

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	22.63	PASS
		1	2	22.70	PASS
		1	5	22.67	PASS
		3	0	22.69	PASS
		3	1	22.72	PASS
		3	3	22.68	PASS
		6	0	21.66	PASS
	MCH	1	0	22.58	PASS
		1	2	22.64	PASS
		1	5	22.58	PASS
		3	0	22.60	PASS
		3	1	22.66	PASS
		3	3	22.62	PASS
		6	0	21.61	PASS
	HCH	1	0	22.50	PASS
		1	2	22.56	PASS
		1	5	22.48	PASS
		3	0	22.52	PASS
		3	1	22.57	PASS
		3	3	22.52	PASS
		6	0	21.52	PASS
16QAM	LCH	1	0	21.93	PASS
		1	2	22.03	PASS
		1	5	21.95	PASS
		3	0	21.82	PASS
		3	1	21.91	PASS
		3	3	21.85	PASS
		6	0	20.79	PASS
	MCH	1	0	21.72	PASS
		1	2	21.77	PASS
		1	5	21.73	PASS
		3	0	21.64	PASS
		3	1	21.69	PASS
		3	3	21.64	PASS



		6	0	20.66	PASS
	HCH	1	0	21.71	PASS
		1	2	21.80	PASS
		1	5	21.69	PASS
		3	0	21.63	PASS
		3	1	21.70	PASS
		3	3	21.64	PASS
		6	0	20.64	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.68	PASS
		1	7	22.79	PASS
		1	14	22.70	PASS
		8	0	21.69	PASS
		8	3	21.75	PASS
		8	7	21.71	PASS
		15	0	21.73	PASS
	MCH	1	0	22.60	PASS
		1	7	22.69	PASS
		1	14	22.62	PASS
		8	0	21.64	PASS
		8	3	21.70	PASS
		8	7	21.63	PASS
		15	0	21.68	PASS
	HCH	1	0	22.56	PASS
		1	7	22.66	PASS
		1	14	22.55	PASS
		8	0	21.54	PASS
		8	3	21.60	PASS
		8	7	21.57	PASS
		15	0	21.59	PASS
16QAM	LCH	1	0	22.00	PASS
		1	7	22.16	PASS
		1	14	22.03	PASS
		8	0	20.83	PASS
		8	3	20.87	PASS
		8	7	20.82	PASS
		15	0	20.81	PASS

	MCH	1	0	21.80	PASS
		1	7	21.84	PASS
		1	14	21.78	PASS
		8	0	20.63	PASS
		8	3	20.65	PASS
		8	7	20.63	PASS
		15	0	20.70	PASS
	HCH	1	0	21.88	PASS
		1	7	21.95	PASS
		1	14	21.76	PASS
		8	0	20.69	PASS
		8	3	20.71	PASS
		8	7	20.64	PASS
		15	0	20.62	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.68	PASS
		1	12	22.69	PASS
		1	24	22.67	PASS
		12	0	21.69	PASS
		12	6	21.75	PASS
		12	13	21.69	PASS
		25	0	21.71	PASS
	MCH	1	0	22.60	PASS
		1	12	22.64	PASS
		1	24	22.61	PASS
		12	0	21.65	PASS
		12	6	21.66	PASS
		12	13	21.63	PASS
		25	0	21.67	PASS
	HCH	1	0	22.55	PASS
		1	12	22.56	PASS
		1	24	22.57	PASS
		12	0	21.57	PASS
		12	6	21.65	PASS
		12	13	21.58	PASS
		25	0	21.61	PASS
16QAM	LCH	1	0	21.98	PASS
		1	12	21.99	PASS

		1	24	21.92	PASS
		12	0	20.78	PASS
		12	6	20.87	PASS
		12	13	20.79	PASS
		25	0	20.76	PASS
	MCH	1	0	21.78	PASS
		1	12	21.76	PASS
		1	24	21.81	PASS
		12	0	20.67	PASS
		12	6	20.68	PASS
		12	13	20.66	PASS
		25	0	20.68	PASS
	HCH	1	0	21.87	PASS
		1	12	21.91	PASS
		1	24	21.78	PASS
		12	0	20.68	PASS
		12	6	20.74	PASS
		12	13	20.72	PASS
		25	0	20.66	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.67	PASS
		1	24	22.64	PASS
		1	49	22.65	PASS
		25	0	21.69	PASS
		25	12	21.74	PASS
		25	25	21.71	PASS
		50	0	21.70	PASS
	MCH	1	0	22.61	PASS
		1	24	22.57	PASS
		1	49	22.61	PASS
		25	0	21.67	PASS
		25	12	21.68	PASS
		25	25	21.67	PASS
		50	0	21.67	PASS
	HCH	1	0	22.57	PASS
		1	24	22.60	PASS
		1	49	22.58	PASS
		25	0	21.63	PASS



16QAM			25	12	21.64	PASS
			25	25	21.63	PASS
			50	0	21.63	PASS
	LCH		1	0	21.94	PASS
			1	24	21.94	PASS
			1	49	21.82	PASS
			25	0	20.75	PASS
			25	12	20.75	PASS
			25	25	20.70	PASS
			50	0	20.72	PASS
	MCH		1	0	21.88	PASS
			1	24	21.74	PASS
			1	49	21.96	PASS
			25	0	20.68	PASS
			25	12	20.69	PASS
			25	25	20.70	PASS
			50	0	20.71	PASS
	HCH		1	0	21.67	PASS
			1	24	21.85	PASS
			1	49	21.83	PASS
			25	0	20.63	PASS
			25	12	20.70	PASS
			25	25	20.67	PASS
			50	0	20.66	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	3.6	<13	PASS
QPSK	MCH	1	0	2.85	<13	PASS
QPSK	HCH	1	0	3.57	<13	PASS
16QAM	LCH	1	0	5.01	<13	PASS
16QAM	MCH	1	0	4.14	<13	PASS
16QAM	HCH	1	0	5.06	<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	3.37	<13	PASS
QPSK	MCH	1	0	2.76	<13	PASS
QPSK	HCH	1	0	3.54	<13	PASS
16QAM	LCH	1	0	4.91	<13	PASS
16QAM	MCH	1	0	4.17	<13	PASS
16QAM	HCH	1	0	5.3	<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	3.39	<13	PASS
QPSK	MCH	1	0	3	<13	PASS
QPSK	HCH	1	0	3.35	<13	PASS
16QAM	LCH	1	0	4.94	<13	PASS
16QAM	MCH	1	0	4.38	<13	PASS
16QAM	HCH	1	0	4.88	<13	PASS



Channel Bandwidth: 10 MHz

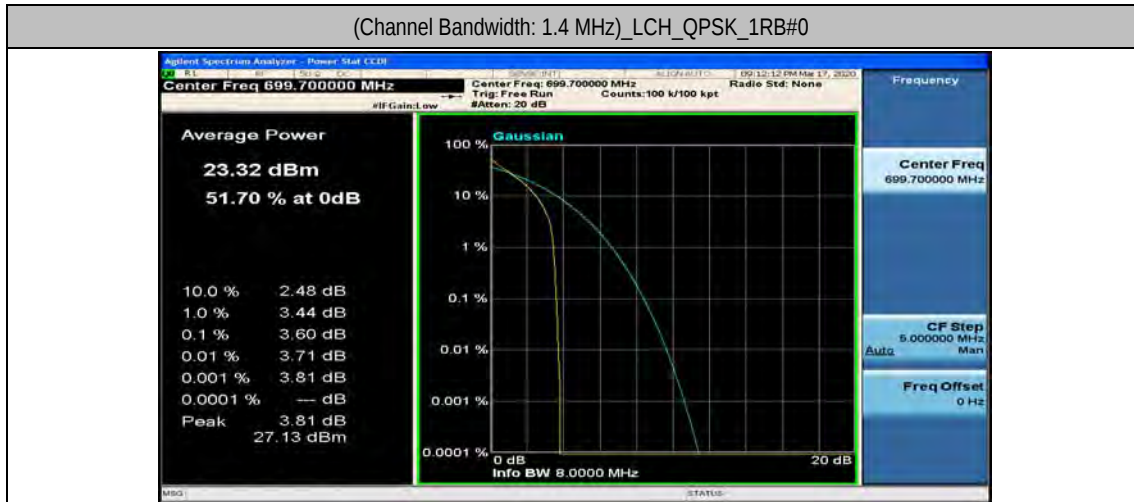
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.35	<13	PASS
QPSK	MCH	1	0	3.33	<13	PASS
QPSK	HCH	1	0	2.7	<13	PASS
16QAM	LCH	1	0	5.09	<13	PASS
16QAM	MCH	1	0	5.12	<13	PASS
16QAM	HCH	1	0	4.11	<13	PASS



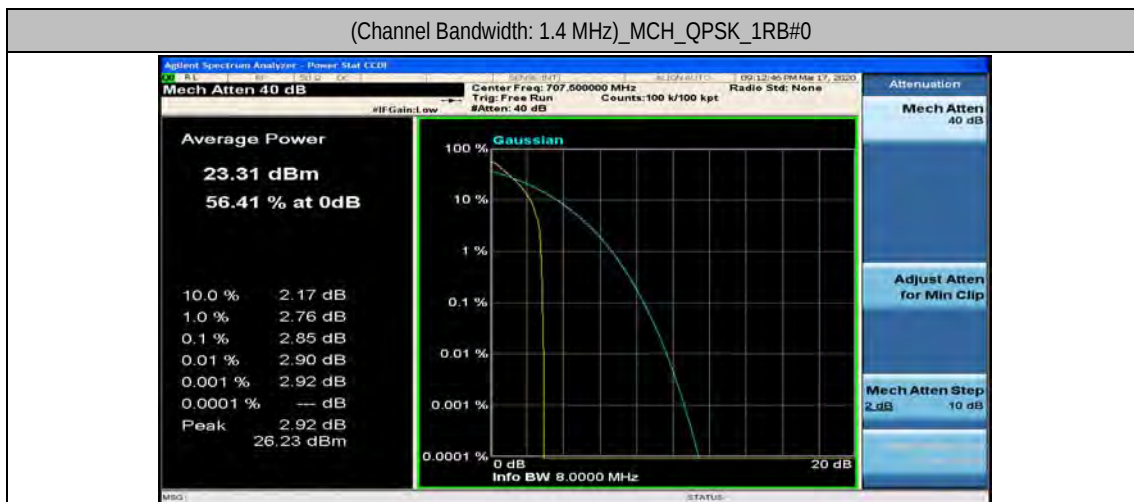
Test Graphs

Channel Bandwidth: 1.4 MHz

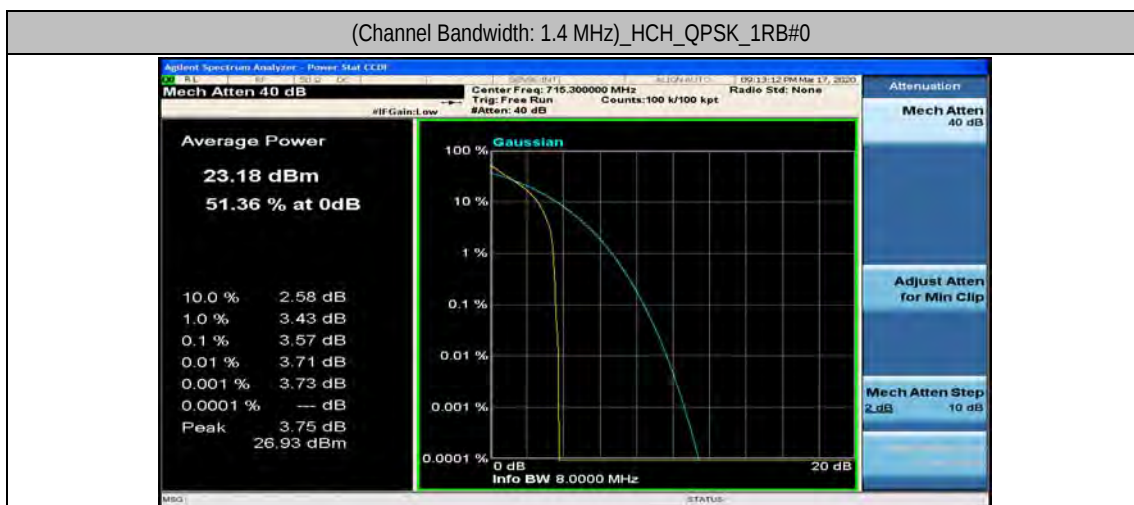
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



