Appendix F: Test Data for E-UTRA Band 2

Product Name: Smart phone
Test Model: VSP100
FCC ID: 2ASQ6-VSP100
IC: 24870-VSP100

Environmental Conditions

Temperature:	22.8 ° C
Relative Humidity:	52.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Tom.Liu
Supervised by:	Jayden Zhuo

F.1 Conducted Output Power

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK/ 16QAM	LCH	1	0	24.51	23.73	PASS
		1	3	24.53	23.94	PASS
		1	5	24.47	23.71	PASS
		3	0	24.46	23.68	PASS
		3	2	24.56	23.70	PASS
		3	3	24.54	23.70	PASS
		6	0	23.55	22.54	PASS
	MCH	1	0	24.38	23.75	PASS
		1	3	24.54	23.90	PASS
		1	5	24.40	23.76	PASS
		3	0	24.48	23.49	PASS
		3	2	24.46	23.51	PASS
		3	3	24.45	23.52	PASS
		6	0	23.45	22.40	PASS
	HCH	1	0	24.61	23.95	PASS
		1	3	24.98	23.96	PASS
		1	5	24.64	23.92	PASS

		3	0	24.58	23.85	PASS
		3	2	24.70	23.86	PASS
		3	3	24.57	23.89	PASS
		6	0	24.30	23.39	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK/ 16QAM	LCH	1	0	24.64	23.93	PASS
		1	7	24.65	23.94	PASS
		1	14	24.57	23.88	PASS
		8	0	23.65	22.65	PASS
		8	4	23.60	22.70	PASS
		8	7	23.62	22.63	PASS
		15	0	23.55	22.52	PASS
	MCH	1	0	24.42	23.75	PASS
		1	7	24.72	23.94	PASS
		1	14	24.44	23.78	PASS
		8	0	23.49	22.55	PASS
		8	4	23.52	22.57	PASS
		8	7	23.47	22.53	PASS
		15	0	23.47	22.42	PASS
	HCH	1	0	24.22	23.92	PASS
		1	7	24.54	23.96	PASS
		1	14	24.29	23.91	PASS
		8	0	23.81	22.79	PASS
		8	4	23.89	22.82	PASS
		8	7	23.82	22.77	PASS
		15	0	23.78	22.77	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK/16 QAM	LCH	1	0	24.44	23.90	PASS
		1	12	24.54	23.93	PASS
		1	24	24.50	23.92	PASS

		12	0	23.57	22.70	PASS
		12	6	23.64	22.84	PASS
		12	13	23.64	22.78	PASS
		25	0	23.66	22.68	PASS
	MCH	1	0	24.44	23.78	PASS
		1	12	24.65	23.98	PASS
		1	24	24.38	23.70	PASS
		12	0	23.50	22.65	PASS
		12	6	23.53	22.72	PASS
		12	13	23.45	22.61	PASS
		25	0	23.53	22.55	PASS
	HCH	1	0	24.48	23.63	PASS
		1	12	24.27	23.91	PASS
		1	24	24.58	23.67	PASS
		12	0	23.84	22.87	PASS
		12	6	23.84	22.85	PASS
		12	13	23.81	22.82	PASS
		25	0	23.85	22.85	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK/ 16QAM	LCH	1	0	24.61	23.89	PASS
		1	24	24.61	23.91	PASS
		1	49	24.55	23.80	PASS
		25	0	23.57	22.60	PASS
		25	12	23.62	22.60	PASS
		25	25	23.74	22.73	PASS
		50	0	23.65	22.65	PASS
	MCH	1	0	24.53	23.78	PASS
		1	24	24.62	23.91	PASS
		1	49	24.41	23.69	PASS
		25	0	23.58	22.57	PASS
		25	12	23.52	22.53	PASS
		25	25	23.50	22.51	PASS
		50	0	23.51	22.50	PASS
	HCH	1	0	24.90	23.99	PASS
		1	24	24.22	23.91	PASS
		1	49	24.58	23.99	PASS

		25	0	23.99	22.96	PASS
		25	12	23.86	22.82	PASS
		25	25	23.80	22.80	PASS
		50	0	23.88	22.91	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK/ 16QAM	LCH	1	0	24.53	23.82	PASS
		1	37	24.76	23.94	PASS
		1	74	24.47	23.70	PASS
		37	0	23.57	22.53	PASS
		37	18	23.69	22.64	PASS
		37	38	23.73	22.65	PASS
		75	0	23.70	22.60	PASS
	MCH	1	0	24.44	23.73	PASS
		1	37	24.60	23.95	PASS
		1	74	24.36	23.62	PASS
		37	0	23.53	22.56	PASS
		37	18	23.57	22.56	PASS
		37	38	23.51	22.46	PASS
		75	0	23.55	22.52	PASS
	HCH	1	0	24.64	23.85	PASS
		1	37	24.35	23.96	PASS
		1	74	24.64	23.91	PASS
		37	0	24.09	22.95	PASS
		37	18	24.10	22.93	PASS
		37	38	23.91	22.81	PASS
		75	0	24.02	22.87	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK/ 16QAM	LCH	1	0	24.49	23.66	PASS
		1	49	24.76	23.90	PASS
		1	99	24.40	23.55	PASS

		50	0	23.44	22.42	PASS
		50	25	23.65	22.58	PASS
		50	50	23.56	22.49	PASS
		100	0	23.46	22.44	PASS
	MCH	1	0	24.42	23.56	PASS
		1	49	24.72	23.86	PASS
		1	99	24.25	23.49	PASS
		50	0	23.48	22.46	PASS
		50	25	23.56	22.54	PASS
		50	50	23.45	22.37	PASS
		100	0	23.47	22.44	PASS
	HCH	1	0	24.40	23.81	PASS
		1	49	24.72	23.91	PASS
		1	99	24.36	23.86	PASS
		50	0	23.73	22.70	PASS
		50	25	23.81	22.82	PASS
		50	50	23.56	22.57	PASS
		100	0	23.62	22.63	PASS

F.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	5.15	<13	PASS
		1	3	5.04	<13	PASS
		1	5	5.01	<13	PASS
		3	0	5.15	<13	PASS
		3	2	5.06	<13	PASS
		3	3	5.13	<13	PASS
		6	0	5.7	<13	PASS
	MCH	1	0	4.59	<13	PASS
		1	3	4.51	<13	PASS
		1	5	4.58	<13	PASS
		3	0	4.77	<13	PASS
		3	2	4.71	<13	PASS
		3	3	4.75	<13	PASS
		6	0	5.42	<13	PASS
	HCH	1	0	4.1	<13	PASS
		1	3	3.87	<13	PASS
		1	5	4.12	<13	PASS
		3	0	4.35	<13	PASS
		3	2	4.22	<13	PASS
		3	3	4.37	<13	PASS
		6	0	4.96	<13	PASS
16QAM	LCH	1	0	6	<13	PASS
		1	3	5.9	<13	PASS
		1	5	5.97	<13	PASS
		3	0	6.1	<13	PASS
		3	2	6.01	<13	PASS
		3	3	6.1	<13	PASS
		6	0	6.61	<13	PASS
	MCH	1	0	5.53	<13	PASS
		1	3	5.5	<13	PASS
		1	5	5.64	<13	PASS
		3	0	5.71	<13	PASS
		3	2	5.66	<13	PASS

		3	3	5.74	<13	PASS
		6	0	6.33	<13	PASS
	HCH	1	0	4.75	<13	PASS
		1	3	4.65	<13	PASS
		1	5	4.77	<13	PASS
		3	0	4.73	<13	PASS
		3	2	4.67	<13	PASS
		3	3	4.75	<13	PASS
		6	0	5.82	<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	5	<13	PASS
		1	7	4.94	<13	PASS
		1	14	4.94	<13	PASS
		8	0	5.67	<13	PASS
		8	4	5.6	<13	PASS
		8	7	5.69	<13	PASS
		15	0	5.67	<13	PASS
	MCH	1	0	4.62	<13	PASS
		1	7	4.51	<13	PASS
		1	14	4.72	<13	PASS
		8	0	5.36	<13	PASS
		8	4	5.35	<13	PASS
		8	7	5.38	<13	PASS
		15	0	5.49	<13	PASS
	HCH	1	0	3.81	<13	PASS
		1	7	3.85	<13	PASS
		1	14	4.13	<13	PASS
		8	0	4.73	<13	PASS
		8	4	4.76	<13	PASS
		8	7	4.86	<13	PASS
		15	0	5.1	<13	PASS
16QAM	LCH	1	0	5.87	<13	PASS
		1	7	5.81	<13	PASS
		1	14	5.69	<13	PASS
		8	0	6.37	<13	PASS
		8	4	6.3	<13	PASS
		8	7	6.35	<13	PASS
		15	0	6.62	<13	PASS
	MCH	1	0	5.39	<13	PASS
		1	7	5.39	<13	PASS
		1	14	5.66	<13	PASS
		8	0	6.15	<13	PASS
		8	4	6.12	<13	PASS
		8	7	6.16	<13	PASS
		15	0	6.41	<13	PASS
	HCH	1	0	4.34	<13	PASS
		1	7	4.45	<13	PASS

		1	14	4.68	<13	PASS
		8	0	5.52	<13	PASS
		8	4	5.59	<13	PASS
		8	7	5.63	<13	PASS
		15	0	5.9	<13	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	4.95	<13	PASS
		1	12	4.89	<13	PASS
		1	24	4.77	<13	PASS
		12	0	5.6	<13	PASS
		12	6	5.57	<13	PASS
		12	13	5.53	<13	PASS
		25	0	5.68	<13	PASS
	MCH	1	0	4.45	<13	PASS
		1	12	4.44	<13	PASS
		1	24	4.7	<13	PASS
		12	0	5.29	<13	PASS
		12	6	5.31	<13	PASS
		12	13	5.38	<13	PASS
		25	0	5.49	<13	PASS
	HCH	1	0	3.32	<13	PASS
		1	12	3.95	<13	PASS
		1	24	4.13	<13	PASS
		12	0	4.35	<13	PASS
		12	6	4.5	<13	PASS
		12	13	4.86	<13	PASS
		25	0	4.97	<13	PASS
16QAM	LCH	1	0	5.87	<13	PASS
		1	12	5.71	<13	PASS
		1	24	5.7	<13	PASS
		12	0	6.43	<13	PASS
		12	6	6.39	<13	PASS
		12	13	6.38	<13	PASS
		25	0	6.53	<13	PASS
	MCH	1	0	5.35	<13	PASS
		1	12	5.32	<13	PASS
		1	24	5.55	<13	PASS
		12	0	6.12	<13	PASS
		12	6	6.1	<13	PASS
		12	13	6.19	<13	PASS
		25	0	6.3	<13	PASS
	HCH	1	0	3.79	<13	PASS
		1	12	4.18	<13	PASS

		1	24	4.61	<13	PASS
		12	0	5.23	<13	PASS
		12	6	5.41	<13	PASS
		12	13	5.72	<13	PASS
		25	0	5.79	<13	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	5.04	<13	PASS
		1	24	4.71	<13	PASS
		1	49	4.05	<13	PASS
		25	0	5.64	<13	PASS
		25	12	5.38	<13	PASS
		25	25	5.23	<13	PASS
		50	0	5.53	<13	PASS
	MCH	1	0	4.42	<13	PASS
		1	24	4.55	<13	PASS
		1	49	4.92	<13	PASS
		25	0	5.44	<13	PASS
		25	12	5.41	<13	PASS
		25	25	5.47	<13	PASS
		50	0	5.57	<13	PASS
	HCH	1	0	2.35	<13	PASS
		1	24	3.15	<13	PASS
		1	49	3.96	<13	PASS
		25	0	3.96	<13	PASS
		25	12	4.14	<13	PASS
		25	25	4.8	<13	PASS
		50	0	4.87	<13	PASS
16QAM	LCH	1	0	5.95	<13	PASS
		1	24	5.65	<13	PASS
		1	49	5.02	<13	PASS
		25	0	6.47	<13	PASS
		25	12	6.25	<13	PASS
		25	25	6.08	<13	PASS
		50	0	6.26	<13	PASS
	MCH	1	0	5.32	<13	PASS
		1	24	5.4	<13	PASS
		1	49	5.76	<13	PASS
		25	0	6.29	<13	PASS
		25	12	6.23	<13	PASS
		25	25	6.29	<13	PASS
		50	0	6.3	<13	PASS
	HCH	1	0	3.47	<13	PASS
		1	24	3.68	<13	PASS

		1	49	4.7	<13	PASS
		25	0	4.82	<13	PASS
		25	12	4.97	<13	PASS
		25	25	5.62	<13	PASS
		50	0	5.6	<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	8.58	<13	PASS
		1	37	4.31	<13	PASS
		1	74	10.5	<13	PASS
		37	0	4.76	<13	PASS
		37	18	5.32	<13	PASS
		37	38	4.71	<13	PASS
		75	0	4.98	<13	PASS
	MCH	1	0	8.79	<13	PASS
		1	37	4.55	<13	PASS
		1	74	10.4	<13	PASS
		37	0	4.71	<13	PASS
		37	18	5.52	<13	PASS
		37	38	4.93	<13	PASS
		75	0	4.98	<13	PASS
	HCH	1	0	8.79	<13	PASS
		1	37	2.71	<13	PASS
		1	74	10.33	<13	PASS
		37	0	4.35	<13	PASS
		37	18	4.09	<13	PASS
		37	38	4.69	<13	PASS
		75	0	4.98	<13	PASS
16QAM	LCH	1	0	9.39	<13	PASS
		1	37	5.17	<13	PASS
		1	74	11.44	<13	PASS
		37	0	6.04	<13	PASS
		37	18	6.1	<13	PASS
		37	38	5.95	<13	PASS
		75	0	6.23	<13	PASS
	MCH	1	0	8.58	<13	PASS
		1	37	5.42	<13	PASS
		1	74	10.48	<13	PASS
		37	0	5.97	<13	PASS
		37	18	6.24	<13	PASS
		37	38	6.13	<13	PASS
		75	0	6.28	<13	PASS
	HCH	1	0	8.95	<13	PASS
		1	37	3.27	<13	PASS

