



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	22.79	PASS
		1	2	22.83	PASS
		1	5	22.72	PASS
		3	0	22.79	PASS
		3	1	22.84	PASS
		3	3	22.82	PASS
		6	0	21.84	PASS
	MCH	1	0	22.80	PASS
		1	2	22.87	PASS
		1	5	22.78	PASS
		3	0	22.82	PASS
		3	1	22.86	PASS
		3	3	22.84	PASS
		6	0	21.85	PASS
	HCH	1	0	22.78	PASS
		1	2	22.85	PASS
		1	5	22.77	PASS
		3	0	22.81	PASS
		3	1	22.85	PASS
		3	3	22.83	PASS
		6	0	21.87	PASS
16QAM	LCH	1	0	22.14	PASS
		1	2	22.20	PASS
		1	5	22.11	PASS
		3	0	21.99	PASS
		3	1	22.06	PASS
		3	3	22.01	PASS
		6	0	20.97	PASS
	MCH	1	0	22.18	PASS
		1	2	22.30	PASS
		1	5	22.13	PASS
		3	0	22.05	PASS
		3	1	22.11	PASS

		3	3	22.04	PASS
		6	0	21.05	PASS
	HCH	1	0	22.16	PASS
		1	2	22.18	PASS
		1	5	22.14	PASS
		3	0	22.08	PASS
		3	1	22.06	PASS
		3	3	22.05	PASS
		6	0	21.03	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.74	PASS
		1	7	22.87	PASS
		1	14	22.74	PASS
		8	0	21.79	PASS
		8	3	21.85	PASS
		8	7	21.79	PASS
		15	0	21.82	PASS
	MCH	1	0	22.80	PASS
		1	7	22.92	PASS
		1	14	22.75	PASS
		8	0	21.87	PASS
		8	3	21.89	PASS
		8	7	21.86	PASS
		15	0	21.84	PASS
	HCH	1	0	22.81	PASS
		1	7	22.91	PASS
		1	14	22.78	PASS
		8	0	21.83	PASS
		8	3	21.87	PASS
		8	7	21.84	PASS
		15	0	21.88	PASS
16QAM	LCH	1	0	22.07	PASS
		1	7	22.20	PASS
		1	14	22.09	PASS
		8	0	20.94	PASS
		8	3	20.98	PASS

		8	7	20.94	PASS
		15	0	20.89	PASS
	MCH	1	0	22.13	PASS
		1	7	22.30	PASS
		1	14	22.19	PASS
		8	0	21.07	PASS
		8	3	21.10	PASS
		8	7	21.09	PASS
		15	0	20.94	PASS
	HCH	1	0	22.13	PASS
		1	7	22.28	PASS
		1	14	22.17	PASS
		8	0	21.03	PASS
		8	3	21.07	PASS
		8	7	21.05	PASS
		15	0	21.00	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.71	PASS
		1	12	22.73	PASS
		1	24	22.69	PASS
		12	0	21.80	PASS
		12	6	21.79	PASS
		12	13	21.76	PASS
		25	0	21.75	PASS
	MCH	1	0	22.75	PASS
		1	12	22.79	PASS
		1	24	22.73	PASS
		12	0	21.86	PASS
		12	6	21.86	PASS
		12	13	21.82	PASS
		25	0	21.80	PASS
	HCH	1	0	22.74	PASS
		1	12	22.78	PASS
		1	24	22.75	PASS
		12	0	21.83	PASS
		12	6	21.88	PASS
		12	13	21.81	PASS

		25	0	21.81	PASS
16QAM	LCH	1	0	22.00	PASS
		1	12	22.04	PASS
		1	24	21.92	PASS
		12	0	20.90	PASS
		12	6	20.89	PASS
		12	13	20.86	PASS
		25	0	20.85	PASS
	MCH	1	0	22.12	PASS
		1	12	22.14	PASS
		1	24	22.15	PASS
		12	0	21.05	PASS
		12	6	21.05	PASS
		12	13	20.98	PASS
		25	0	20.95	PASS
	HCH	1	0	21.97	PASS
		1	12	22.09	PASS
		1	24	22.06	PASS
		12	0	21.00	PASS
		12	6	21.06	PASS
		12	13	21.01	PASS
		25	0	20.94	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.76	PASS
		1	24	22.64	PASS
		1	49	22.68	PASS
		25	0	21.73	PASS
		25	12	21.75	PASS
		25	25	21.72	PASS
		50	0	21.71	PASS
	MCH	1	0	22.82	PASS
		1	24	22.74	PASS
		1	49	22.77	PASS
		25	0	21.78	PASS
		25	12	21.80	PASS
		25	25	21.76	PASS
		50	0	21.76	PASS

	HCH	1	0	22.72	PASS
		1	24	22.73	PASS
		1	49	22.71	PASS
		25	0	21.81	PASS
		25	12	21.81	PASS
		25	25	21.79	PASS
		50	0	21.78	PASS
16QAM	LCH	1	0	22.06	PASS
		1	24	21.92	PASS
		1	49	21.95	PASS
		25	0	20.82	PASS
		25	12	20.82	PASS
		25	25	20.79	PASS
		50	0	20.79	PASS
	MCH	1	0	22.12	PASS
		1	24	22.15	PASS
		1	49	22.22	PASS
		25	0	20.92	PASS
		25	12	20.92	PASS
		25	25	20.88	PASS
		50	0	20.90	PASS
	HCH	1	0	22.00	PASS
		1	24	22.00	PASS
		1	49	22.04	PASS
		25	0	20.89	PASS
		25	12	20.91	PASS
		25	25	20.87	PASS
		50	0	20.92	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.62	PASS
		1	37	22.62	PASS
		1	74	22.55	PASS
		36	0	21.68	PASS
		36	19	21.75	PASS
		36	39	21.69	PASS
		75	0	21.71	PASS
	MCH	1	0	22.69	PASS

		1	37	22.73	PASS
		1	74	22.70	PASS
		36	0	21.81	PASS
		36	19	21.83	PASS
		36	39	21.79	PASS
		75	0	21.79	PASS
	HCH	1	0	22.69	PASS
		1	37	22.71	PASS
		1	74	22.66	PASS
		36	0	21.75	PASS
		36	19	21.81	PASS
		36	39	21.79	PASS
		75	0	21.79	PASS
16QAM	LCH	1	0	21.97	PASS
		1	37	21.88	PASS
		1	74	21.83	PASS
		36	0	20.77	PASS
		36	19	20.80	PASS
		36	39	20.72	PASS
		75	0	20.77	PASS
	MCH	1	0	21.96	PASS
		1	37	22.07	PASS
		1	74	22.07	PASS
		36	0	20.91	PASS
		36	19	20.97	PASS
		36	39	20.92	PASS
		75	0	20.90	PASS
	HCH	1	0	22.05	PASS
		1	37	21.94	PASS
		1	74	22.03	PASS
		36	0	20.89	PASS
		36	19	20.89	PASS
		36	39	20.89	PASS
		75	0	20.88	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.66	PASS
		1	49	22.59	PASS



		1	99	22.63	PASS
		50	0	21.71	PASS
		50	25	21.70	PASS
		50	50	21.76	PASS
		100	0	21.82	PASS
	MCH	1	0	22.72	PASS
		1	49	22.71	PASS
		1	99	22.69	PASS
		50	0	21.75	PASS
		50	25	21.77	PASS
		50	50	21.74	PASS
		100	0	21.74	PASS
	HCH	1	0	22.58	PASS
		1	49	22.67	PASS
		1	99	22.65	PASS
		50	0	21.68	PASS
		50	25	21.79	PASS
		50	50	21.76	PASS
		100	0	21.68	PASS
16QAM	LCH	1	0	21.95	PASS
		1	49	21.83	PASS
		1	99	21.91	PASS
		50	0	20.79	PASS
		50	25	20.81	PASS
		50	50	20.84	PASS
		100	0	20.84	PASS
	MCH	1	0	21.99	PASS
		1	49	22.10	PASS
		1	99	22.13	PASS
		50	0	20.89	PASS
		50	25	20.94	PASS
		50	50	20.91	PASS
		100	0	20.91	PASS
	HCH	1	0	21.95	PASS
		1	49	21.93	PASS
		1	99	21.97	PASS
		50	0	20.78	PASS
		50	25	20.85	PASS
		50	50	20.87	PASS
		100	0	20.79	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	3.76	<13	PASS
QPSK	MCH	1	0	3.89	<13	PASS
QPSK	HCH	1	0	3.67	<13	PASS
16QAM	LCH	1	0	5.01	<13	PASS
16QAM	MCH	1	0	4.95	<13	PASS
16QAM	HCH	1	0	4.97	<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	3.53	<13	PASS
QPSK	MCH	1	0	3.69	<13	PASS
QPSK	HCH	1	0	3.48	<13	PASS
16QAM	LCH	1	0	4.91	<13	PASS
16QAM	MCH	1	0	5.05	<13	PASS
16QAM	HCH	1	0	4.61	<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	3.51	<13	PASS
QPSK	MCH	1	0	3.62	<13	PASS
QPSK	HCH	1	0	3.29	<13	PASS
16QAM	LCH	1	0	5.22	<13	PASS
16QAM	MCH	1	0	4.91	<13	PASS
16QAM	HCH	1	0	4.52	<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	3.46	<13	PASS
QPSK	MCH	1	0	3.43	<13	PASS
QPSK	HCH	1	0	3.09	<13	PASS
16QAM	LCH	1	0	4.86	<13	PASS
16QAM	MCH	1	0	4.67	<13	PASS
16QAM	HCH	1	0	4.45	<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	3.4	<13	PASS
QPSK	MCH	1	0	3.26	<13	PASS
QPSK	HCH	1	0	3.24	<13	PASS
16QAM	LCH	1	0	5.03	<13	PASS
16QAM	MCH	1	0	4.56	<13	PASS
16QAM	HCH	1	0	4.63	<13	PASS

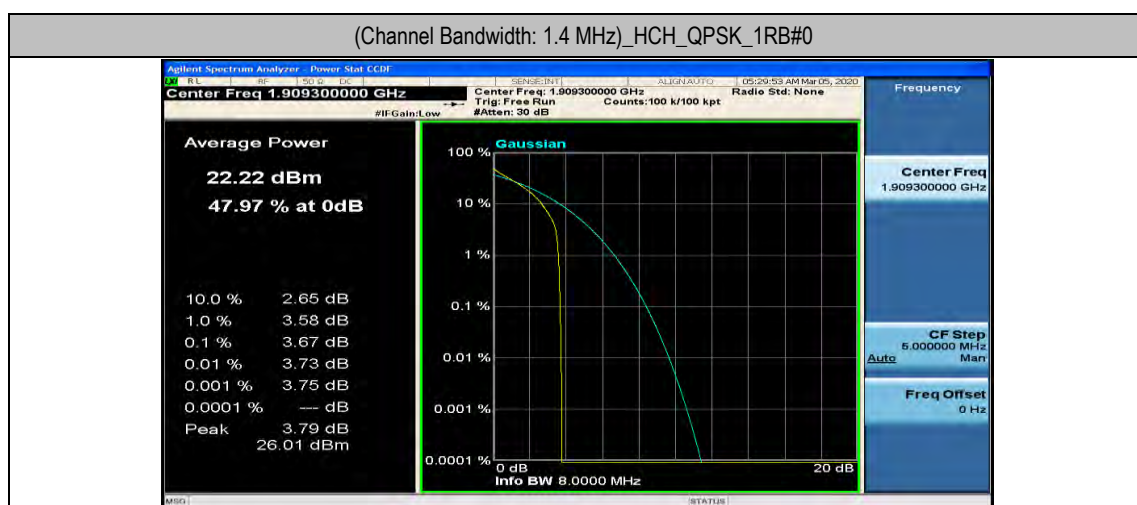
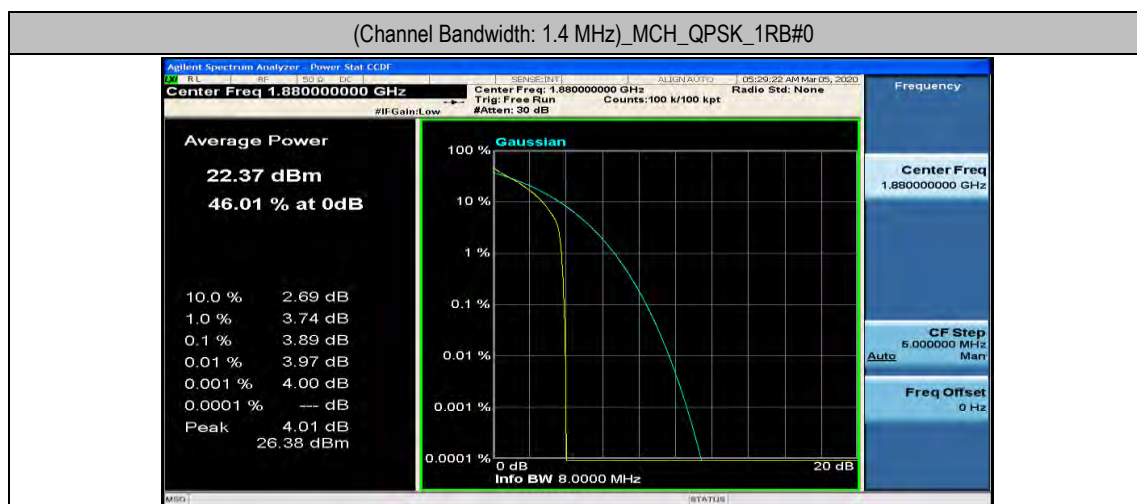
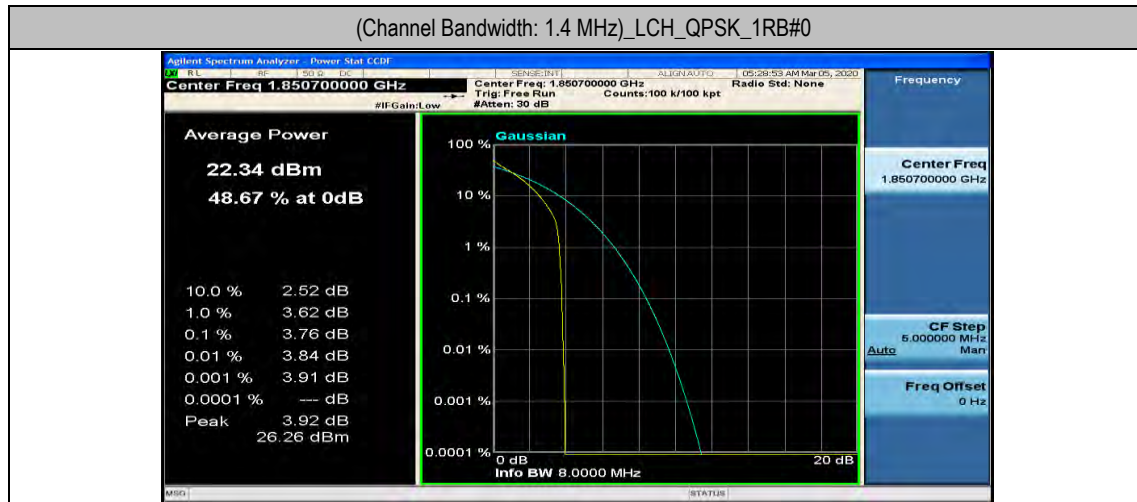
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.35	<13	PASS
QPSK	MCH	1	0	3.06	<13	PASS
QPSK	HCH	1	0	3.52	<13	PASS
16QAM	LCH	1	0	4.94	<13	PASS
16QAM	MCH	1	0	4.28	<13	PASS
16QAM	HCH	1	0	5.24	<13	PASS