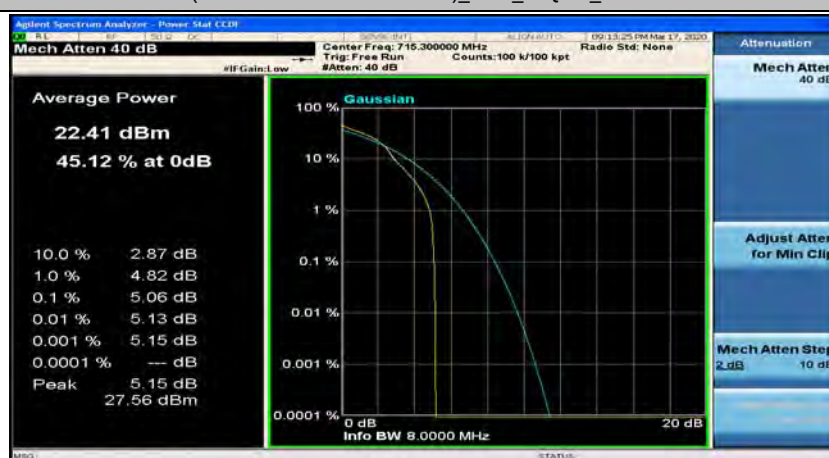
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0





Channel Bandwidth: 3 MHz

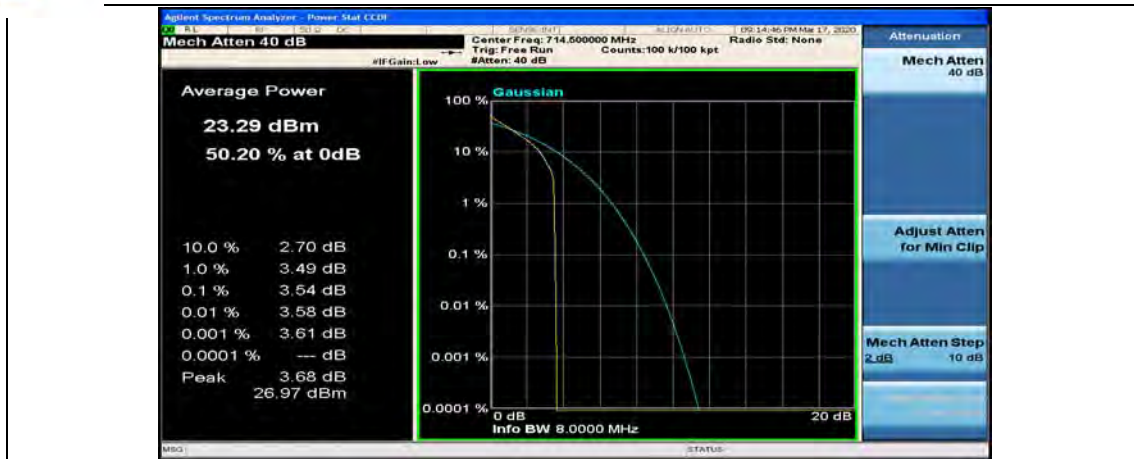
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



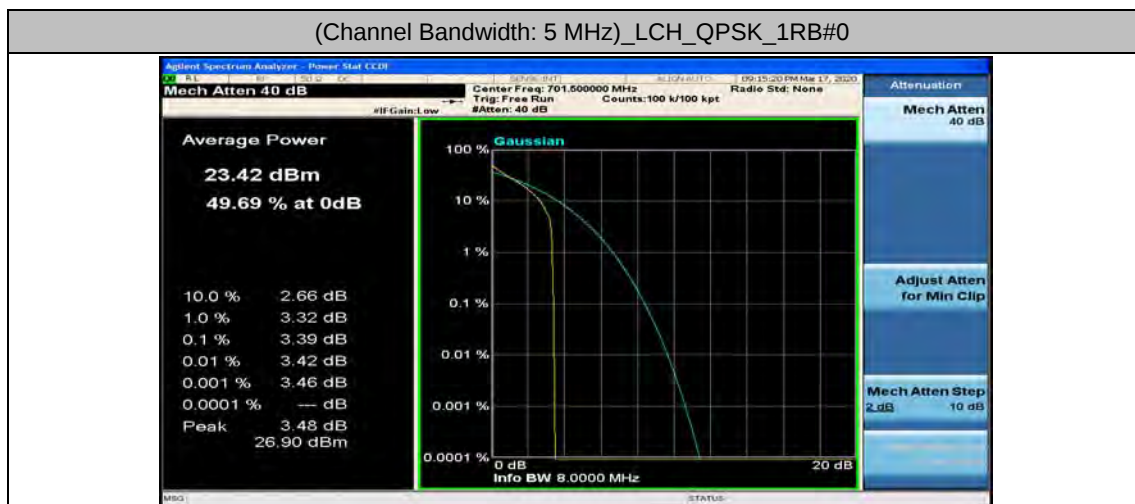
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



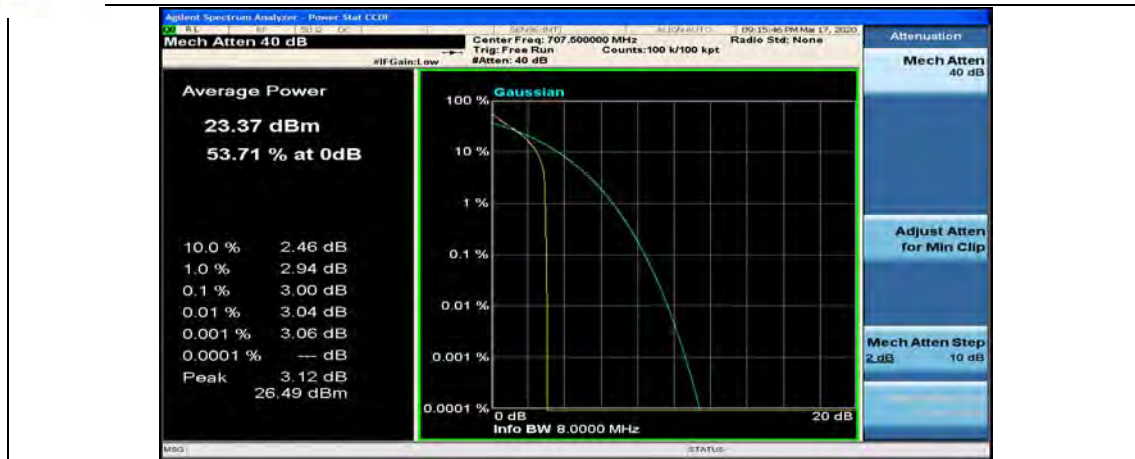
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



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



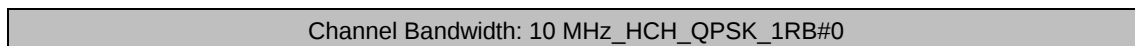
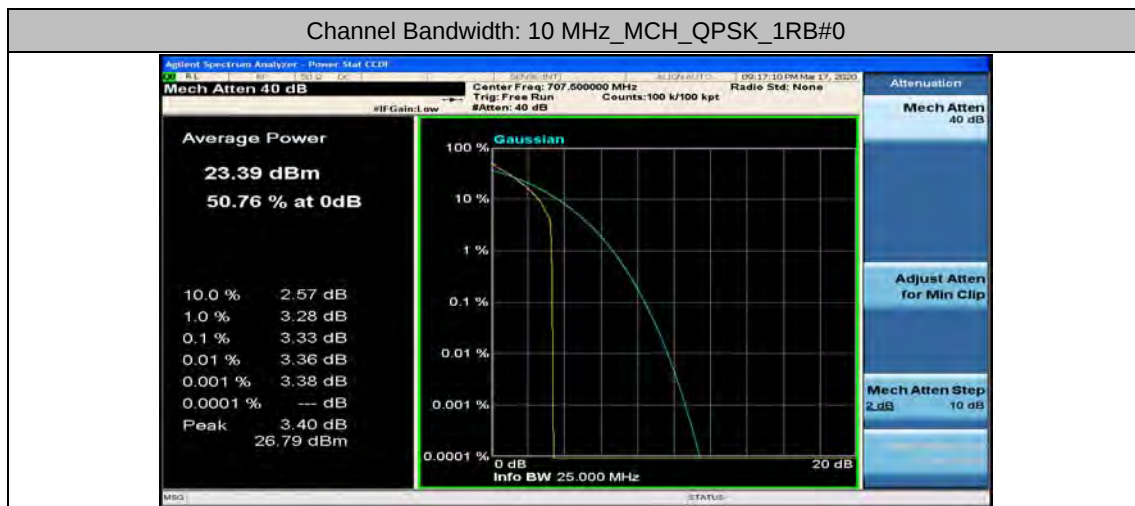
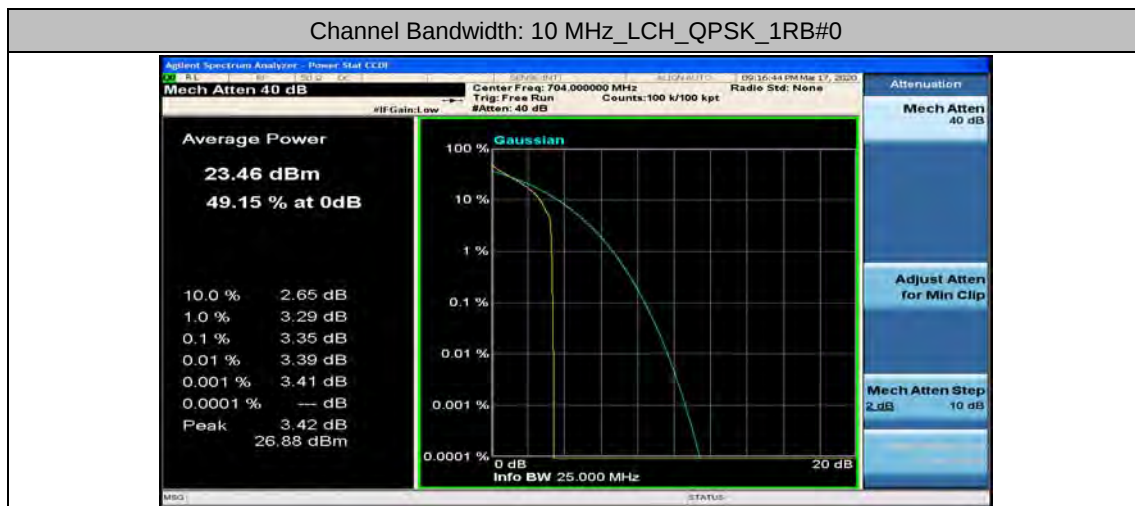
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

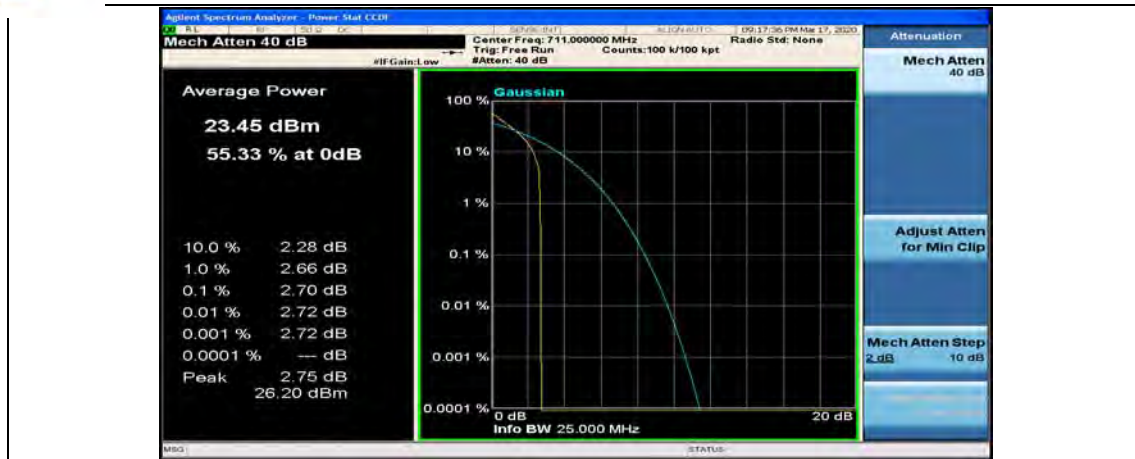


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

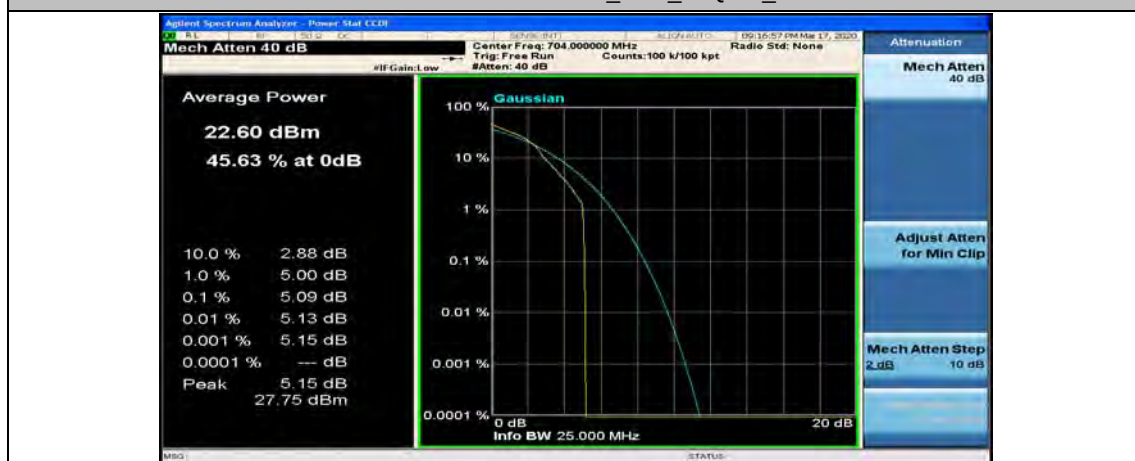


Channel Bandwidth: 10 MHz





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	1.0742	1.203	PASS
	MCH	6	0	1.0786	1.209	PASS
	HCH	6	0	1.0767	1.207	PASS
16QAM	LCH	6	0	1.0785	1.201	PASS
	MCH	6	0	1.0779	1.200	PASS
	HCH	6	0	1.0786	1.205	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	2.6835	2.905	PASS
	MCH	15	0	2.6868	2.926	PASS
	HCH	15	0	2.6855	2.904	PASS
16QAM	LCH	15	0	2.6857	2.888	PASS
	MCH	15	0	2.6843	2.896	PASS
	HCH	15	0	2.6865	2.925	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	4.4792	4.827	PASS
	MCH	25	0	4.4715	4.803	PASS
	HCH	25	0	4.4742	4.769	PASS
16QAM	LCH	25	0	4.4796	4.806	PASS