		1	74	11.2	<13	PASS
		37	0	5.53	<13	PASS
		37	18	4.99	<13	PASS
		37	38	5.8	<13	PASS
		75	0	6	<13	PASS

Channel Bandwidth: 20 MHz

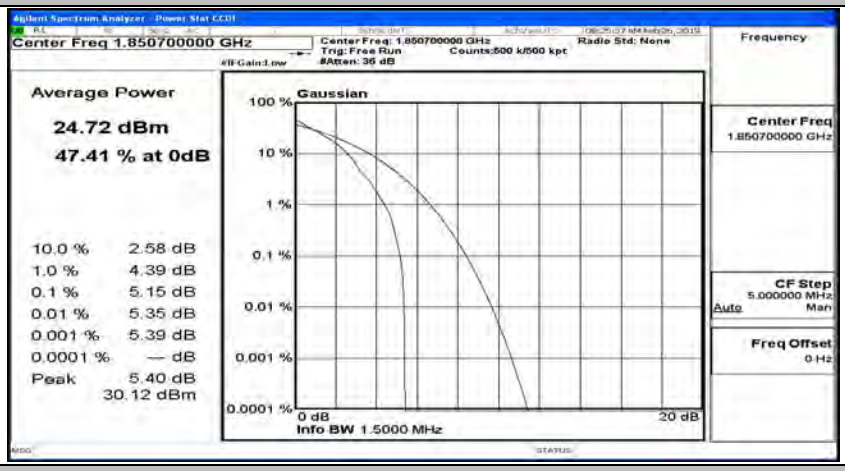
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	8.21	<13	PASS
		1	49	3.76	<13	PASS
		1	99	8.14	<13	PASS
		50	0	5.53	<13	PASS
		50	25	5.23	<13	PASS
		50	50	5.81	<13	PASS
		100	0	5.66	<13	PASS
	MCH	1	0	8.11	<13	PASS
		1	49	4.46	<13	PASS
		1	99	7.96	<13	PASS
		50	0	5.54	<13	PASS
		50	25	5.57	<13	PASS
		50	50	5.95	<13	PASS
		100	0	5.69	<13	PASS
	HCH	1	0	8.13	<13	PASS
		1	49	2.51	<13	PASS
		1	99	8.04	<13	PASS
		50	0	5.28	<13	PASS
		50	25	4.71	<13	PASS
		50	50	5.6	<13	PASS
		100	0	5.7	<13	PASS
16QAM	LCH	1	0	7.79	<13	PASS
		1	49	4.63	<13	PASS
		1	99	7.9	<13	PASS
		50	0	6.55	<13	PASS
		50	25	6.02	<13	PASS
		50	50	6.61	<13	PASS
		100	0	6.76	<13	PASS
	MCH	1	0	8.01	<13	PASS
		1	49	5.26	<13	PASS
		1	99	7.73	<13	PASS
		50	0	6.59	<13	PASS
		50	25	6.3	<13	PASS
		50	50	6.7	<13	PASS
		100	0	6.82	<13	PASS
	HCH	1	0	7.91	<13	PASS
		1	49	3.39	<13	PASS

		1	99	7.52	<13	PASS
		50	0	6.35	<13	PASS
		50	25	5.48	<13	PASS
		50	50	6.33	<13	PASS
		100	0	6.56	<13	PASS

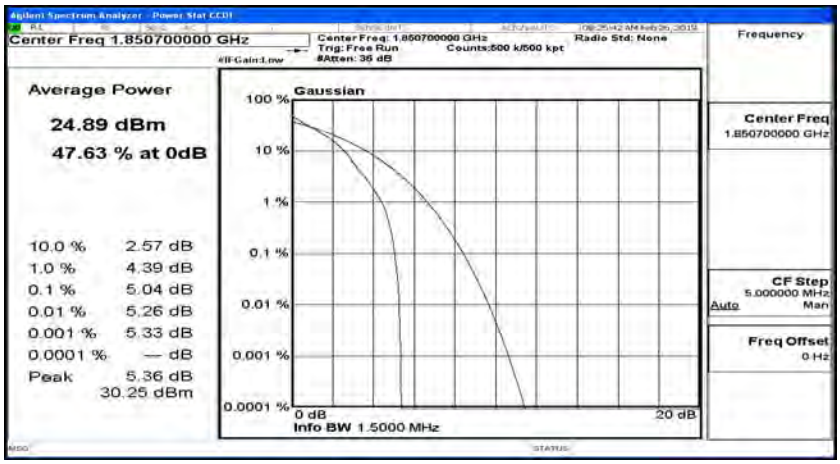
Test Graphs

Channel Bandwidth: 1.4 MHz

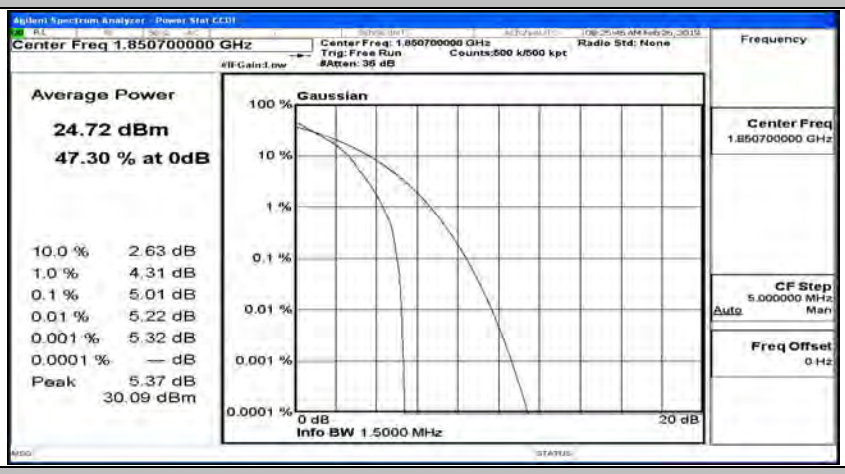
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



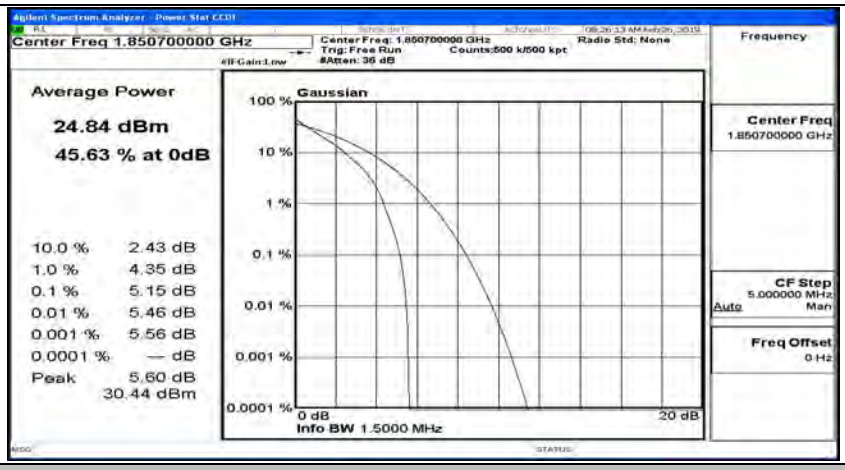
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



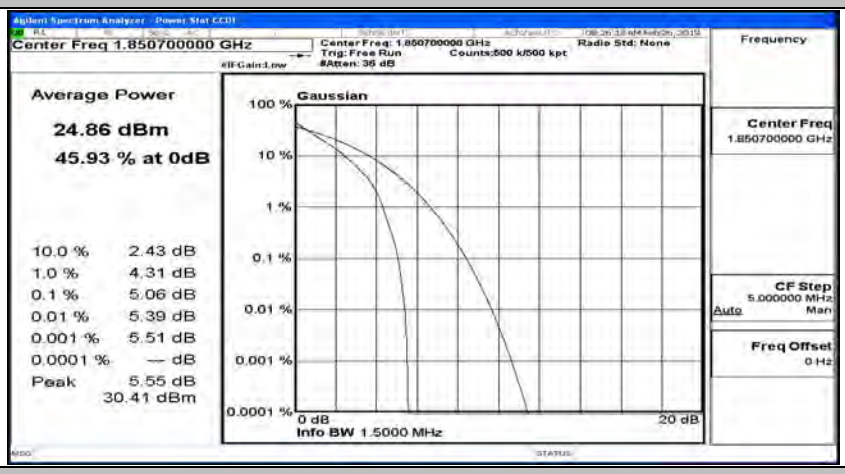
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



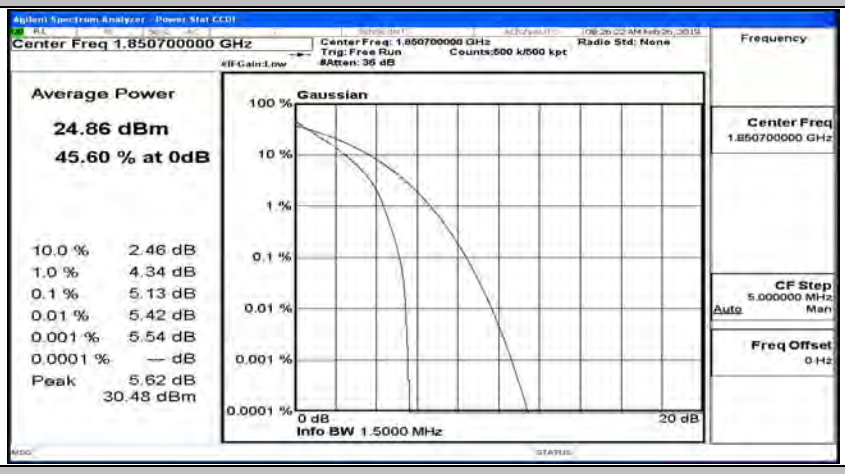
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



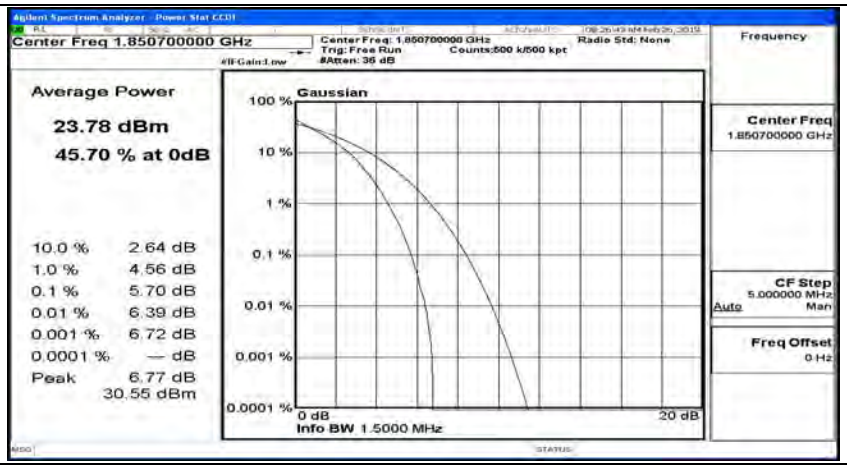
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



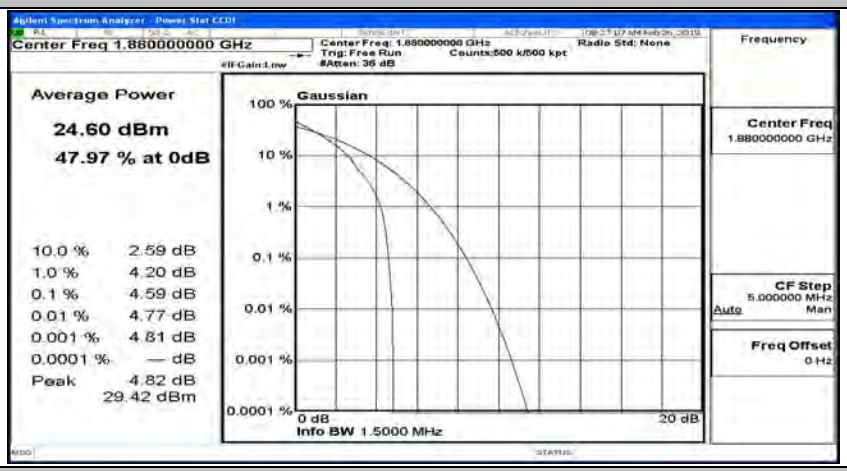
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



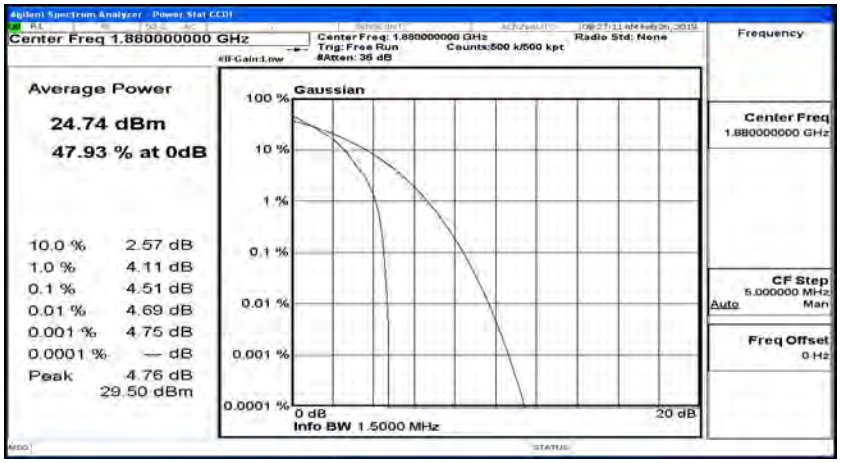
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



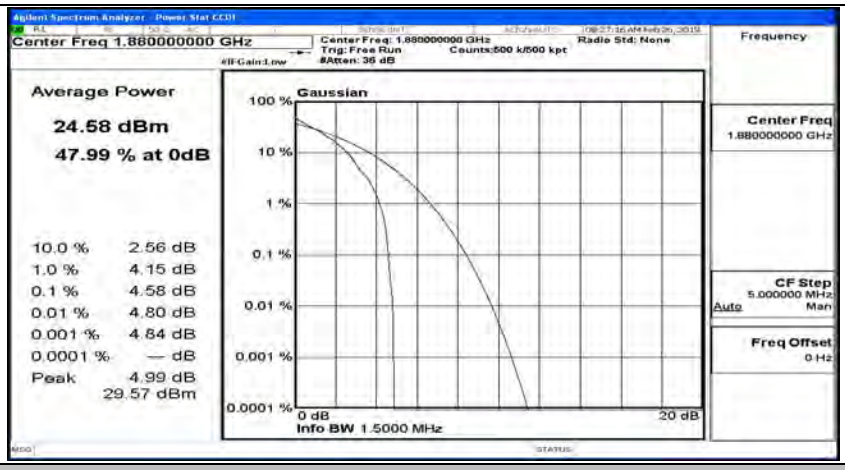
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



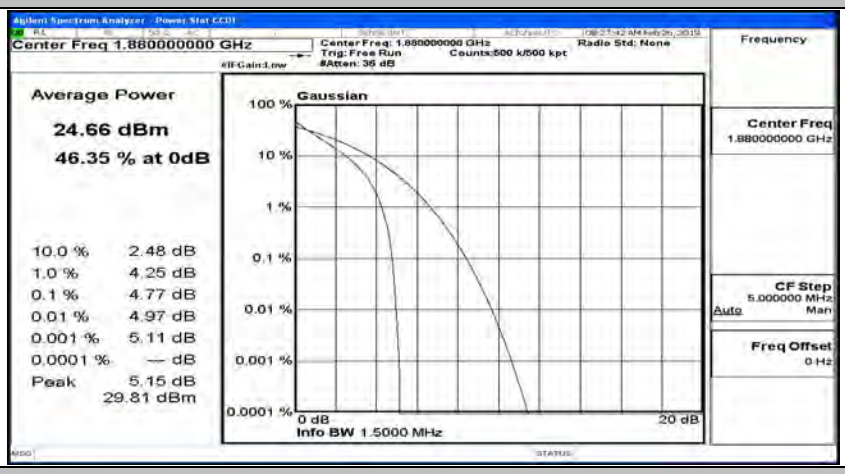
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



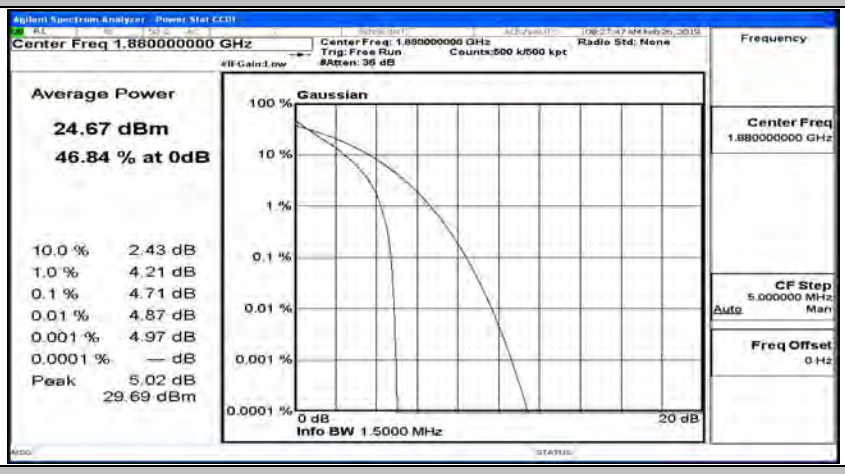
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