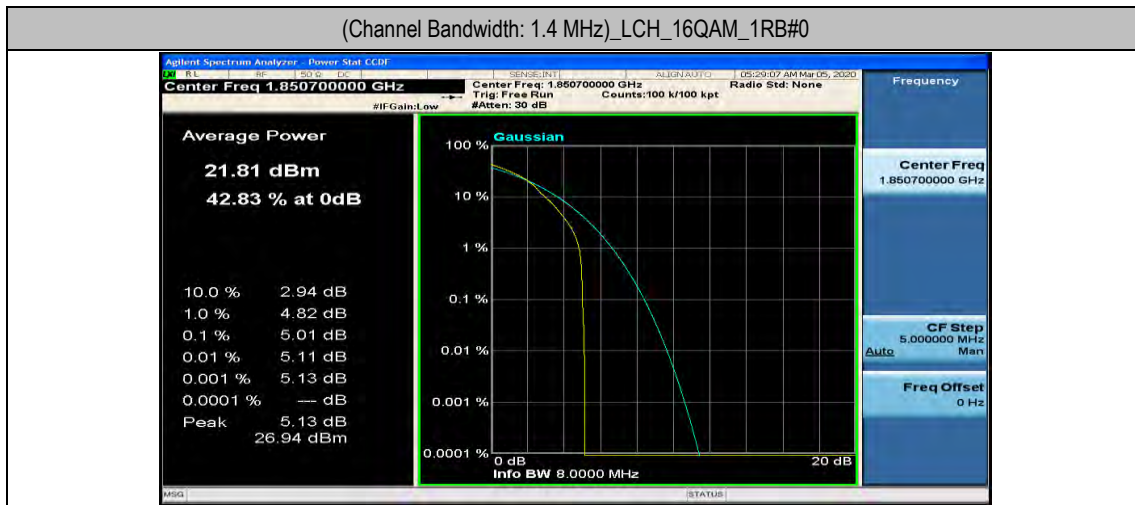
Test Graphs

Channel Bandwidth: 1.4 MHz

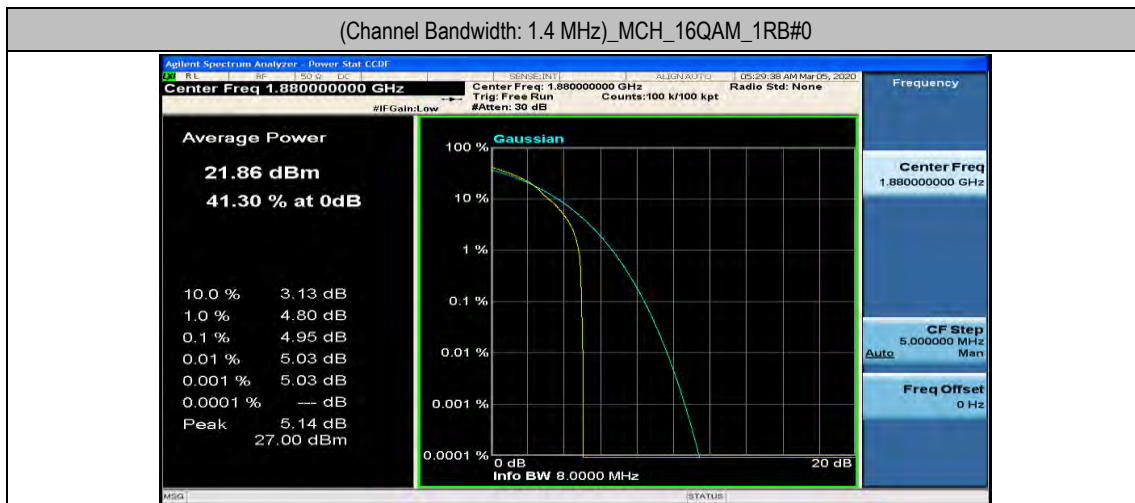




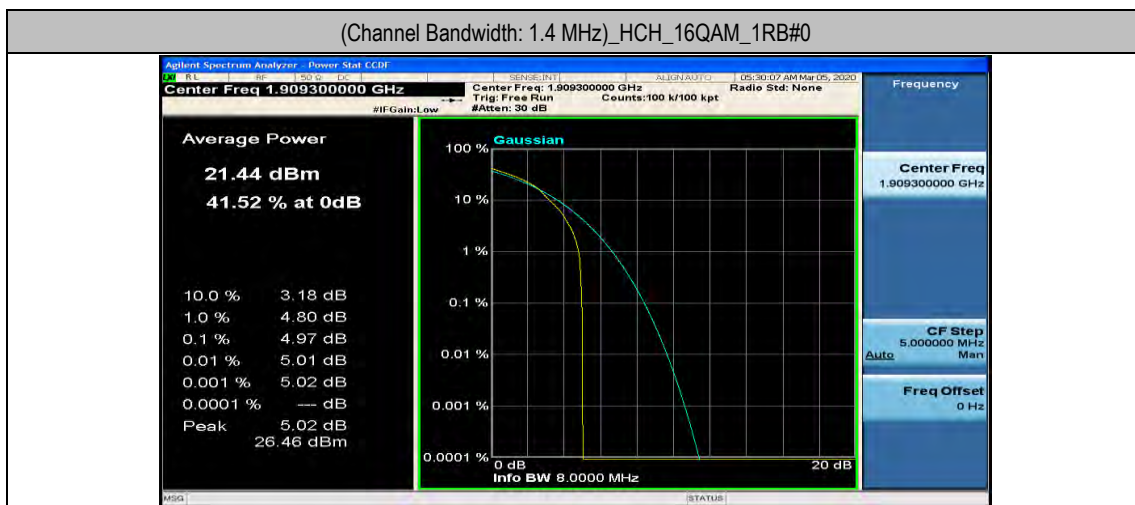
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

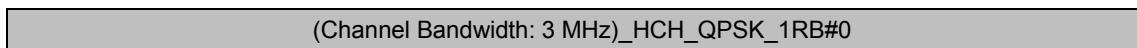
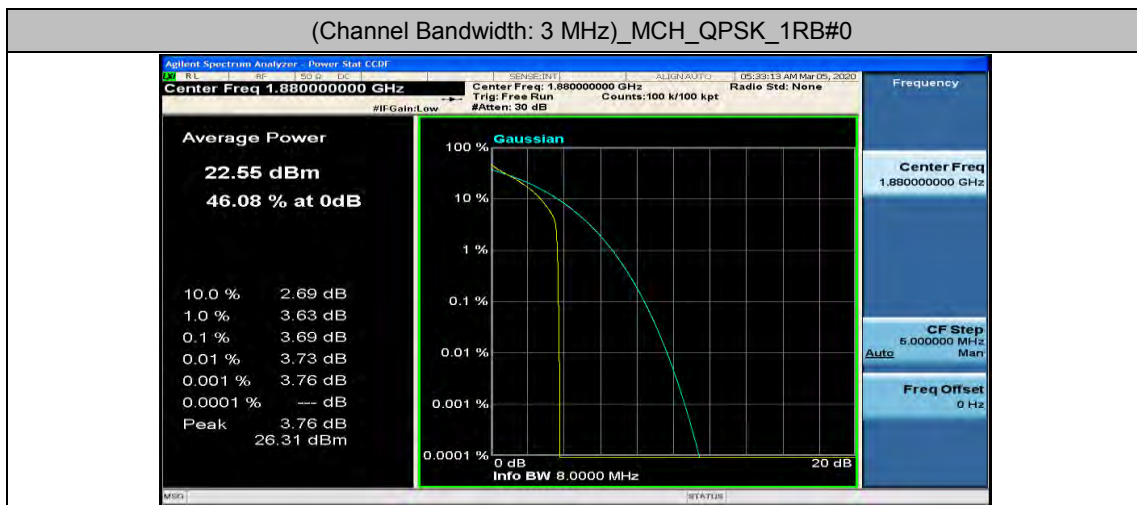
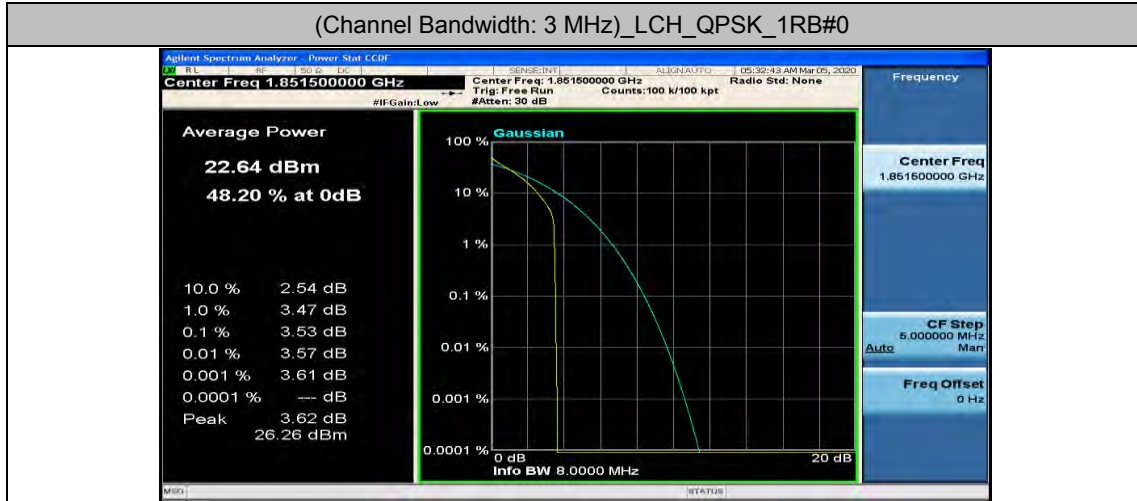


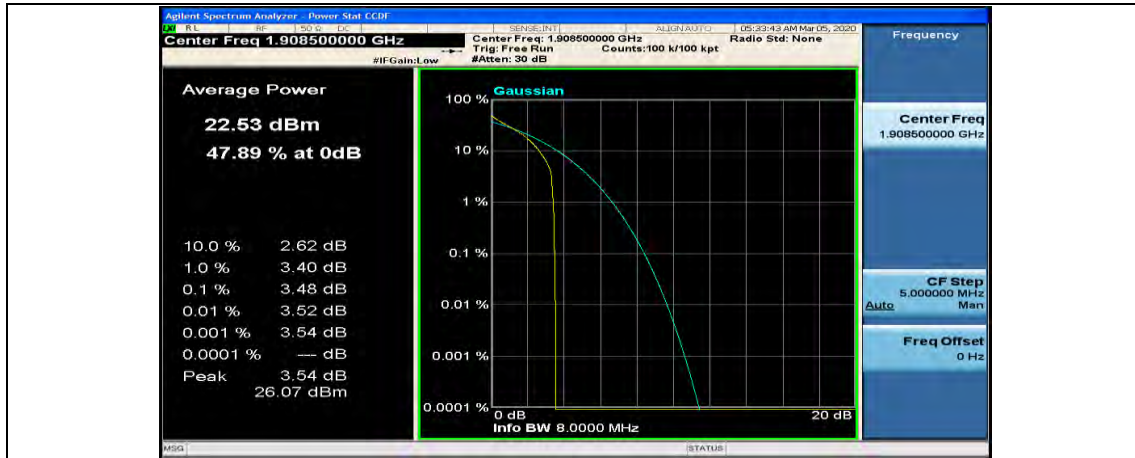
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0