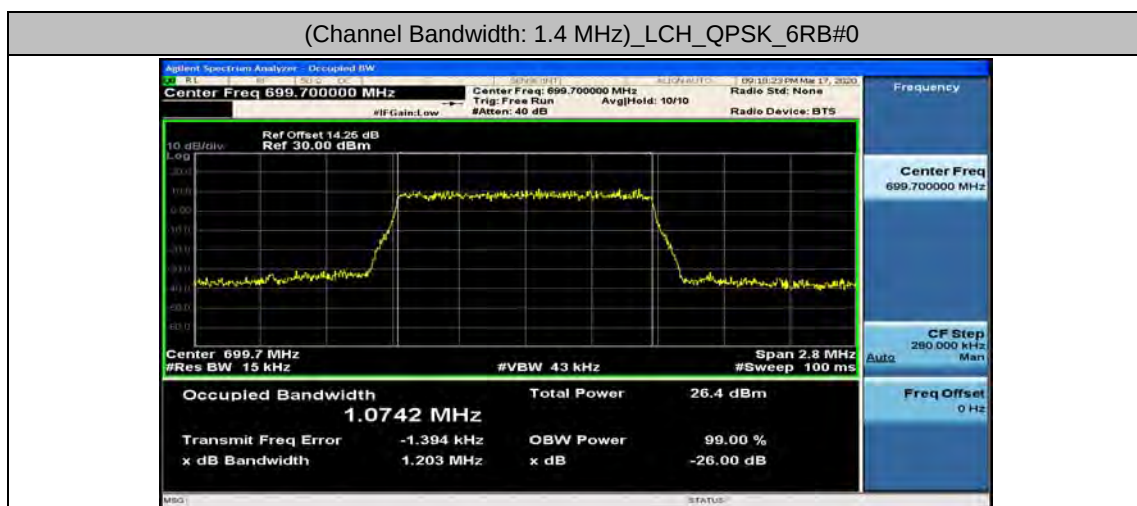
	MCH	25	0	4.4805	4.742	PASS
	HCH	25	0	4.4703	4.808	PASS

Channel Bandwidth: 10 MHz

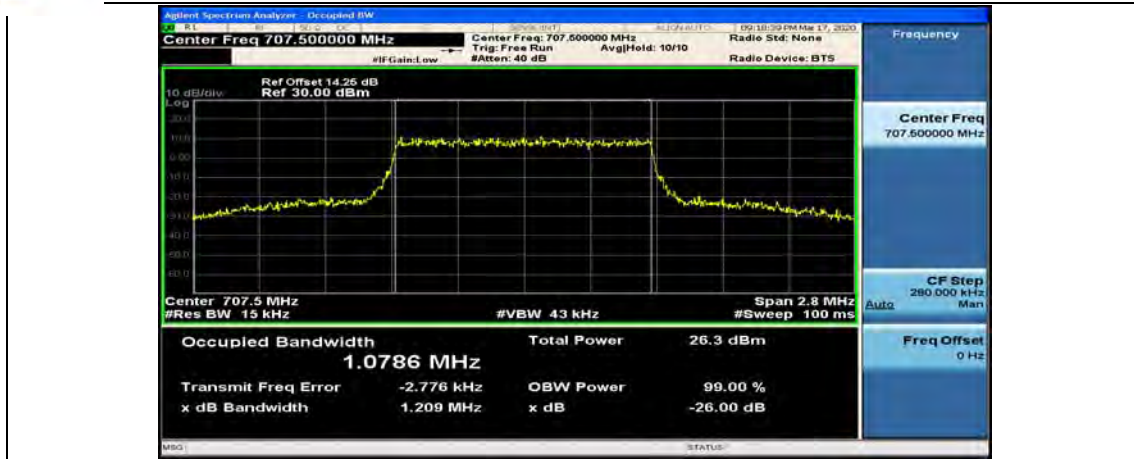
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9129	9.383	PASS
	MCH	50	0	8.9179	9.459	PASS
	HCH	50	0	8.9424	9.488	PASS
16QAM	LCH	50	0	8.9149	9.389	PASS
	MCH	50	0	8.9314	9.417	PASS
	HCH	50	0	8.9359	9.489	PASS

Test Graphs

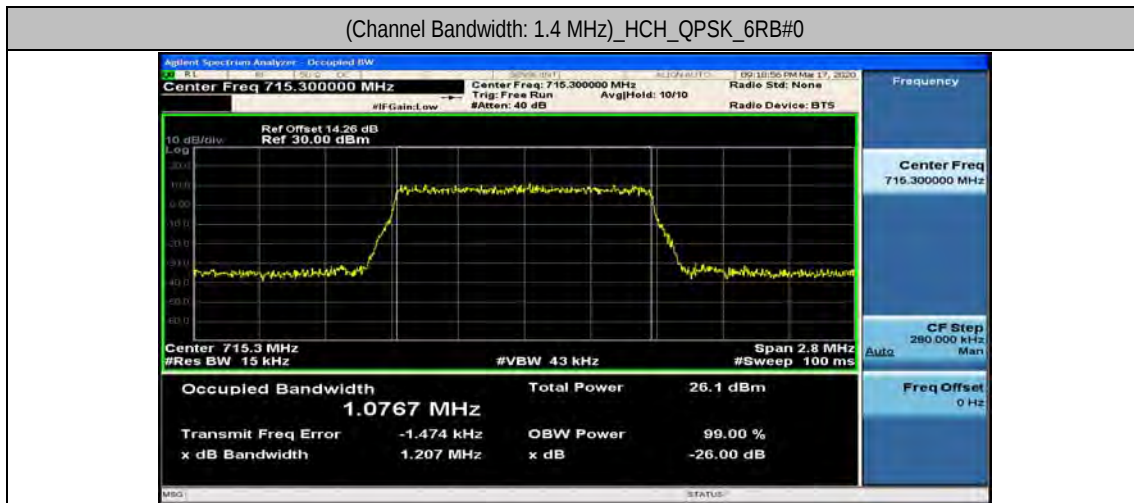
Channel Bandwidth: 1.4 MHz



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0

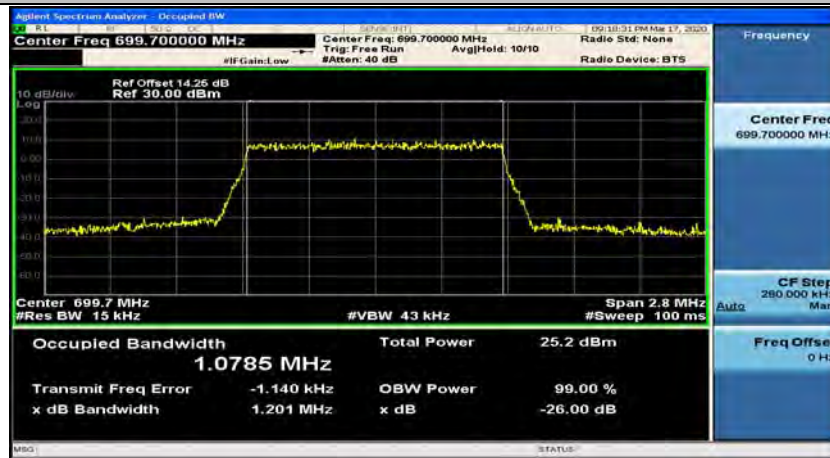


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0

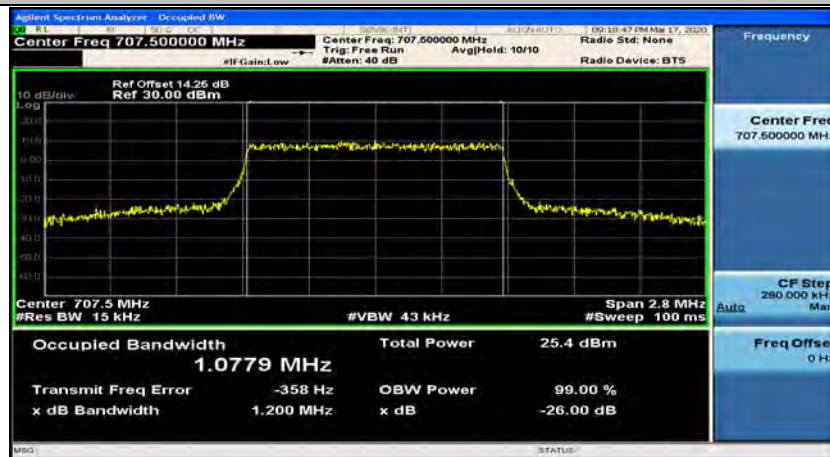




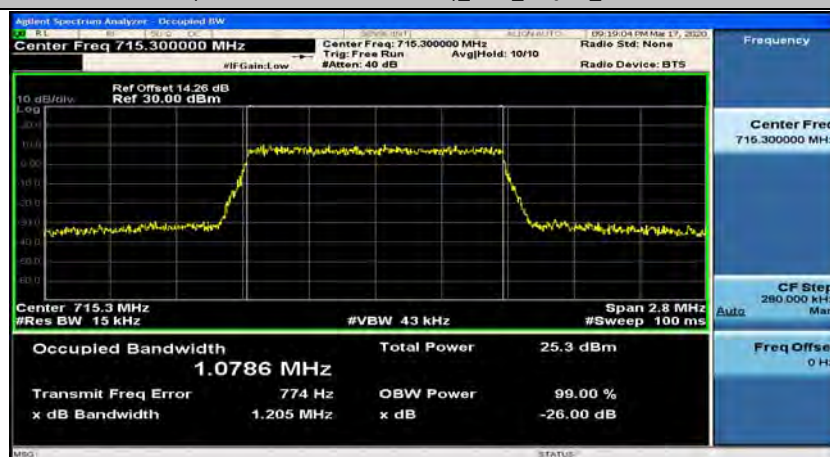
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



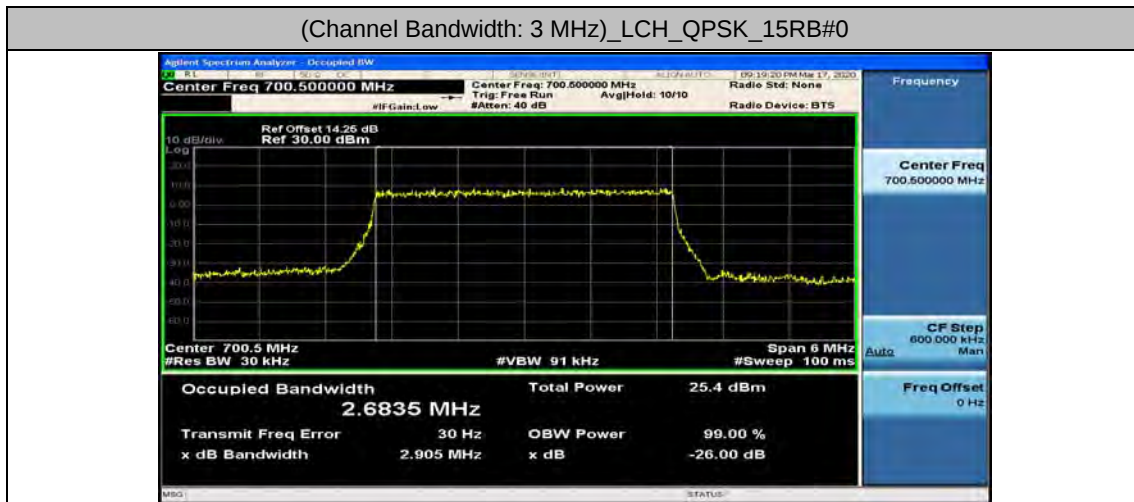
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



