

Appendix A: Average Output Power Data

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.35	PASS
		1	2	22.40	PASS
		1	5	22.31	PASS
		3	0	22.42	PASS
		3	1	22.44	PASS
		3	3	22.40	PASS
		6	0	21.36	PASS
	MCH	1	0	22.41	PASS
		1	2	22.47	PASS
		1	5	22.38	PASS
		3	0	22.45	PASS
		3	1	22.49	PASS
		3	3	22.44	PASS
		6	0	21.44	PASS
	HCH	1	0	22.51	PASS
		1	2	22.59	PASS
		1	5	22.52	PASS
		3	0	22.56	PASS
		3	1	22.60	PASS
		3	3	22.58	PASS
		6	0	21.57	PASS
16QAM	LCH	1	0	21.72	PASS
		1	2	21.79	PASS
		1	5	21.65	PASS
		3	0	21.62	PASS
		3	1	21.62	PASS
		3	3	21.62	PASS
		6	0	20.69	PASS
	MCH	1	0	21.73	PASS
		1	2	21.81	PASS
		1	5	21.75	PASS
		3	0	21.64	PASS
		3	1	21.67	PASS
		3	3	21.68	PASS



		6	0	20.57	PASS
	HCH	1	0	21.86	PASS
		1	2	21.91	PASS
		1	5	21.86	PASS
		3	0	21.73	PASS
		3	1	21.77	PASS
		3	3	21.73	PASS
		6	0	20.68	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.38	PASS
		1	7	22.48	PASS
		1	14	22.39	PASS
		8	0	21.40	PASS
		8	3	21.44	PASS
		8	7	21.42	PASS
		15	0	21.40	PASS
	MCH	1	0	22.46	PASS
		1	7	22.56	PASS
		1	14	22.44	PASS
		8	0	21.50	PASS
		8	3	21.53	PASS
		8	7	21.47	PASS
		15	0	21.51	PASS
	HCH	1	0	22.60	PASS
		1	7	22.67	PASS
		1	14	22.57	PASS
		8	0	21.60	PASS
		8	3	21.66	PASS
		8	7	21.61	PASS
		15	0	21.61	PASS
16QAM	LCH	1	0	21.68	PASS
		1	7	21.84	PASS
		1	14	21.69	PASS
		8	0	20.54	PASS
		8	3	20.56	PASS
		8	7	20.50	PASS
		15	0	20.47	PASS

	MCH	1	0	21.72	PASS
		1	7	21.92	PASS
		1	14	21.81	PASS
		8	0	20.60	PASS
		8	3	20.63	PASS
		8	7	20.64	PASS
		15	0	20.53	PASS
	HCH	1	0	21.86	PASS
		1	7	21.98	PASS
		1	14	21.86	PASS
		8	0	20.68	PASS
		8	3	20.73	PASS
		8	7	20.71	PASS
		15	0	20.63	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.40	PASS
		1	12	22.36	PASS
		1	24	22.46	PASS
		12	0	21.38	PASS
		12	6	21.57	PASS
		12	13	21.52	PASS
		25	0	21.55	PASS
	MCH	1	0	22.47	PASS
		1	12	22.46	PASS
		1	24	22.45	PASS
		12	0	21.50	PASS
		12	6	21.53	PASS
		12	13	21.50	PASS
		25	0	21.50	PASS
	HCH	1	0	22.57	PASS
		1	12	22.58	PASS
		1	24	22.57	PASS
		12	0	21.62	PASS
		12	6	21.67	PASS
		12	13	21.61	PASS
		25	0	21.62	PASS
16QAM	LCH	1	0	21.72	PASS
		1	12	21.73	PASS

		1	24	21.75	PASS
		12	0	20.49	PASS
		12	6	20.63	PASS
		12	13	20.60	PASS
		25	0	20.58	PASS
	MCH	1	0	21.76	PASS
		1	12	21.76	PASS
		1	24	21.75	PASS
		12	0	20.58	PASS
		12	6	20.61	PASS
		12	13	20.61	PASS
		25	0	20.56	PASS
	HCH	1	0	22.01	PASS
		1	12	21.92	PASS
		1	24	21.87	PASS
		12	0	20.71	PASS
		12	6	20.74	PASS
		12	13	20.70	PASS
		25	0	20.68	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.38	PASS
		1	24	22.43	PASS
		1	49	22.52	PASS
		25	0	21.48	PASS
		25	12	21.52	PASS
		25	25	21.60	PASS
		50	0	21.47	PASS
	MCH	1	0	22.37	PASS
		1	24	22.43	PASS
		1	49	22.45	PASS
		25	0	21.50	PASS
		25	12	21.52	PASS
		25	25	21.47	PASS
		50	0	21.51	PASS
	HCH	1	0	22.52	PASS
		1	24	22.61	PASS
		1	49	22.54	PASS
		25	0	21.54	PASS



16QAM			25	12	21.65	PASS
			25	25	21.63	PASS
			50	0	21.49	PASS
	LCH		1	0	21.73	PASS
			1	24	21.72	PASS
			1	49	21.75	PASS
			25	0	20.58	PASS
			25	12	20.57	PASS
			25	25	20.62	PASS
			50	0	20.51	PASS
	MCH		1	0	21.64	PASS
			1	24	21.78	PASS
			1	49	21.87	PASS
			25	0	20.56	PASS
			25	12	20.57	PASS
			25	25	20.56	PASS
			50	0	20.58	PASS
	HCH		1	0	21.95	PASS
			1	24	22.00	PASS
			1	49	21.87	PASS
			25	0	20.66	PASS
			25	12	20.76	PASS
			25	25	20.71	PASS
			50	0	20.61	PASS

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.92	<13	PASS
QPSK	MCH	1	0	3.74	<13	PASS
QPSK	HCH	1	0	3.76	<13	PASS
16QAM	LCH	1	0	5.58	<13	PASS
16QAM	MCH	1	0	5.32	<13	PASS
16QAM	HCH	1	0	5.32	<13	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.67	<13	PASS
QPSK	MCH	1	0	3.51	<13	PASS
QPSK	HCH	1	0	3.64	<13	PASS
16QAM	LCH	1	0	5.49	<13	PASS
16QAM	MCH	1	0	5.2	<13	PASS
16QAM	HCH	1	0	5.42	<13	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.66	<13	PASS
QPSK	MCH	1	0	3.39	<13	PASS
QPSK	HCH	1	0	3.79	<13	PASS
16QAM	LCH	1	0	5.4	<13	PASS
16QAM	MCH	1	0	4.72	<13	PASS
16QAM	HCH	1	0	5.43	<13	PASS



Channel Bandwidth: 10 MHz

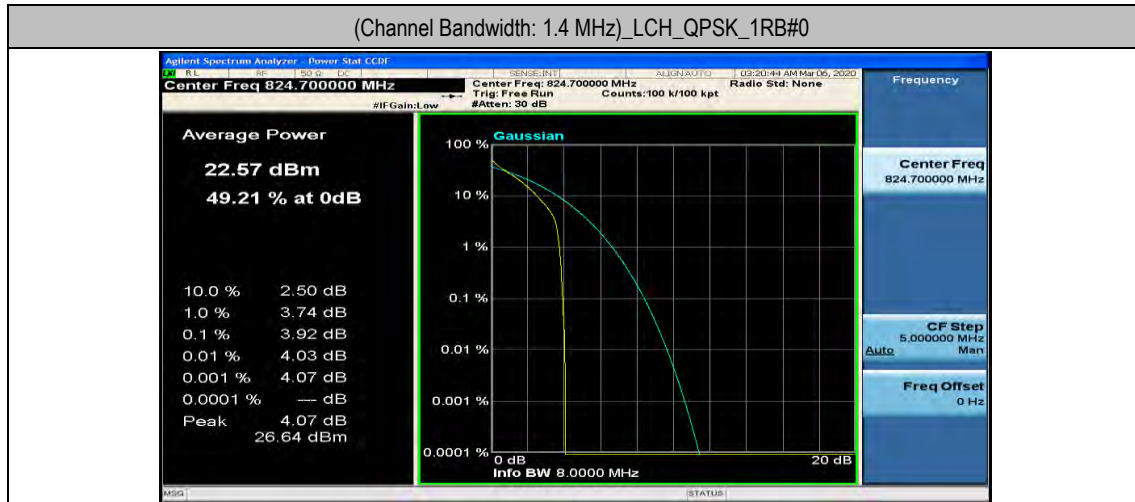
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.57	<13	PASS
QPSK	MCH	1	0	3.29	<13	PASS
QPSK	HCH	1	0	3.82	<13	PASS
16QAM	LCH	1	0	5.3	<13	PASS
16QAM	MCH	1	0	4.67	<13	PASS
16QAM	HCH	1	0	5.52	<13	PASS



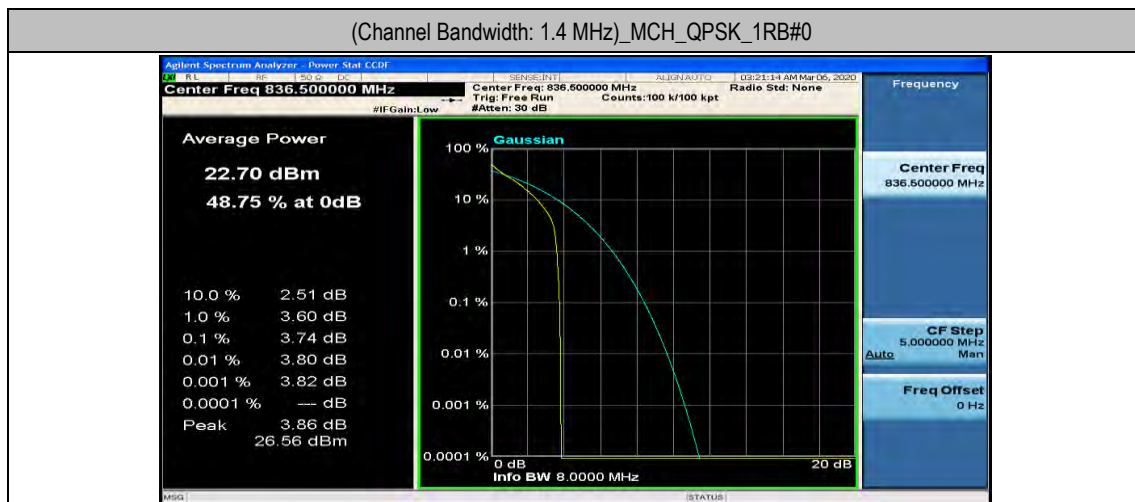
Test Graphs

Channel Bandwidth: 1.4 MHz

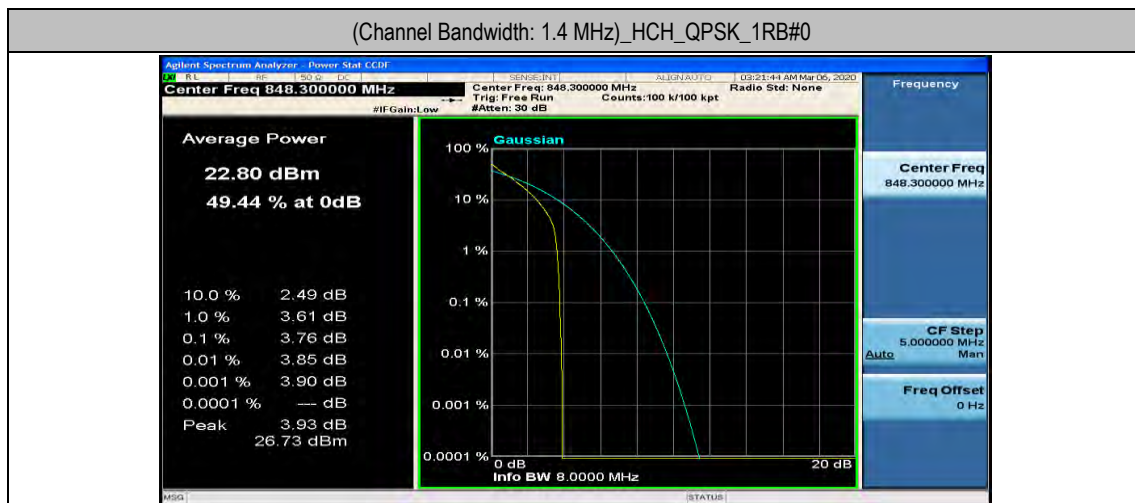
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0





(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



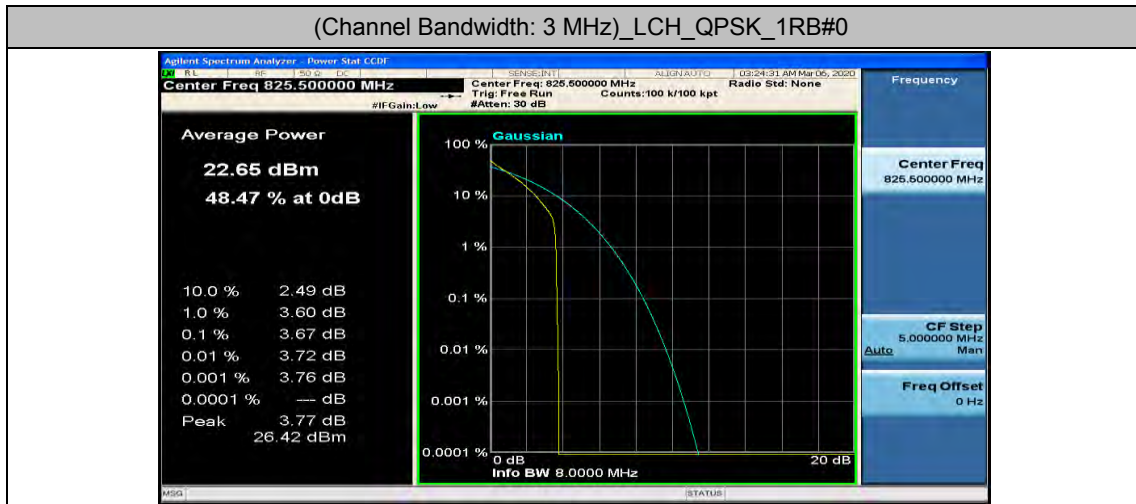
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



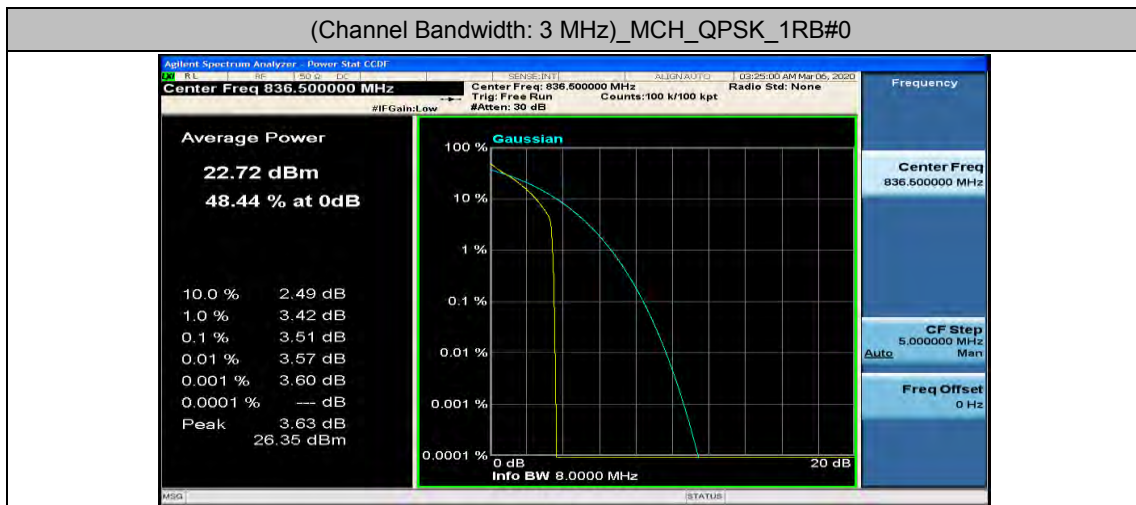


Channel Bandwidth: 3 MHz

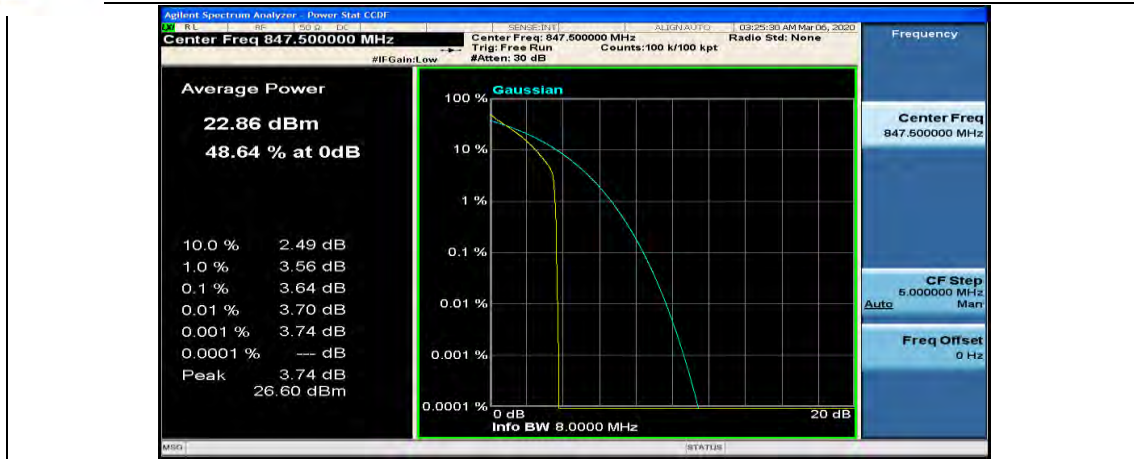
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



