Appendix A.1: Effective (Isotropic) Radiated Power Output Data

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.42	23.42	PASS
		1	3	23.46	23.46	PASS
		1	5	23.39	23.39	PASS
		3	0	23.52	23.52	PASS
		3	2	23.50	23.50	PASS
		3	3	23.45	23.45	PASS
		6	0	22.36	22.36	PASS
	MCH	1	0	23.47	23.47	PASS
		1	3	23.45	23.45	PASS
		1	5	23.45	23.45	PASS
		3	0	23.51	23.51	PASS
		3	2	23.50	23.50	PASS
		3	3	23.39	23.39	PASS
		6	0	22.51	22.51	PASS
	HCH	1	0	23.85	23.85	PASS
		1	3	23.83	23.83	PASS
		1	5	23.68	23.68	PASS
		3	0	23.85	23.85	PASS
		3	2	23.78	23.78	PASS
		3	3	23.67	23.67	PASS
		6	0	23.01	23.01	PASS
16QAM	LCH	1	0	23.62	23.62	PASS
		1	3	23.57	23.57	PASS
		1	5	23.62	23.62	PASS
		3	0	22.63	22.63	PASS
		3	2	22.69	22.69	PASS
		3	3	22.71	22.71	PASS
		6	0	21.42	21.42	PASS
	MCH	1	0	22.69	22.69	PASS
		1	3	22.68	22.68	PASS
		1	5	22.64	22.64	PASS
		3	0	22.53	22.53	PASS

		3	2	22.48	22.48	PASS
		3	3	22.47	22.47	PASS
		6	0	21.49	21.49	PASS
	HCH	1	0	23.53	23.53	PASS
		1	3	23.57	23.57	PASS
		1	5	23.51	23.51	PASS
		3	0	23.00	23.00	PASS
		3	2	23.01	23.01	PASS
		3	3	23.02	23.02	PASS
		6	0	22.01	22.01	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.38	23.38	PASS
		1	7	23.44	23.44	PASS
		1	14	23.52	23.52	PASS
		8	0	22.48	22.48	PASS
		8	4	22.56	22.56	PASS
		8	7	22.67	22.67	PASS
		15	0	22.45	22.45	PASS
	MCH	1	0	23.48	23.48	PASS
		1	7	23.41	23.41	PASS
		1	14	23.31	23.31	PASS
		8	0	22.56	22.56	PASS
		8	4	22.51	22.51	PASS
		8	7	22.39	22.39	PASS
		15	0	22.38	22.38	PASS
	HCH	1	0	23.81	23.81	PASS
		1	7	23.94	23.94	PASS
		1	14	23.52	23.52	PASS
		8	0	22.88	22.88	PASS
		8	4	22.97	22.97	PASS
		8	7	22.97	22.97	PASS
		15	0	22.90	22.90	PASS
16QAM	LCH	1	0	23.54	23.54	PASS
		1	7	23.43	23.43	PASS
		1	14	23.53	23.53	PASS
		8	0	21.48	21.48	PASS
		8	4	21.49	21.49	PASS

		8	7	21.57	21.57	PASS
		15	0	21.66	21.66	PASS
	MCH	1	0	23.07	23.07	PASS
		1	7	22.94	22.94	PASS
		1	14	22.88	22.88	PASS
		8	0	21.62	21.62	PASS
		8	4	21.58	21.58	PASS
		8	7	21.55	21.55	PASS
		15	0	21.58	21.58	PASS
	HCH	1	0	23.64	23.64	PASS
		1	7	23.67	23.67	PASS
		1	14	23.58	23.58	PASS
		8	0	21.95	21.95	PASS
		8	4	22.03	22.03	PASS
		8	7	22.06	22.06	PASS
		15	0	21.96	21.96	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.46	23.46	PASS
		1	12	23.54	23.54	PASS
		1	24	23.65	23.65	PASS
		12	0	22.47	22.47	PASS
		12	6	22.62	22.62	PASS
		12	13	22.67	22.67	PASS
		25	0	22.58	22.58	PASS
	MCH	1	0	23.56	23.56	PASS
		1	12	23.41	23.41	PASS
		1	24	23.22	23.22	PASS
		12	0	22.50	22.50	PASS
		12	6	22.51	22.51	PASS
		12	13	22.35	22.35	PASS
		25	0	22.47	22.47	PASS
	HCH	1	0	23.64	23.64	PASS
		1	12	23.82	23.82	PASS
		1	24	23.46	23.46	PASS
		12	0	22.76	22.76	PASS
		12	6	22.87	22.87	PASS
		12	13	22.87	22.87	PASS
		25	0	22.77	22.77	PASS

16QAM	LCH	1	0	23.09	23.09	PASS
		1	12	23.26	23.26	PASS
		1	24	23.37	23.37	PASS
		12	0	21.62	21.62	PASS
		12	6	21.78	21.78	PASS
		12	13	21.81	21.81	PASS
		25	0	21.76	21.76	PASS
	MCH	1	0	23.25	23.25	PASS
		1	12	23.11	23.11	PASS
		1	24	22.96	22.96	PASS
		12	0	21.70	21.70	PASS
		12	6	21.64	21.64	PASS
		12	13	21.48	21.48	PASS
		25	0	21.58	21.58	PASS
	HCH	1	0	22.09	22.09	PASS
		1	12	22.39	22.39	PASS
		1	24	22.40	22.40	PASS
		12	0	21.92	21.92	PASS
		12	6	22.04	22.04	PASS
		12	13	22.11	22.11	PASS
		25	0	22.06	22.06	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.40	23.40	PASS
		1	24	23.70	23.70	PASS
		1	49	23.84	23.84	PASS
		25	0	22.62	22.62	PASS
		25	12	22.78	22.78	PASS
		25	25	22.90	22.90	PASS
		50	0	22.77	22.77	PASS
	MCH	1	0	23.57	23.57	PASS
		1	24	23.30	23.30	PASS
		1	49	23.00	23.00	PASS
		25	0	22.64	22.64	PASS
		25	12	22.43	22.43	PASS
		25	25	22.24	22.24	PASS
		50	0	22.43	22.43	PASS
	HCH	1	0	23.33	23.33	PASS
		1	24	23.63	23.63	PASS

		1	49	23.90	23.90	PASS
		25	0	22.53	22.53	PASS
		25	12	22.76	22.76	PASS
		25	25	22.89	22.89	PASS
		50	0	22.56	22.56	PASS
16QAM	LCH	1	0	23.55	23.55	PASS
		1	24	23.78	23.78	PASS
		1	49	23.96	23.96	PASS
		25	0	21.69	21.69	PASS
		25	12	21.79	21.79	PASS
		25	25	21.94	21.94	PASS
		50	0	21.87	21.87	PASS
	MCH	1	0	23.72	23.72	PASS
		1	24	23.34	23.34	PASS
		1	49	23.07	23.07	PASS
		25	0	21.74	21.74	PASS
		25	12	21.54	21.54	PASS
		25	25	21.38	21.38	PASS
		50	0	21.56	21.56	PASS
	HCH	1	0	23.04	23.04	PASS
		1	24	23.52	23.52	PASS
		1	49	23.59	23.59	PASS
		25	0	21.67	21.67	PASS
		25	12	21.86	21.86	PASS
		25	25	22.01	22.01	PASS
		50	0	21.75	21.75	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.41	23.41	PASS
		1	37	23.76	23.76	PASS
		1	74	23.91	23.91	PASS
		37	0	22.65	22.65	PASS
		37	18	22.87	22.87	PASS
		37	38	23.05	23.05	PASS
		75	0	22.76	22.76	PASS
	MCH	1	0	23.78	23.78	PASS
		1	37	23.26	23.26	PASS
		1	74	22.91	22.91	PASS
		37	0	22.65	22.65	PASS

		37	18	22.55	22.55	PASS
		37	38	22.11	22.11	PASS
		75	0	22.41	22.41	PASS
	HCH	1	0	23.02	23.02	PASS
		1	37	23.78	23.78	PASS
		1	74	23.55	23.55	PASS
		37	0	22.25	22.25	PASS
		37	18	22.44	22.44	PASS
		37	38	22.69	22.69	PASS
		75	0	22.50	22.50	PASS
16QAM	LCH	1	0	23.54	23.54	PASS
		1	37	23.88	23.88	PASS
		1	74	24.02	24.02	PASS
		37	0	21.73	21.73	PASS
		37	18	21.92	21.92	PASS
		37	38	22.12	22.12	PASS
		75	0	21.95	21.95	PASS
	MCH	1	0	23.82	23.82	PASS
		1	37	23.40	23.40	PASS
		1	74	22.91	22.91	PASS
		37	0	21.80	21.80	PASS
		37	18	21.57	21.57	PASS
		37	38	21.26	21.26	PASS
		75	0	21.63	21.63	PASS
	HCH	1	0	22.91	22.91	PASS
		1	37	23.47	23.47	PASS
		1	74	23.64	23.64	PASS
		37	0	21.45	21.45	PASS
		37	18	21.63	21.63	PASS
		37	38	21.90	21.90	PASS
		75	0	21.64	21.64	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.58	23.58	PASS
		1	49	24.12	24.12	PASS
		1	99	24.25	24.25	PASS
		50	0	22.69	22.69	PASS
		50	25	22.97	22.97	PASS
		50	50	23.16	23.16	PASS

		100	0	22.99	22.99	PASS
	MCH	1	0	24.14	24.14	PASS
		1	49	23.59	23.59	PASS
		1	99	22.98	22.98	PASS
		50	0	22.75	22.75	PASS
		50	25	22.52	22.52	PASS
		50	50	22.16	22.16	PASS
		100	0	22.39	22.39	PASS
	HCH	1	0	23.22	23.22	PASS
		1	49	23.60	23.60	PASS
		1	99	24.15	24.15	PASS
		50	0	22.13	22.13	PASS
		50	25	22.32	22.32	PASS
		50	50	22.56	22.56	PASS
		100	0	22.40	22.40	PASS
16QAM	LCH	1	0	22.56	22.56	PASS
		1	49	23.12	23.12	PASS
		1	99	23.20	23.20	PASS
		50	0	21.91	21.91	PASS
		50	25	22.04	22.04	PASS
		50	50	22.18	22.18	PASS
		100	0	21.99	21.99	PASS
	MCH	1	0	22.48	22.48	PASS
		1	49	21.93	21.93	PASS
		1	99	21.40	21.40	PASS
		50	0	21.81	21.81	PASS
		50	25	21.51	21.51	PASS
		50	50	21.18	21.18	PASS
		100	0	21.61	21.61	PASS
	HCH	1	0	21.76	21.76	PASS
		1	49	22.32	22.32	PASS
		1	99	22.76	22.76	PASS
		50	0	21.16	21.16	PASS
		50	25	21.44	21.44	PASS
		50	50	21.68	21.68	PASS
		100	0	21.58	21.58	PASS

Appendix A.2: 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	4.49	<13	PASS
		6	0	5.31	<13	PASS
	MCH	1	0	4.2	<13	PASS
		6	0	5.15	<13	PASS
	HCH	1	0	2.99	<13	PASS
		6	0	4.15	<13	PASS
16QAM	LCH	1	0	4.59	<13	PASS
		6	0	6.13	<13	PASS
	MCH	1	0	5.16	<13	PASS
		6	0	6.03	<13	PASS
	HCH	1	0	3.46	<13	PASS
		6	0	4.96	<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	4.38	<13	PASS
		15	0	5.38	<13	PASS
	MCH	1	0	4.12	<13	PASS
		15	0	5.27	<13	PASS
	HCH	1	0	3.03	<13	PASS
		15	0	4.65	<13	PASS
16QAM	LCH	1	0	4.67	<13	PASS
		15	0	6.24	<13	PASS
	MCH	1	0	4.84	<13	PASS
		15	0	6.22	<13	PASS
	HCH	1	0	3.57	<13	PASS
		15	0	5.36	<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	4.24	<13	PASS
		25	0	5.29	<13	PASS
	MCH	1	0	3.98	<13	PASS
		25	0	5.22	<13	PASS
	HCH	1	0	3.24	<13	PASS
		25	0	4.64	<13	PASS
16QAM	LCH	1	0	4.9	<13	PASS
		25	0	6.07	<13	PASS
	MCH	1	0	4.69	<13	PASS
		25	0	6.02	<13	PASS
	HCH	1	0	4.3	<13	PASS
		25	0	5.4	<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	4.39	<13	PASS
		50	0	5.31	<13	PASS
	MCH	1	0	4.06	<13	PASS
		50	0	5.3	<13	PASS
	HCH	1	0	2.32	<13	PASS
		50	0	4.68	<13	PASS
16QAM	LCH	1	0	4.53	<13	PASS
		50	0	6.02	<13	PASS
	MCH	1	0	4.16	<13	PASS
		50	0	6.01	<13	PASS
	HCH	1	0	3.07	<13	PASS
		50	0	5.41	<13	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	3.21	<13	PASS
		75	0	4.98	<13	PASS
	MCH	1	0	4.23	<13	PASS
		75	0	4.92	<13	PASS
	HCH	1	0	3.69	<13	PASS
		75	0	4.83	<13	PASS
16QAM	LCH	1	0	5.39	<13	PASS
		75	0	6.15	<13	PASS
	MCH	1	0	1.56	<13	PASS
		75	0	6.15	<13	PASS
	HCH	1	0	5.32	<13	PASS
		75	0	5.89	<13	PASS

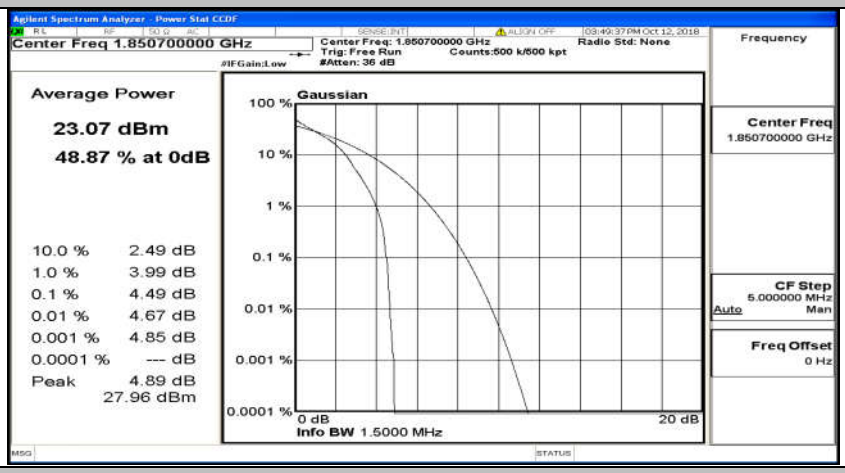
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	5.36	<13	PASS
		100	0	5.73	<13	PASS
	MCH	1	0	5.21	<13	PASS
		100	0	5.72	<13	PASS
	HCH	1	0	2.69	<13	PASS
		100	0	5.78	<13	PASS
16QAM	LCH	1	0	2.69	<13	PASS
		100	0	6.71	<13	PASS
	MCH	1	0	2.69	<13	PASS
		100	0	6.75	<13	PASS
	HCH	1	0	2.98	<13	PASS
		100	0	6.48	<13	PASS

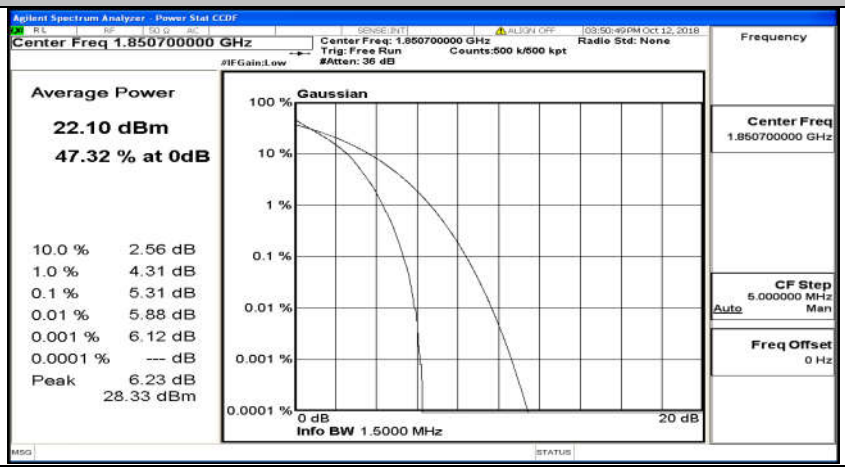
Test Graphs

Channel Bandwidth: 1.4 MHz

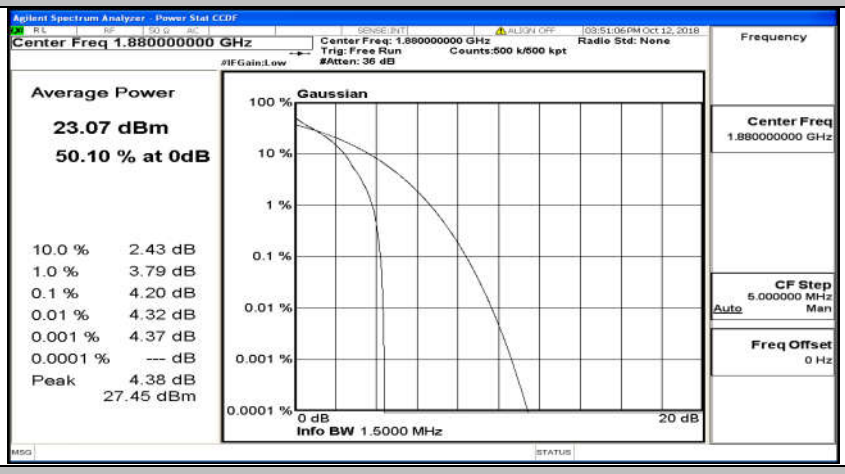
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



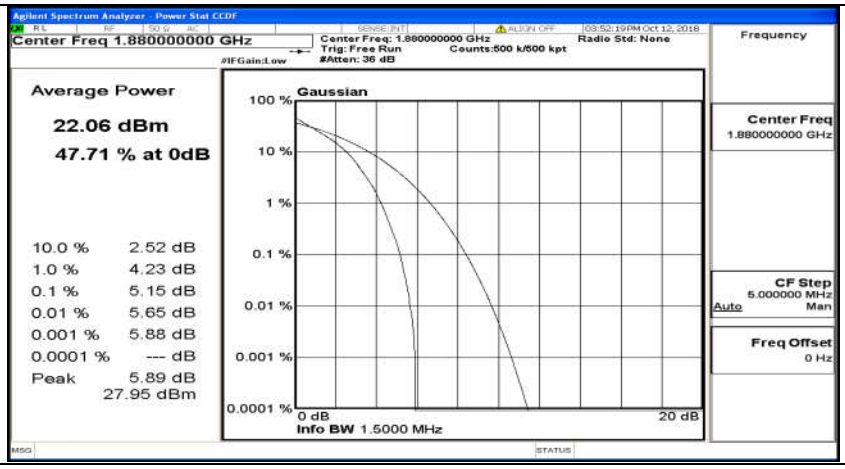
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