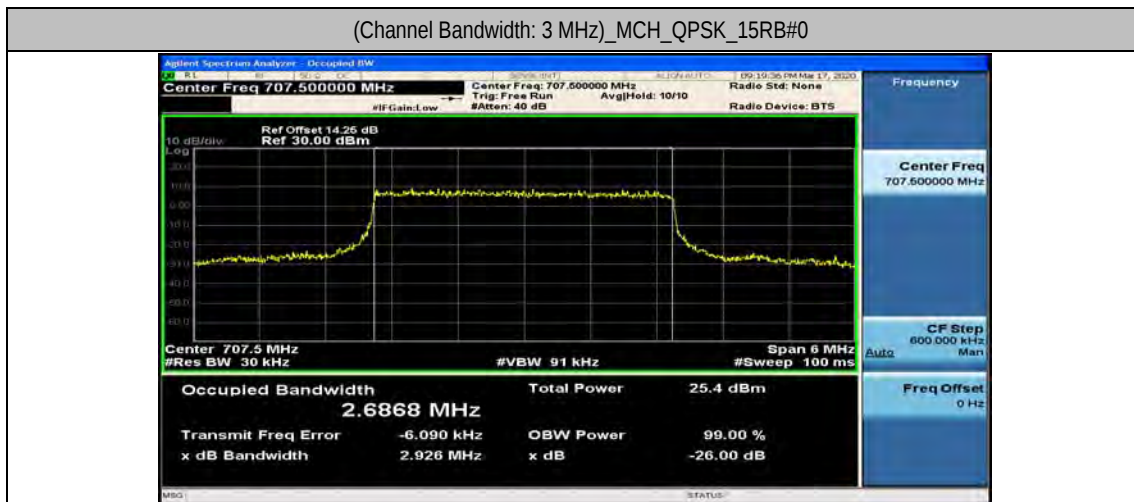


Channel Bandwidth: 3 MHz

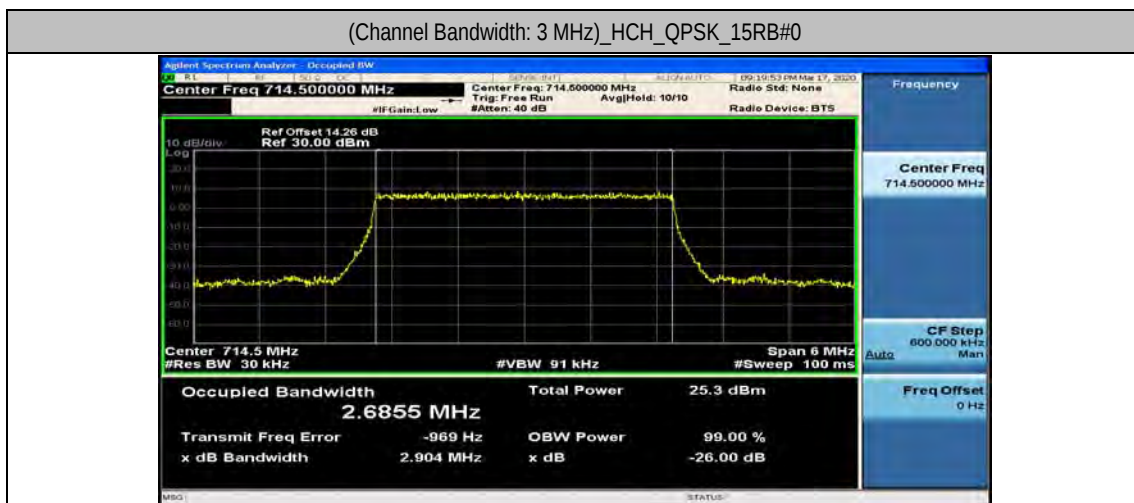
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



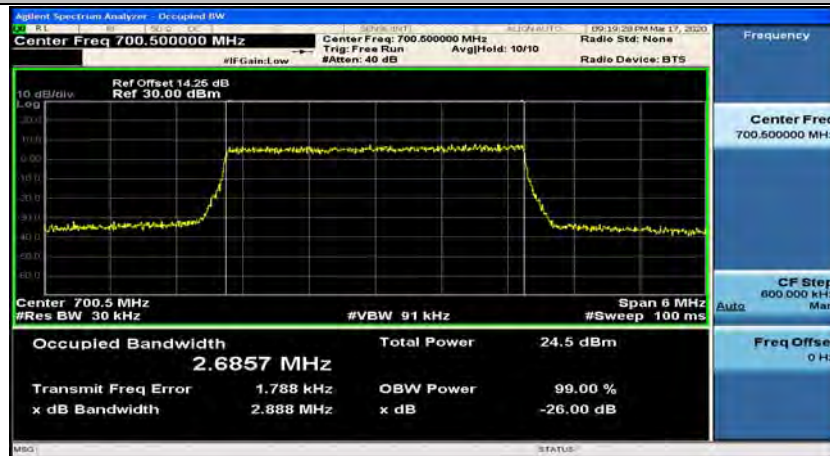
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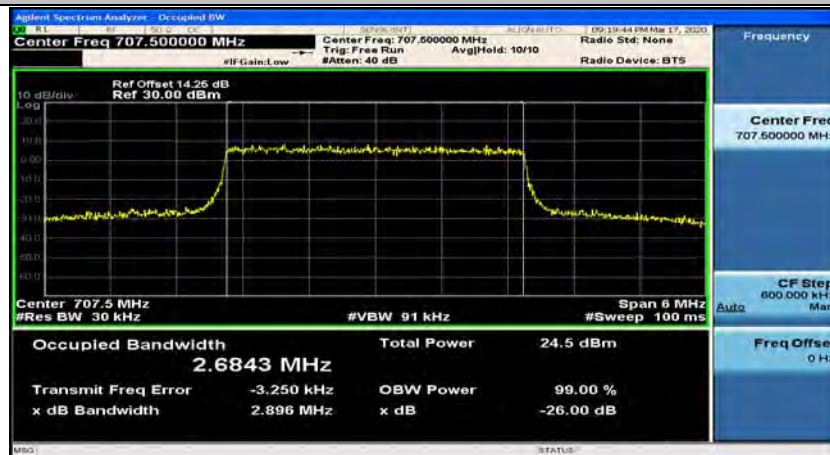
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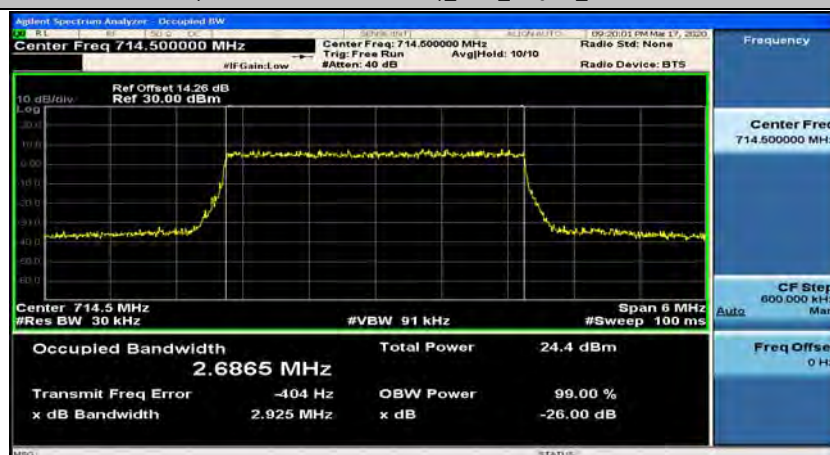
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



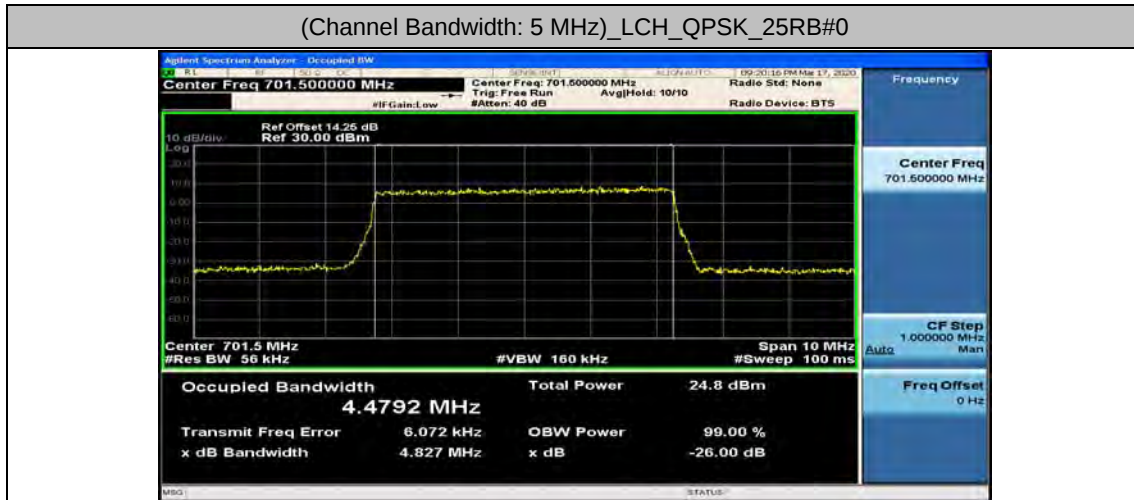
(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



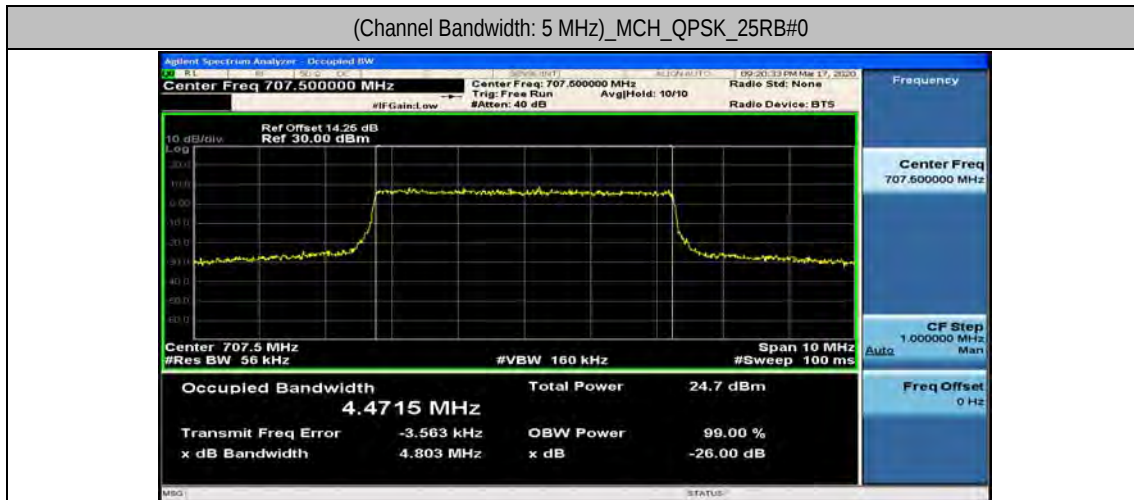


Channel Bandwidth: 5 MHz

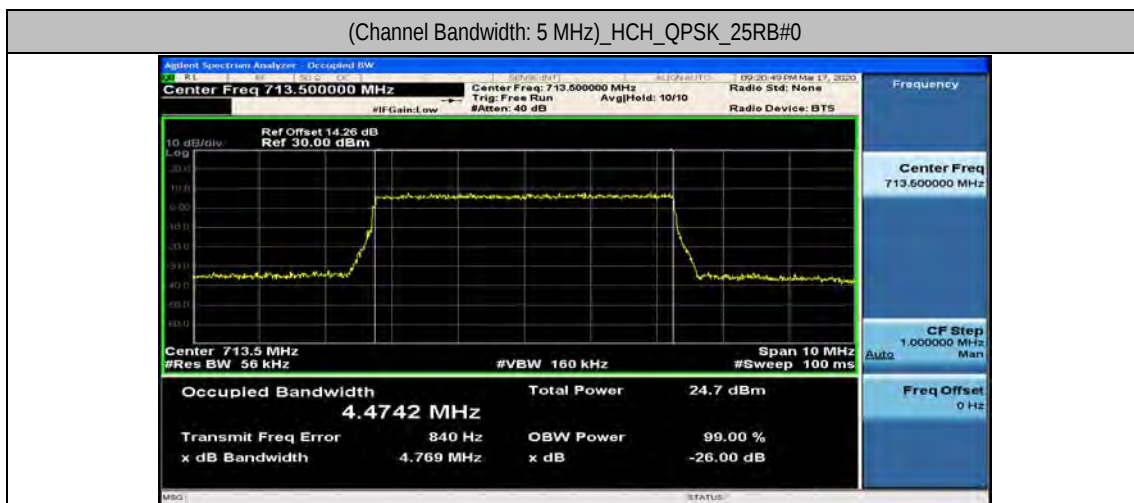
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