Channel Bandwidth: 3 MHz





(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



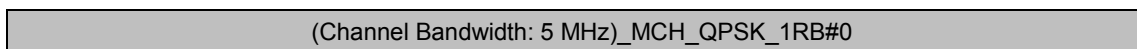
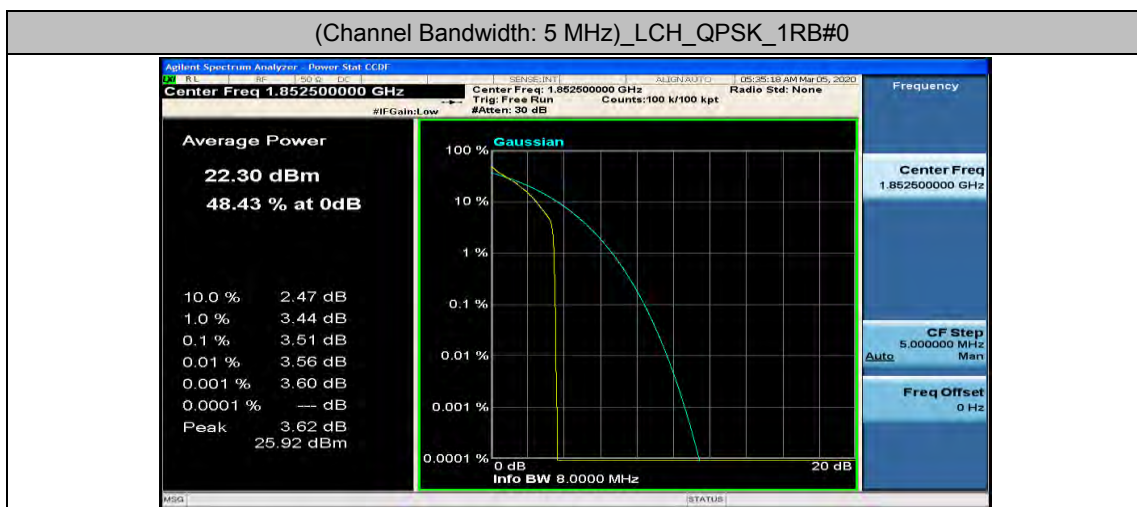
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

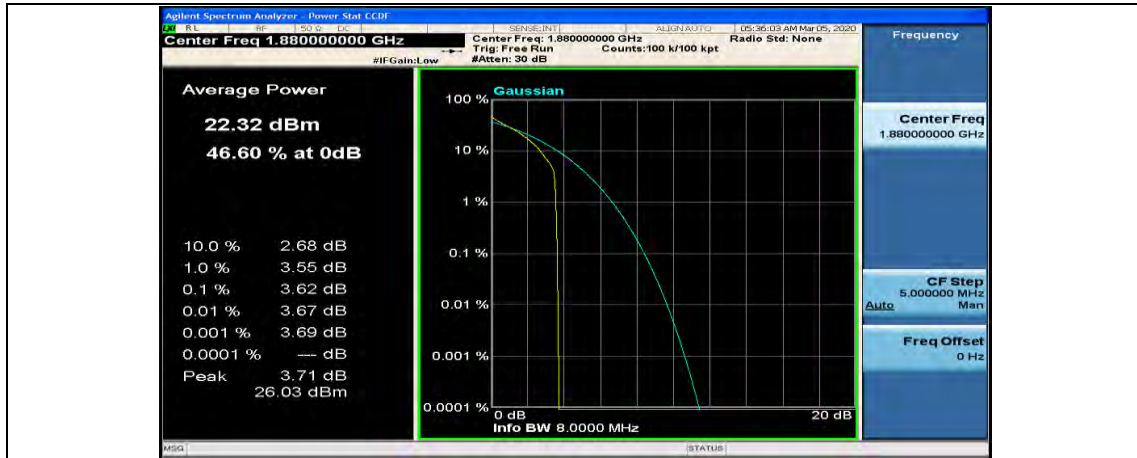


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



Channel Bandwidth: 5 MHz

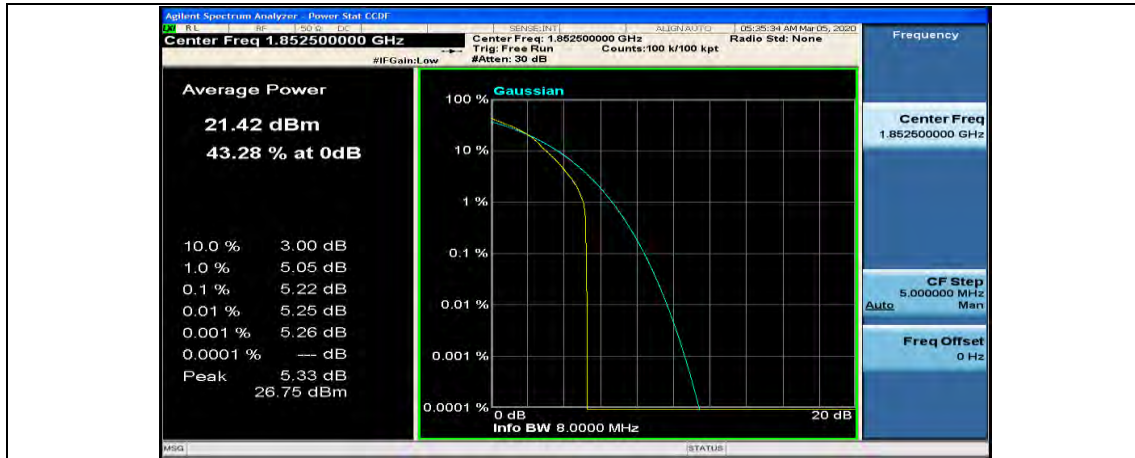




(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

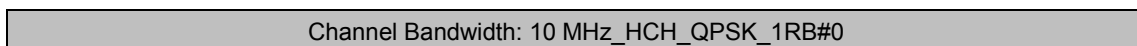
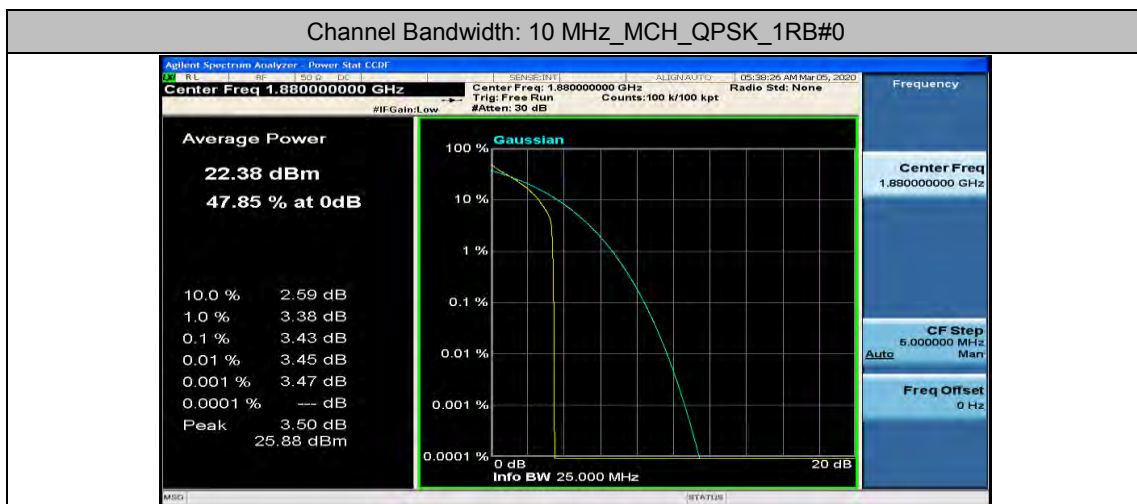
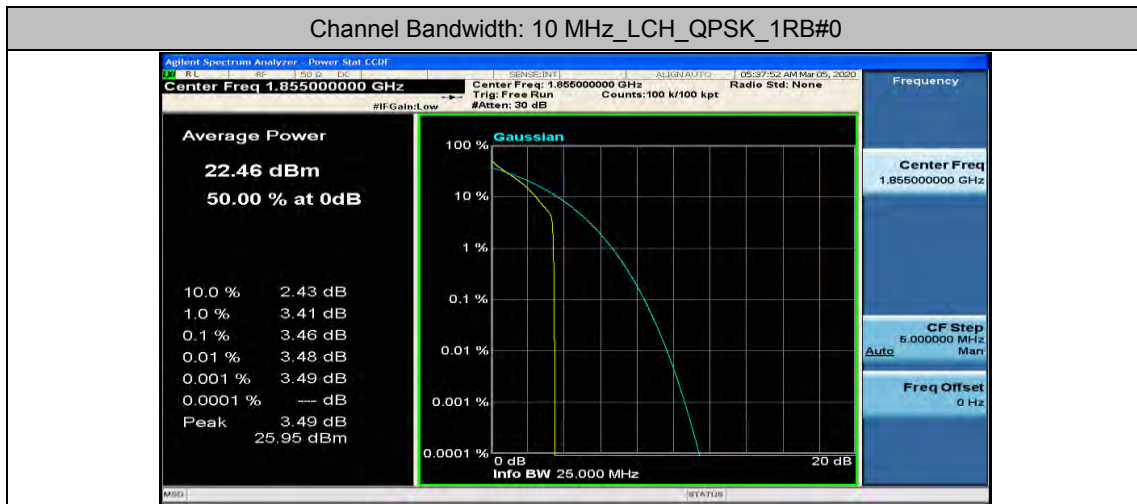


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0





Channel Bandwidth: 10 MHz



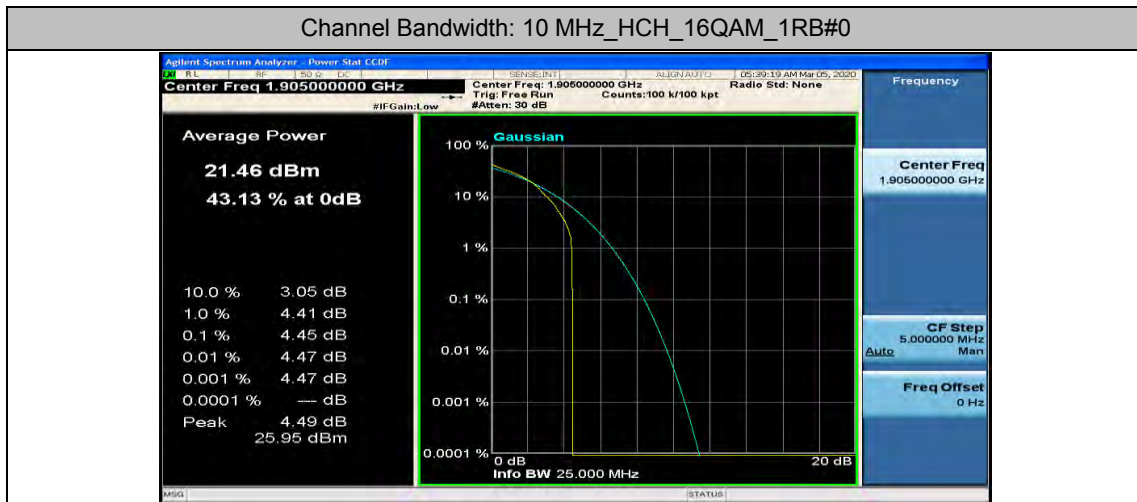


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

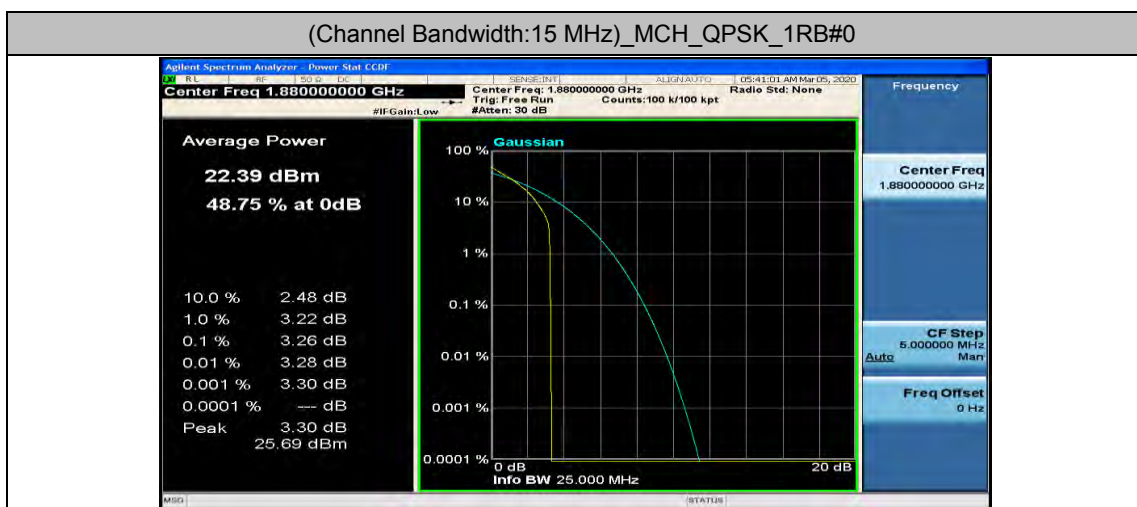
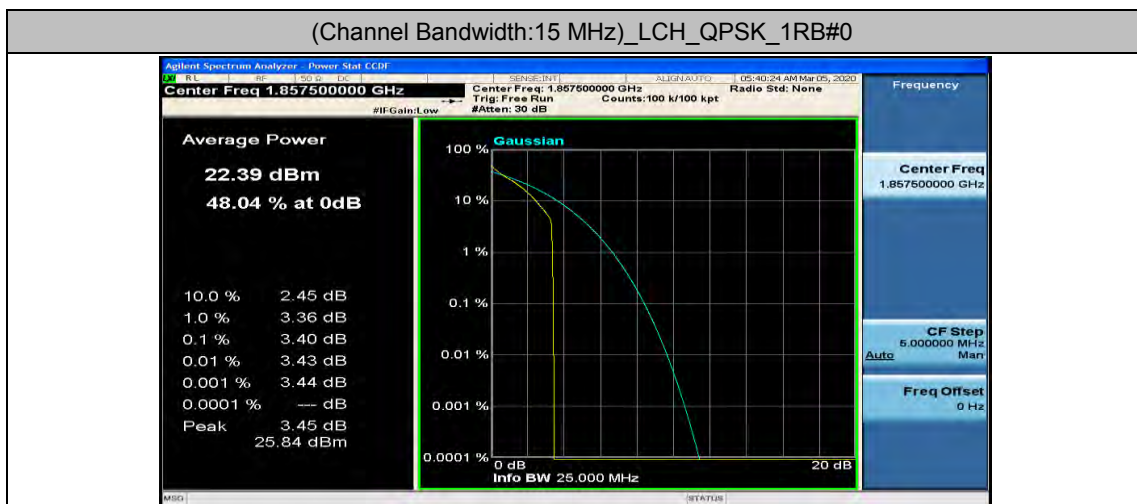