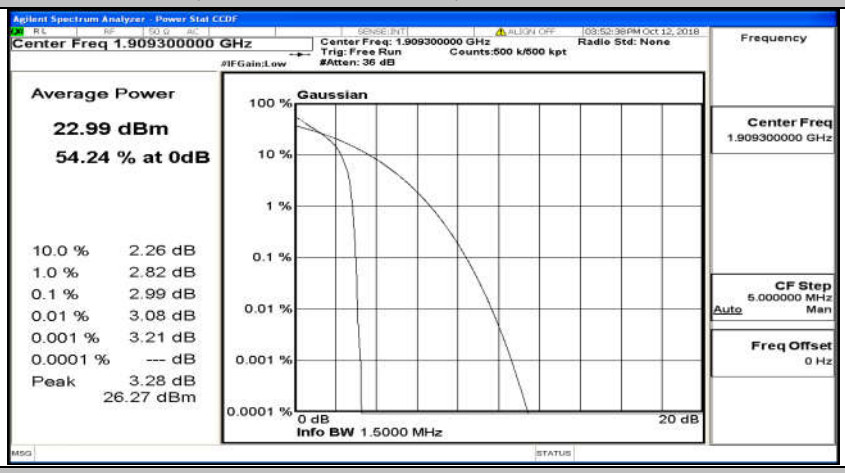
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



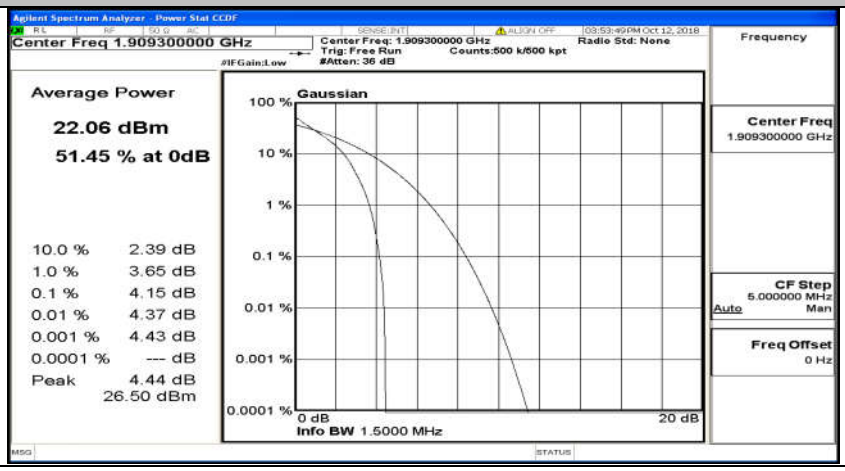
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



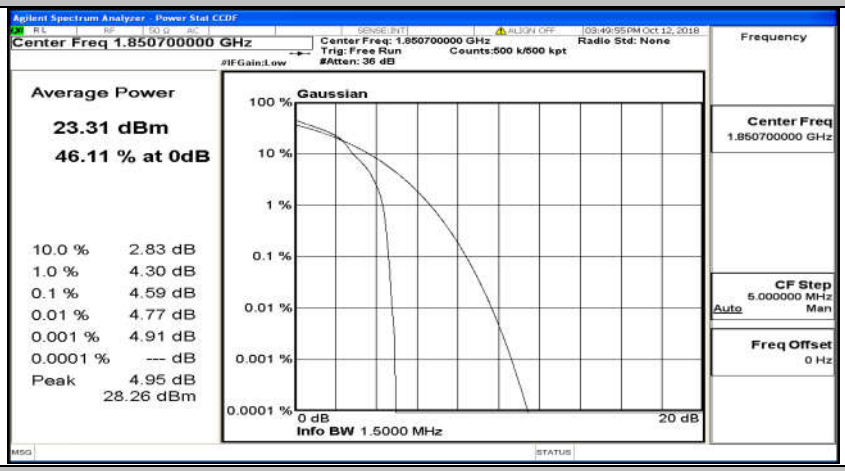
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



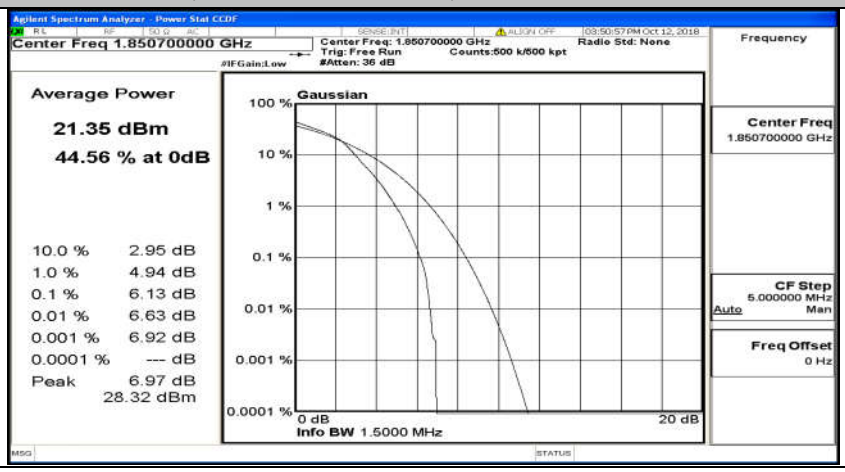
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



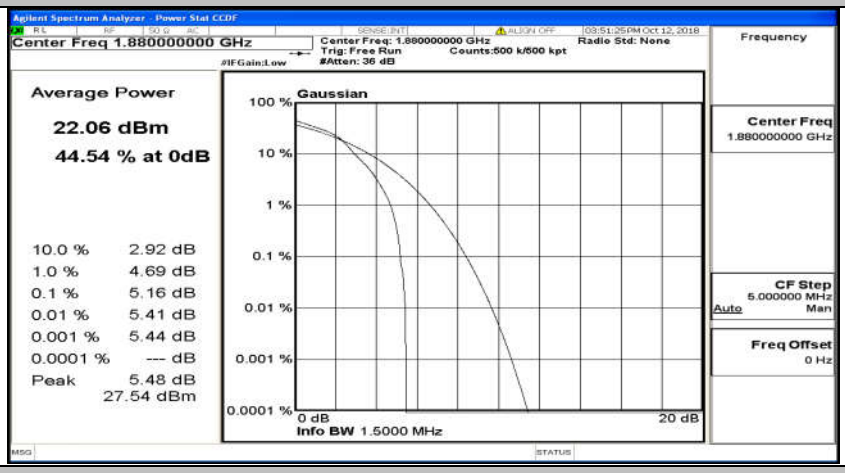
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



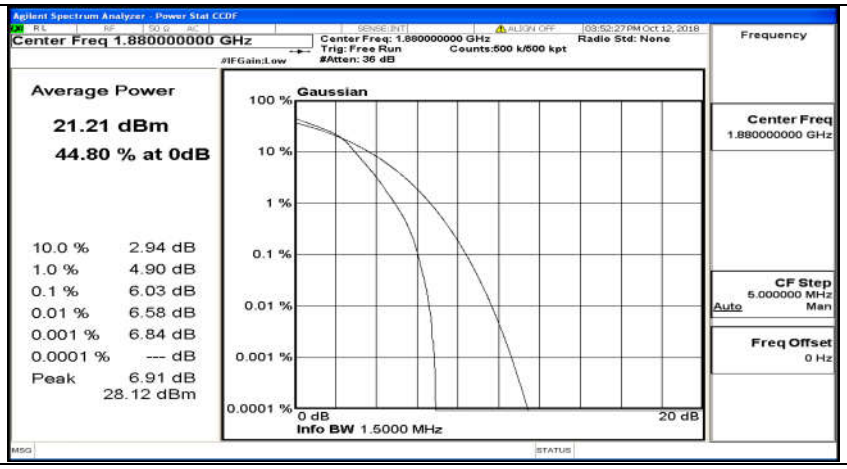
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



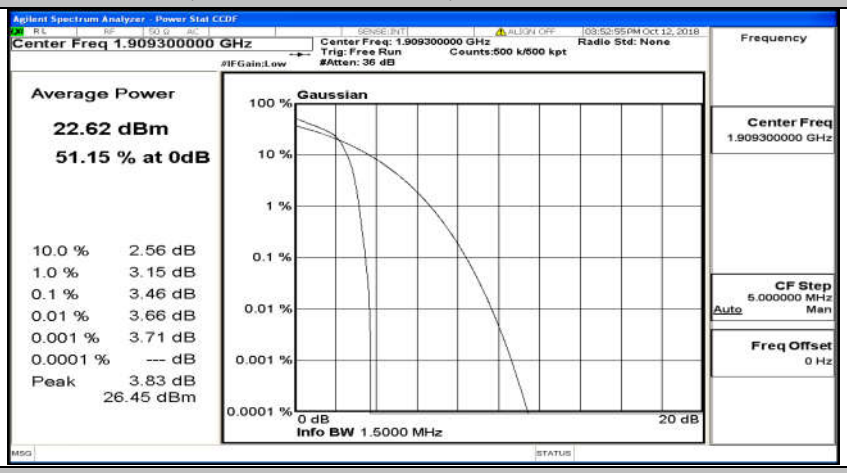
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



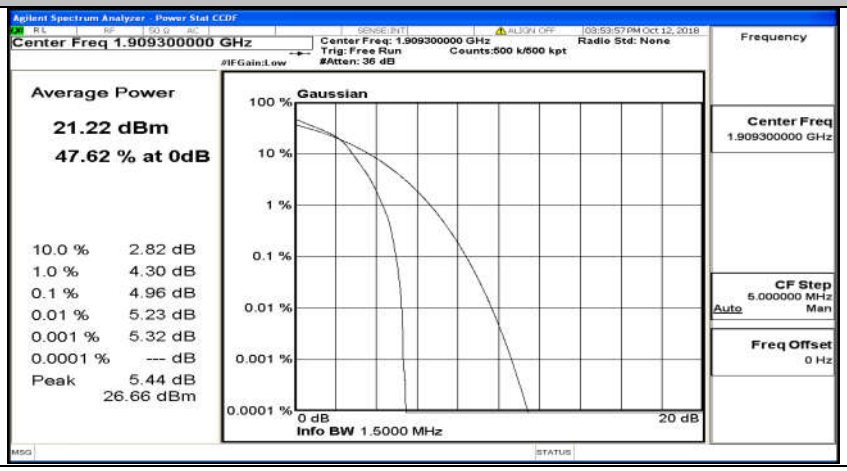
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0

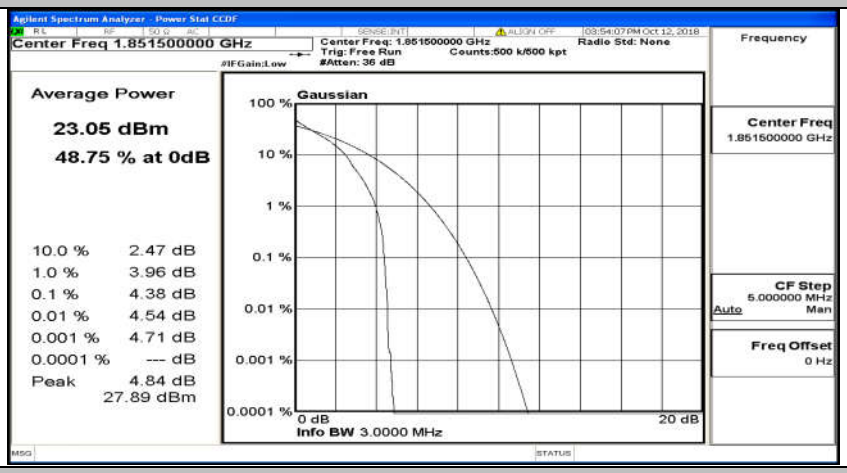


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

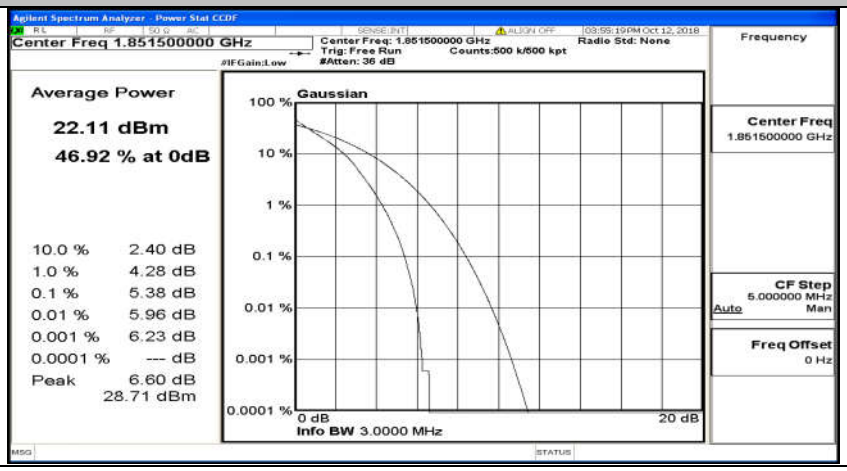


Channel Bandwidth: 3 MHz

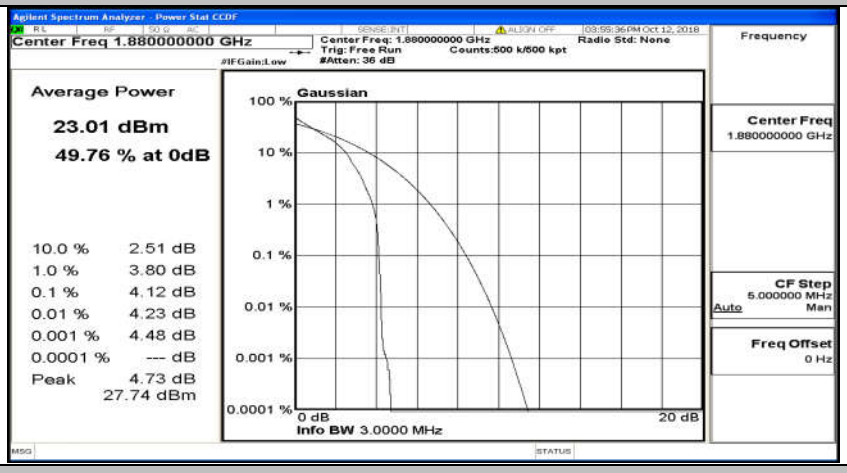
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



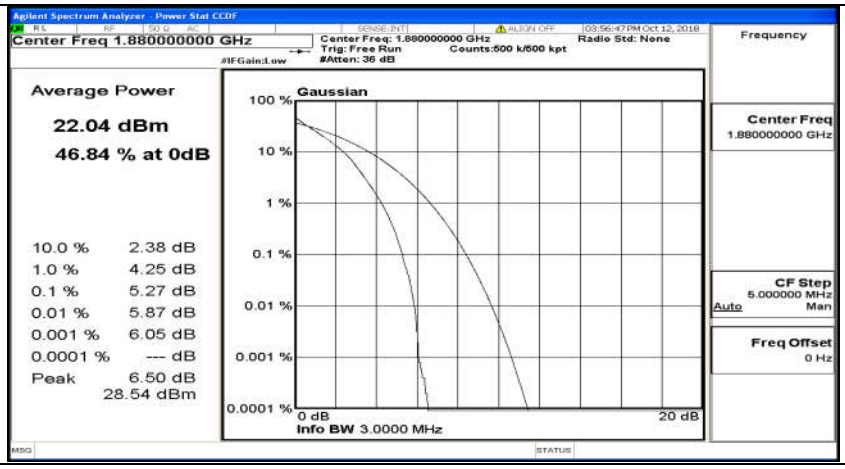
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



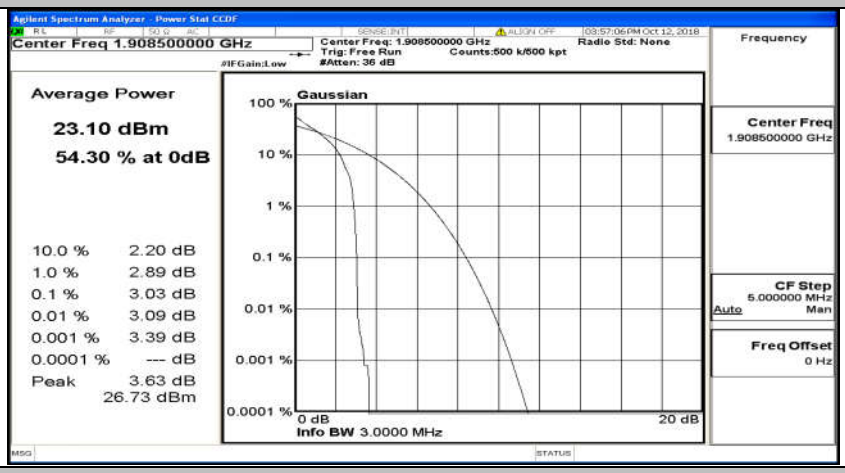
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



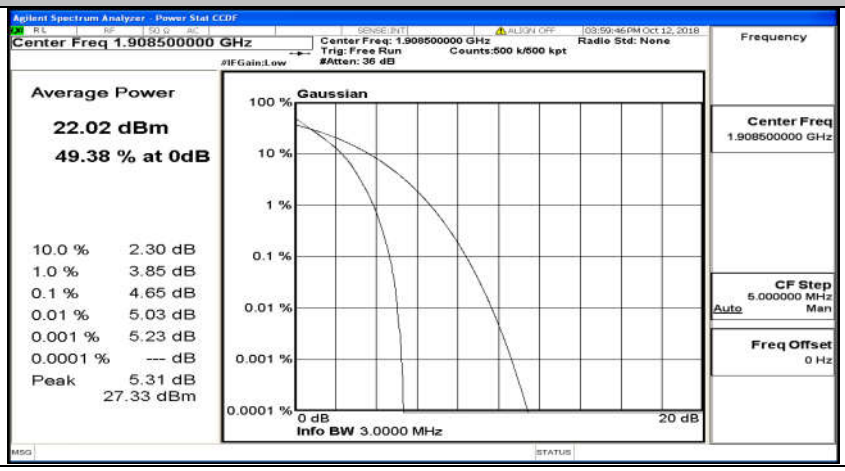
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



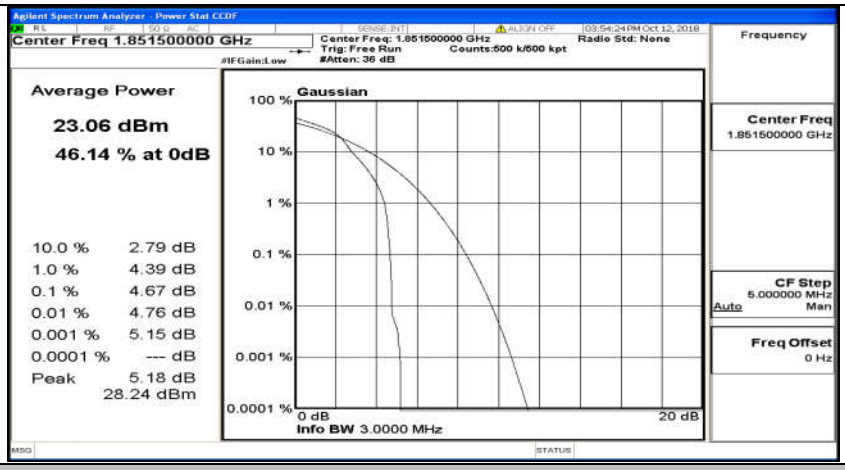
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