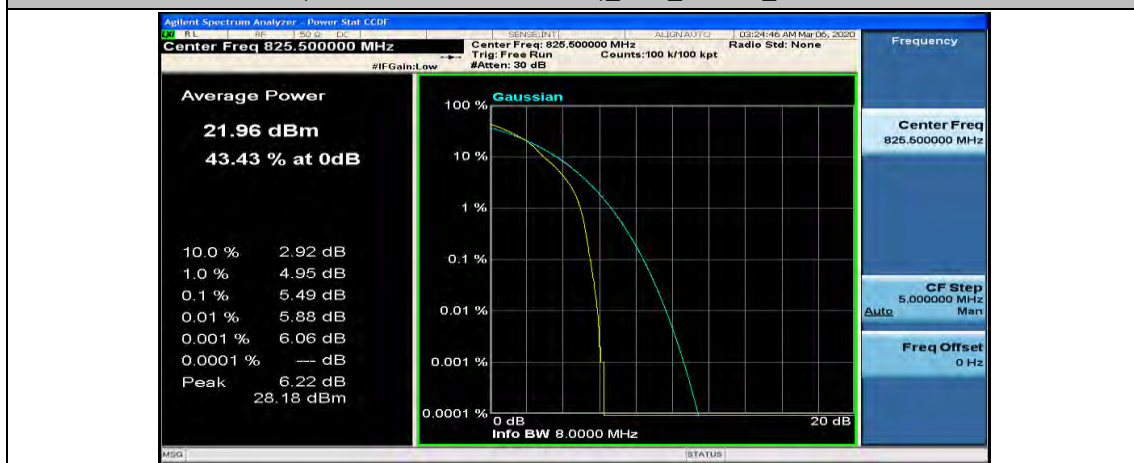
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



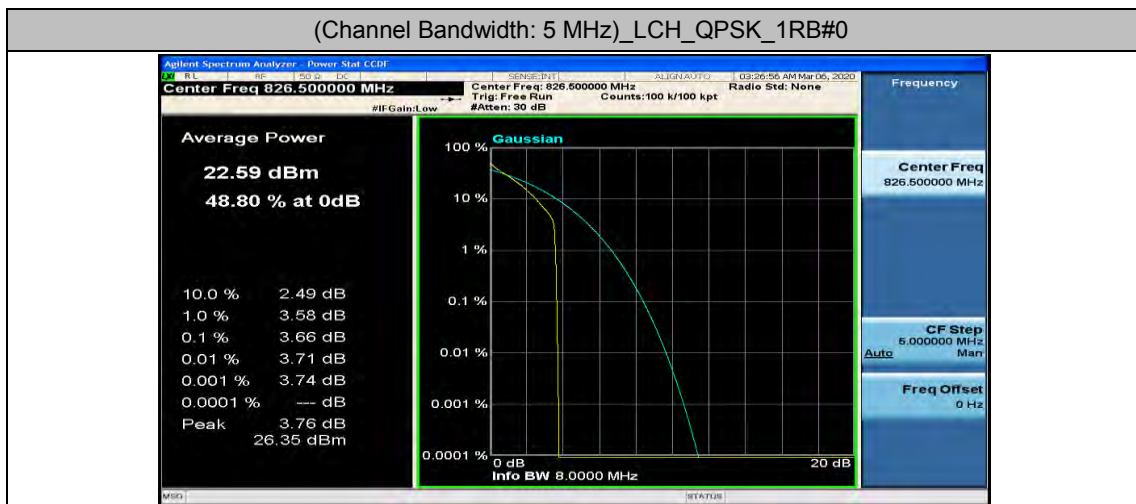
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



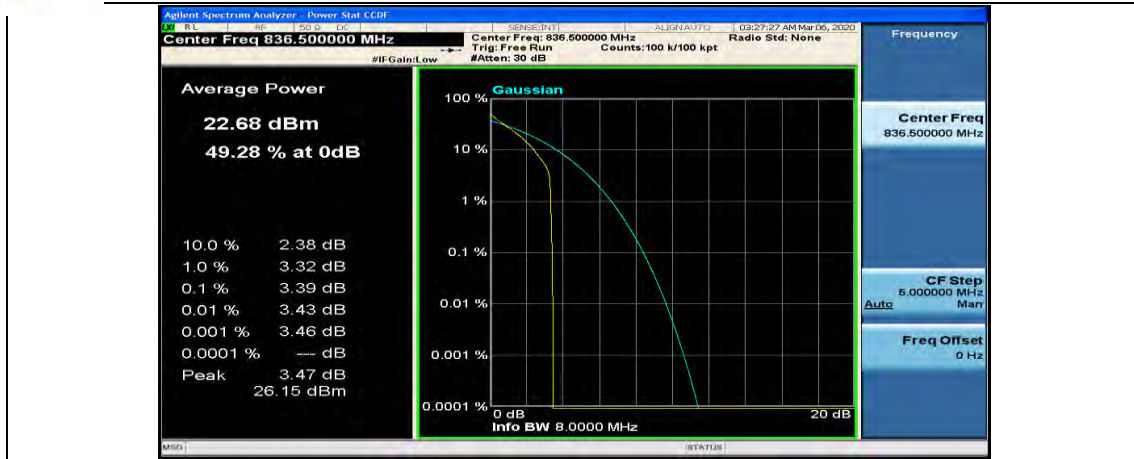
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



Channel Bandwidth: 5 MHz



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

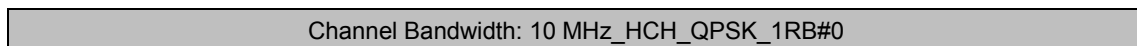
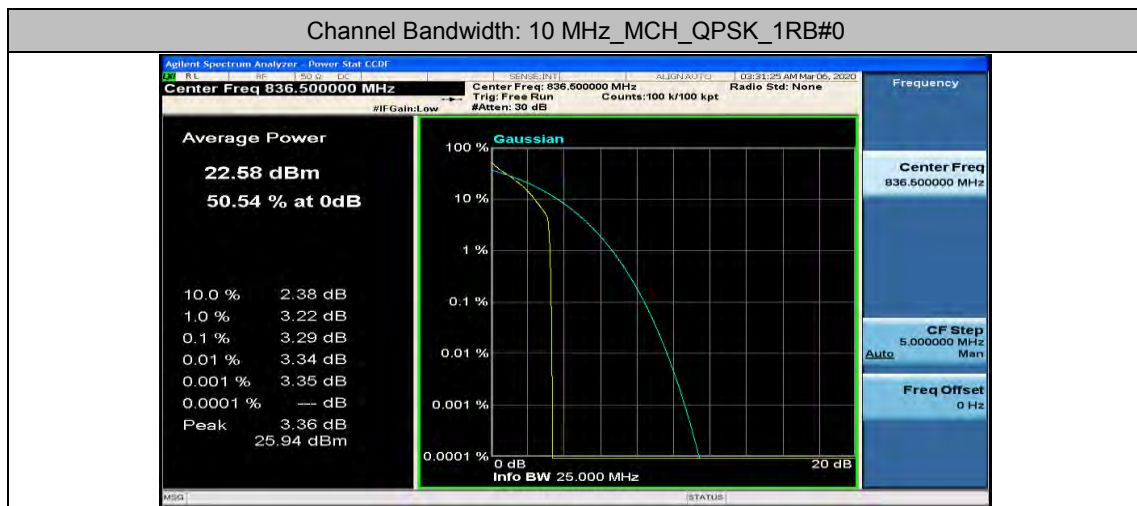
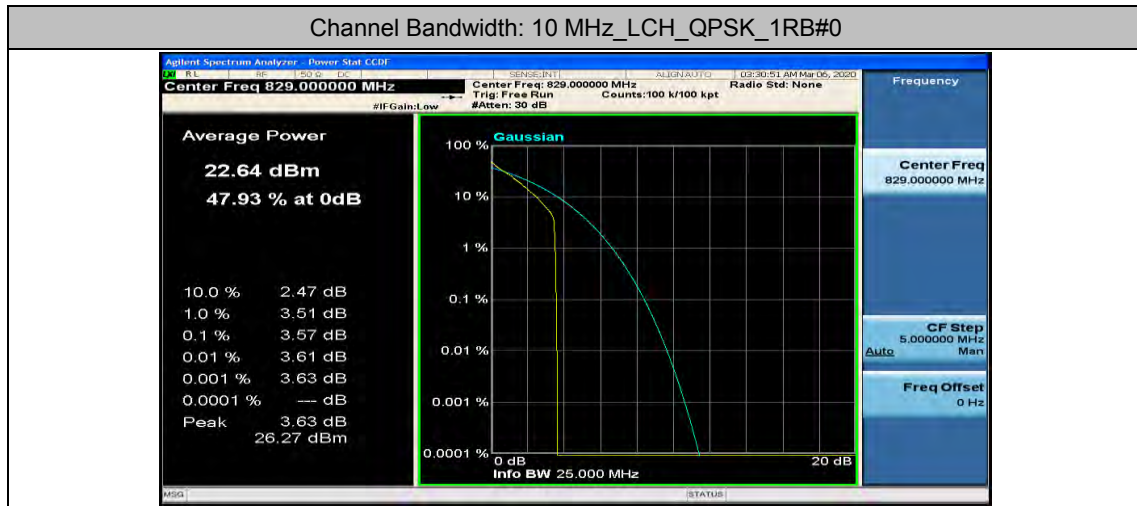


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0





Channel Bandwidth: 10 MHz





Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.0754	1.197	PASS
	MCH	6	0	1.0752	1.202	PASS
	HCH	6	0	1.0753	1.200	PASS
16QAM	LCH	6	0	1.0758	1.197	PASS
	MCH	6	0	1.0753	1.197	PASS
	HCH	6	0	1.0761	1.196	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	15	0	2.6873	2.892	PASS
	MCH	15	0	2.6846	2.900	PASS
	HCH	15	0	2.6874	2.908	PASS
16QAM	LCH	15	0	2.6832	2.897	PASS
	MCH	15	0	2.6844	2.900	PASS
	HCH	15	0	2.6802	2.875	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4713	4.777	PASS
	MCH	25	0	4.4736	4.811	PASS
	HCH	25	0	4.4696	4.764	PASS
16QAM	LCH	25	0	4.4872	4.808	PASS



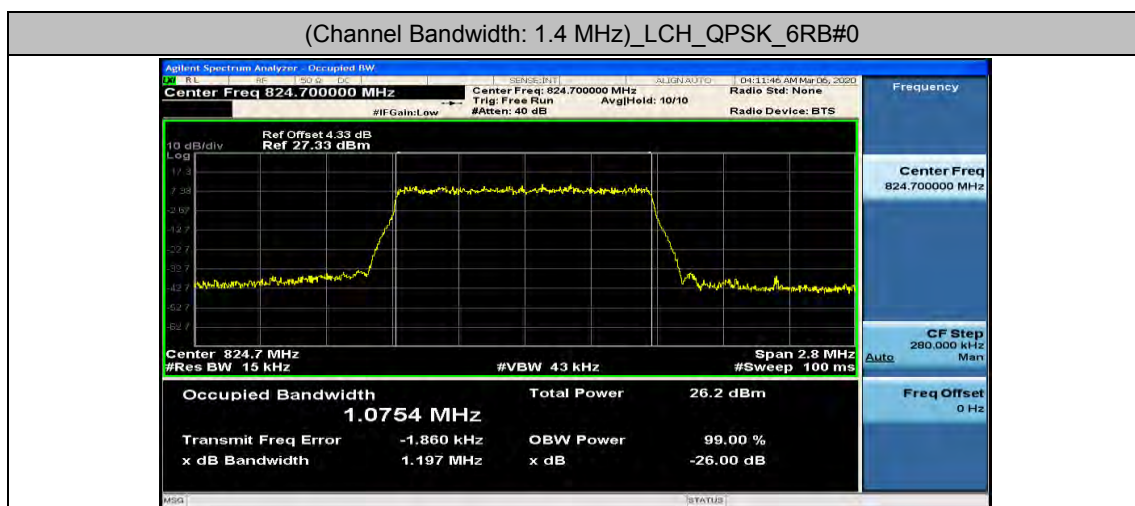
	MCH	25	0	4.4903	4.798	PASS
	HCH	25	0	4.4816	4.815	PASS

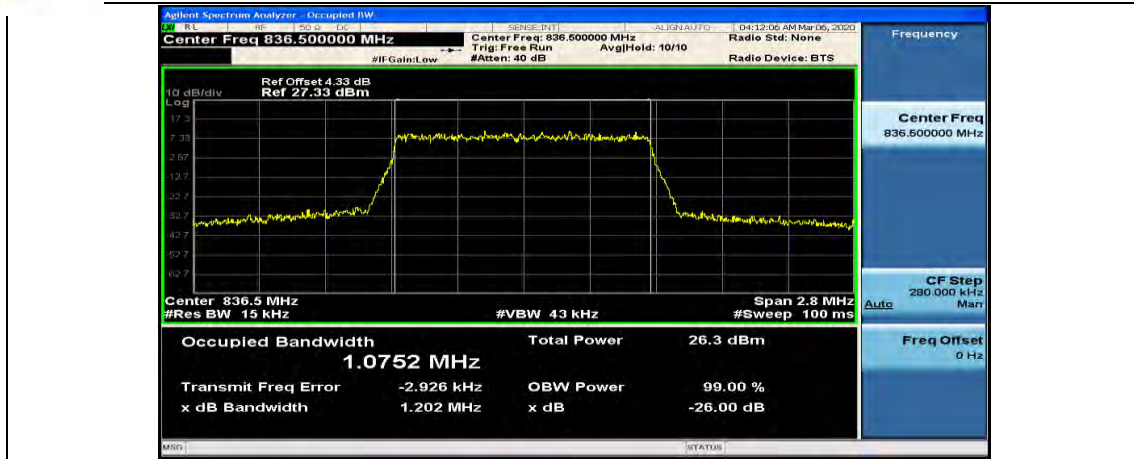
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9216	9.473	PASS
	MCH	50	0	8.9543	9.507	PASS
	HCH	50	0	8.9237	9.427	PASS
16QAM	LCH	50	0	8.9236	9.408	PASS
	MCH	50	0	8.9507	9.412	PASS
	HCH	50	0	8.9319	9.405	PASS

