5	PASS	
	3.7		30	-5.87	-0.008302	± 2.5	PASS	
	3.7		40	-7.08	-0.010023	± 2.5	PASS	
	3.7		50	-2.19	-0.003098	± 2.5	PASS	
	MCH	3.7	-30	-2.32	-0.003177	± 2.5	PASS	
		3.7	-20	-2.45	-0.003283	± 2.5	PASS	
		3.7	-10	-2.57	-0.003375	± 2.5	PASS	
		3.7	0	-2.74	-0.003561	± 2.5	PASS	

		3.7	10	-2.89	-0.003675	± 2.5	PASS	
		3.7	20	-9.37	-0.013197	± 2.5	PASS	
		3.7	30	-9.31	-0.013116	± 2.5	PASS	
		3.7	40	-9.28	-0.013076	± 2.5	PASS	
		3.7	50	-5.42	-0.007636	± 2.5	PASS	
	HCH	3.7	-30	-5.34	-0.007541	± 2.5	PASS	
		3.7	-20	-5.18	-0.007371	± 2.5	PASS	
		3.7	-10	-4.75	-0.007004	± 2.5	PASS	
		3.7	0	-4.51	-0.006734	± 2.5	PASS	
		3.7	10	-4.42	-0.006581	± 2.5	PASS	
		3.7	20	-6.68	-0.009363	± 2.5	PASS	
		3.7	30	-5.11	-0.007158	± 2.5	PASS	
		3.7	40	-1.82	-0.002546	± 2.5	PASS	
		3.7	50	-6.07	-0.008501	± 2.5	PASS	
	16QAM	LCH	3.7	-30	-5.85	-0.008324	± 2.5	PASS
			3.7	-20	-5.70	-0.008106	± 2.5	PASS
			3.7	-10	-5.45	-0.007951	± 2.5	PASS
			3.7	0	-5.24	-0.007753	± 2.5	PASS
			3.7	10	-5.10	-0.007834	± 2.5	PASS
3.7			20	-7.88	-0.011157	± 2.5	PASS	
3.7			30	-8.20	-0.011602	± 2.5	PASS	
3.7			40	-7.07	-0.010002	± 2.5	PASS	
3.7			50	-8.65	-0.012250	± 2.5	PASS	
MCH		3.7	-30	-8.57	-0.011895	± 2.5	PASS	
		3.7	-20	-8.44	-0.011631	± 2.5	PASS	
		3.7	-10	-8.31	-0.011013	± 2.5	PASS	
		3.7	0	-8.15	-0.010574	± 2.5	PASS	
		3.7	10	-8.08	-0.010127	± 2.5	PASS	
		3.7	20	-8.30	-0.011686	± 2.5	PASS	
		3.7	30	-2.73	-0.003848	± 2.5	PASS	
		3.7	40	-4.18	-0.005883	± 2.5	PASS	
		3.7	50	-3.71	-0.005218	± 2.5	PASS	
HCH		3.7	-30	-3.57	-0.005054	± 2.5	PASS	
		3.7	-20	-3.43	-0.004937	± 2.5	PASS	
		3.7	-10	-3.21	-0.004735	± 2.5	PASS	
		3.7	0	-3.14	-0.004512	± 2.5	PASS	
		3.7	10	-3.01	-0.004357	± 2.5	PASS	
		3.7	20	-5.25	-0.007358	± 2.5	PASS	
		3.7	30	-4.01	-0.005614	± 2.5	PASS	
		3.7	40	-3.13	-0.004391	± 2.5	PASS	

		3.7	50	-5.21	-0.007298	± 2.5	PASS
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