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



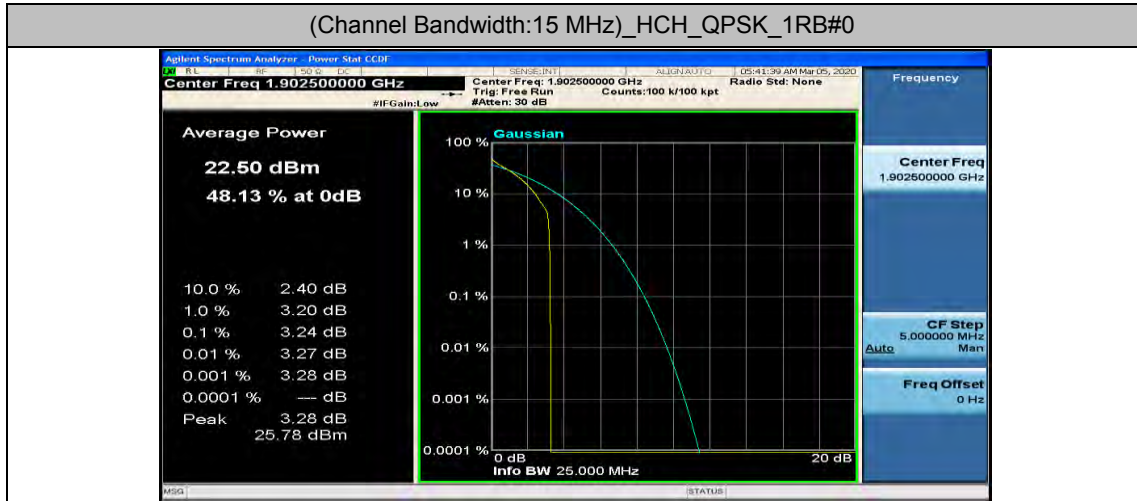


Channel Bandwidth: 15 MHz

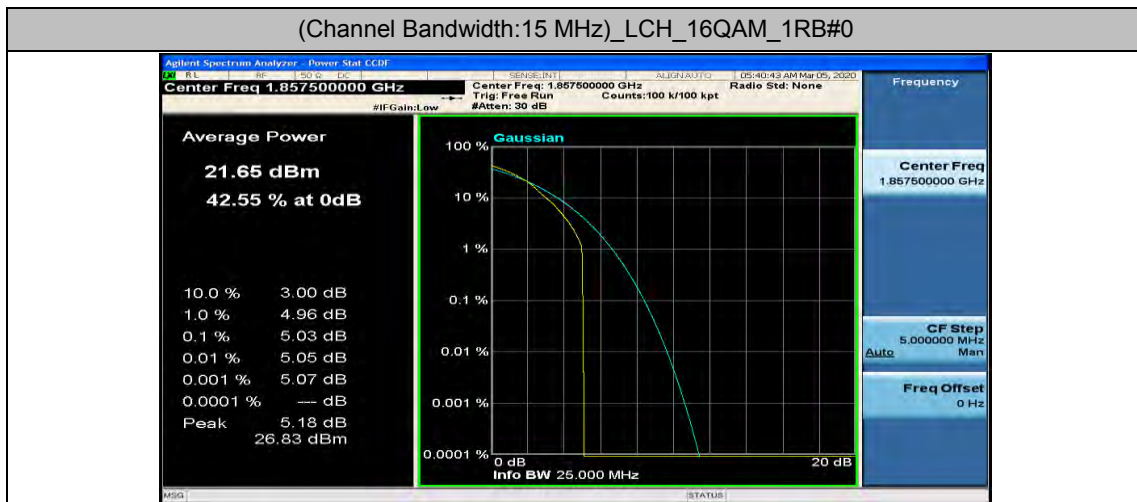




(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



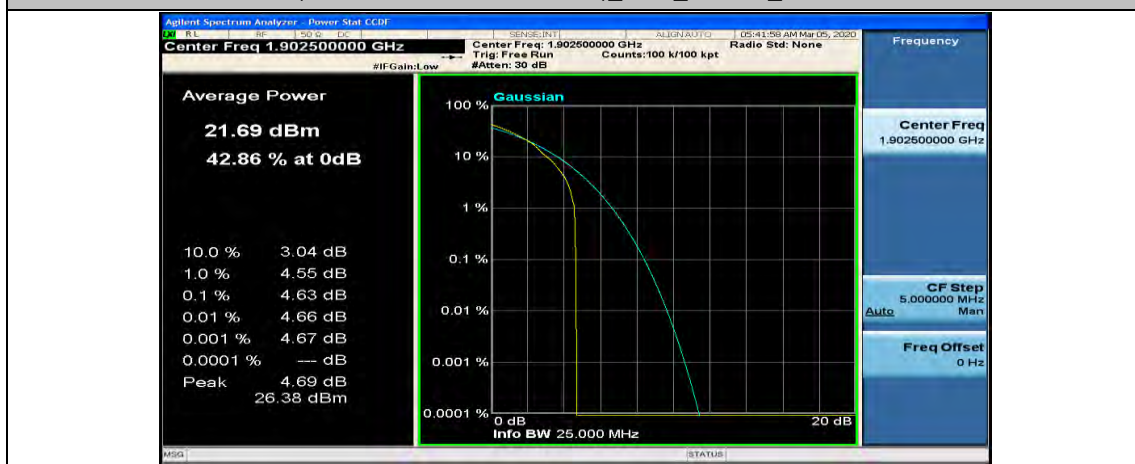
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

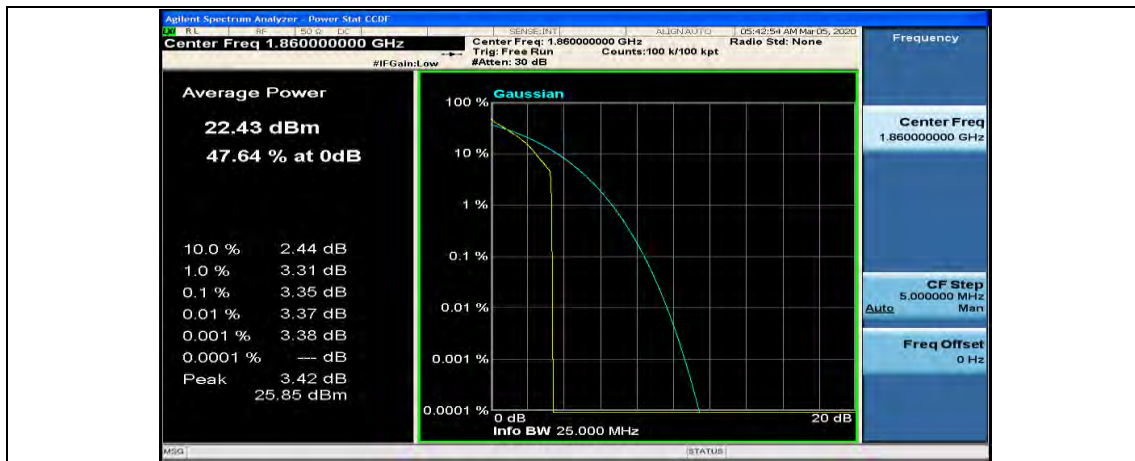


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

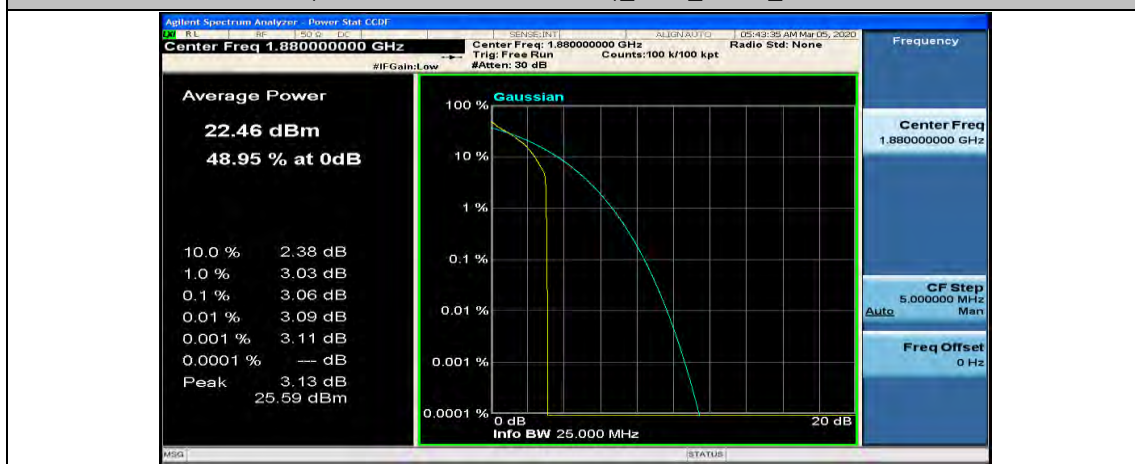


Channel Bandwidth: 20 MHz

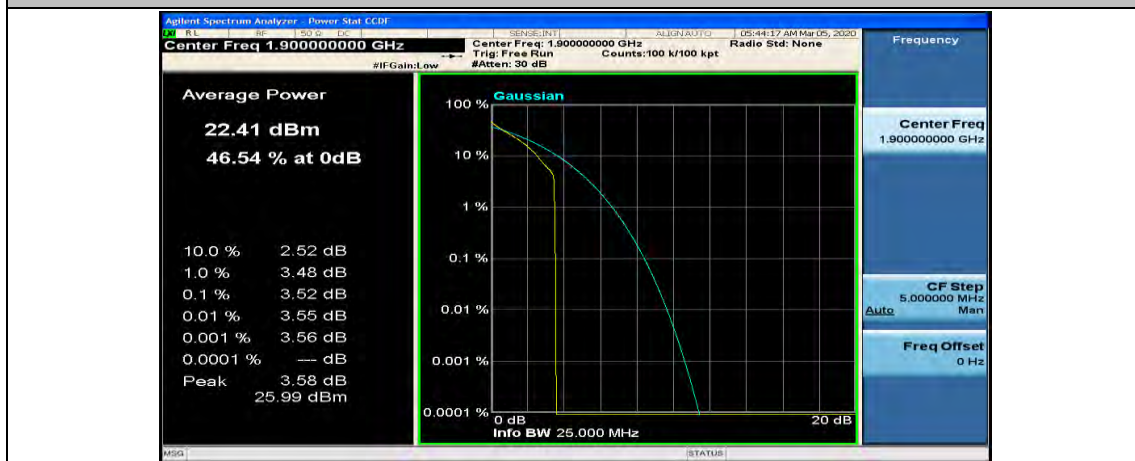
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



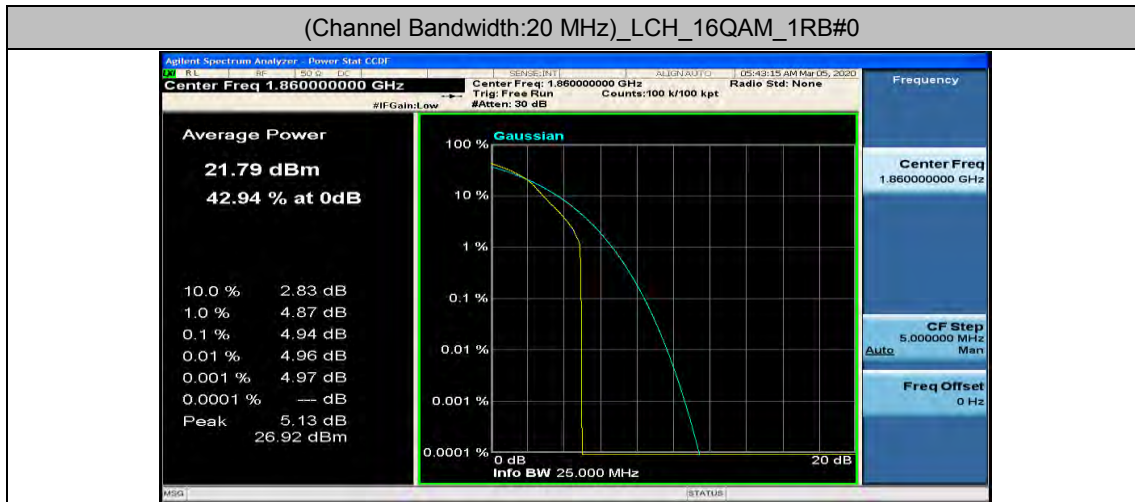
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