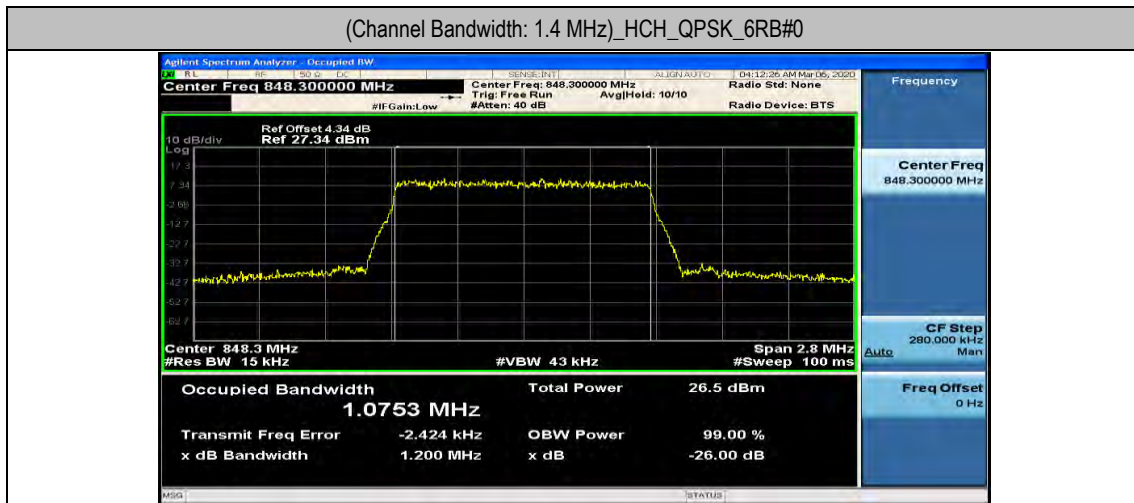
Test Graphs

Channel Bandwidth: 1.4 MHz



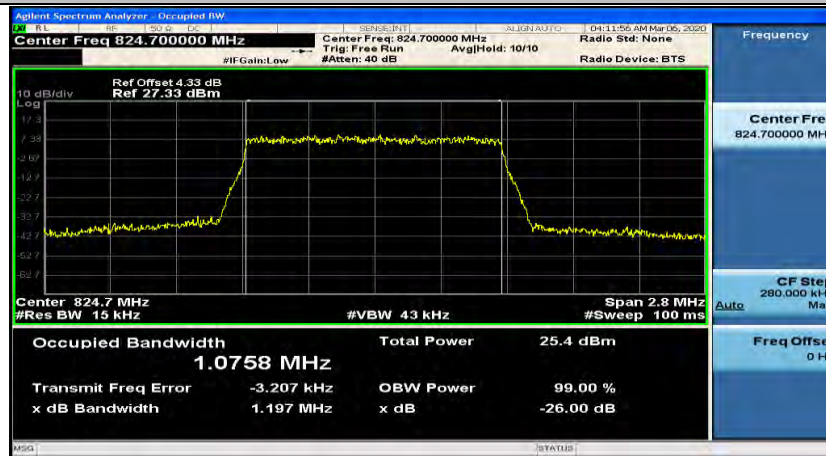


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0

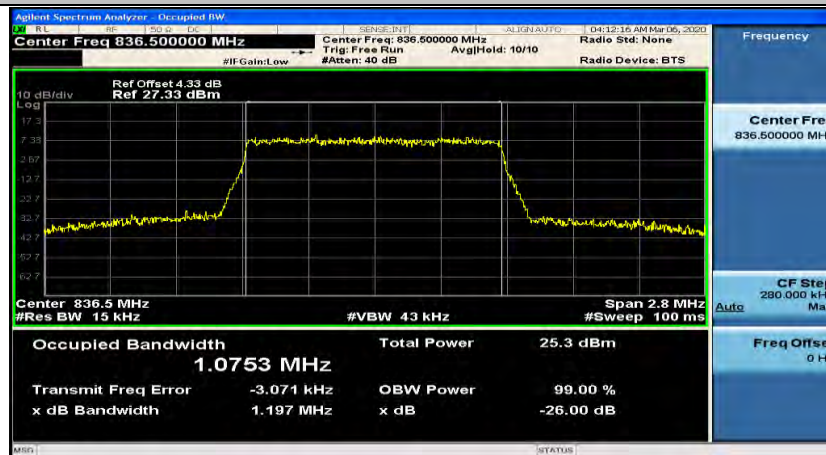




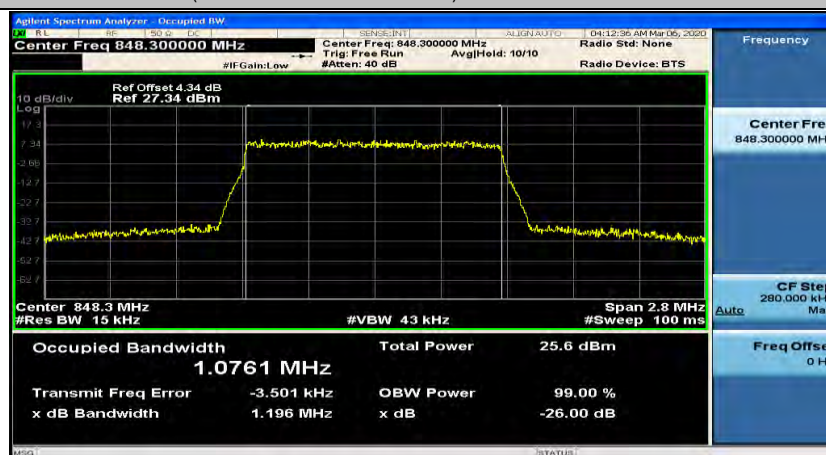
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



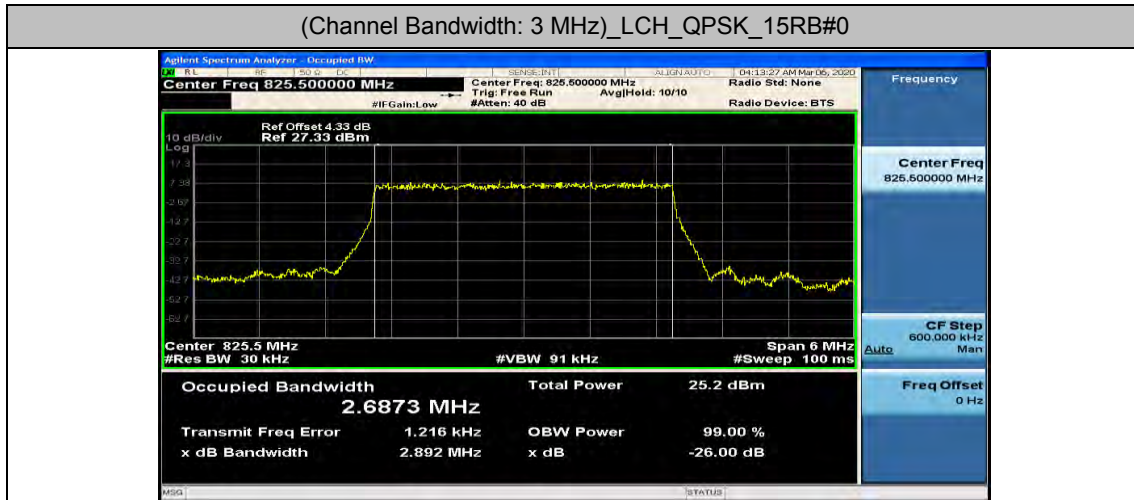
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



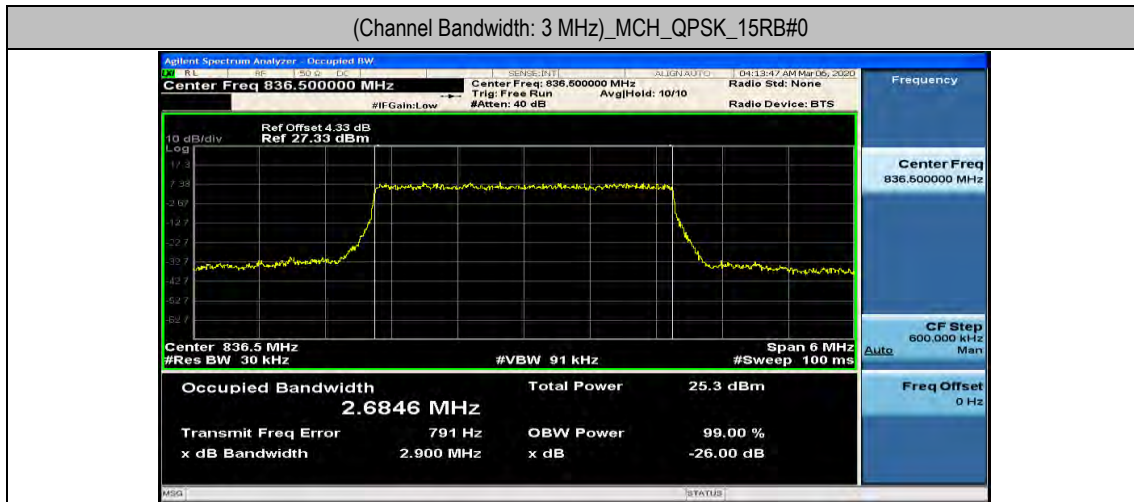


Channel Bandwidth: 3 MHz

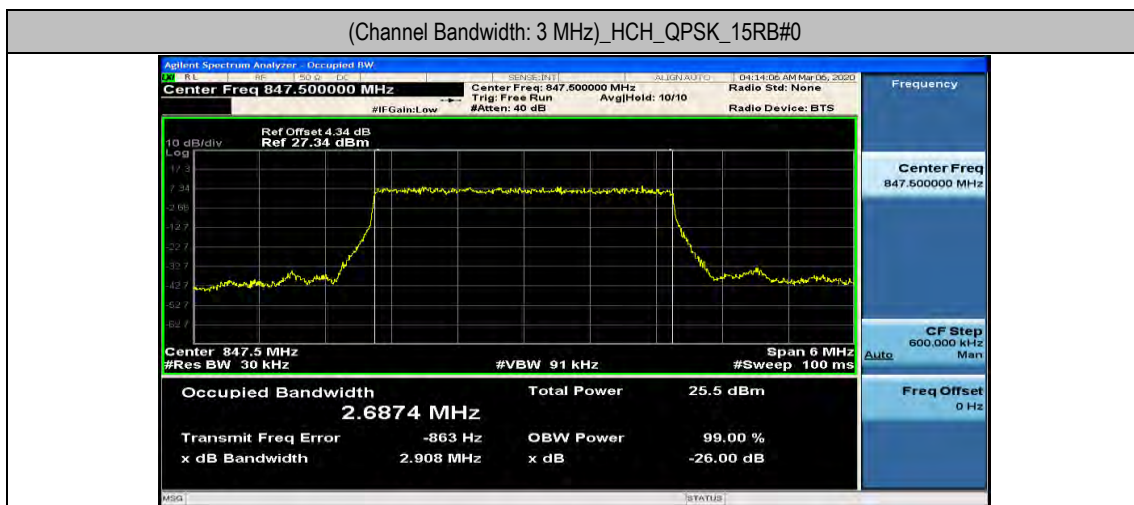
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0

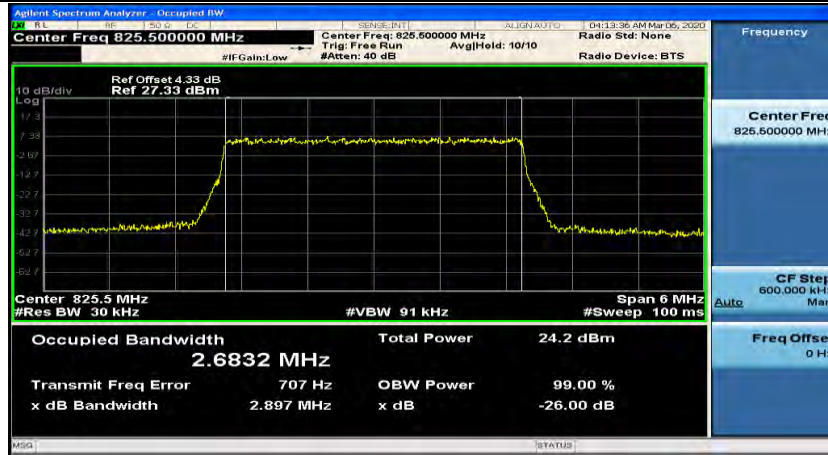


(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0

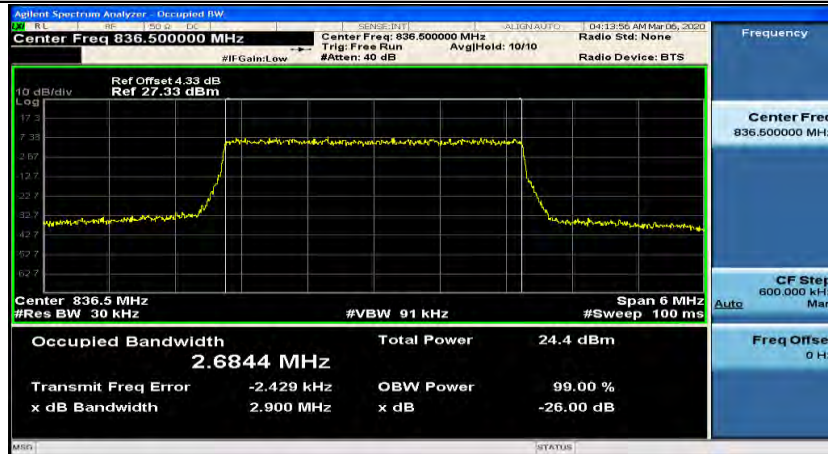




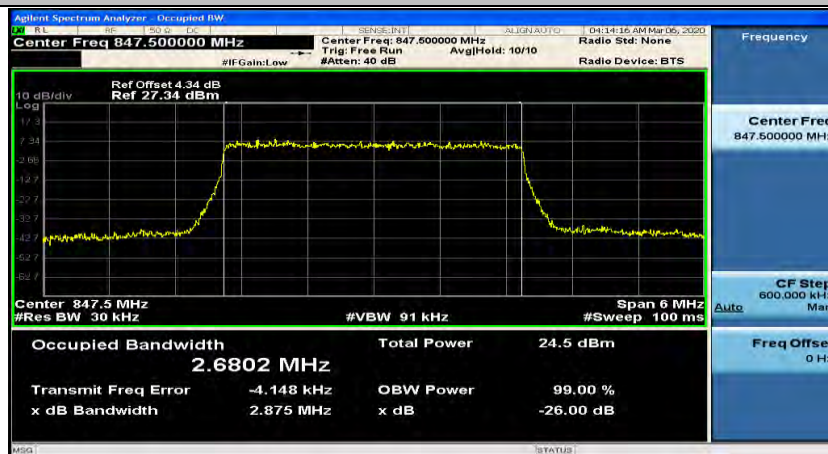
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



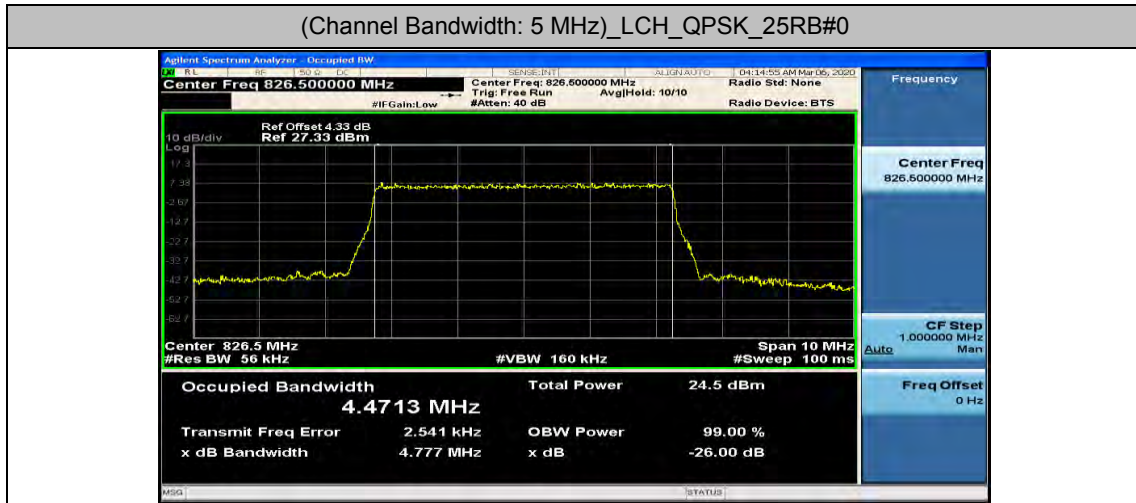
(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