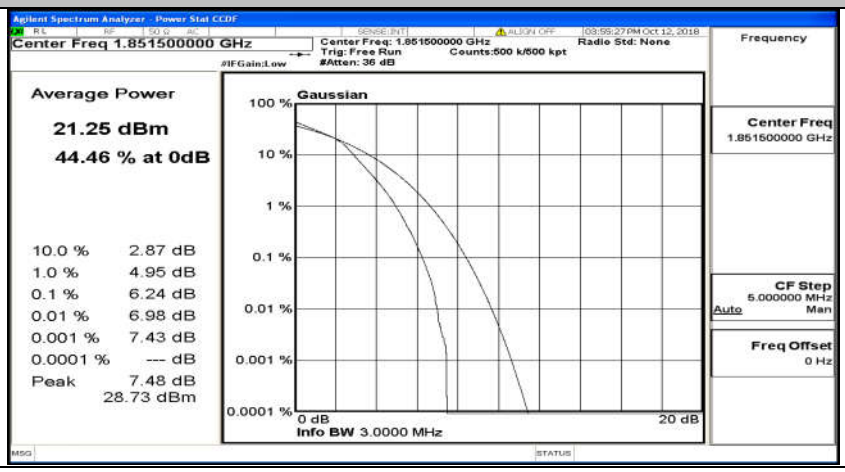
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



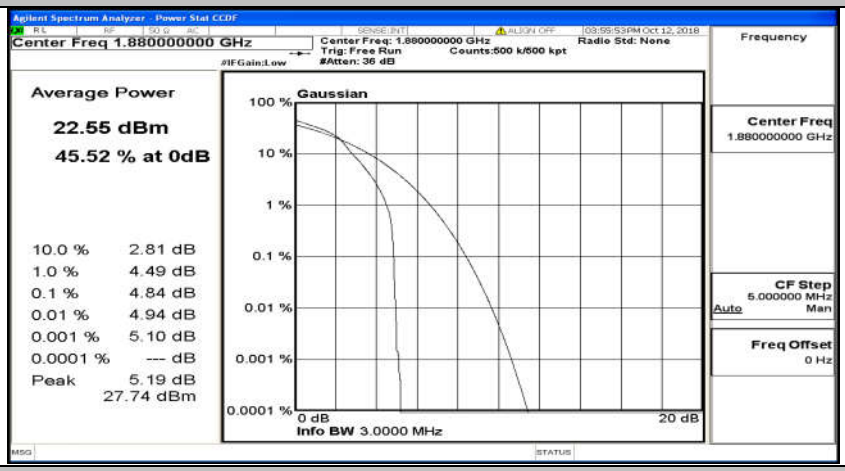
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



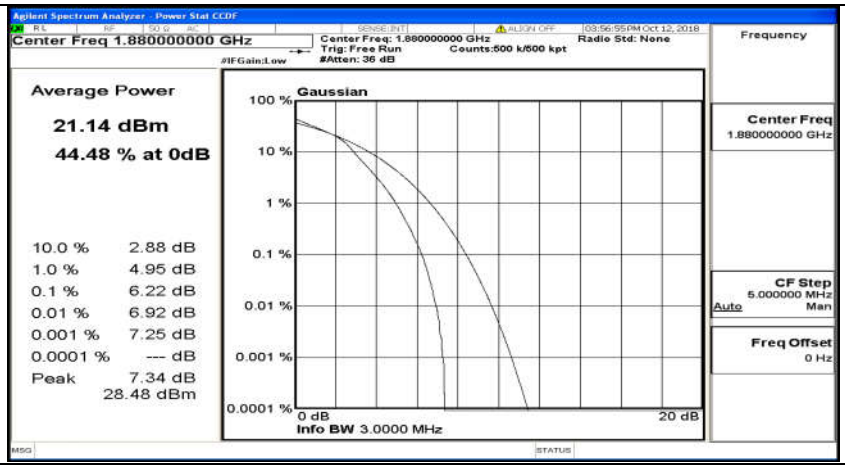
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



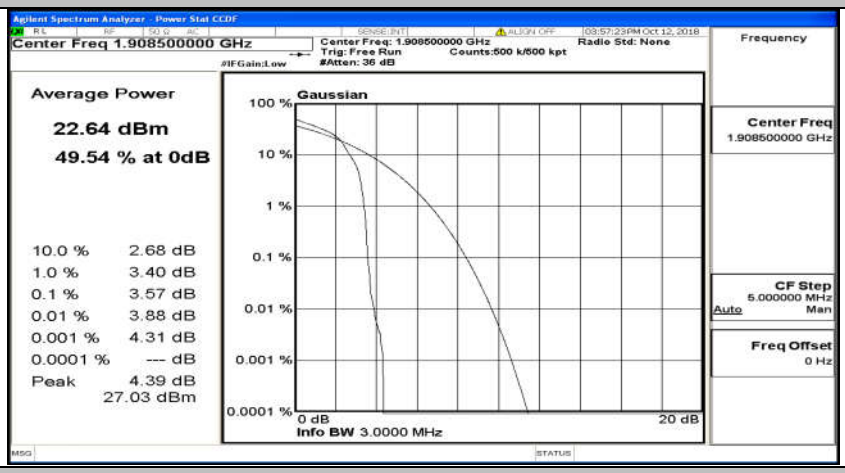
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



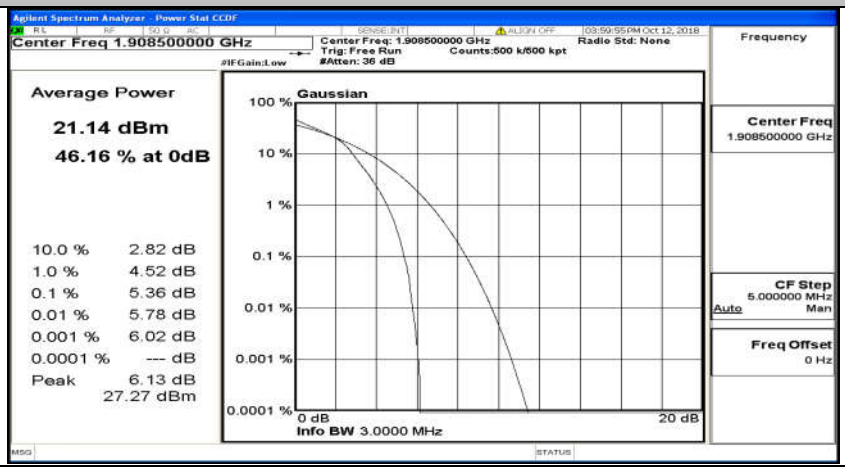
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0

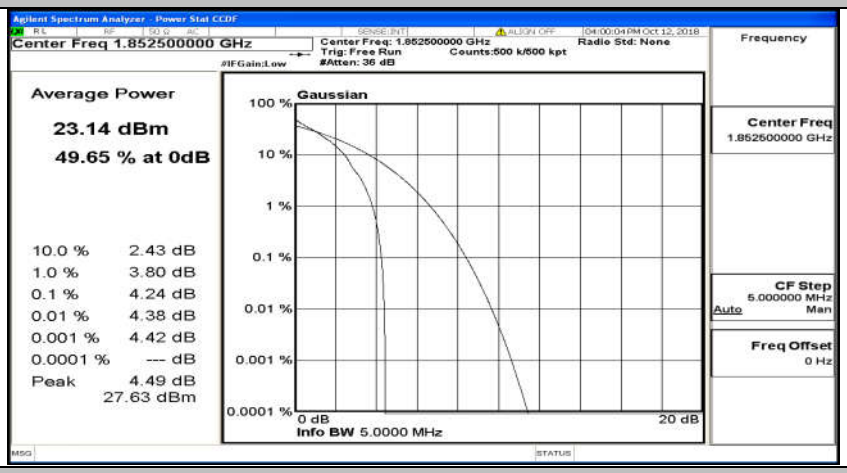


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

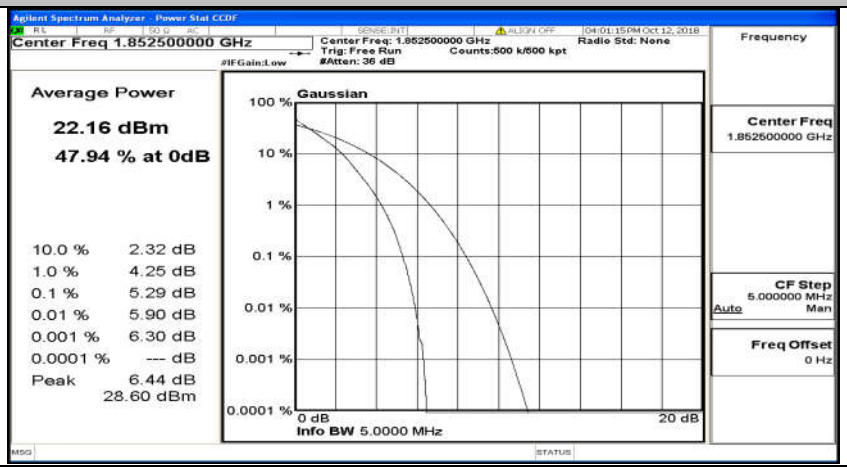


Channel Bandwidth: 5 MHz

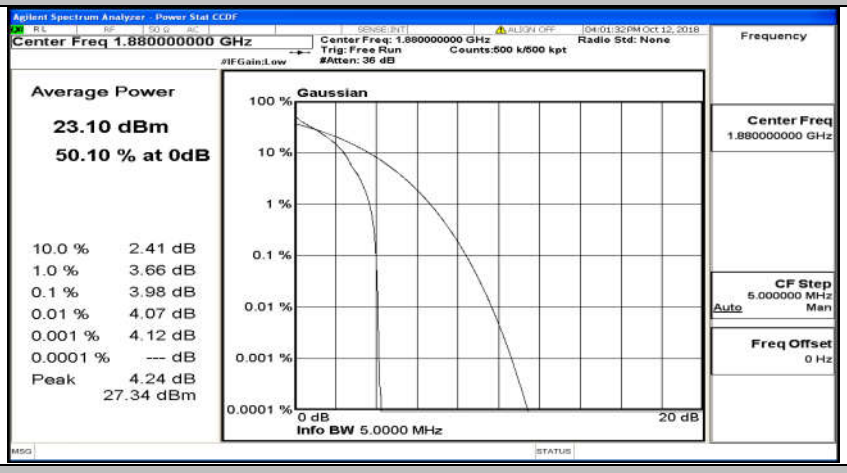
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



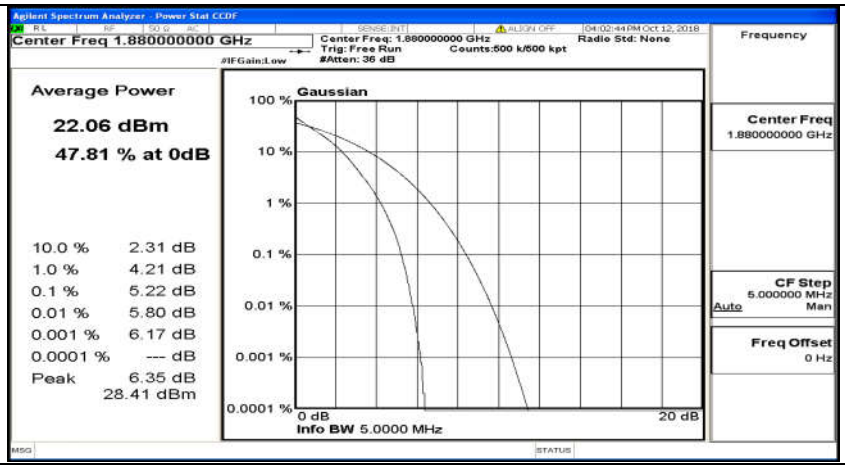
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



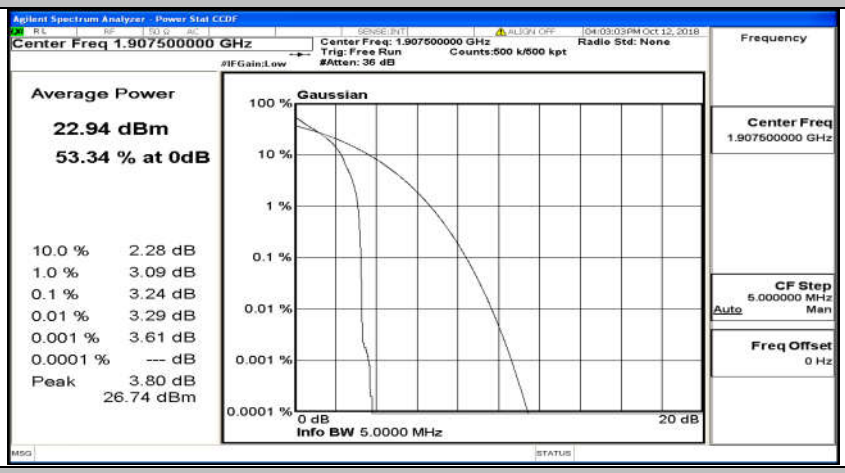
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



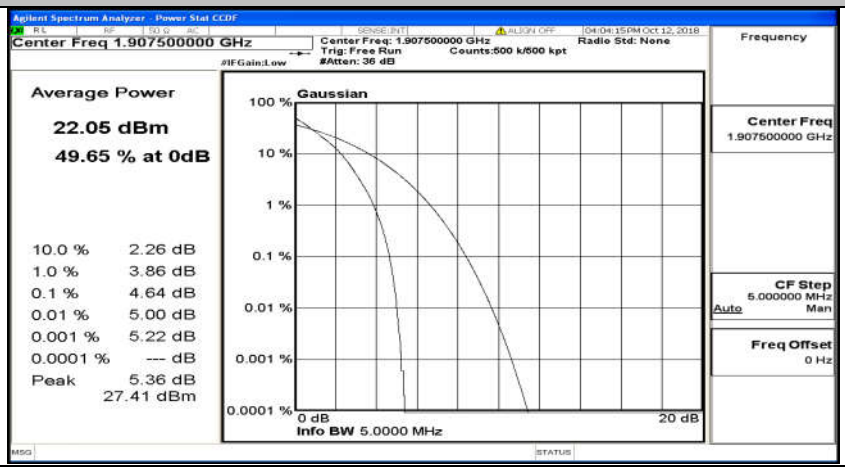
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



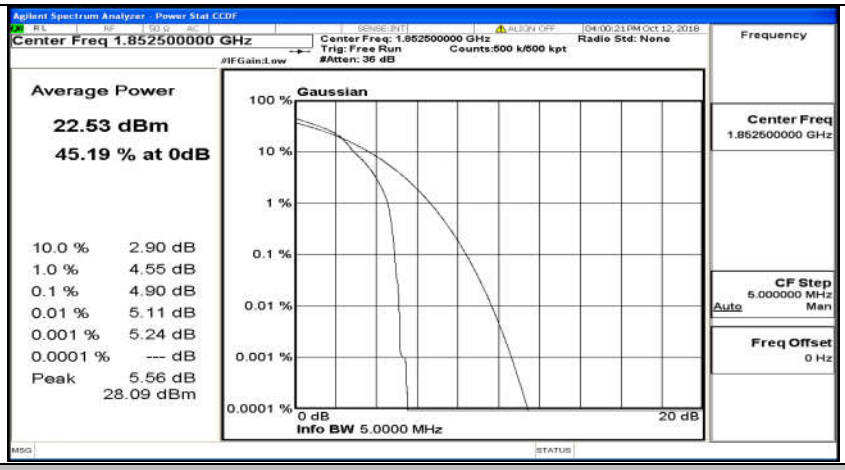
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



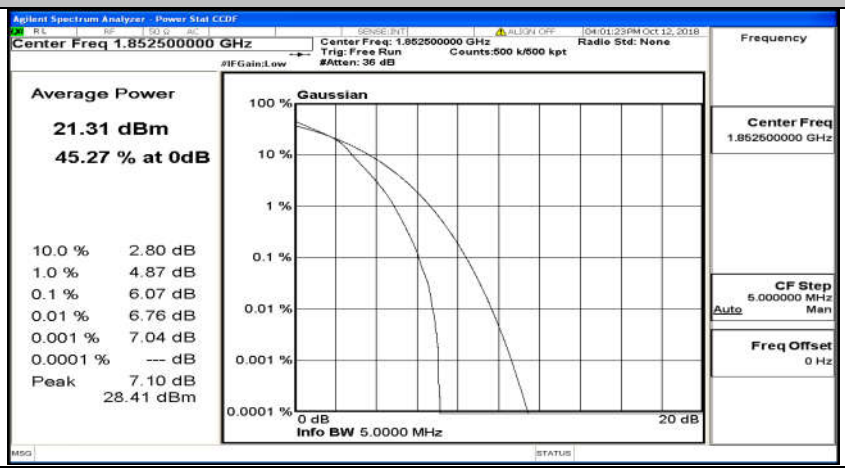
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



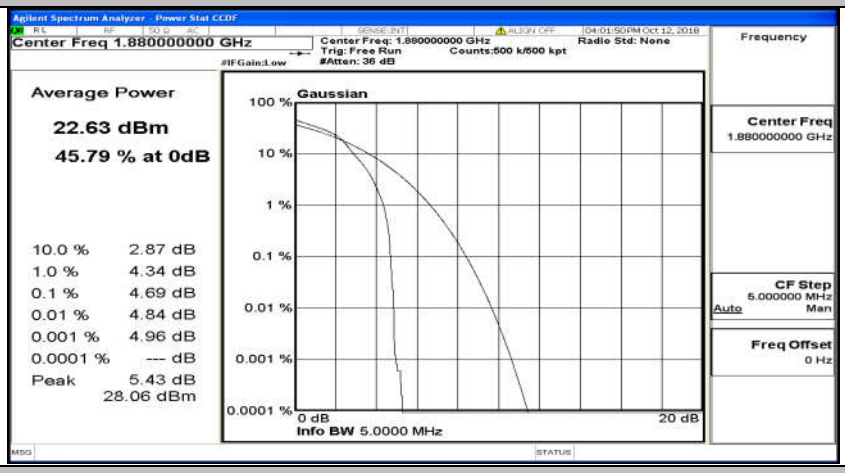
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



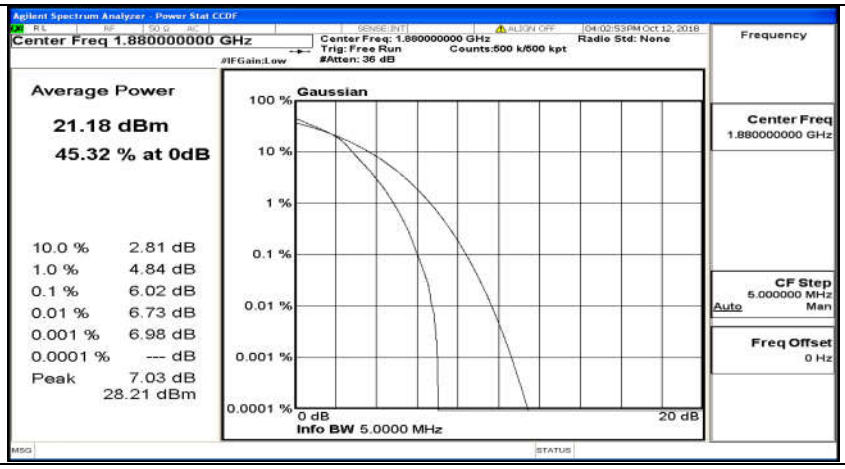
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



