



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	22.62	PASS
		1	2	22.70	PASS
		1	5	22.62	PASS
		3	0	22.67	PASS
		3	1	22.72	PASS
		3	3	22.70	PASS
		6	0	21.67	PASS
	MCH	1	0	22.61	PASS
		1	2	22.65	PASS
		1	5	22.56	PASS
		3	0	22.62	PASS
		3	1	22.63	PASS
		3	3	22.64	PASS
		6	0	21.60	PASS
	HCH	1	0	22.60	PASS
		1	2	22.71	PASS
		1	5	22.63	PASS
		3	0	22.68	PASS
		3	1	22.68	PASS
		3	3	22.66	PASS
		6	0	21.64	PASS
16QAM	LCH	1	0	22.01	PASS
		1	2	22.06	PASS
		1	5	21.97	PASS
		3	0	21.89	PASS
		3	1	21.95	PASS
		3	3	21.89	PASS
		6	0	20.86	PASS
	MCH	1	0	22.04	PASS
		1	2	22.12	PASS
		1	5	22.01	PASS
		3	0	21.91	PASS
		3	1	21.98	PASS
		3	3	21.92	PASS



		6	0	20.81	PASS
	HCH	1	0	22.00	PASS
		1	2	22.07	PASS
		1	5	22.00	PASS
		3	0	21.87	PASS
		3	1	21.93	PASS
		3	3	21.88	PASS
		6	0	20.84	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	22.78	PASS
		1	14	22.63	PASS
		8	0	21.71	PASS
		8	3	21.77	PASS
		8	7	21.71	PASS
		15	0	21.73	PASS
	MCH	1	0	22.62	PASS
		1	7	22.75	PASS
		1	14	22.62	PASS
		8	0	21.66	PASS
		8	3	21.68	PASS
		8	7	21.65	PASS
		15	0	21.65	PASS
	HCH	1	0	22.64	PASS
		1	7	22.76	PASS
		1	14	22.65	PASS
		8	0	21.70	PASS
		8	3	21.74	PASS
		8	7	21.69	PASS
		15	0	21.69	PASS
16QAM	LCH	1	0	22.05	PASS
		1	7	22.16	PASS
		1	14	22.04	PASS
		8	0	20.89	PASS
		8	3	20.93	PASS
		8	7	20.90	PASS
		15	0	20.84	PASS

	MCH	1	0	22.12	PASS
		1	7	22.13	PASS
		1	14	22.07	PASS
		8	0	20.89	PASS
		8	3	20.91	PASS
		8	7	20.90	PASS
		15	0	20.76	PASS
	HCH	1	0	21.95	PASS
		1	7	22.08	PASS
		1	14	22.00	PASS
		8	0	20.90	PASS
		8	3	20.93	PASS
		8	7	20.86	PASS
		15	0	20.78	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.70	PASS
		1	12	22.68	PASS
		1	24	22.66	PASS
		12	0	21.74	PASS
		12	6	21.73	PASS
		12	13	21.73	PASS
		25	0	21.73	PASS
	MCH	1	0	22.64	PASS
		1	12	22.64	PASS
		1	24	22.63	PASS
		12	0	21.68	PASS
		12	6	21.73	PASS
		12	13	21.68	PASS
		25	0	21.65	PASS
	HCH	1	0	22.69	PASS
		1	12	22.68	PASS
		1	24	22.63	PASS
		12	0	21.72	PASS
		12	6	21.75	PASS
		12	13	21.69	PASS
		25	0	21.71	PASS
16QAM	LCH	1	0	22.06	PASS
		1	12	22.08	PASS

		1	24	22.05	PASS
		12	0	20.89	PASS
		12	6	20.92	PASS
		12	13	20.88	PASS
		25	0	20.84	PASS
	MCH	1	0	22.14	PASS
		1	12	22.14	PASS
		1	24	22.03	PASS
		12	0	20.91	PASS
		12	6	20.94	PASS
		12	13	20.86	PASS
		25	0	20.81	PASS
	HCH	1	0	22.02	PASS
		1	12	22.06	PASS
		1	24	22.02	PASS
		12	0	20.88	PASS
		12	6	20.93	PASS
		12	13	20.89	PASS
		25	0	20.82	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.68	PASS
		1	24	22.69	PASS
		1	49	22.65	PASS
		25	0	21.70	PASS
		25	12	21.74	PASS
		25	25	21.69	PASS
		50	0	21.71	PASS
	MCH	1	0	22.69	PASS
		1	24	22.68	PASS
		1	49	22.62	PASS
		25	0	21.68	PASS
		25	12	21.70	PASS
		25	25	21.65	PASS
		50	0	21.65	PASS
	HCH	1	0	22.73	PASS
		1	24	22.71	PASS
		1	49	22.63	PASS
		25	0	21.74	PASS

16QAM		25	12	21.74	PASS
		25	25	21.69	PASS
		50	0	21.72	PASS
	LCH	1	0	22.09	PASS
		1	24	22.11	PASS
		1	49	22.01	PASS
		25	0	20.84	PASS
		25	12	20.84	PASS
		25	25	20.82	PASS
		50	0	20.82	PASS
	MCH	1	0	22.14	PASS
		1	24	22.14	PASS
		1	49	22.08	PASS
		25	0	20.85	PASS
		25	12	20.83	PASS
		25	25	20.77	PASS
		50	0	20.77	PASS
	HCH	1	0	22.09	PASS
		1	24	22.05	PASS
		1	49	22.04	PASS
		25	0	20.88	PASS
		25	12	20.87	PASS
		25	25	20.84	PASS
		50	0	20.85	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.72	PASS
		1	37	22.71	PASS
		1	74	22.67	PASS
		36	0	21.70	PASS
		36	19	21.73	PASS
		36	39	21.74	PASS
		75	0	21.75	PASS
	MCH	1	0	22.73	PASS
		1	37	22.70	PASS
		1	74	22.57	PASS
		36	0	21.70	PASS
		36	19	21.75	PASS
		36	39	21.67	PASS

	HCH	75	0	21.67	PASS
		1	0	22.67	PASS
		1	37	22.71	PASS
		1	74	22.39	PASS
		36	0	21.63	PASS
		36	19	21.78	PASS
		36	39	21.73	PASS
		75	0	21.65	PASS
16QAM	LCH	1	0	22.11	PASS
		1	37	22.13	PASS
		1	74	22.11	PASS
		36	0	20.86	PASS
		36	19	20.89	PASS
		36	39	20.89	PASS
		75	0	20.86	PASS
	MCH	1	0	22.19	PASS
		1	37	22.18	PASS
		1	74	22.00	PASS
		36	0	20.89	PASS
		36	19	20.89	PASS
		36	39	20.81	PASS
		75	0	20.81	PASS
	HCH	1	0	22.09	PASS
		1	37	22.02	PASS
		1	74	21.70	PASS
		36	0	20.81	PASS
		36	19	20.91	PASS
		36	39	20.85	PASS
		75	0	20.80	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.71	PASS
		1	49	22.67	PASS
		1	99	22.65	PASS
		50	0	21.74	PASS
		50	25	21.74	PASS
		50	50	21.67	PASS
		100	0	21.71	PASS
	MCH	1	0	22.70	PASS



		1	49	22.67	PASS
		1	99	22.70	PASS
		50	0	21.67	PASS
		50	25	21.69	PASS
		50	50	21.62	PASS
		100	0	21.67	PASS
	HCH	1	0	22.65	PASS
		1	49	22.69	PASS
		1	99	22.13	PASS
		50	0	21.66	PASS
		50	25	21.68	PASS
		50	50	21.71	PASS
		100	0	21.64	PASS
16QAM	LCH	1	0	22.01	PASS
		1	49	22.09	PASS
		1	99	22.01	PASS
		50	0	20.86	PASS
		50	25	20.89	PASS
		50	50	20.80	PASS
		100	0	20.83	PASS
	MCH	1	0	22.12	PASS
		1	49	22.18	PASS
		1	99	22.11	PASS
		50	0	20.84	PASS
		50	25	20.85	PASS
		50	50	20.74	PASS
		100	0	20.85	PASS
	HCH	1	0	22.12	PASS
		1	49	22.08	PASS
		1	99	21.47	PASS
		50	0	20.77	PASS
		50	25	20.79	PASS
		50	50	20.83	PASS
		100	0	20.81	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	3.95	<13	PASS
QPSK	MCH	1	0	4.3	<13	PASS
QPSK	HCH	1	0	3.95	<13	PASS
16QAM	LCH	1	0	5.37	<13	PASS
16QAM	MCH	1	0	5.96	<13	PASS
16QAM	HCH	1	0	5.08	<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	3.73	<13	PASS
QPSK	MCH	1	0	4.16	<13	PASS
QPSK	HCH	1	0	3.68	<13	PASS
16QAM	LCH	1	0	5.24	<13	PASS
16QAM	MCH	1	0	5.95	<13	PASS
16QAM	HCH	1	0	5.09	<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	3.72	<13	PASS
QPSK	MCH	1	0	4.13	<13	PASS
QPSK	HCH	1	0	3.58	<13	PASS
16QAM	LCH	1	0	5.21	<13	PASS
16QAM	MCH	1	0	5.65	<13	PASS
16QAM	HCH	1	0	4.97	<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	3.64	<13	PASS
QPSK	MCH	1	0	4.04	<13	PASS
QPSK	HCH	1	0	3.55	<13	PASS
16QAM	LCH	1	0	5.32	<13	PASS
16QAM	MCH	1	0	5.54	<13	PASS
16QAM	HCH	1	0	5.16	<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	3.59	<13	PASS
QPSK	MCH	1	0	3.88	<13	PASS
QPSK	HCH	1	0	3.66	<13	PASS
16QAM	LCH	1	0	5.21	<13	PASS
16QAM	MCH	1	0	5.54	<13	PASS
16QAM	HCH	1	0	5.17	<13	PASS

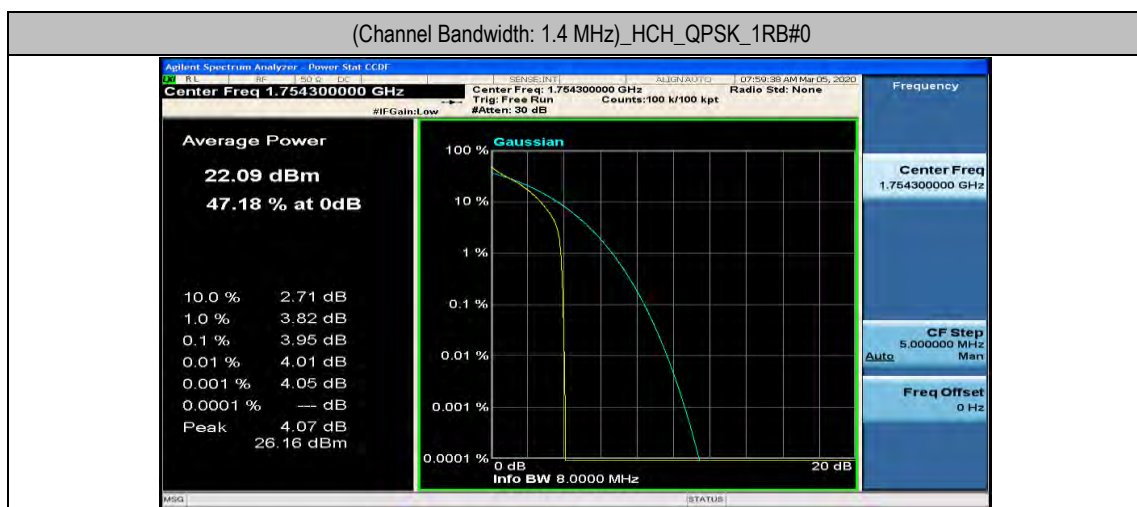
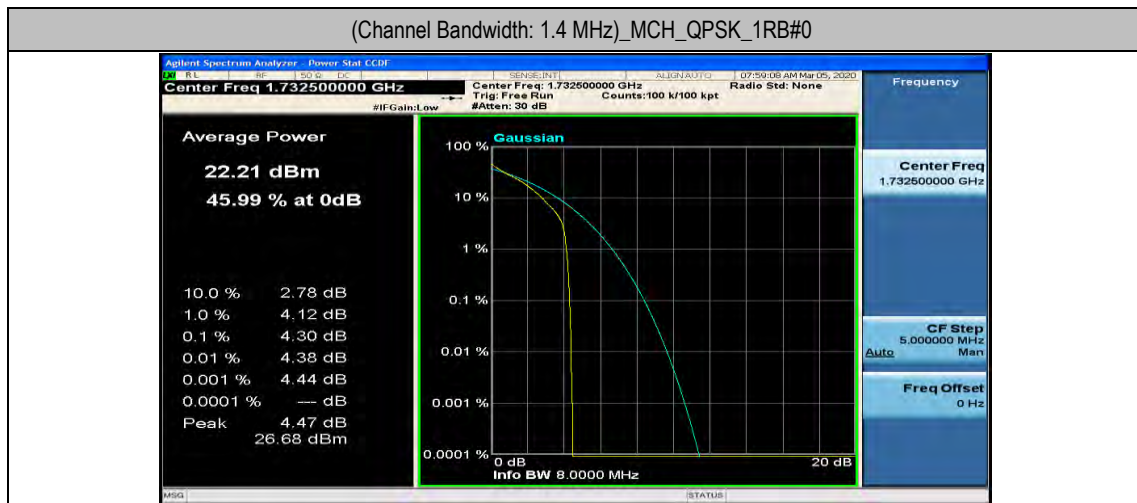
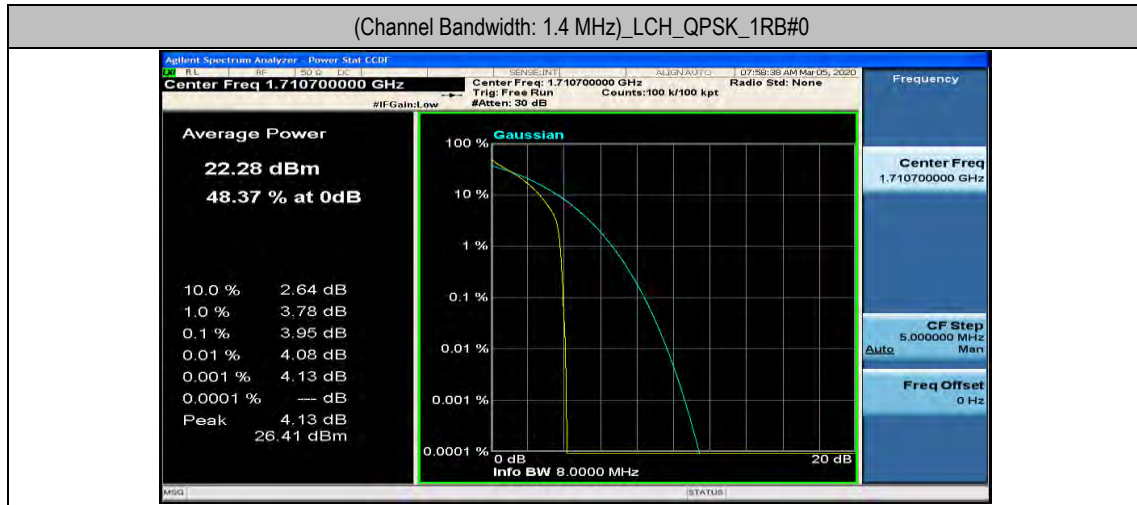
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.63	<13	PASS
QPSK	MCH	1	0	3.87	<13	PASS
QPSK	HCH	1	0	3.85	<13	PASS
16QAM	LCH	1	0	5.24	<13	PASS
16QAM	MCH	1	0	5.38	<13	PASS
16QAM	HCH	1	0	5.37	<13	PASS