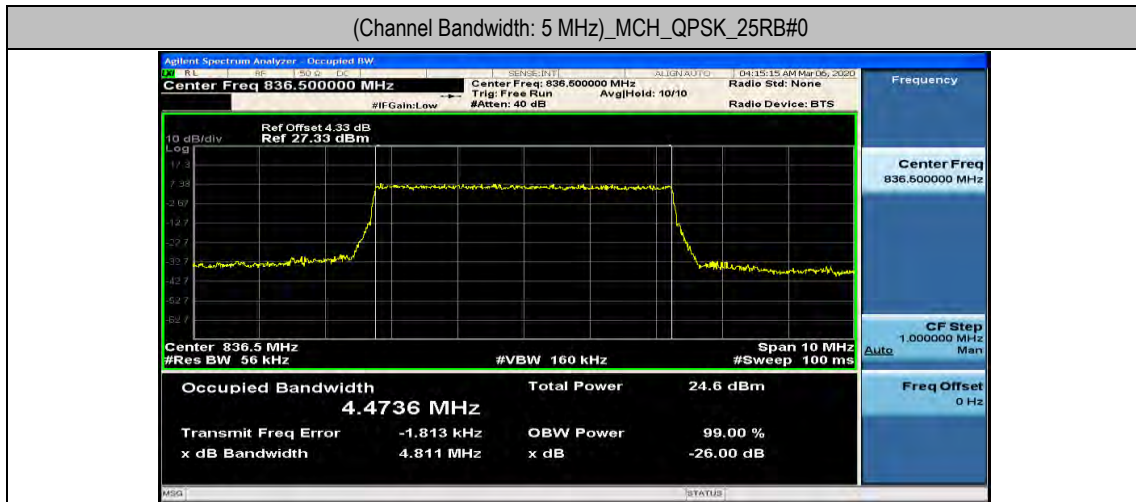


Channel Bandwidth: 5 MHz

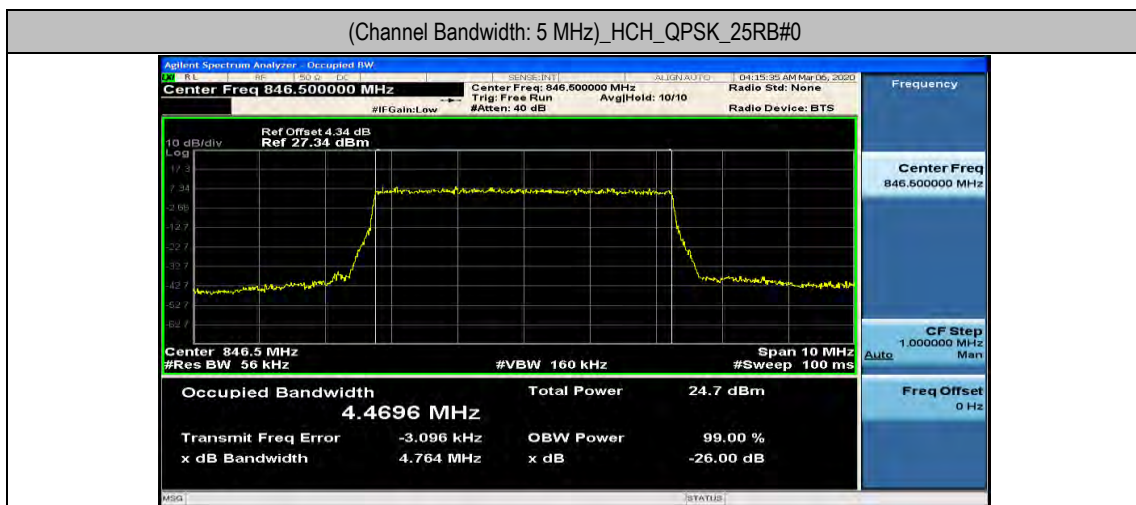
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

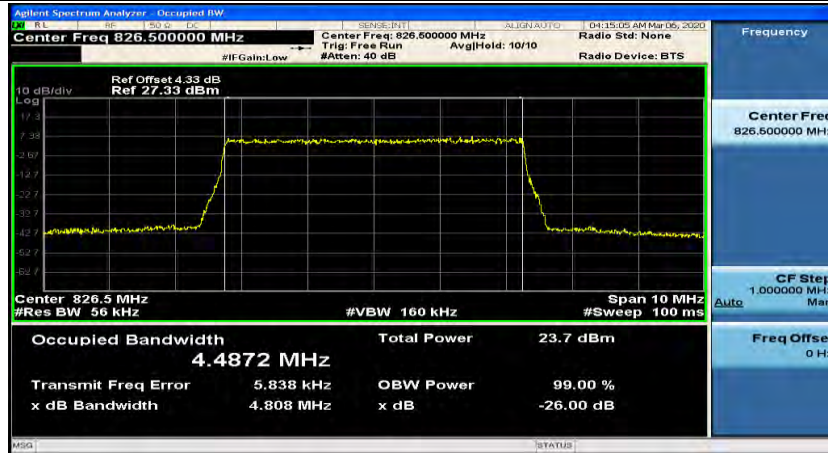


(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

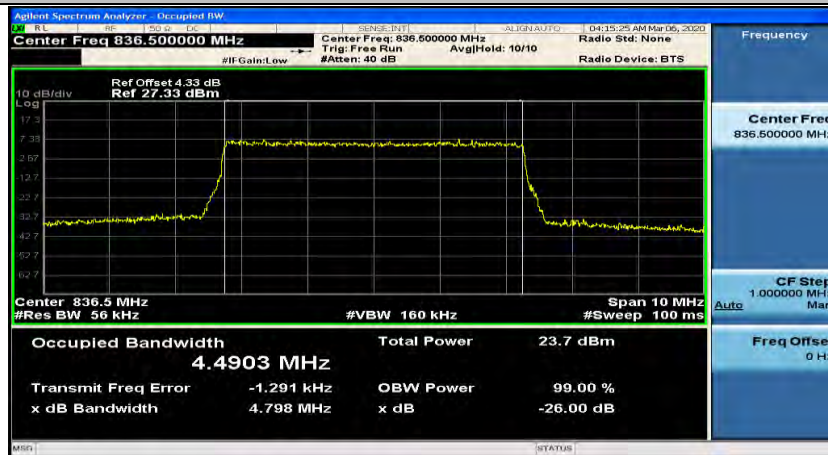




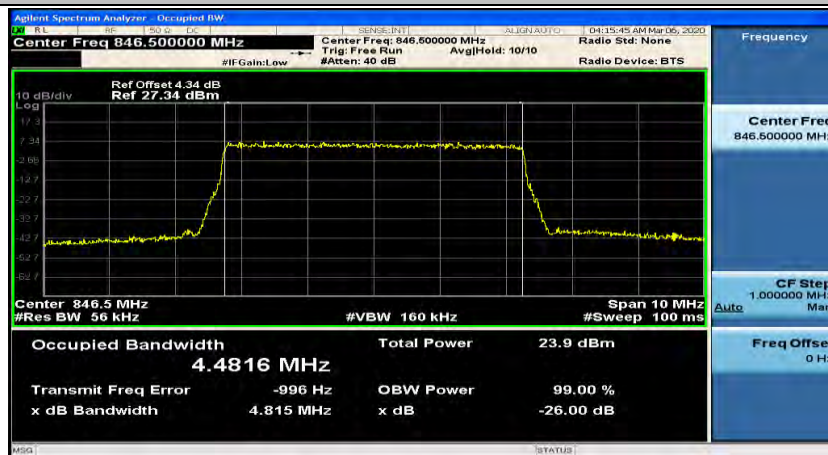
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



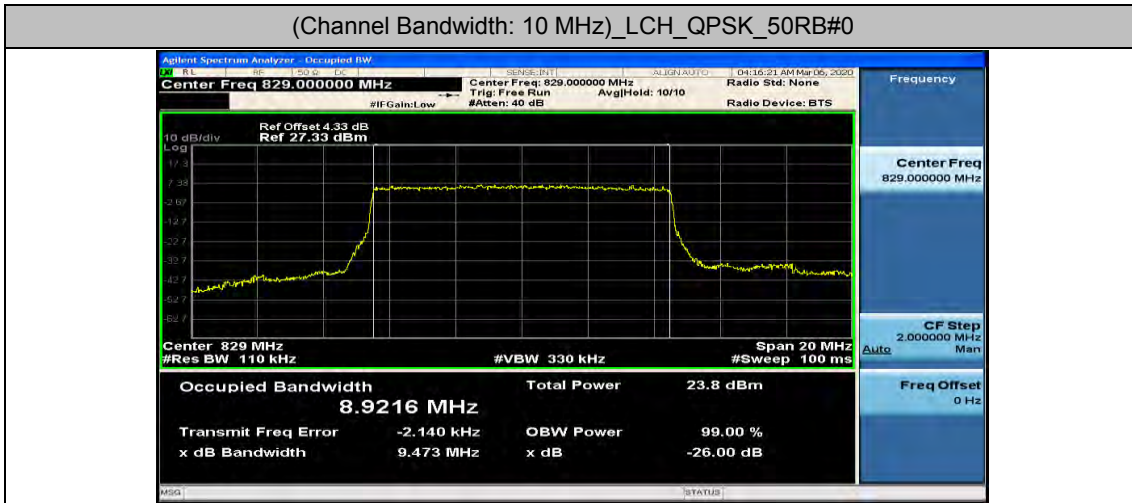
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



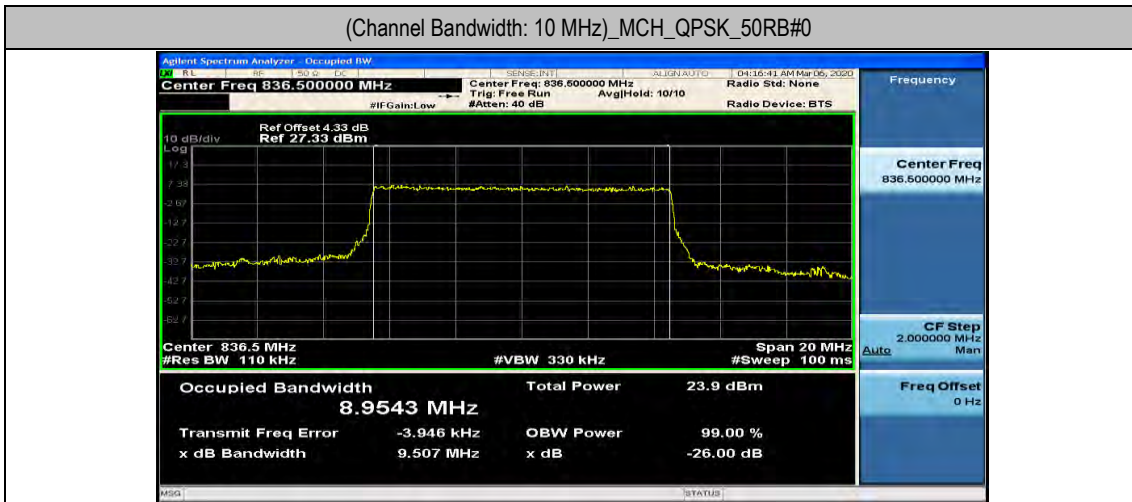


Channel Bandwidth: 10 MHz

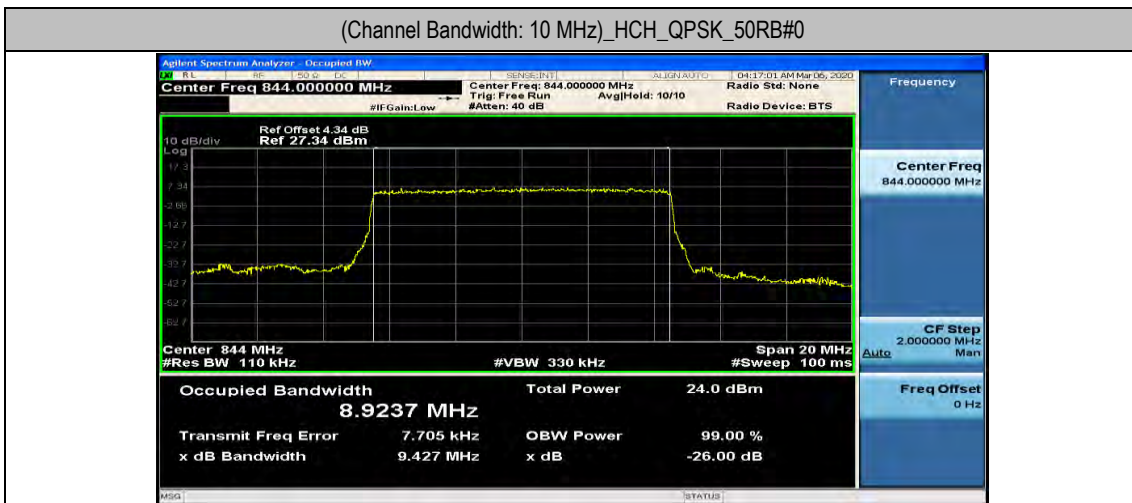
(Channel Bandwidth: 10 MHz)_LCH_QPSK_50RB#0



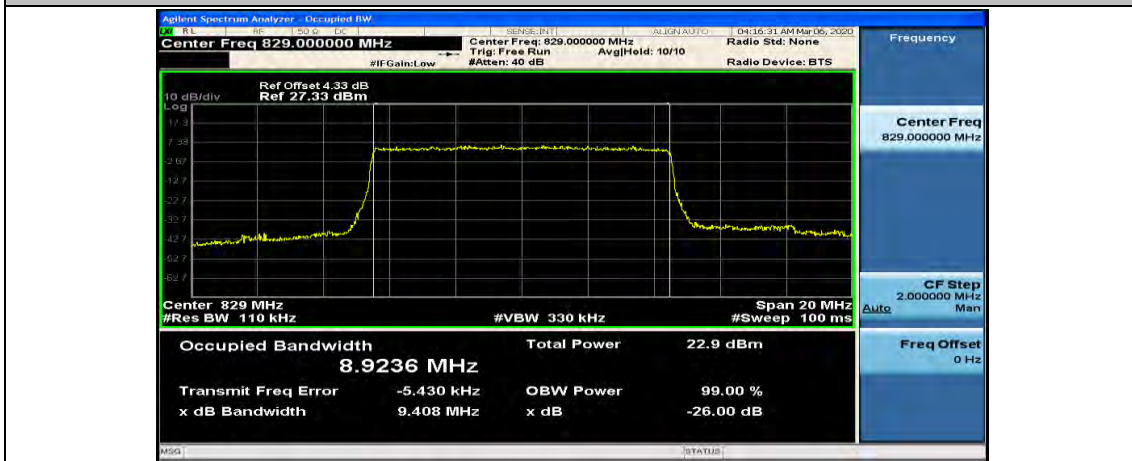
(Channel Bandwidth: 10 MHz)_MCH_QPSK_50RB#0



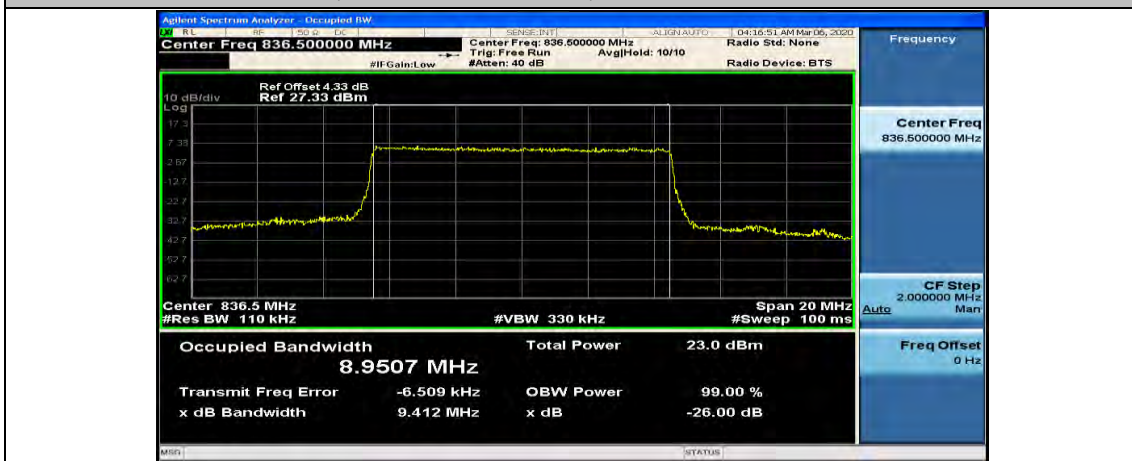
(Channel Bandwidth: 10 MHz)_HCH_QPSK_50RB#0



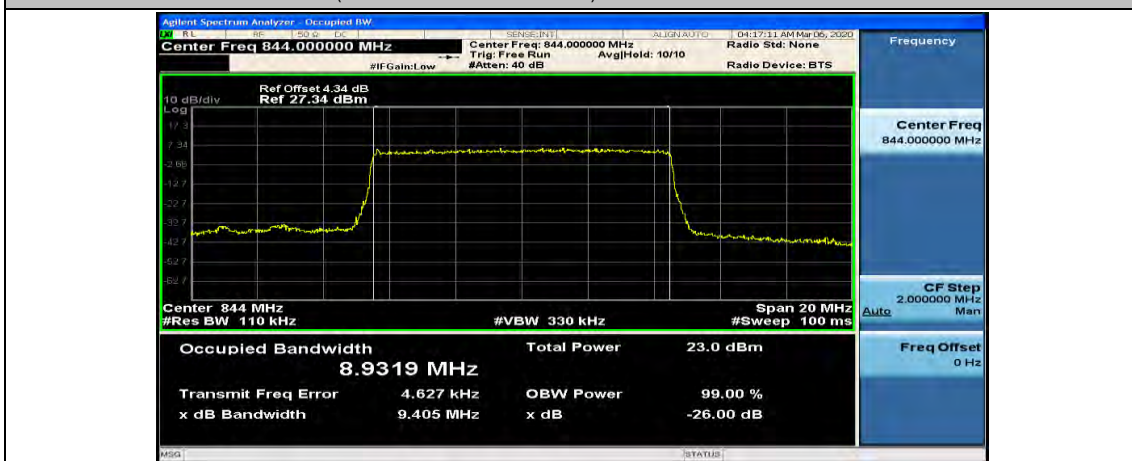
(Channel Bandwidth: 10 MHz)_LCH_16QAM_50RB#0



