



Appendix A: Average Output Power Data

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.42	PASS
		1	12	22.45	PASS
		1	24	22.46	PASS
		12	0	21.47	PASS
		12	6	21.54	PASS
		12	13	21.49	PASS
		25	0	21.51	PASS
	MCH	1	0	22.53	PASS
		1	12	22.51	PASS
		1	24	22.42	PASS
		12	0	21.57	PASS
		12	6	21.53	PASS
		12	13	21.67	PASS
		25	0	21.53	PASS
	HCH	1	0	22.42	PASS
		1	12	22.40	PASS
		1	24	22.24	PASS
		12	0	21.51	PASS
		12	6	21.54	PASS
		12	13	21.48	PASS
		25	0	21.37	PASS
16QAM	LCH	1	0	22.26	PASS
		1	12	22.31	PASS
		1	24	22.32	PASS
		12	0	21.34	PASS
		12	6	21.37	PASS
		12	13	21.39	PASS
		25	0	21.33	PASS
	MCH	1	0	22.31	PASS
		1	12	22.34	PASS
		1	24	22.33	PASS
		12	0	21.43	PASS
		12	6	21.50	PASS

		12	13	21.58	PASS
		25	0	21.44	PASS
	HCH	1	0	22.21	PASS
		1	12	22.24	PASS
		1	24	22.19	PASS
		12	0	21.27	PASS
		12	6	21.29	PASS
		12	13	21.25	PASS
		25	0	21.29	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.46	PASS
		1	24	22.50	PASS
		1	49	22.46	PASS
		25	0	21.51	PASS
		25	12	21.51	PASS
		25	25	21.53	PASS
		50	0	21.51	PASS
	MCH	1	0	22.38	PASS
		1	24	22.50	PASS
		1	49	22.56	PASS
		25	0	21.58	PASS
		25	12	21.59	PASS
		25	25	21.53	PASS
		50	0	21.53	PASS
	HCH	1	0	22.40	PASS
		1	24	22.32	PASS
		1	49	22.39	PASS
		25	0	21.55	PASS
		25	12	21.41	PASS
		25	25	21.41	PASS
		50	0	21.36	PASS
16QAM	LCH	1	0	22.29	PASS
		1	24	22.31	PASS
		1	49	22.39	PASS
		25	0	21.38	PASS
		25	12	21.38	PASS
		25	25	21.41	PASS
		50	0	21.38	PASS

	MCH	1	0	22.33	PASS
		1	24	22.49	PASS
		1	49	22.57	PASS
		25	0	21.63	PASS
		25	12	21.47	PASS
		25	25	21.53	PASS
		50	0	21.50	PASS
	HCH	1	0	22.76	PASS
		1	24	22.26	PASS
		1	49	22.64	PASS
		25	0	21.52	PASS
		25	12	21.40	PASS
		25	25	21.48	PASS
		50	0	21.50	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.47	PASS
		1	37	22.44	PASS
		1	74	22.54	PASS
		36	0	21.52	PASS
		36	19	21.53	PASS
		36	39	21.49	PASS
		75	0	21.55	PASS
	MCH	1	0	22.51	PASS
		1	37	22.60	PASS
		1	74	22.51	PASS
		36	0	21.52	PASS
		36	19	21.55	PASS
		36	39	21.41	PASS
		75	0	21.44	PASS
	HCH	1	0	22.42	PASS
		1	37	22.32	PASS
		1	74	22.43	PASS
		36	0	21.41	PASS
		36	19	21.45	PASS
		36	39	21.40	PASS
		75	0	21.54	PASS
16QAM	LCH	1	0	22.29	PASS
		1	37	22.38	PASS

		1	74	22.47	PASS
		36	0	21.35	PASS
		36	19	21.42	PASS
		36	39	21.42	PASS
		75	0	21.40	PASS
	MCH	1	0	22.50	PASS
		1	37	22.40	PASS
		1	74	22.64	PASS
		36	0	21.66	PASS
		36	19	21.50	PASS
		36	39	21.46	PASS
		75	0	21.53	PASS
	HCH	1	0	22.32	PASS
		1	37	22.29	PASS
		1	74	22.27	PASS
		36	0	21.35	PASS
		36	19	21.39	PASS
		36	39	21.36	PASS
		75	0	21.37	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.49	PASS
		1	49	22.49	PASS
		1	99	22.42	PASS
		50	0	21.61	PASS
		50	25	21.46	PASS
		50	50	21.48	PASS
		100	0	21.52	PASS
	MCH	1	0	22.41	PASS
		1	49	22.45	PASS
		1	99	22.45	PASS
		50	0	21.78	PASS
		50	25	21.73	PASS
		50	50	21.73	PASS
		100	0	21.68	PASS
	HCH	1	0	22.43	PASS
		1	49	22.30	PASS
		1	99	22.38	PASS
		50	0	21.51	PASS



16QAM			50	25	21.56	PASS
			50	50	21.49	PASS
			100	0	21.55	PASS
	LCH		1	0	22.31	PASS
			1	49	22.32	PASS
			1	99	22.39	PASS
			50	0	21.38	PASS
			50	25	21.43	PASS
			50	50	21.46	PASS
			100	0	21.43	PASS
	MCH		1	0	22.41	PASS
			1	49	22.40	PASS
			1	99	22.46	PASS
			50	0	21.70	PASS
			50	25	21.56	PASS
			50	50	21.70	PASS
			100	0	21.56	PASS
	HCH		1	0	22.36	PASS
			1	49	22.35	PASS
			1	99	22.62	PASS
			50	0	21.52	PASS
			50	25	21.45	PASS
			50	50	21.48	PASS
			100	0	21.51	PASS

Appendix B: Peak-to-Average Ratio

Test Result

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	6.79	<13	PASS
QPSK	MCH	1	0	7.25	<13	PASS
QPSK	HCH	1	0	7.18	<13	PASS
16QAM	LCH	1	0	8.31	<13	PASS
16QAM	MCH	1	0	8.91	<13	PASS
16QAM	HCH	1	0	8.47	<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	5.45	<13	PASS
QPSK	MCH	1	0	6.35	<13	PASS
QPSK	HCH	1	0	6.87	<13	PASS
16QAM	LCH	1	0	7.5	<13	PASS
16QAM	MCH	1	0	8.01	<13	PASS
16QAM	HCH	1	0	8.15	<13	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.96	<13	PASS
QPSK	MCH	1	0	7.16	<13	PASS
QPSK	HCH	1	0	6.38	<13	PASS
16QAM	LCH	1	0	7.91	<13	PASS
16QAM	MCH	1	0	8.79	<13	PASS



16QAM	HCH	1	0	8.24	<13	PASS
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Channel Bandwidth: 20 MHz

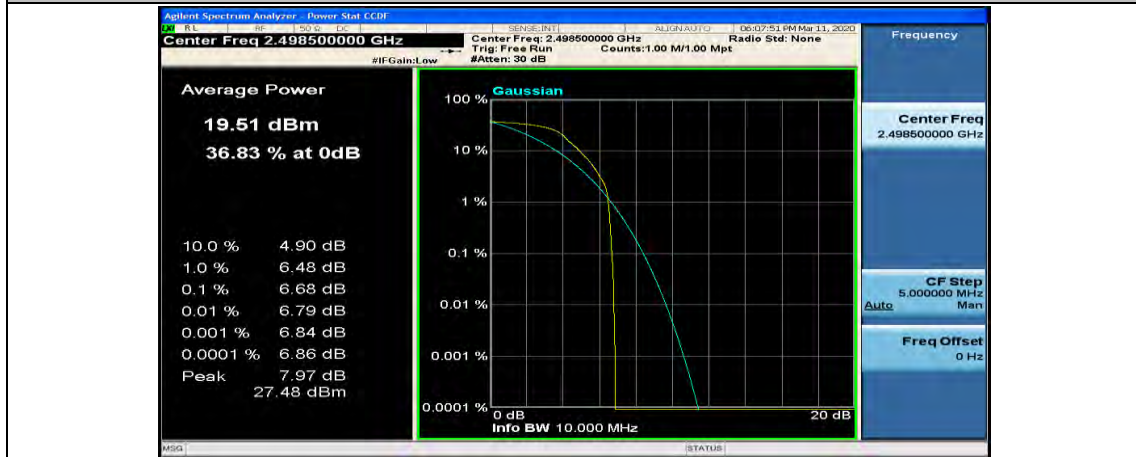
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.98	<13	PASS
QPSK	MCH	1	0	6.47	<13	PASS
QPSK	HCH	1	0	6.75	<13	PASS
16QAM	LCH	1	0	7.09	<13	PASS
16QAM	MCH	1	0	7.81	<13	PASS
16QAM	HCH	1	0	8.61	<13	PASS



Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

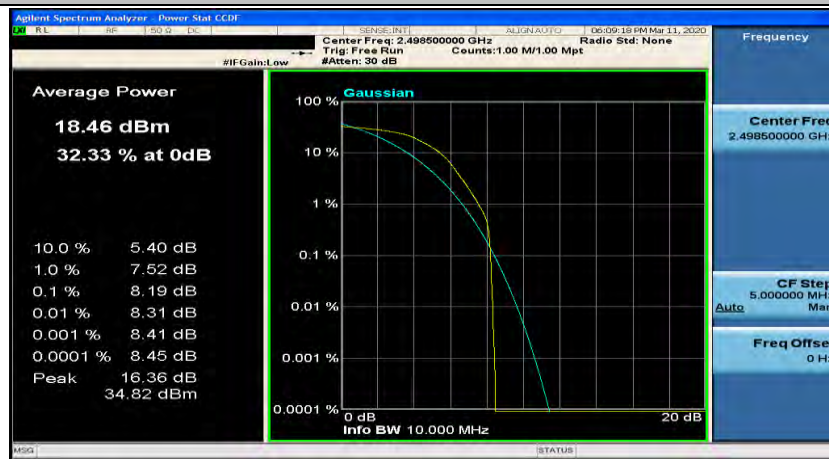


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

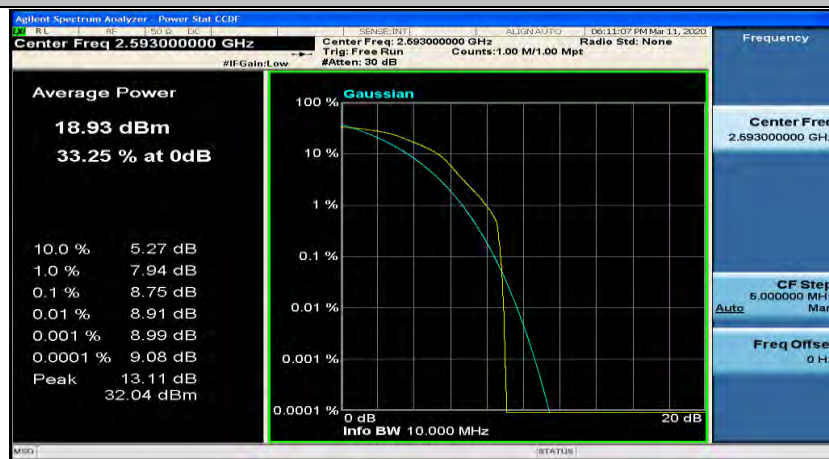




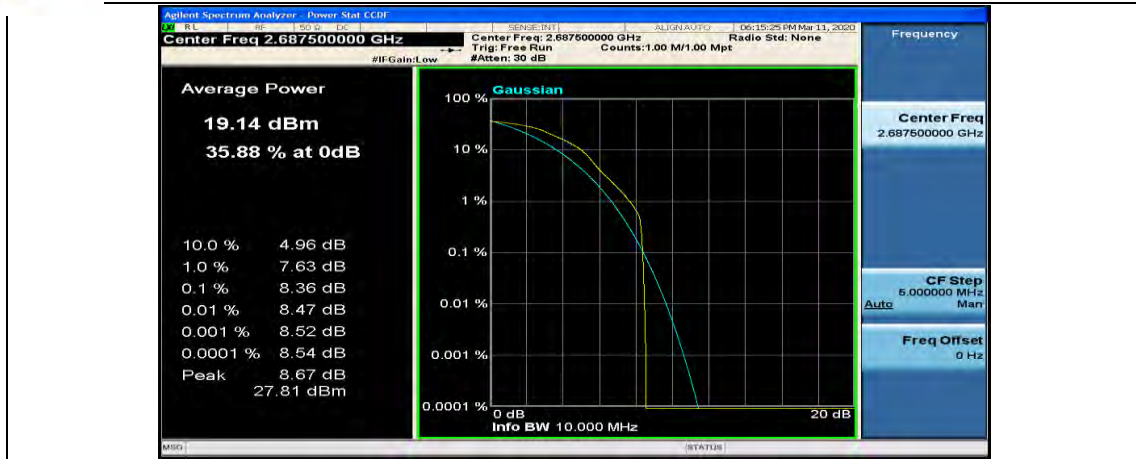
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



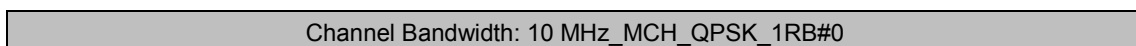
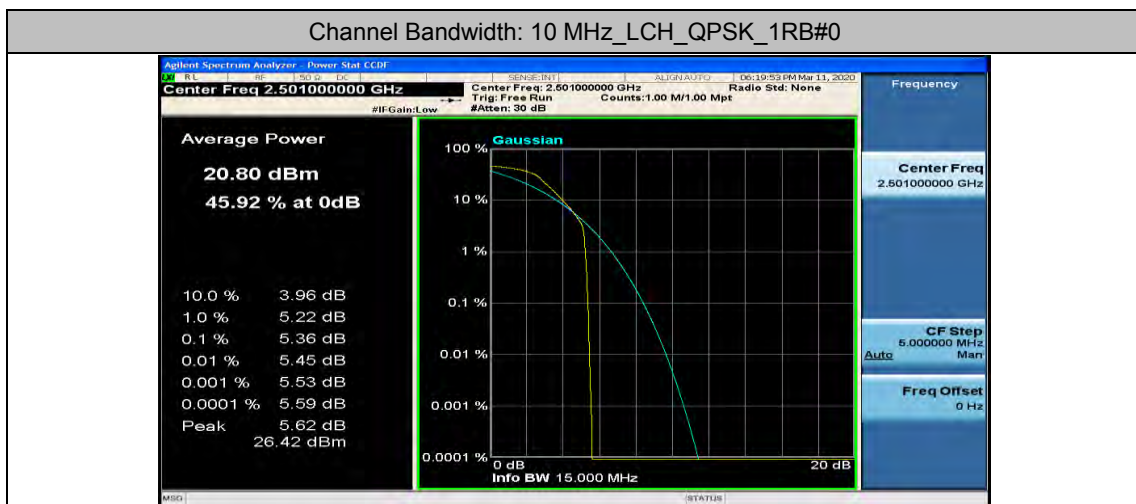
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz

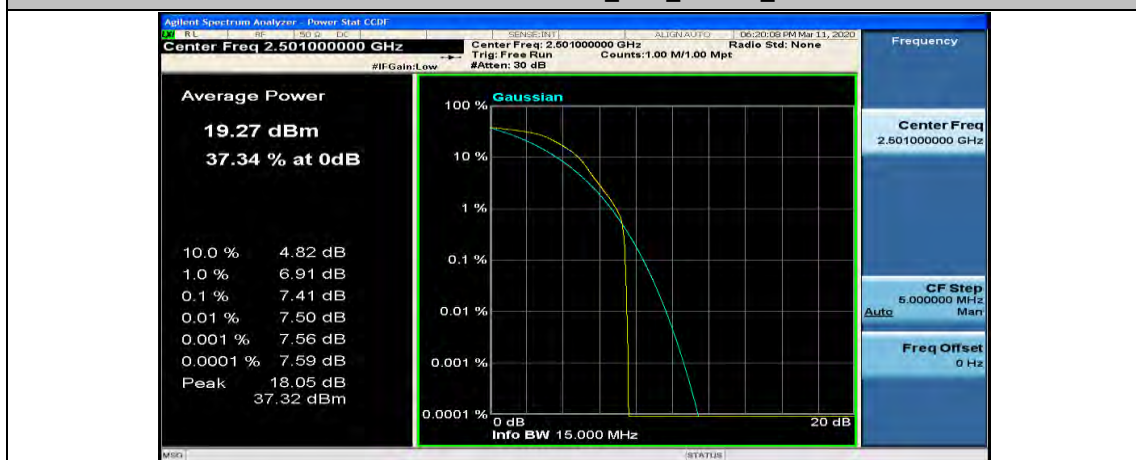




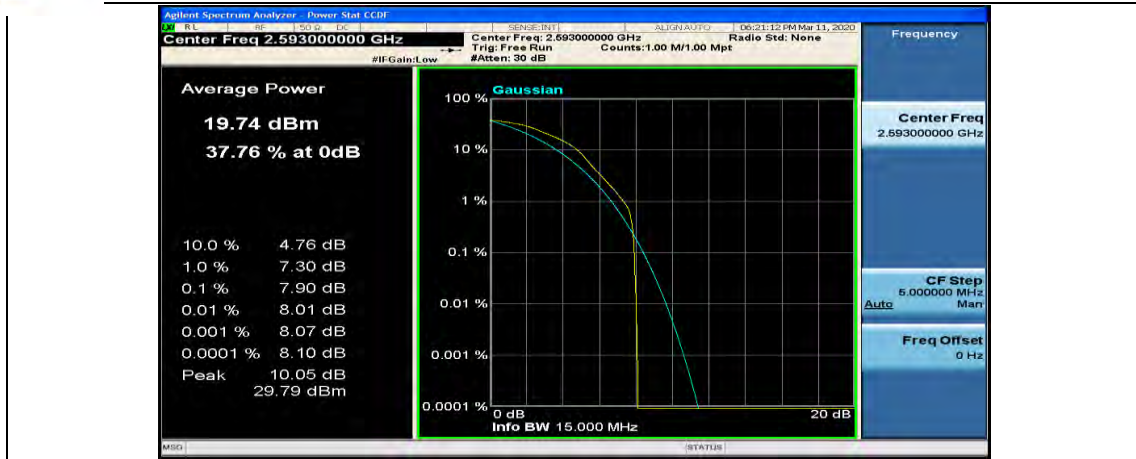
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 15 MHz