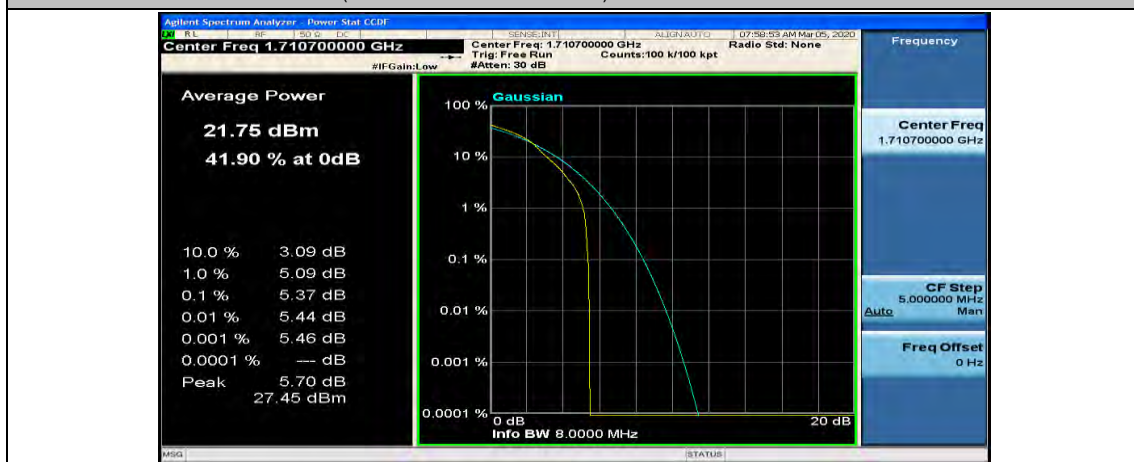
Test Graphs

Channel Bandwidth: 1.4 MHz





(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



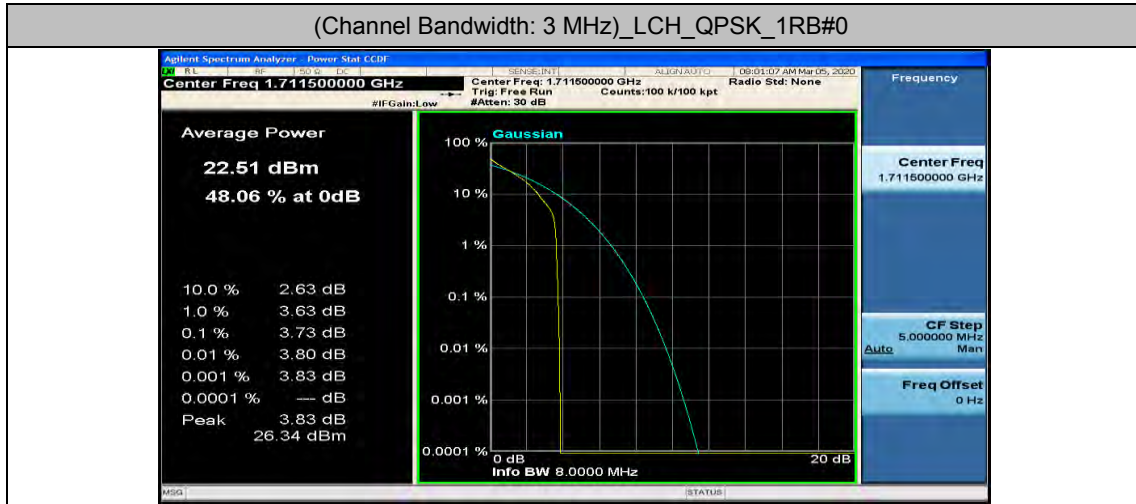
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



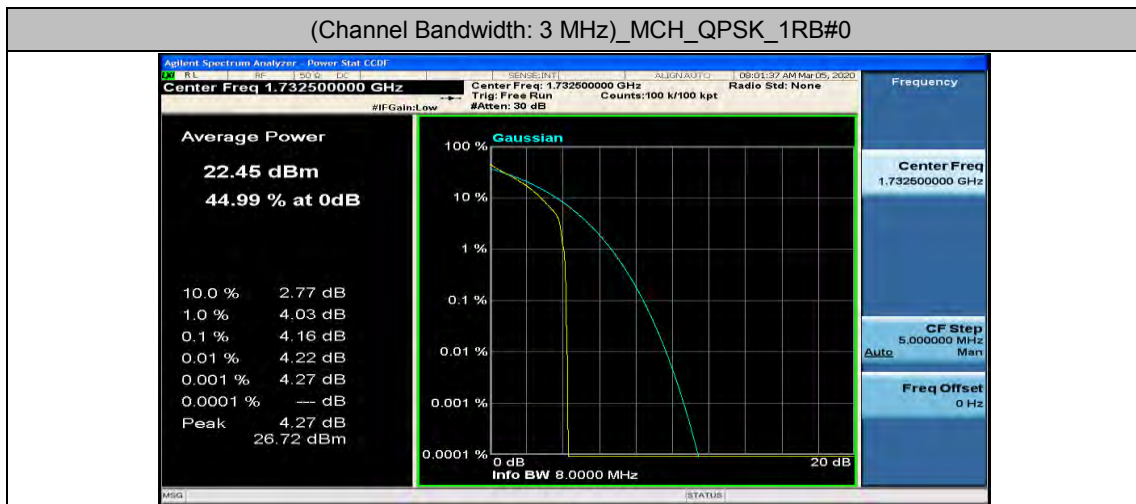


Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



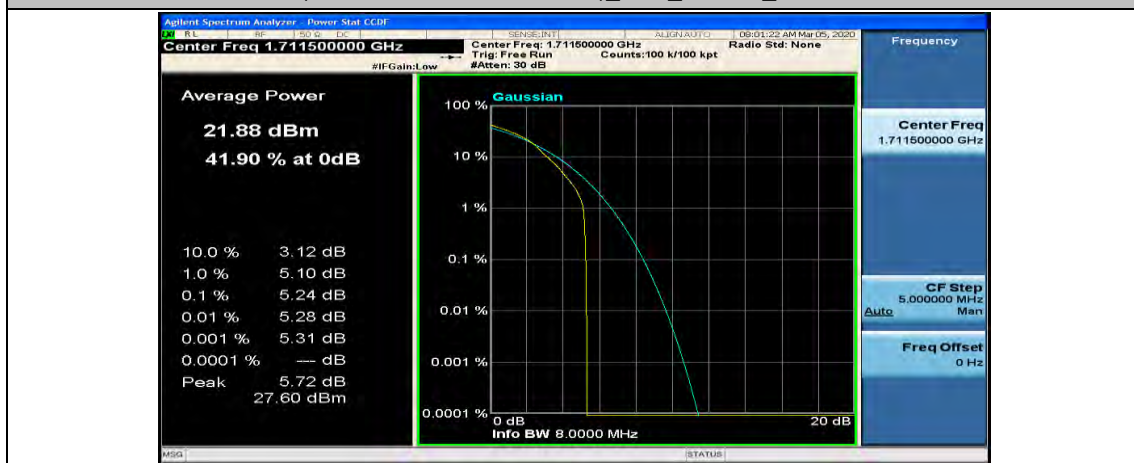
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



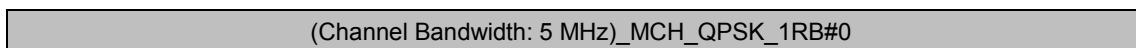
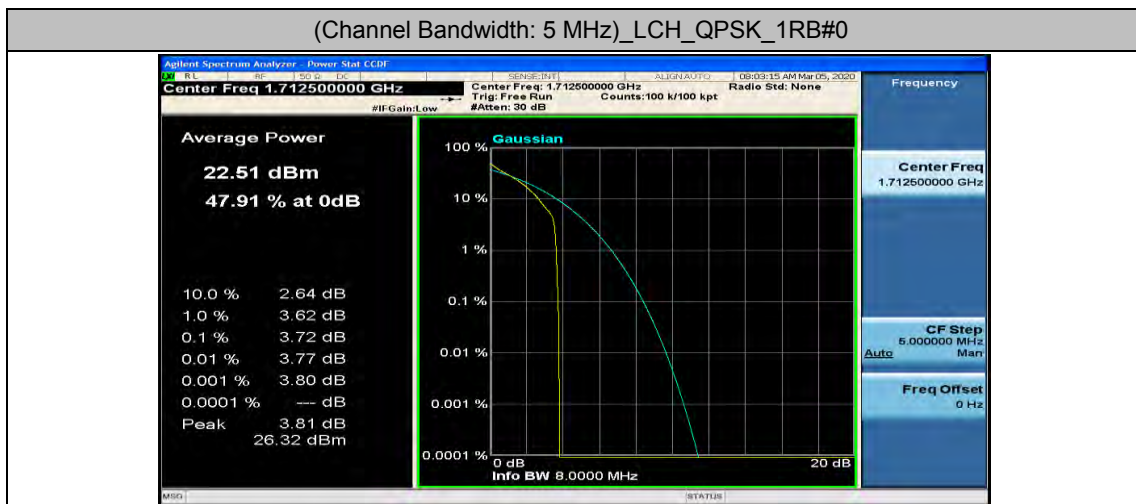
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