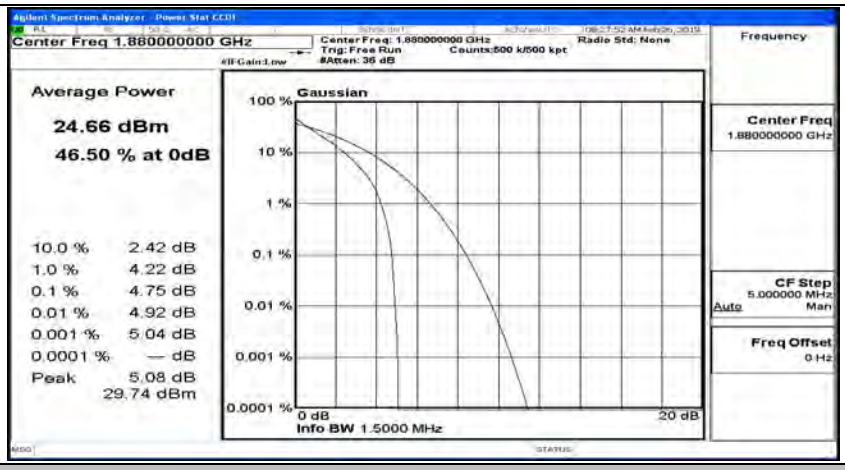
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



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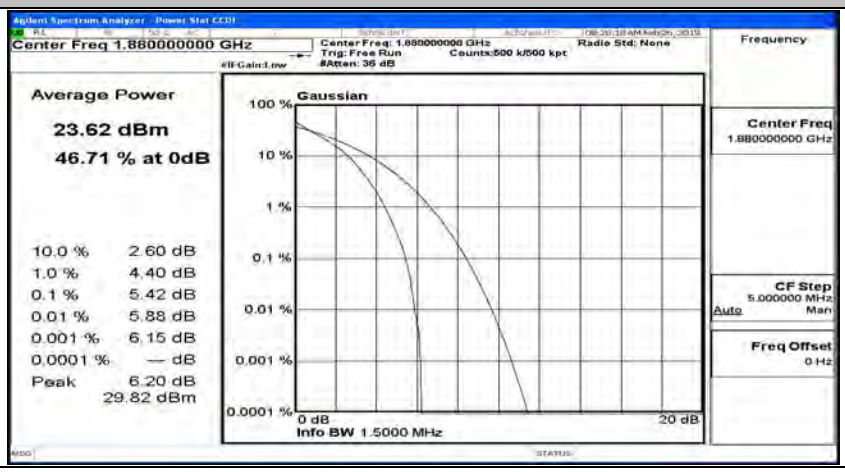
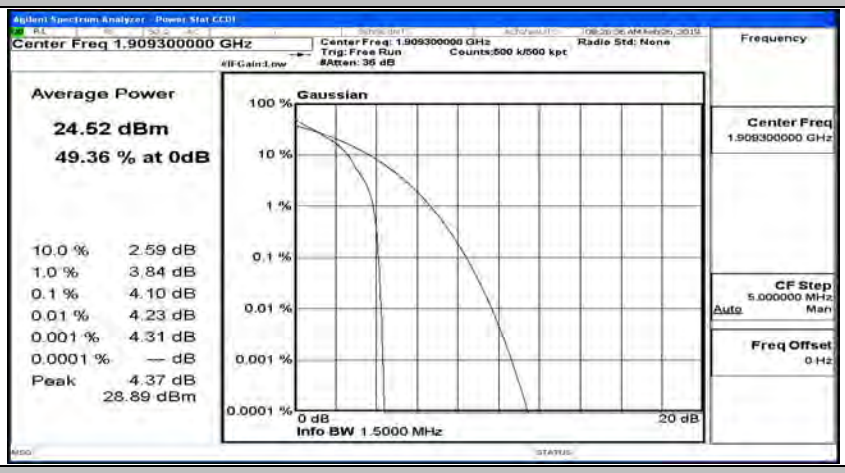
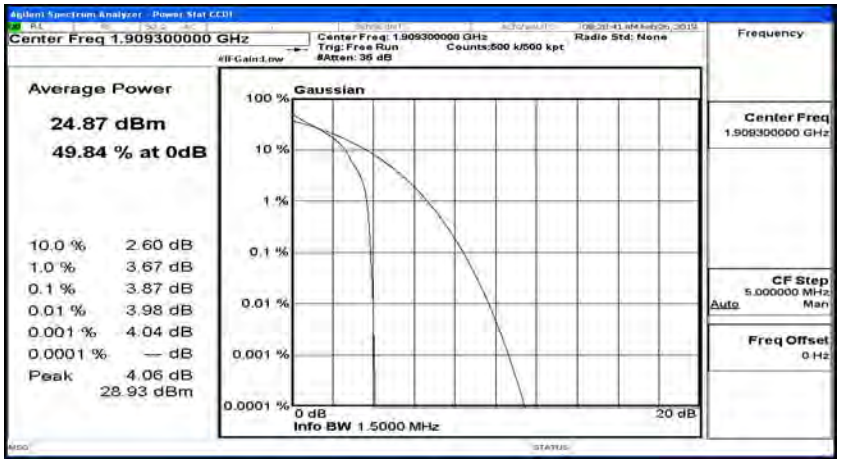


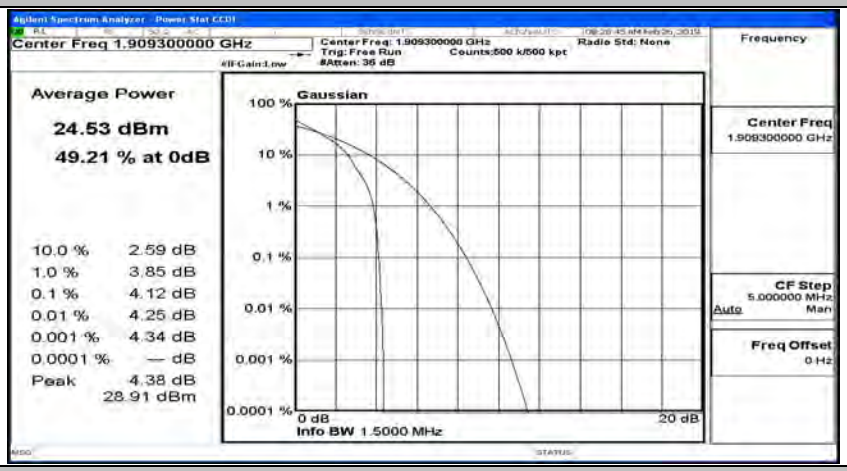
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



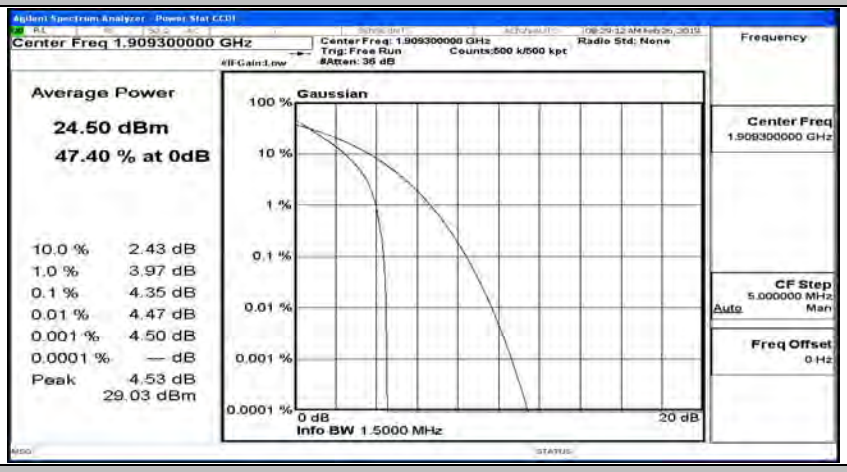
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



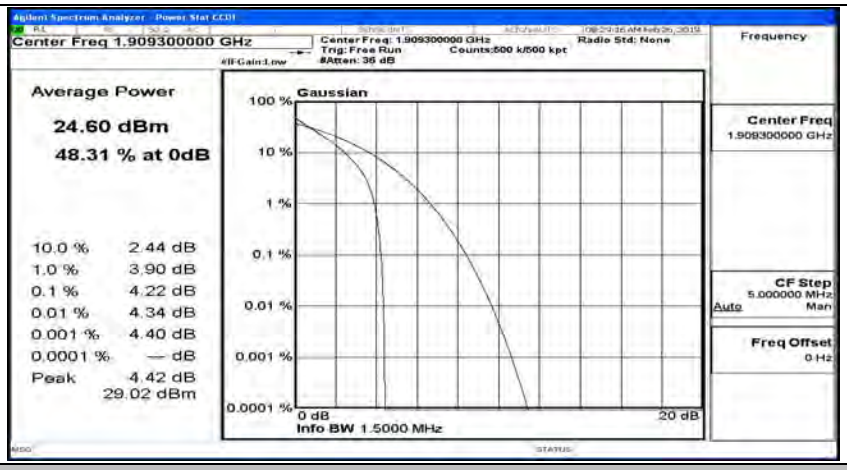
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



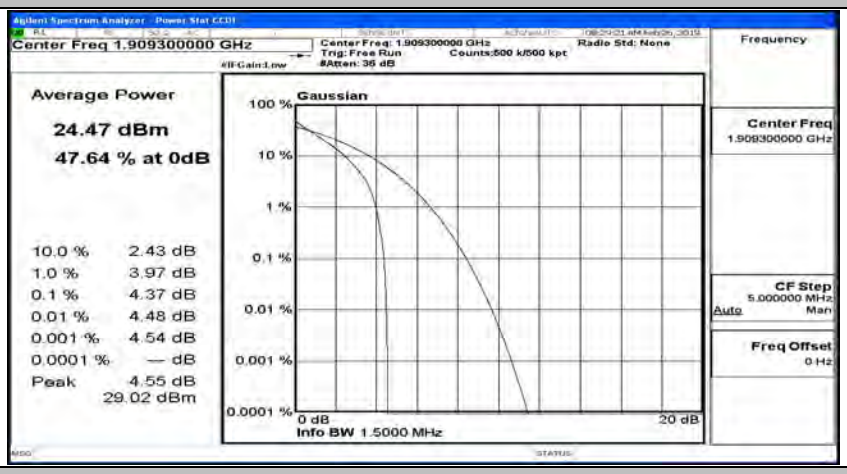
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



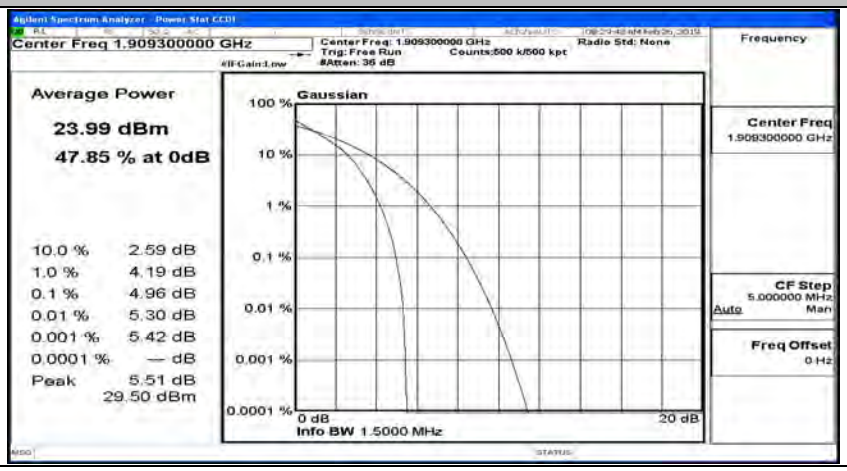
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



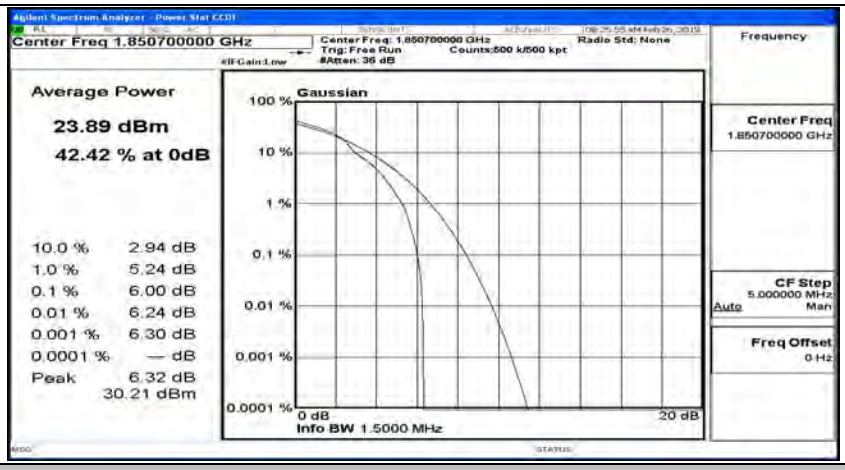
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



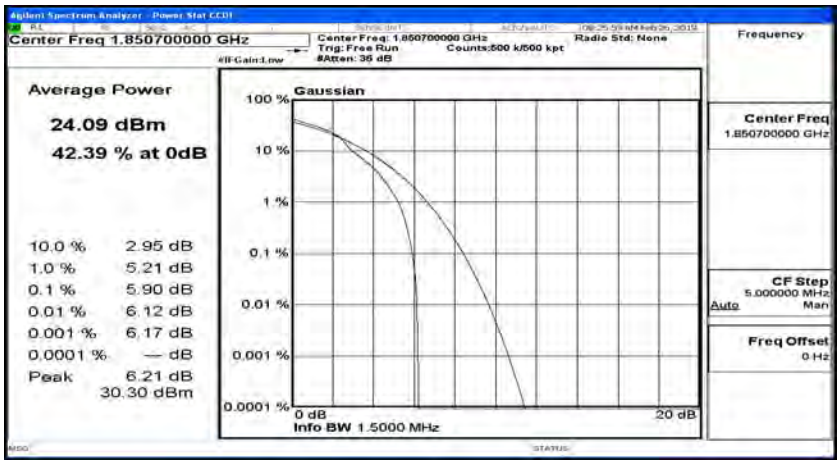
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