(Channel Bandwidth: 15 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

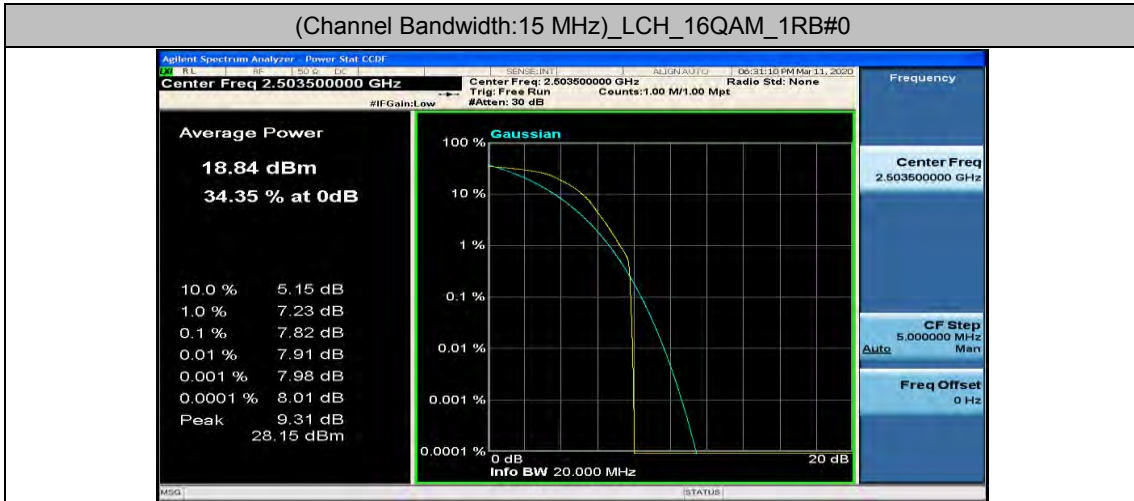


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

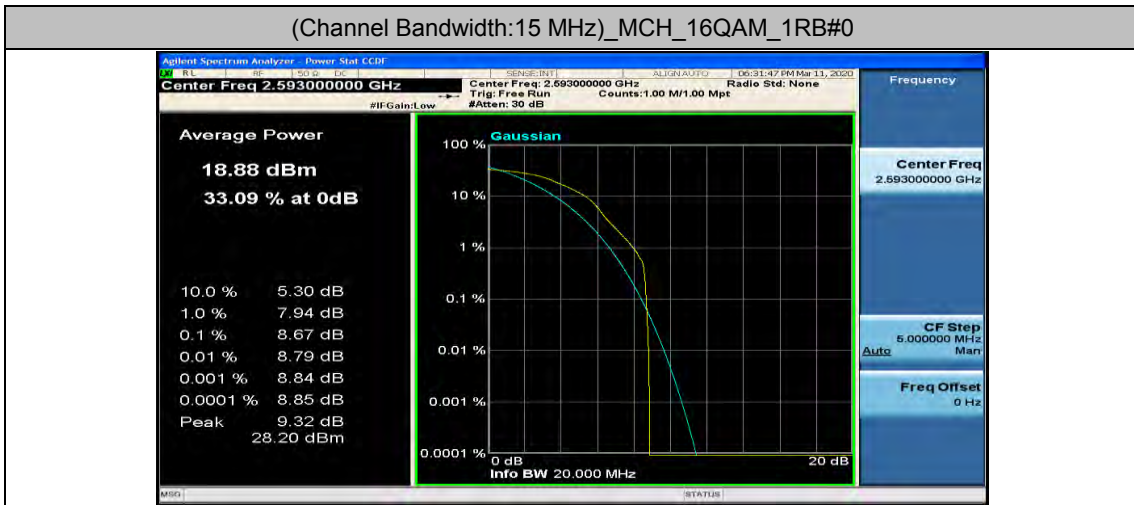




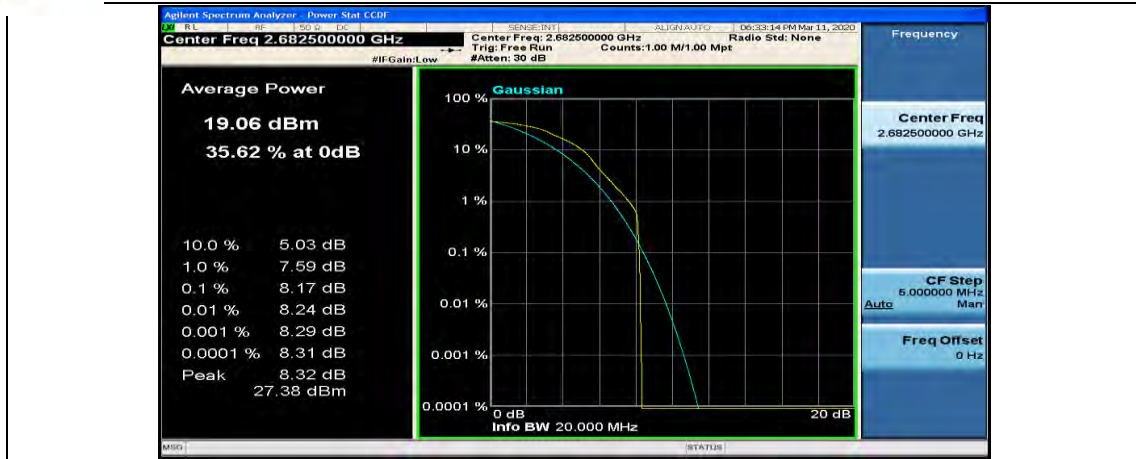
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



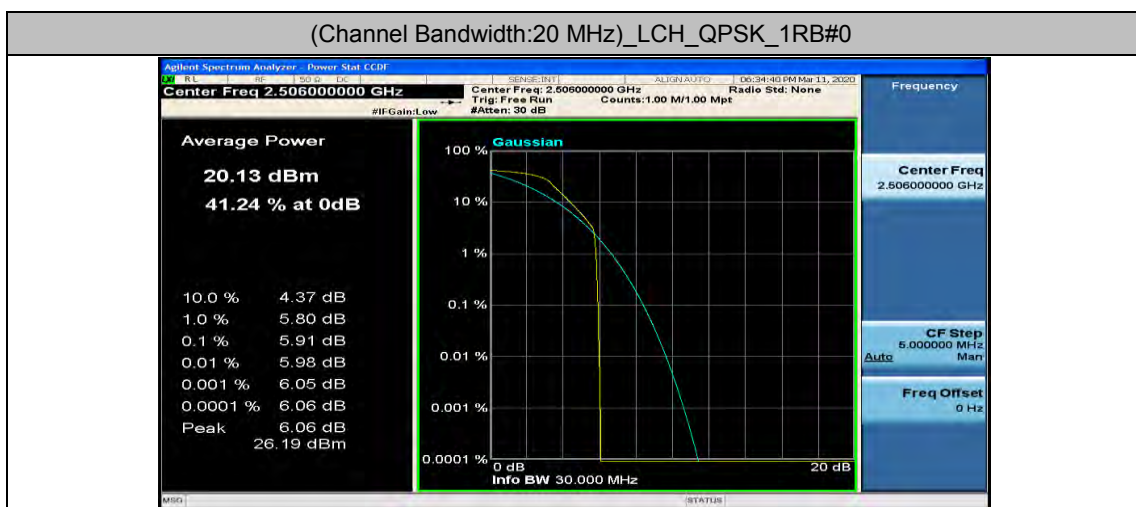
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



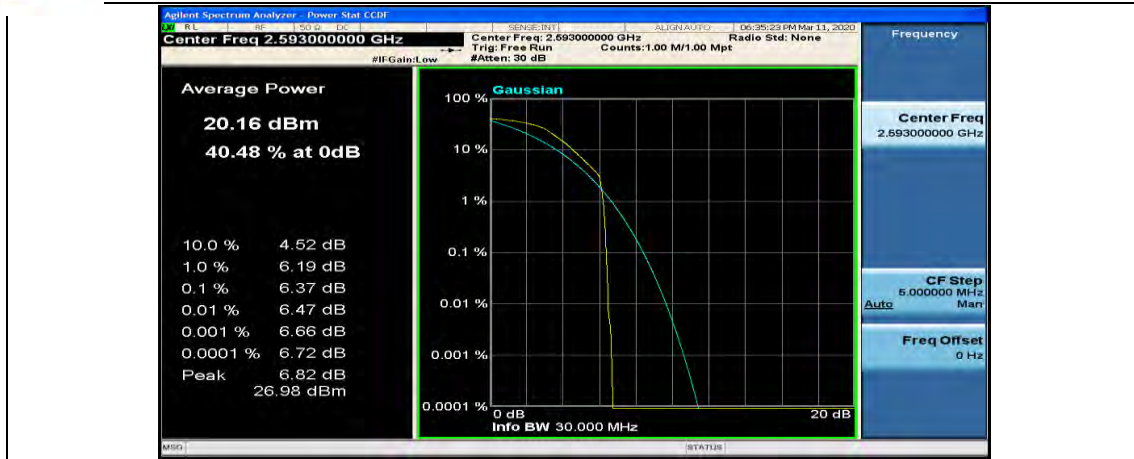
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



Channel Bandwidth: 20 MHz



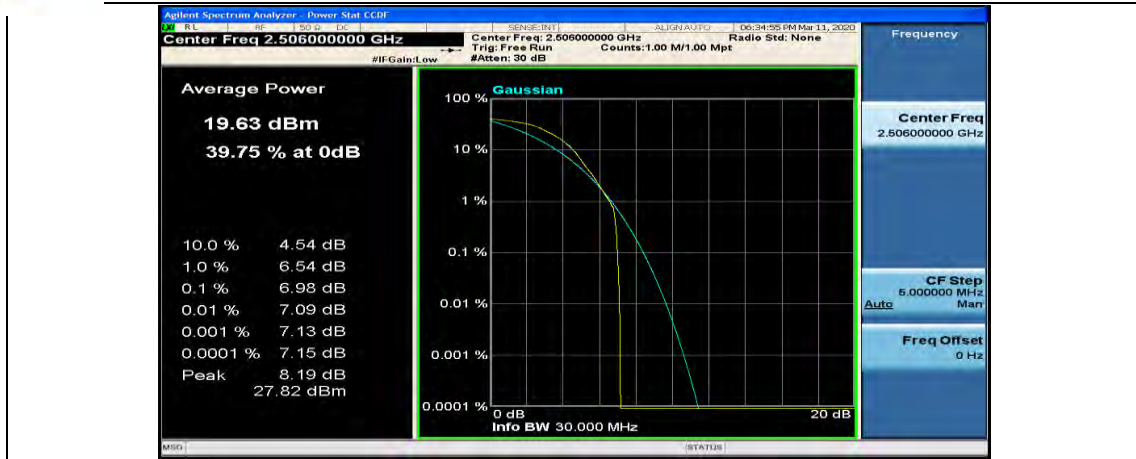
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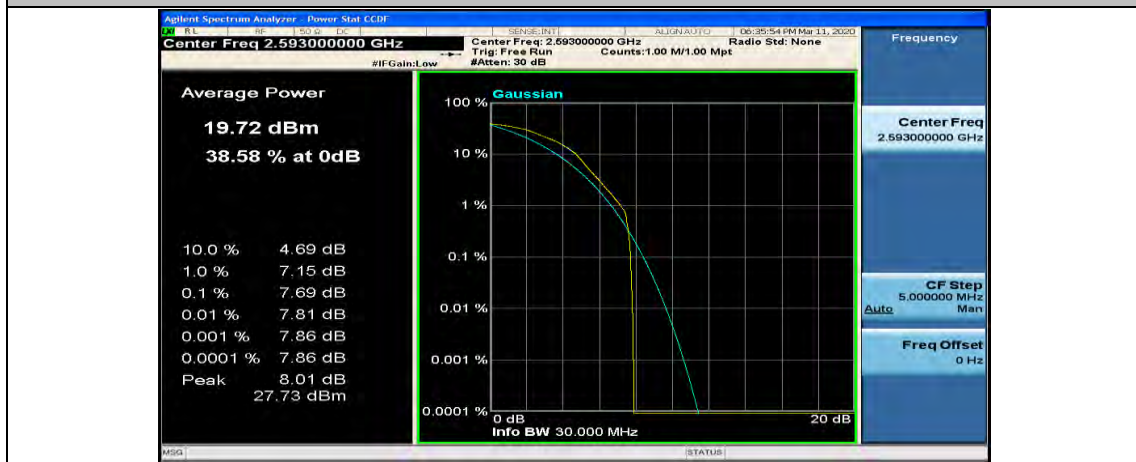
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



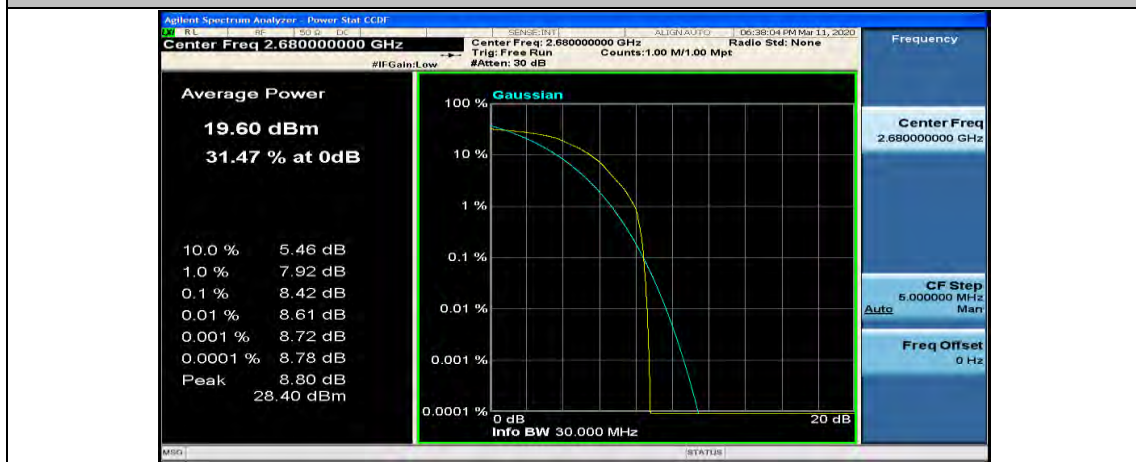
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

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	4.4839	4.885	PASS
	MCH	25	0	4.4710	4.791	PASS
	HCH	25	0	4.4744	4.789	PASS
16QAM	LCH	25	0	4.4927	4.861	PASS
	MCH	25	0	4.4969	4.818	PASS
	HCH	25	0	4.4959	4.796	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	8.9273	9.568	PASS
	MCH	50	0	8.9140	9.365	PASS
	HCH	50	0	8.9173	9.421	PASS
16QAM	LCH	50	0	8.9345	9.403	PASS
	MCH	50	0	8.9365	9.364	PASS
	HCH	50	0	8.9363	9.385	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth (MHz)	Verdict
		Size	Offset			