Channel Bandwidth: 5 MHz

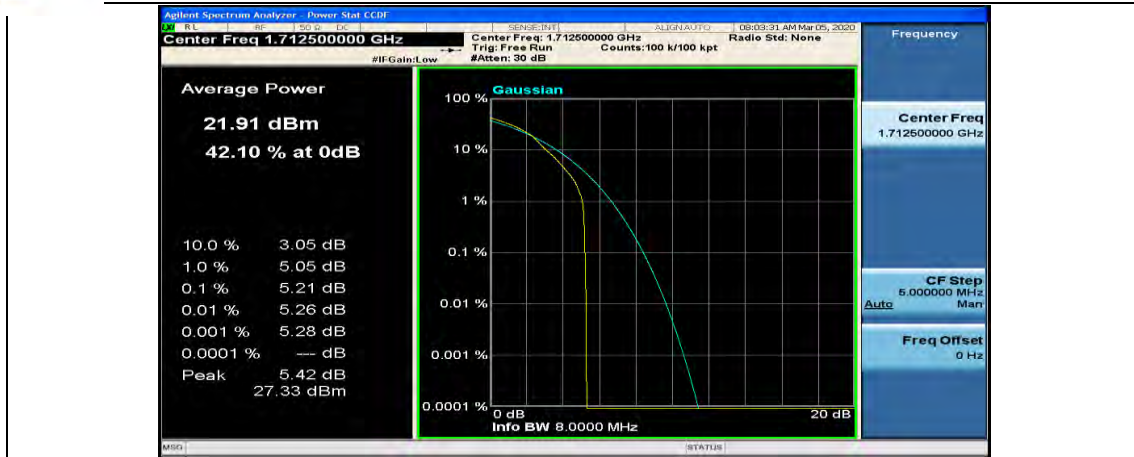




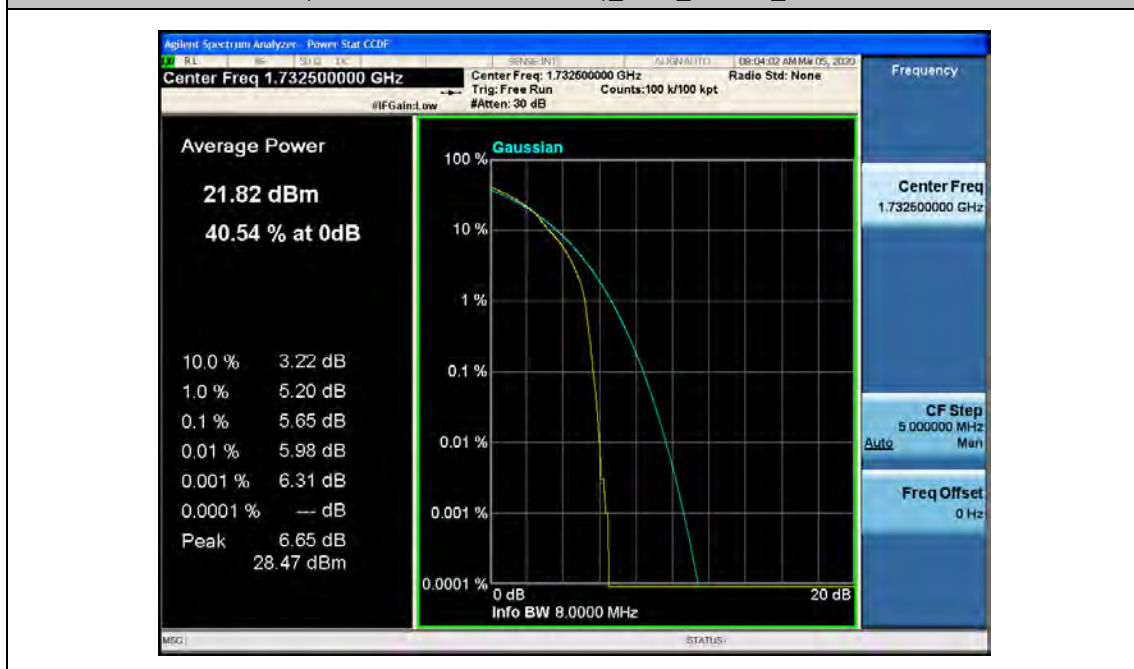
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

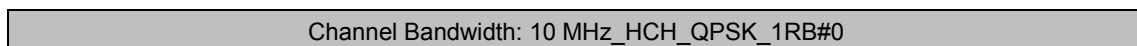
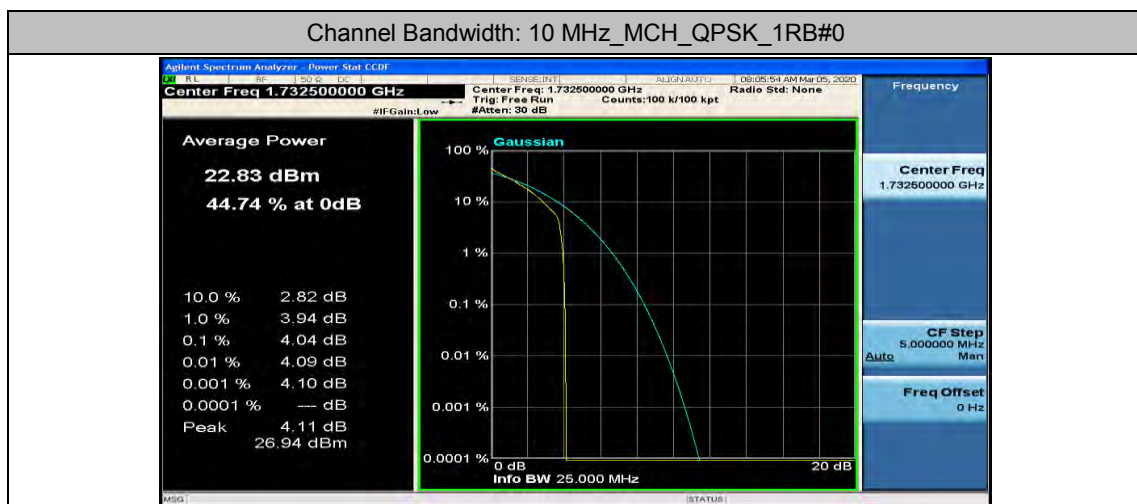
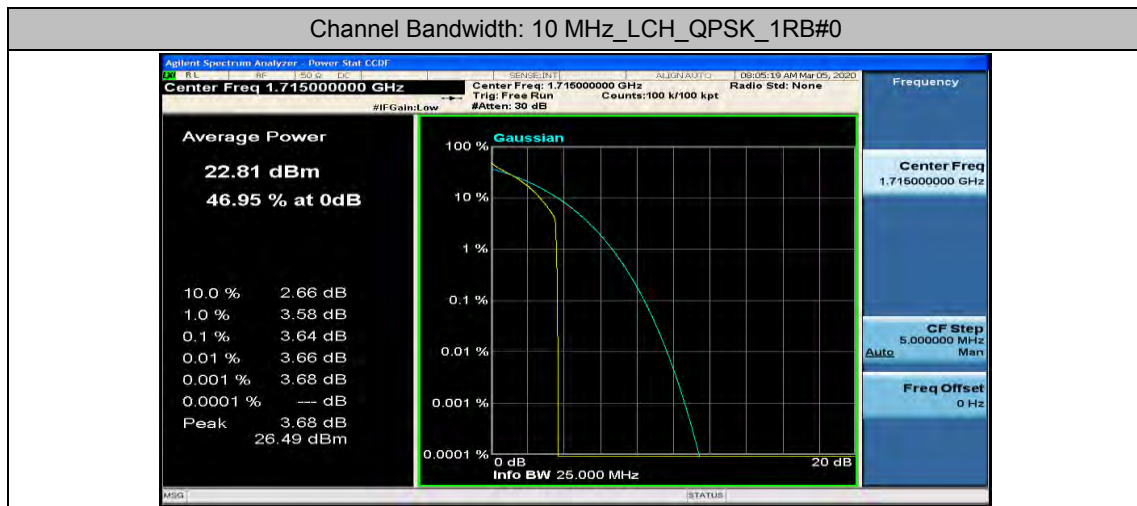


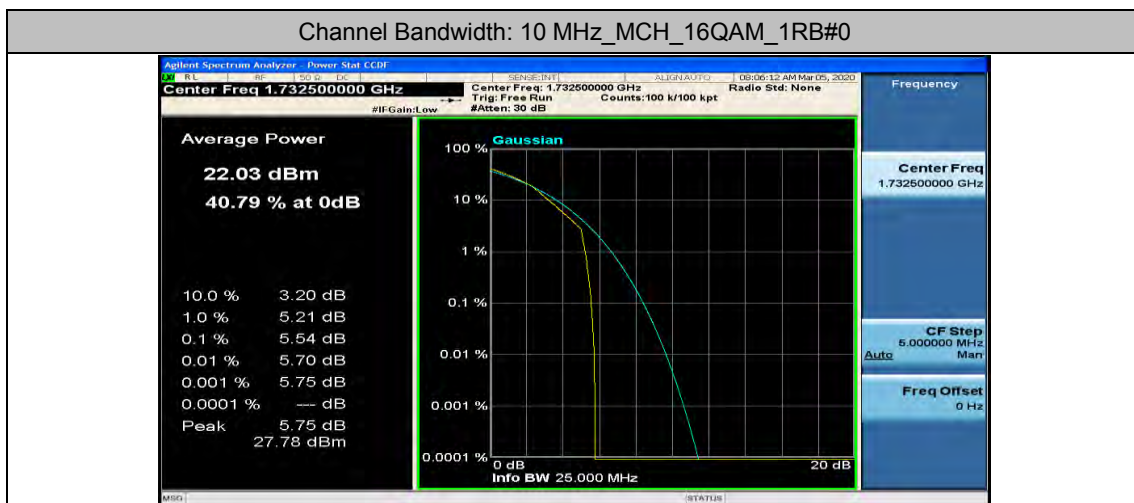
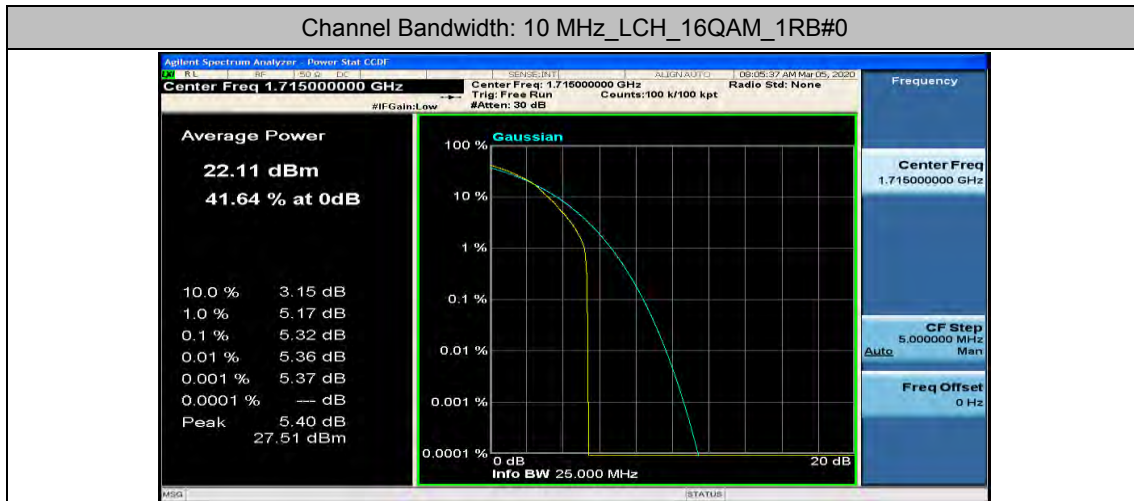
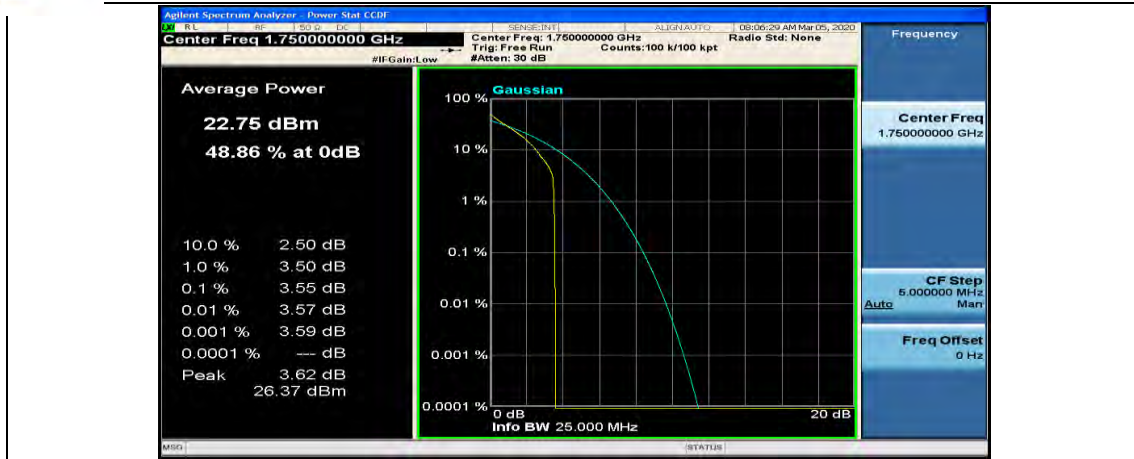
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0