(Channel Bandwidth: 10 MHz)_MCH_16QAM_50RB#0



(Channel Bandwidth: 10 MHz)_HCH_16QAM_50RB#0

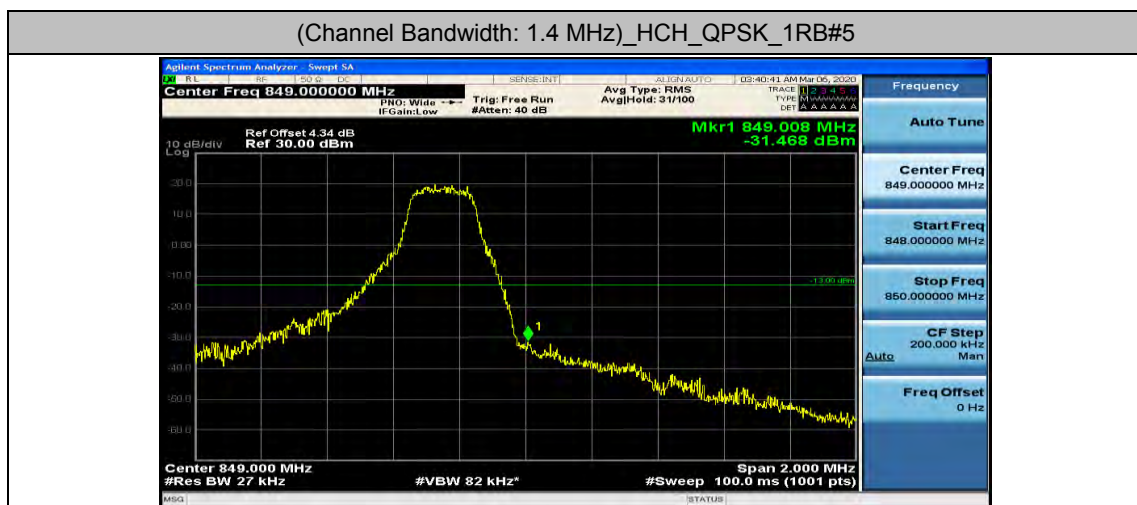
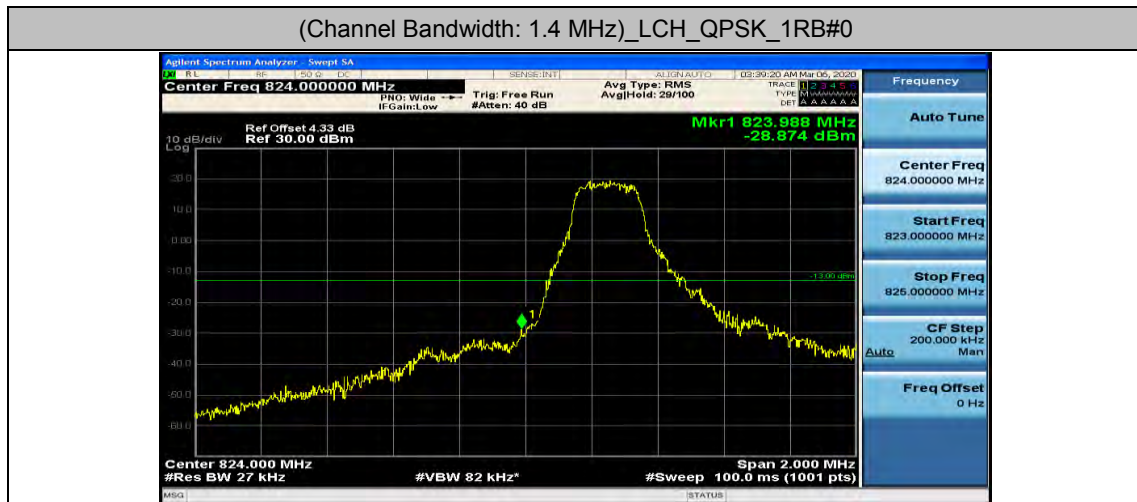




Appendix D: Band Edge

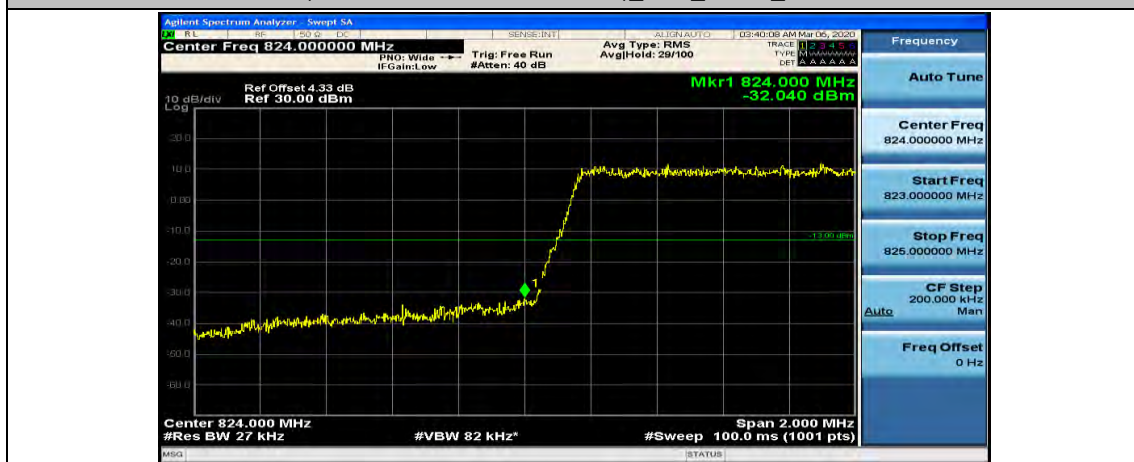
Test Graphs

Channel Bandwidth: 1.4 MHz





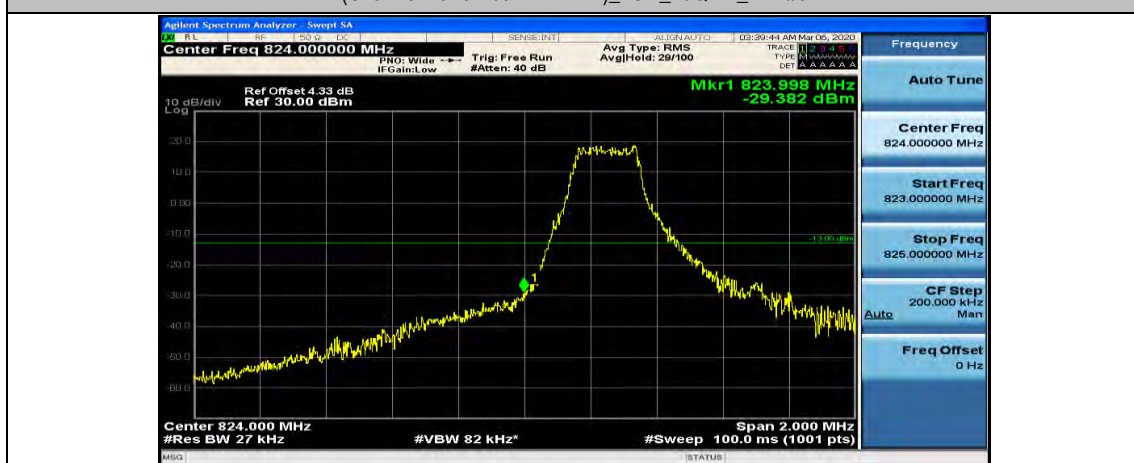
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0

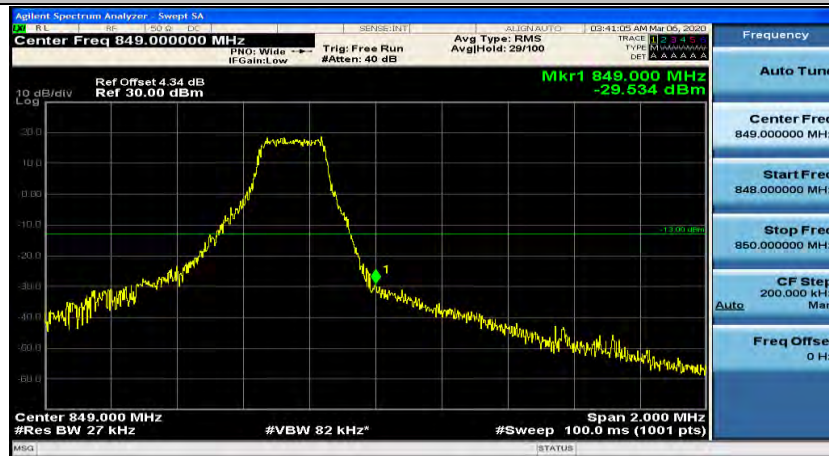


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0





(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



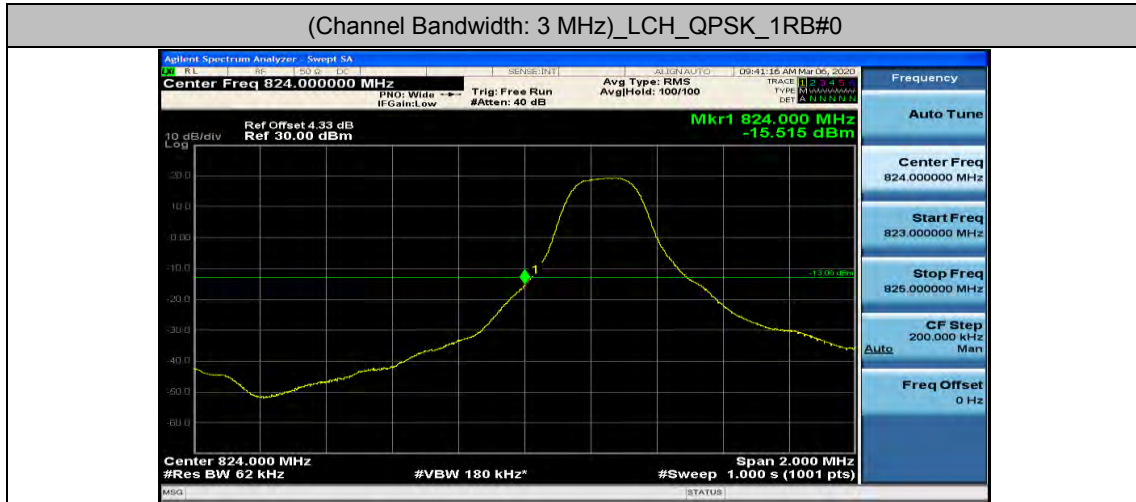
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



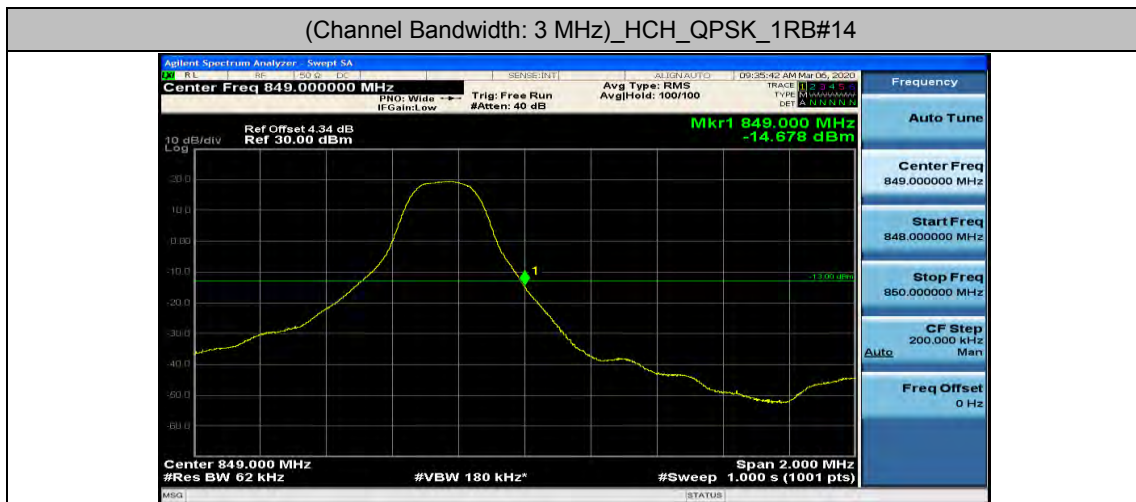


Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



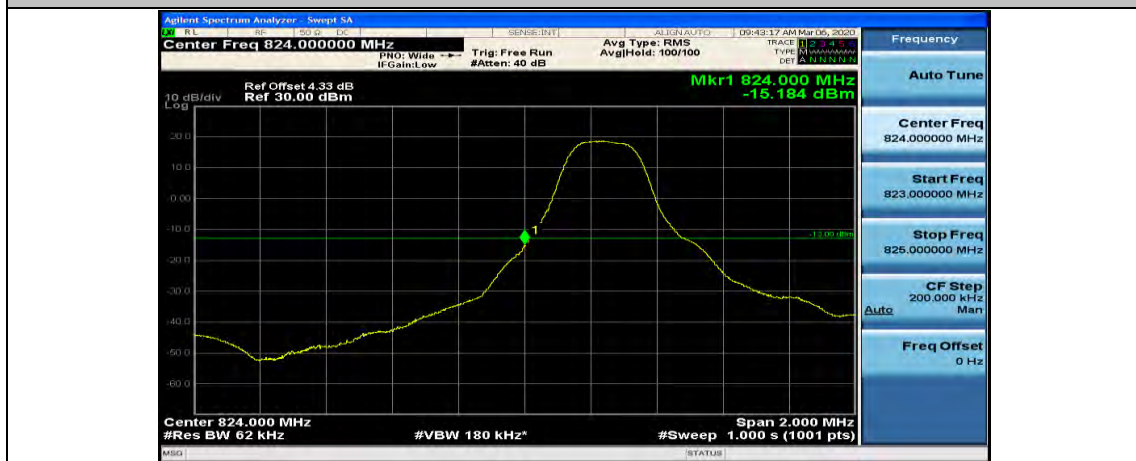
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0





(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0

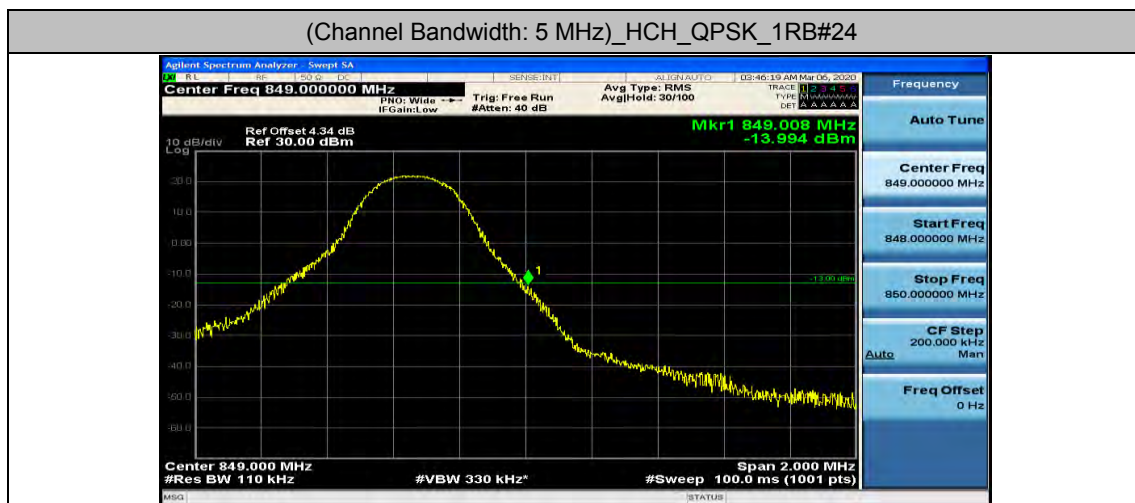
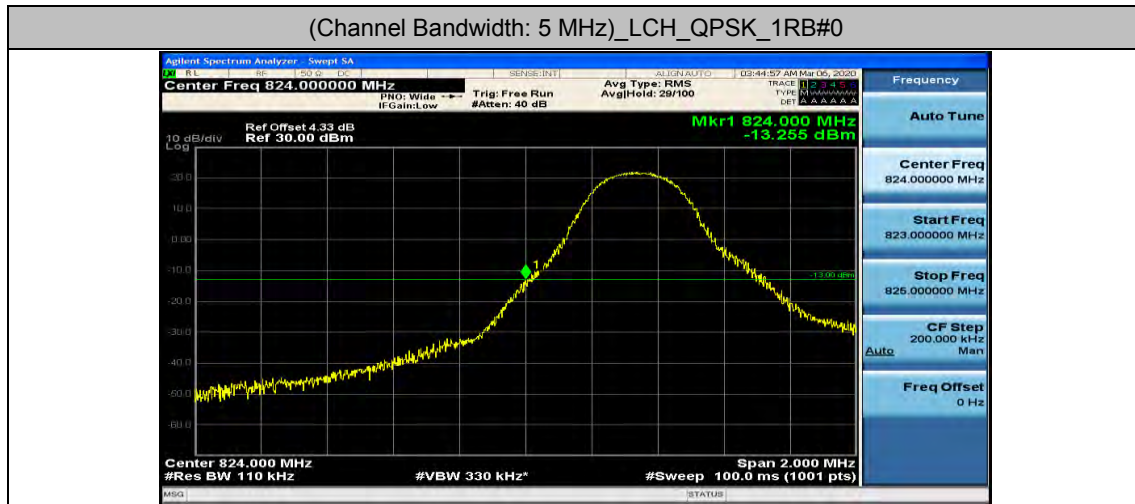