				(MHz)		
QPSK	LCH	75	0	13.407	14.26	PASS
	MCH	75	0	13.385	14.11	PASS
	HCH	75	0	13.390	14.15	PASS
16QAM	LCH	75	0	13.391	14.15	PASS
	MCH	75	0	13.392	13.98	PASS
	HCH	75	0	13.397	14.00	PASS

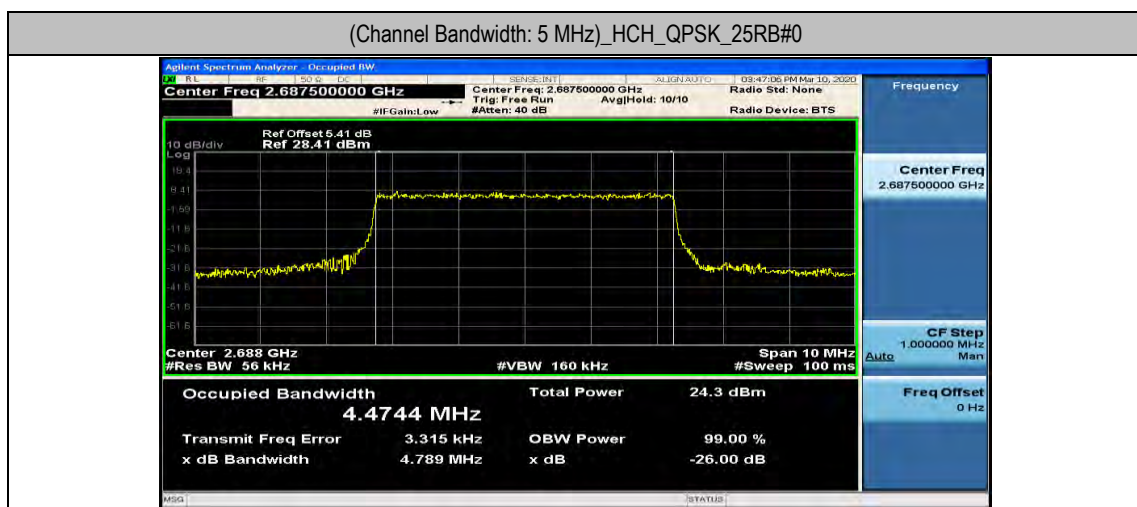
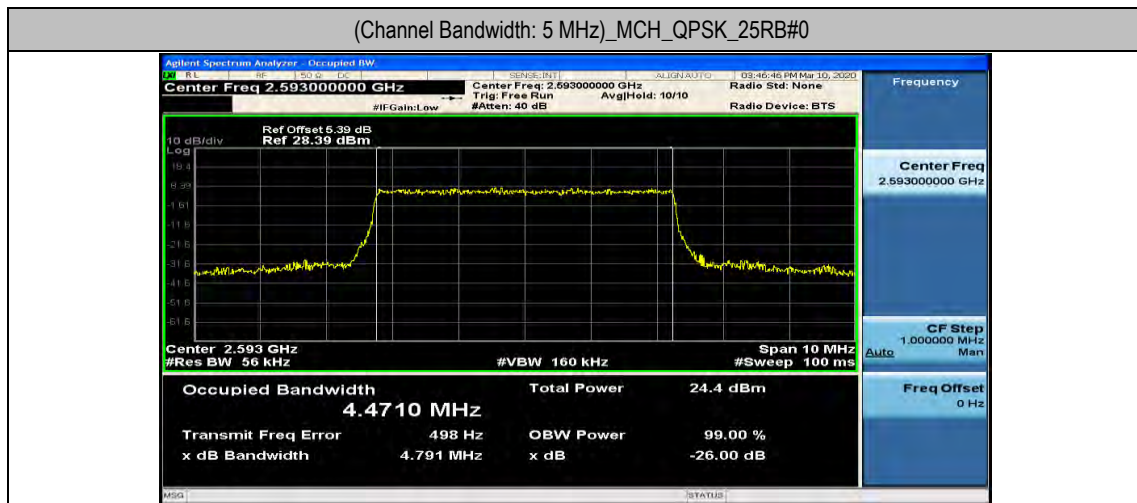
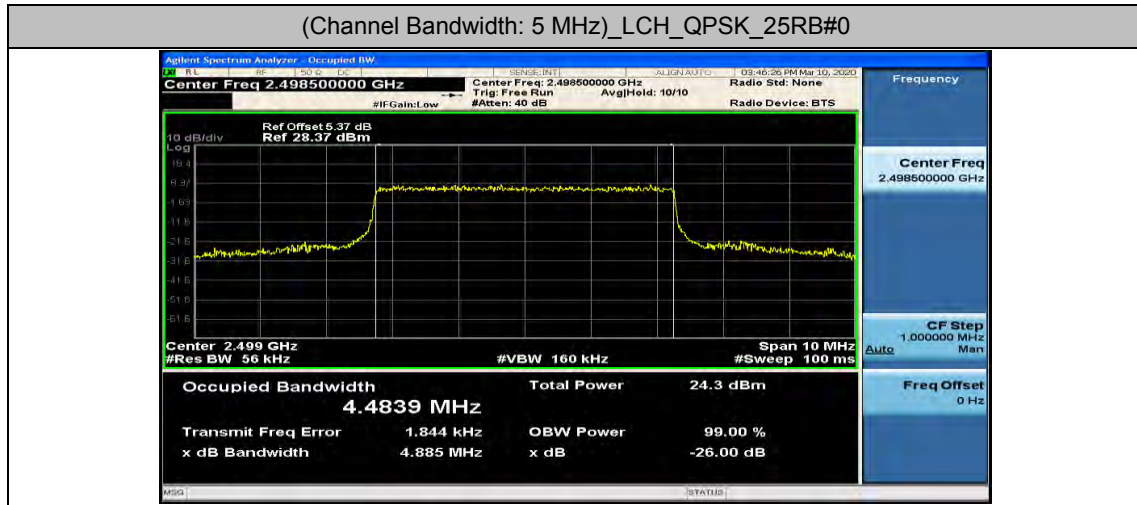
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.829	18.90	PASS
	MCH	100	0	17.815	18.63	PASS
	HCH	100	0	17.779	18.66	PASS
16QAM	LCH	100	0	17.827	18.60	PASS
	MCH	100	0	17.817	18.55	PASS
	HCH	100	0	17.776	18.53	PASS

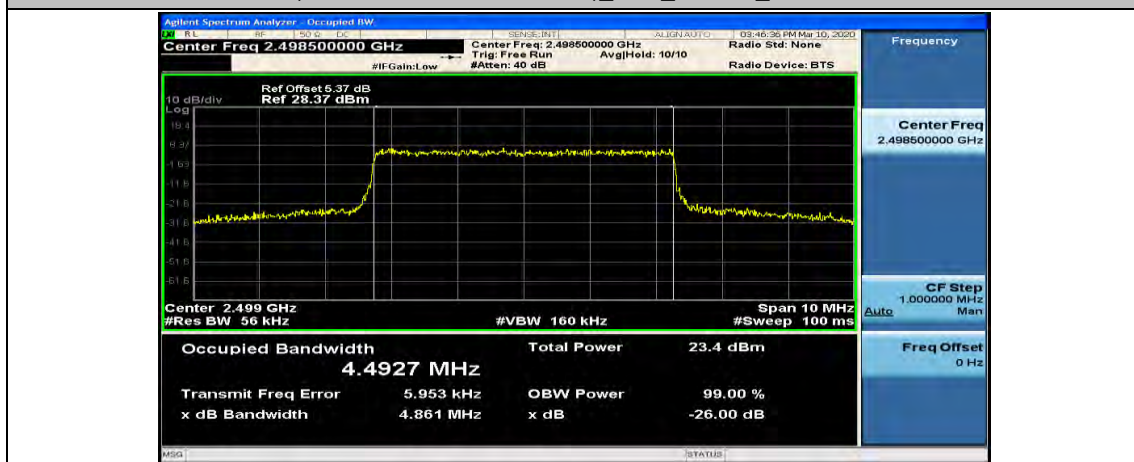


Test Graphs

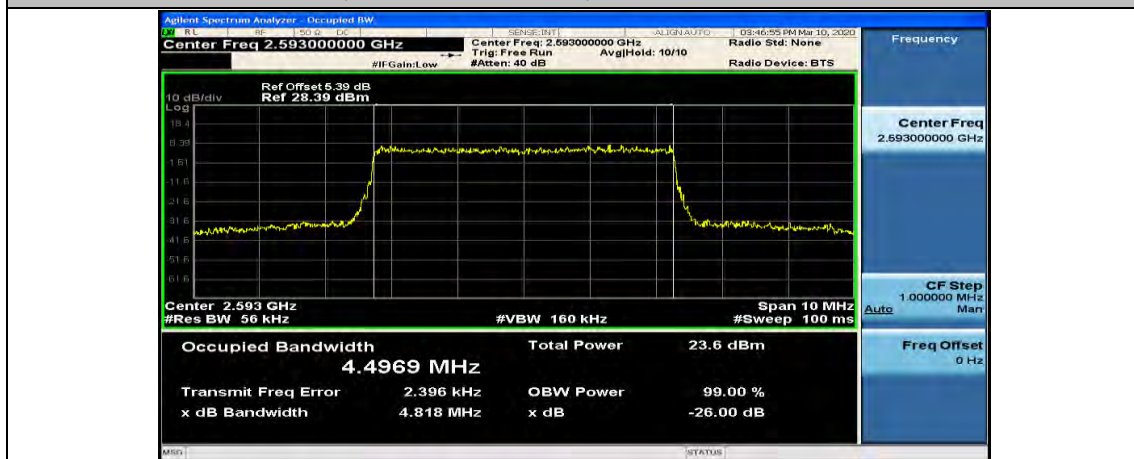
Channel Bandwidth: 5 MHz



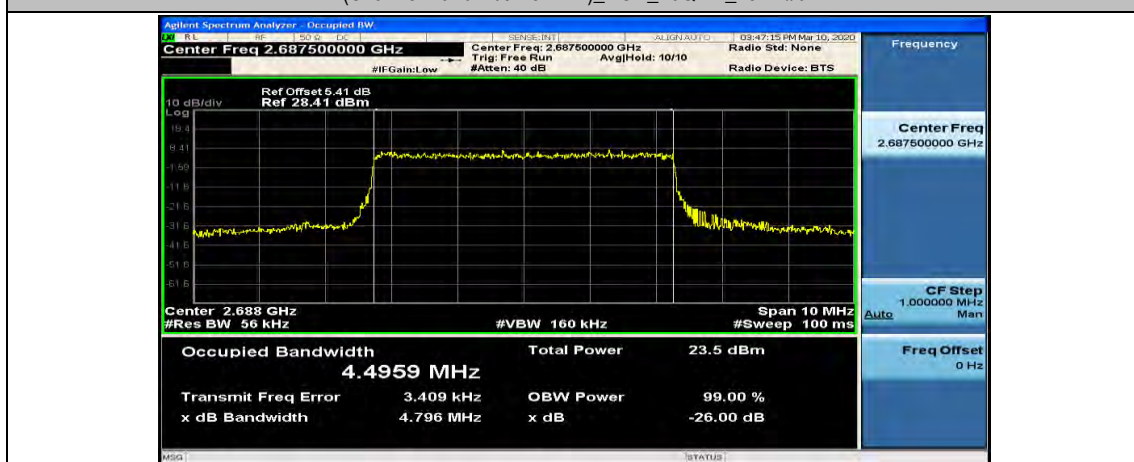
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



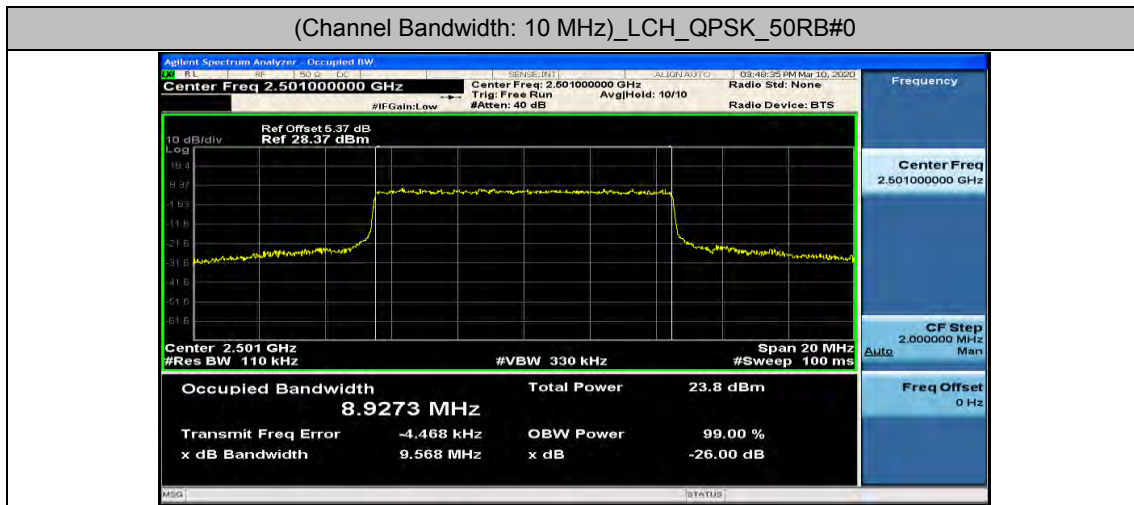
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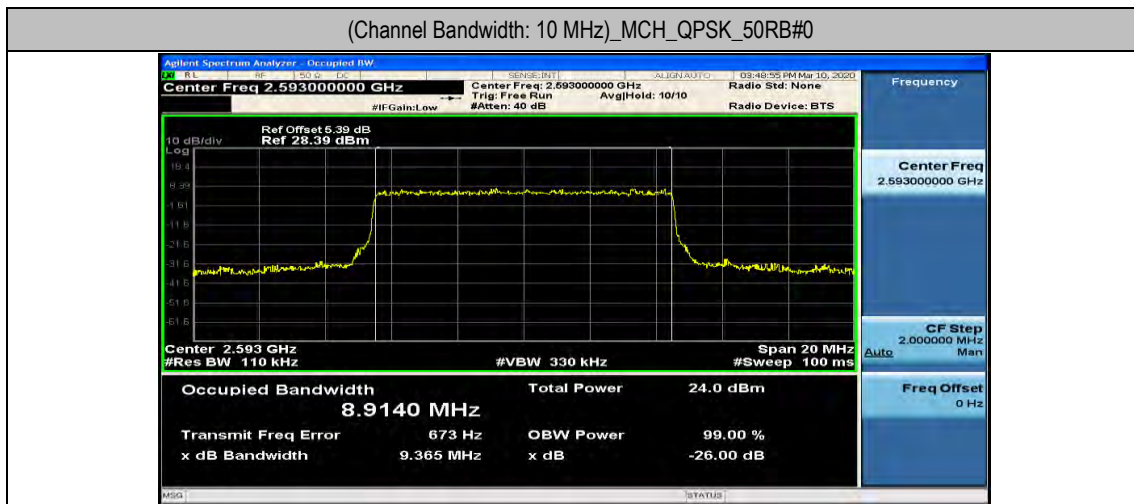


Channel Bandwidth: 10 MHz

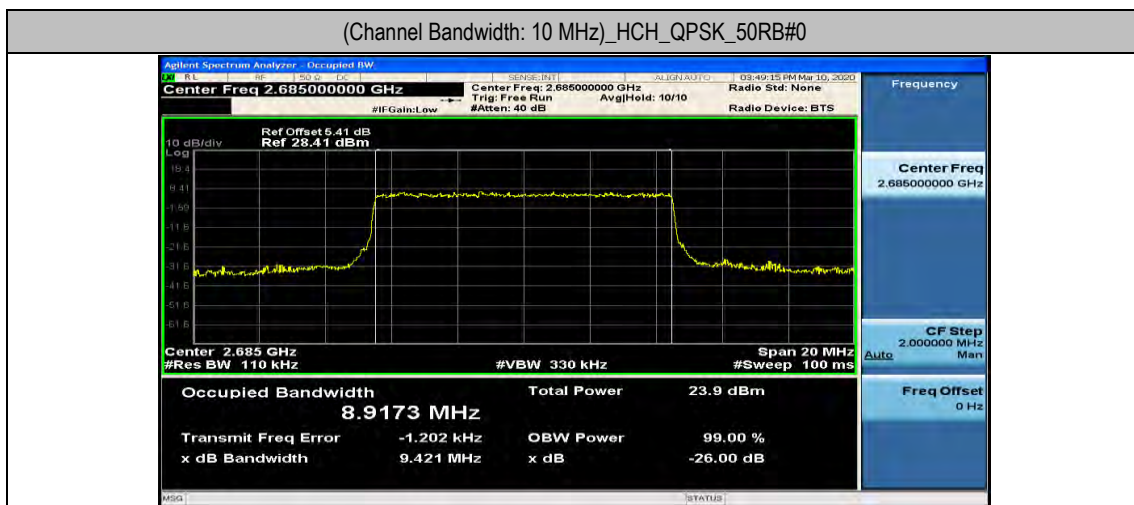
(Channel Bandwidth: 10 MHz)_LCH_QPSK_50RB#0