Channel Bandwidth: 10 MHz







Channel Bandwidth: 15 MHz

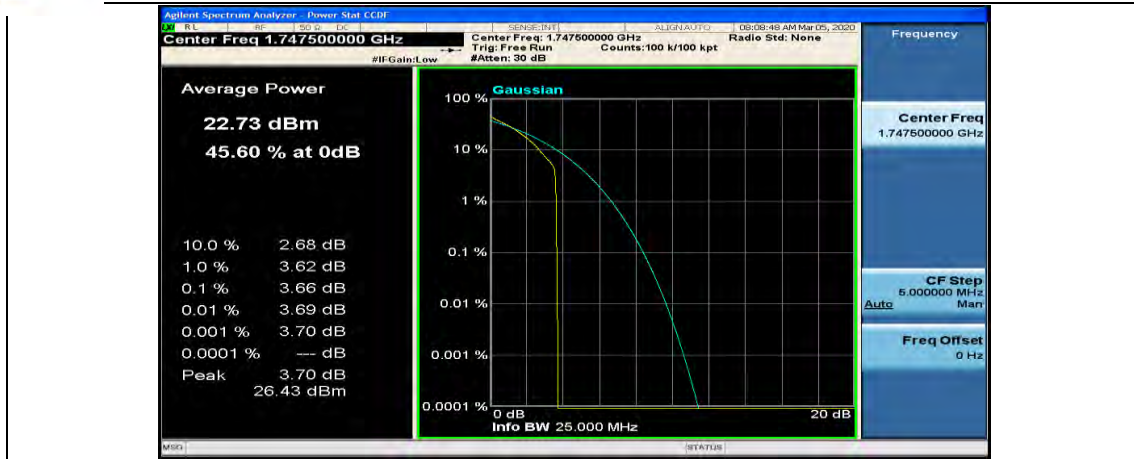
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(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



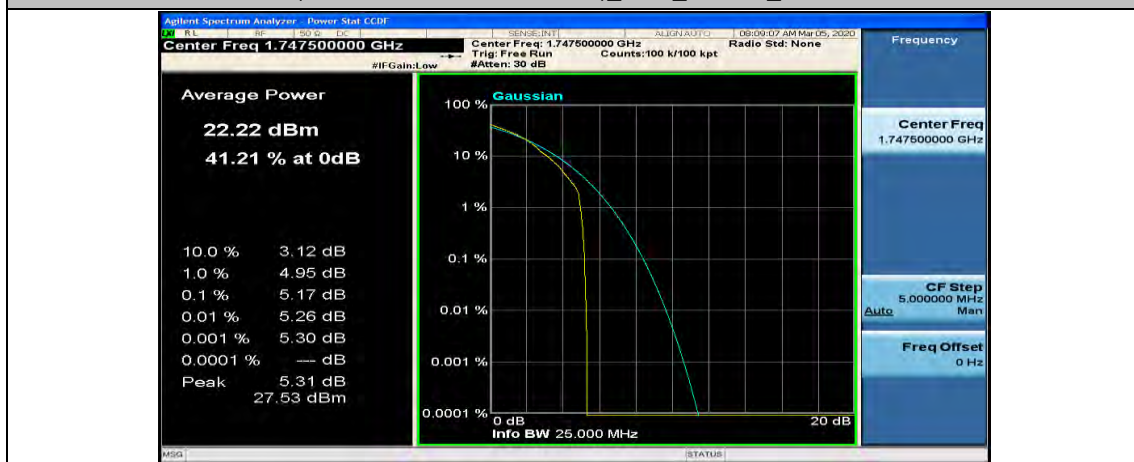
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(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

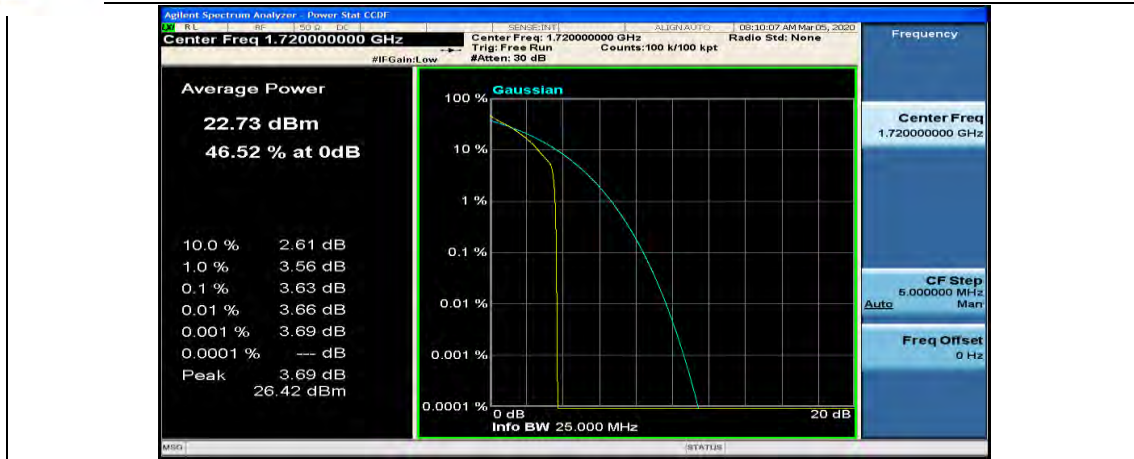


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

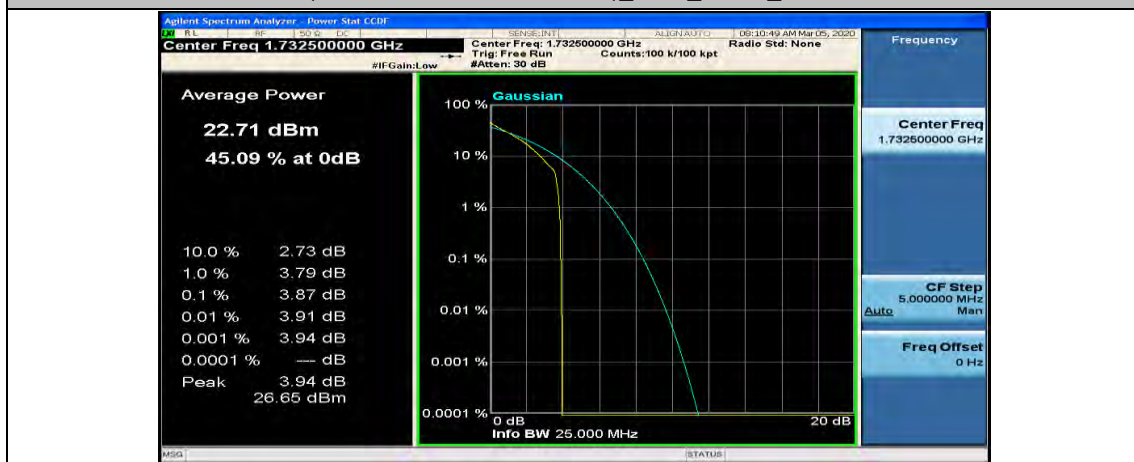


Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0





(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: 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	1.0755	1.203	PASS
	MCH	6	0	1.0759	1.195	PASS
	HCH	6	0	1.0764	1.203	PASS
16QAM	LCH	6	0	1.0782	1.199	PASS
	MCH	6	0	1.0763	1.198	PASS
	HCH	6	0	1.0765	1.206	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	2.6861	2.902	PASS
	MCH	15	0	2.6877	2.883	PASS
	HCH	15	0	2.6894	2.899	PASS
16QAM	LCH	15	0	2.6871	2.883	PASS
	MCH	15	0	2.6885	2.889	PASS
	HCH	15	0	2.6840	2.888	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	4.4740	4.826	PASS
	MCH	25	0	4.4778	4.806	PASS
	HCH	25	0	4.4766	4.792	PASS
16QAM	LCH	25	0	4.4864	4.787	PASS



	MCH	25	0	4.4851	4.820	PASS
	HCH	25	0	4.4852	4.812	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	8.9345	9.472	PASS
	MCH	50	0	8.9392	9.448	PASS
	HCH	50	0	8.9417	9.490	PASS
16QAM	LCH	50	0	8.9431	9.448	PASS
	MCH	50	0	8.9474	9.463	PASS
	HCH	50	0	8.9429	9.501	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	75	0	13.419	14.07	PASS
	MCH	75	0	13.423	14.03	PASS
	HCH	75	0	13.404	14.05	PASS
16QAM	LCH	75	0	13.396	14.03	PASS
	MCH	75	0	13.403	14.07	PASS
	HCH	75	0	13.390	13.98	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	17.841	18.68	PASS
	MCH	100	0	17.839	18.69	PASS

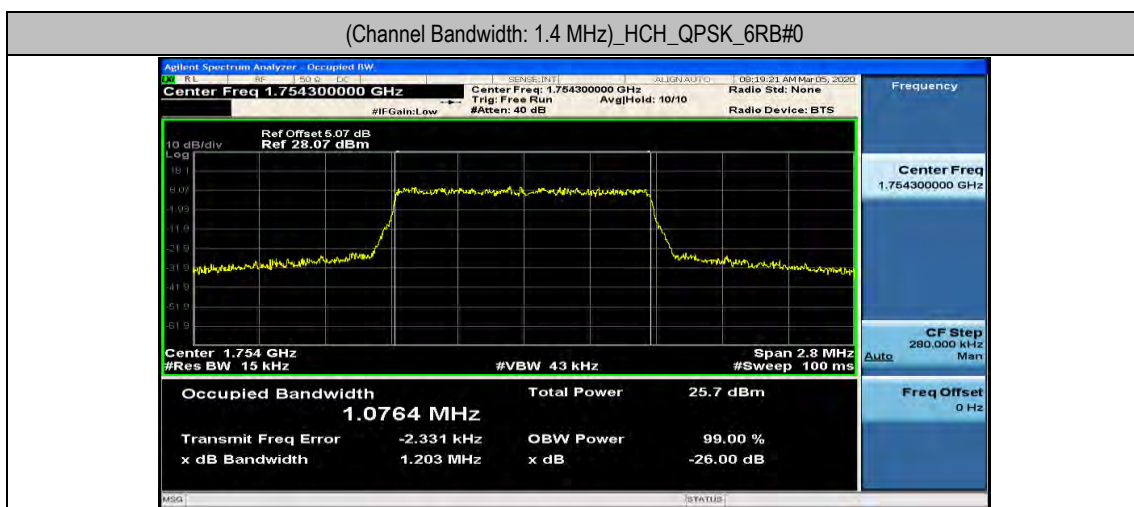
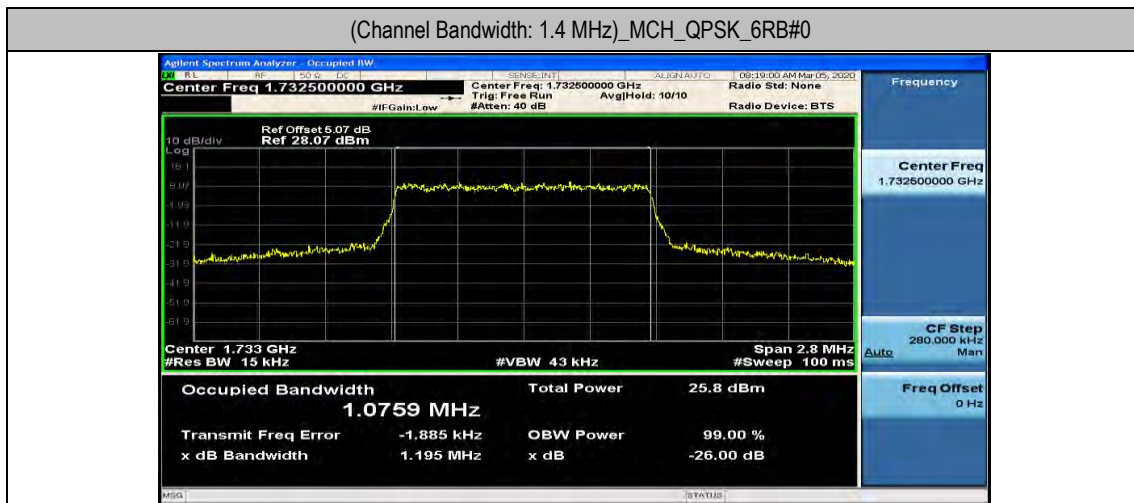
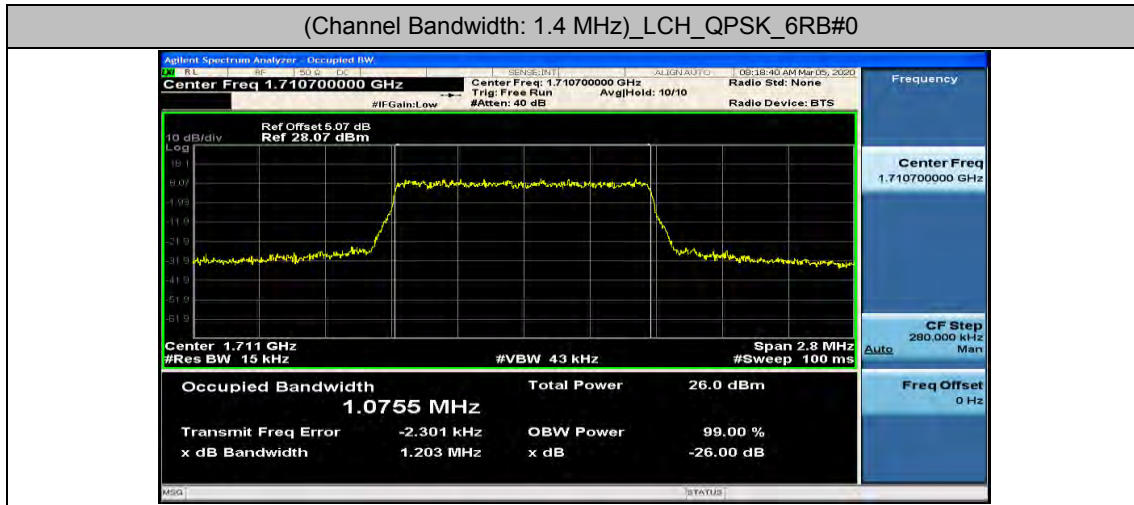