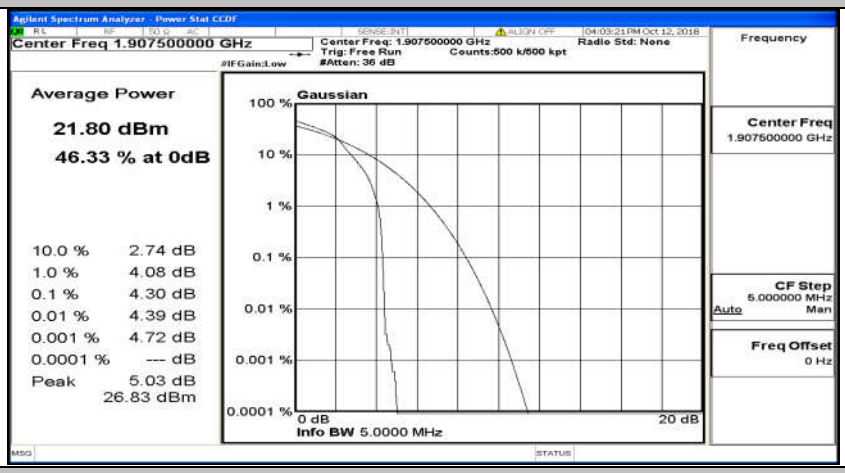
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



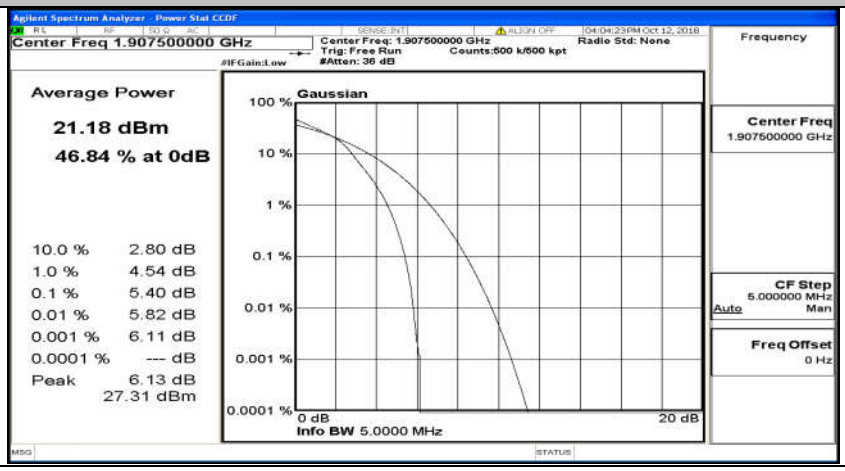
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



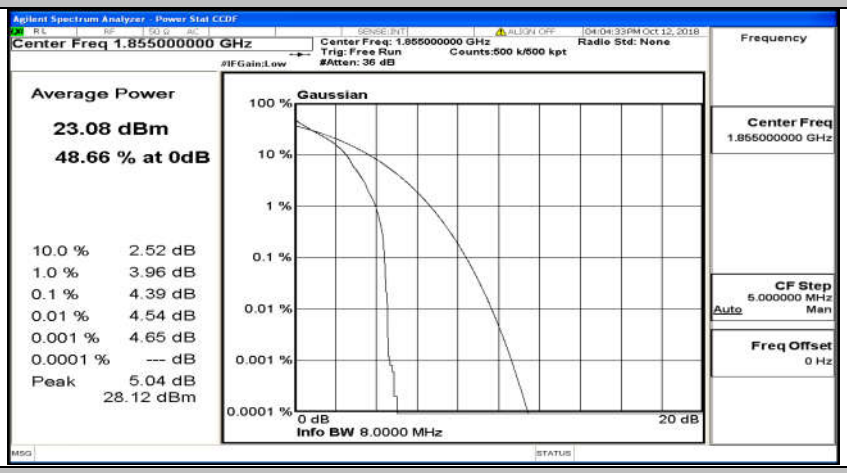
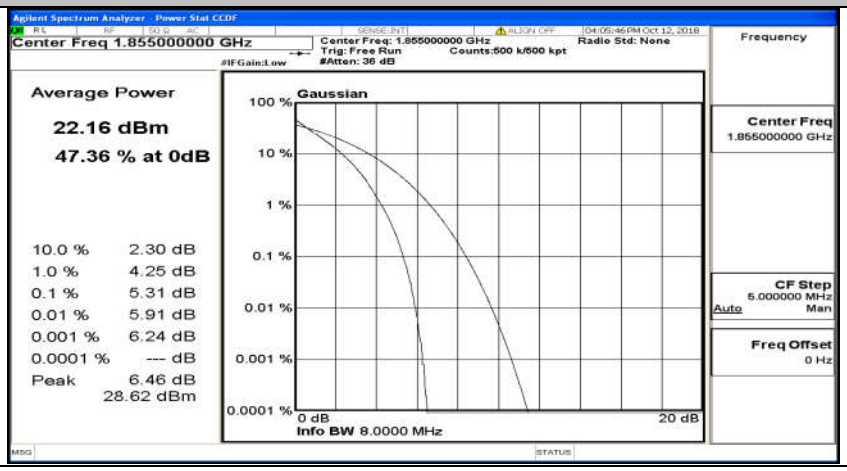
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

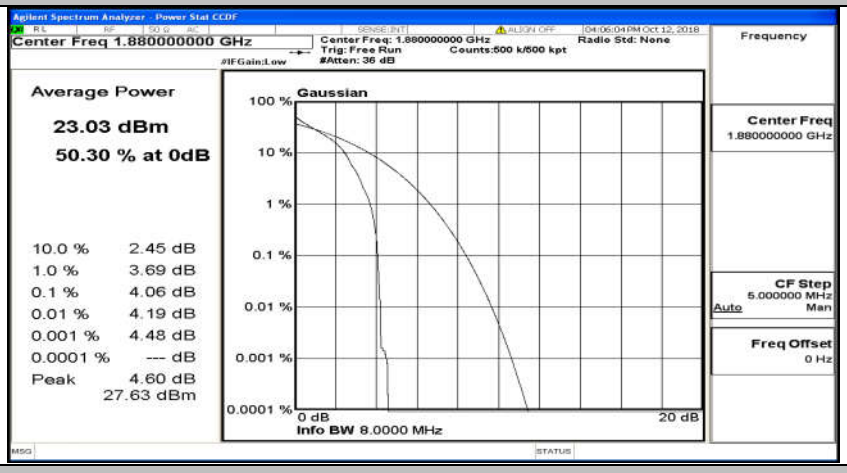


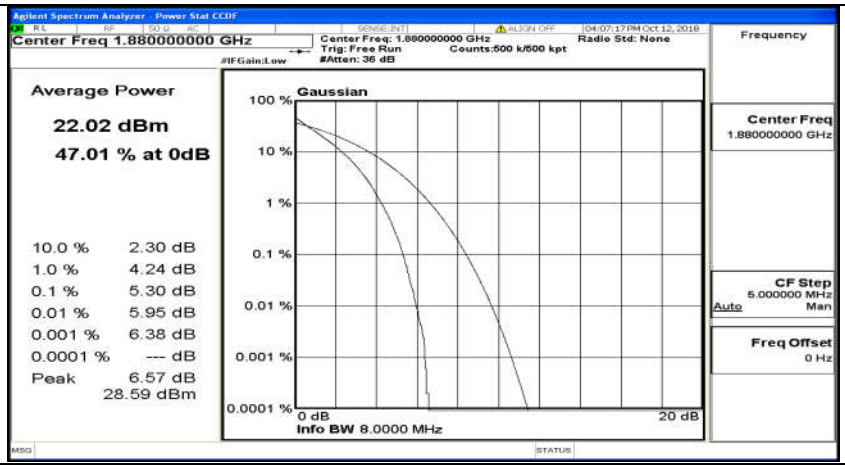
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



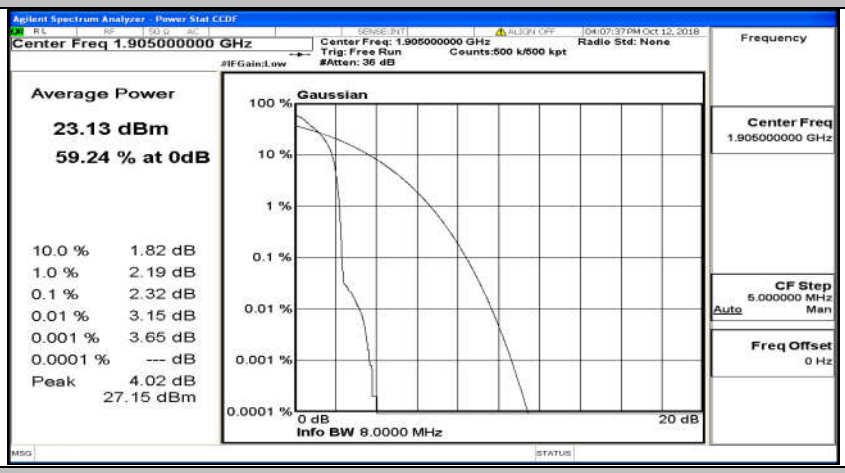
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0

Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0


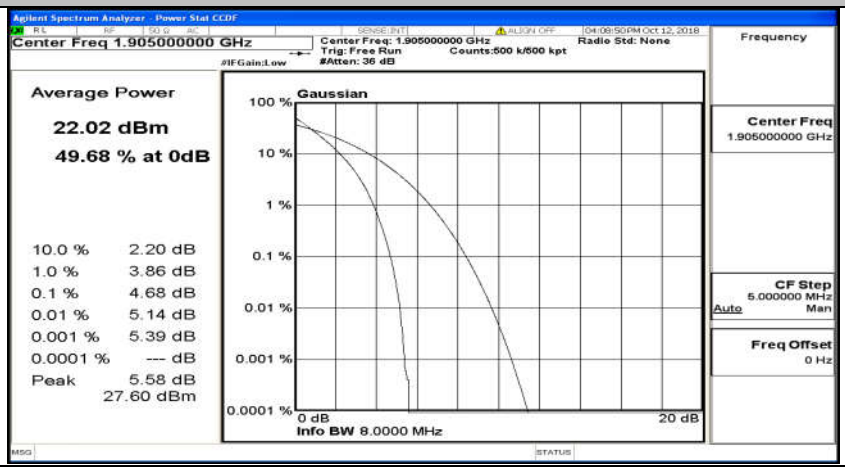
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



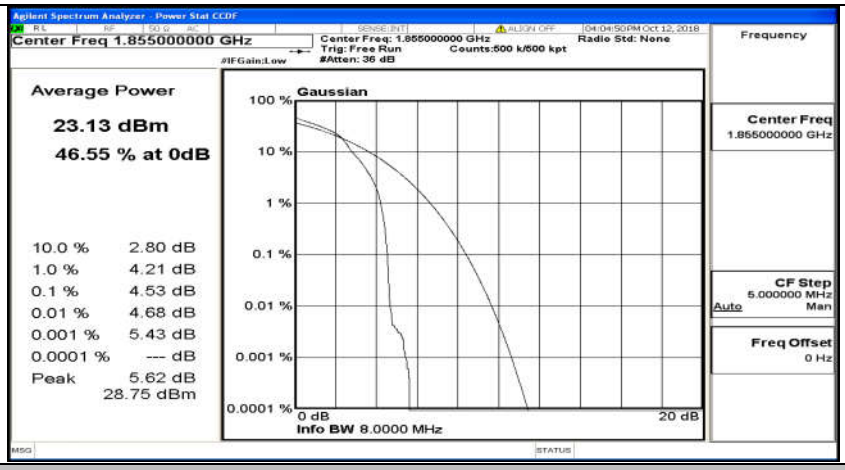
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



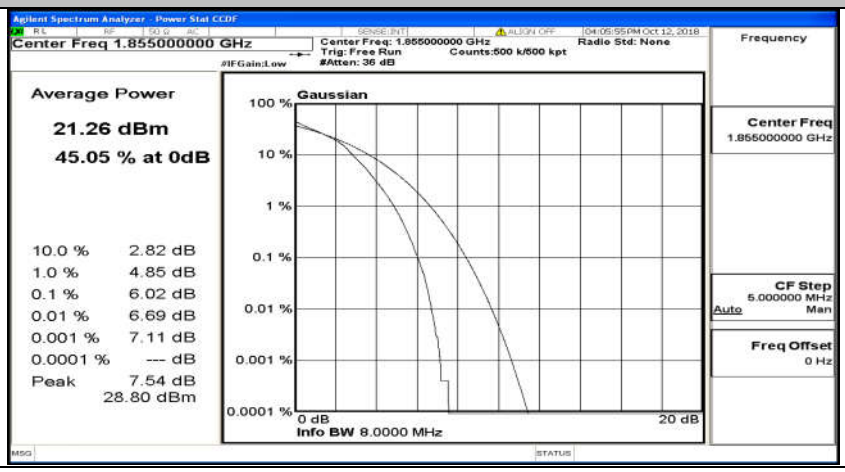
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



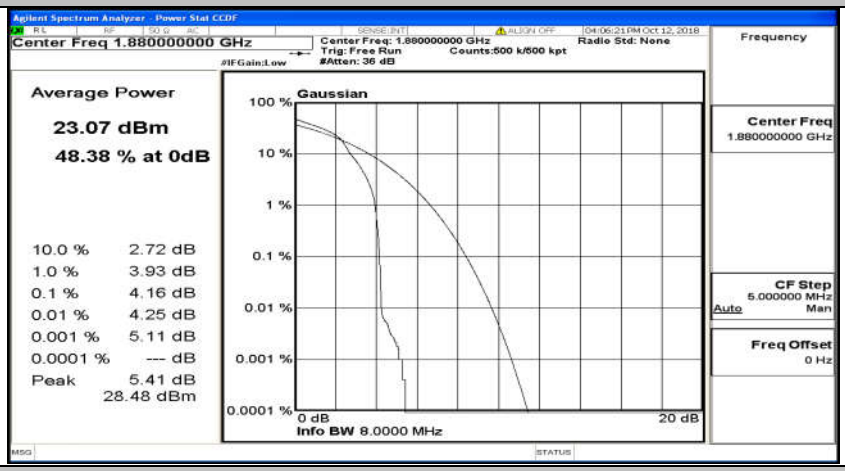
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



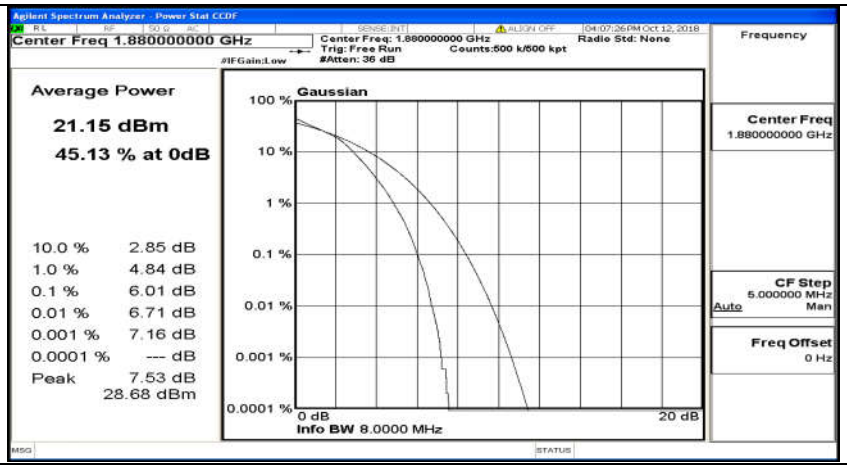
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



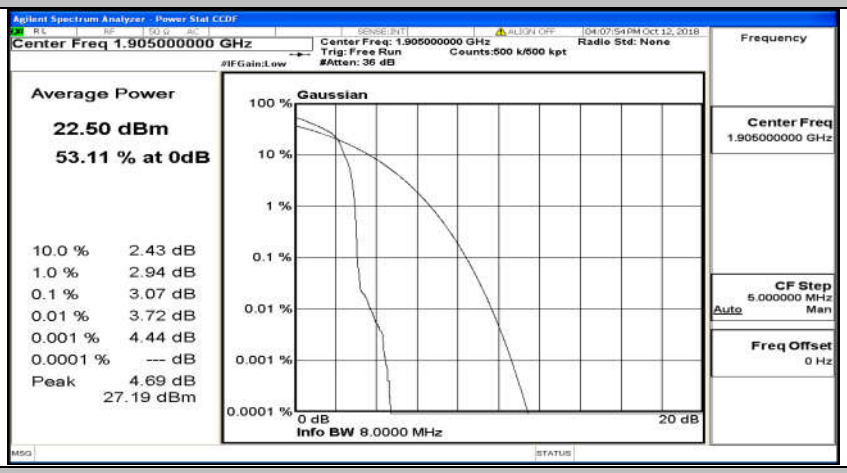
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



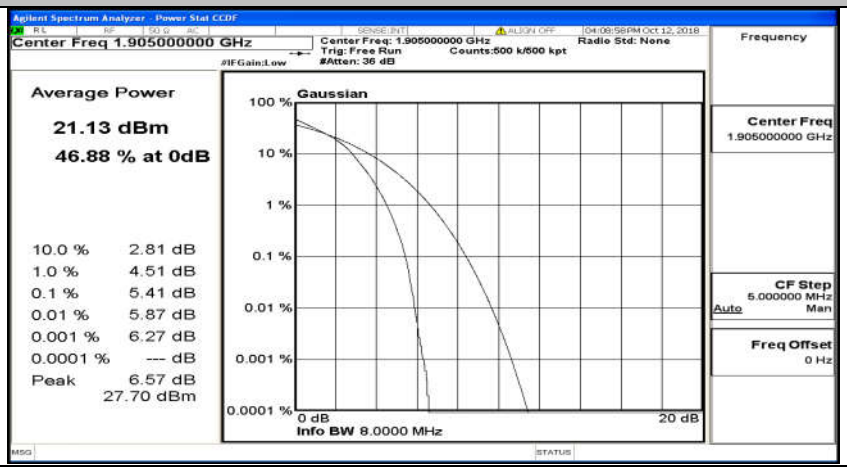
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