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0





Channel Bandwidth: 5 MHz





(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0

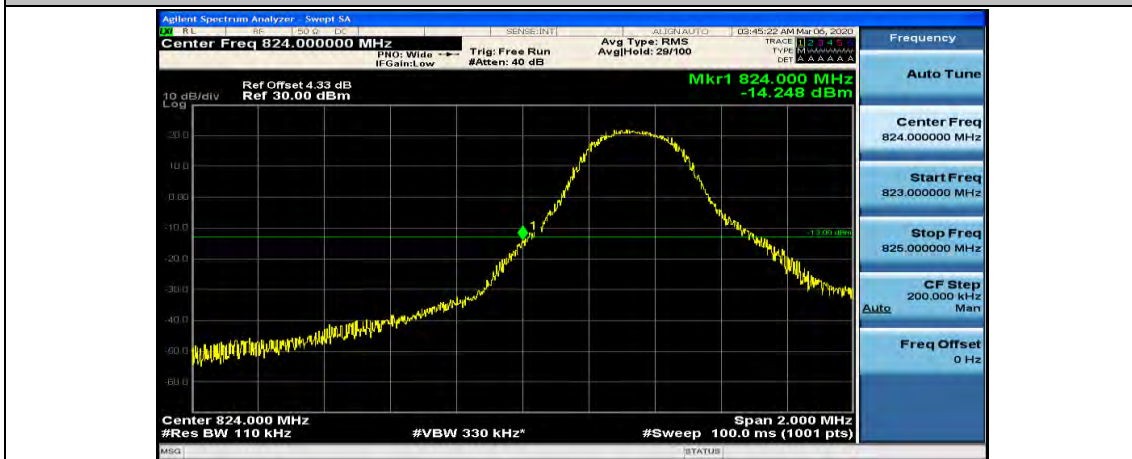


(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

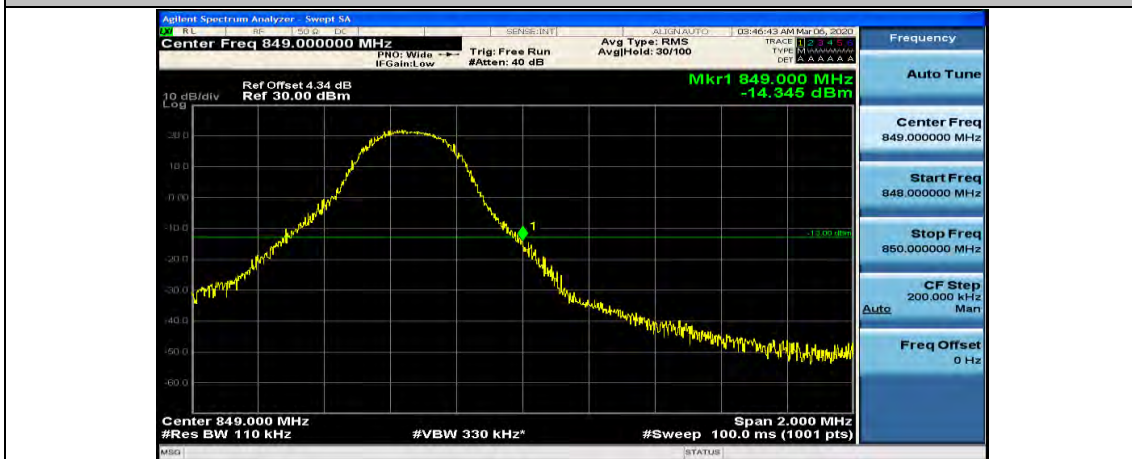




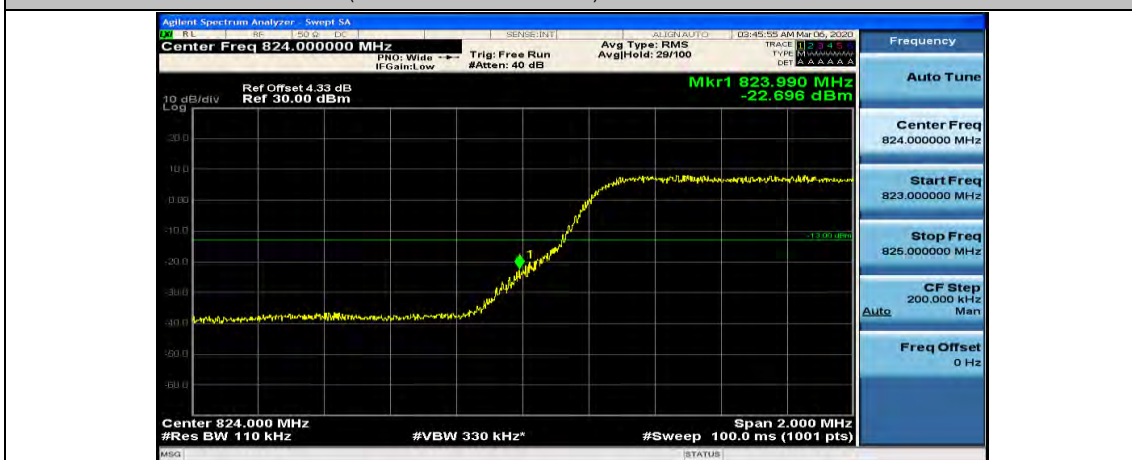
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

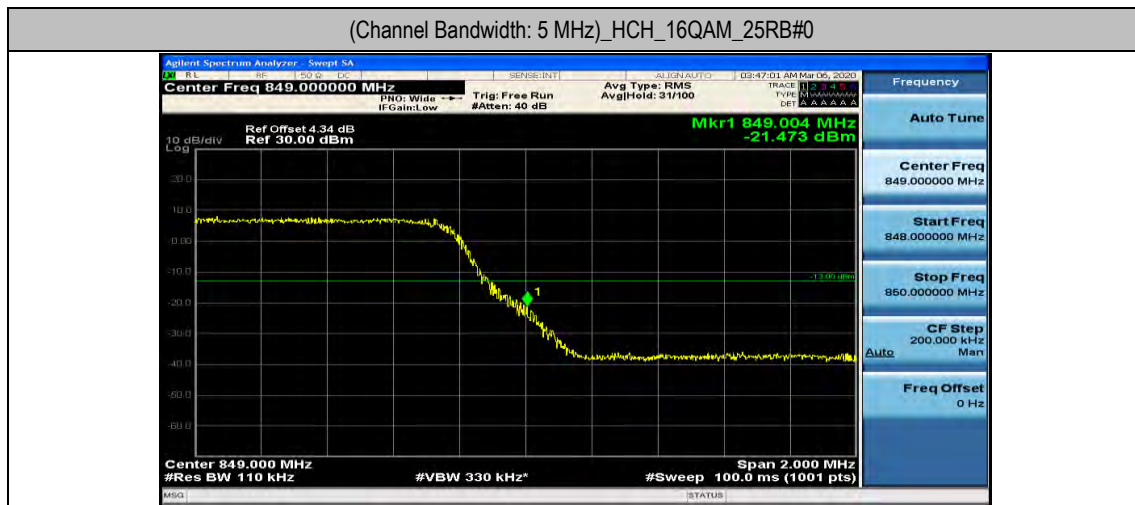


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

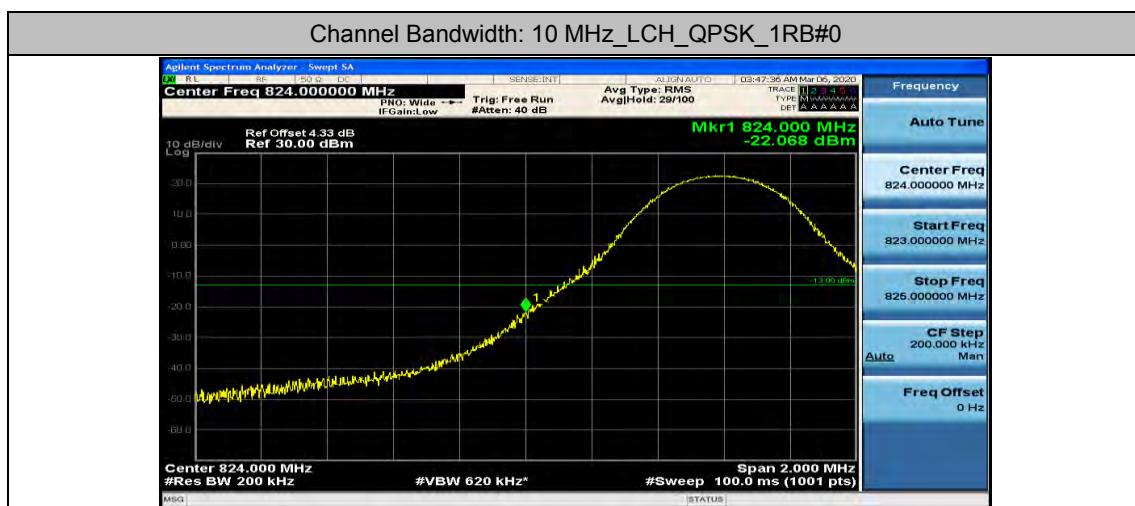


(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



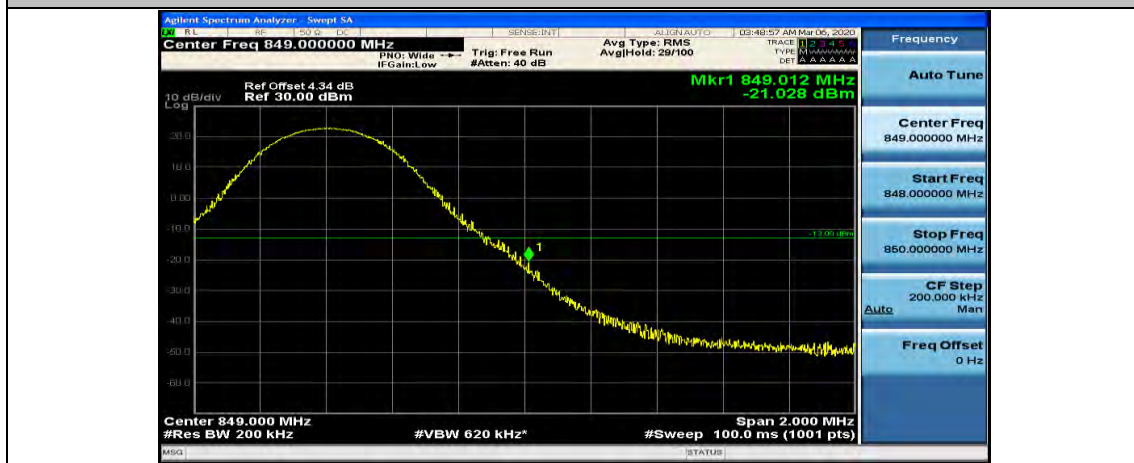


Channel Bandwidth: 10 MHz





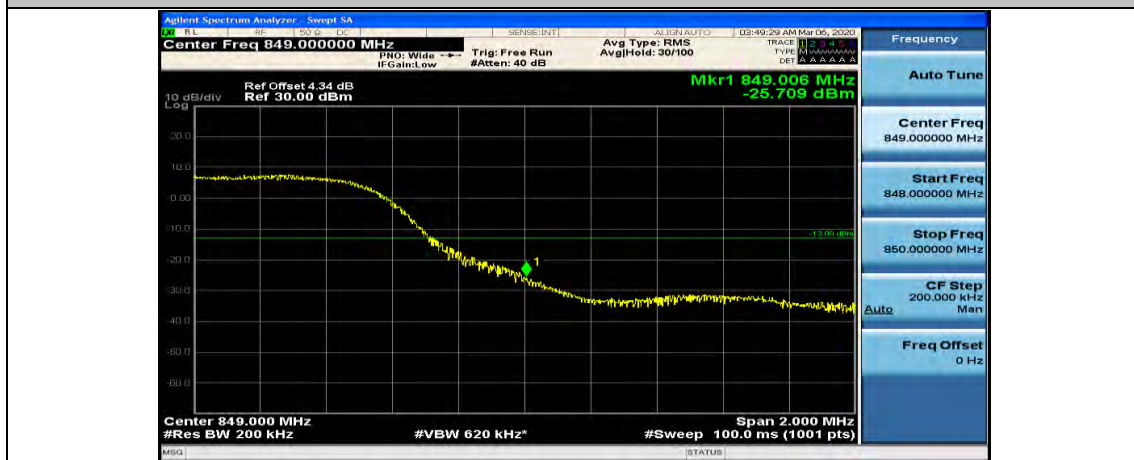
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