	HCH	100	0	17.798	18.64	PASS
16QAM	LCH	100	0	17.842	18.68	PASS
	MCH	100	0	17.856	18.68	PASS
	HCH	100	0	17.829	18.63	PASS



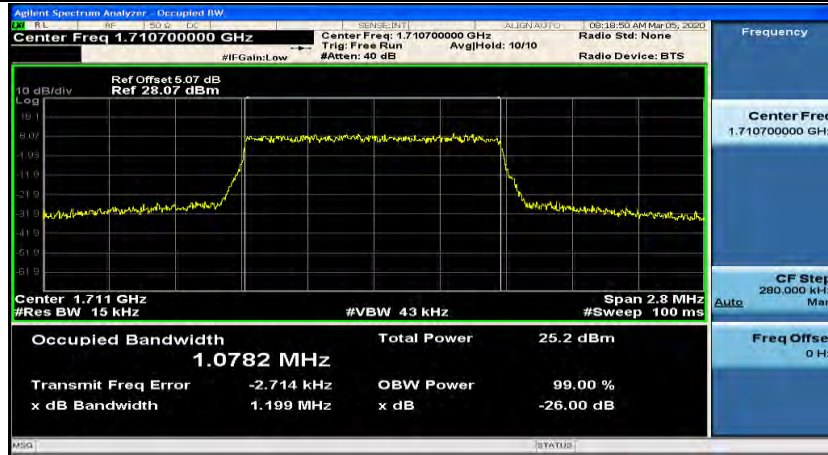
Test Graphs

Channel Bandwidth: 1.4 MHz

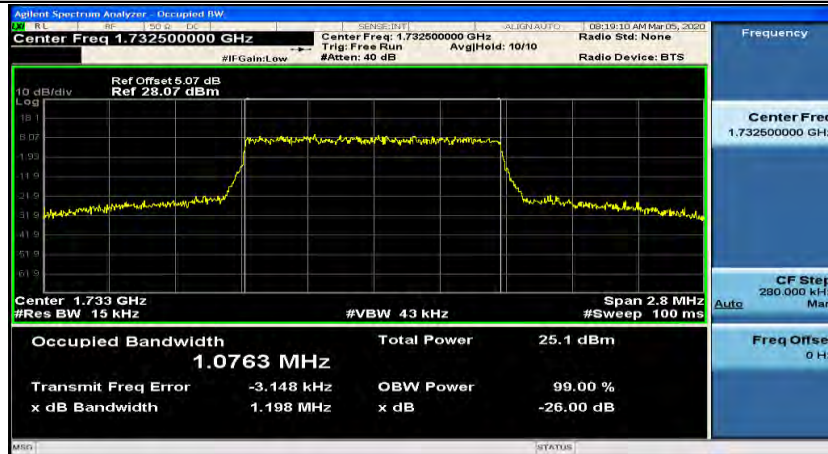




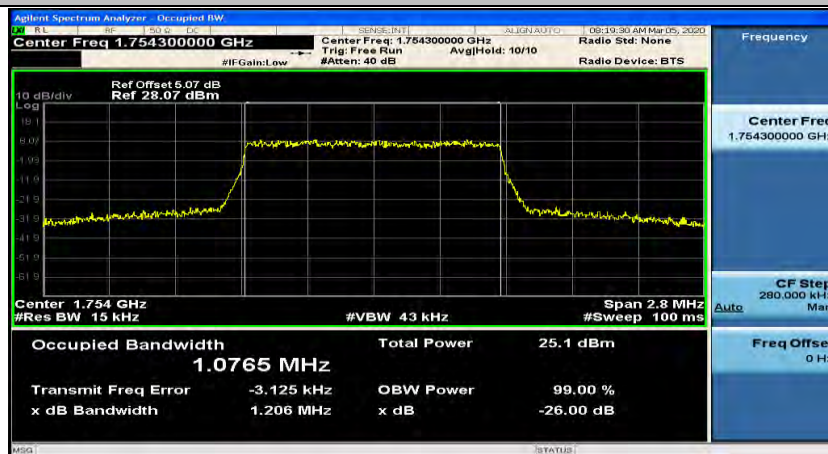
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



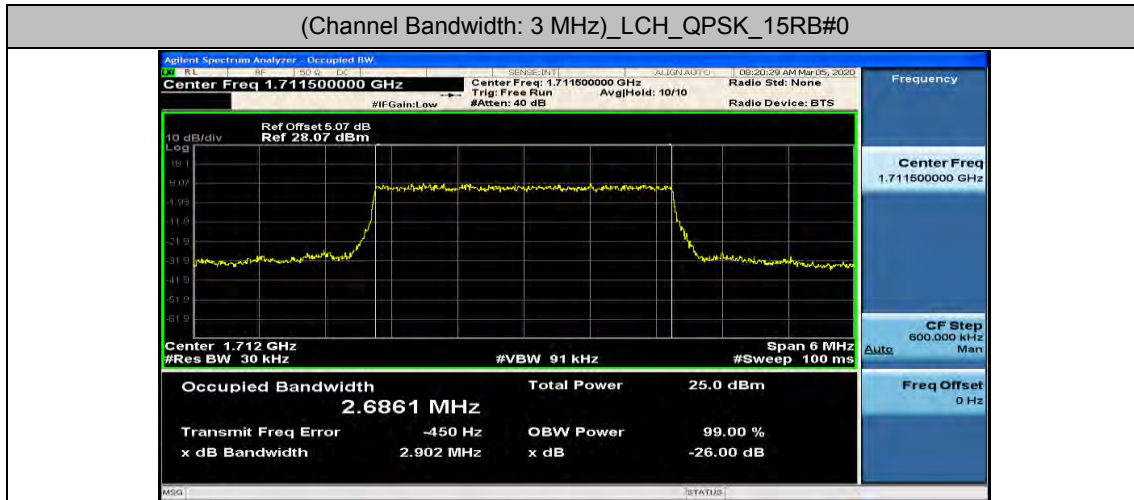
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



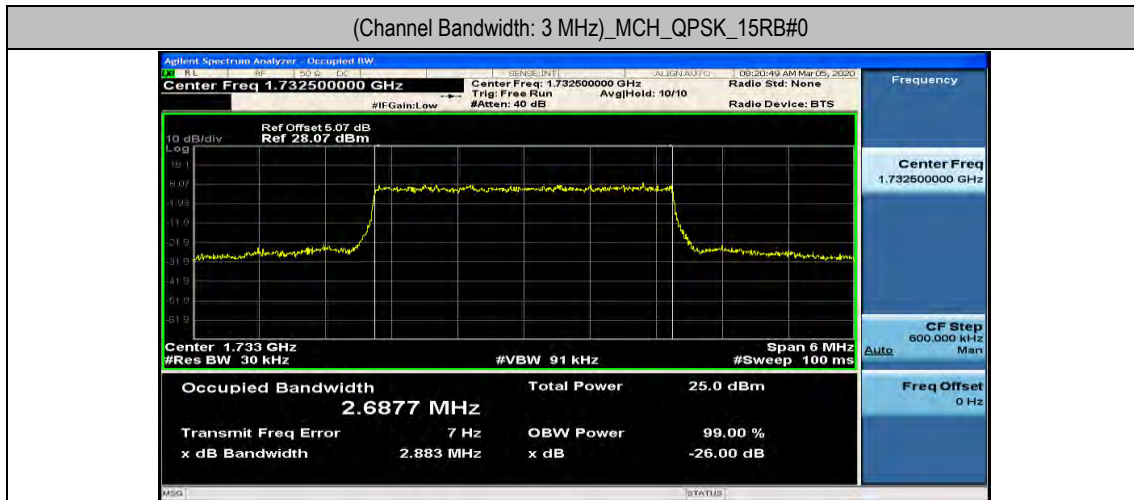


Channel Bandwidth: 3 MHz

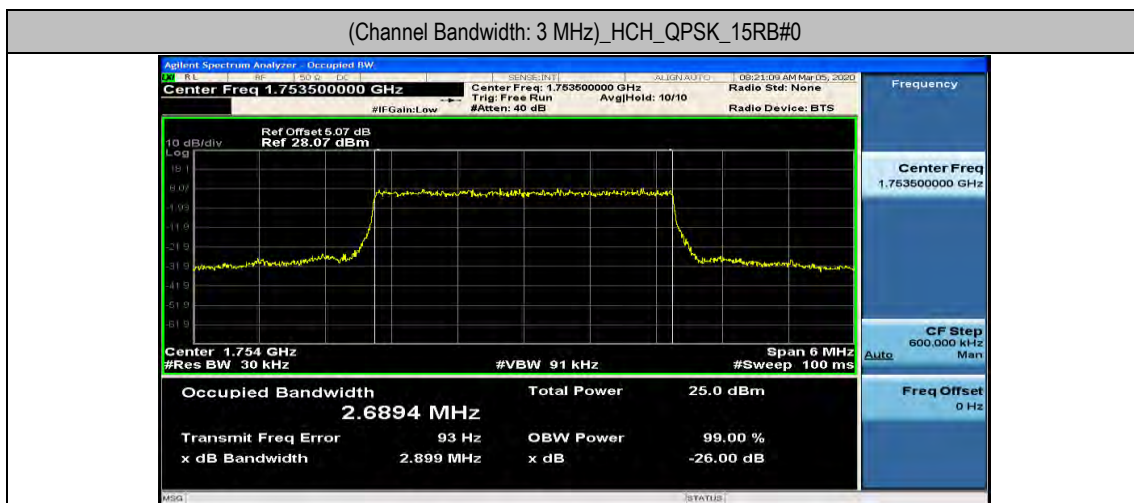
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0

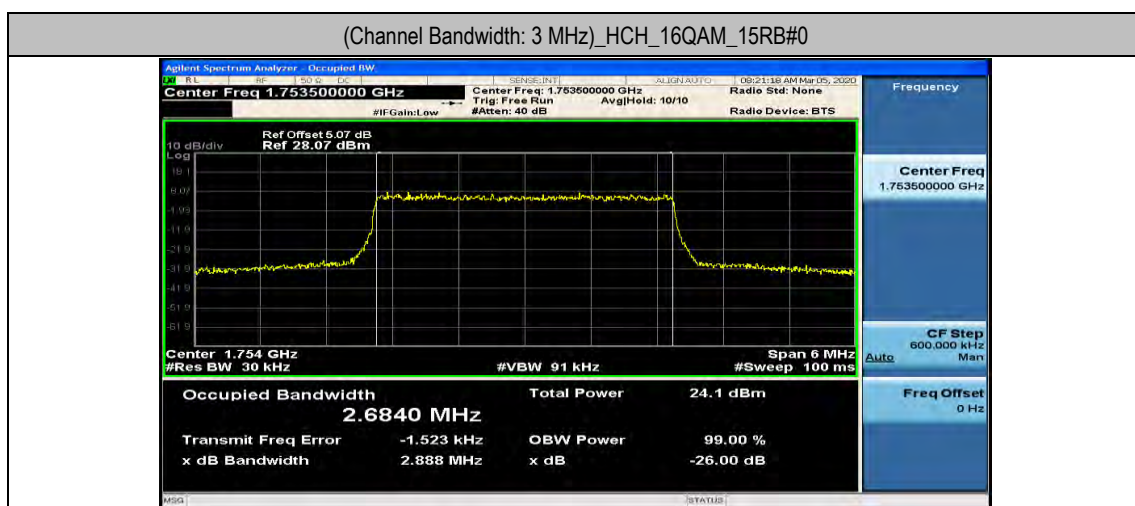
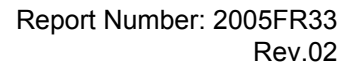