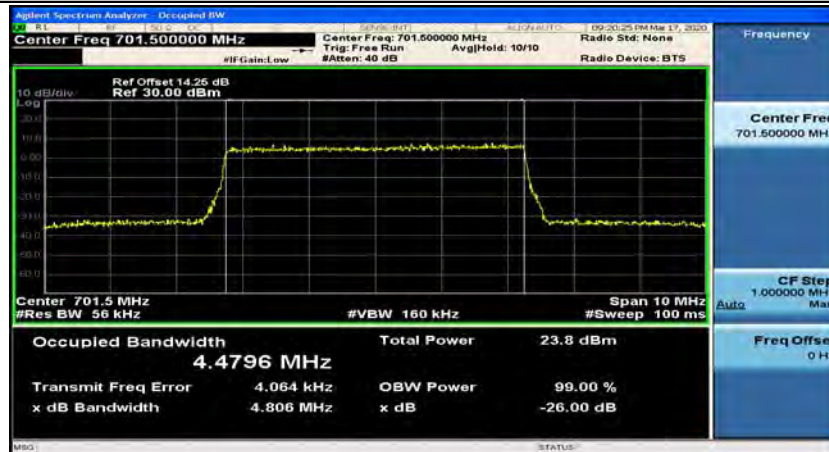


(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

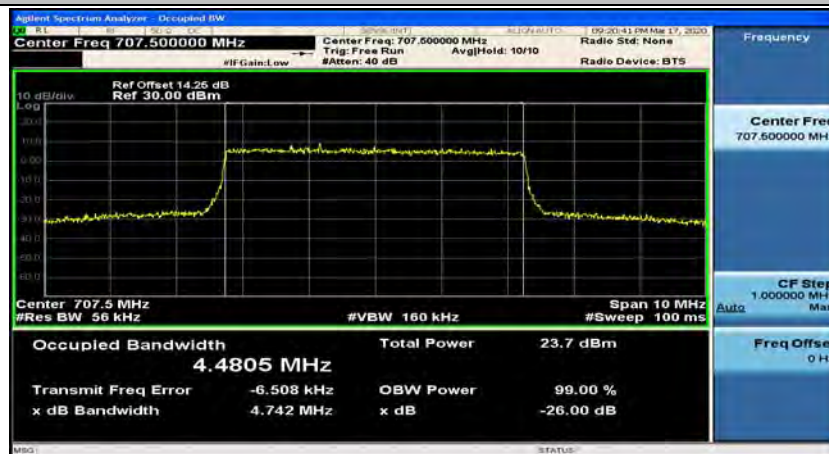




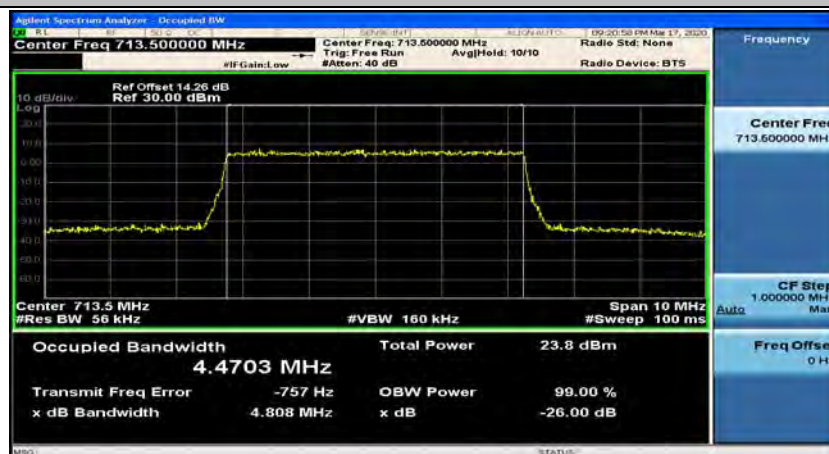
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



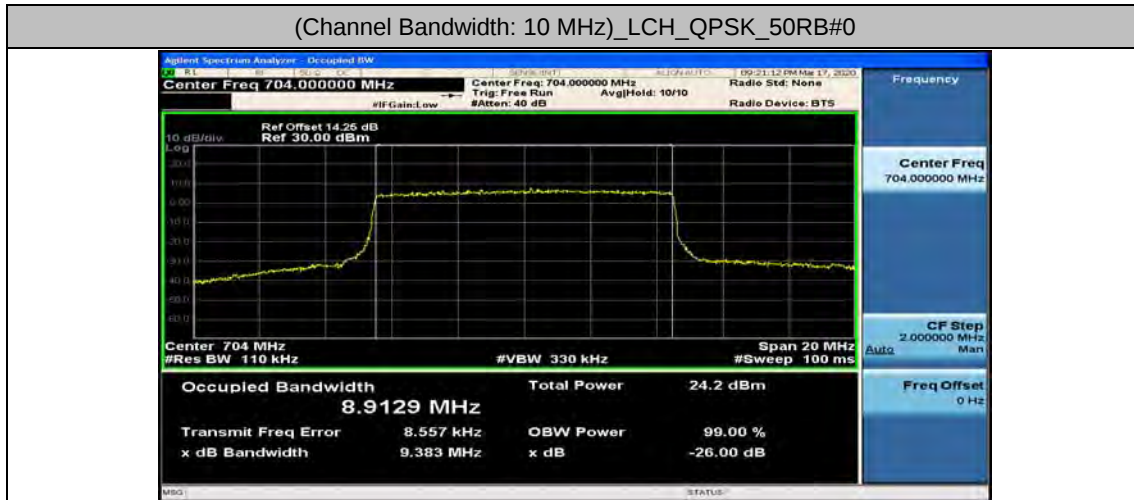
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



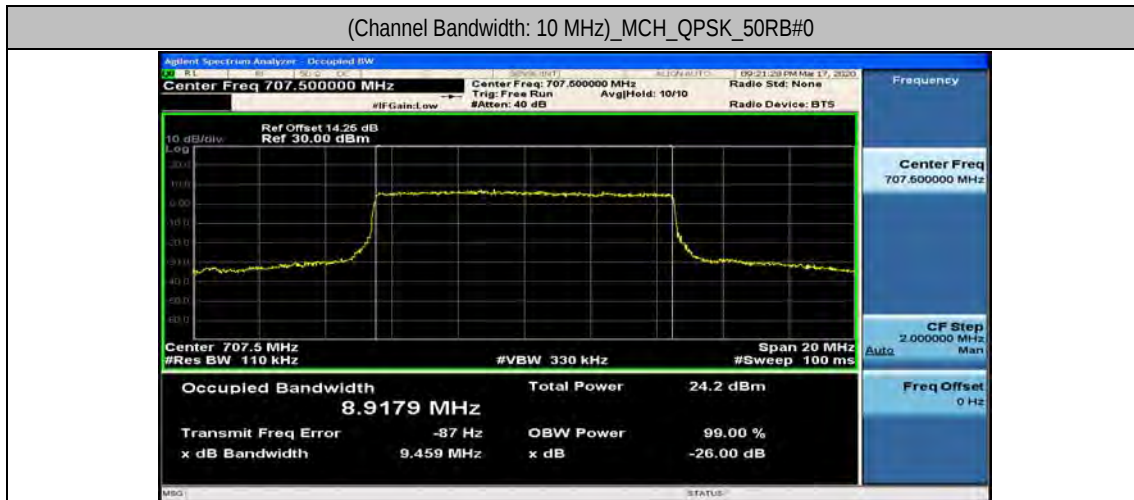


Channel Bandwidth: 10 MHz

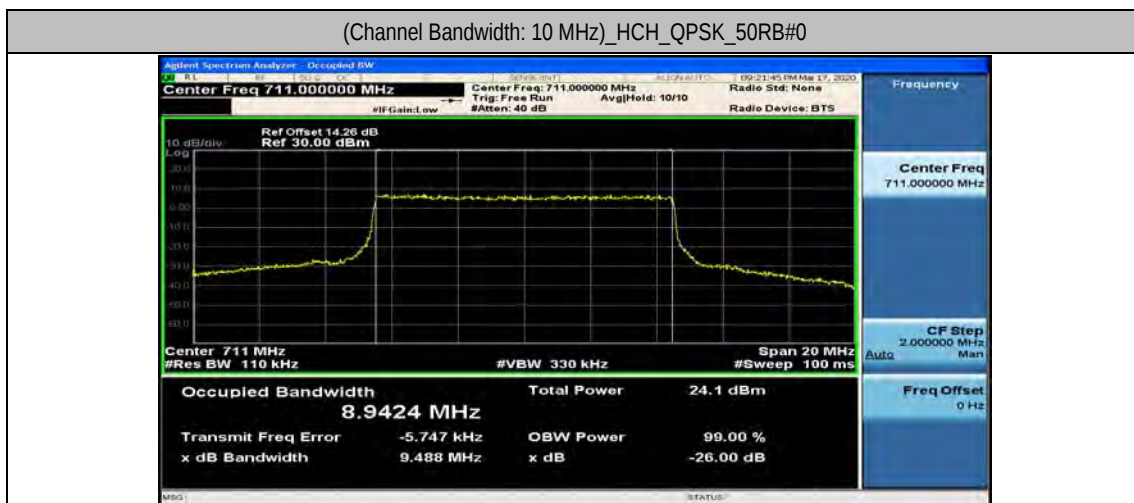
(Channel Bandwidth: 10 MHz)_LCH_QPSK_50RB#0



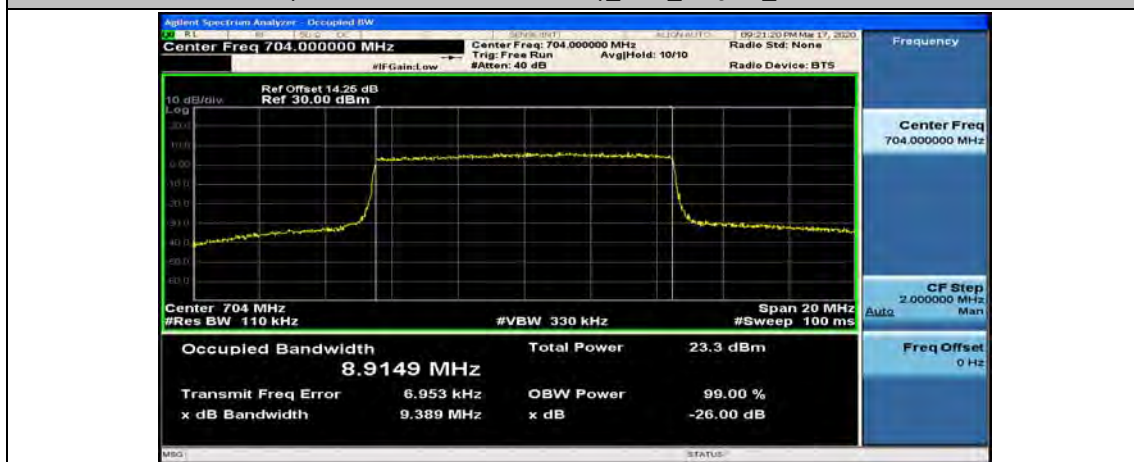
(Channel Bandwidth: 10 MHz)_MCH_QPSK_50RB#0