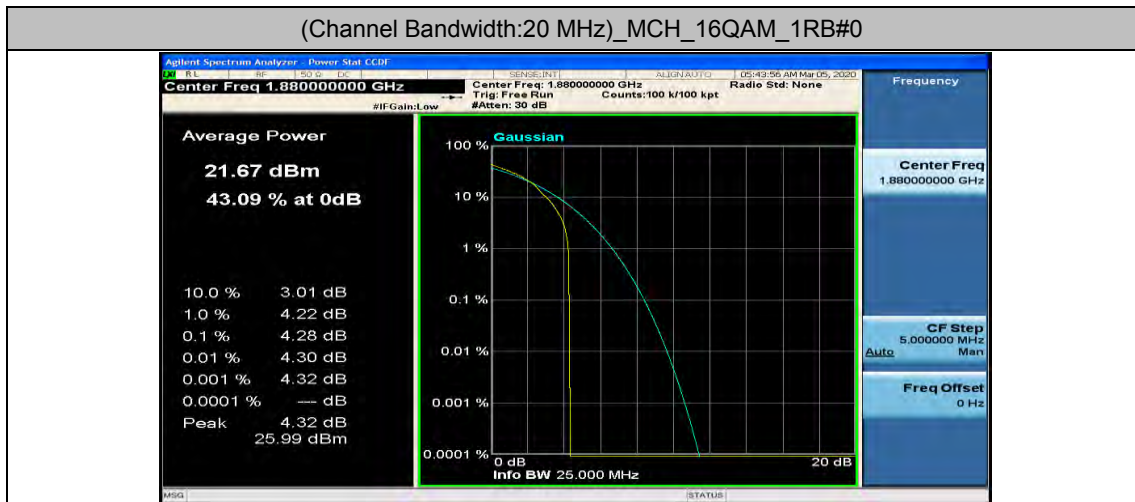
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



(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	1.0763	1.198	PASS
	MCH	6	0	1.0775	1.204	PASS
	HCH	6	0	1.0758	1.205	PASS
16QAM	LCH	6	0	1.0754	1.193	PASS
	MCH	6	0	1.0779	1.203	PASS
	HCH	6	0	1.0760	1.199	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	2.6877	2.910	PASS
	MCH	15	0	2.6890	2.896	PASS
	HCH	15	0	2.6878	2.879	PASS
16QAM	LCH	15	0	2.6854	2.872	PASS
	MCH	15	0	2.6872	2.903	PASS
	HCH	15	0	2.6785	2.869	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	4.805	PASS
	MCH	25	0	4.4724	4.790	PASS
	HCH	25	0	4.4736	4.814	PASS

16QAM	LCH	25	0	4.4873	4.821	PASS
	MCH	25	0	4.4903	4.849	PASS
	HCH	25	0	4.4832	4.834	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	8.9245	9.443	PASS
	MCH	50	0	8.9413	9.426	PASS
	HCH	50	0	8.9449	9.491	PASS
16QAM	LCH	50	0	8.9466	9.436	PASS
	MCH	50	0	8.9520	9.510	PASS
	HCH	50	0	8.9487	9.464	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	13.397	14.14	PASS
	MCH	75	0	13.419	14.03	PASS
	HCH	75	0	13.417	14.15	PASS
16QAM	LCH	75	0	13.389	14.06	PASS
	MCH	75	0	13.408	13.99	PASS
	HCH	75	0	13.405	13.99	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			



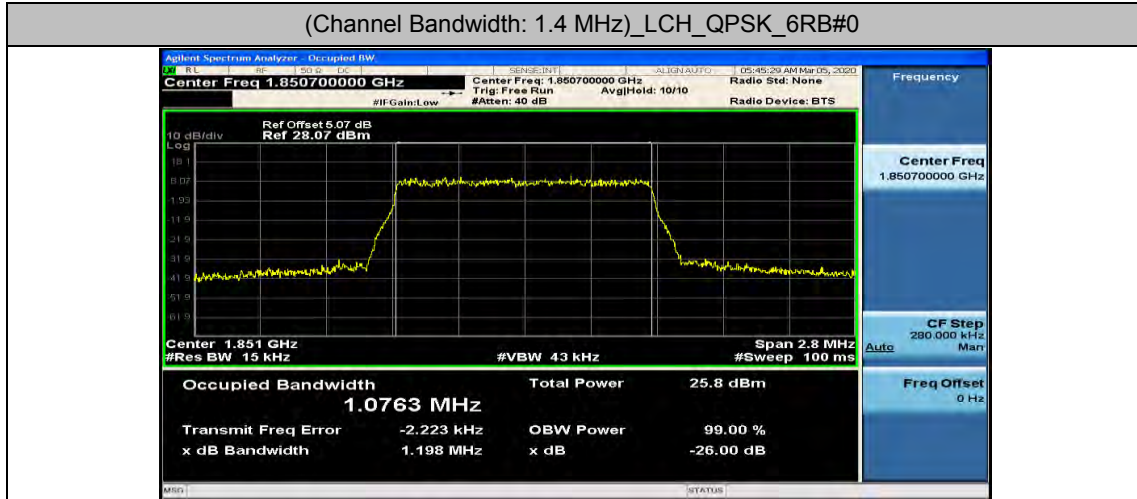
QPSK	LCH	100	0	17.821	18.62	PASS
	MCH	100	0	17.849	18.68	PASS
	HCH	100	0	17.829	18.66	PASS
16QAM	LCH	100	0	17.820	18.59	PASS
	MCH	100	0	17.854	18.63	PASS
	HCH	100	0	17.837	18.68	PASS



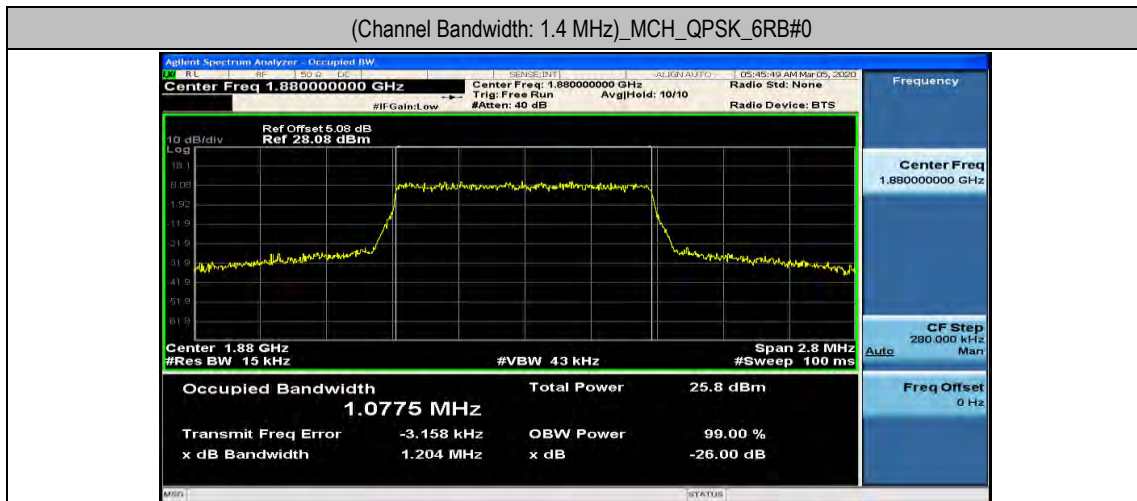
Test Graphs

Channel Bandwidth: 1.4 MHz

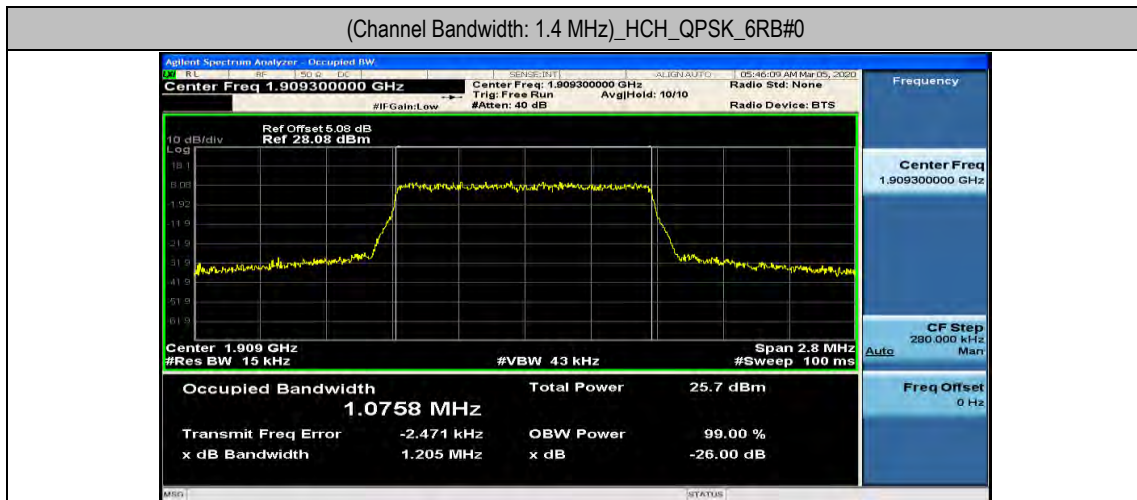
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0

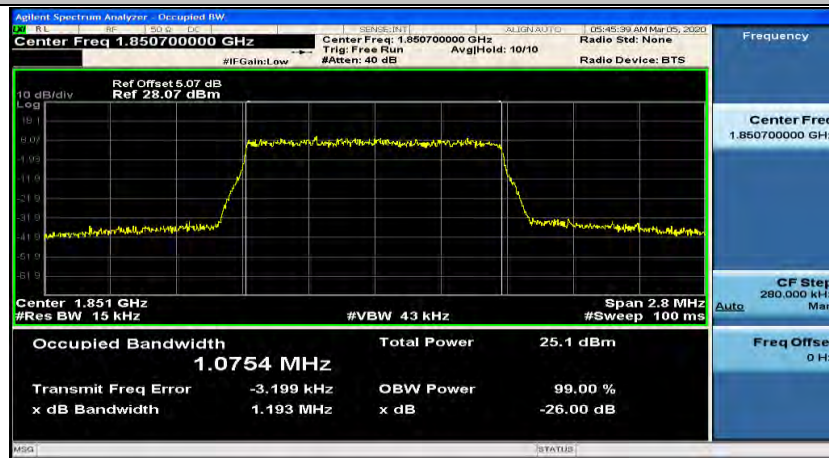


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0

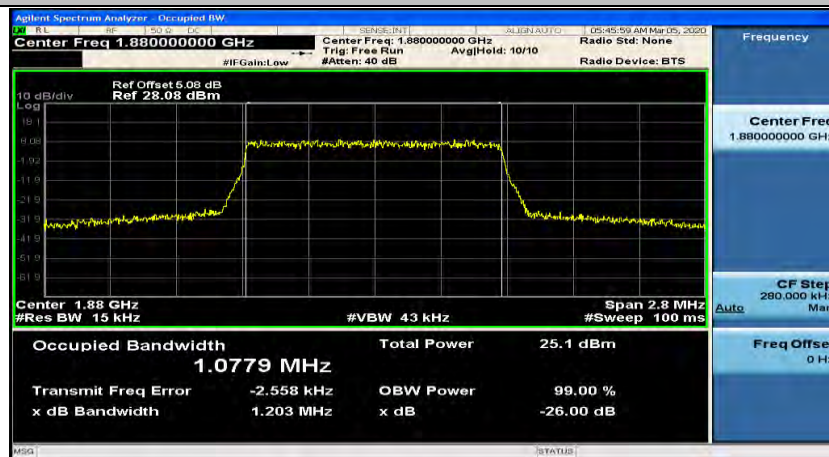




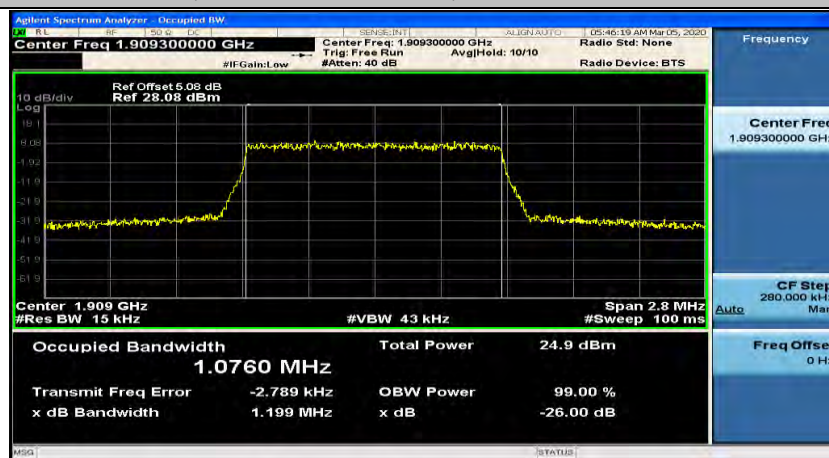
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



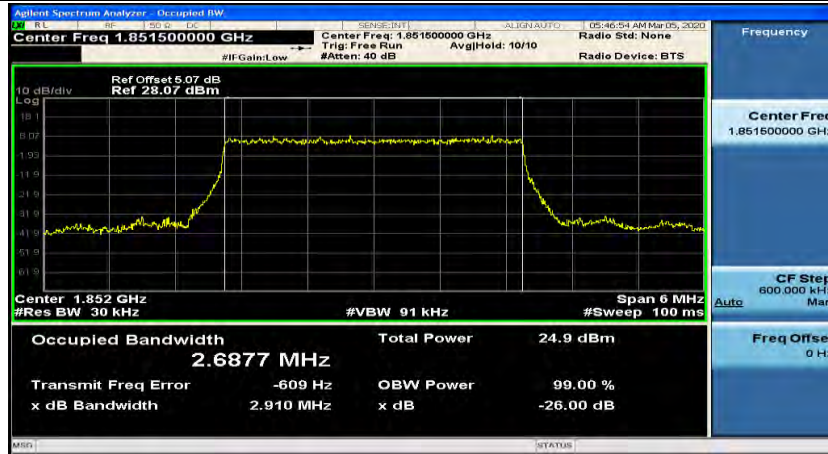
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