(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0

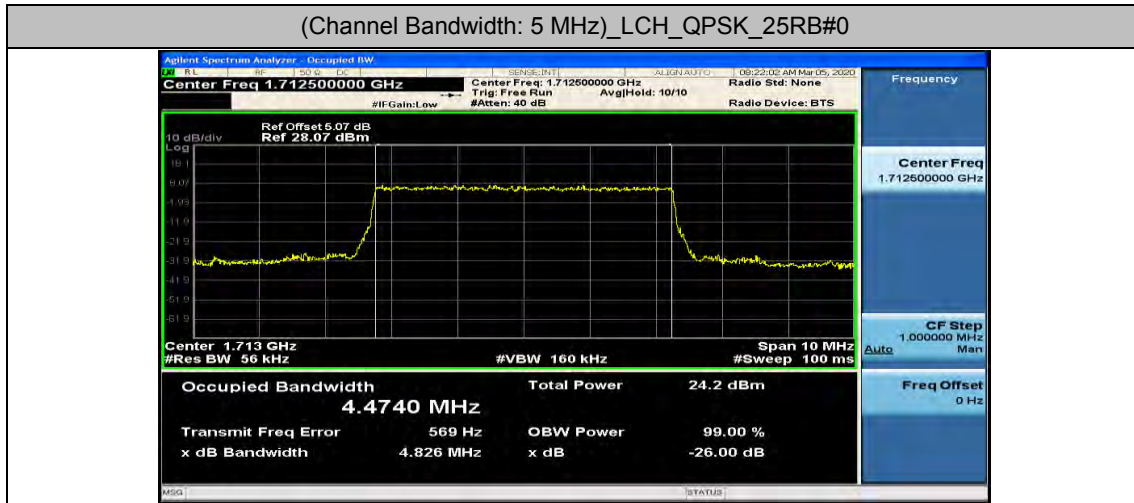




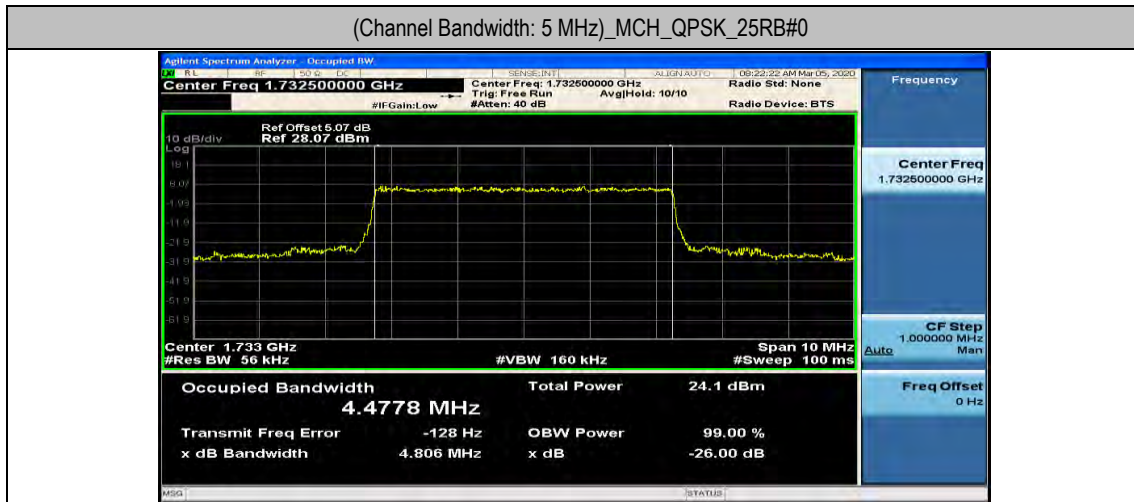


Channel Bandwidth: 5 MHz

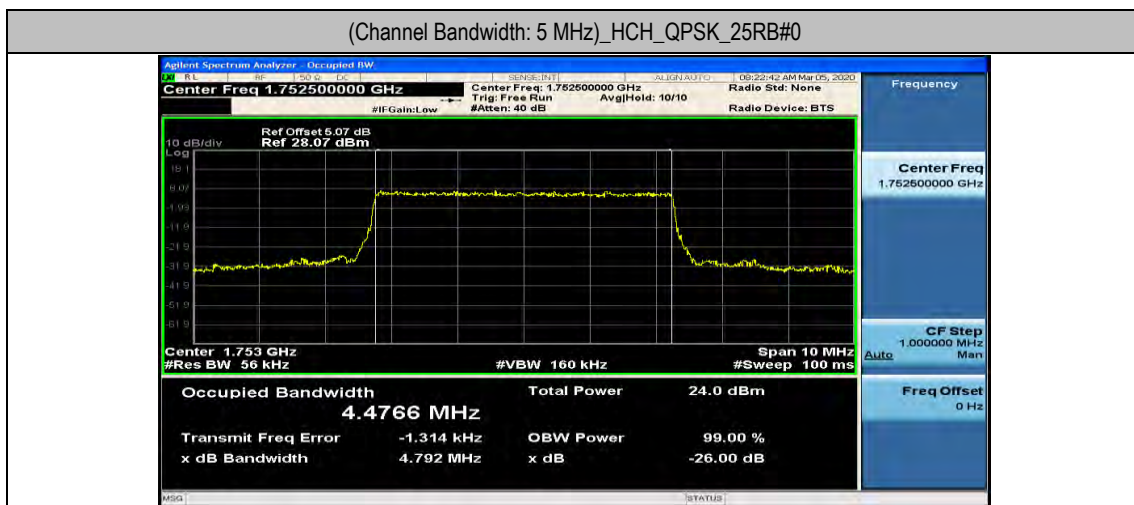
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

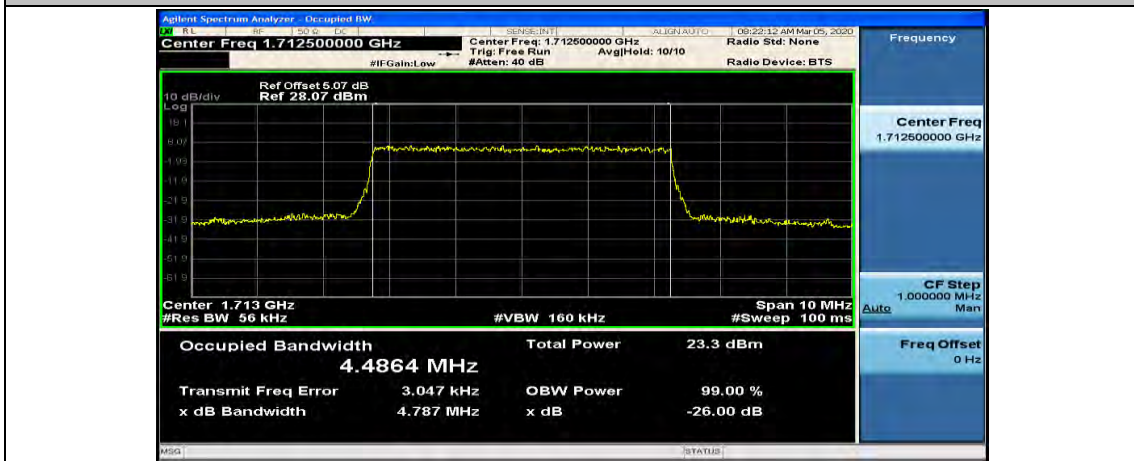


(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

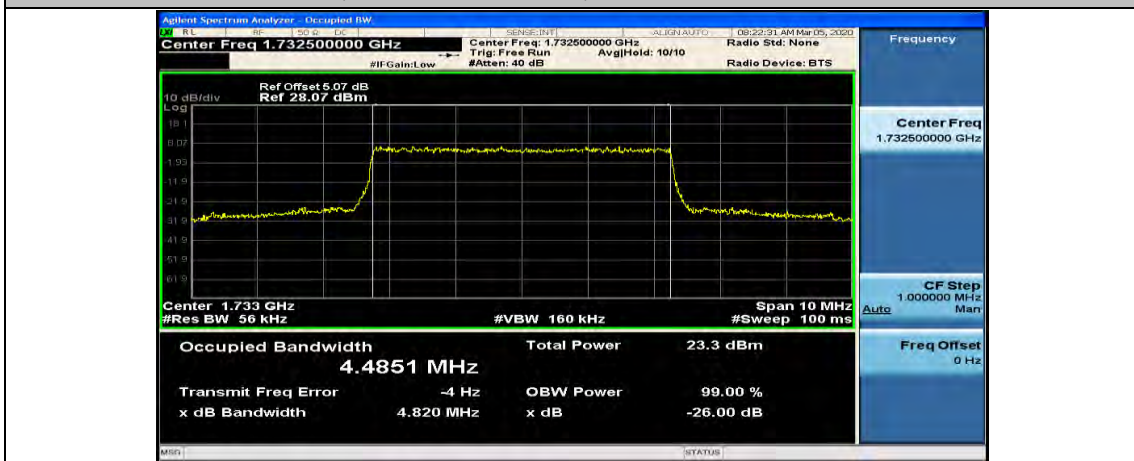




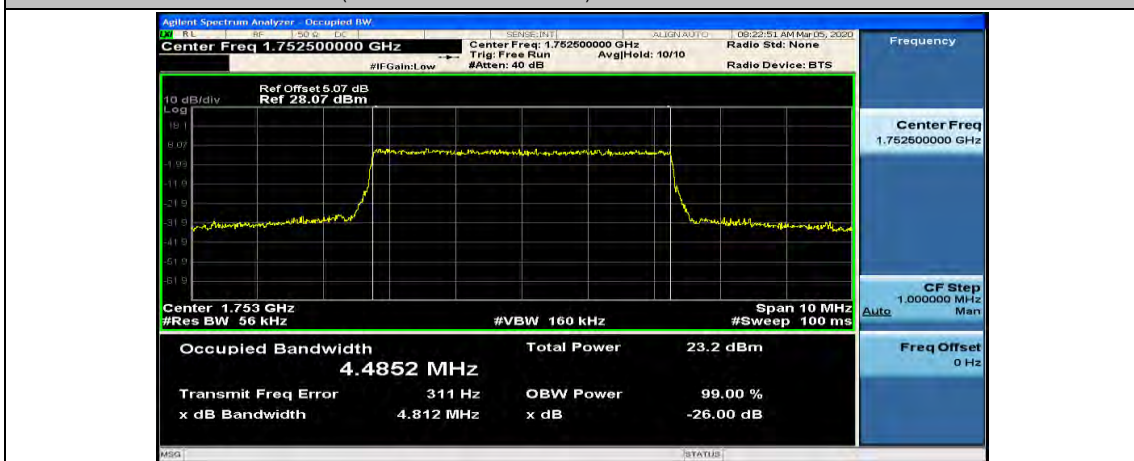
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



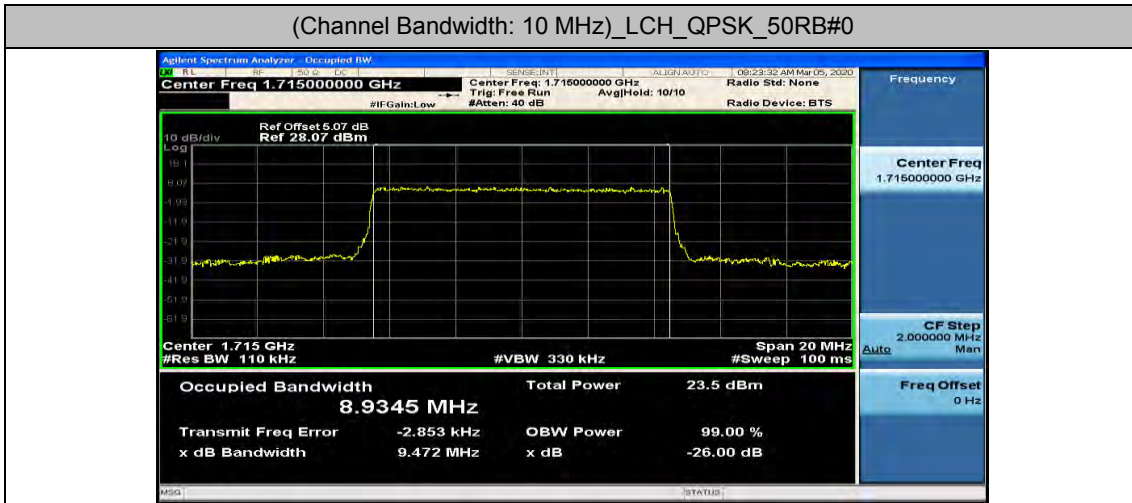
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