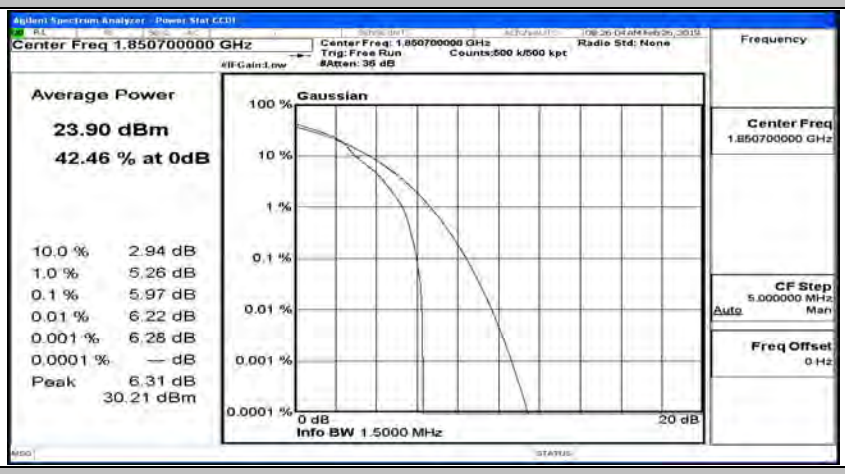
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



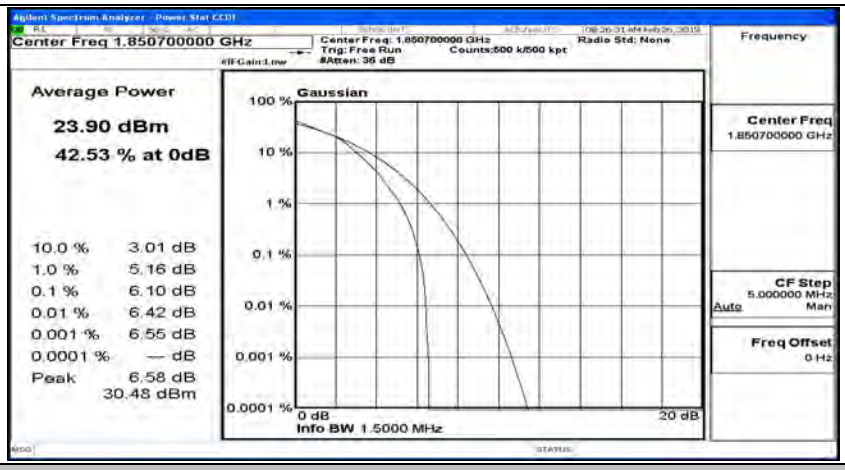
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



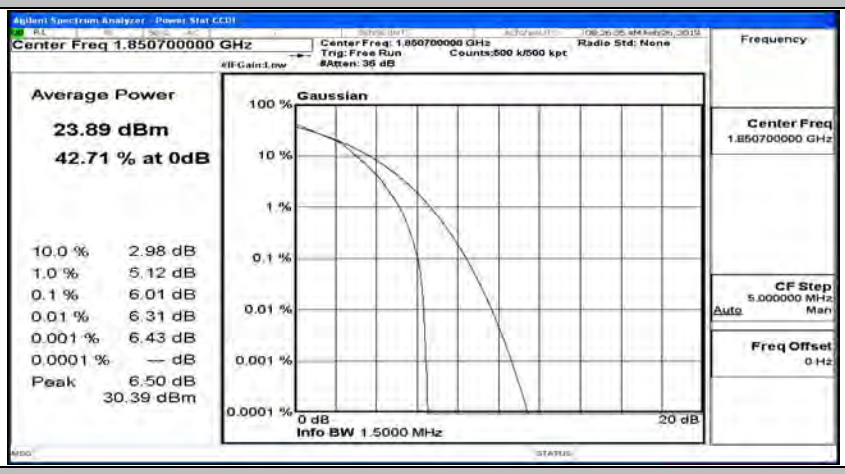
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



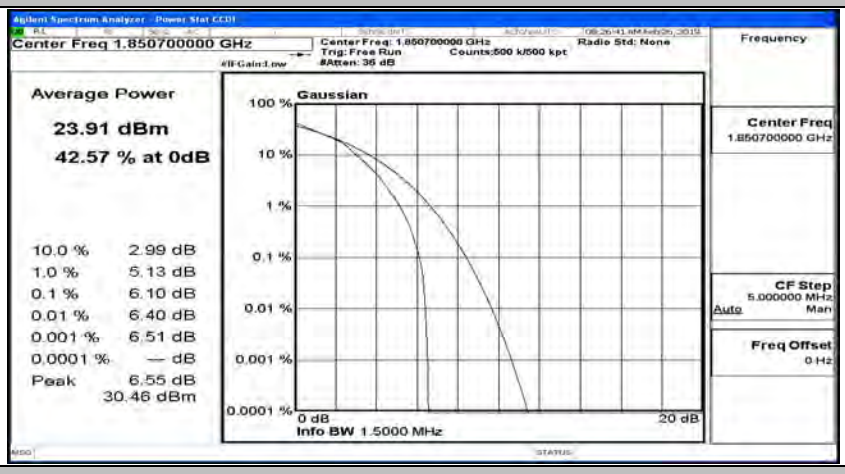
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



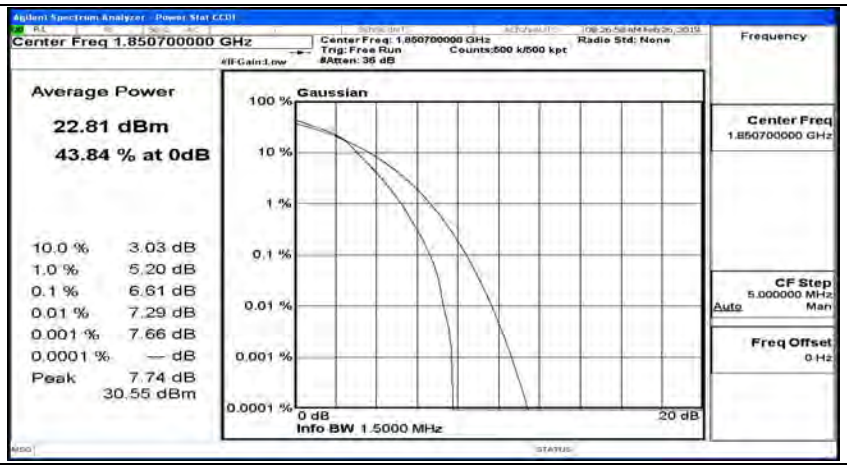
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



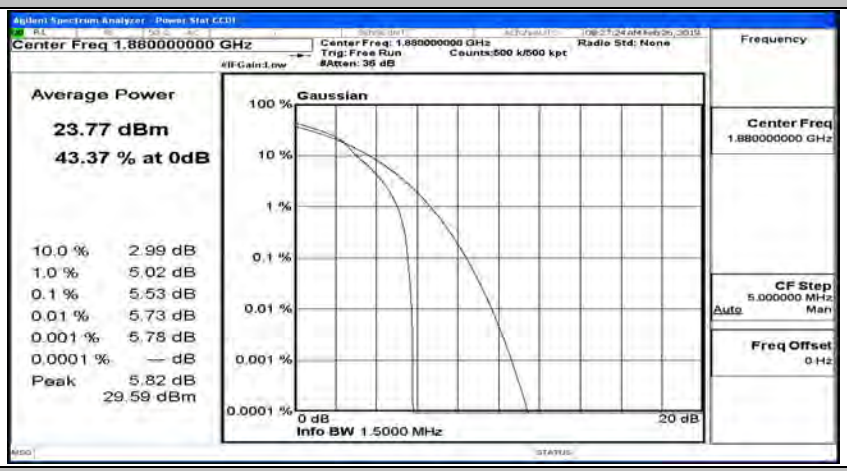
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



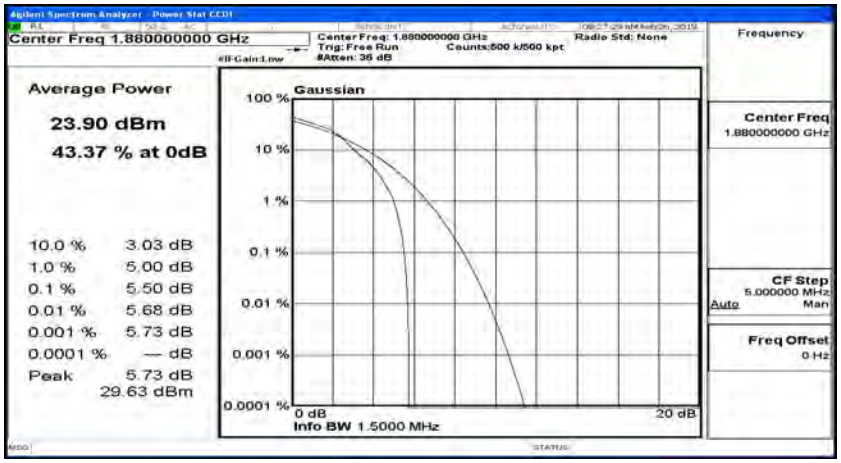
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



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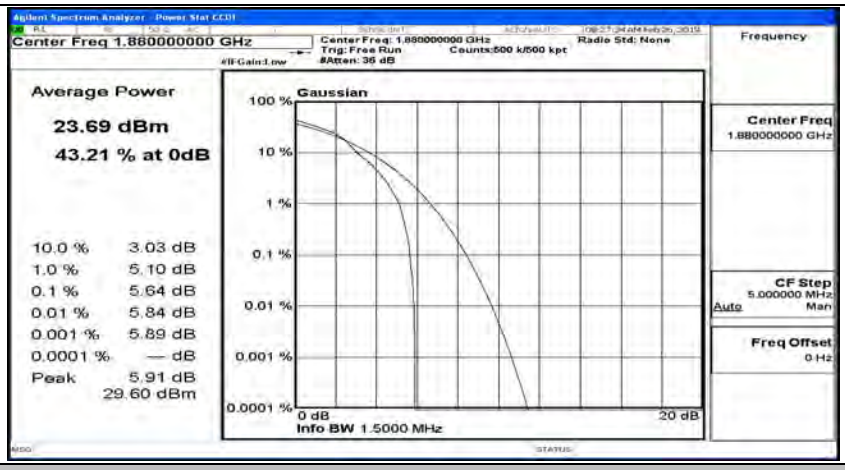

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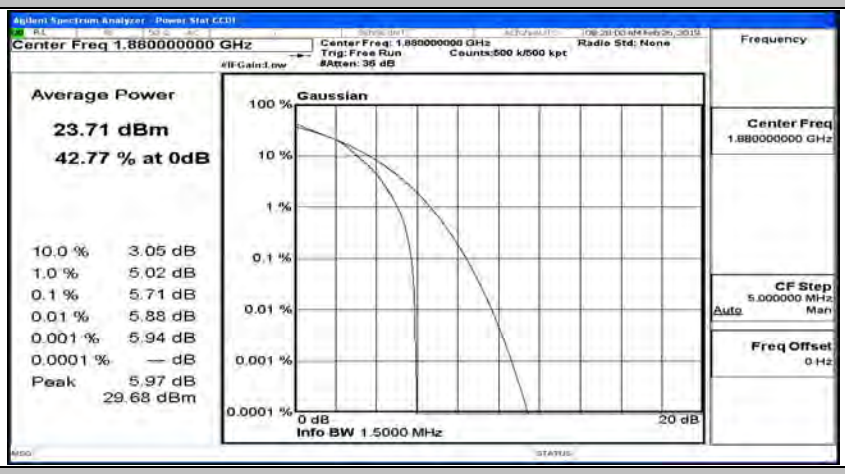
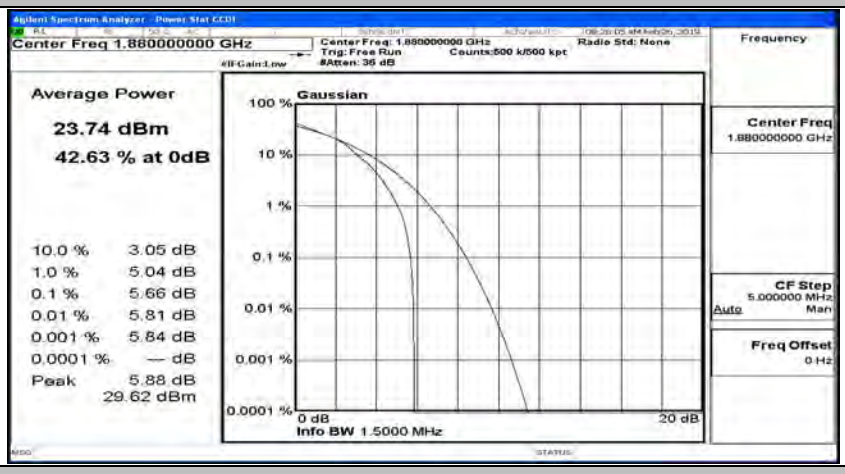
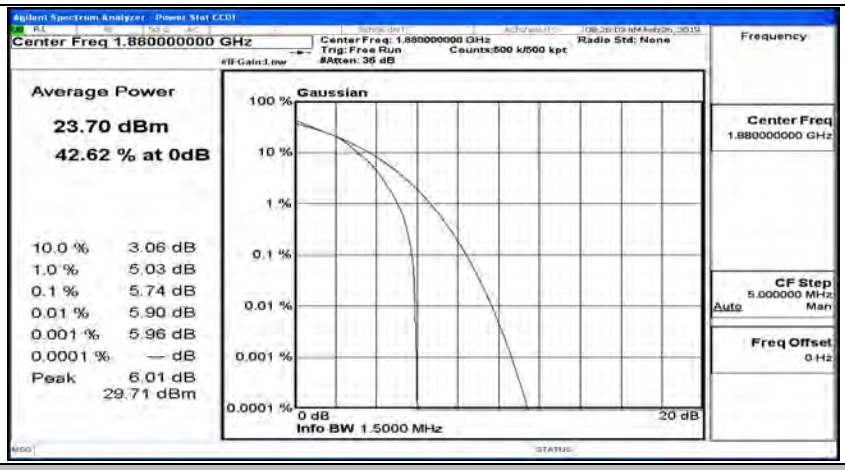


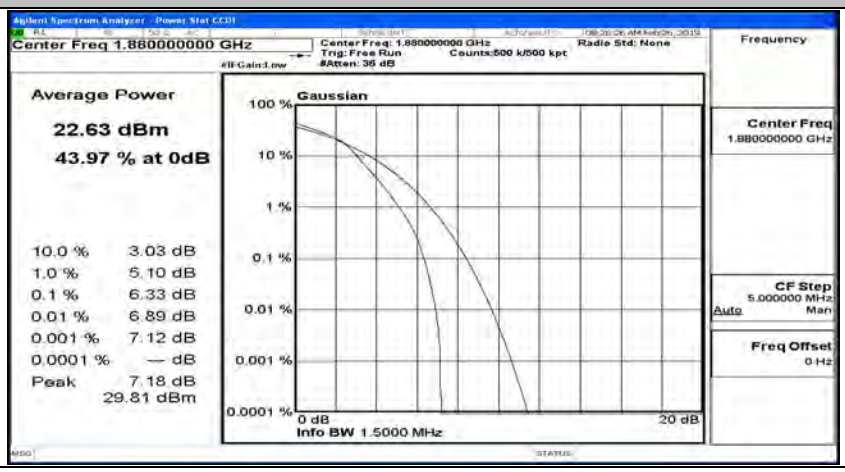
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