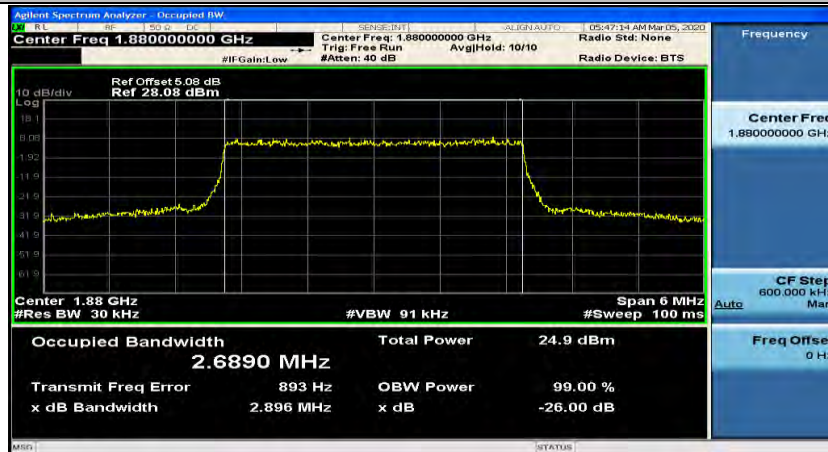


Channel Bandwidth: 3 MHz

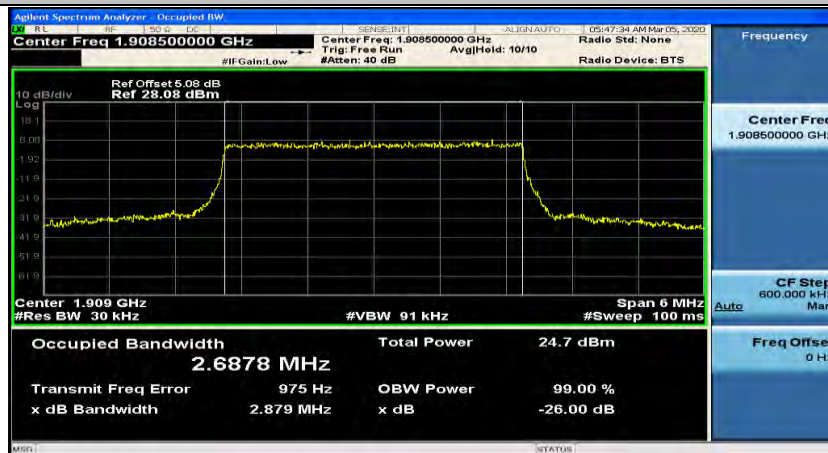
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0

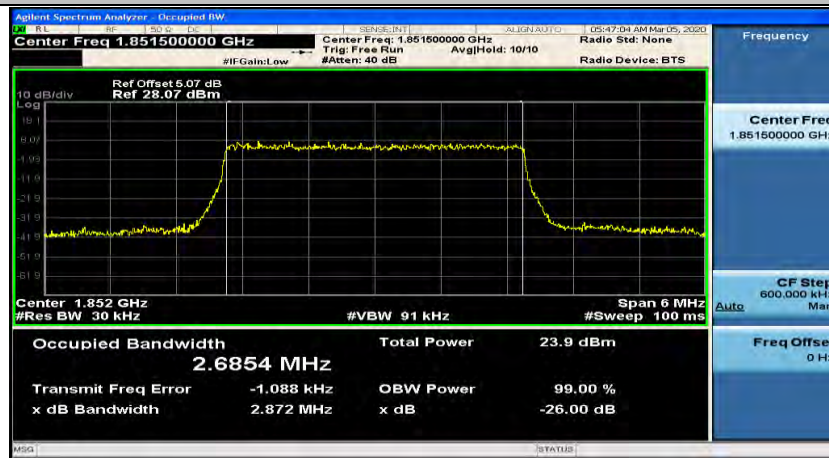


(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0

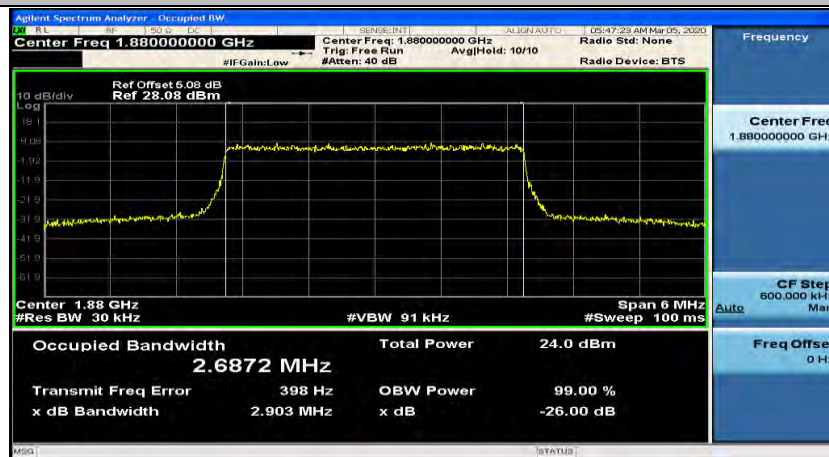




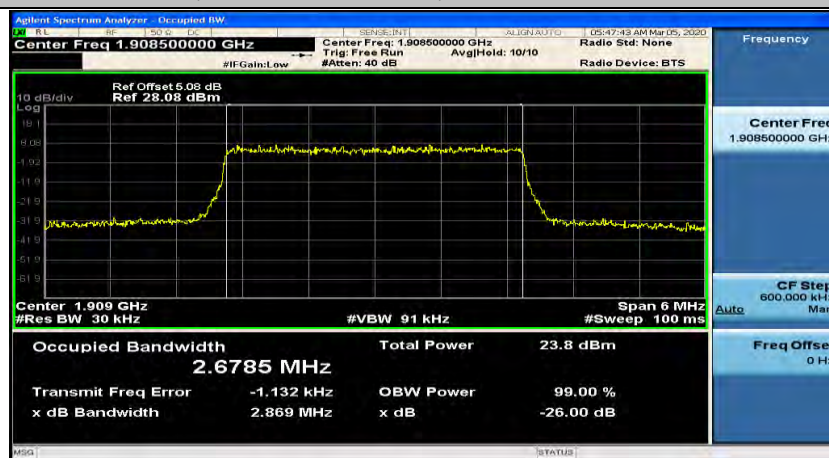
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



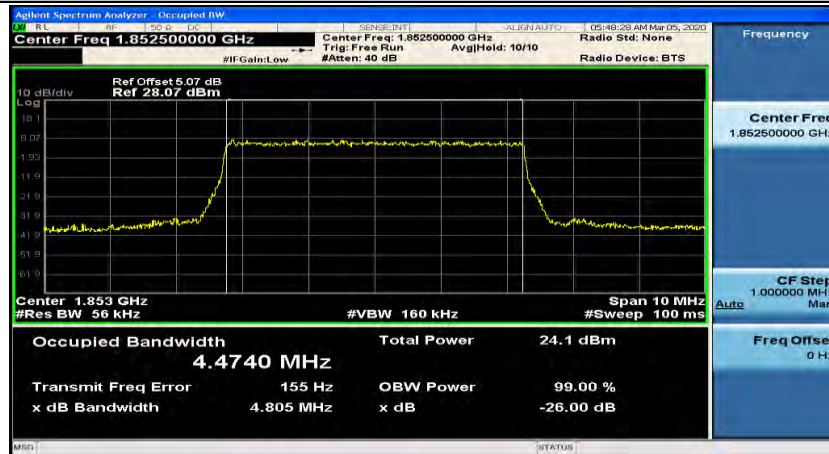
(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



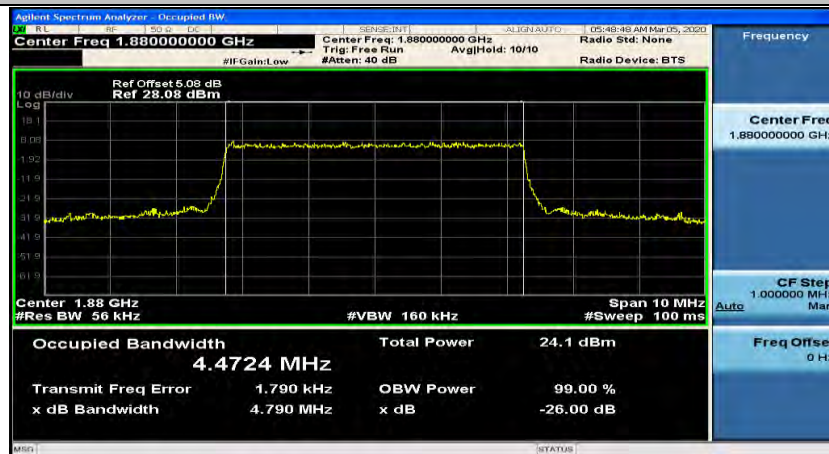


Channel Bandwidth: 5 MHz

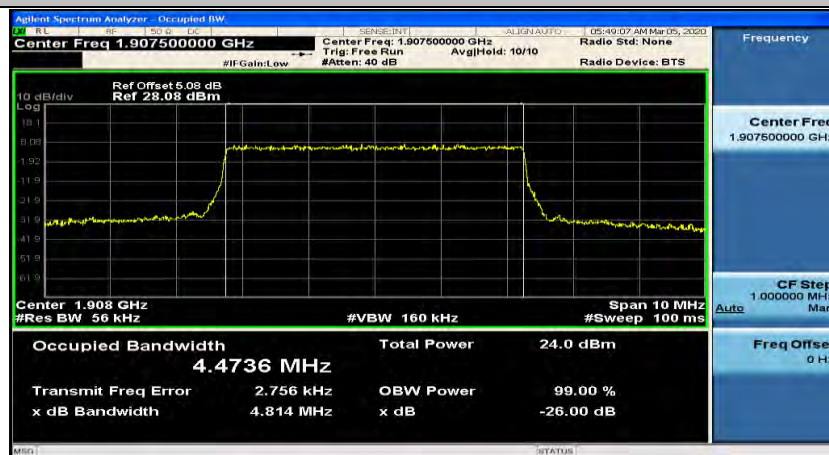
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

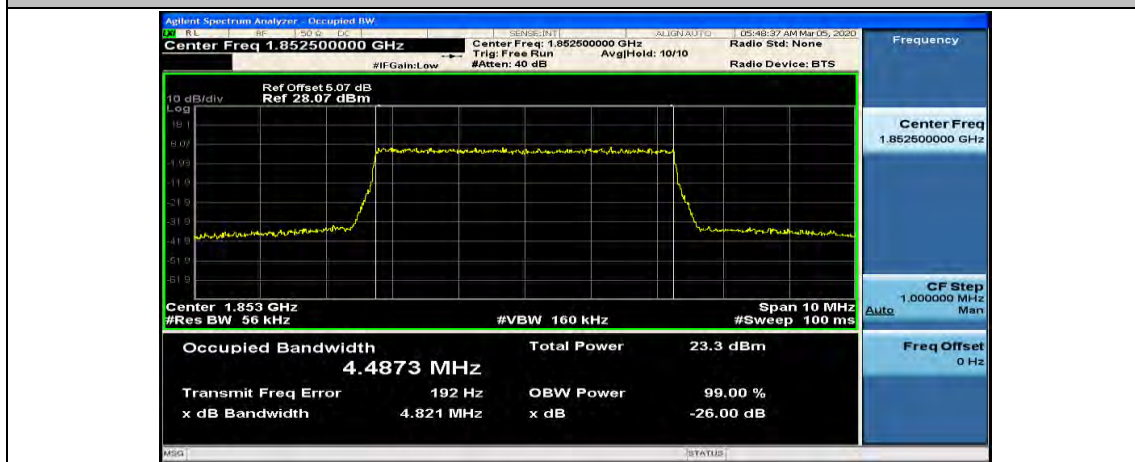


(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

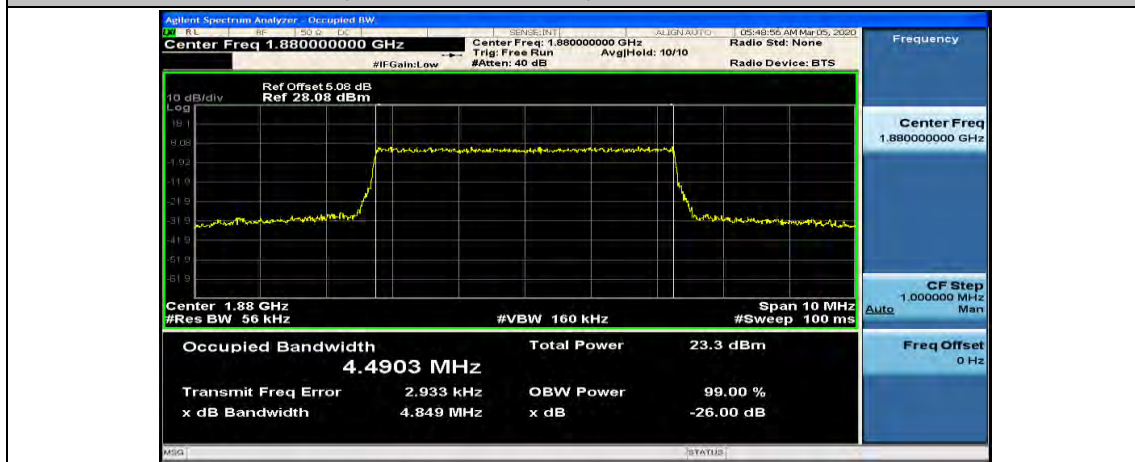




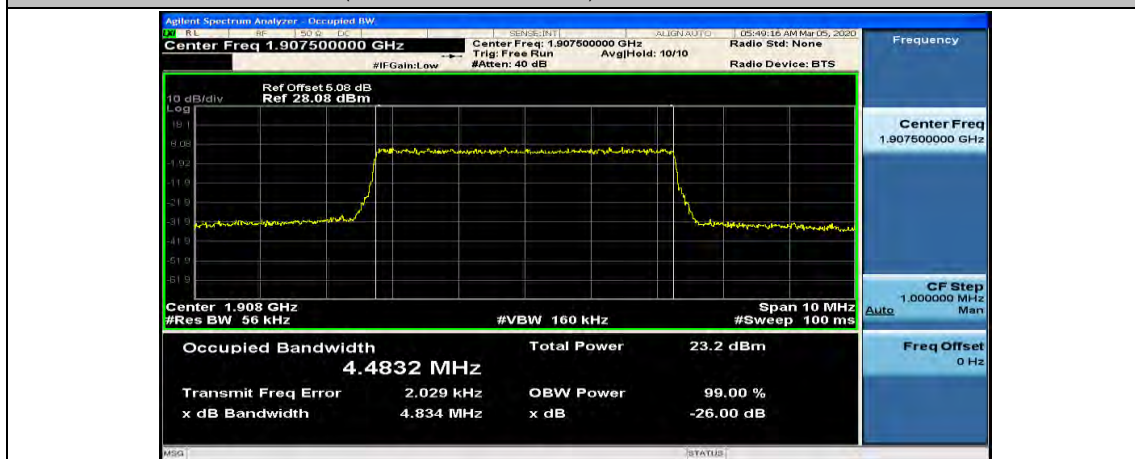
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