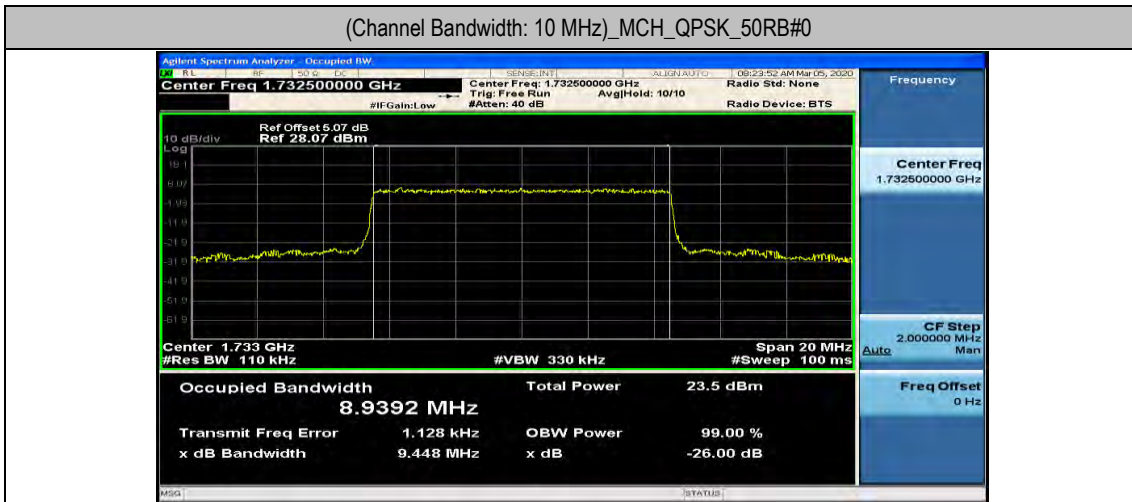


Channel Bandwidth: 10 MHz

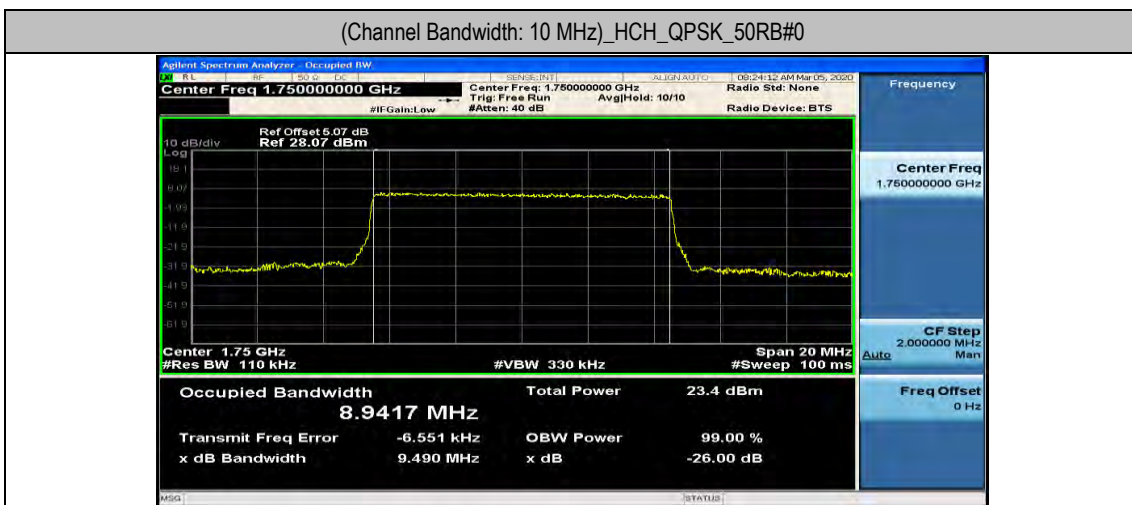
(Channel Bandwidth: 10 MHz)_LCH_QPSK_50RB#0



(Channel Bandwidth: 10 MHz)_MCH_QPSK_50RB#0

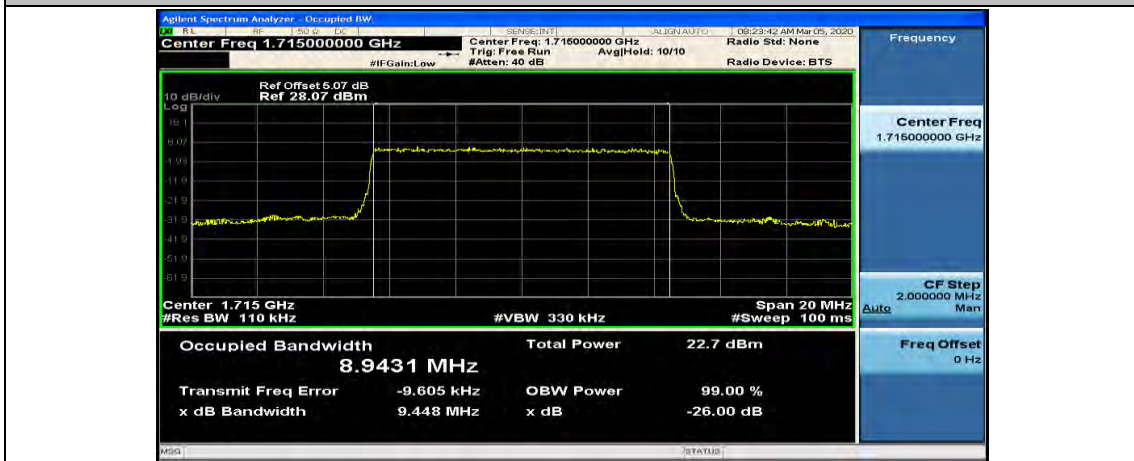


(Channel Bandwidth: 10 MHz)_HCH_QPSK_50RB#0

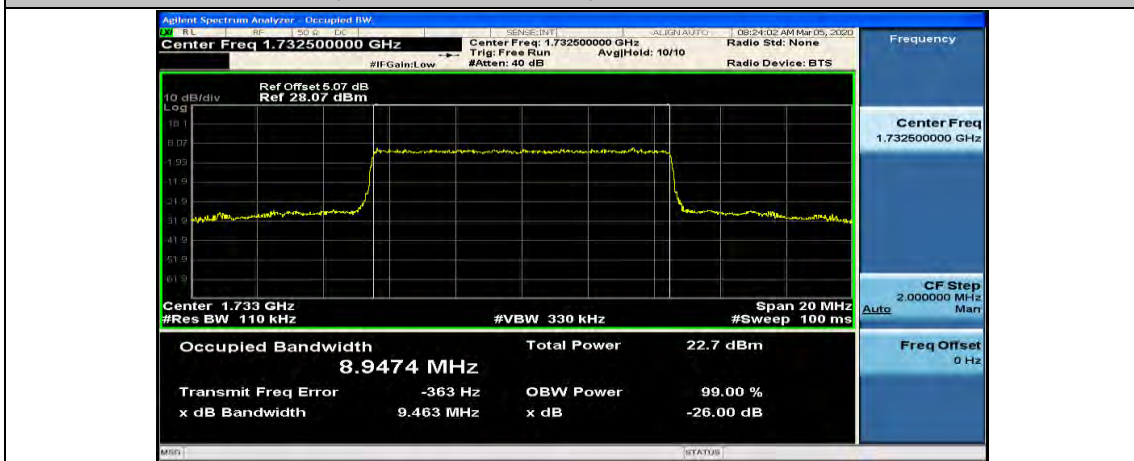




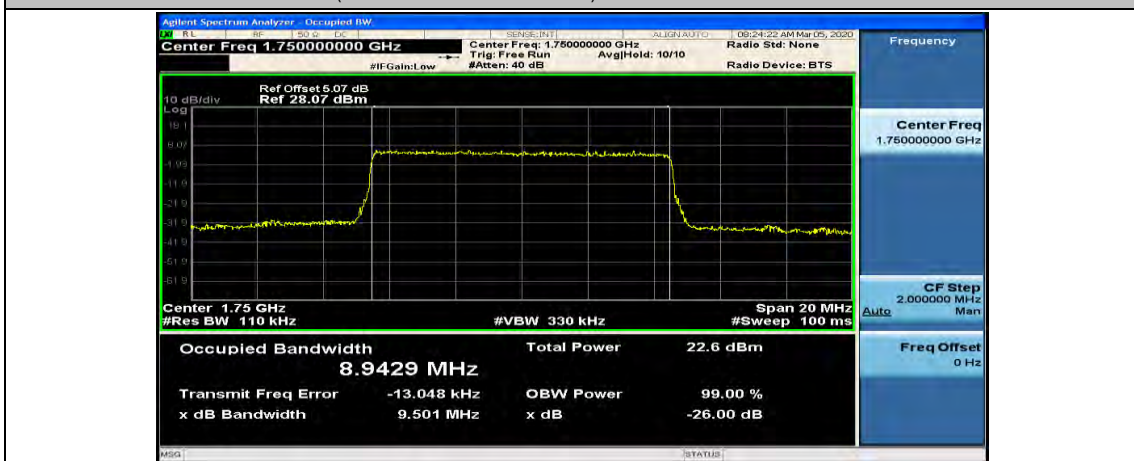
(Channel Bandwidth: 10 MHz)_LCH_16QAM_50RB#0



(Channel Bandwidth: 10 MHz)_MCH_16QAM_50RB#0



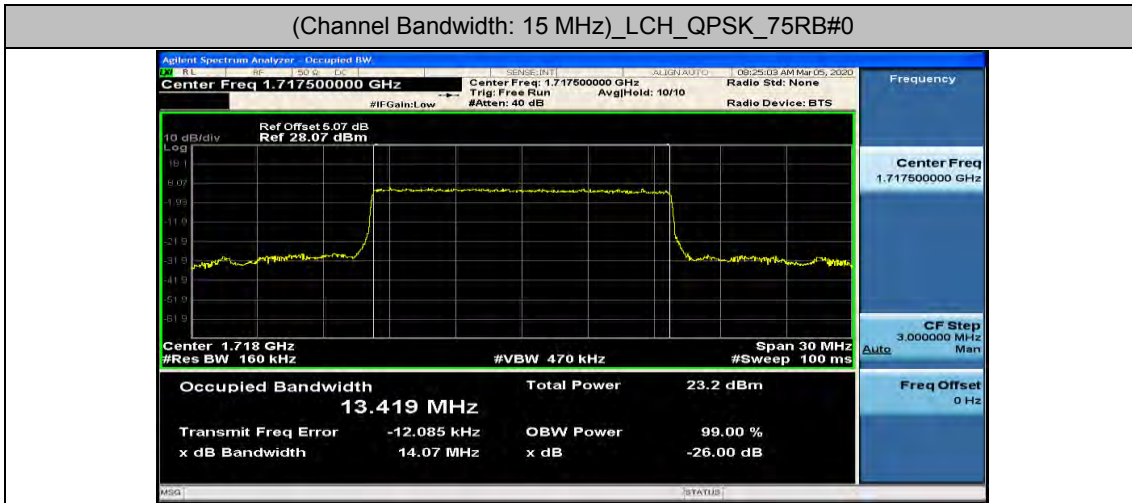
(Channel Bandwidth: 10 MHz)_HCH_16QAM_50RB#0



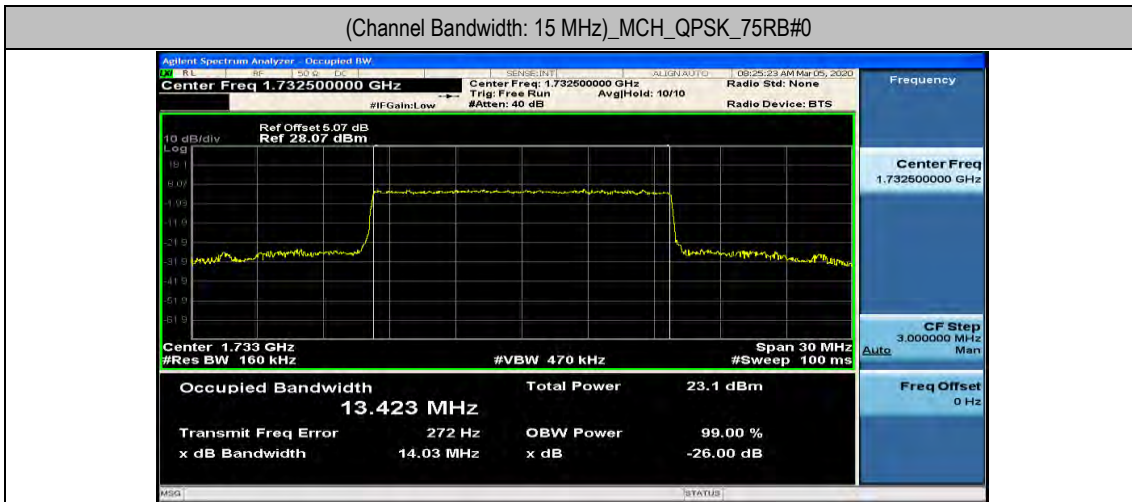


Channel Bandwidth: 15 MHz

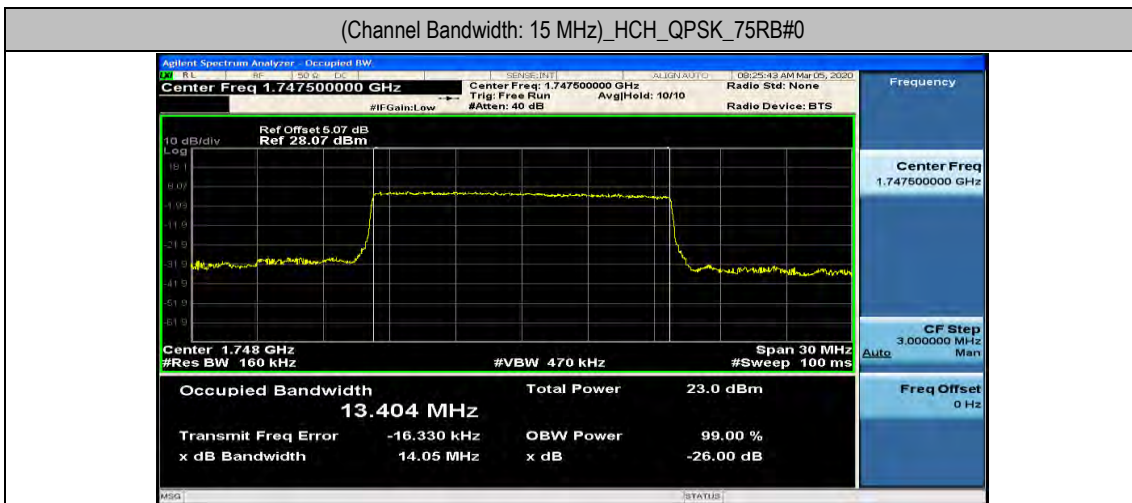
(Channel Bandwidth: 15 MHz)_LCH_QPSK_75RB#0