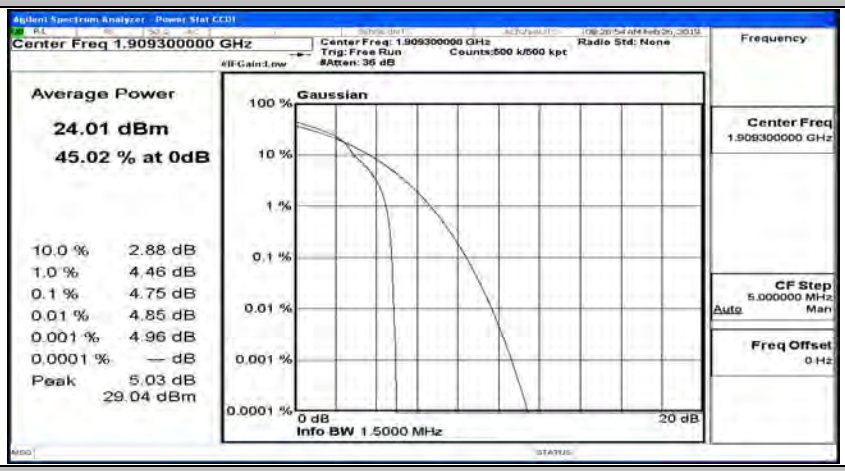
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



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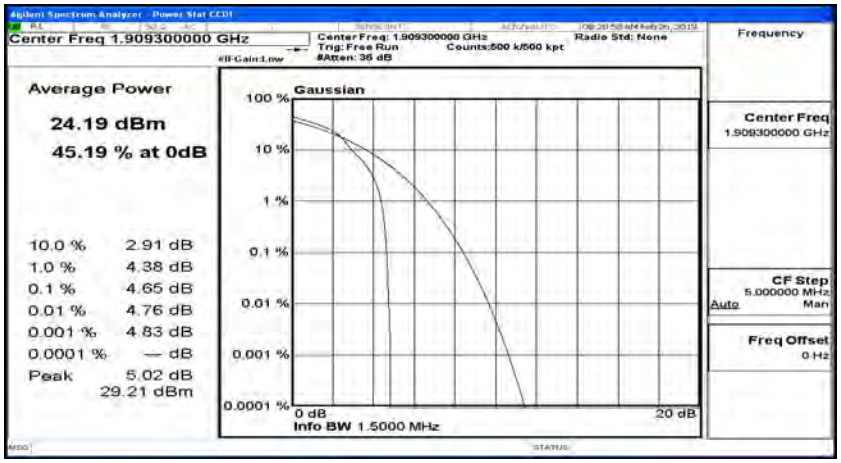

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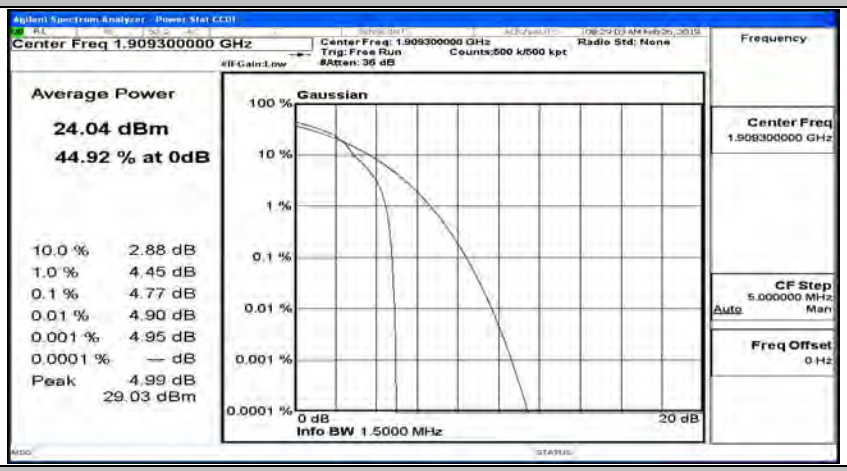

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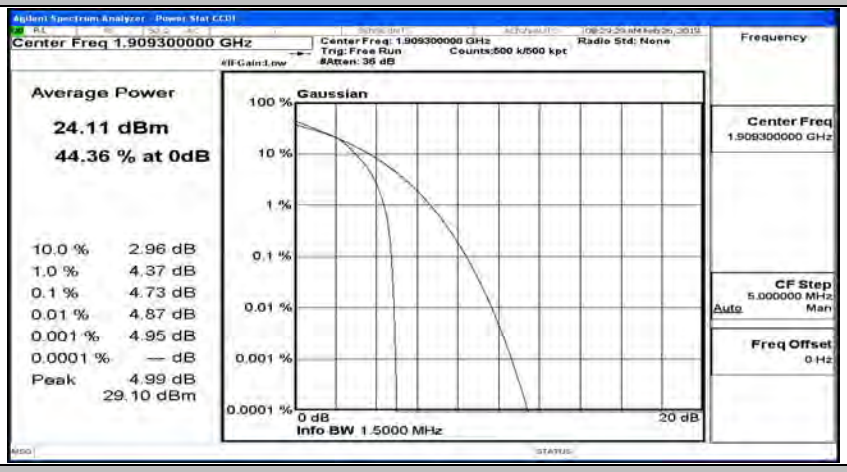
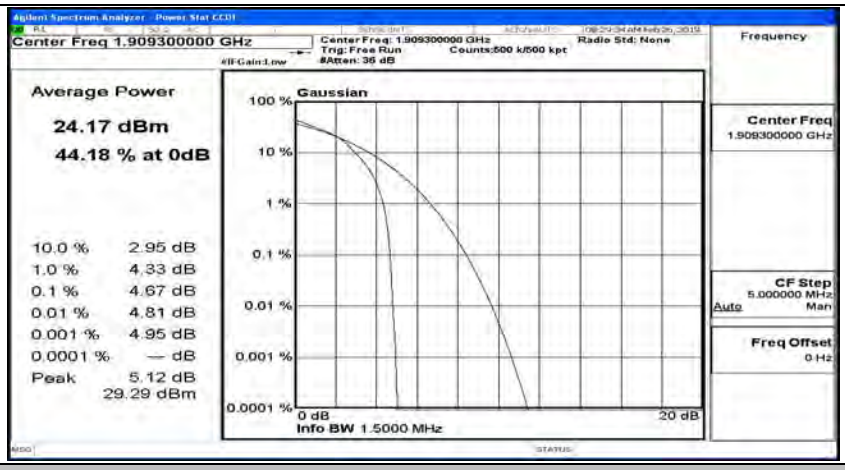
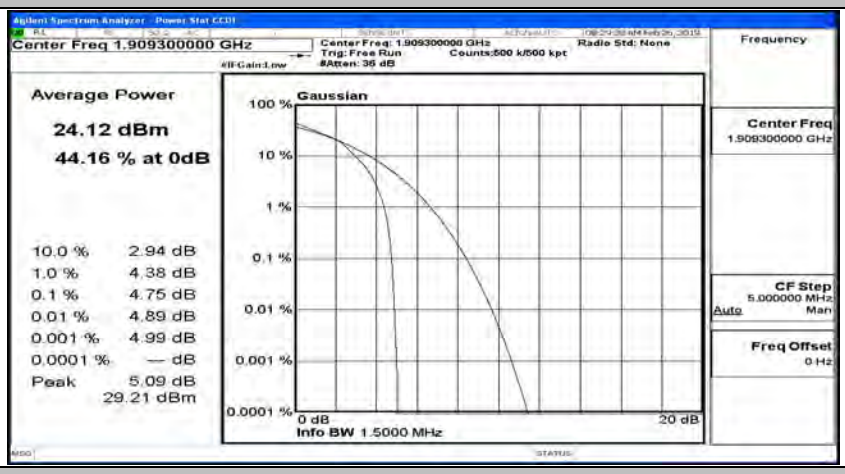


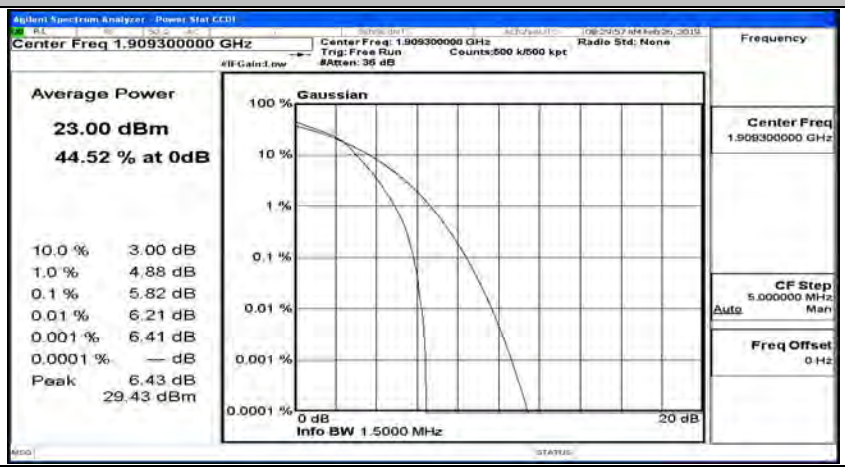
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

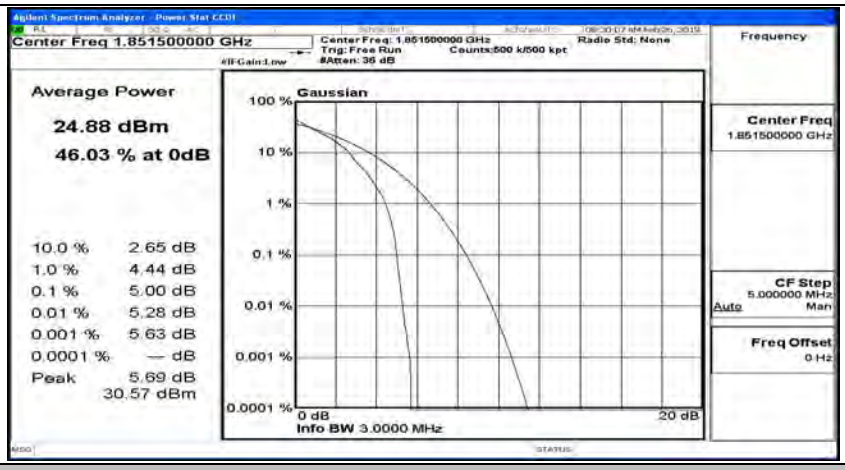


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

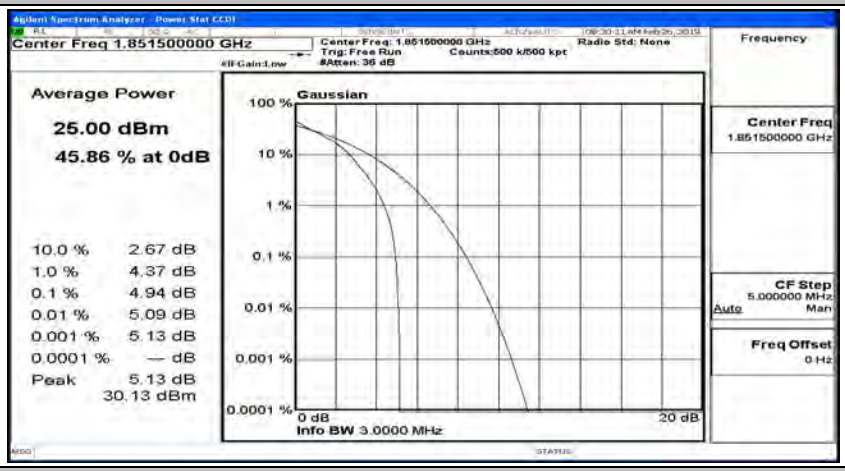


Channel Bandwidth: 3 MHz

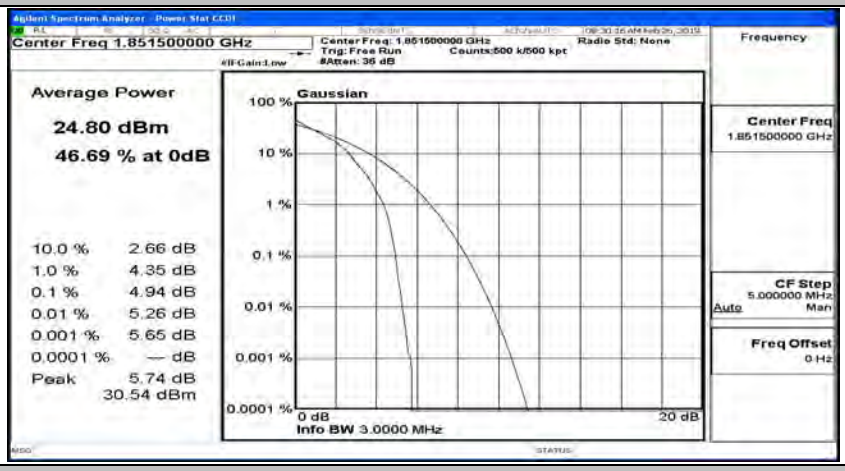
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



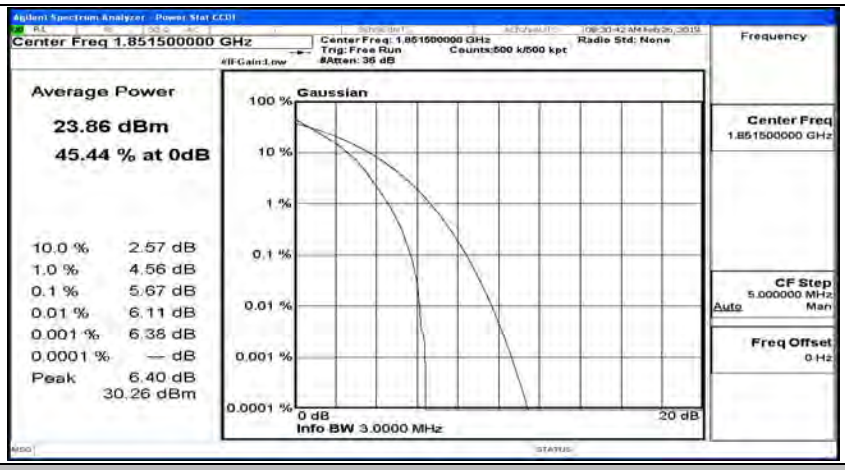
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



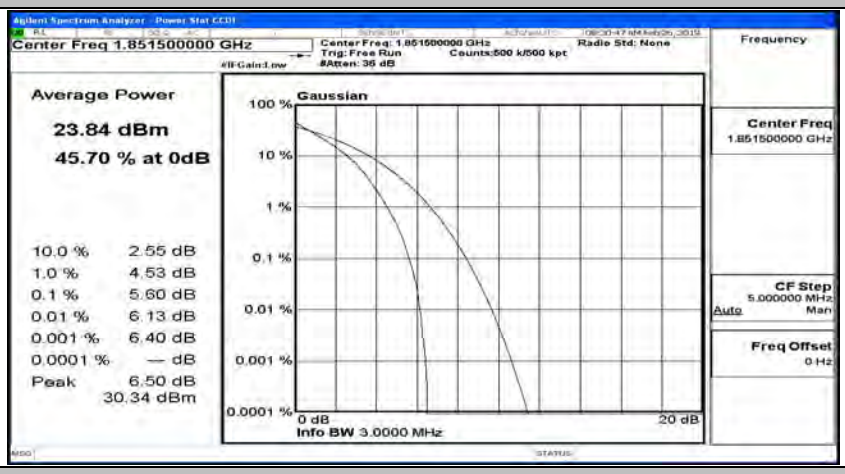
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