(Channel Bandwidth: 10 MHz)_LCH_QPSK_50RB#0

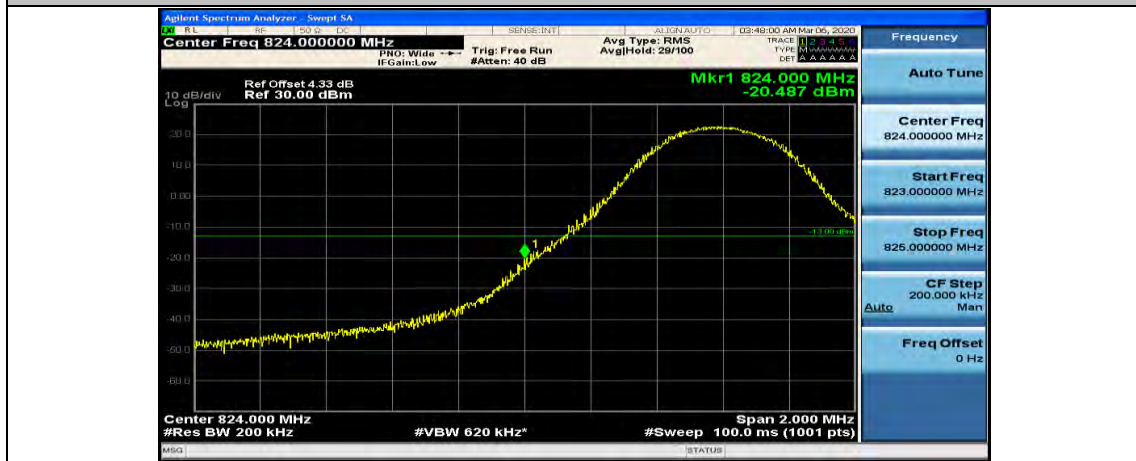


(Channel Bandwidth: 10 MHz)_HCH_QPSK_50RB#0

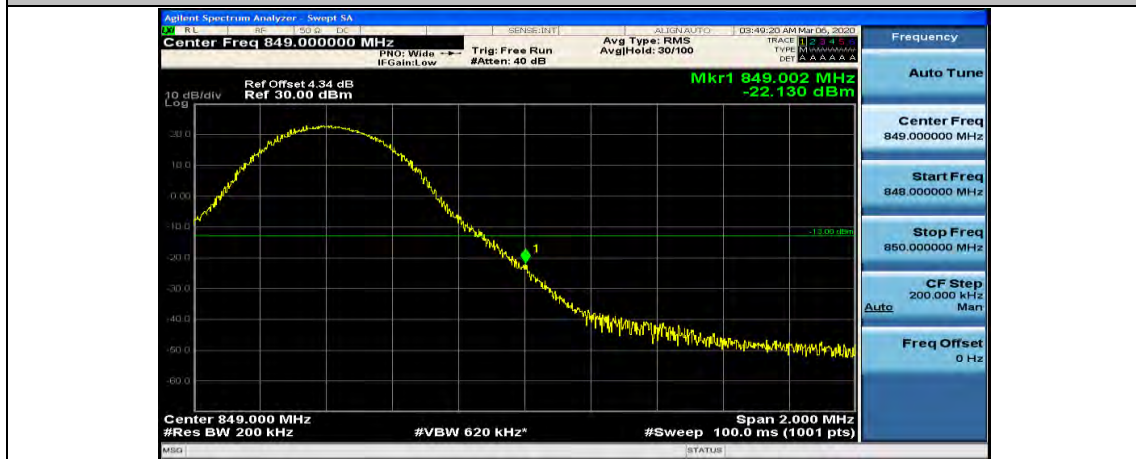




Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



(Channel Bandwidth: 10 MHz)_LCH_16QAM_50RB#0





(Channel Bandwidth: 10 MHz)_HCH_16QAM_50RB#0

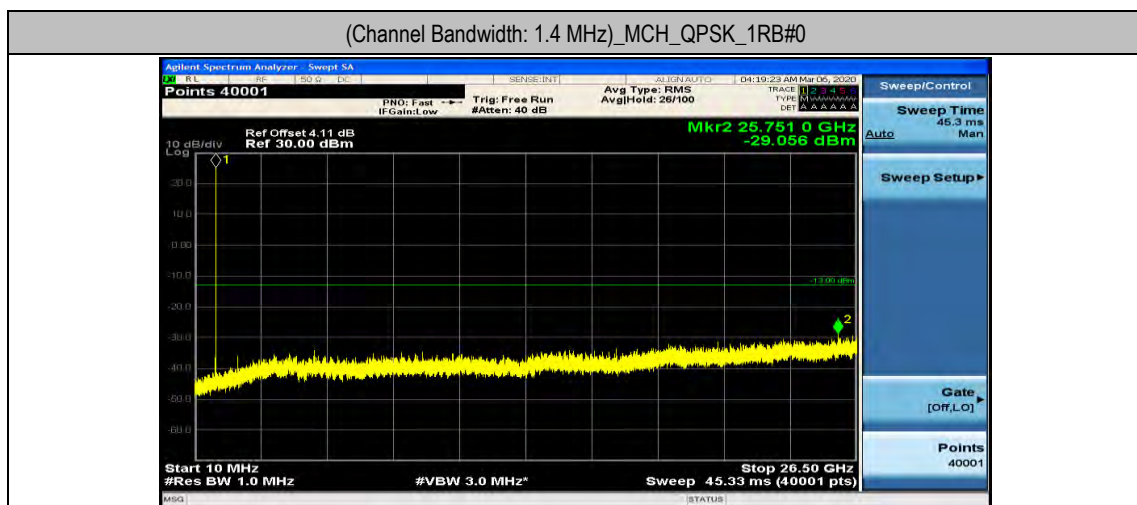
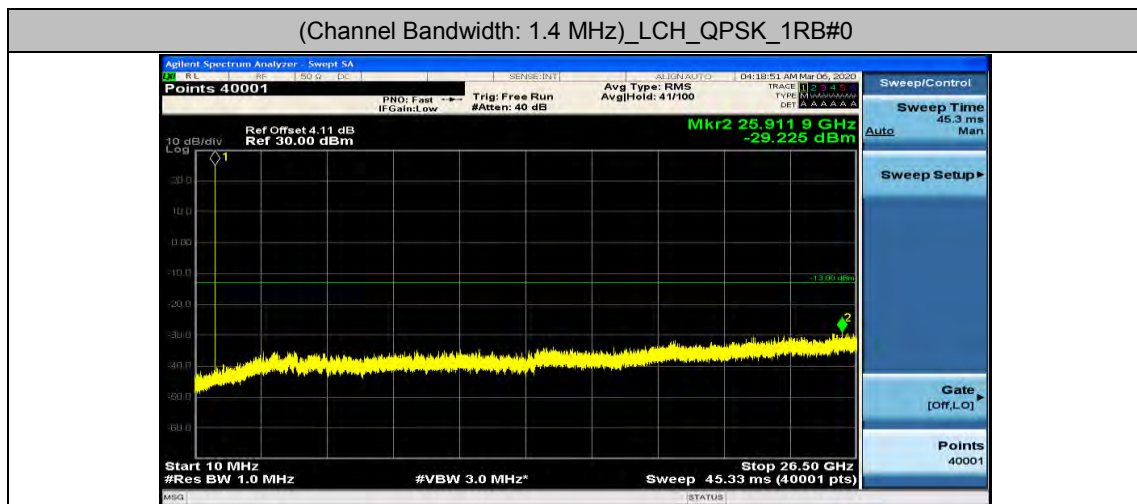




Appendix E: Conducted Spurious Emission

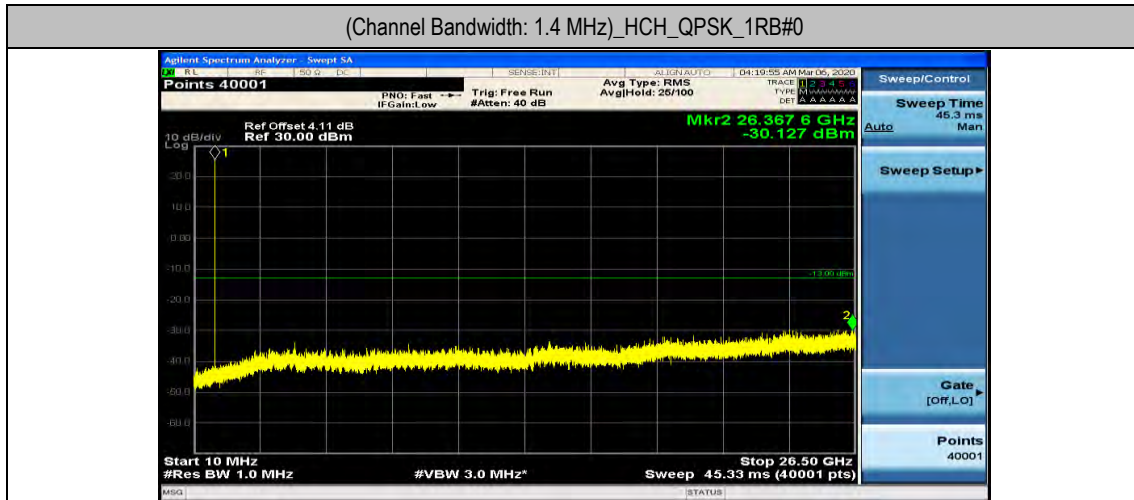
Test Graphs

Channel Bandwidth: 1.4 MHz



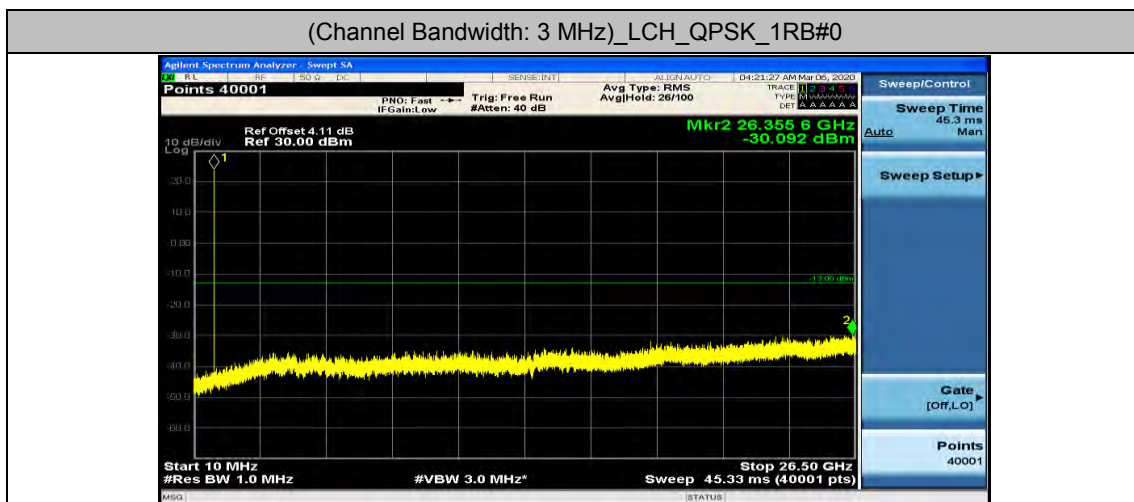


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

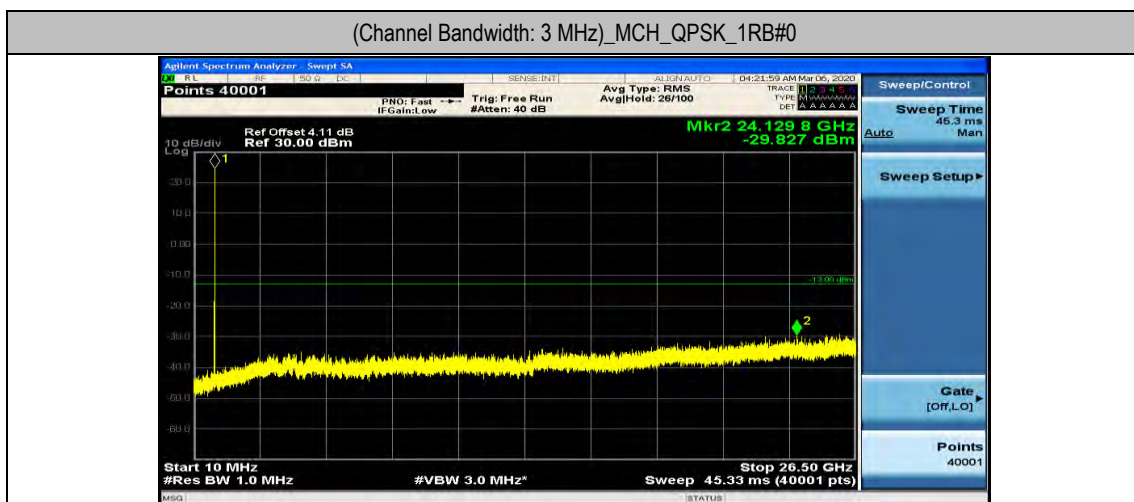


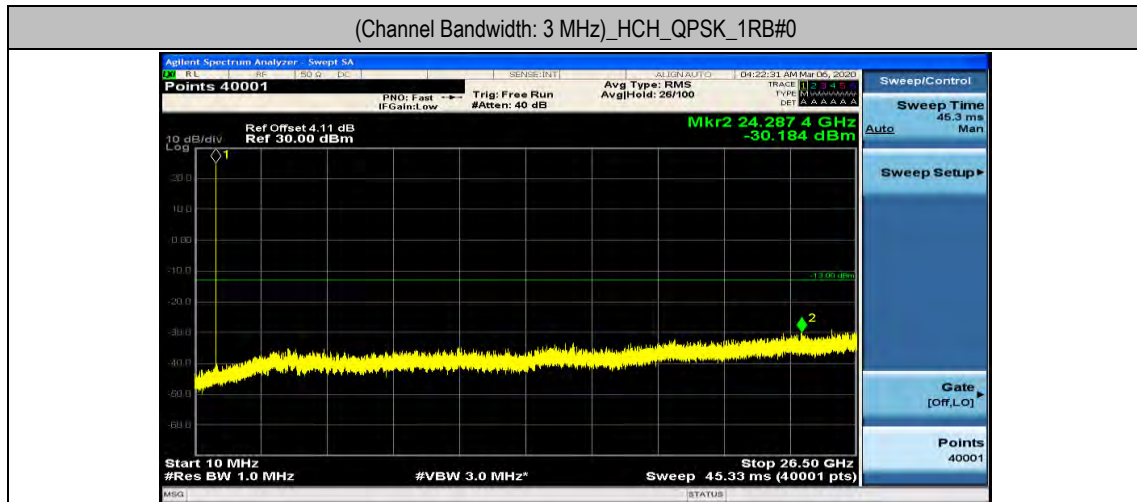
Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

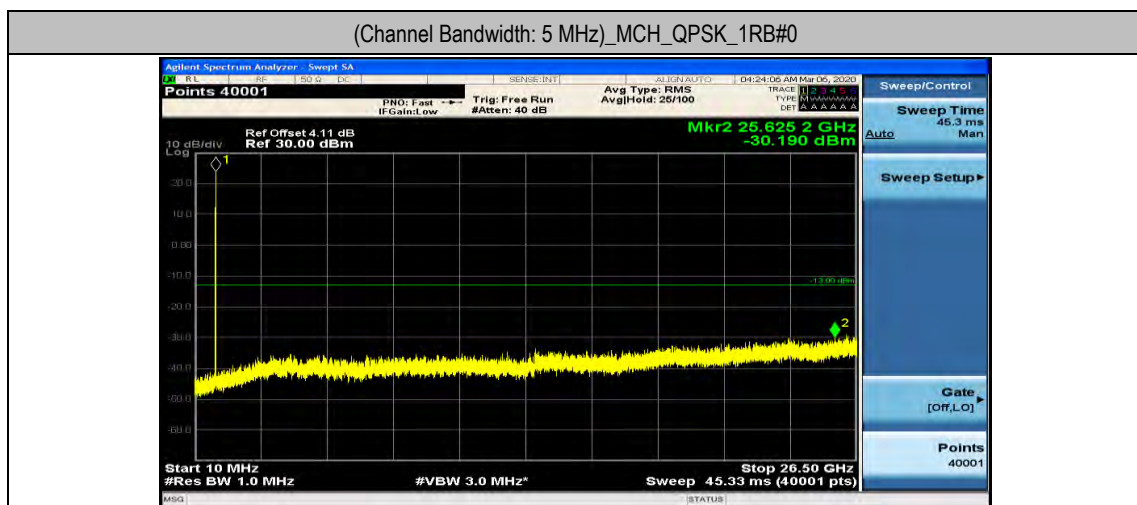
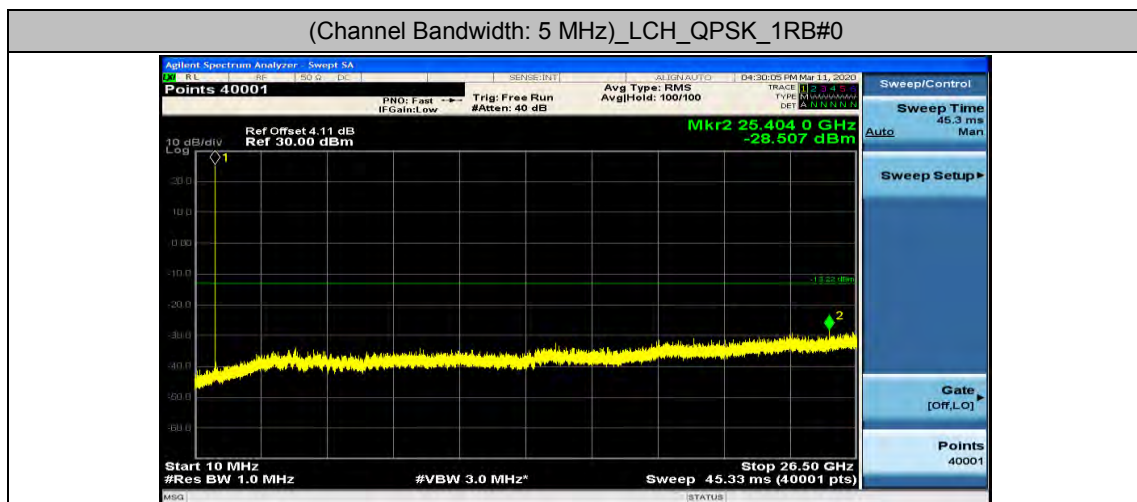