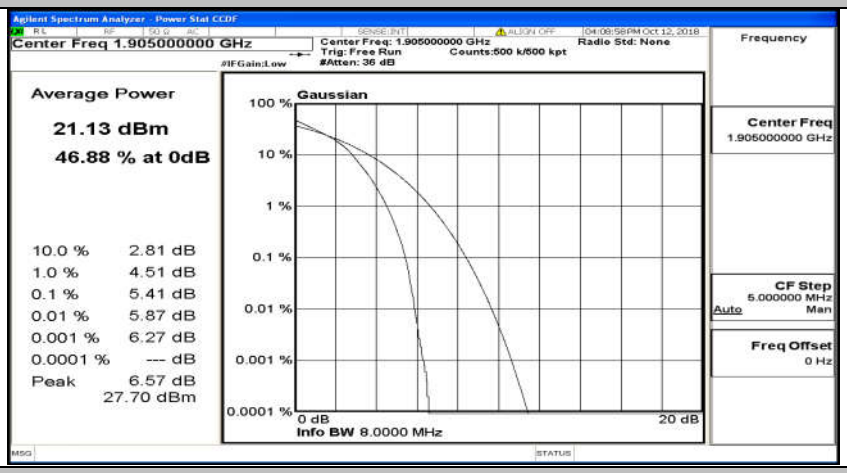


Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

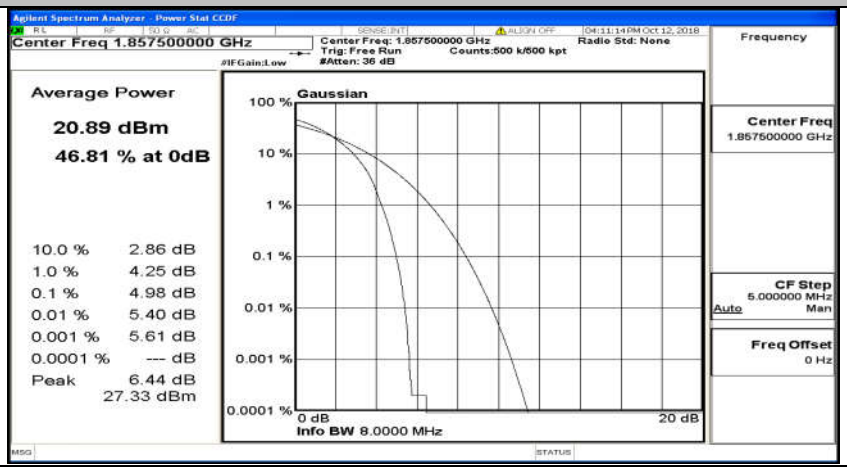


Channel Bandwidth: 15 MHz

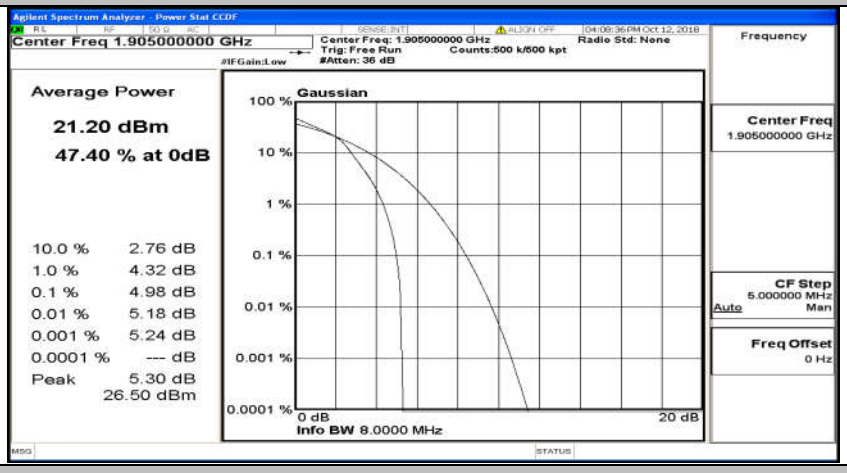
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0



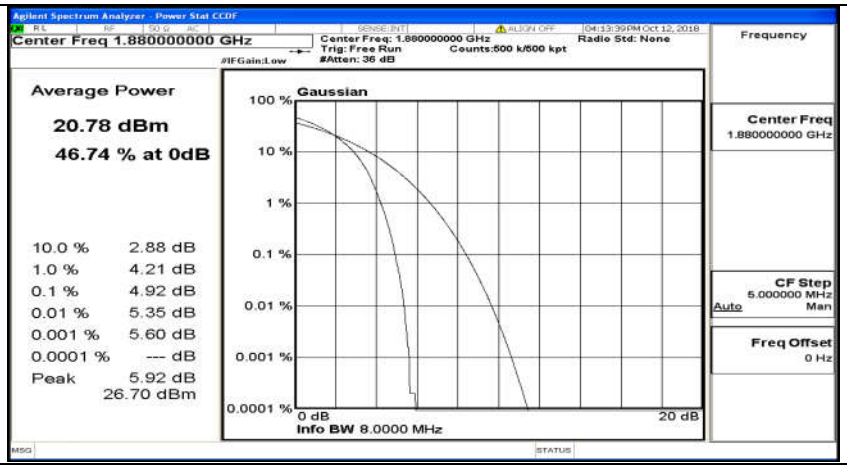
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



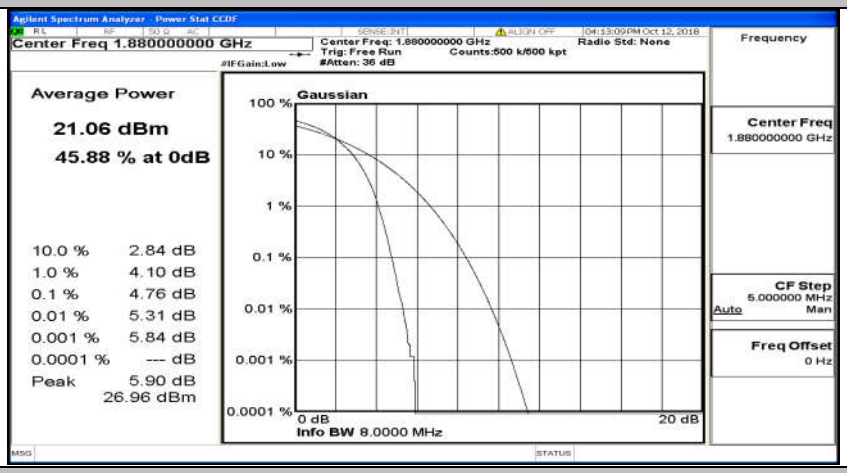
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



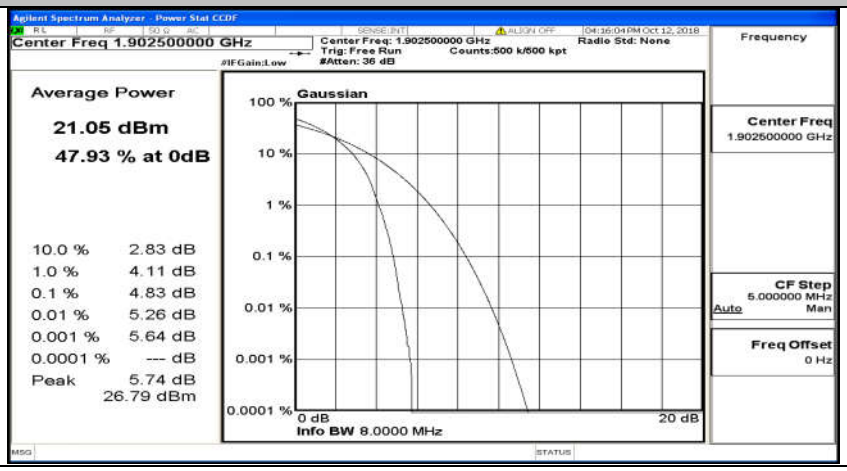
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



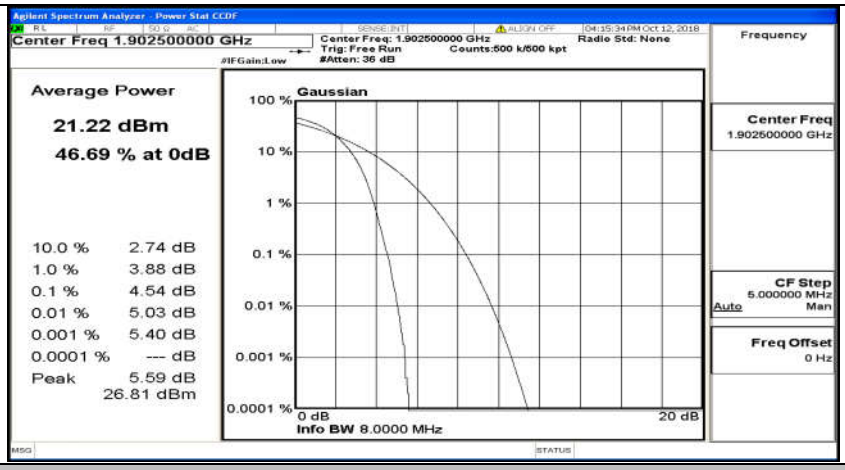
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



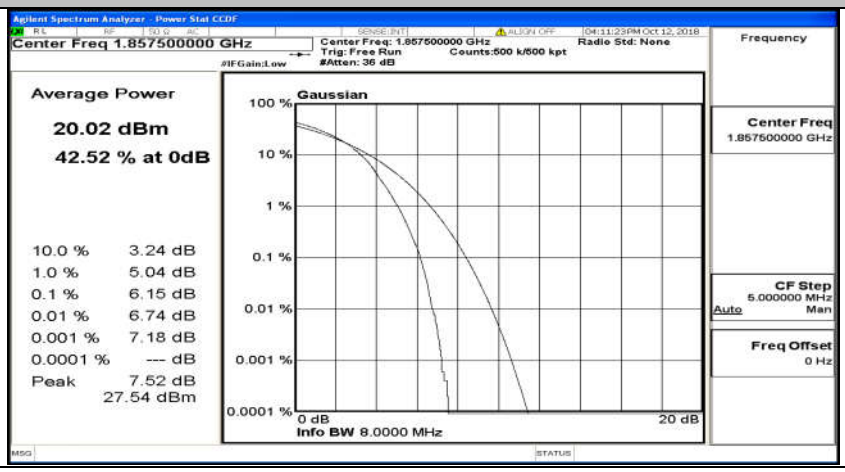
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



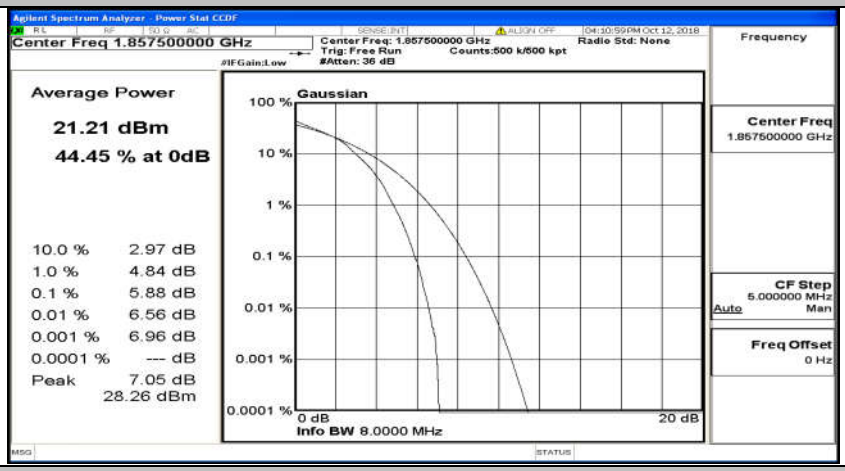
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



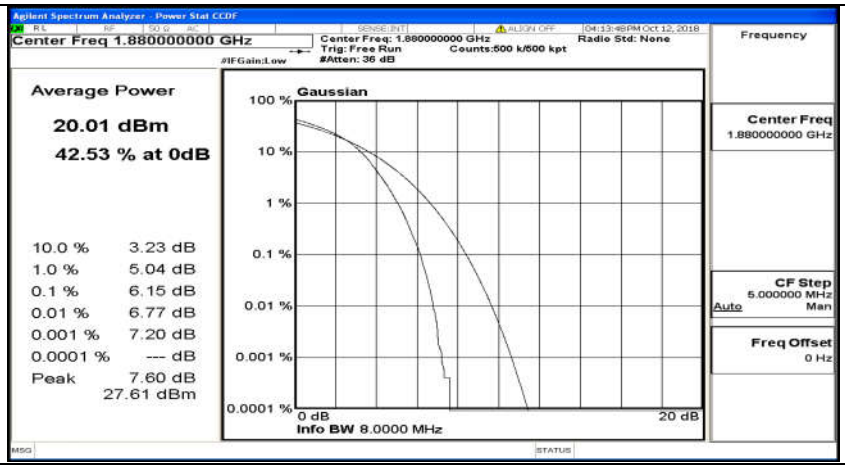
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



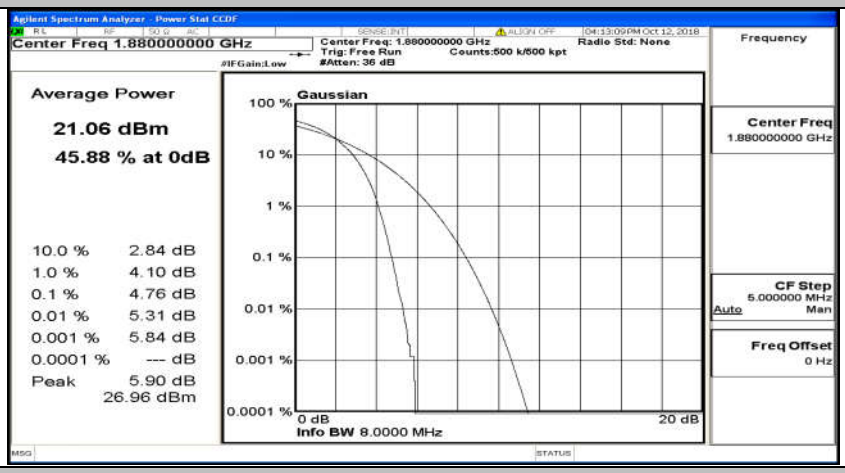
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



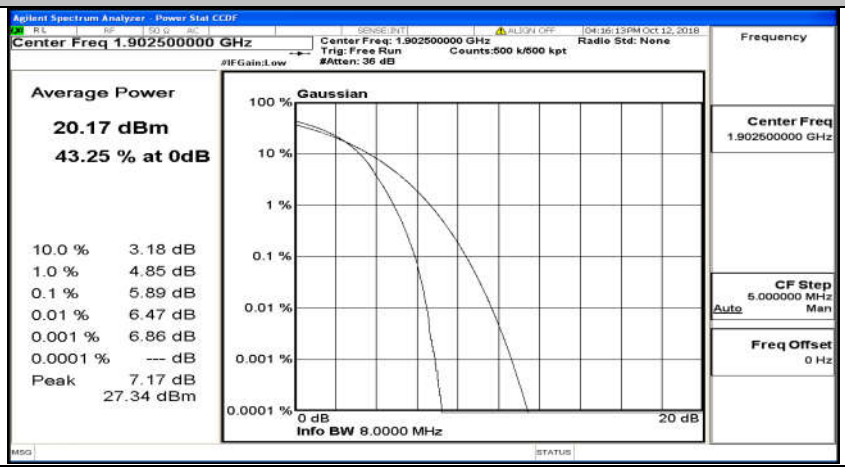
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

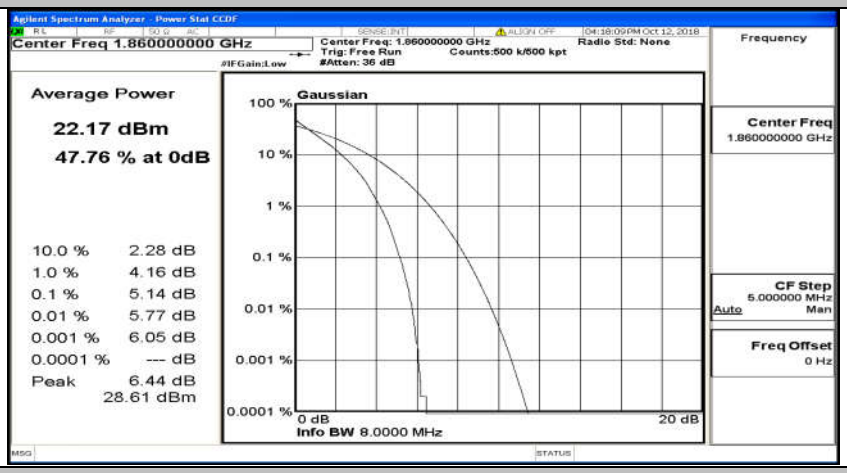


(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

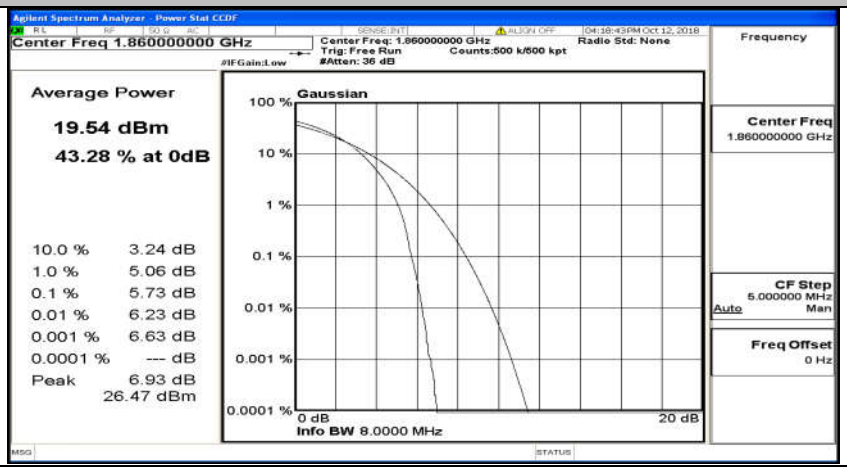


Channel Bandwidth: 20 MHz

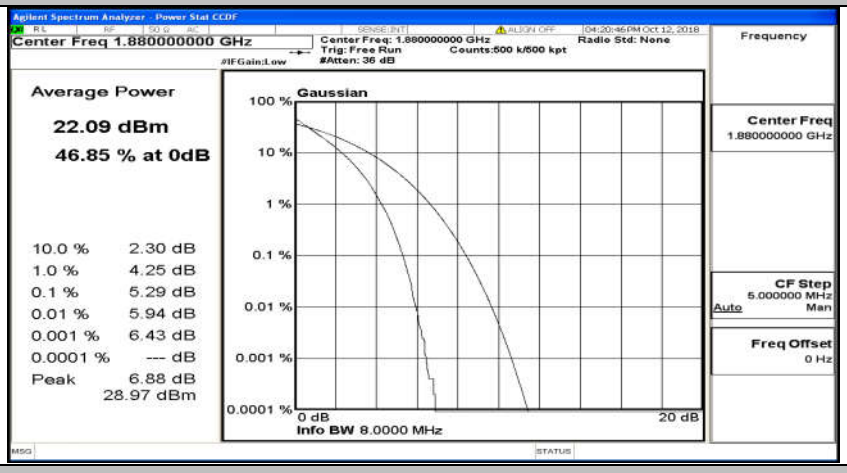
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



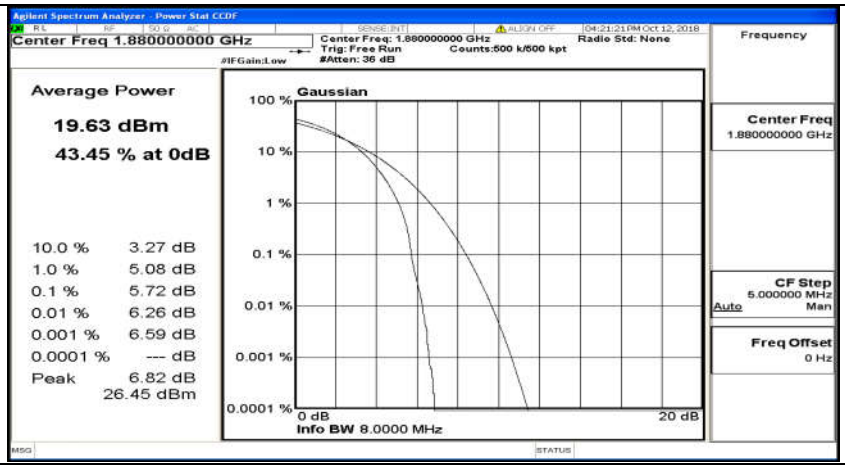
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