(Channel Bandwidth: 10 MHz)_MCH_QPSK_50RB#0

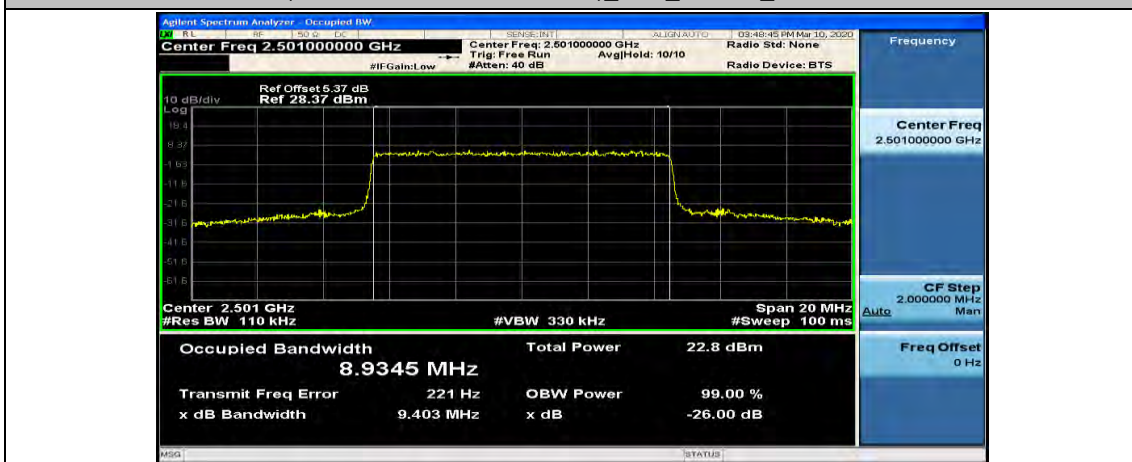


(Channel Bandwidth: 10 MHz)_HCH_QPSK_50RB#0

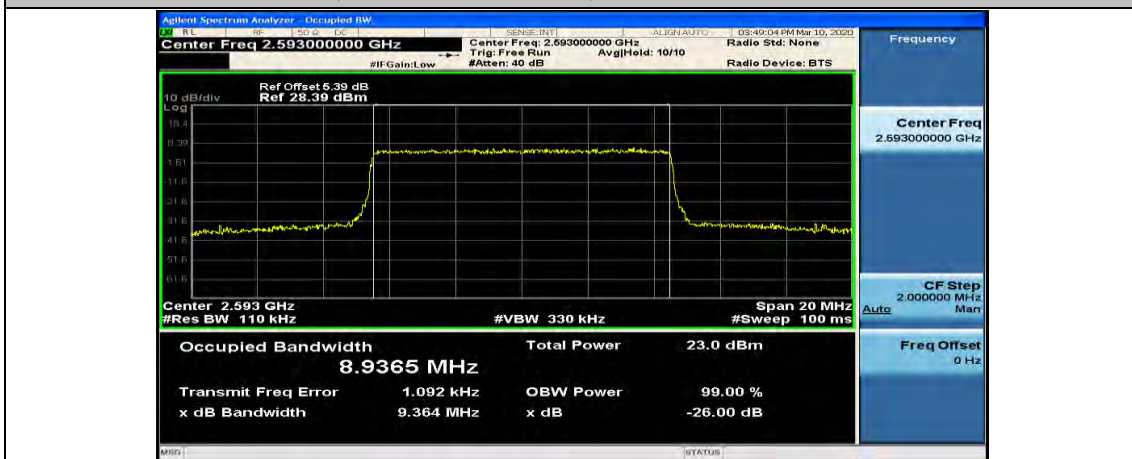




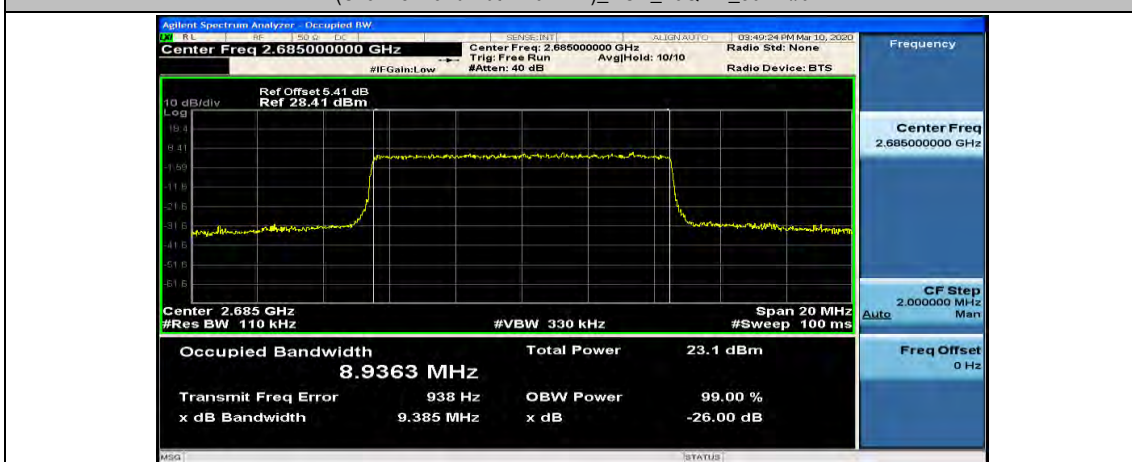
(Channel Bandwidth: 10 MHz)_LCH_16QAM_50RB#0



(Channel Bandwidth: 10 MHz)_MCH_16QAM_50RB#0



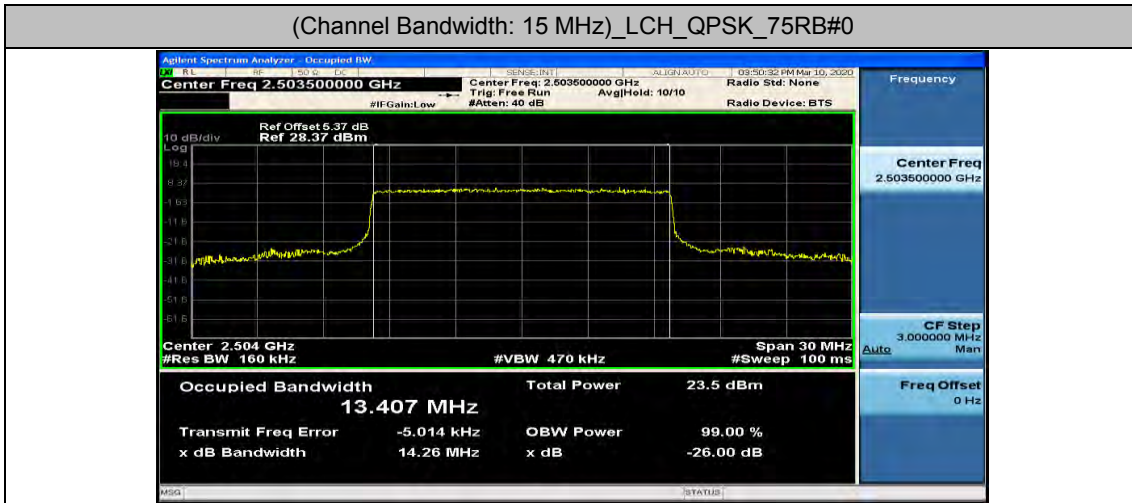
(Channel Bandwidth: 10 MHz)_HCH_16QAM_50RB#0



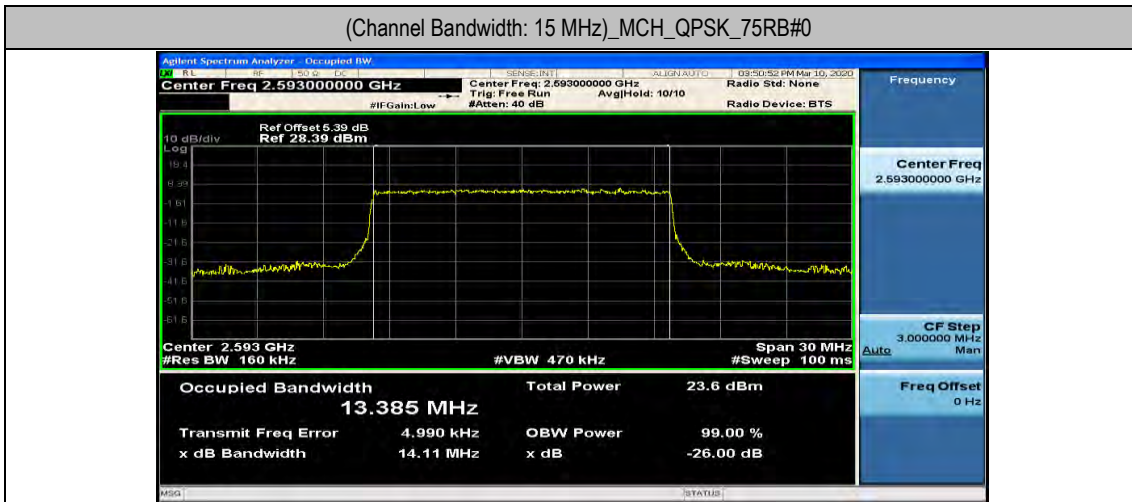


Channel Bandwidth: 15 MHz

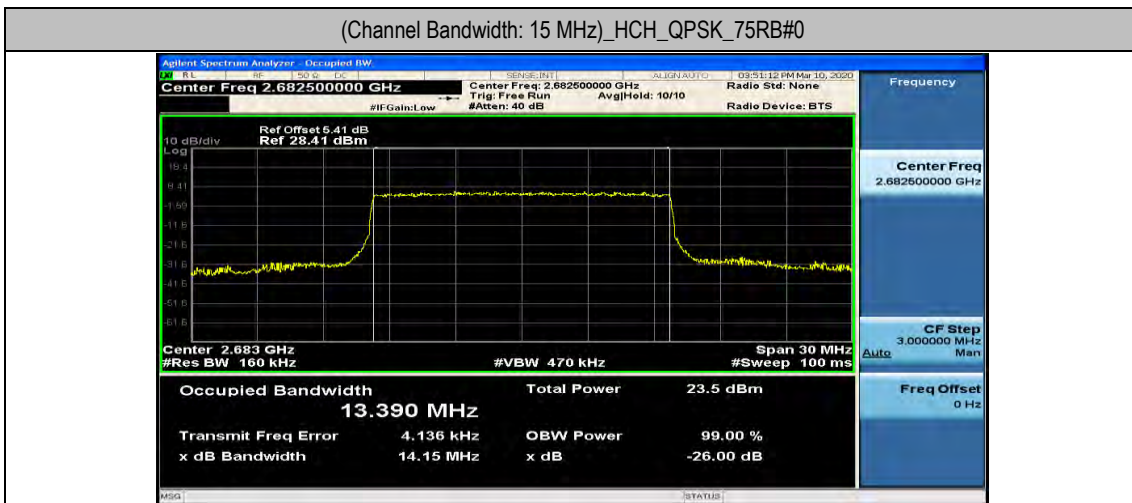
(Channel Bandwidth: 15 MHz)_LCH_QPSK_75RB#0



(Channel Bandwidth: 15 MHz)_MCH_QPSK_75RB#0

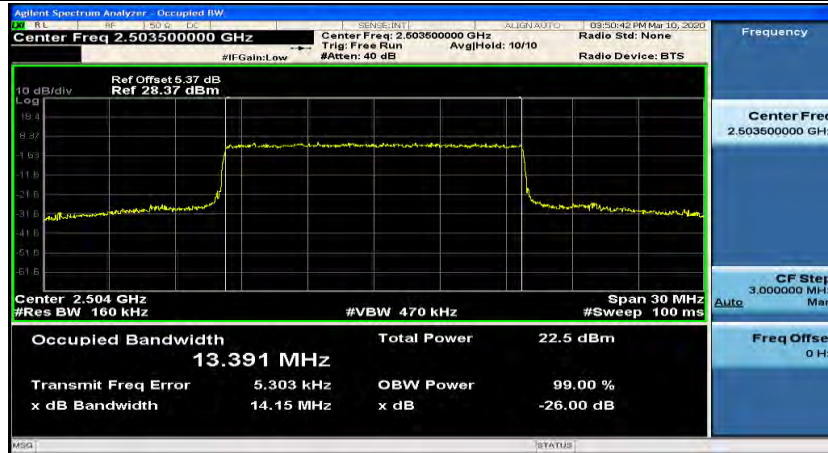


(Channel Bandwidth: 15 MHz)_HCH_QPSK_75RB#0

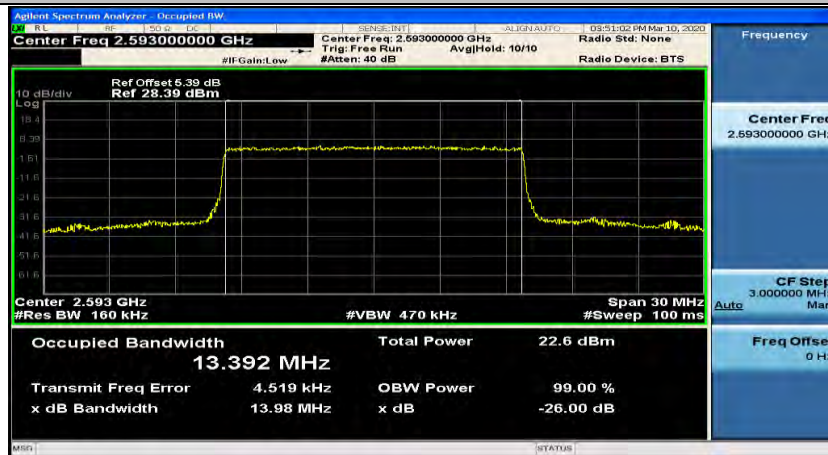




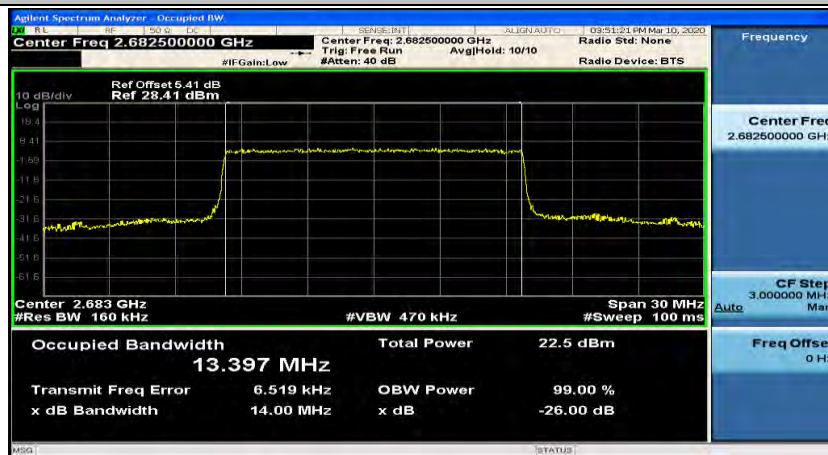
(Channel Bandwidth: 15 MHz)_LCH_16QAM_75RB#0



(Channel Bandwidth: 15 MHz)_MCH_16QAM_75RB#0



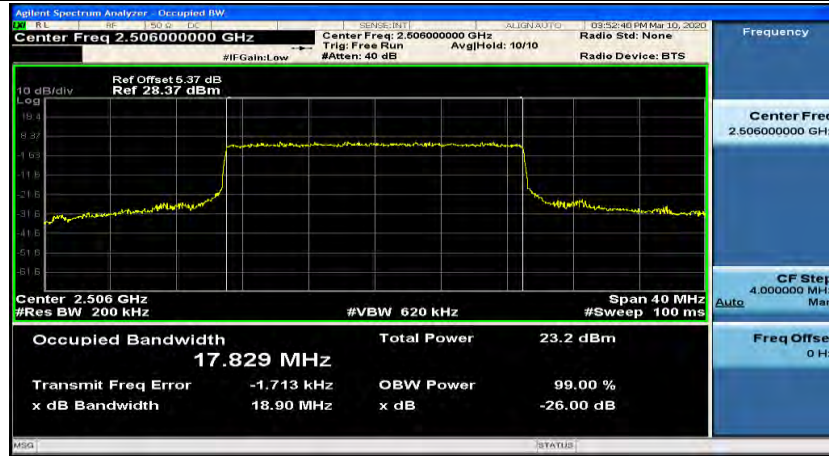
(Channel Bandwidth: 15 MHz)_HCH_16QAM_75RB#0