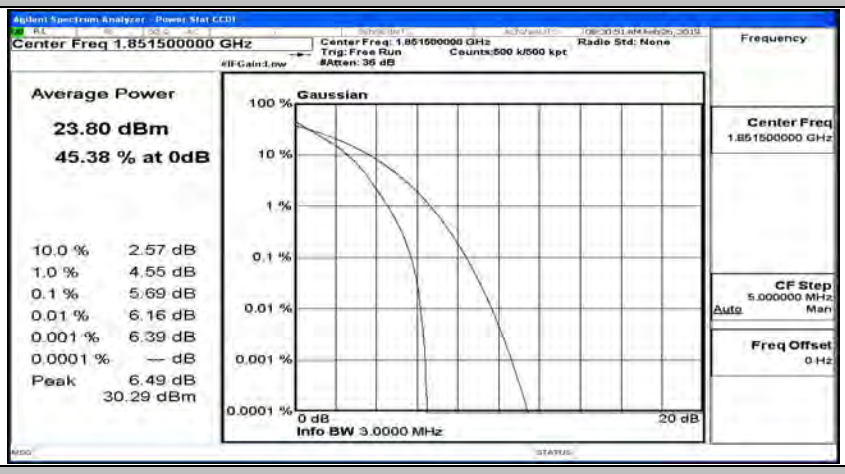
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



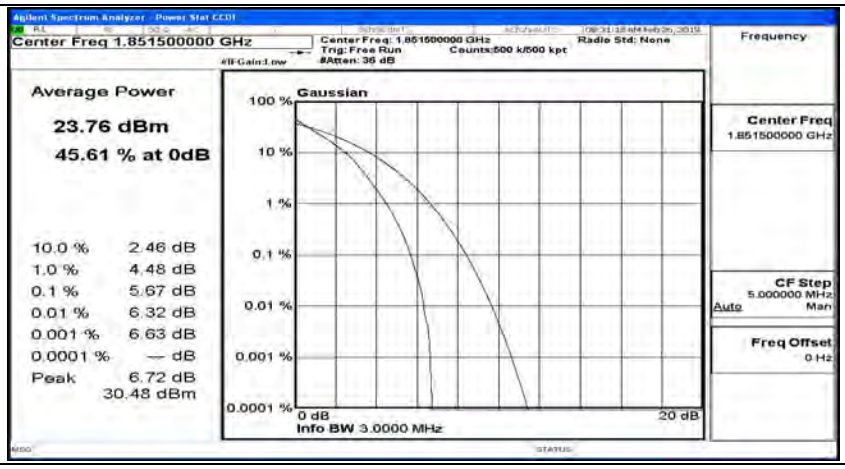
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



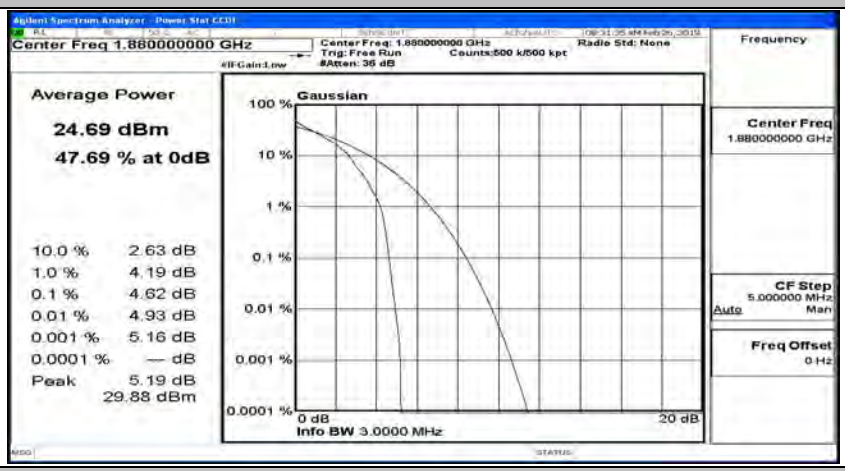
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0

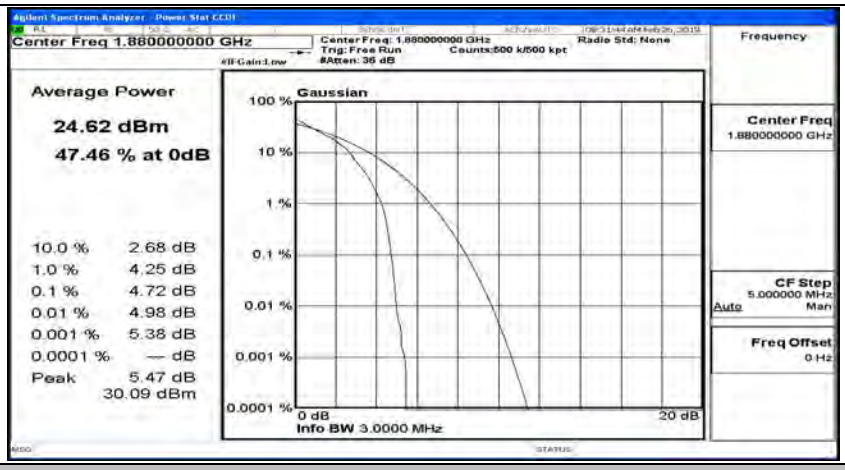


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

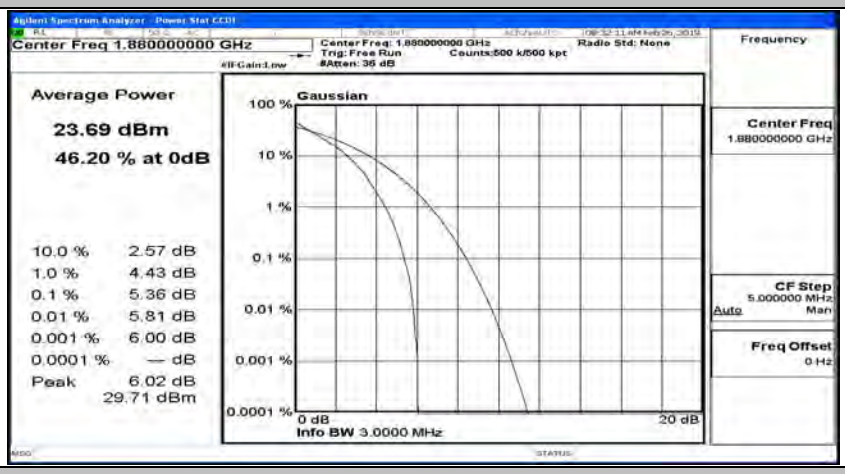


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

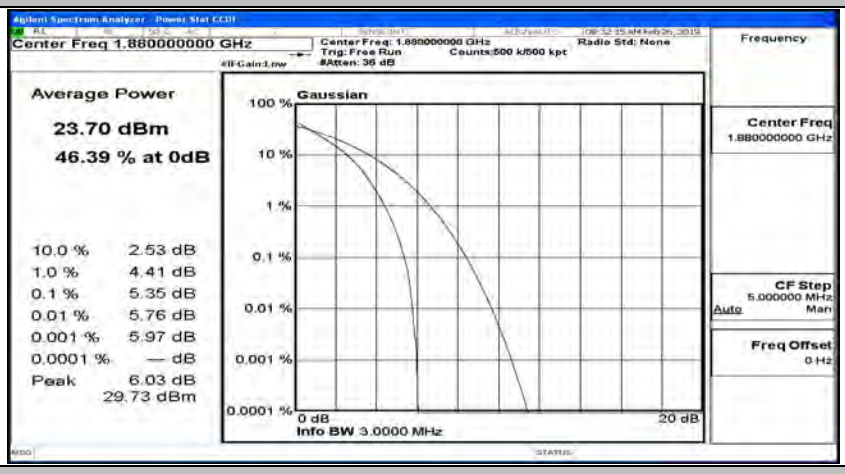
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



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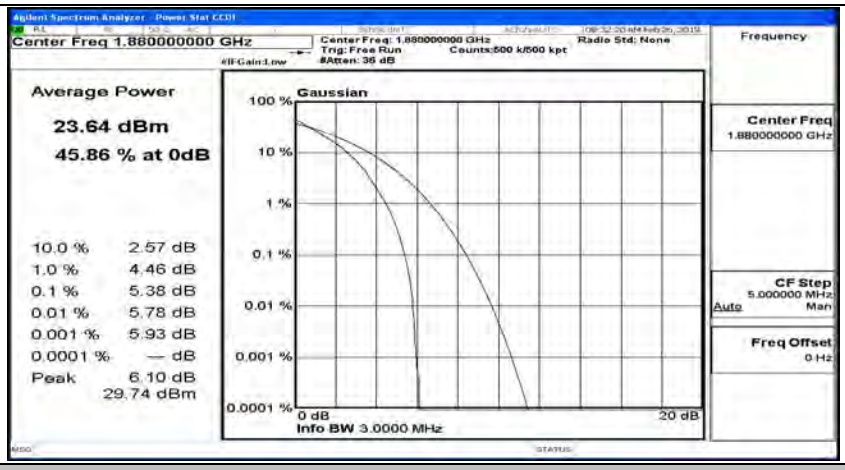
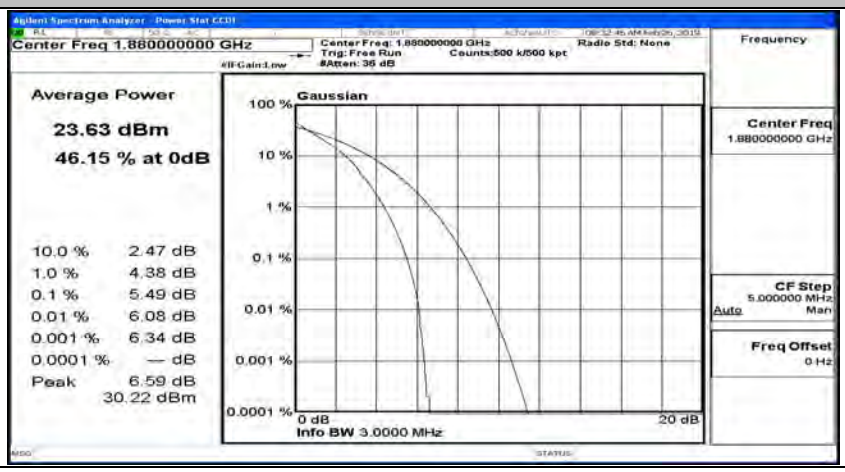
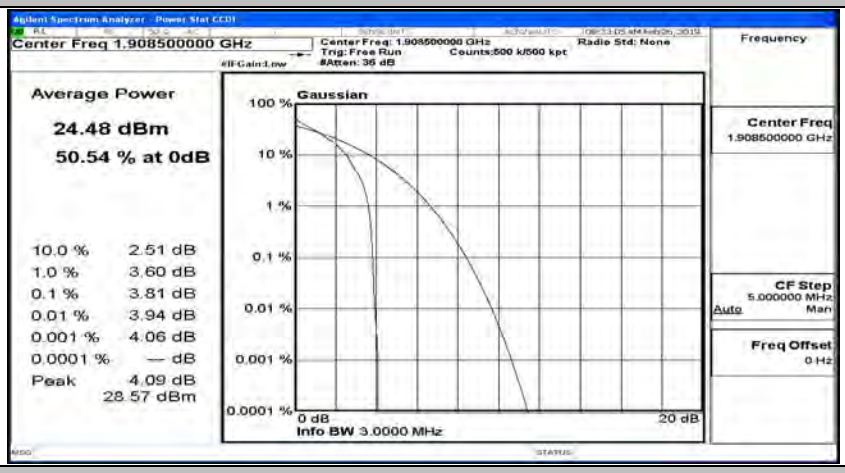


(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



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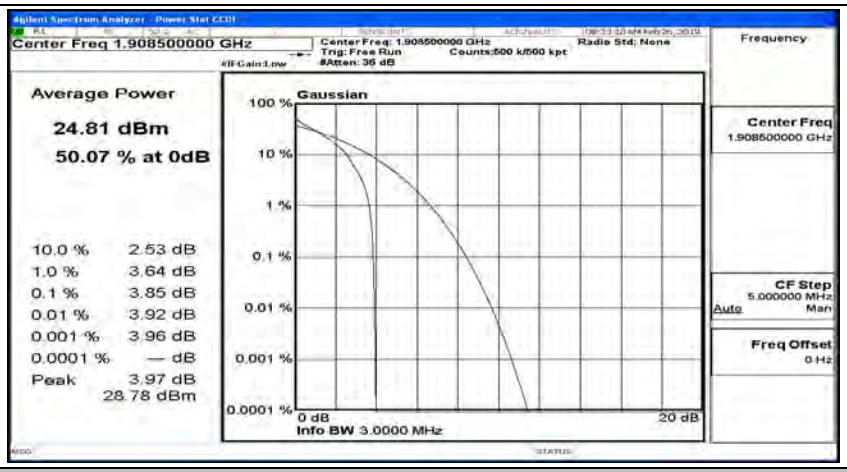

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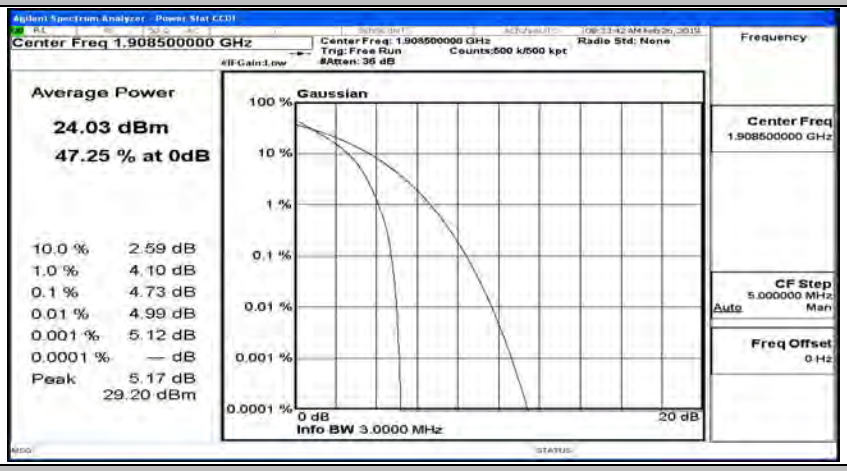
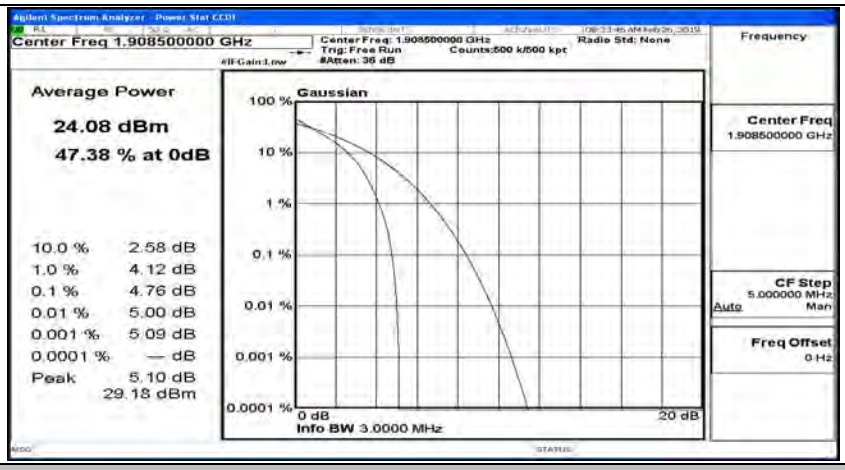
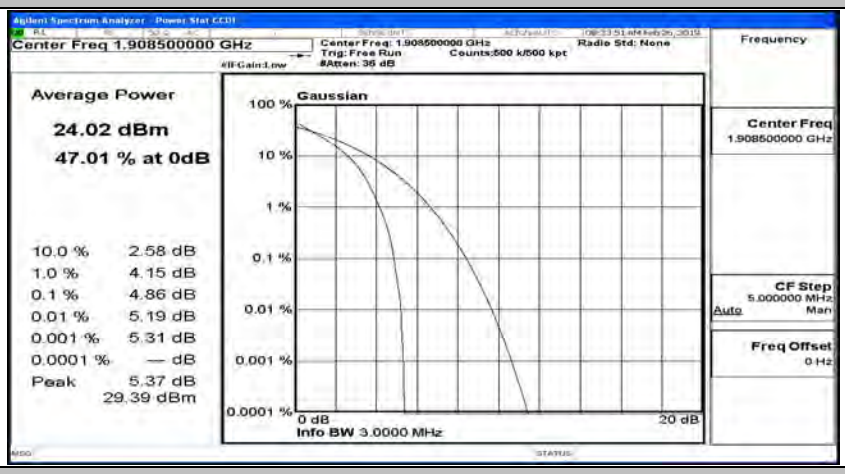
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