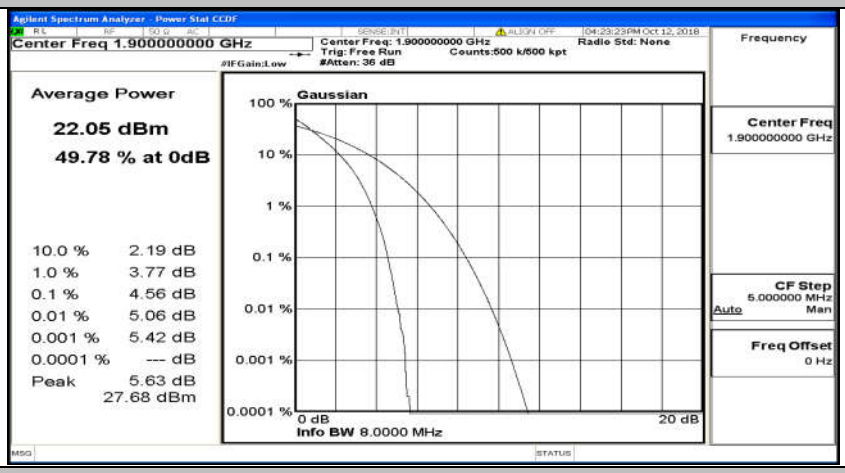
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



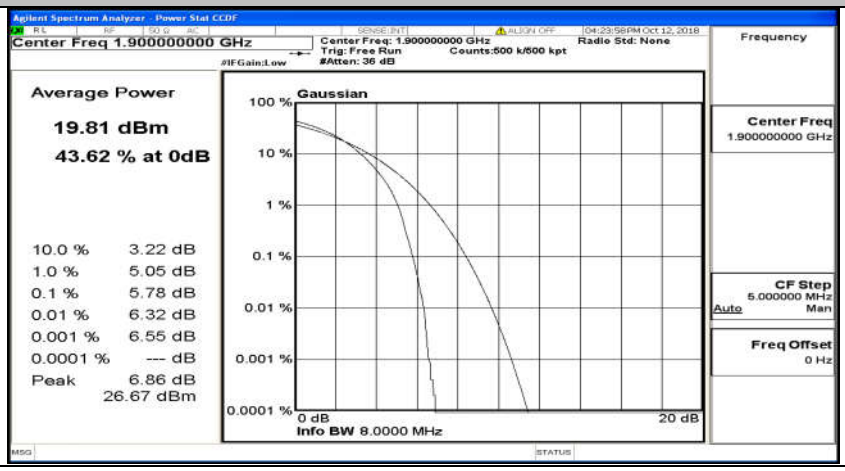
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



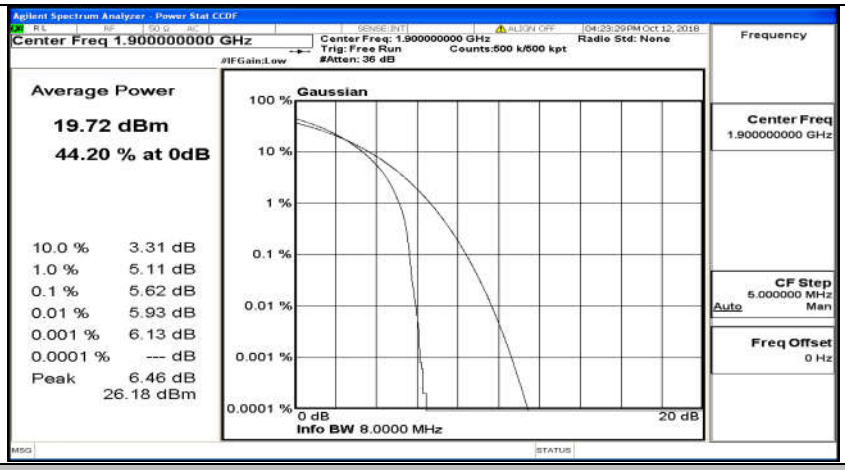
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



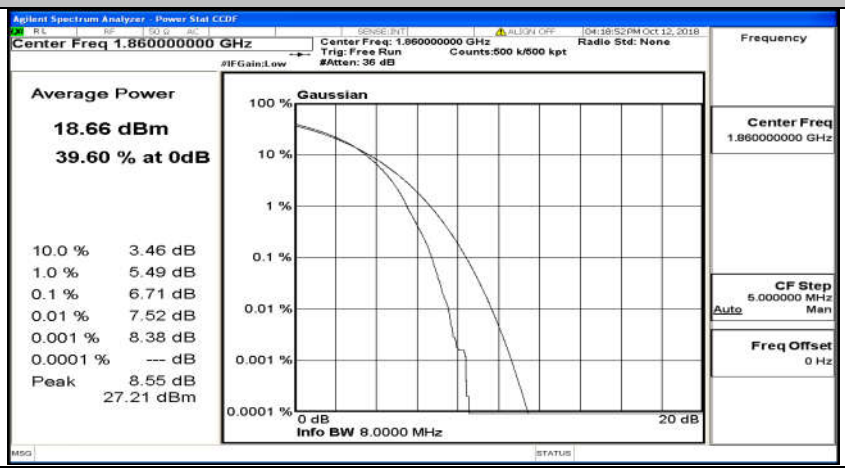
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



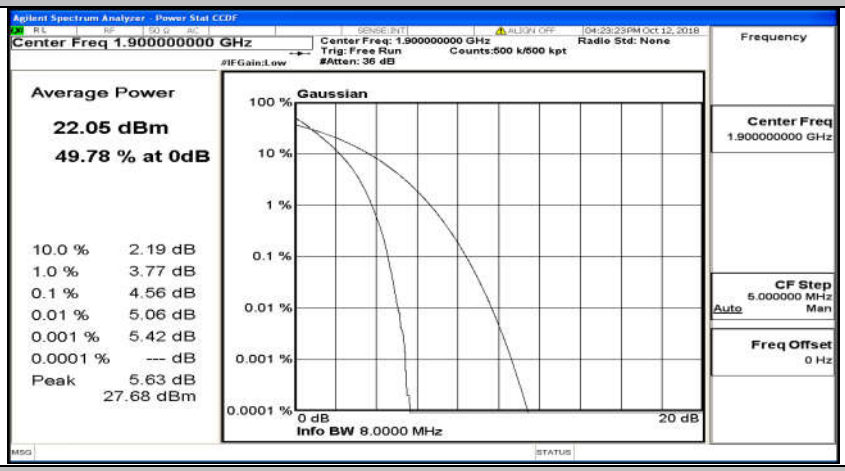
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



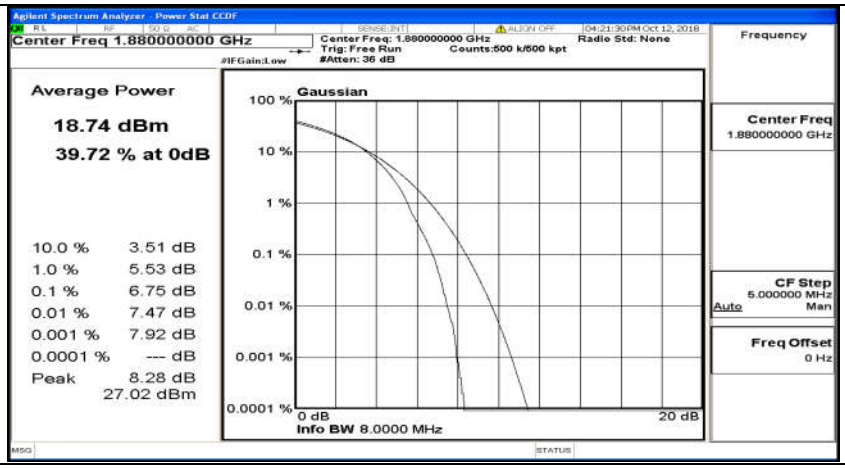
(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



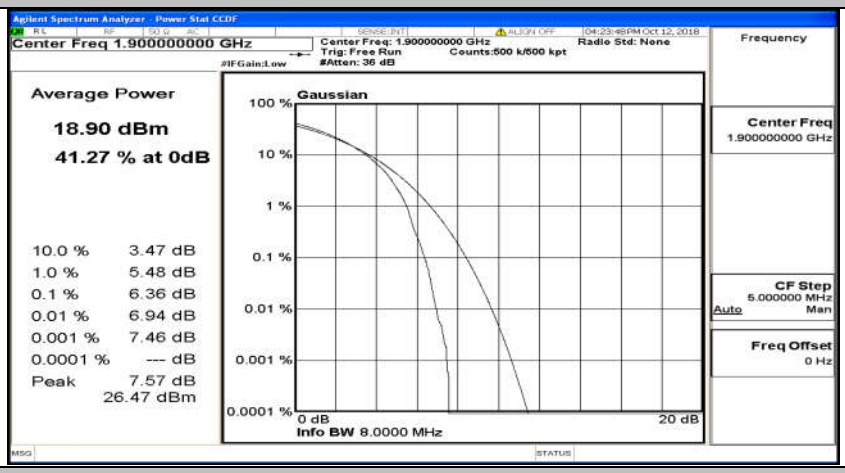
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0



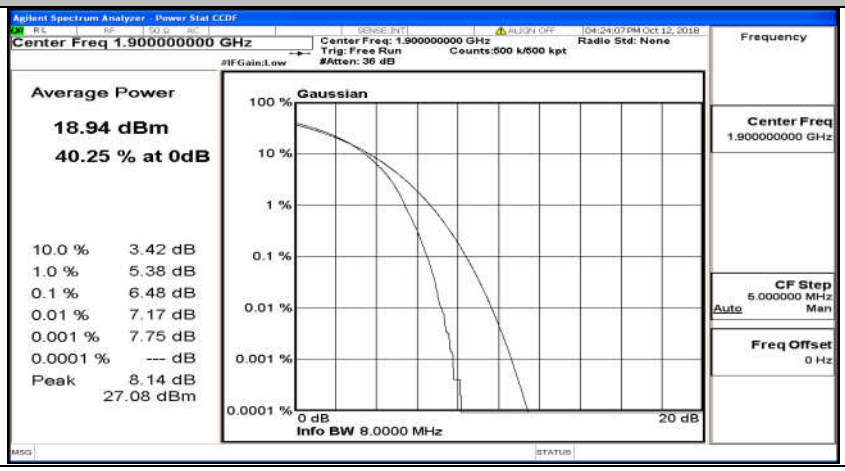
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0



Appendix A.3 6dB 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	1.0771	1.236	PASS
	MCH	6	0	1.0752	1.224	PASS
	HCH	6	0	1.0835	1.227	PASS
16QAM	LCH	6	0	1.0813	1.222	PASS
	MCH	6	0	1.0807	1.222	PASS
	HCH	6	0	1.0791	1.300	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	2.6856	2.950	PASS
	MCH	15	0	2.6862	2.982	PASS
	HCH	15	0	2.6862	2.985	PASS
16QAM	LCH	15	0	2.6886	2.960	PASS
	MCH	15	0	2.6843	2.972	PASS
	HCH	15	0	2.6944	2.981	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	4.4712	4.818	PASS
	MCH	25	0	4.4735	4.812	PASS
	HCH	25	0	4.4689	4.965	PASS
16QAM	LCH	25	0	4.4752	4.819	PASS
	MCH	25	0	4.4667	4.822	PASS
	HCH	25	0	4.4758	4.867	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	8.9447	9.587	PASS
	MCH	50	0	8.9360	9.465	PASS
	HCH	50	0	8.9190	9.755	PASS
16QAM	LCH	50	0	8.9430	9.525	PASS
	MCH	50	0	8.9301	9.593	PASS
	HCH	50	0	8.9399	9.690	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	13.424	14.46	PASS
	MCH	75	0	13.376	14.04	PASS
	HCH	75	0	13.375	14.44	PASS
16QAM	LCH	75	0	13.424	14.17	PASS
	MCH	75	0	13.383	14.08	PASS
	HCH	75	0	13.375	14.22	PASS

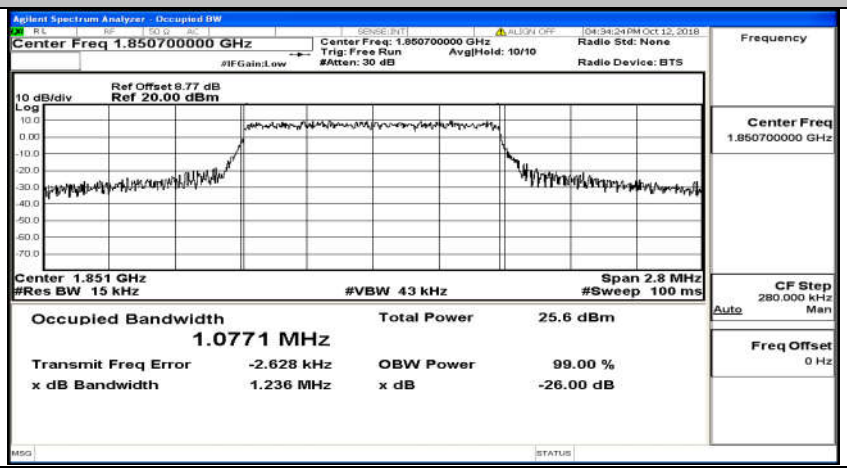
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.875	18.74	PASS
	MCH	100	0	17.875	18.66	PASS
	HCH	100	0	17.849	18.71	PASS
16QAM	LCH	100	0	17.893	18.77	PASS
	MCH	100	0	17.861	18.70	PASS
	HCH	100	0	17.842	18.68	PASS

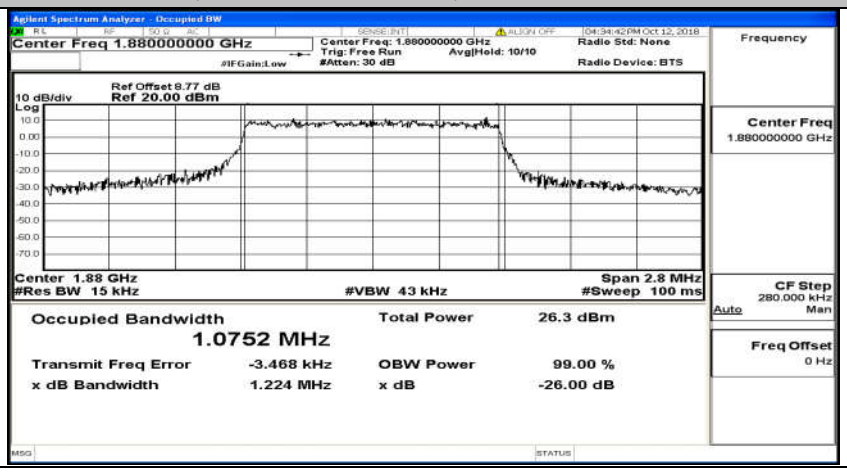
Test Graphs

Channel Bandwidth: 1.4 MHz

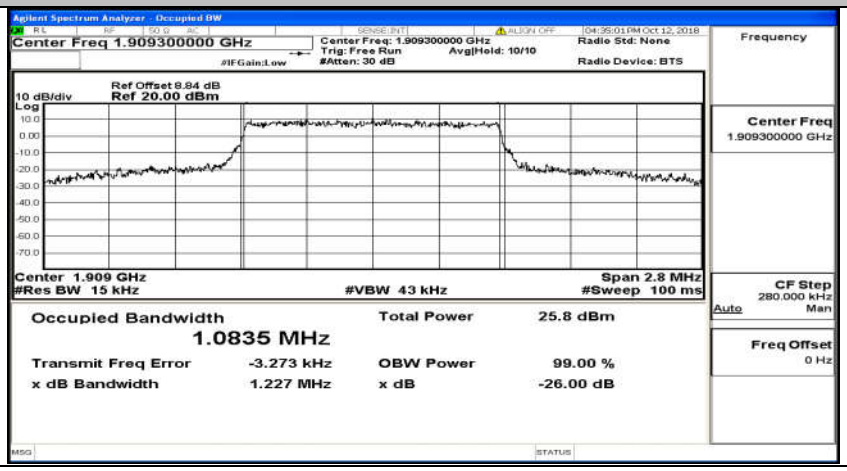
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



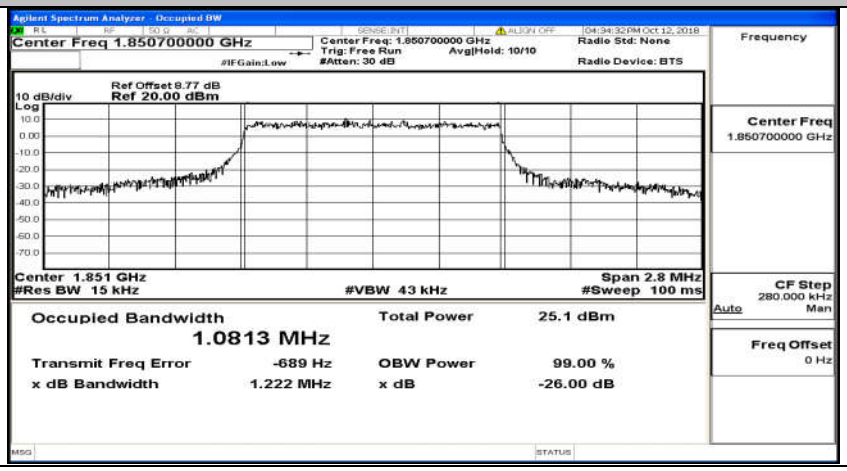
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



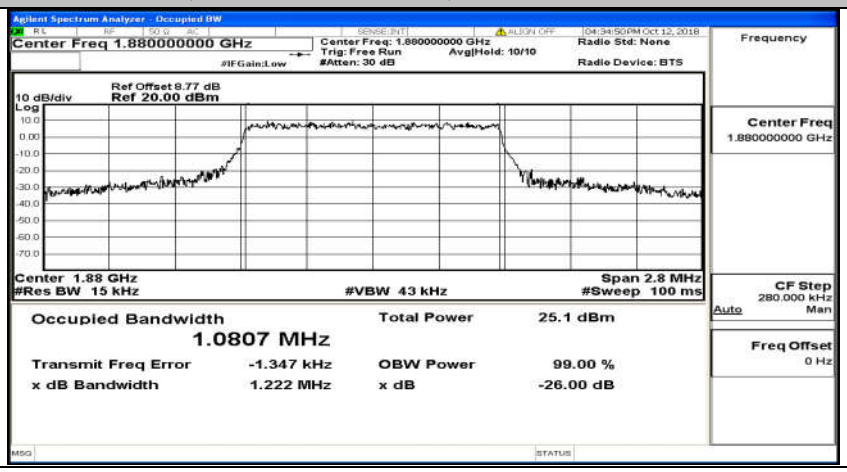
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