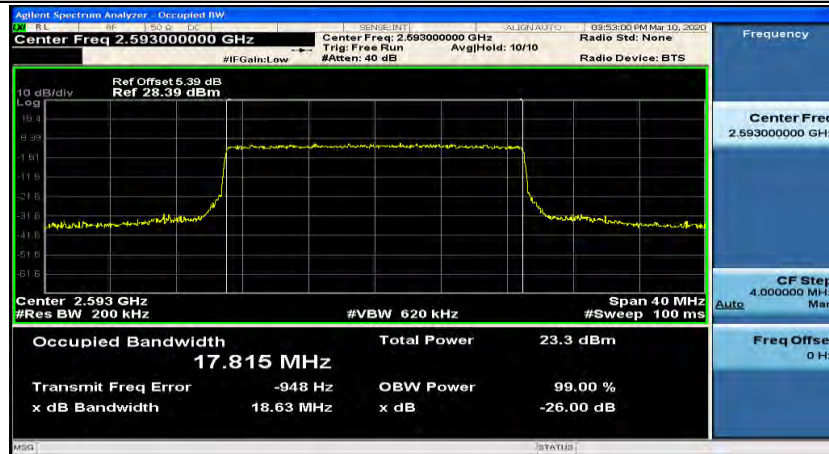


Channel Bandwidth: 20 MHz

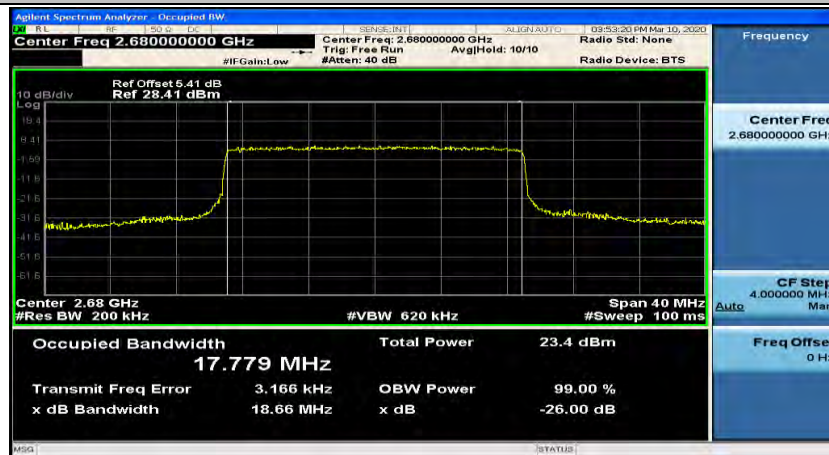
(Channel Bandwidth: 20 MHz)_LCH_QPSK_100RB#0



(Channel Bandwidth: 20 MHz)_MCH_QPSK_100RB#0

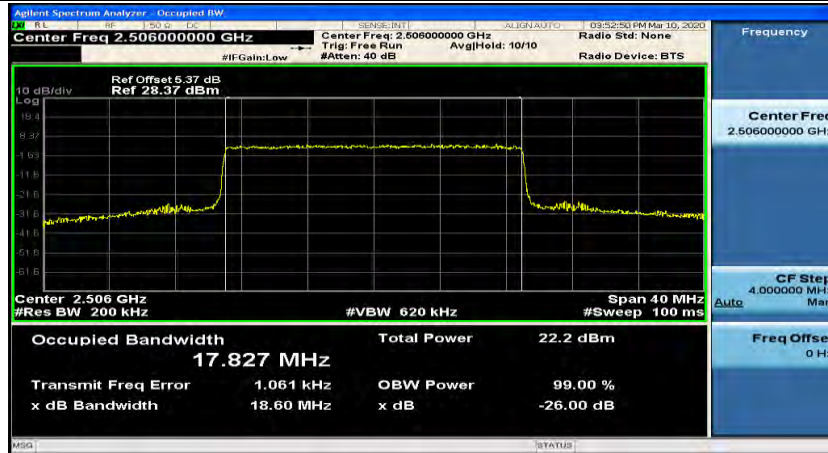


(Channel Bandwidth: 20 MHz)_HCH_QPSK_100RB#0

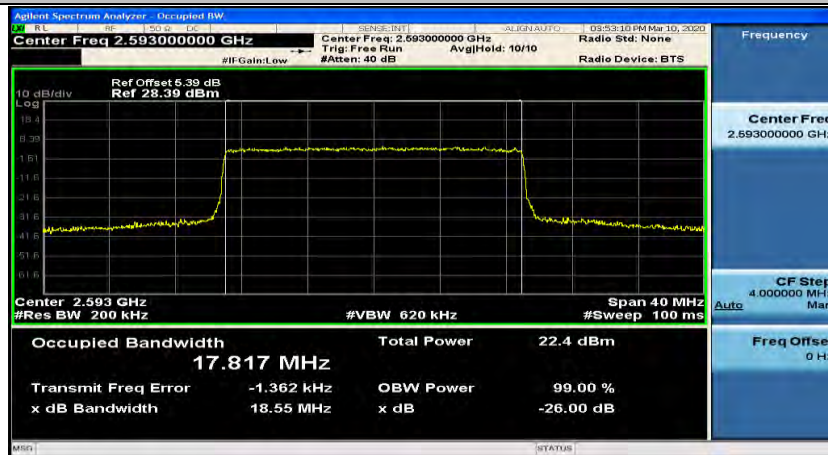




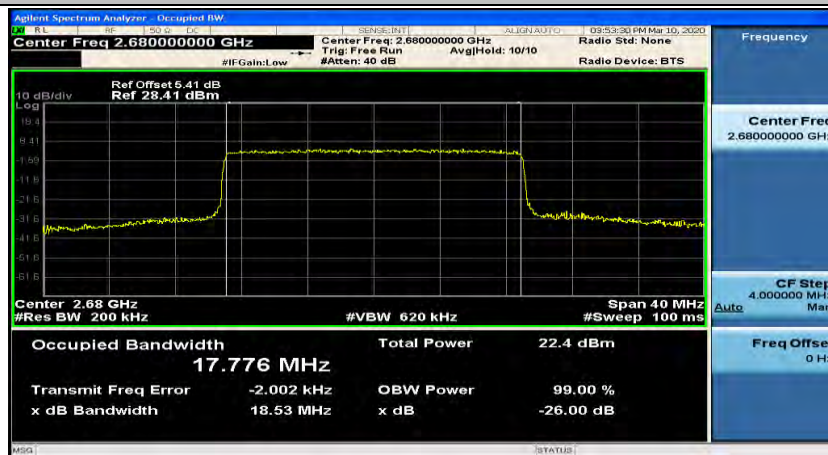
(Channel Bandwidth: 20 MHz)_LCH_16QAM_100RB#0



(Channel Bandwidth: 20 MHz)_MCH_16QAM_100RB#0



(Channel Bandwidth: 20 MHz)_HCH_16QAM_100RB#0

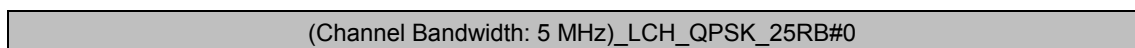
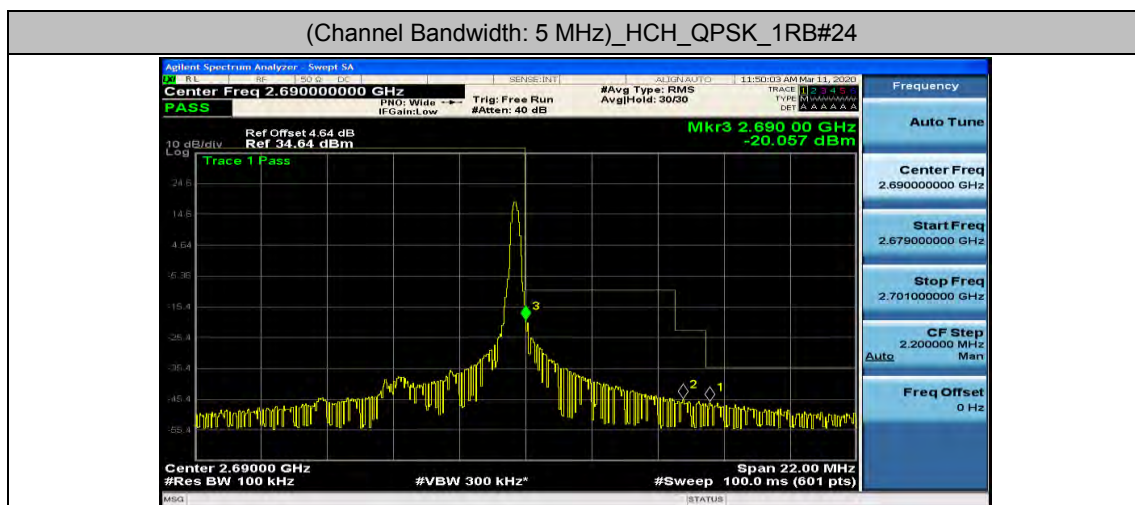
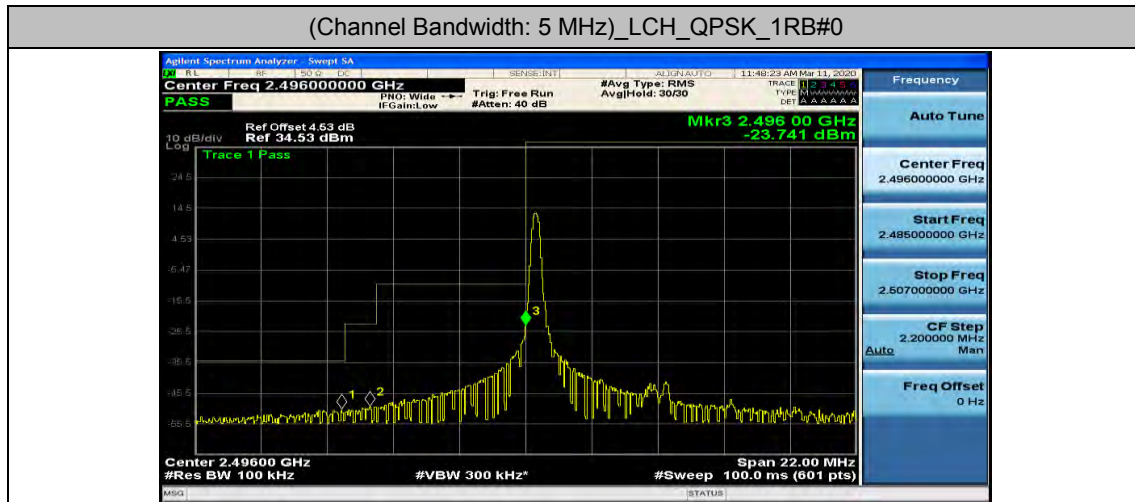




Appendix D: Band Edge

Test Graphs

Channel Bandwidth: 5 MHz





(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



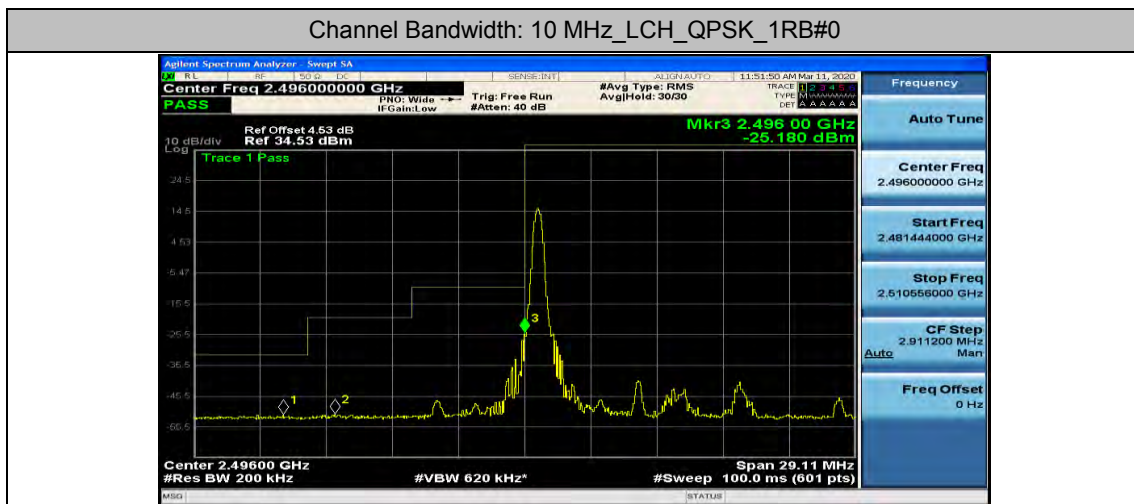
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49





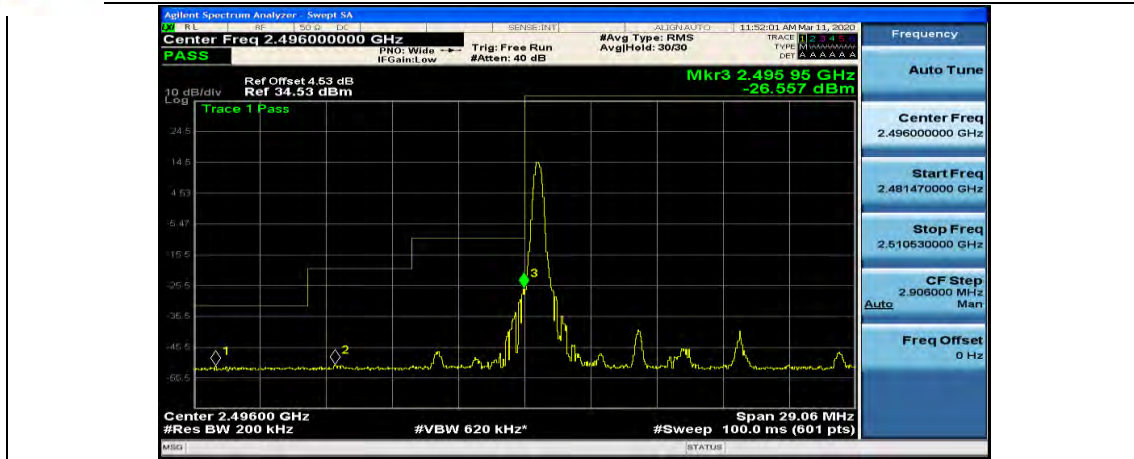
(Channel Bandwidth: 10 MHz)_LCH_QPSK_50RB#0



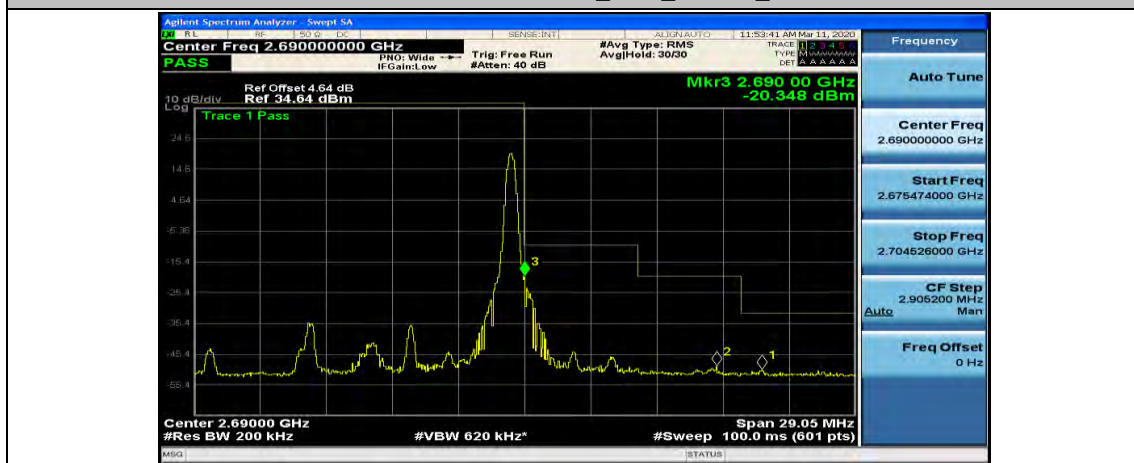
(Channel Bandwidth: 10 MHz)_HCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49