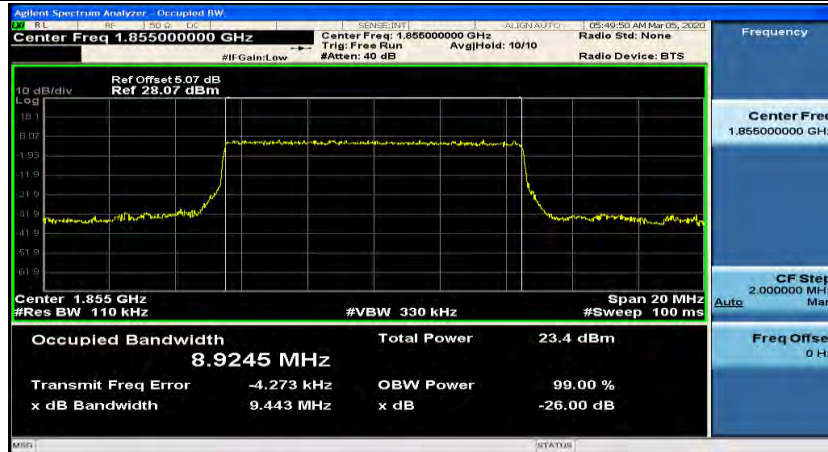
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



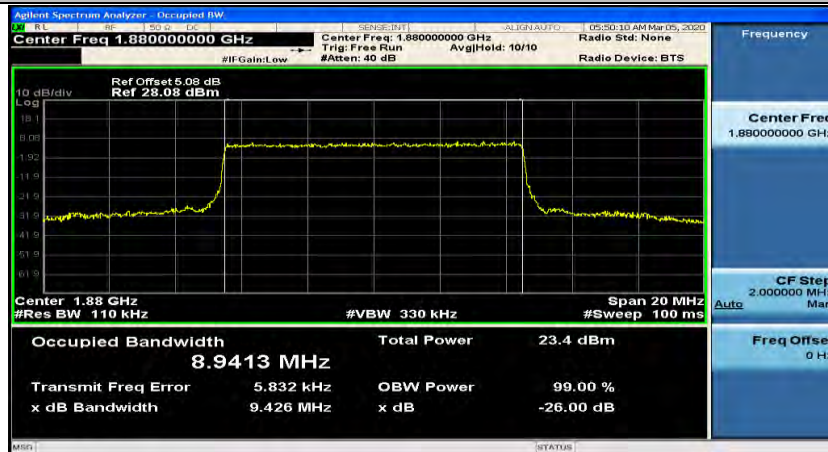


Channel Bandwidth: 10 MHz

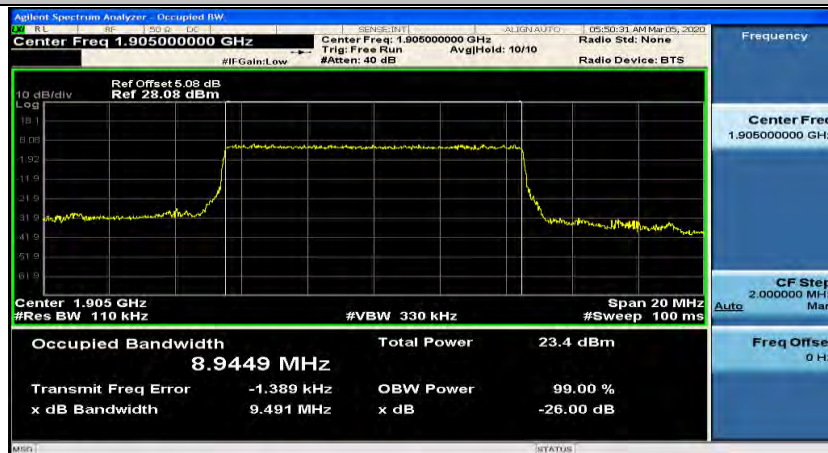
(Channel Bandwidth: 10 MHz)_LCH_QPSK_50RB#0



(Channel Bandwidth: 10 MHz)_MCH_QPSK_50RB#0

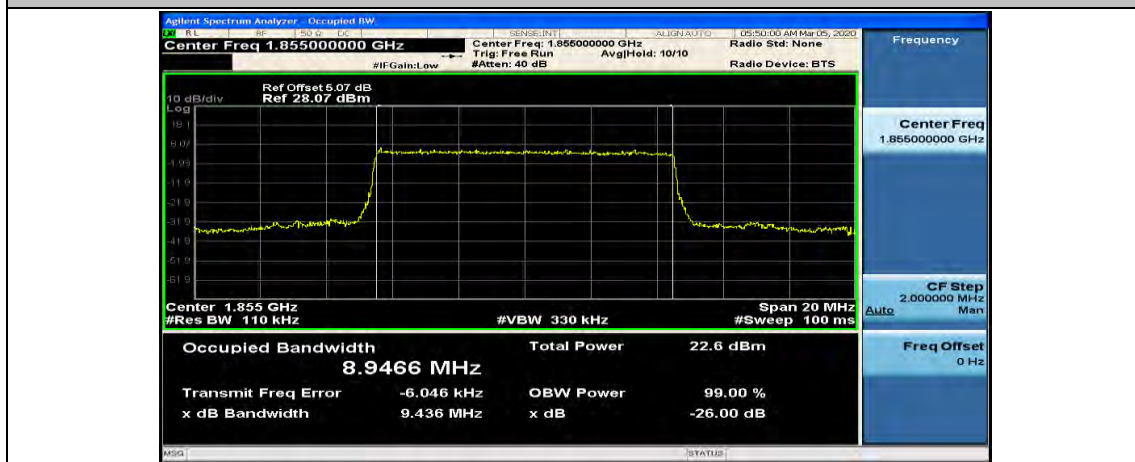


(Channel Bandwidth: 10 MHz)_HCH_QPSK_50RB#0

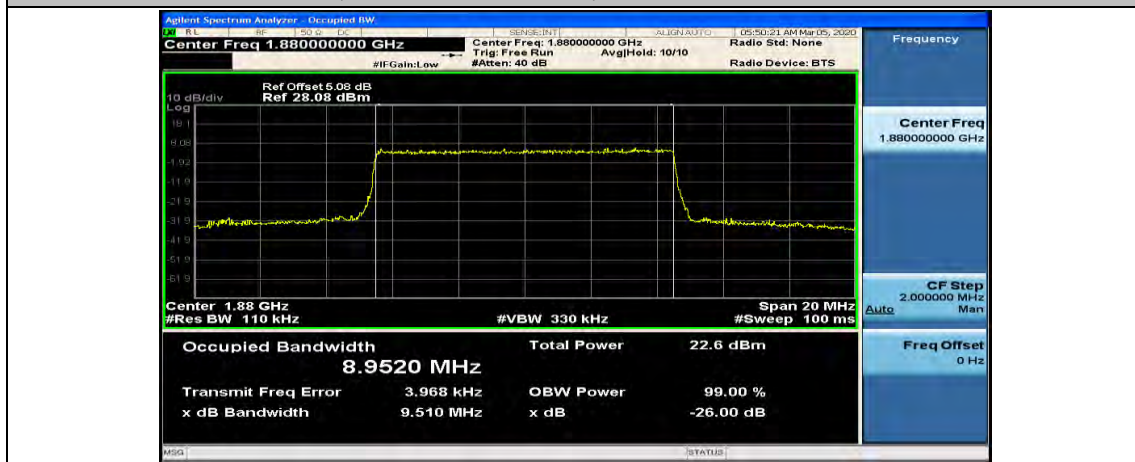




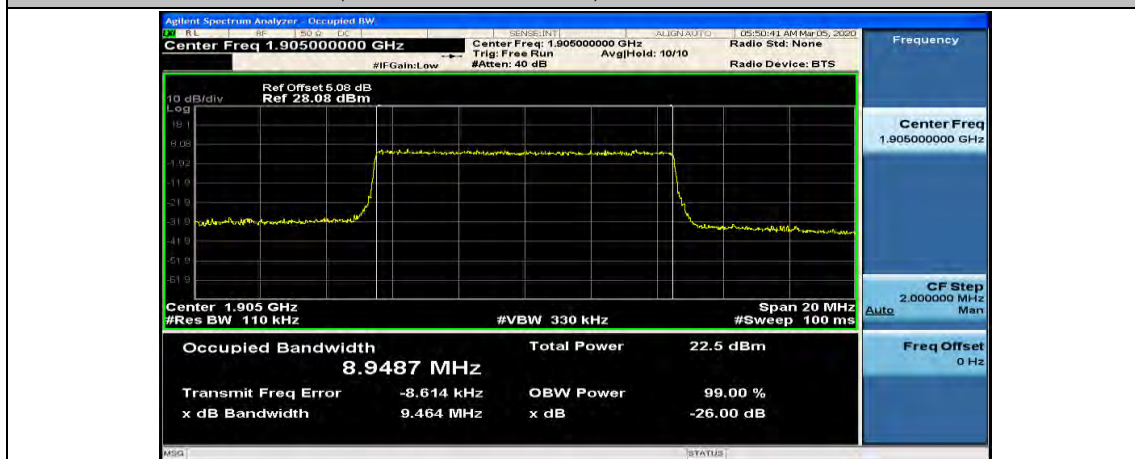
(Channel Bandwidth: 10 MHz)_LCH_16QAM_50RB#0



(Channel Bandwidth: 10 MHz)_MCH_16QAM_50RB#0



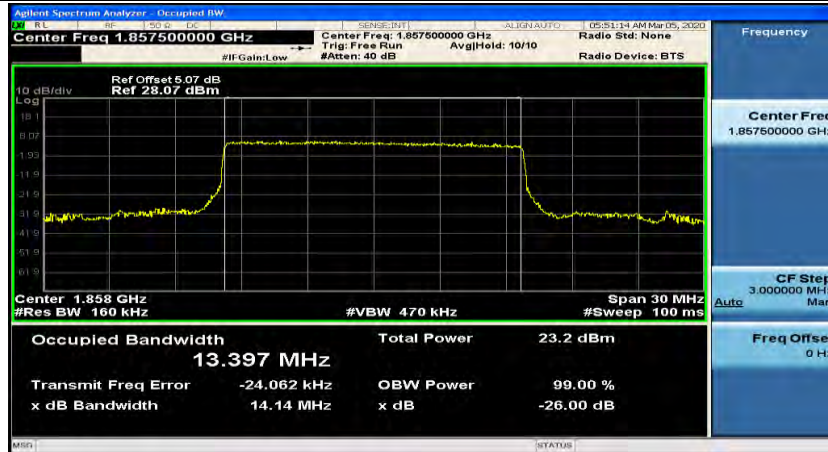
(Channel Bandwidth: 10 MHz)_HCH_16QAM_50RB#0



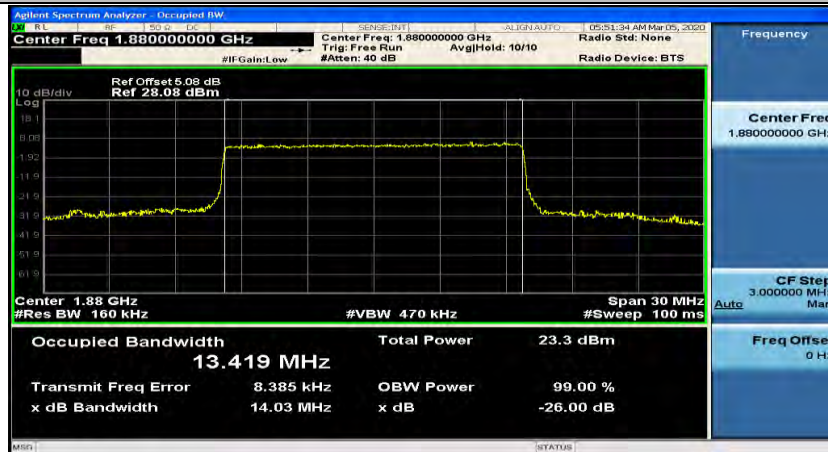


Channel Bandwidth: 15 MHz

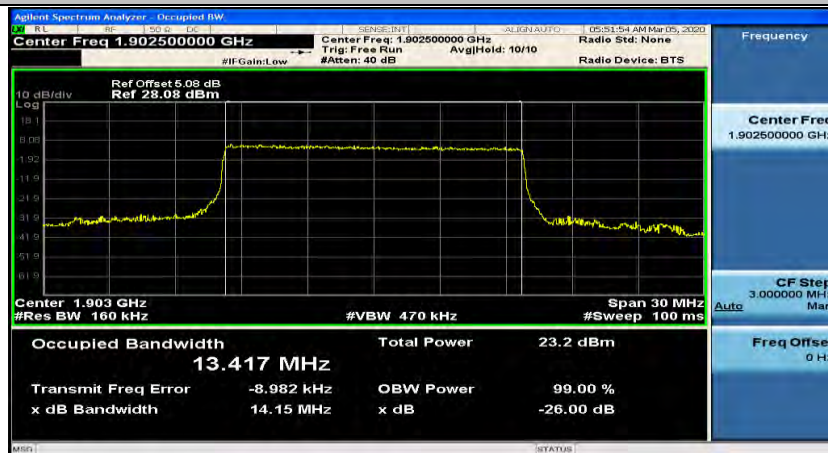
(Channel Bandwidth: 15 MHz)_LCH_QPSK_75RB#0