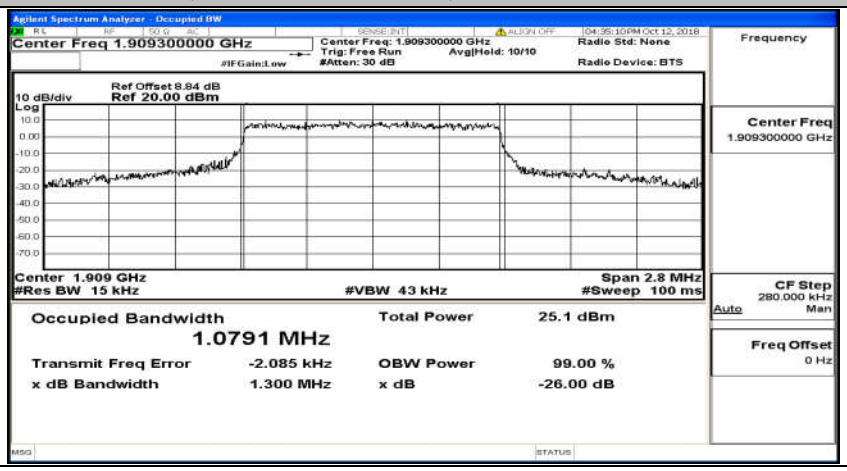
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

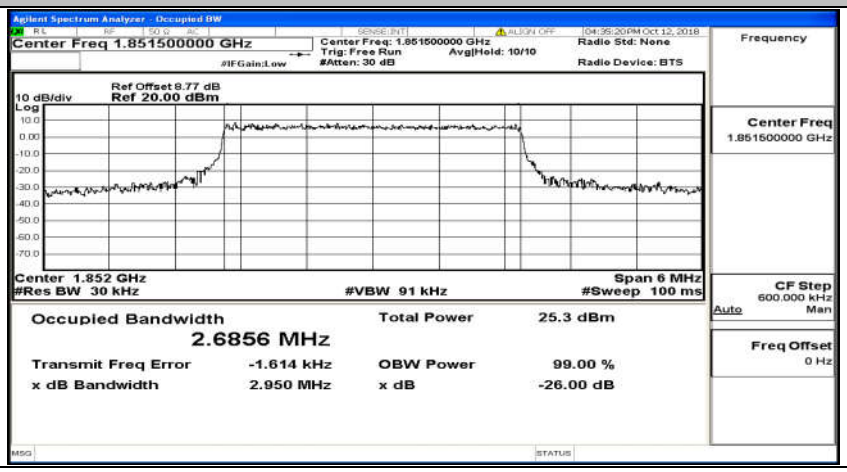


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

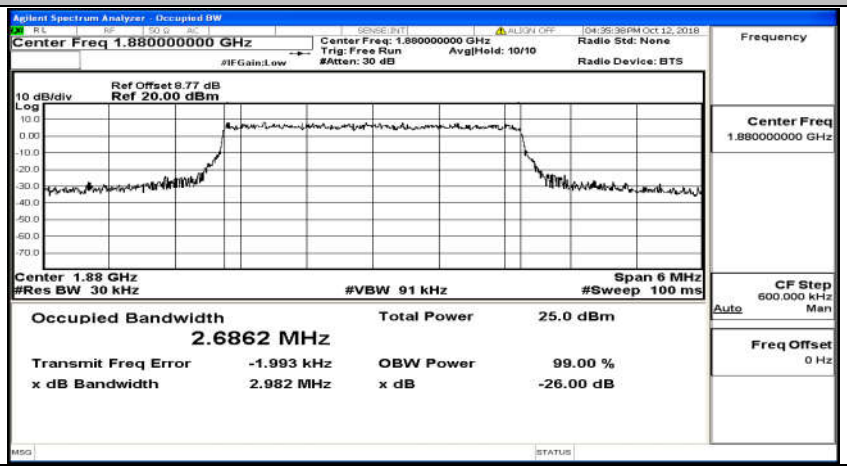


Channel Bandwidth: 3 MHz

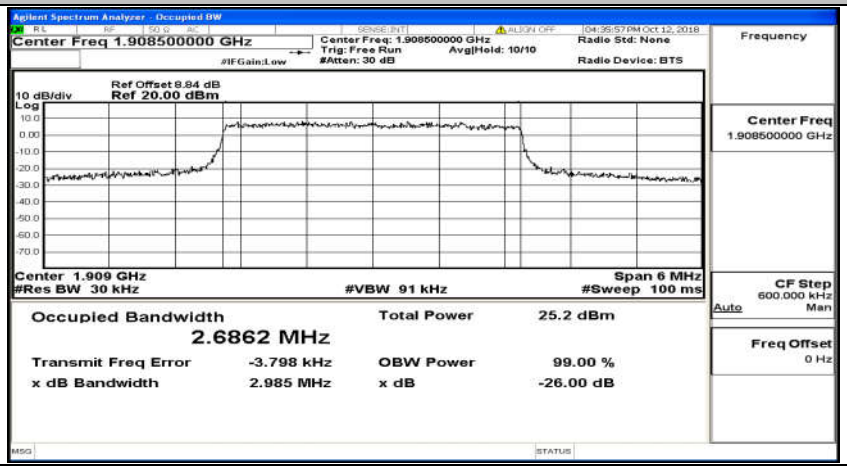
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



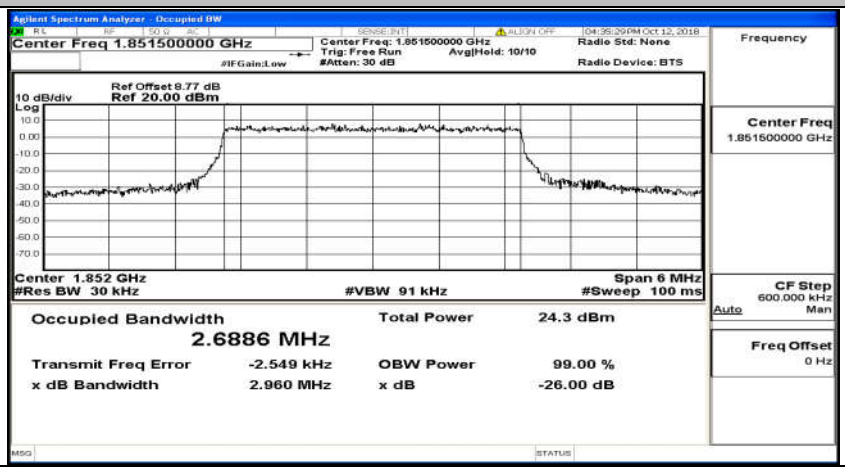
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



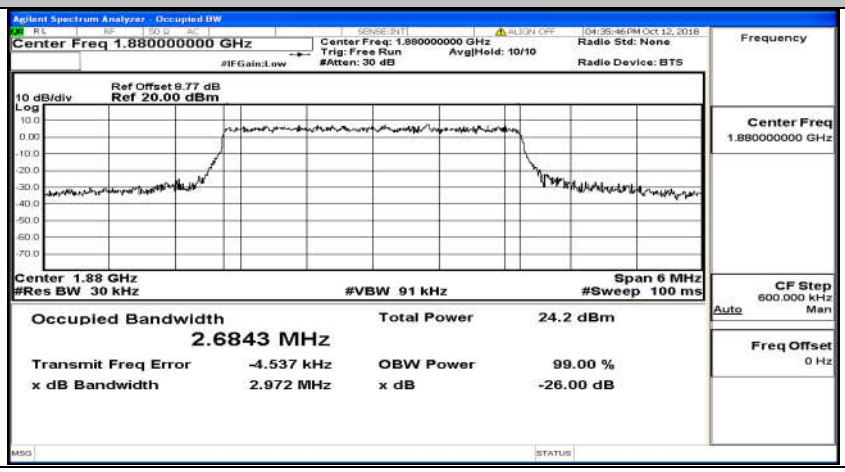
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



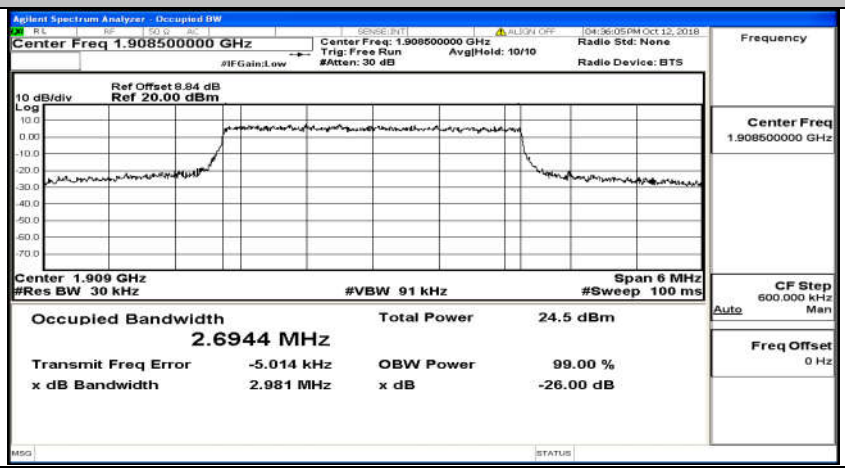
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

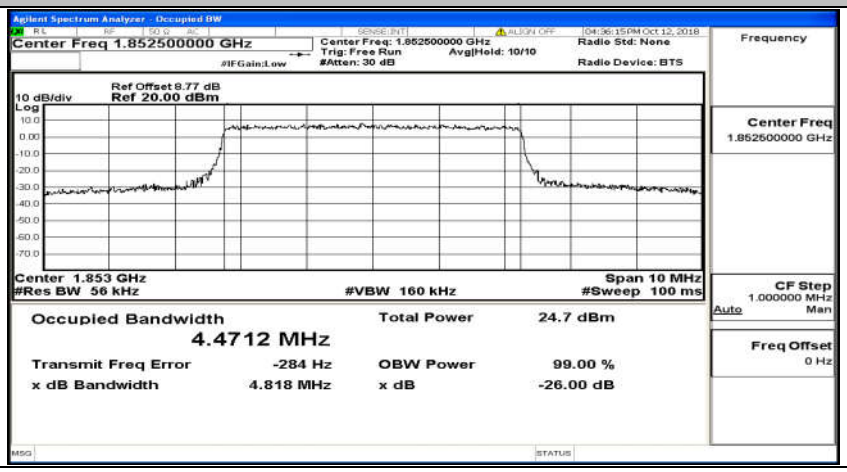


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

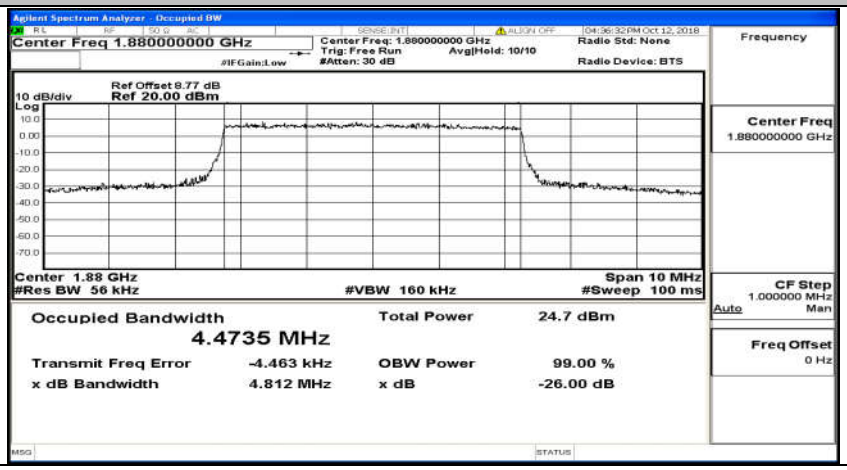


Channel Bandwidth: 5 MHz

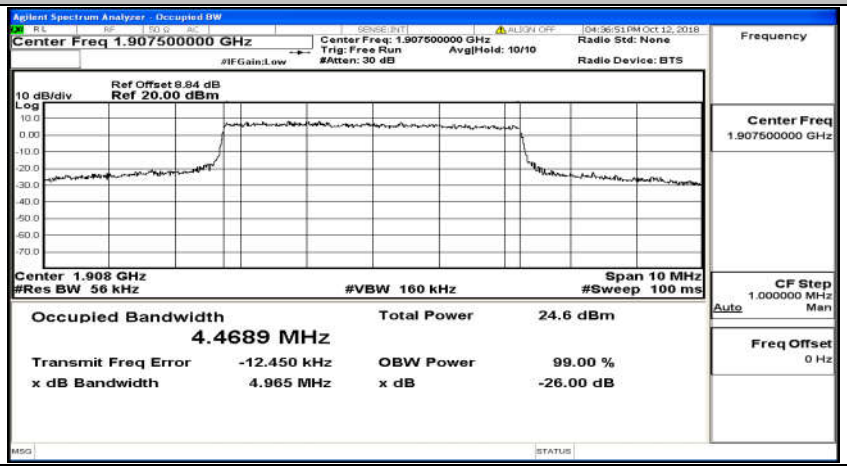
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



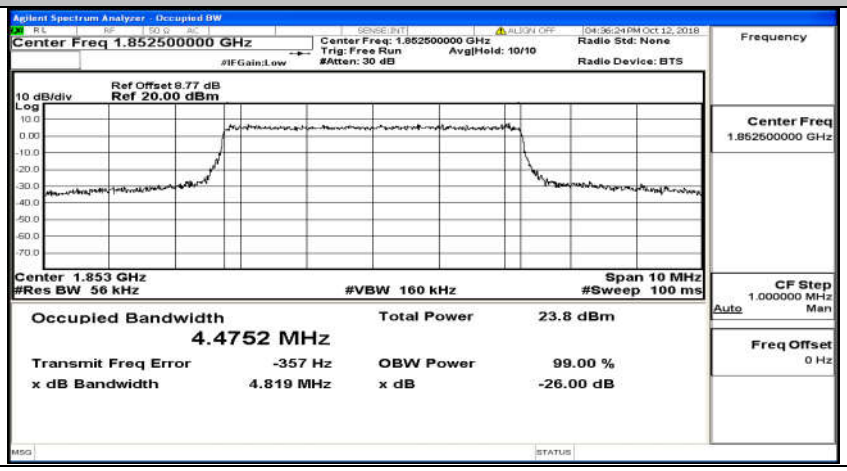
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



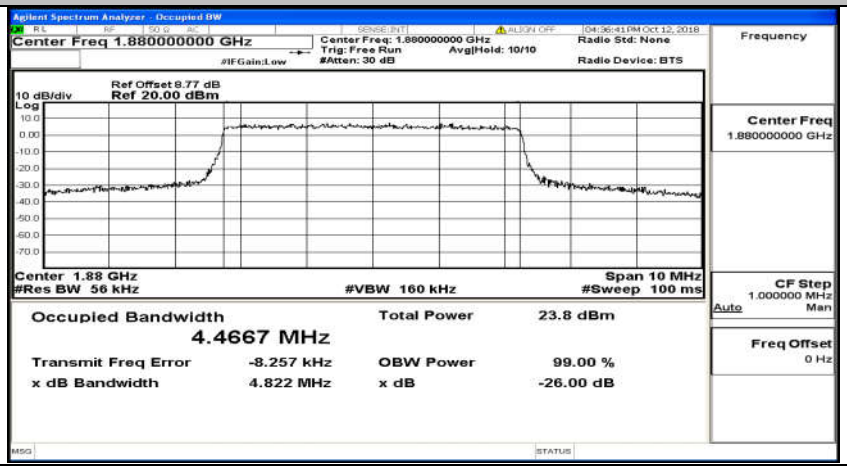
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



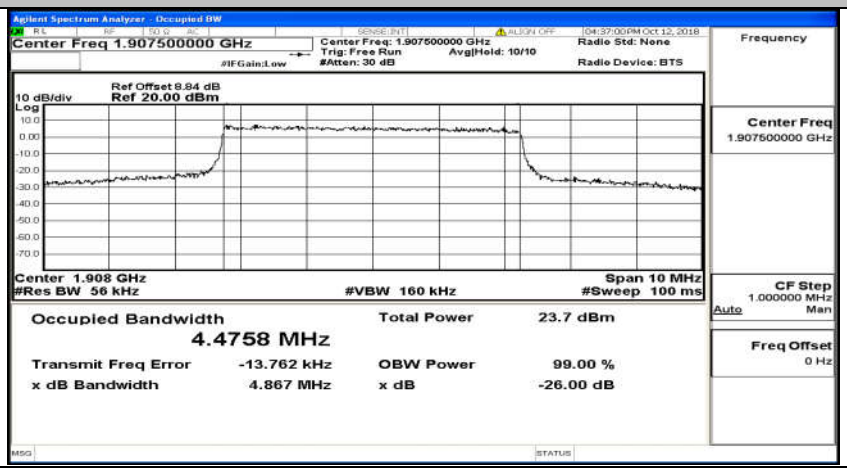
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



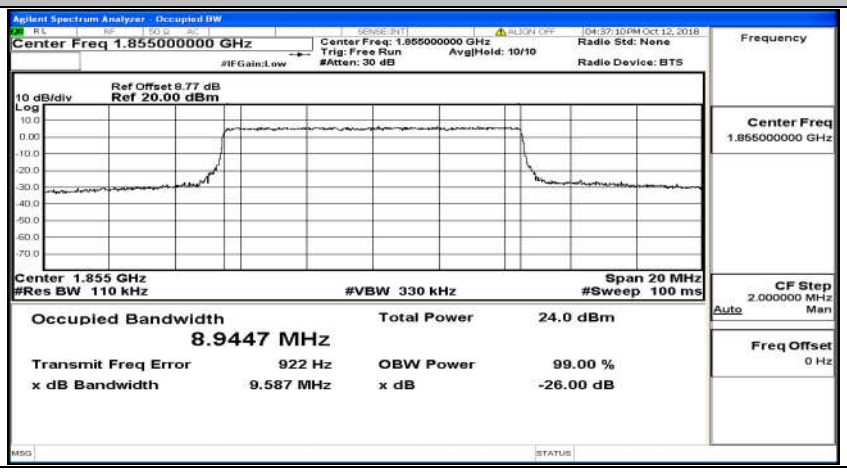
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

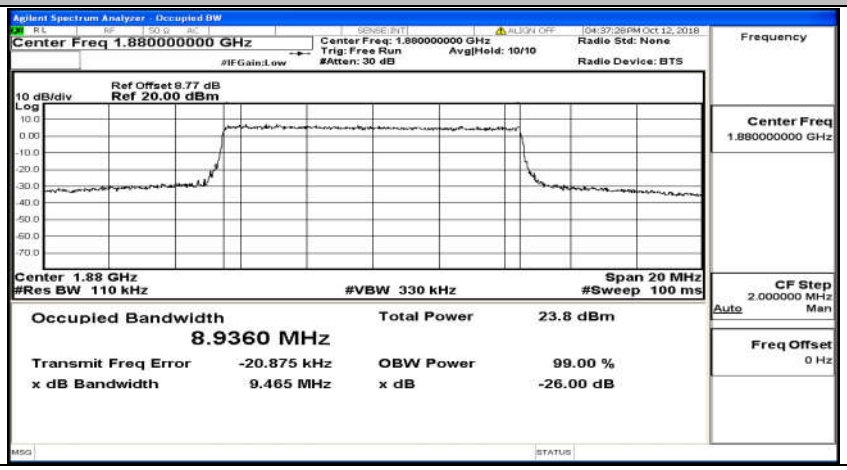


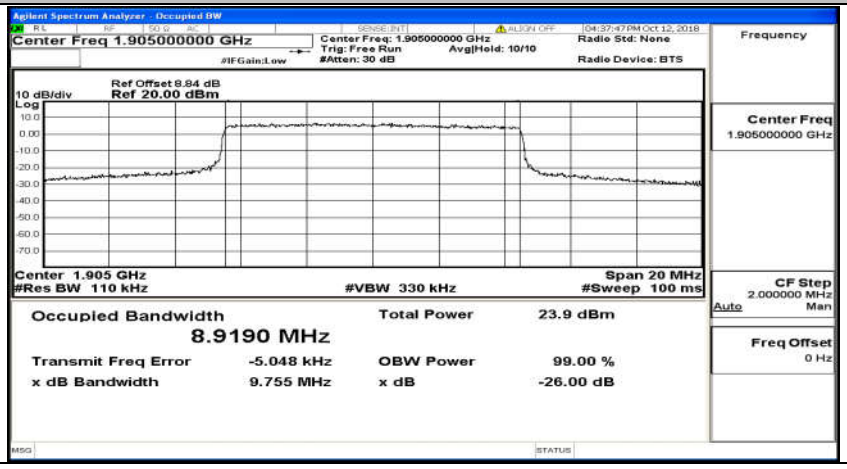
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