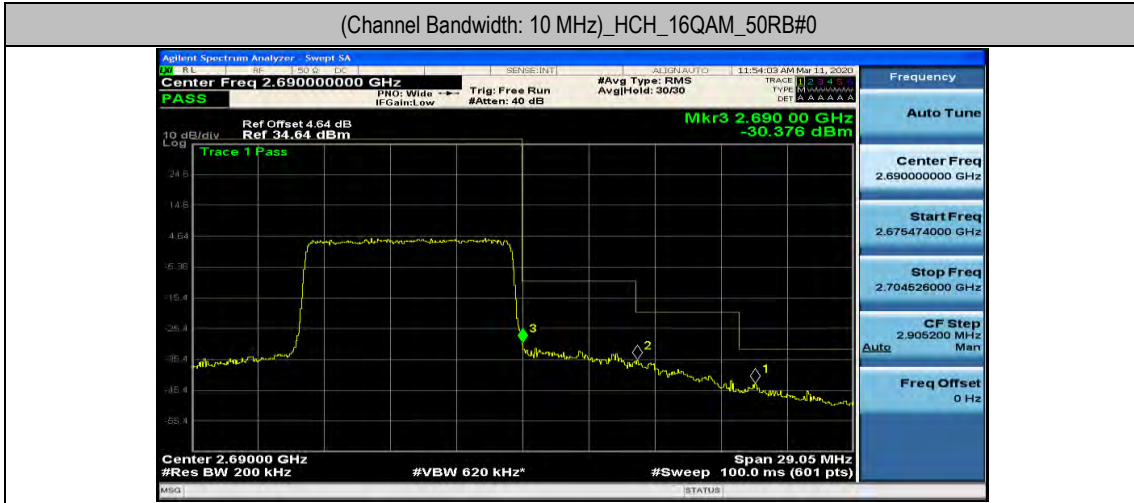


(Channel Bandwidth: 10 MHz)_LCH_16QAM_50RB#0



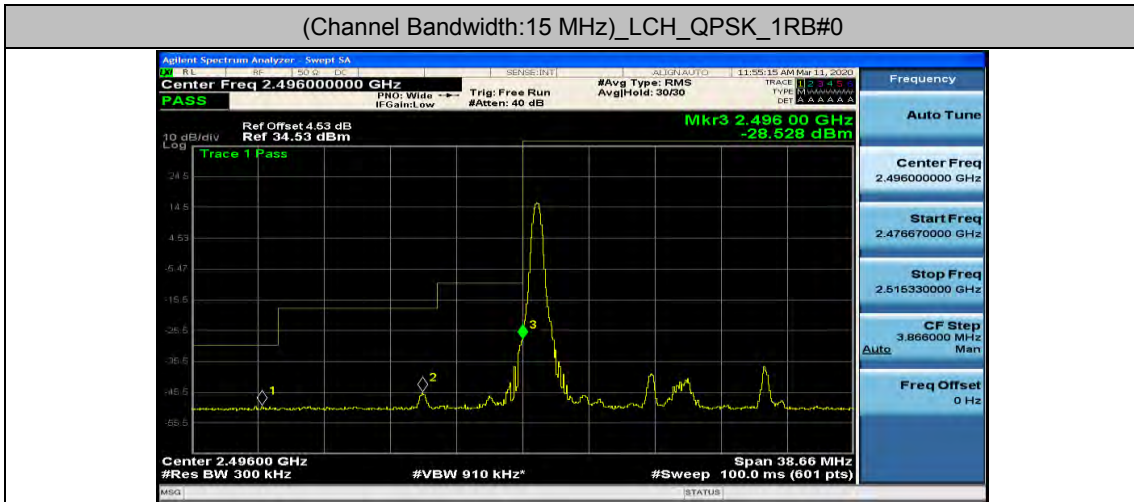


(Channel Bandwidth: 10 MHz)_HCH_16QAM_50RB#0

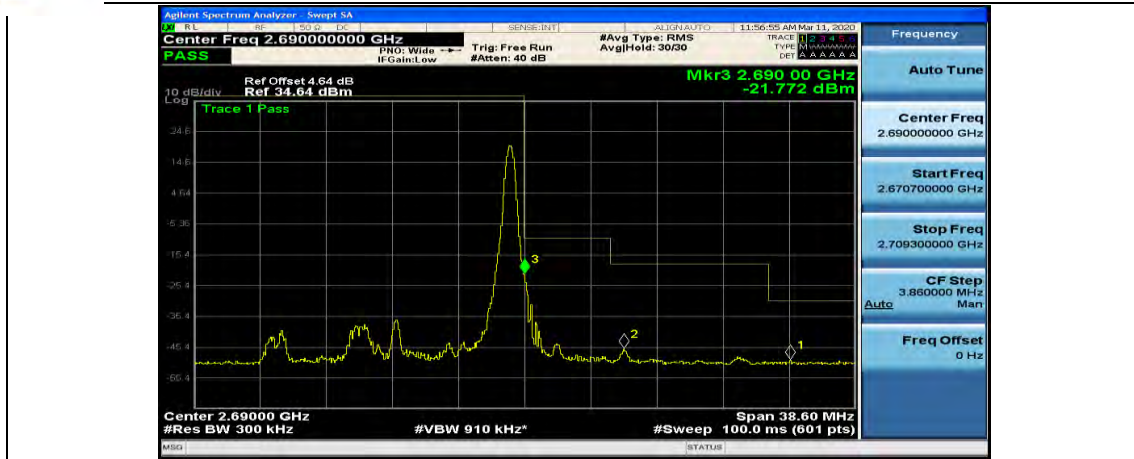


Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



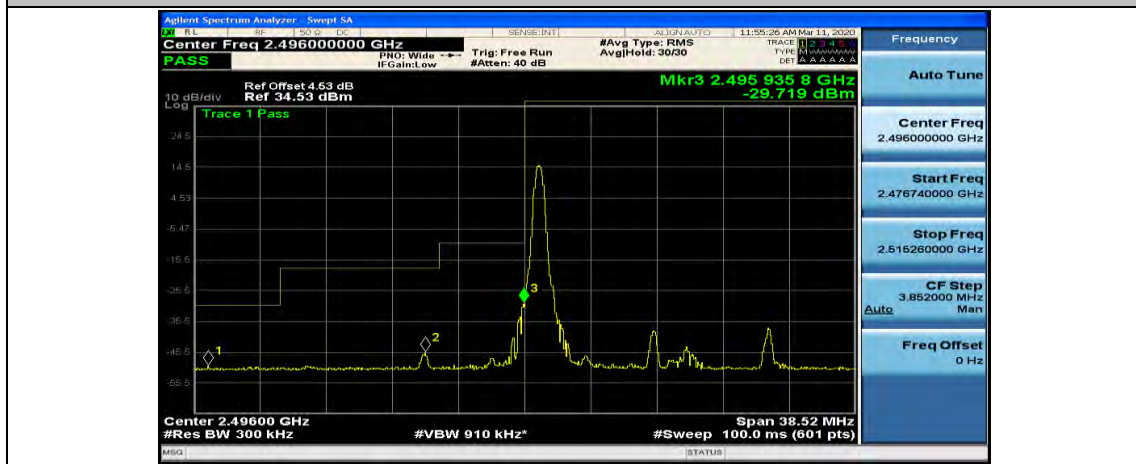
(Channel Bandwidth: 15 MHz)_LCH_QPSK_75RB#0



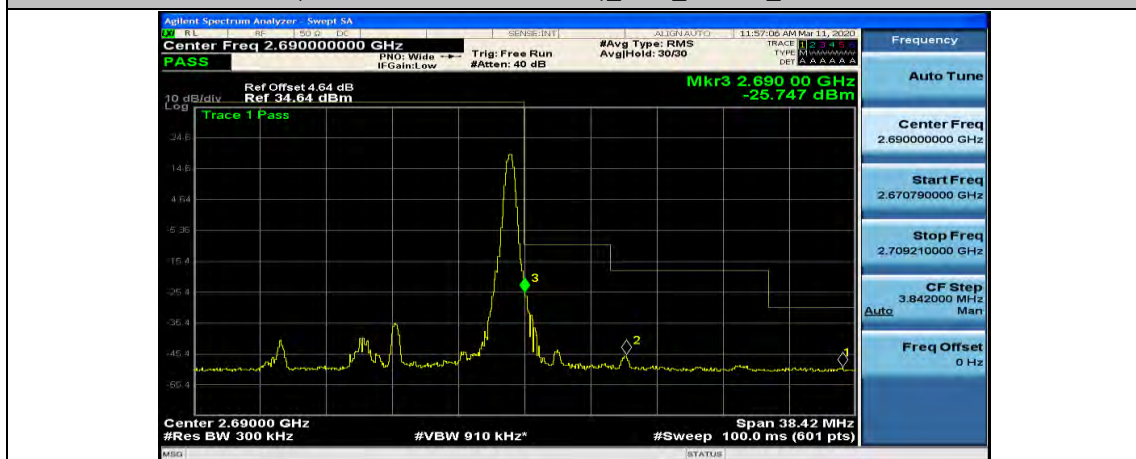
(Channel Bandwidth: 15 MHz)_HCH_QPSK_75RB#0

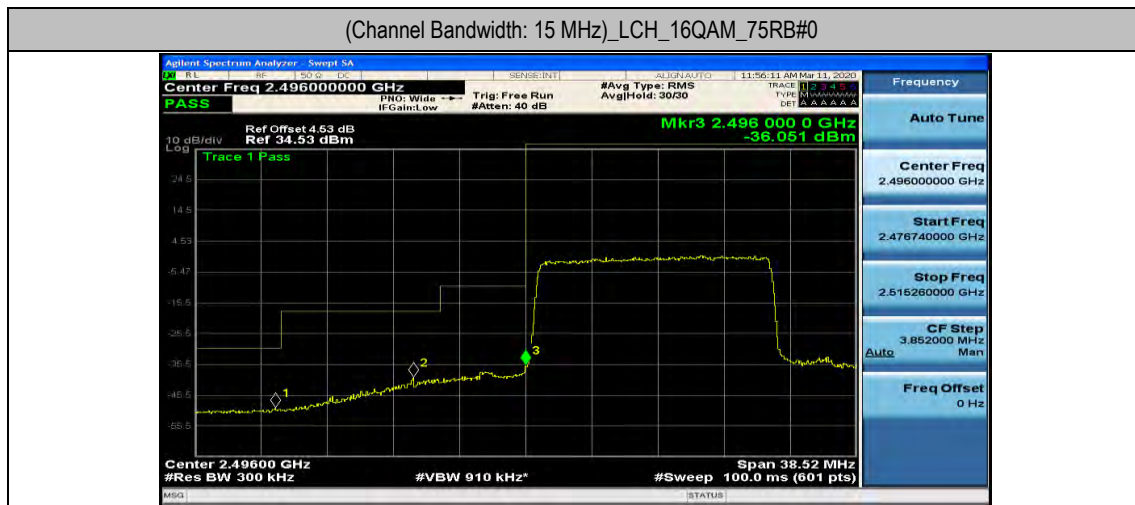


(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

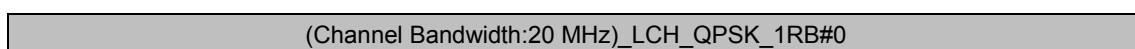


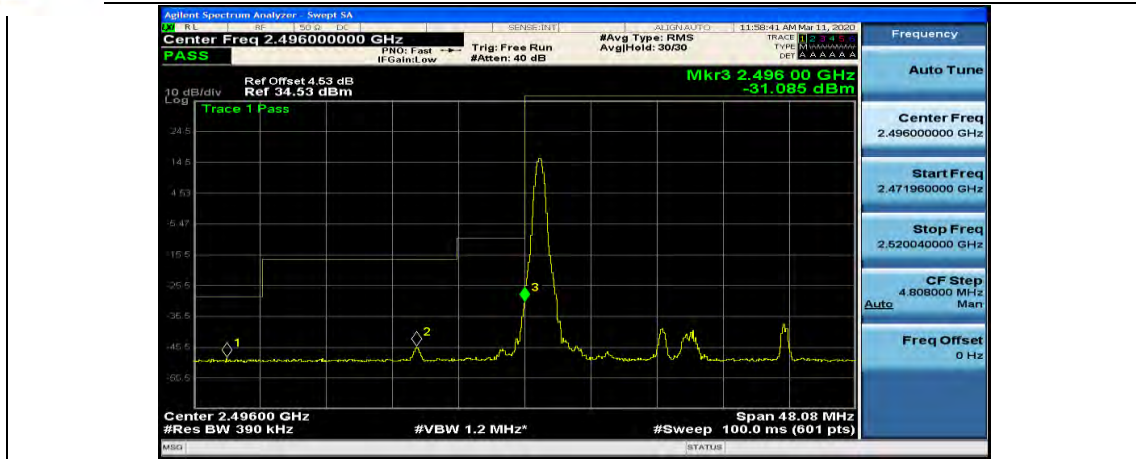
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



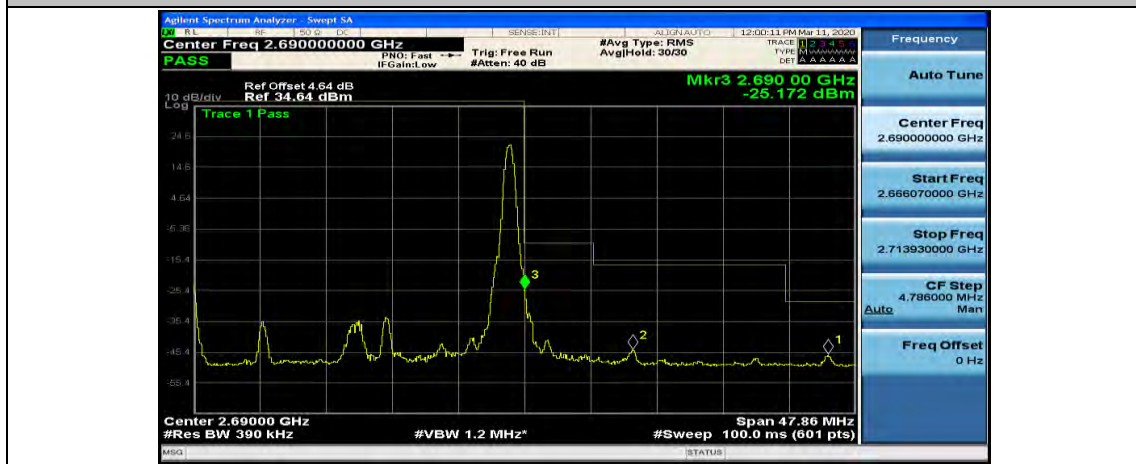


Channel Bandwidth: 20 MHz





(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99



(Channel Bandwidth: 20 MHz)_LCH_QPSK_100RB#0

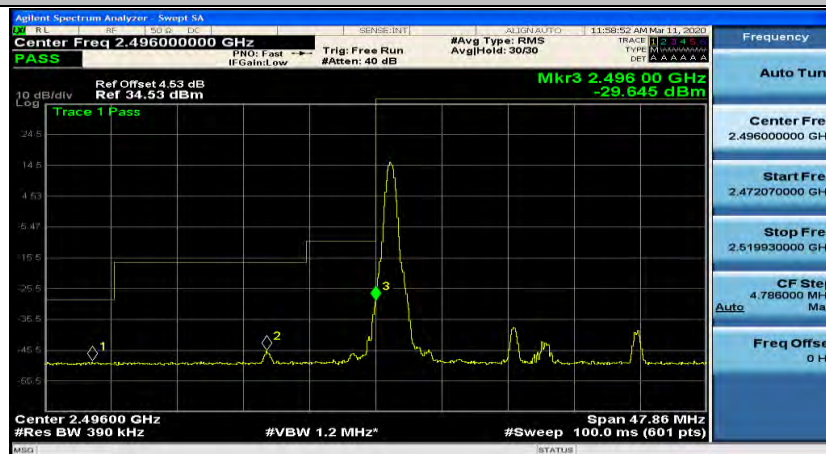




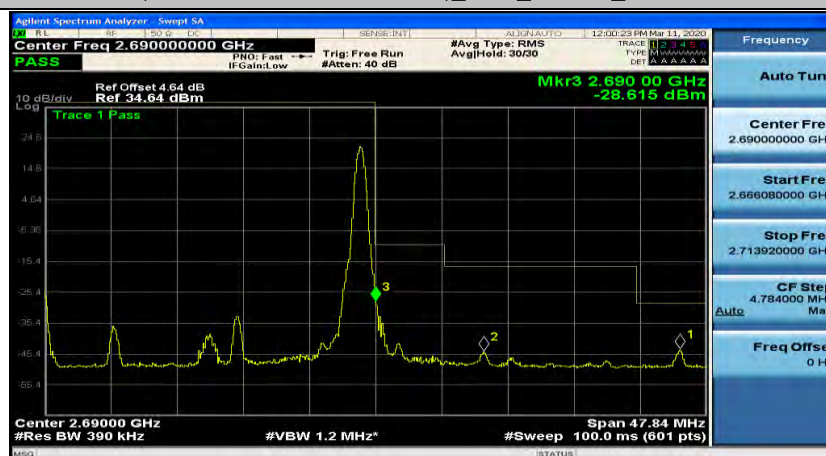
(Channel Bandwidth: 20 MHz)_HCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