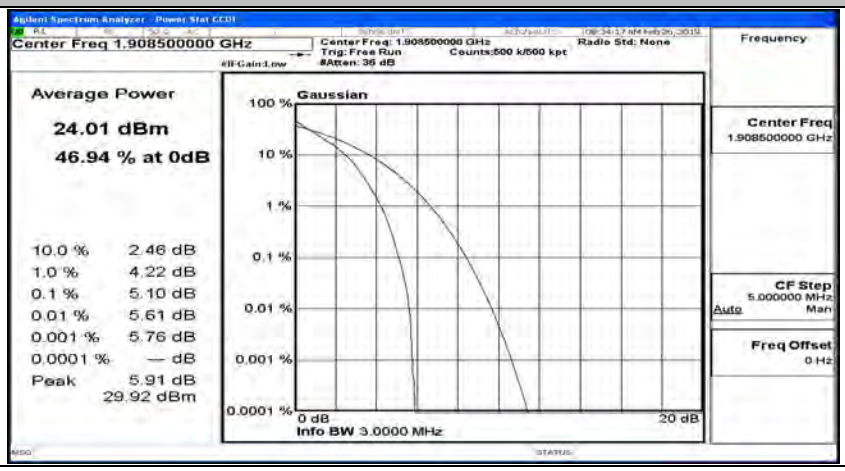
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



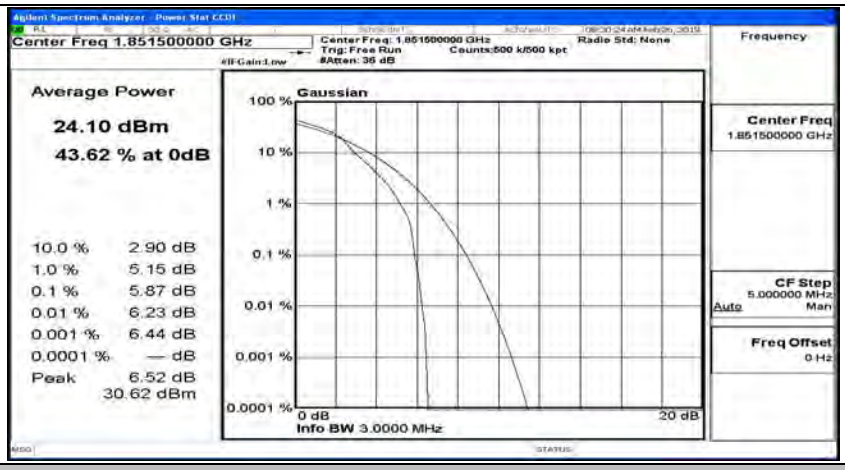
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0

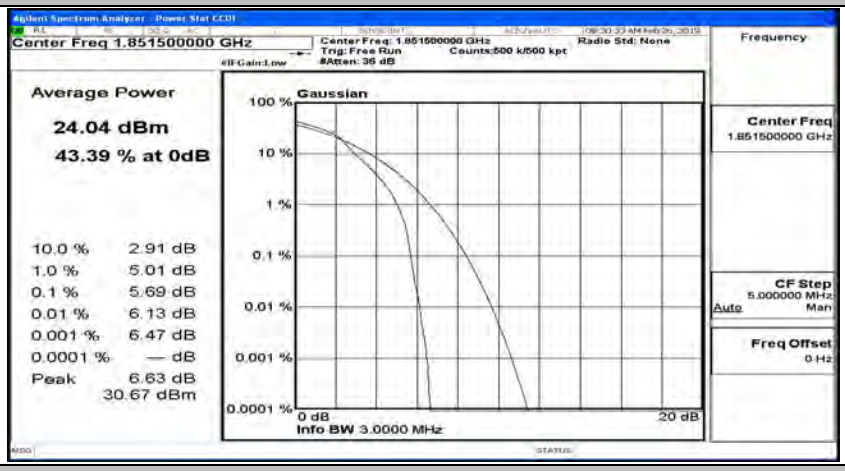


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7

(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



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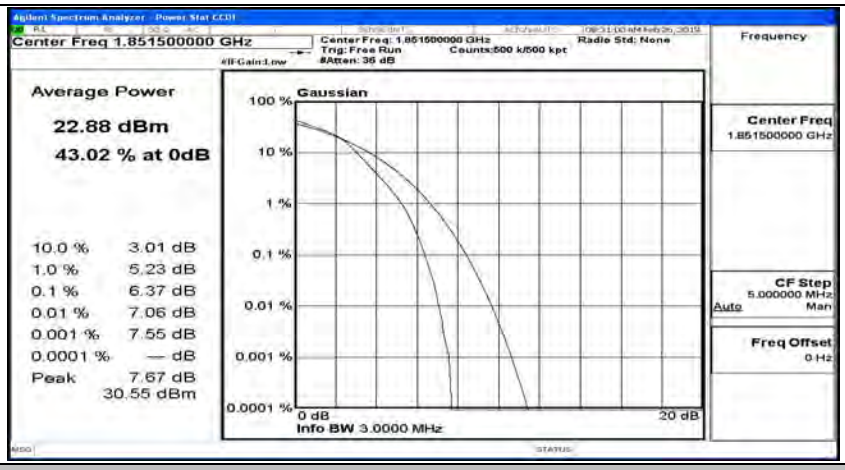
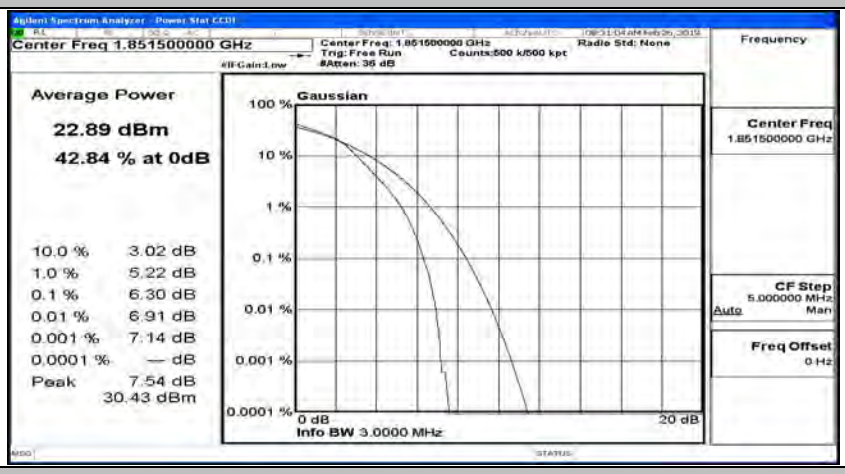
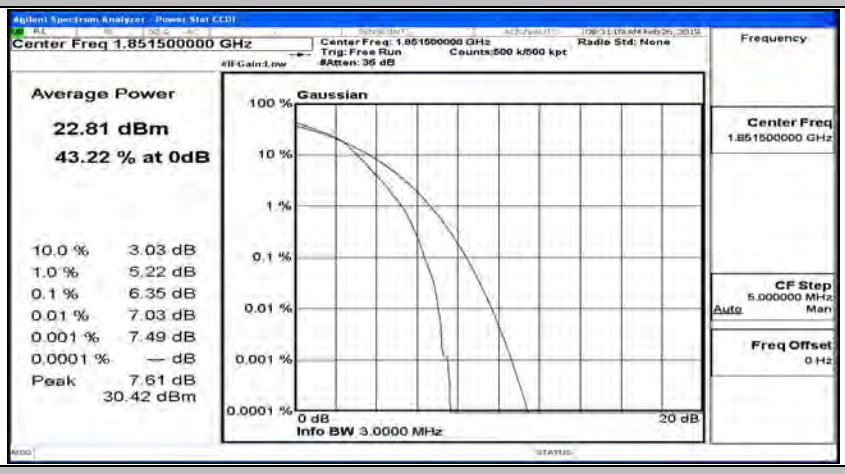


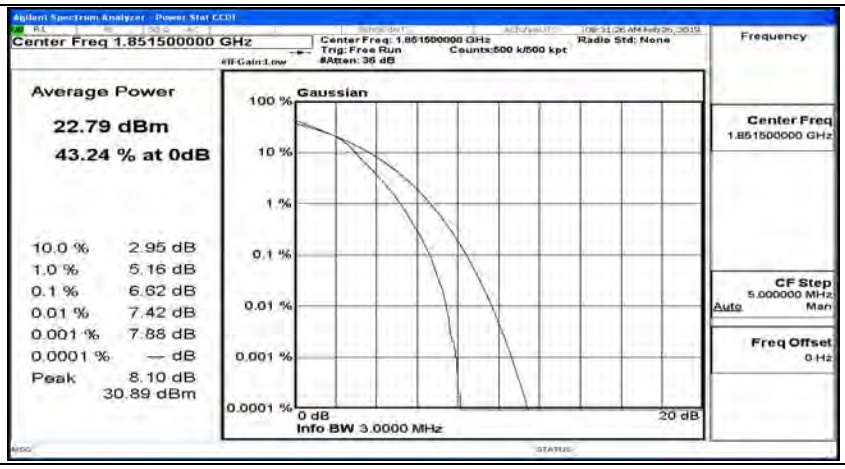
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



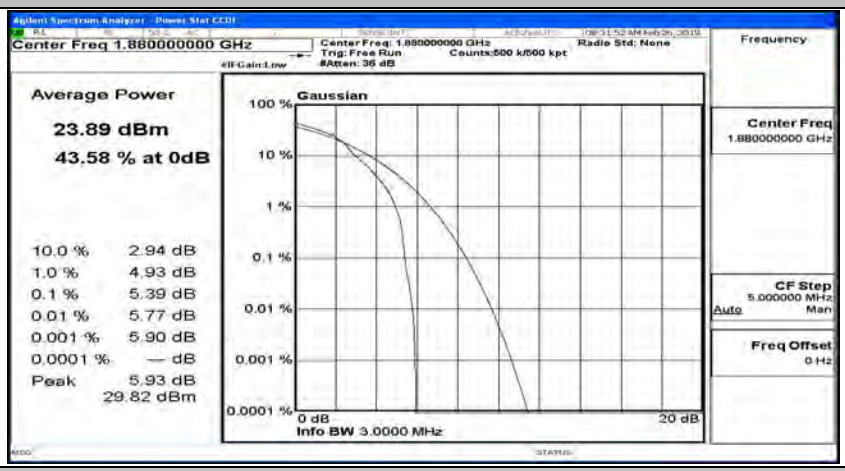
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0

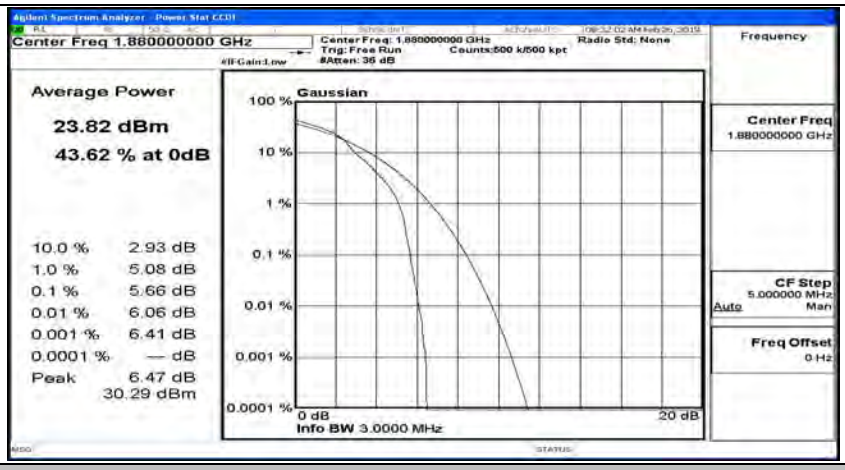


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



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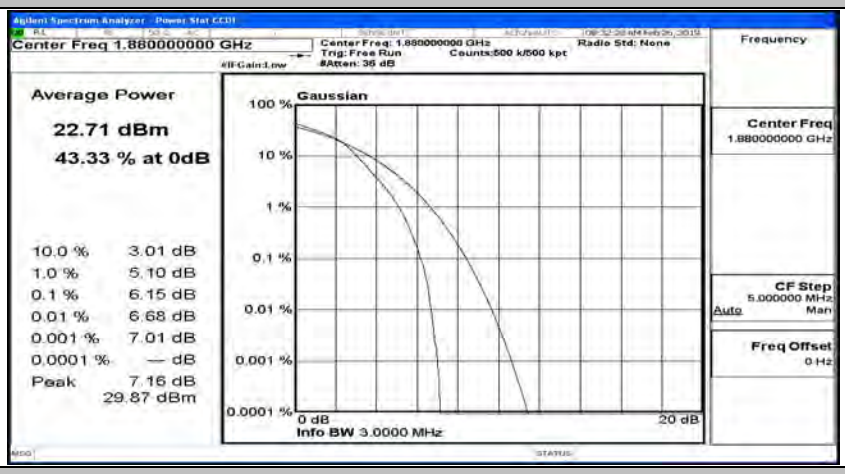
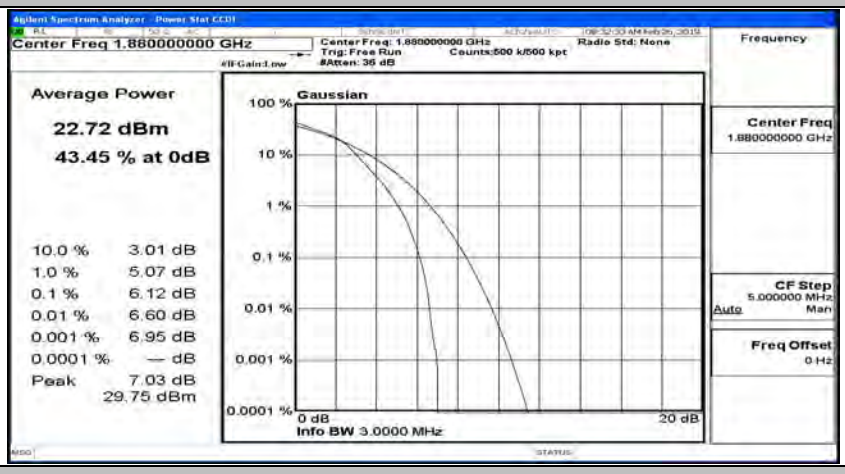
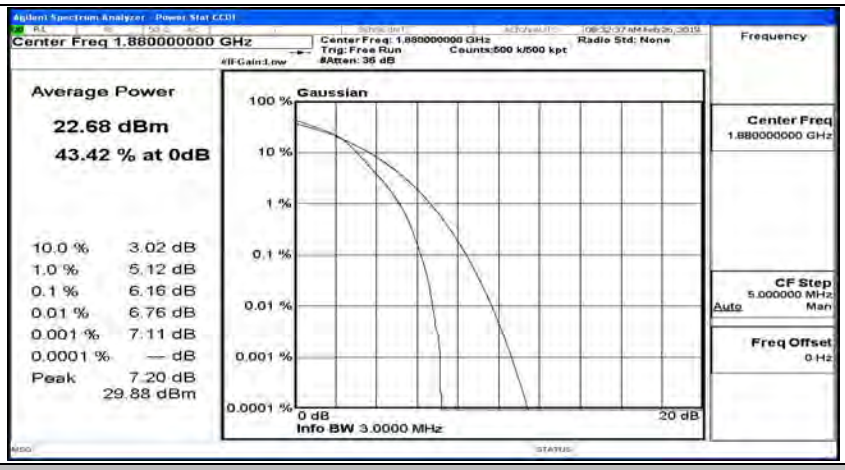