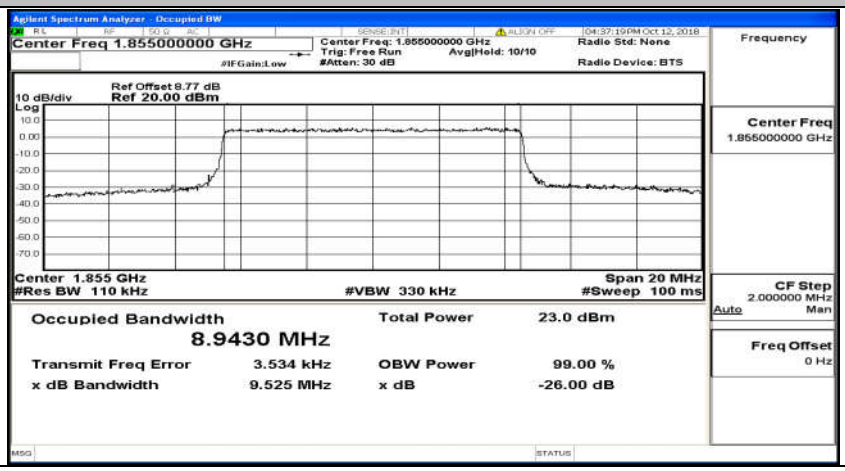


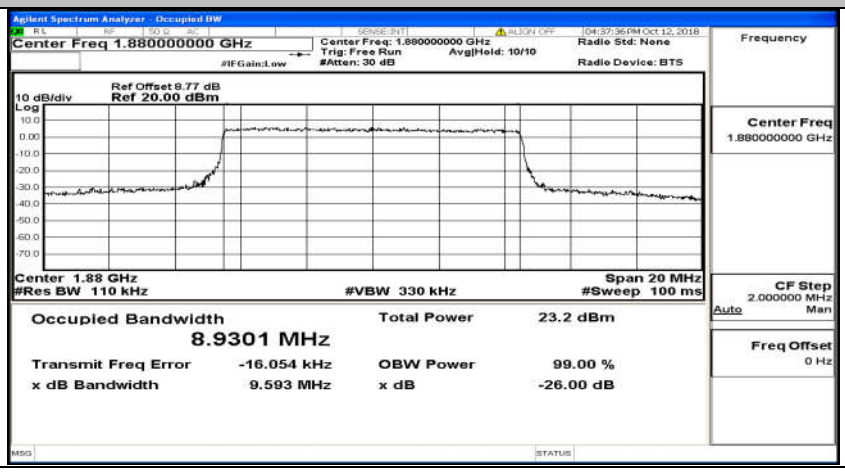
Channel Bandwidth: 10 MHz

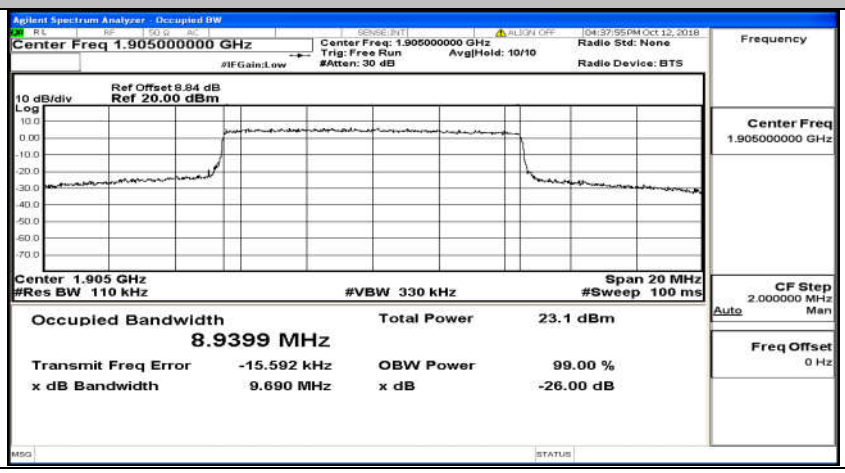
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0


Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0


Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0


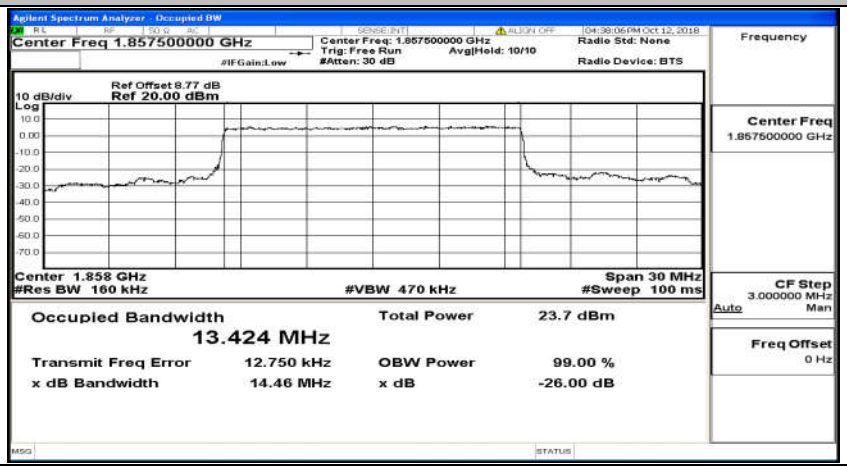
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0


Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0


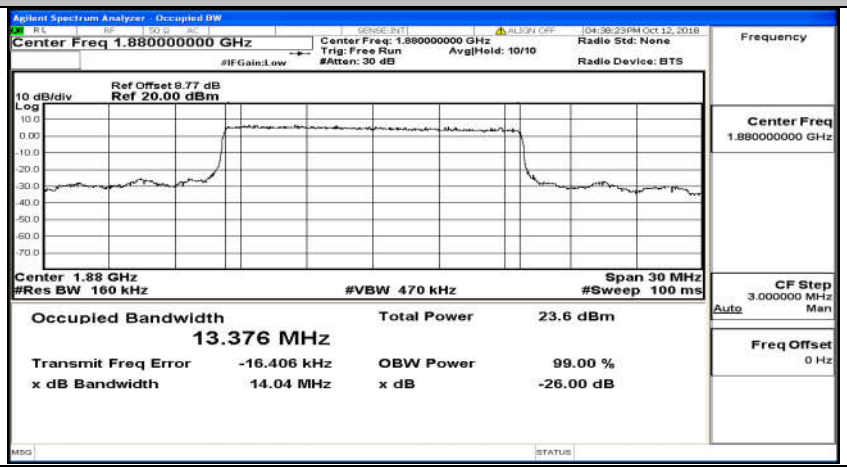
Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0


Channel Bandwidth: 15 MHz

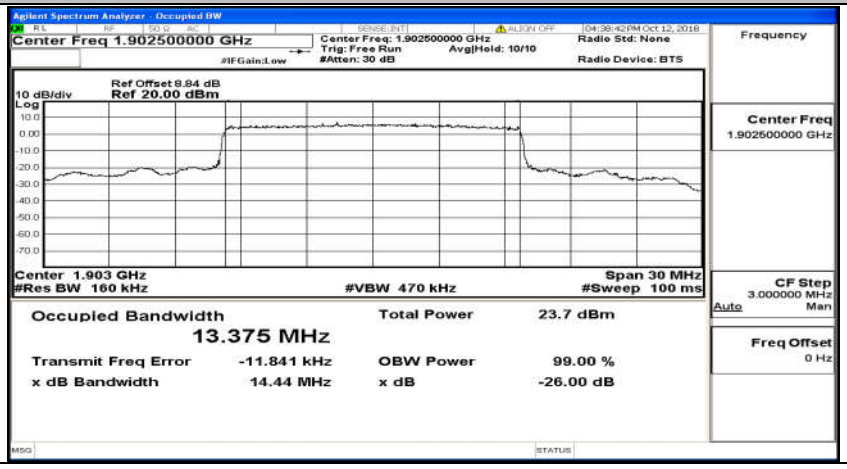
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



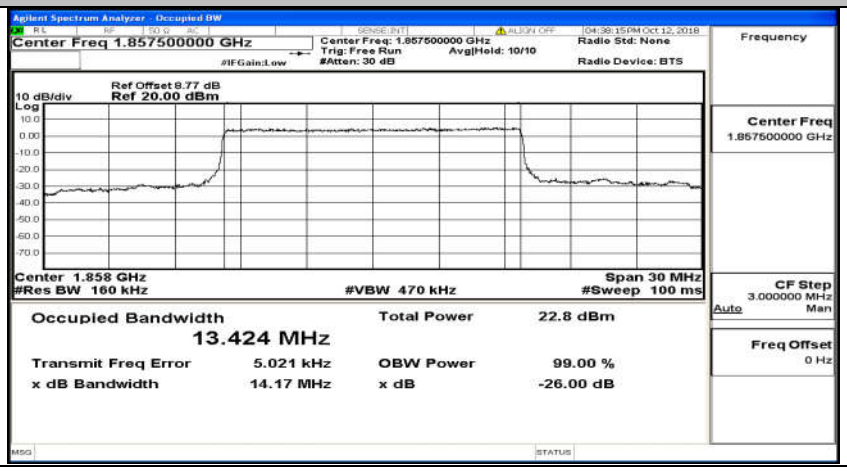
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



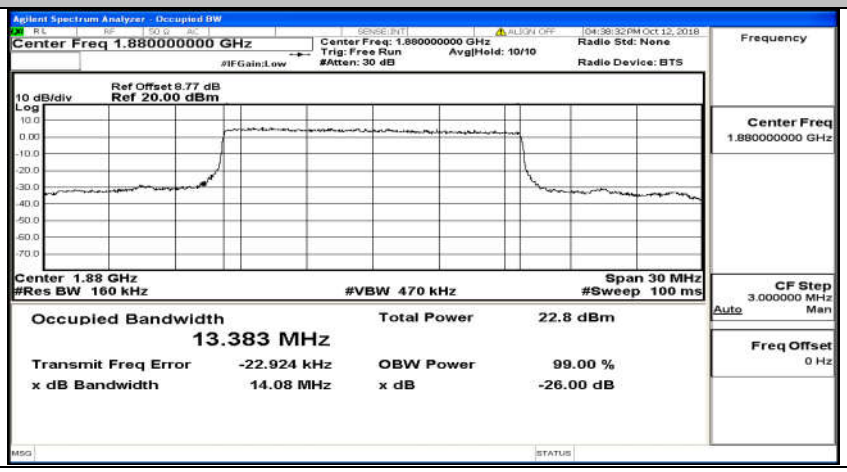
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



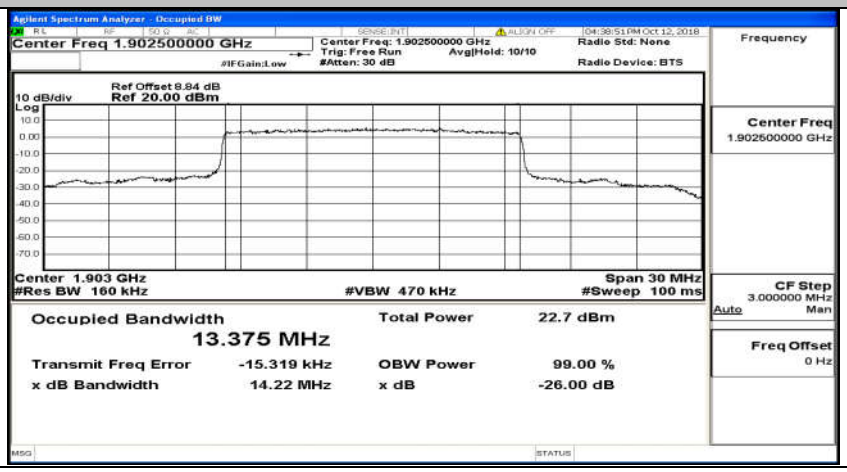
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

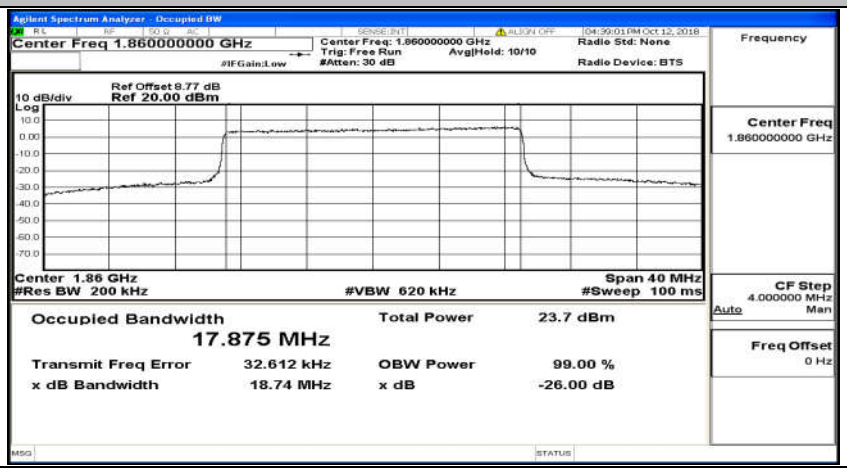


(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

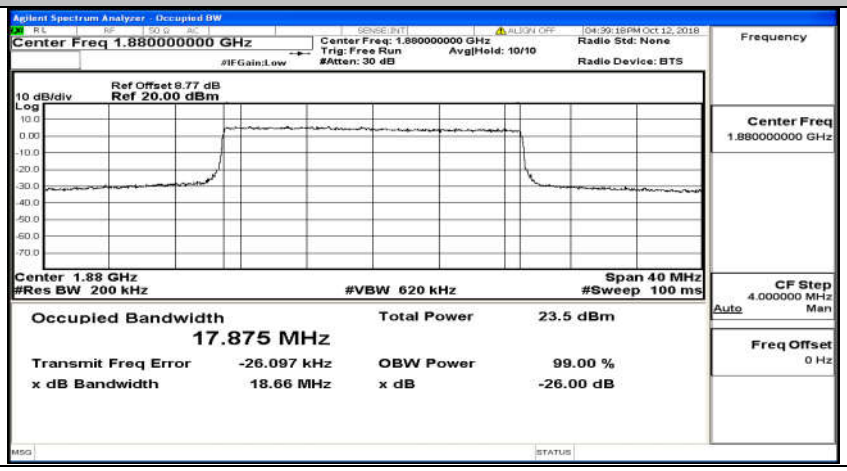


Channel Bandwidth: 20 MHz

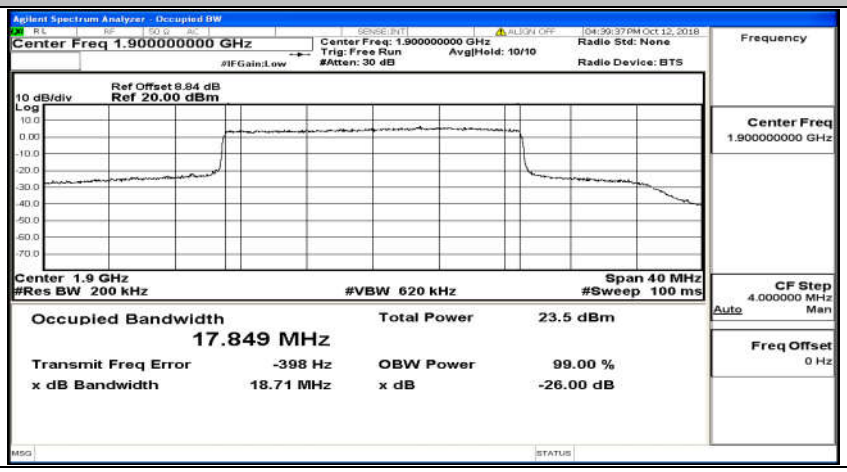
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



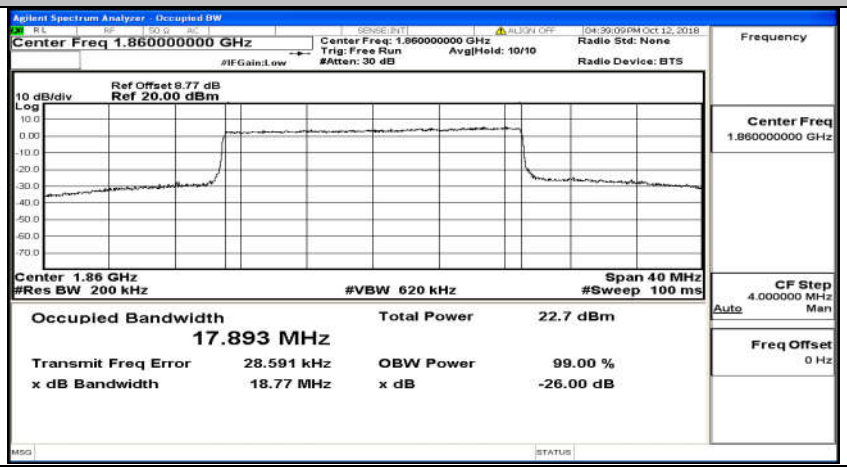
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



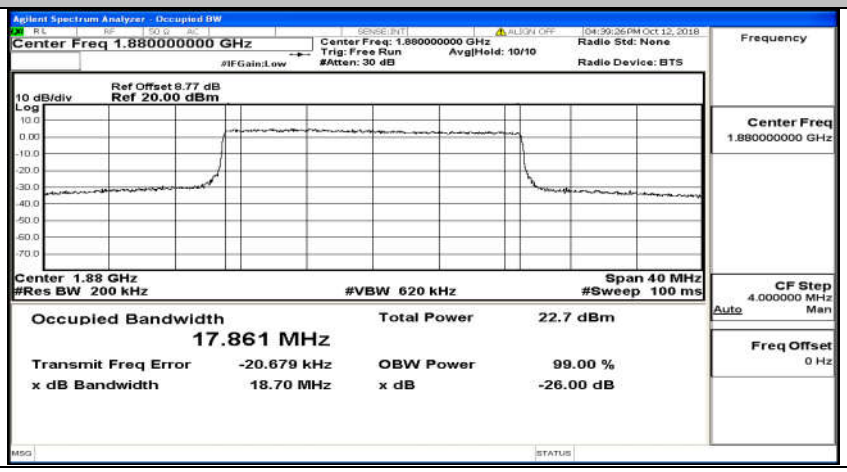
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0