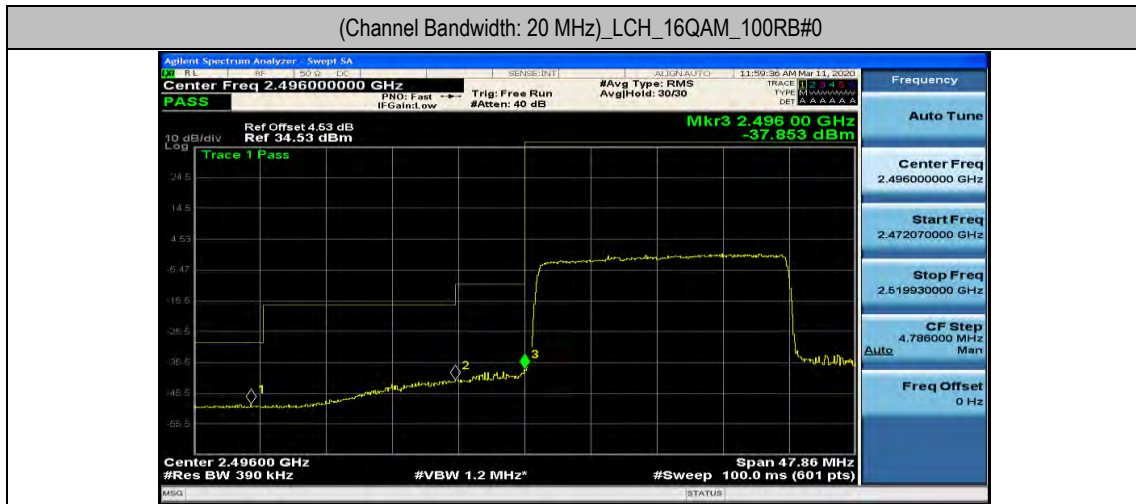


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99

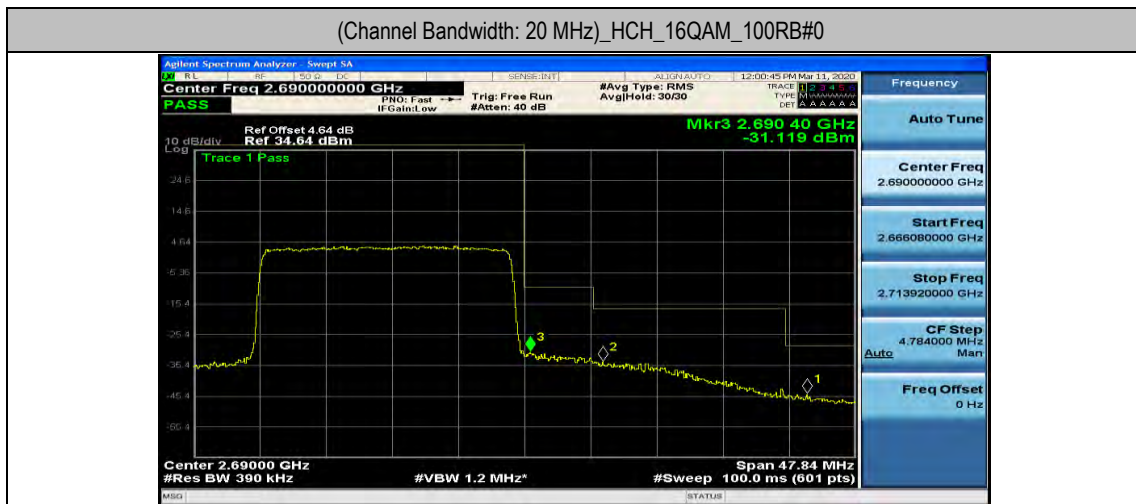




(Channel Bandwidth: 20 MHz)_LCH_16QAM_100RB#0



(Channel Bandwidth: 20 MHz)_HCH_16QAM_100RB#0



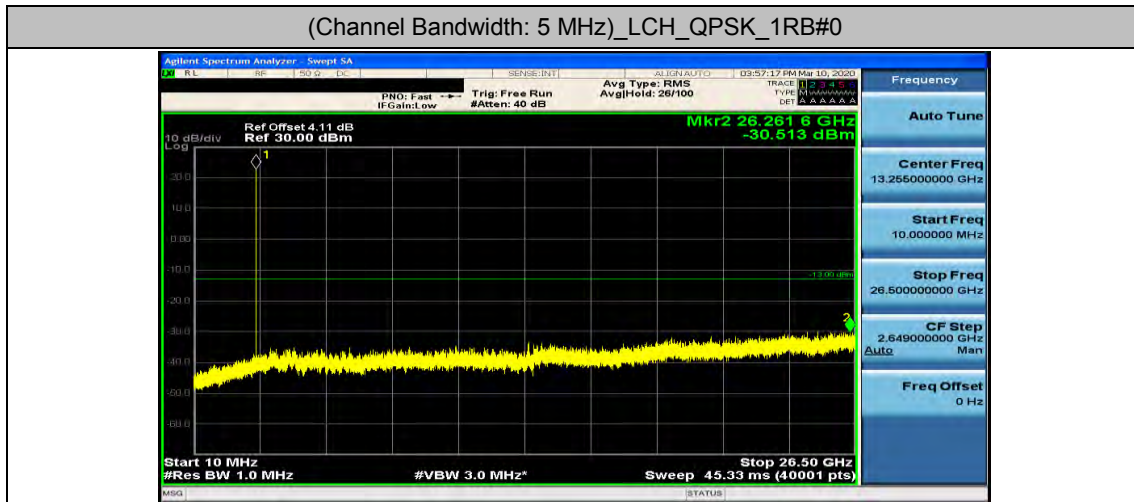


Appendix E: Conducted Spurious Emission

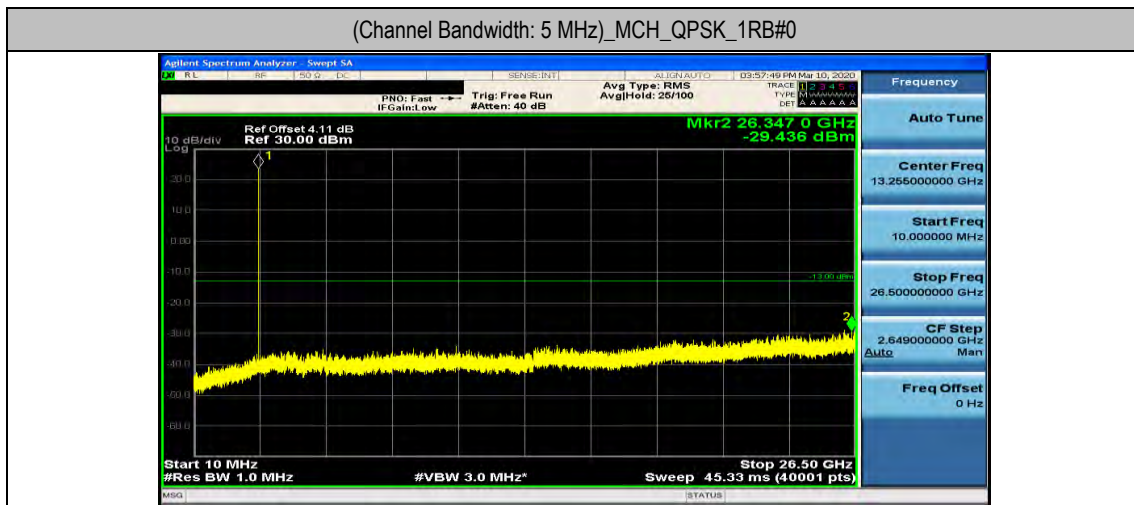
Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



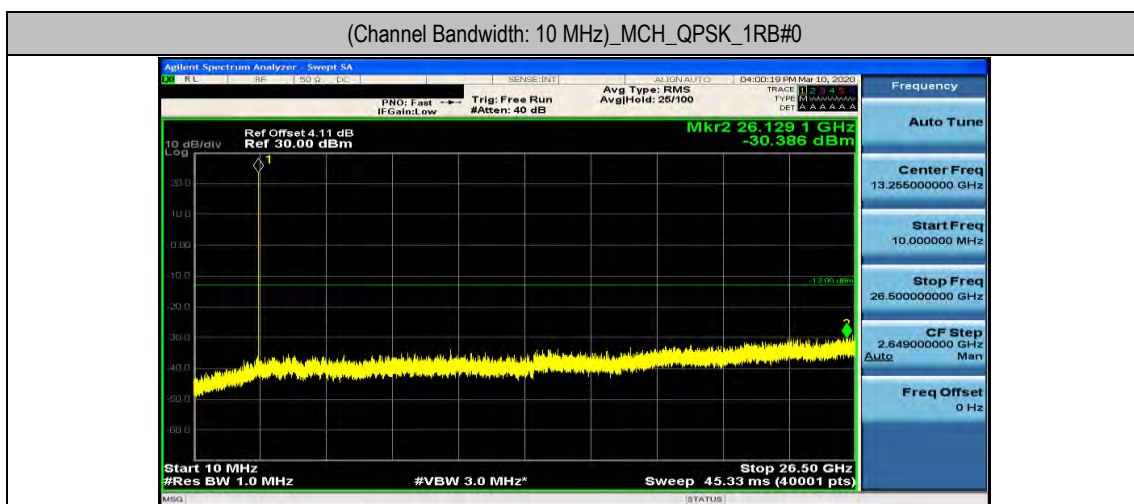
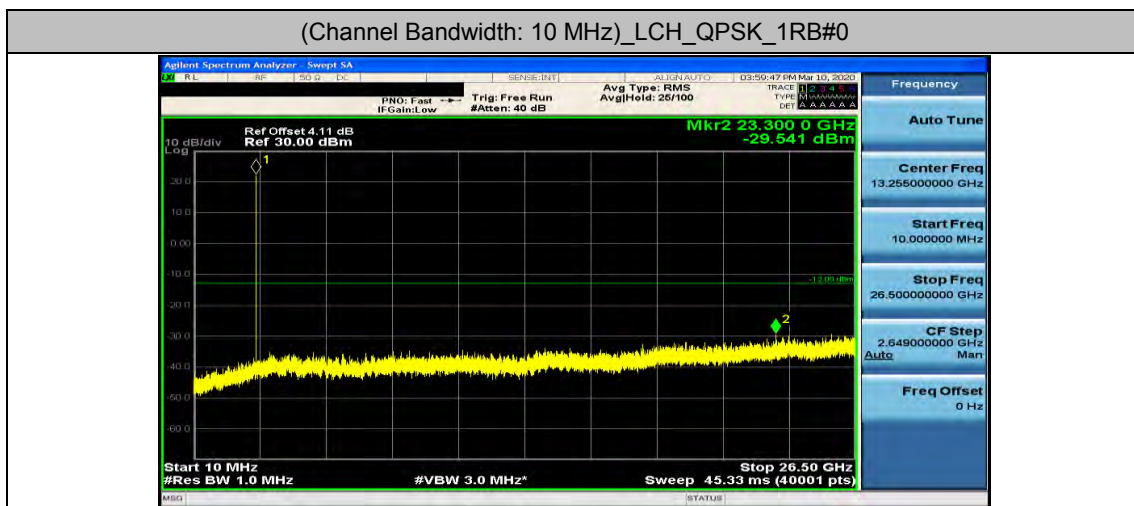
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

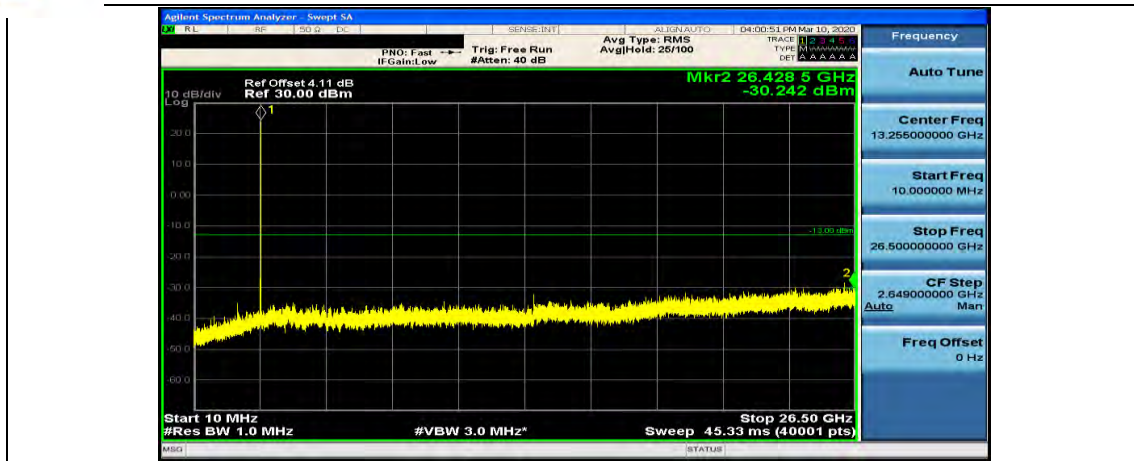


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



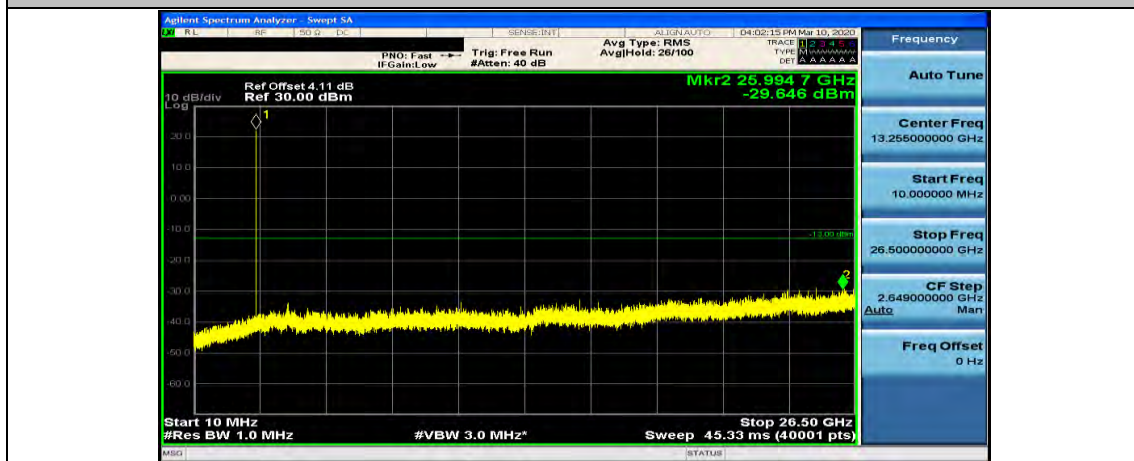
Channel Bandwidth: 10 MHz



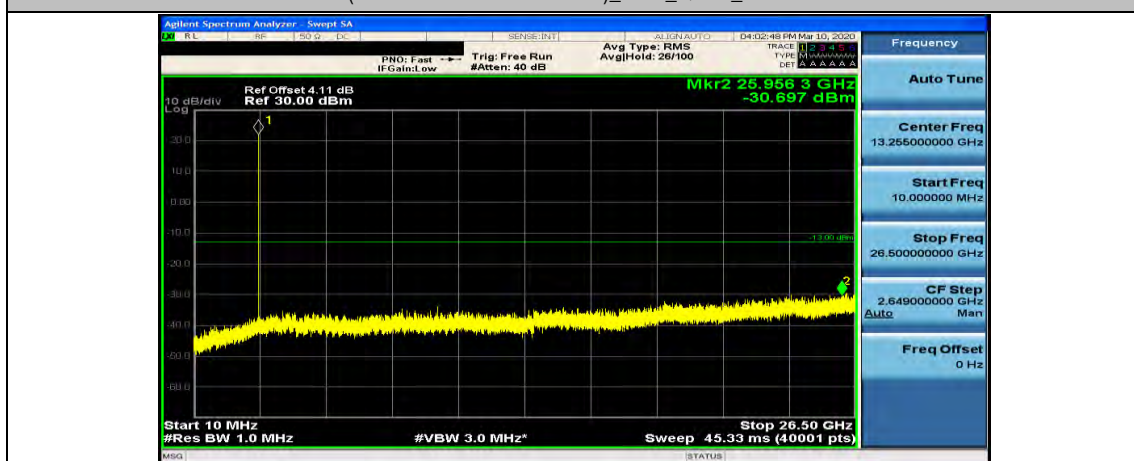


Channel Bandwidth: 15 MHz

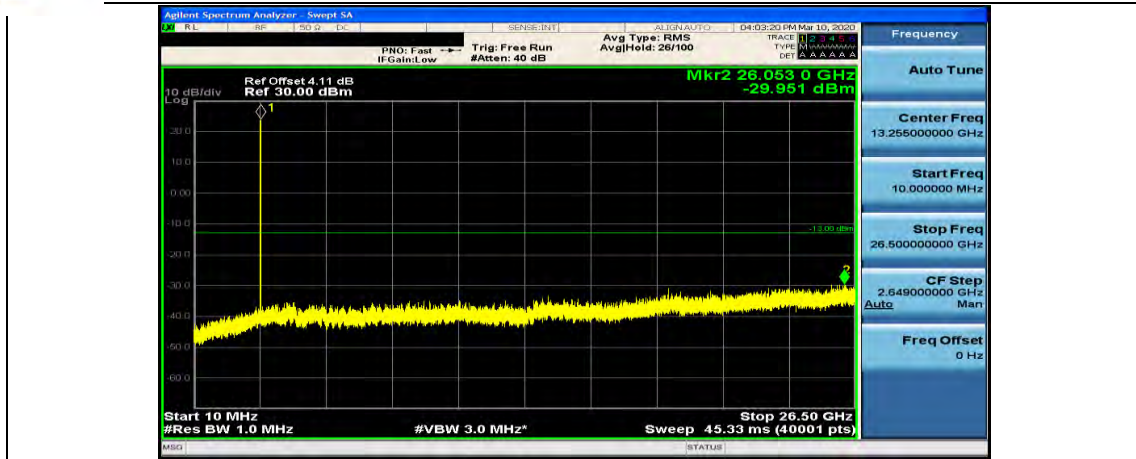
(Channel Bandwidth: 15 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 15 MHz)_MCH_QPSK_1RB#0