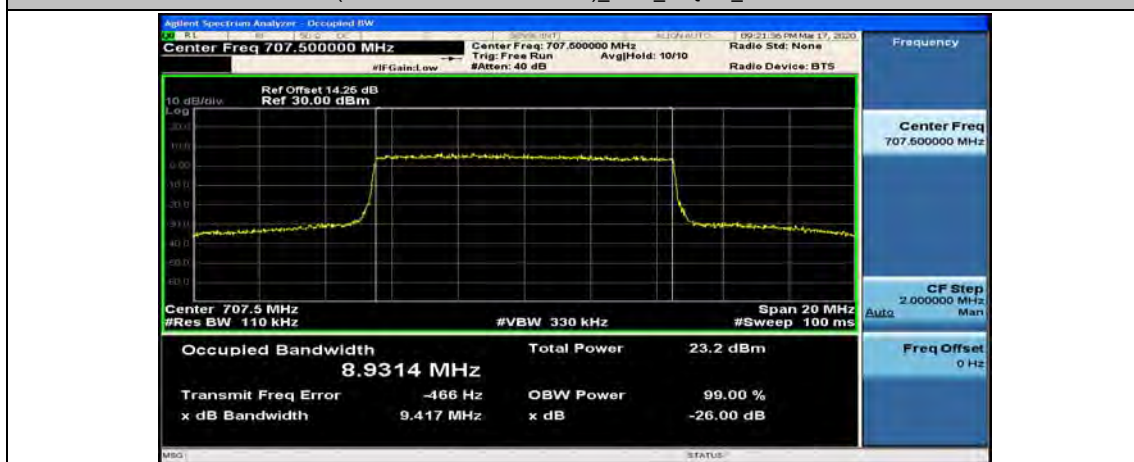
(Channel Bandwidth: 10 MHz)_HCH_QPSK_50RB#0



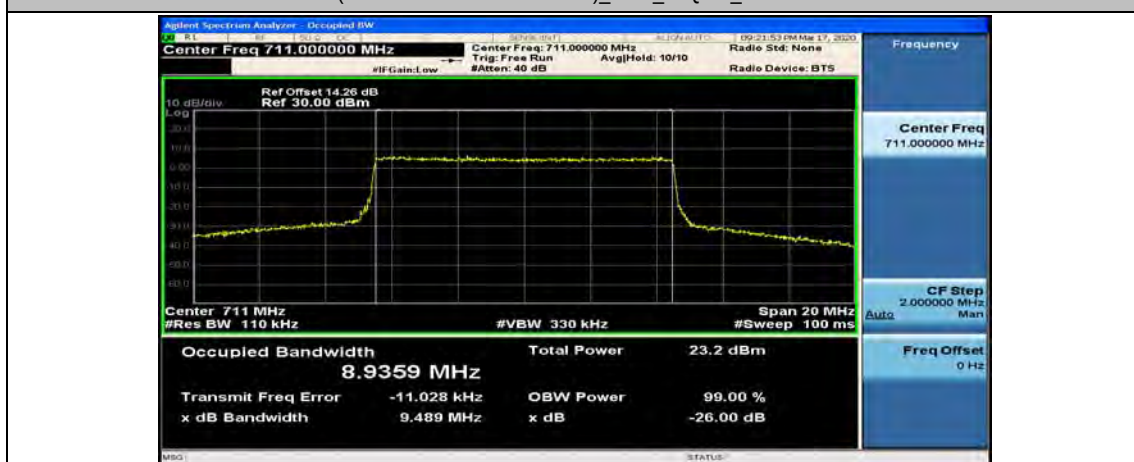
(Channel Bandwidth: 10 MHz)_LCH_16QAM_50RB#0



(Channel Bandwidth: 10 MHz)_MCH_16QAM_50RB#0



(Channel Bandwidth: 10 MHz)_HCH_16QAM_50RB#0

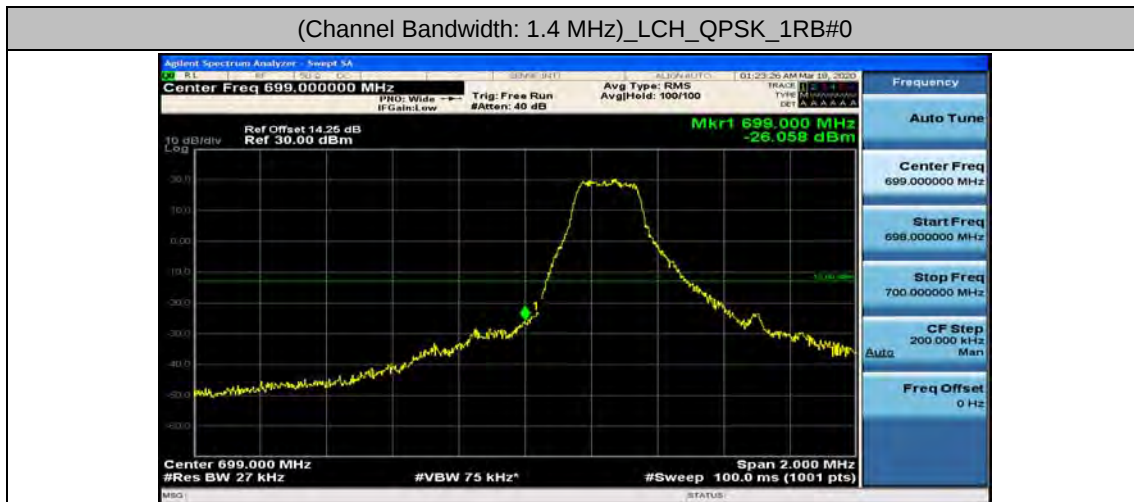


Appendix D: Band Edge

Test Graphs

Channel Bandwidth: 1.4 MHz

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0

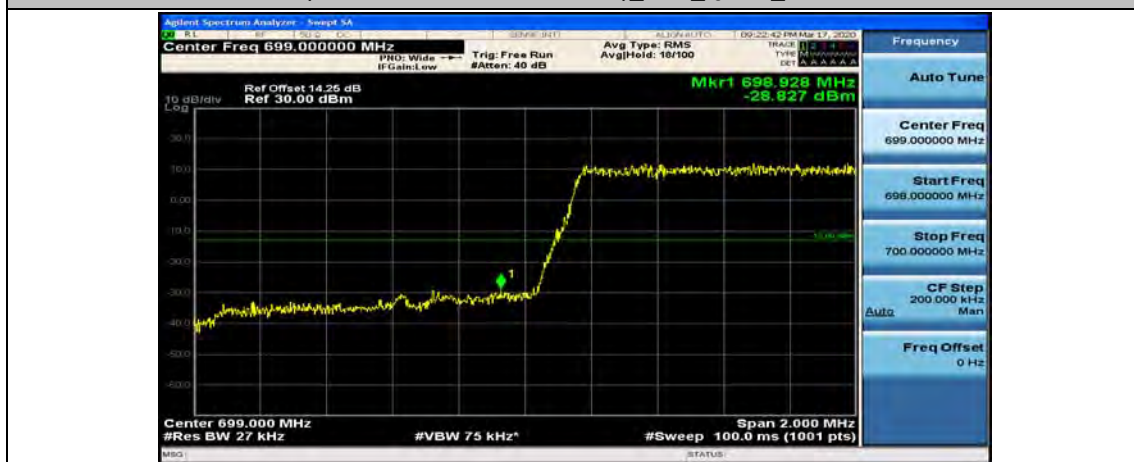


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5





(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



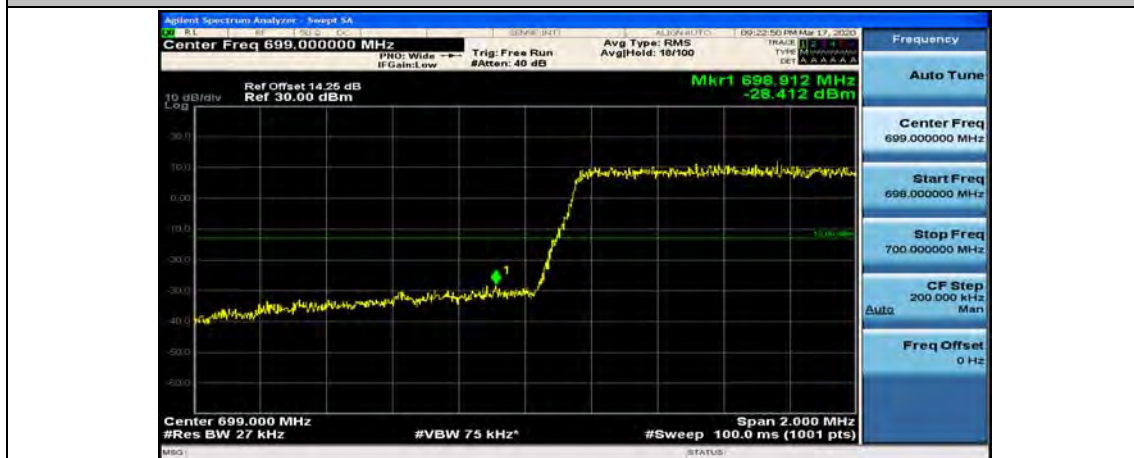
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



(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



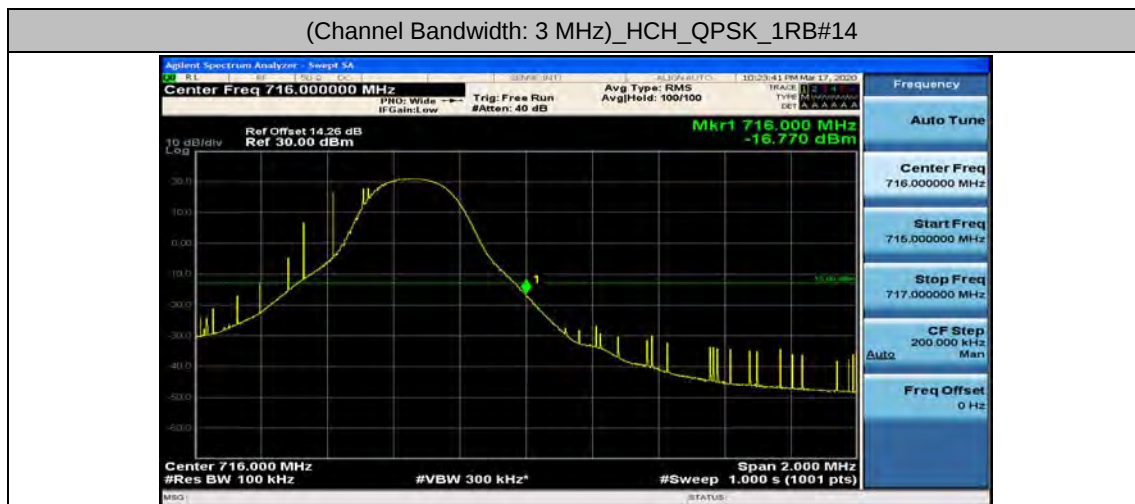


Channel Bandwidth: 3 MHz

(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



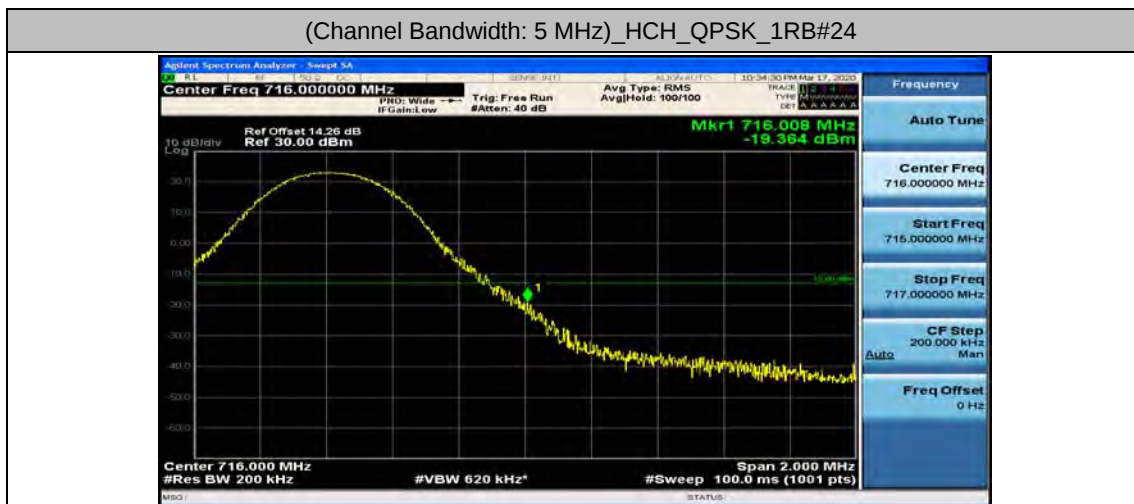


Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(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