(Channel Bandwidth: 15 MHz)_MCH_QPSK_75RB#0

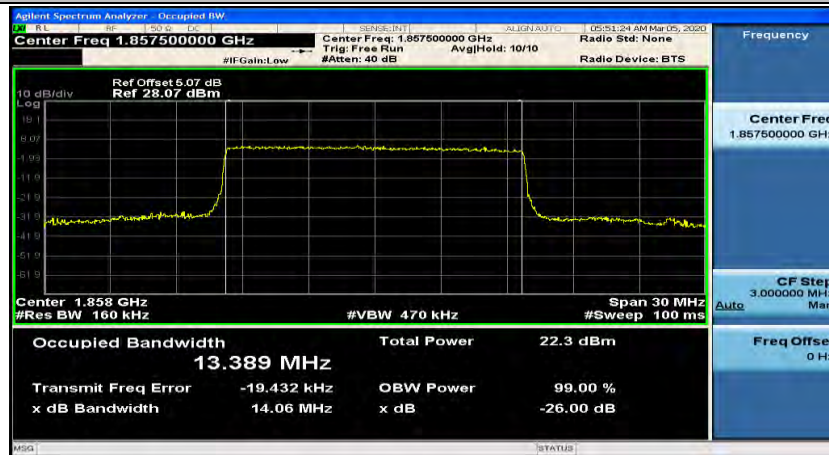


(Channel Bandwidth: 15 MHz)_HCH_QPSK_75RB#0

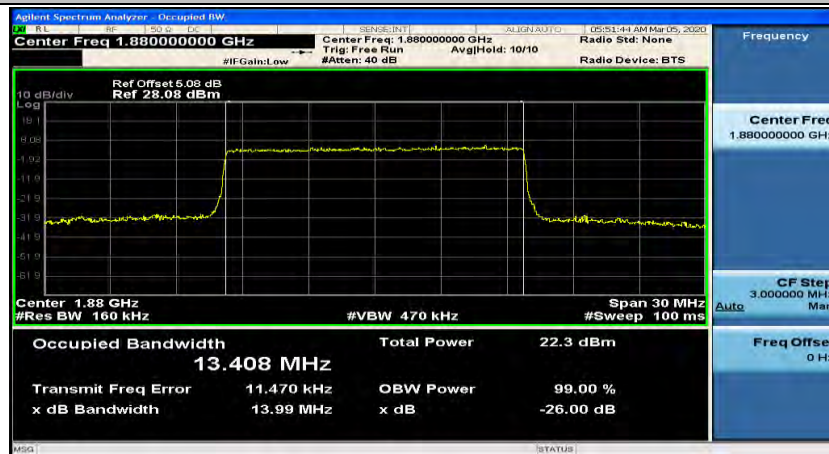




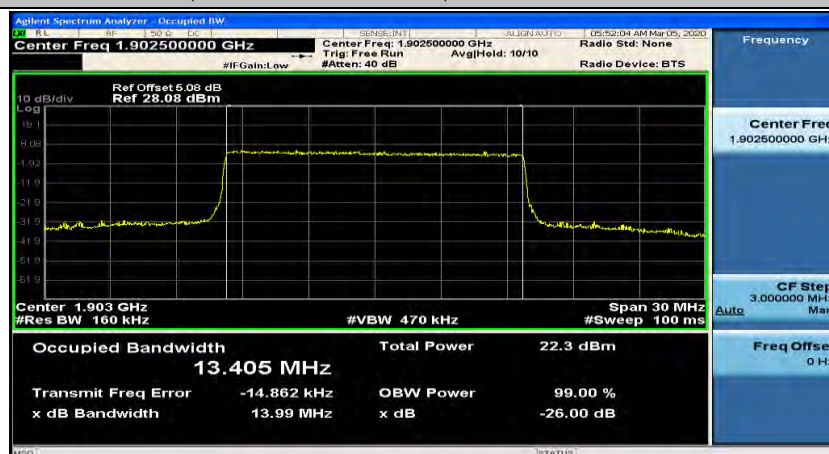
(Channel Bandwidth: 15 MHz)_LCH_16QAM_75RB#0



(Channel Bandwidth: 15 MHz)_MCH_16QAM_75RB#0



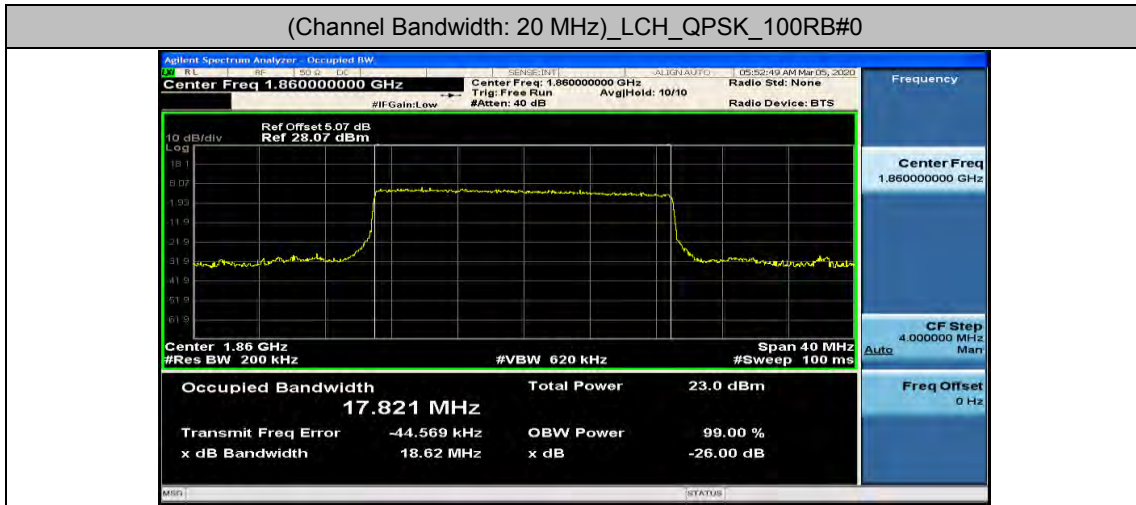
(Channel Bandwidth: 15 MHz)_HCH_16QAM_75RB#0



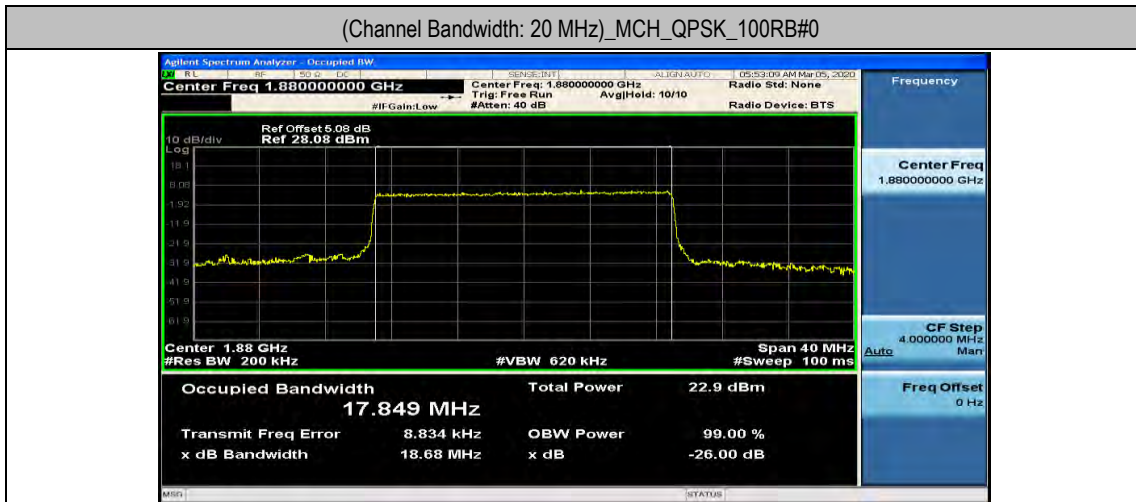


Channel Bandwidth: 20 MHz

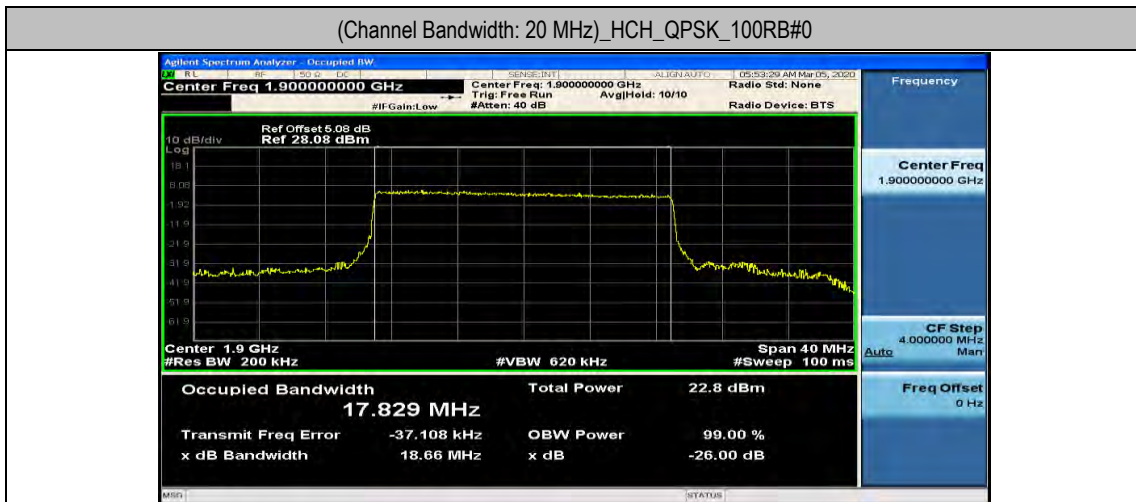
(Channel Bandwidth: 20 MHz)_LCH_QPSK_100RB#0



(Channel Bandwidth: 20 MHz)_MCH_QPSK_100RB#0

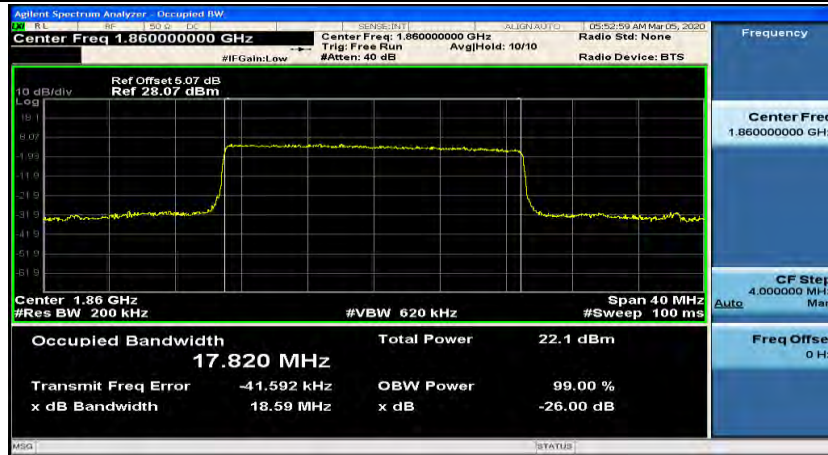


(Channel Bandwidth: 20 MHz)_HCH_QPSK_100RB#0

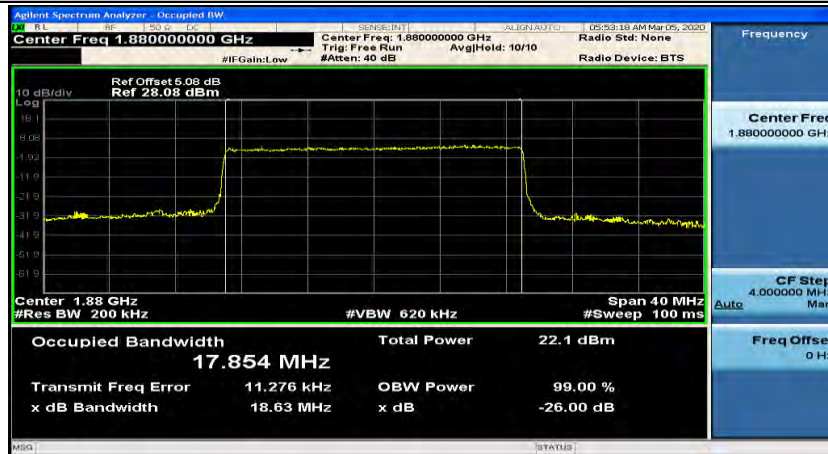




(Channel Bandwidth: 20 MHz)_LCH_16QAM_100RB#0



(Channel Bandwidth: 20 MHz)_MCH_16QAM_100RB#0



(Channel Bandwidth: 20 MHz)_HCH_16QAM_100RB#0