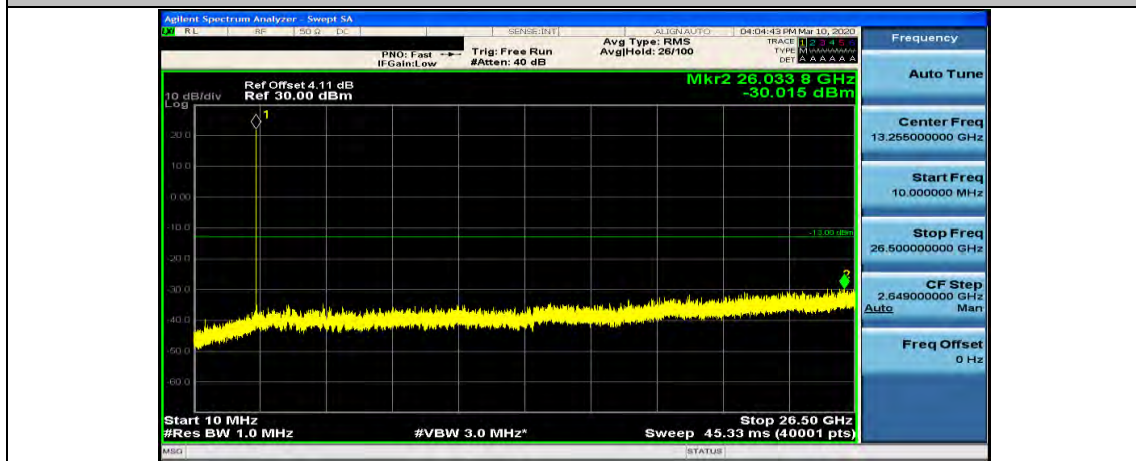


(Channel Bandwidth: 15 MHz)_HCH_QPSK_1RB#0

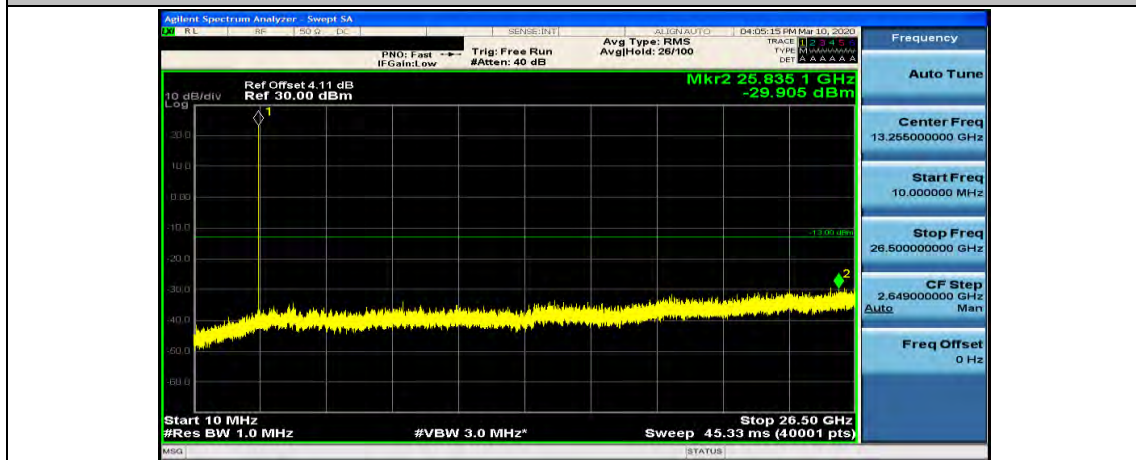


Channel Bandwidth: 20 MHz

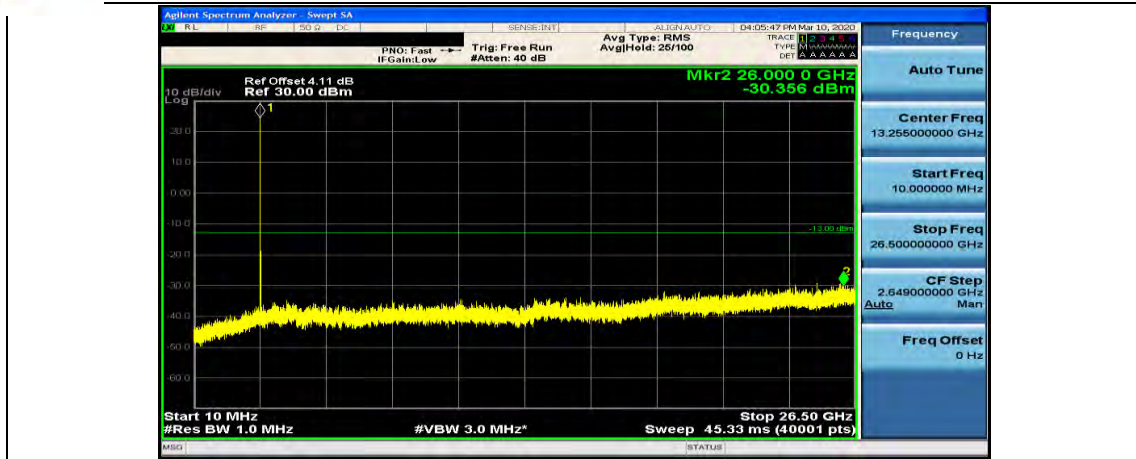
(Channel Bandwidth: 20 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 20 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 20 MHz)_HCH_QPSK_1RB#0



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	7.30	0.002922	± 2.5	PASS
		VN	TN	14.40	0.005763	± 2.5	PASS
		VH	TN	10.50	0.004203	± 2.5	PASS
	MCH	VL	TN	0.70	0.000270	± 2.5	PASS
		VN	TN	6.30	0.002430	± 2.5	PASS
		VH	TN	6.00	0.002314	± 2.5	PASS
	HCH	VL	TN	-8.00	-0.002977	± 2.5	PASS
		VN	TN	2.10	0.000781	± 2.5	PASS
		VH	TN	4.50	0.001674	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.70	-0.000680	± 2.5	PASS
		VN	-20	6.10	0.002441	± 2.5	PASS
		VN	-10	7.00	0.002802	± 2.5	PASS
		VN	0	14.50	0.005803	± 2.5	PASS
		VN	10	9.40	0.003762	± 2.5	PASS
		VN	20	14.50	0.005803	± 2.5	PASS
		VN	30	9.00	0.003602	± 2.5	PASS
		VN	40	10.60	0.004243	± 2.5	PASS
		VN	50	14.80	0.005924	± 2.5	PASS
	MCH	VN	-30	12.10	0.004666	± 2.5	PASS
		VN	-20	1.50	0.000578	± 2.5	PASS
		VN	-10	0.60	0.000231	± 2.5	PASS
		VN	0	10.40	0.004011	± 2.5	PASS

		VN	10	4.60	0.001774	± 2.5	PASS
		VN	20	3.90	0.001504	± 2.5	PASS
		VN	30	14.70	0.005669	± 2.5	PASS
		VN	40	12.10	0.004666	± 2.5	PASS
		VN	50	4.50	0.001735	± 2.5	PASS
	HCH	VN	-30	-5.20	-0.001935	± 2.5	PASS
		VN	-20	6.40	0.002381	± 2.5	PASS
		VN	-10	-1.80	-0.000670	± 2.5	PASS
		VN	0	2.10	0.000781	± 2.5	PASS
		VN	10	-0.20	-0.000074	± 2.5	PASS
		VN	20	-8.30	-0.003088	± 2.5	PASS
		VN	30	-4.10	-0.001526	± 2.5	PASS
		VN	40	-7.80	-0.002902	± 2.5	PASS
		VN	50	-8.90	-0.003312	± 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	-11.50	-0.004598	± 2.5	PASS
		VN	TN	-3.20	-0.001279	± 2.5	PASS
		VH	TN	-10.70	-0.004278	± 2.5	PASS
	MCH	VL	TN	1.40	0.000540	± 2.5	PASS
		VN	TN	3.60	0.001388	± 2.5	PASS
		VH	TN	6.50	0.002507	± 2.5	PASS
	HCH	VL	TN	5.80	0.002160	± 2.5	PASS
		VN	TN	6.80	0.002533	± 2.5	PASS
		VH	TN	-3.70	-0.001378	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.80	0.001519	± 2.5	PASS
		VN	-20	2.50	0.001000	± 2.5	PASS
		VN	-10	-4.00	-0.001599	± 2.5	PASS
		VN	0	2.10	0.000840	± 2.5	PASS
		VN	10	0.80	0.000320	± 2.5	PASS
		VN	20	-3.90	-0.001559	± 2.5	PASS
		VN	30	-11.70	-0.004678	± 2.5	PASS
		VN	40	1.70	0.000680	± 2.5	PASS
		VN	50	-1.40	-0.000560	± 2.5	PASS
	MCH	VN	-30	14.70	0.005669	± 2.5	PASS
		VN	-20	5.80	0.002237	± 2.5	PASS
		VN	-10	12.90	0.004975	± 2.5	PASS
		VN	0	0.70	0.000270	± 2.5	PASS
		VN	10	11.40	0.004396	± 2.5	PASS
		VN	20	2.90	0.001118	± 2.5	PASS
VN		30	1.80	0.000694	± 2.5	PASS	

		VN	40	8.70	0.003355	± 2.5	PASS
		VN	50	13.90	0.005361	± 2.5	PASS
	HCH	VN	-30	7.50	0.002793	± 2.5	PASS
		VN	-20	6.00	0.002235	± 2.5	PASS
		VN	-10	-4.40	-0.001639	± 2.5	PASS
		VN	0	3.50	0.001304	± 2.5	PASS
		VN	10	0.60	0.000223	± 2.5	PASS
		VN	20	-2.90	-0.001080	± 2.5	PASS
		VN	30	-3.80	-0.001415	± 2.5	PASS
		VN	40	-1.50	-0.000559	± 2.5	PASS
		VN	50	3.20	0.001192	± 2.5	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	7.70	0.003076	± 2.5	PASS
		VN	TN	5.50	0.002197	± 2.5	PASS
		VH	TN	0.80	0.000320	± 2.5	PASS
	MCH	VL	TN	4.10	0.001581	± 2.5	PASS
		VN	TN	14.00	0.005399	± 2.5	PASS
		VH	TN	3.30	0.001273	± 2.5	PASS
	HCH	VL	TN	-0.10	-0.000037	± 2.5	PASS
		VN	TN	-6.50	-0.002423	± 2.5	PASS
		VH	TN	-6.80	-0.002535	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	7.80	0.003116	± 2.5	PASS
		VN	-20	-4.30	-0.001718	± 2.5	PASS
		VN	-10	-5.80	-0.002317	± 2.5	PASS
		VN	0	-5.30	-0.002117	± 2.5	PASS
		VN	10	4.40	0.001758	± 2.5	PASS
		VN	20	4.10	0.001638	± 2.5	PASS
		VN	30	-1.80	-0.000719	± 2.5	PASS
		VN	40	-2.10	-0.000839	± 2.5	PASS
		VN	50	0.40	0.000160	± 2.5	PASS
	MCH	VN	-30	2.40	0.000926	± 2.5	PASS
		VN	-20	15.40	0.005939	± 2.5	PASS
		VN	-10	10.90	0.004204	± 2.5	PASS
		VN	0	11.60	0.004474	± 2.5	PASS
		VN	10	12.80	0.004936	± 2.5	PASS
		VN	20	13.40	0.005168	± 2.5	PASS
		VN	30	13.00	0.005013	± 2.5	PASS
		VN	40	13.70	0.005283	± 2.5	PASS
	VN	50	1.00	0.000386	± 2.5	PASS	
	HCH	VN	-30	-10.30	-0.003840	± 2.5	PASS

		VN	-20	-10.50	-0.003914	± 2.5	PASS
		VN	-10	-9.90	-0.003691	± 2.5	PASS
		VN	0	-11.10	-0.004138	± 2.5	PASS
		VN	10	-0.80	-0.000298	± 2.5	PASS
		VN	20	-2.00	-0.000746	± 2.5	PASS
		VN	30	0.50	0.000186	± 2.5	PASS
		VN	40	-3.00	-0.001118	± 2.5	PASS
		VN	50	-4.70	-0.001752	± 2.5	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	5.80	0.002314	± 2.5	PASS
		VN	TN	6.00	0.002394	± 2.5	PASS
		VH	TN	9.70	0.003871	± 2.5	PASS
	MCH	VL	TN	1.00	0.000386	± 2.5	PASS
		VN	TN	23.50	0.009063	± 2.5	PASS
		VH	TN	13.40	0.005168	± 2.5	PASS
	HCH	VL	TN	13.20	0.004925	± 2.5	PASS
		VN	TN	13.90	0.005187	± 2.5	PASS
		VH	TN	4.50	0.001679	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	6.10	0.002434	± 2.5	PASS
		VN	-20	11.50	0.004589	± 2.5	PASS
		VN	-10	7.60	0.003033	± 2.5	PASS
		VN	0	9.40	0.003751	± 2.5	PASS
		VN	10	10.80	0.004310	± 2.5	PASS
		VN	20	2.10	0.000838	± 2.5	PASS
		VN	30	-0.30	-0.000120	± 2.5	PASS
		VN	40	8.80	0.003512	± 2.5	PASS
		VN	50	3.20	0.001277	± 2.5	PASS
	MCH	VN	-30	3.00	0.001157	± 2.5	PASS
		VN	-20	9.00	0.003471	± 2.5	PASS
		VN	-10	12.50	0.004821	± 2.5	PASS
		VN	0	14.60	0.005631	± 2.5	PASS
		VN	10	1.10	0.000424	± 2.5	PASS
		VN	20	3.40	0.001311	± 2.5	PASS
		VN	30	1.00	0.000386	± 2.5	PASS
		VN	40	5.40	0.002083	± 2.5	PASS
		VN	50	11.50	0.004435	± 2.5	PASS
	HCH	VN	-30	9.50	0.003545	± 2.5	PASS
		VN	-20	2.10	0.000784	± 2.5	PASS
		VN	-10	3.60	0.001343	± 2.5	PASS
		VN	0	7.20	0.002687	± 2.5	PASS



		VN	10	9.80	0.003657	± 2.5	PASS
		VN	20	12.40	0.004627	± 2.5	PASS
		VN	30	-1.30	-0.000485	± 2.5	PASS
		VN	40	2.00	0.000746	± 2.5	PASS
		VN	50	8.30	0.003097	± 2.5	PASS