(Channel Bandwidth: 15 MHz)_MCH_QPSK_75RB#0

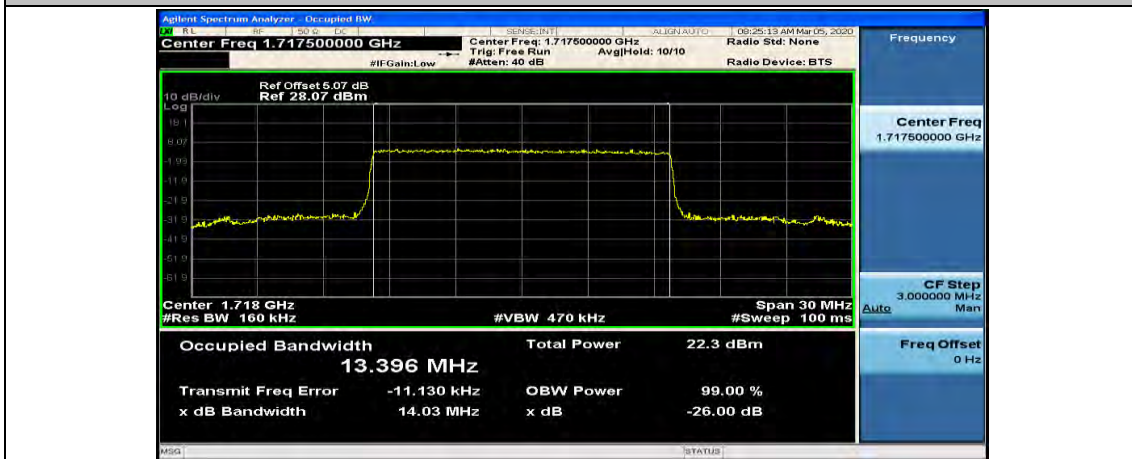


(Channel Bandwidth: 15 MHz)_HCH_QPSK_75RB#0

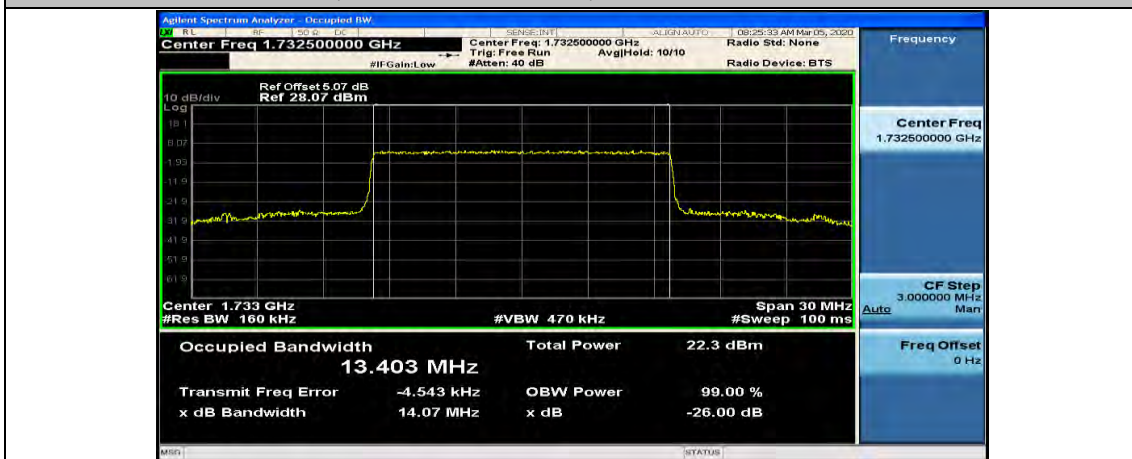




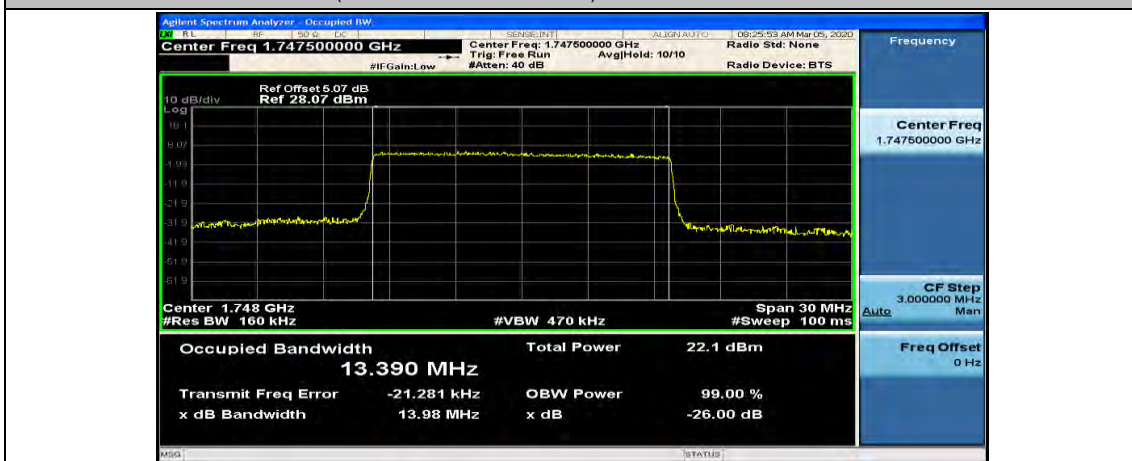
(Channel Bandwidth: 15 MHz)_LCH_16QAM_75RB#0



(Channel Bandwidth: 15 MHz)_MCH_16QAM_75RB#0



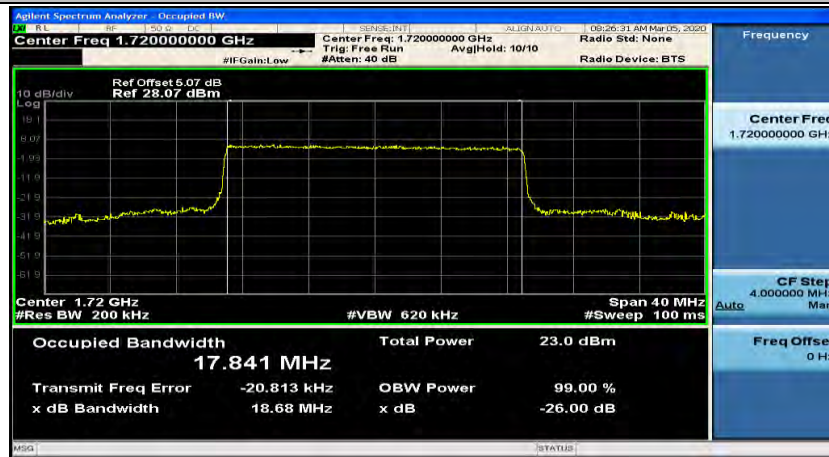
(Channel Bandwidth: 15 MHz)_HCH_16QAM_75RB#0



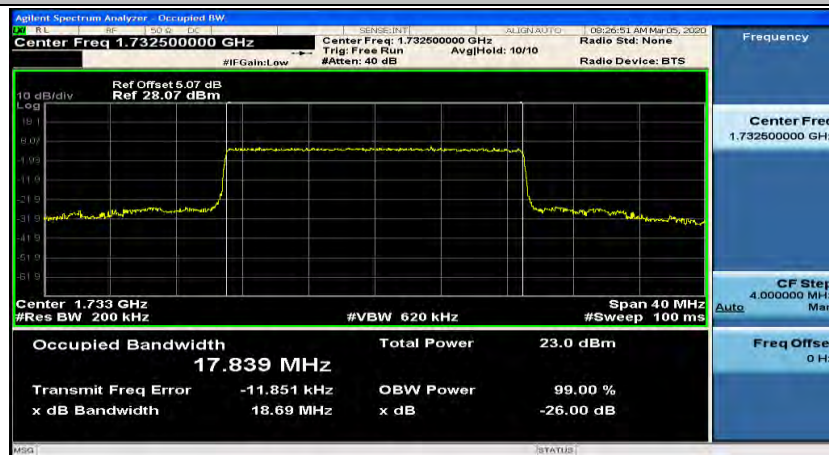


Channel Bandwidth: 20 MHz

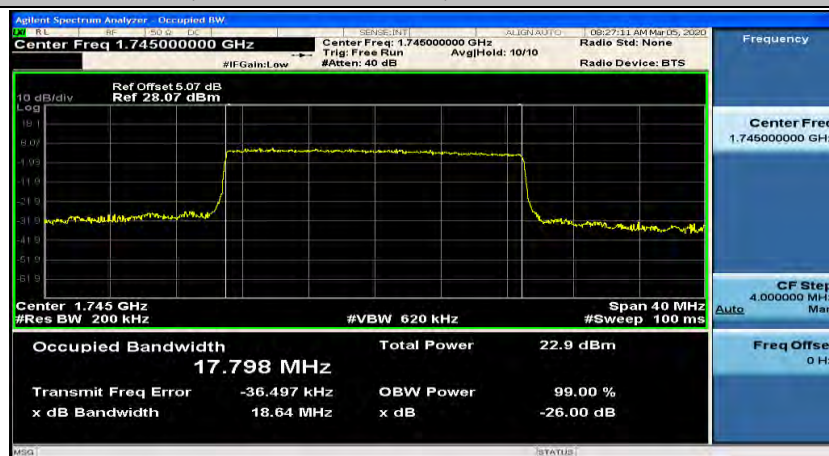
(Channel Bandwidth: 20 MHz)_LCH_QPSK_100RB#0



(Channel Bandwidth: 20 MHz)_MCH_QPSK_100RB#0

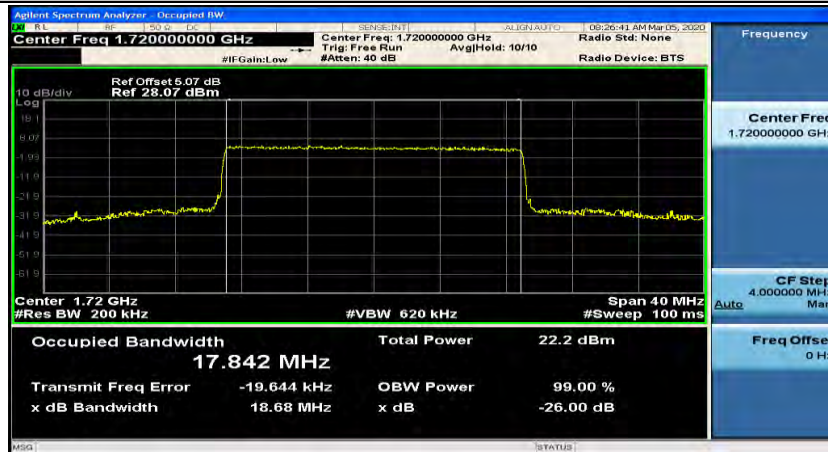


(Channel Bandwidth: 20 MHz)_HCH_QPSK_100RB#0

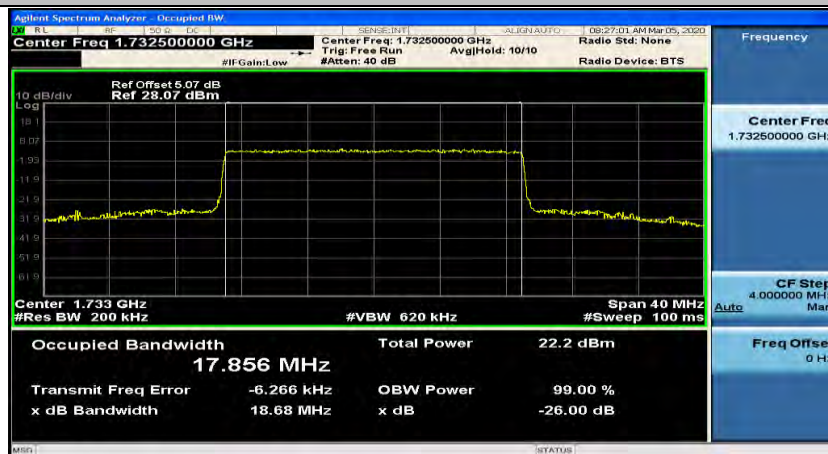




(Channel Bandwidth: 20 MHz)_LCH_16QAM_100RB#0



(Channel Bandwidth: 20 MHz)_MCH_16QAM_100RB#0



(Channel Bandwidth: 20 MHz)_HCH_16QAM_100RB#0