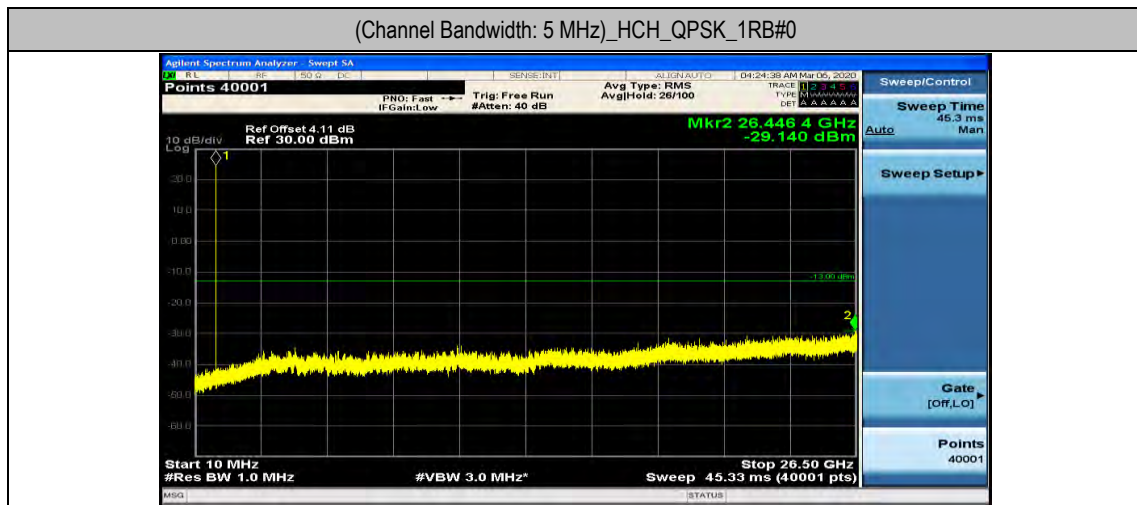
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



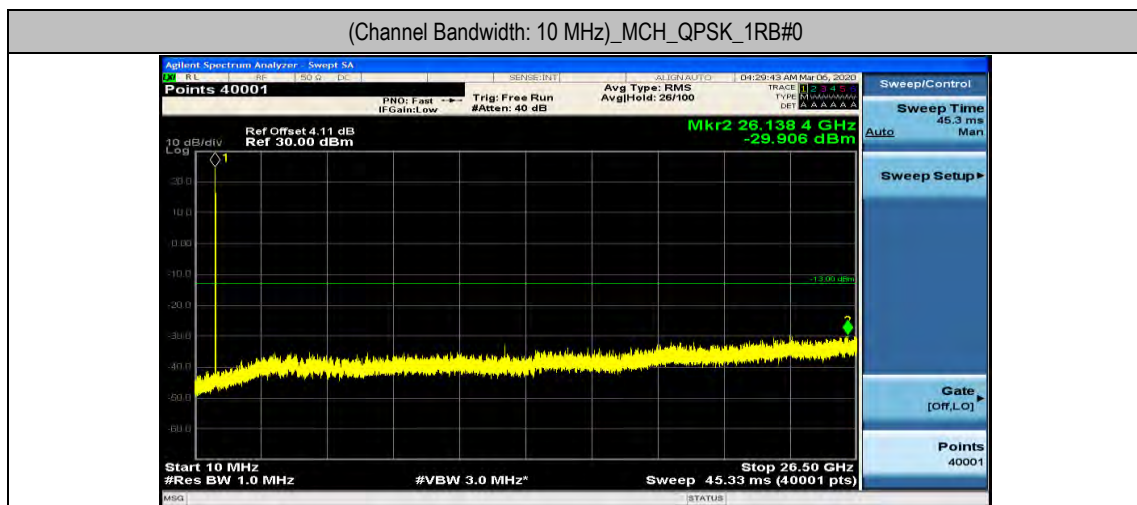
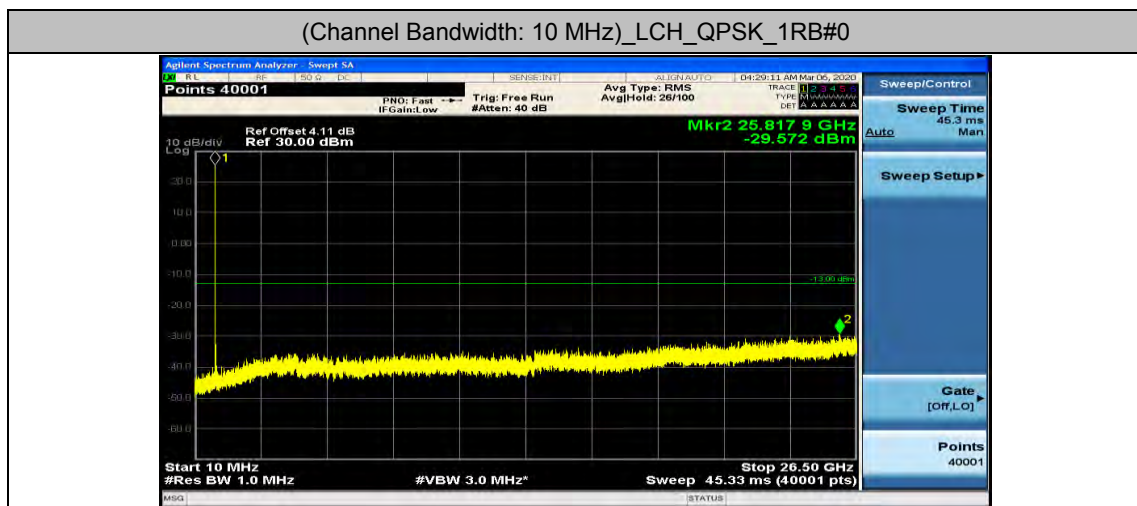


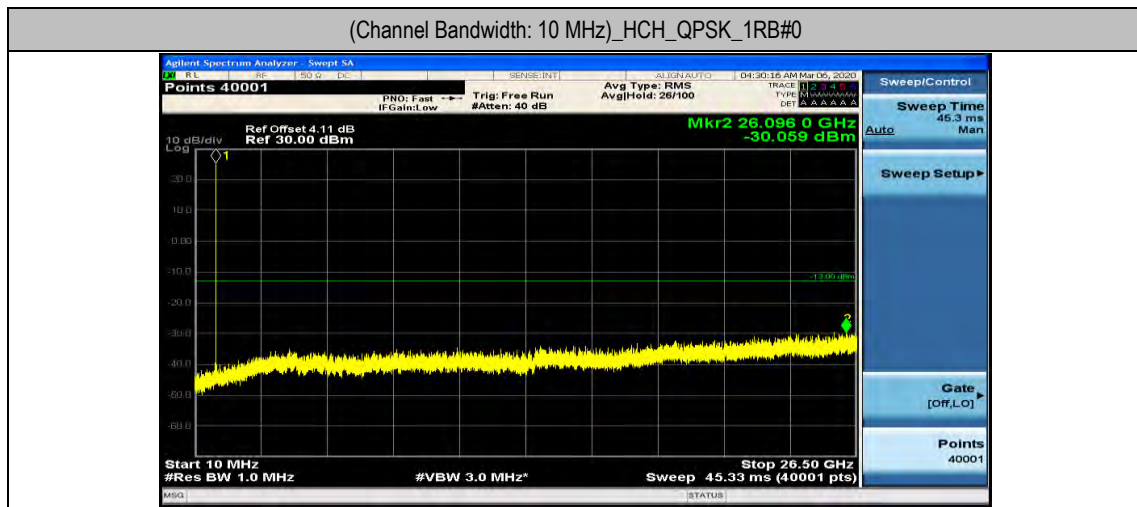
Channel Bandwidth: 5 MHz





Channel Bandwidth: 10 MHz





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	-4.10	-0.004972	± 2.5	PASS
		VN	TN	-0.20	-0.000243	± 2.5	PASS
		VH	TN	-2.00	-0.002425	± 2.5	PASS
	MCH	VL	TN	-4.70	-0.005619	± 2.5	PASS
		VN	TN	-1.90	-0.002271	± 2.5	PASS
		VH	TN	-5.30	-0.006336	± 2.5	PASS
	HCH	VL	TN	7.30	0.008605	± 2.5	PASS
		VN	TN	17.40	0.020512	± 2.5	PASS
		VH	TN	-0.40	-0.000472	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-2.30	-0.002789	± 2.5	PASS
		VN	-20	-6.70	-0.008124	± 2.5	PASS
		VN	-10	-0.40	-0.000485	± 2.5	PASS
		VN	0	-4.20	-0.005093	± 2.5	PASS
		VN	10	1.60	0.001940	± 2.5	PASS
		VN	20	1.60	0.001940	± 2.5	PASS
		VN	30	-3.50	-0.004244	± 2.5	PASS
		VN	40	-6.00	-0.007275	± 2.5	PASS
		VN	50	0.00	0.000000	± 2.5	PASS
	MCH	VN	-30	-4.00	-0.004782	± 2.5	PASS
		VN	-20	-2.70	-0.003228	± 2.5	PASS
		VN	-10	-1.30	-0.001554	± 2.5	PASS
		VN	0	-4.70	-0.005619	± 2.5	PASS
		VN	10	3.10	0.003706	± 2.5	PASS
		VN	20	-0.30	-0.000359	± 2.5	PASS
		VN	30	-3.80	-0.004543	± 2.5	PASS
		VN	40	-1.80	-0.002152	± 2.5	PASS
	VN	50	-0.70	-0.000837	± 2.5	PASS	
	HCH	VN	-30	-1.10	-0.001297	± 2.5	PASS
		VN	-20	-2.20	-0.002593	± 2.5	PASS
		VN	-10	-3.70	-0.004362	± 2.5	PASS
		VN	0	-2.70	-0.003183	± 2.5	PASS
		VN	10	-4.00	-0.004715	± 2.5	PASS
		VN	20	-3.40	-0.004008	± 2.5	PASS
		VN	30	-3.10	-0.003654	± 2.5	PASS



		VN	40	-3.90	-0.004597	± 2.5	PASS
		VN	50	-5.00	-0.005894	± 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	6.20	0.007511	± 2.5	PASS
		VN	TN	5.90	0.007147	± 2.5	PASS
		VH	TN	5.50	0.006663	± 2.5	PASS
	MCH	VL	TN	-7.60	-0.009085	± 2.5	PASS
		VN	TN	-4.20	-0.005021	± 2.5	PASS
		VH	TN	-7.00	-0.008368	± 2.5	PASS
	HCH	VL	TN	5.00	0.005900	± 2.5	PASS
		VN	TN	-2.50	-0.002950	± 2.5	PASS
		VH	TN	-2.80	-0.003304	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.00	0.002423	± 2.5	PASS
		VN	-20	8.10	0.009812	± 2.5	PASS
		VN	-10	5.50	0.006663	± 2.5	PASS
		VN	0	2.20	0.002665	± 2.5	PASS
		VN	10	1.30	0.001575	± 2.5	PASS
		VN	20	-0.80	-0.000969	± 2.5	PASS
		VN	30	4.10	0.004967	± 2.5	PASS
		VN	40	0.90	0.001090	± 2.5	PASS
		VN	50	4.10	0.004967	± 2.5	PASS
	MCH	VN	-30	-3.90	-0.004662	± 2.5	PASS
		VN	-20	-6.50	-0.007770	± 2.5	PASS
		VN	-10	-2.40	-0.002869	± 2.5	PASS
		VN	0	-6.10	-0.007292	± 2.5	PASS
		VN	10	-0.10	-0.000120	± 2.5	PASS
		VN	20	-3.80	-0.004543	± 2.5	PASS
		VN	30	0.30	0.000359	± 2.5	PASS
		VN	40	-3.10	-0.003706	± 2.5	PASS
		VN	50	0.30	0.000359	± 2.5	PASS
	HCH	VN	-30	1.70	0.002006	± 2.5	PASS
		VN	-20	0.20	0.000236	± 2.5	PASS
		VN	-10	1.20	0.001416	± 2.5	PASS
		VN	0	-0.20	-0.000236	± 2.5	PASS
		VN	10	3.00	0.003540	± 2.5	PASS
		VN	20	-3.20	-0.003776	± 2.5	PASS
		VN	30	-1.00	-0.001180	± 2.5	PASS
		VN	40	-1.50	-0.001770	± 2.5	PASS
		VN	50	-1.00	-0.001180	± 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	-4.30	-0.005203	± 2.5	PASS
		VN	TN	2.80	0.003388	± 2.5	PASS
		VH	TN	2.80	0.003388	± 2.5	PASS
	MCH	VL	TN	-3.50	-0.004184	± 2.5	PASS
		VN	TN	-4.70	-0.005619	± 2.5	PASS
		VH	TN	-1.10	-0.001315	± 2.5	PASS
	HCH	VL	TN	2.20	0.002599	± 2.5	PASS
		VN	TN	4.10	0.004843	± 2.5	PASS
		VH	TN	1.20	0.001418	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.20	0.002662	± 2.5	PASS
		VN	-20	2.40	0.002904	± 2.5	PASS
		VN	-10	2.40	0.002904	± 2.5	PASS
		VN	0	-1.50	-0.001815	± 2.5	PASS
		VN	10	1.00	0.001210	± 2.5	PASS
		VN	20	-2.50	-0.003025	± 2.5	PASS
		VN	30	4.40	0.005324	± 2.5	PASS
		VN	40	1.70	0.002057	± 2.5	PASS
		VN	50	-0.70	-0.000847	± 2.5	PASS
	MCH	VN	-30	-4.40	-0.005260	± 2.5	PASS
		VN	-20	1.60	0.001913	± 2.5	PASS
		VN	-10	0.20	0.000239	± 2.5	PASS
		VN	0	-5.20	-0.006216	± 2.5	PASS
		VN	10	-0.70	-0.000837	± 2.5	PASS
		VN	20	-2.30	-0.002750	± 2.5	PASS
		VN	30	-3.50	-0.004184	± 2.5	PASS
		VN	40	2.30	0.002750	± 2.5	PASS
		VN	50	-0.80	-0.000956	± 2.5	PASS
	HCH	VN	-30	-1.60	-0.001890	± 2.5	PASS
		VN	-20	6.70	0.007915	± 2.5	PASS
		VN	-10	7.50	0.008860	± 2.5	PASS
		VN	0	8.90	0.010514	± 2.5	PASS
		VN	10	0.50	0.000591	± 2.5	PASS
		VN	20	1.30	0.001536	± 2.5	PASS
		VN	30	1.40	0.001654	± 2.5	PASS
		VN	40	0.50	0.000591	± 2.5	PASS
	VN	50	-3.60	-0.004253	± 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	VL	TN	-5.40	-0.006514	± 2.5	PASS
		VN	TN	-6.50	-0.007841	± 2.5	PASS
		VH	TN	-4.30	-0.005187	± 2.5	PASS
	MCH	VL	TN	-2.50	-0.002989	± 2.5	PASS
		VN	TN	-0.50	-0.000598	± 2.5	PASS
		VH	TN	-3.40	-0.004065	± 2.5	PASS
	HCH	VL	TN	-1.00	-0.001185	± 2.5	PASS
		VN	TN	-6.90	-0.008175	± 2.5	PASS
		VH	TN	-6.00	-0.007109	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-2.20	-0.002654	± 2.5	PASS
		VN	-20	-1.40	-0.001689	± 2.5	PASS
		VN	-10	-6.50	-0.007841	± 2.5	PASS
		VN	0	-2.80	-0.003378	± 2.5	PASS
		VN	10	0.70	0.000844	± 2.5	PASS
		VN	20	-1.50	-0.001809	± 2.5	PASS
		VN	30	-7.30	-0.008806	± 2.5	PASS
		VN	40	-7.80	-0.009409	± 2.5	PASS
		VN	50	0.10	0.000121	± 2.5	PASS
	MCH	VN	-30	-5.80	-0.006934	± 2.5	PASS
		VN	-20	-7.40	-0.008846	± 2.5	PASS
		VN	-10	0.50	0.000598	± 2.5	PASS
		VN	0	0.70	0.000837	± 2.5	PASS
		VN	10	-0.20	-0.000239	± 2.5	PASS
		VN	20	1.10	0.001315	± 2.5	PASS
		VN	30	-6.80	-0.008129	± 2.5	PASS
		VN	40	0.30	0.000359	± 2.5	PASS
		VN	50	-2.20	-0.002630	± 2.5	PASS
	HCH	VN	-30	1.10	0.001303	± 2.5	PASS
		VN	-20	-4.90	-0.005806	± 2.5	PASS
		VN	-10	-6.00	-0.007109	± 2.5	PASS
		VN	0	-5.20	-0.006161	± 2.5	PASS
		VN	10	-0.10	-0.000118	± 2.5	PASS
		VN	20	-1.30	-0.001540	± 2.5	PASS
		VN	30	-4.30	-0.005095	± 2.5	PASS
		VN	40	-5.60	-0.006635	± 2.5	PASS
		VN	50	-6.30	-0.007464	± 2.5	PASS