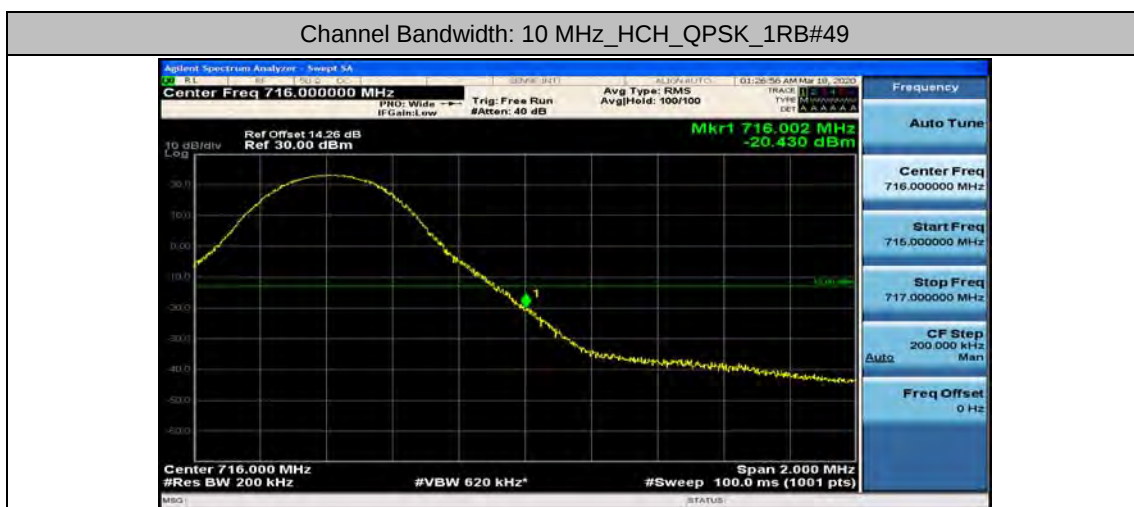
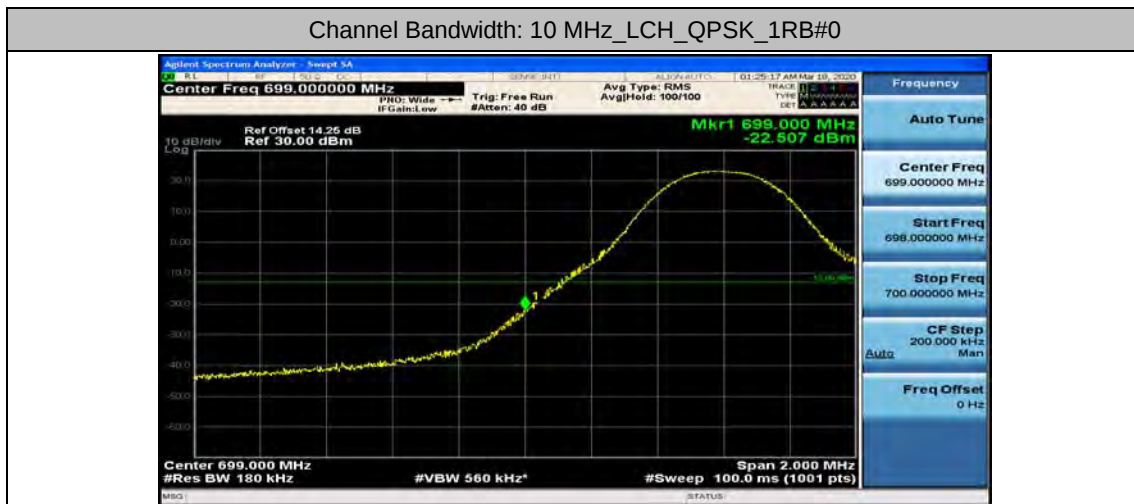
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



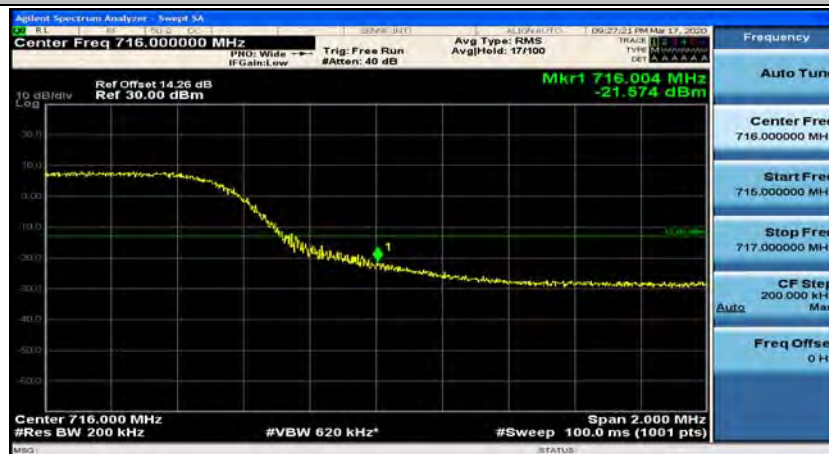
Channel Bandwidth: 10 MHz



(Channel Bandwidth: 10 MHz)_LCH_QPSK_50RB#0



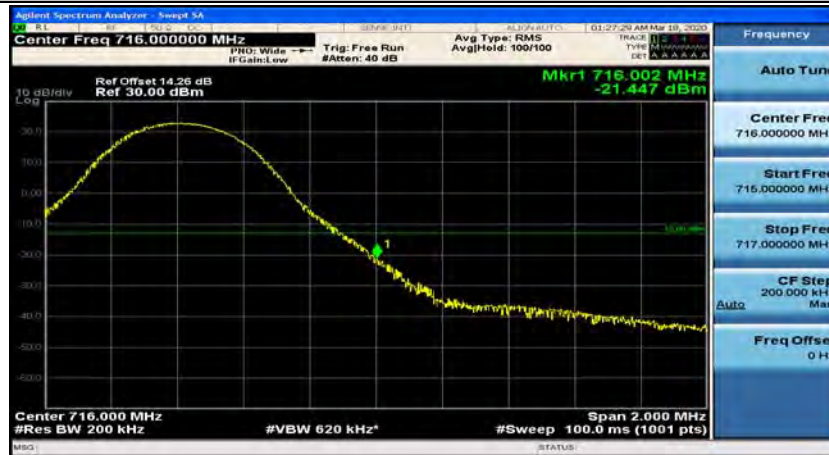
(Channel Bandwidth: 10 MHz)_HCH_QPSK_50RB#0



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)_LCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

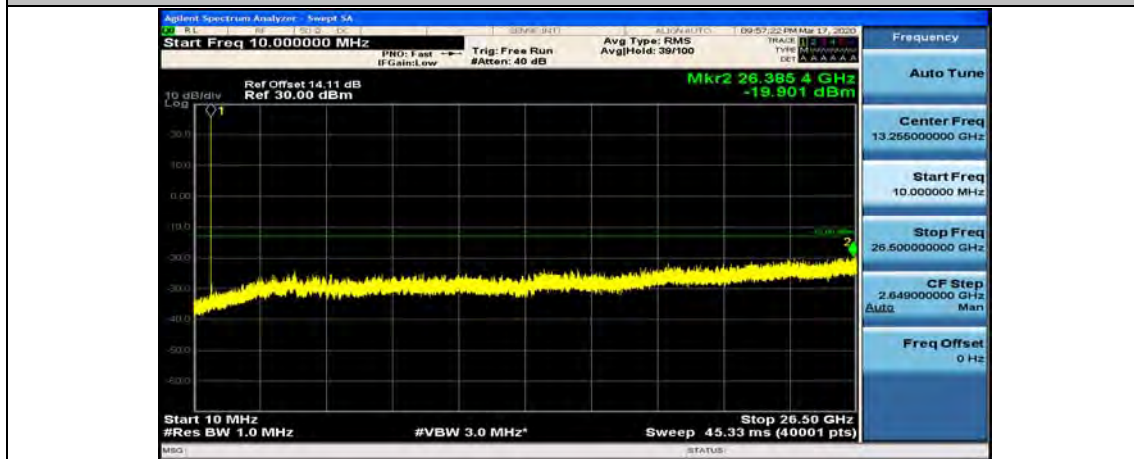


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

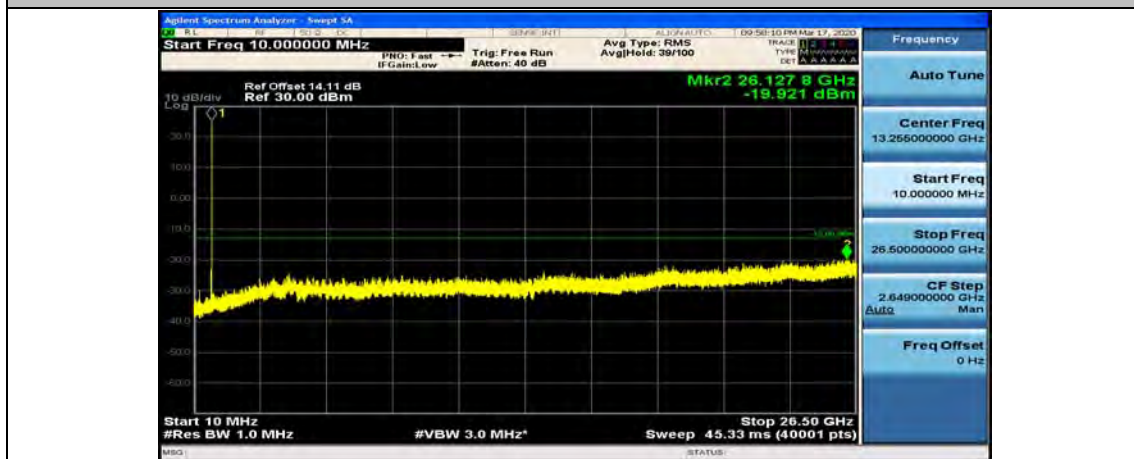


Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

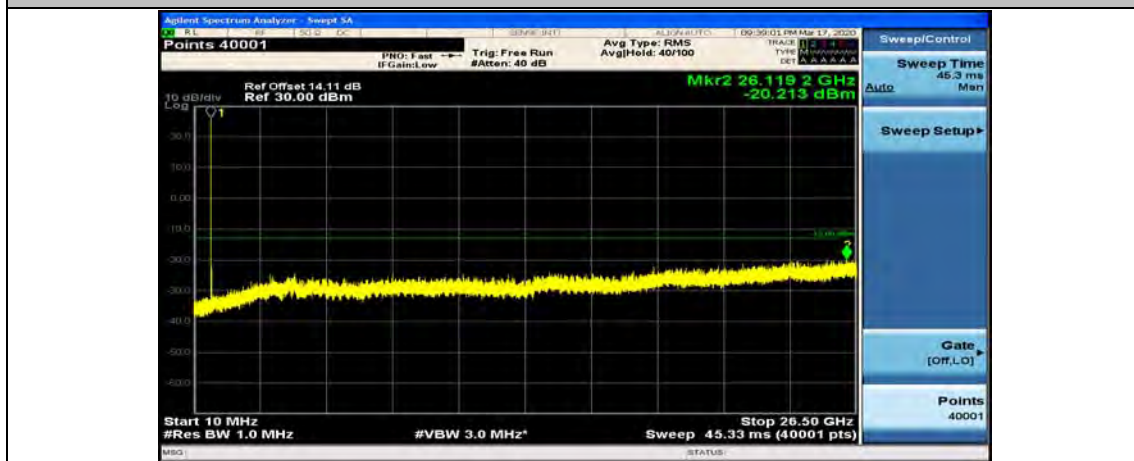


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

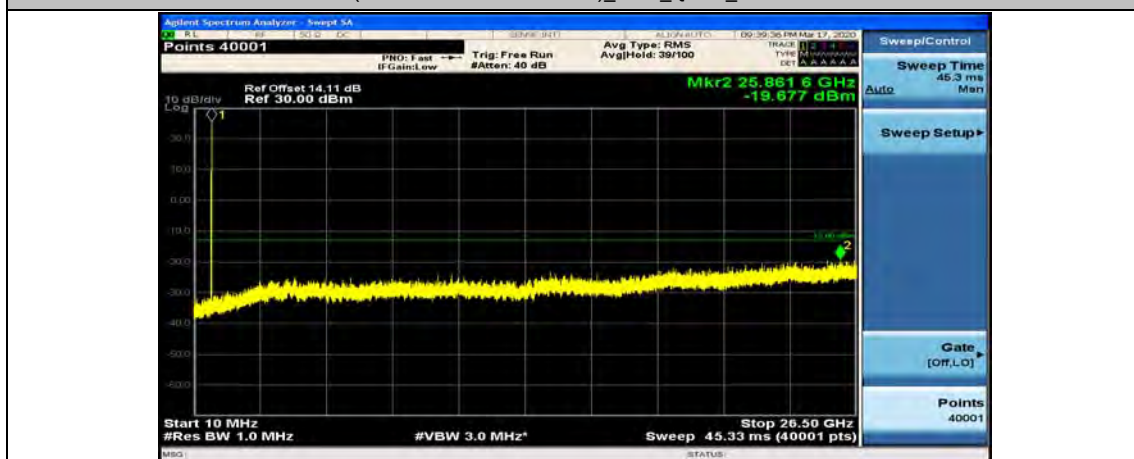


Channel Bandwidth: 5 MHz

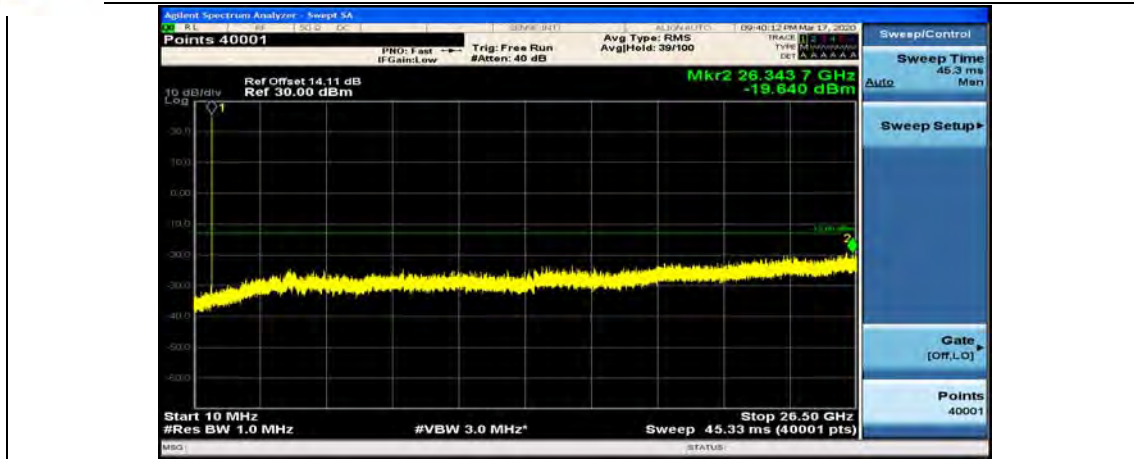
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

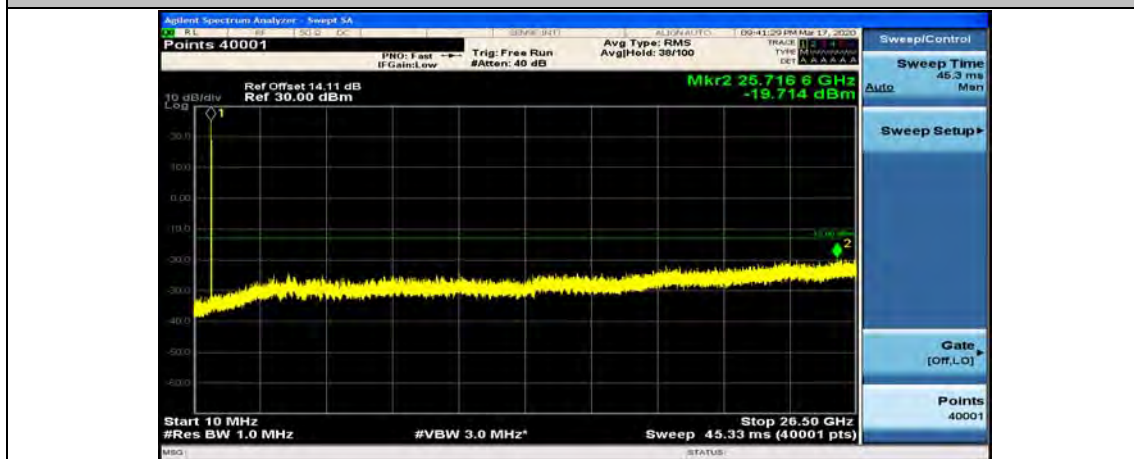


Channel Bandwidth: 10 MHz

(Channel Bandwidth: 10 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_HCH_QPSK_1RB#0



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	2.90	0.004145	± 2.5	PASS
		VN	TN	0.10	0.000143	± 2.5	PASS
		VH	TN	3.80	0.005431	± 2.5	PASS
	MCH	VL	TN	-9.40	-0.013286	± 2.5	PASS
		VN	TN	-14.90	-0.021060	± 2.5	PASS
		VH	TN	-7.20	-0.010177	± 2.5	PASS
	HCH	VL	TN	-2.90	-0.004054	± 2.5	PASS
		VN	TN	-9.60	-0.013421	± 2.5	PASS
		VH	TN	-3.60	-0.005033	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.50	-0.002144	± 2.5	PASS
		VN	-20	-0.30	-0.000429	± 2.5	PASS
		VN	-10	1.80	0.002573	± 2.5	PASS
		VN	0	1.00	0.001429	± 2.5	PASS
		VN	10	2.70	0.003859	± 2.5	PASS
		VN	20	-4.30	-0.006145	± 2.5	PASS
		VN	30	-1.90	-0.002715	± 2.5	PASS
		VN	40	-0.20	-0.000286	± 2.5	PASS
		VN	50	-4.00	-0.005717	± 2.5	PASS
	MCH	VN	-30	-8.40	-0.011873	± 2.5	PASS
		VN	-20	-2.60	-0.003675	± 2.5	PASS
		VN	-10	0.70	0.000989	± 2.5	PASS
		VN	0	-5.40	-0.007633	± 2.5	PASS
		VN	10	-4.00	-0.005654	± 2.5	PASS
		VN	20	-3.10	-0.004382	± 2.5	PASS
		VN	30	-1.30	-0.001837	± 2.5	PASS
		VN	40	0.30	0.000424	± 2.5	PASS
		VN	50	-0.80	-0.001131	± 2.5	PASS
	HCH	VN	-30	-1.00	-0.001398	± 2.5	PASS
		VN	-20	-1.30	-0.001817	± 2.5	PASS
		VN	-10	-1.10	-0.001538	± 2.5	PASS
		VN	0	-3.80	-0.005312	± 2.5	PASS
		VN	10	-0.90	-0.001258	± 2.5	PASS
		VN	20	-1.00	-0.001398	± 2.5	PASS



		VN	30	-4.10	-0.005732	± 2.5	PASS
		VN	40	0.10	0.000140	± 2.5	PASS
		VN	50	-3.40	-0.004753	± 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	1.20	0.001713	± 2.5	PASS
		VN	TN	-2.50	-0.003569	± 2.5	PASS
		VH	TN	-3.70	-0.005282	± 2.5	PASS
	MCH	VL	TN	0.20	0.000283	± 2.5	PASS
		VN	TN	-5.90	-0.008339	± 2.5	PASS
		VH	TN	-2.90	-0.004099	± 2.5	PASS
	HCH	VL	TN	5.70	0.007978	± 2.5	PASS
		VN	TN	0.80	0.001120	± 2.5	PASS
		VH	TN	6.00	0.008397	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.60	0.005139	± 2.5	PASS
		VN	-20	-2.40	-0.003426	± 2.5	PASS
		VN	-10	4.20	0.005996	± 2.5	PASS
		VN	0	1.00	0.001428	± 2.5	PASS
		VN	10	5.60	0.007994	± 2.5	PASS
		VN	20	2.20	0.003141	± 2.5	PASS
		VN	30	-1.00	-0.001428	± 2.5	PASS
		VN	40	3.90	0.005567	± 2.5	PASS
		VN	50	-1.00	-0.001428	± 2.5	PASS
	MCH	VN	-30	-4.80	-0.006784	± 2.5	PASS
		VN	-20	-1.10	-0.001555	± 2.5	PASS
		VN	-10	-1.40	-0.001979	± 2.5	PASS
		VN	0	-1.50	-0.002120	± 2.5	PASS
		VN	10	-1.60	-0.002261	± 2.5	PASS
		VN	20	-2.90	-0.004099	± 2.5	PASS
		VN	30	-0.30	-0.000424	± 2.5	PASS
		VN	40	1.80	0.002544	± 2.5	PASS
		VN	50	-0.30	-0.000424	± 2.5	PASS
	HCH	VN	-30	6.30	0.008817	± 2.5	PASS
		VN	-20	3.60	0.005038	± 2.5	PASS
		VN	-10	3.40	0.004759	± 2.5	PASS
		VN	0	2.20	0.003079	± 2.5	PASS
		VN	10	0.10	0.000140	± 2.5	PASS
		VN	20	0.30	0.000420	± 2.5	PASS
		VN	30	-0.70	-0.000980	± 2.5	PASS
		VN	40	6.10	0.008537	± 2.5	PASS
	VN	50	-0.70	-0.000980	± 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	-1.70	-0.002423	± 2.5	PASS
		VN	TN	0.70	0.000998	± 2.5	PASS
		VH	TN	-6.30	-0.008981	± 2.5	PASS
	MCH	VL	TN	-0.60	-0.000848	± 2.5	PASS
		VN	TN	3.30	0.004664	± 2.5	PASS
		VH	TN	-1.80	-0.002544	± 2.5	PASS
	HCH	VL	TN	-4.60	-0.006447	± 2.5	PASS
		VN	TN	-6.80	-0.009530	± 2.5	PASS
		VH	TN	-6.00	-0.008409	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.10	0.000143	± 2.5	PASS
		VN	-20	-3.90	-0.005560	± 2.5	PASS
		VN	-10	-6.00	-0.008553	± 2.5	PASS
		VN	0	0.50	0.000713	± 2.5	PASS
		VN	10	-3.90	-0.005560	± 2.5	PASS
		VN	20	0.50	0.000713	± 2.5	PASS
		VN	30	-3.50	-0.004989	± 2.5	PASS
		VN	40	2.20	0.003136	± 2.5	PASS
		VN	50	-1.00	-0.001426	± 2.5	PASS
	MCH	VN	-30	-2.10	-0.002968	± 2.5	PASS
		VN	-20	-5.00	-0.007067	± 2.5	PASS
		VN	-10	3.60	0.005088	± 2.5	PASS
		VN	0	-4.60	-0.006502	± 2.5	PASS
		VN	10	-2.80	-0.003958	± 2.5	PASS
		VN	20	0.80	0.001131	± 2.5	PASS
		VN	30	1.60	0.002261	± 2.5	PASS
		VN	40	-1.90	-0.002686	± 2.5	PASS
		VN	50	2.70	0.003816	± 2.5	PASS
	HCH	VN	-30	-6.80	-0.009530	± 2.5	PASS
		VN	-20	-4.40	-0.006167	± 2.5	PASS
		VN	-10	0.30	0.000420	± 2.5	PASS
		VN	0	-4.20	-0.005886	± 2.5	PASS
		VN	10	-1.80	-0.002523	± 2.5	PASS
		VN	20	1.30	0.001822	± 2.5	PASS
		VN	30	-0.80	-0.001121	± 2.5	PASS
		VN	40	-2.30	-0.003224	± 2.5	PASS
	VN	50	-3.10	-0.004345	± 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	4.80	0.006818	± 2.5	PASS
		VN	TN	6.20	0.008807	± 2.5	PASS
		VH	TN	-0.10	-0.000142	± 2.5	PASS
	MCH	VL	TN	1.00	0.001413	± 2.5	PASS
		VN	TN	-5.00	-0.007067	± 2.5	PASS
		VH	TN	-5.00	-0.007067	± 2.5	PASS
	HCH	VL	TN	-5.60	-0.007876	± 2.5	PASS
		VN	TN	2.40	0.003376	± 2.5	PASS
		VH	TN	1.50	0.002110	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-2.30	-0.003267	± 2.5	PASS
		VN	-20	4.80	0.006818	± 2.5	PASS
		VN	-10	-0.40	-0.000568	± 2.5	PASS
		VN	0	6.40	0.009091	± 2.5	PASS
		VN	10	2.10	0.002983	± 2.5	PASS
		VN	20	0.20	0.000284	± 2.5	PASS
		VN	30	6.00	0.008523	± 2.5	PASS
		VN	40	4.90	0.006960	± 2.5	PASS
		VN	50	0.70	0.000994	± 2.5	PASS
	MCH	VN	-30	-5.80	-0.008198	± 2.5	PASS
		VN	-20	-6.30	-0.008905	± 2.5	PASS
		VN	-10	-5.50	-0.007774	± 2.5	PASS
		VN	0	-5.80	-0.008198	± 2.5	PASS
		VN	10	-5.30	-0.007491	± 2.5	PASS
		VN	20	-5.30	-0.007491	± 2.5	PASS
		VN	30	-6.00	-0.008481	± 2.5	PASS
		VN	40	-6.30	-0.008905	± 2.5	PASS
		VN	50	-5.50	-0.007774	± 2.5	PASS
	HCH	VN	-30	1.20	0.001688	± 2.5	PASS
		VN	-20	1.30	0.001828	± 2.5	PASS
		VN	-10	1.40	0.001969	± 2.5	PASS
		VN	0	-0.40	-0.000563	± 2.5	PASS
		VN	10	-5.20	-0.007314	± 2.5	PASS
		VN	20	-5.70	-0.008017	± 2.5	PASS
		VN	30	2.90	0.004079	± 2.5	PASS
		VN	40	-5.90	-0.008298	± 2.5	PASS
		VN	50	2.30	0.003235	± 2.5	PASS