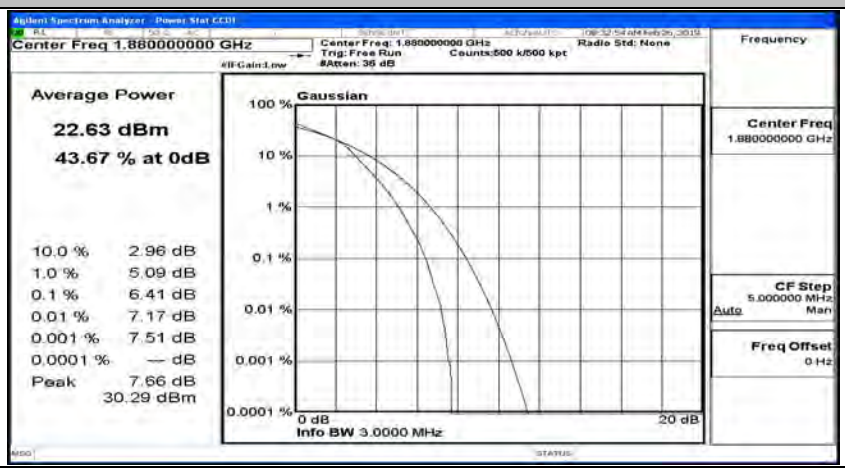
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



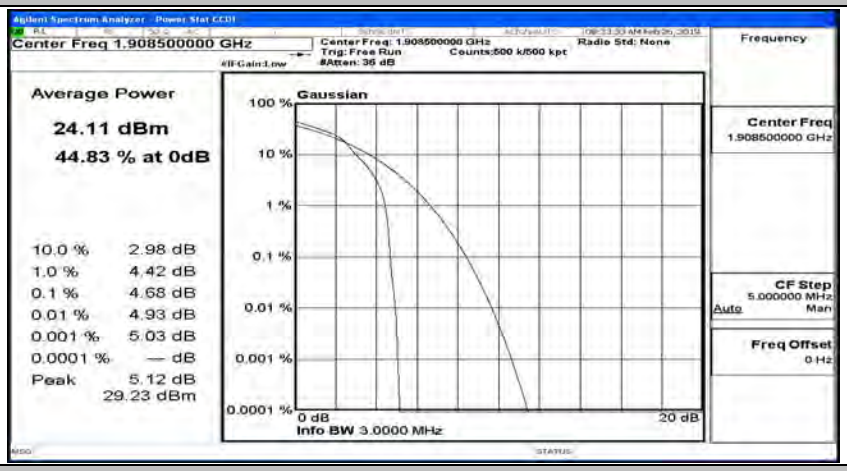
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



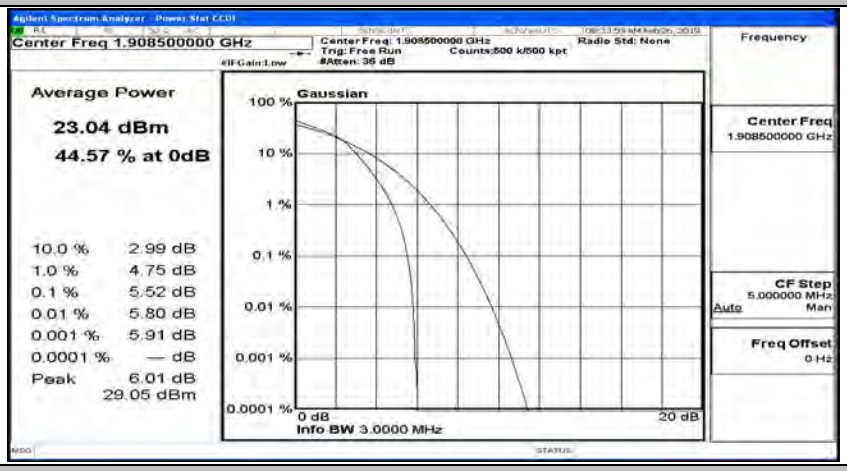
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0

(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7

(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14

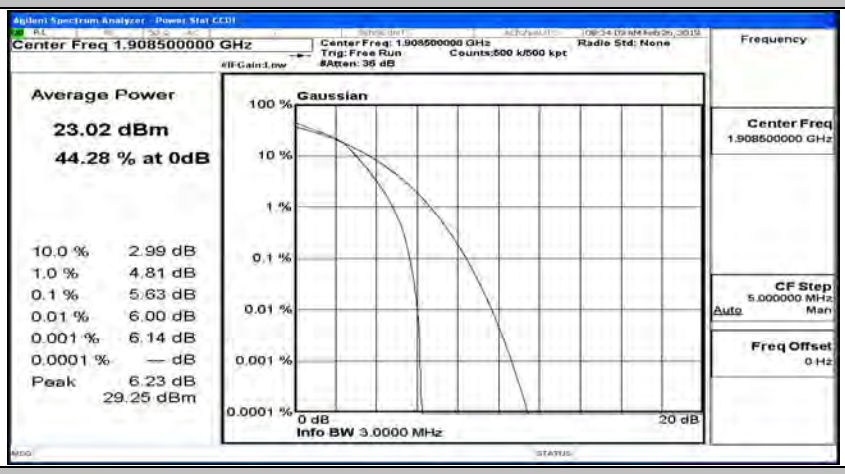


(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4

(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7



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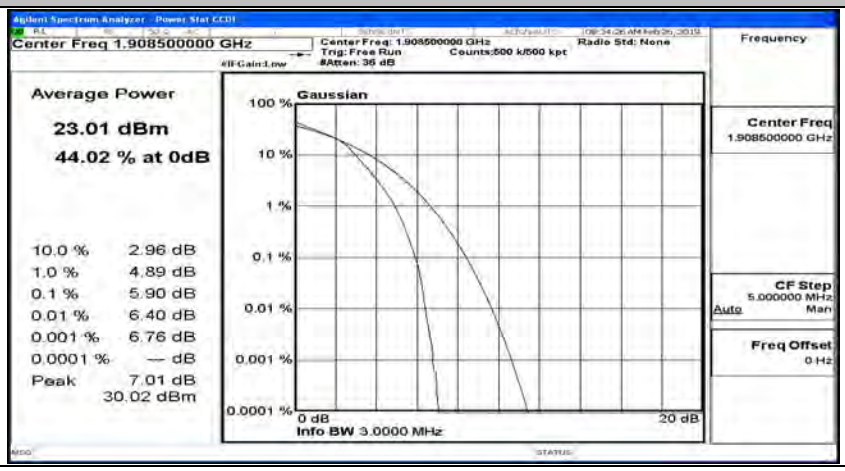
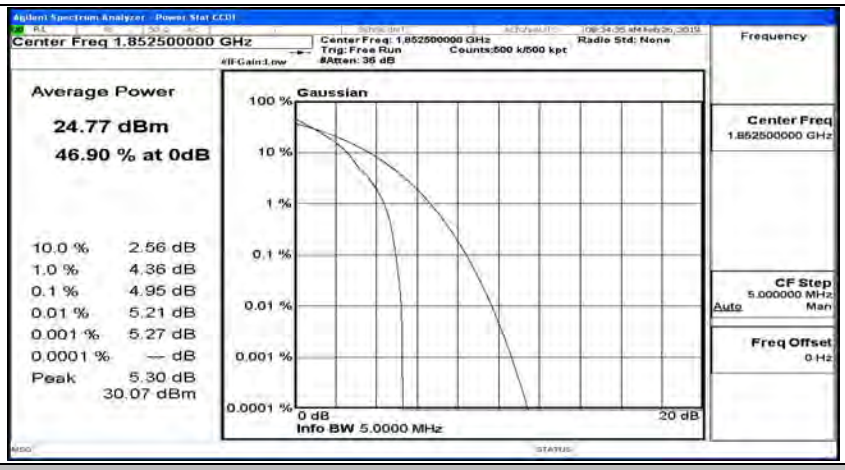
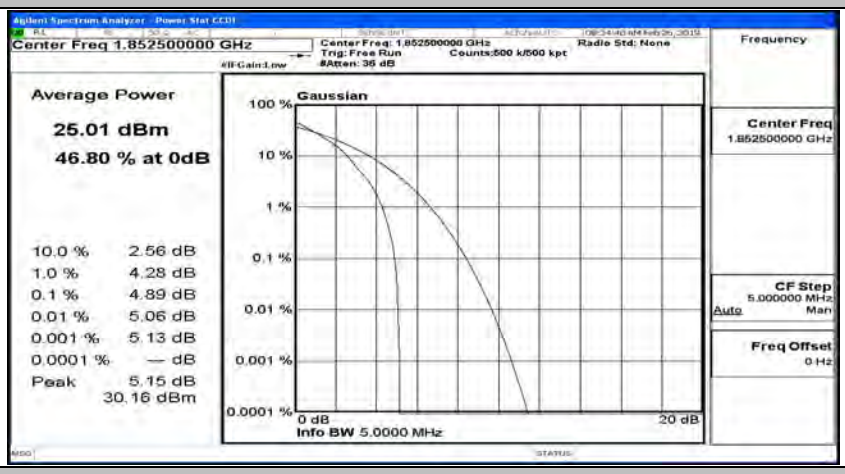


Channel Bandwidth: 5 MHz

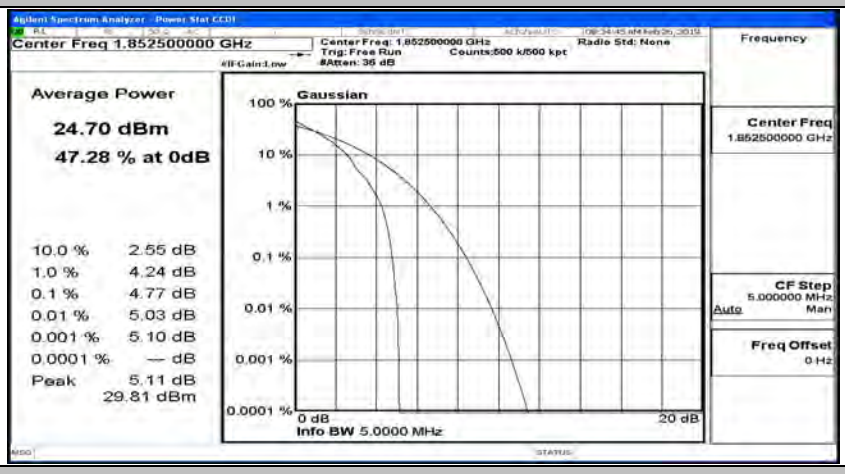
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



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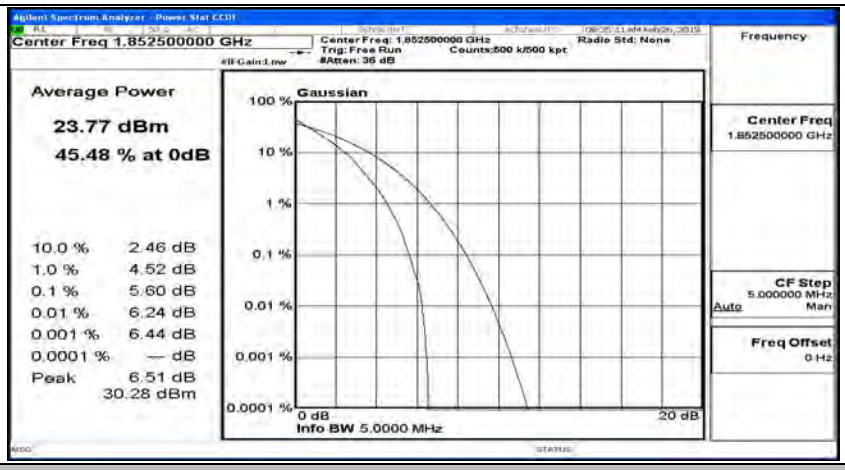
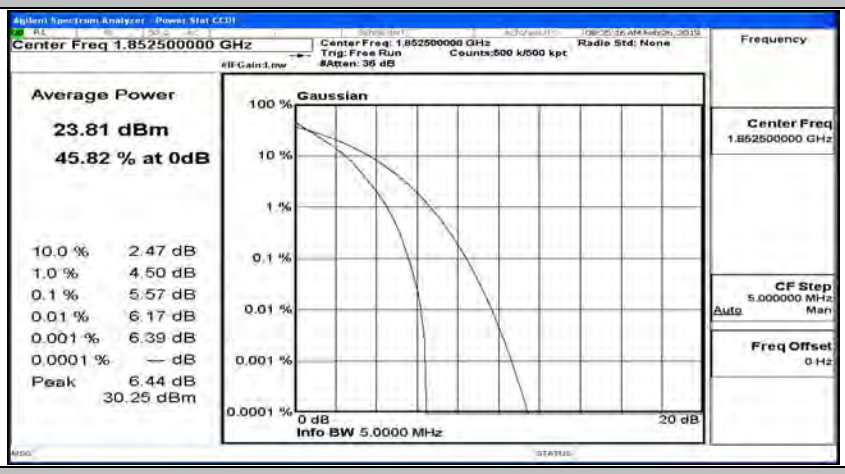
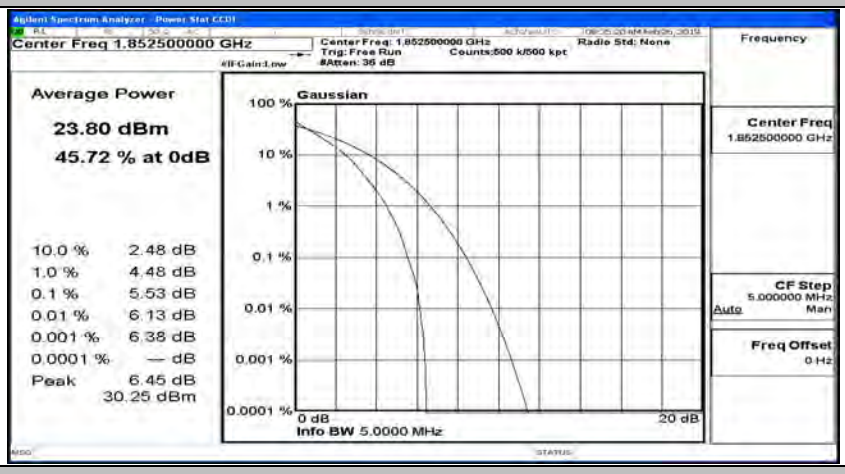


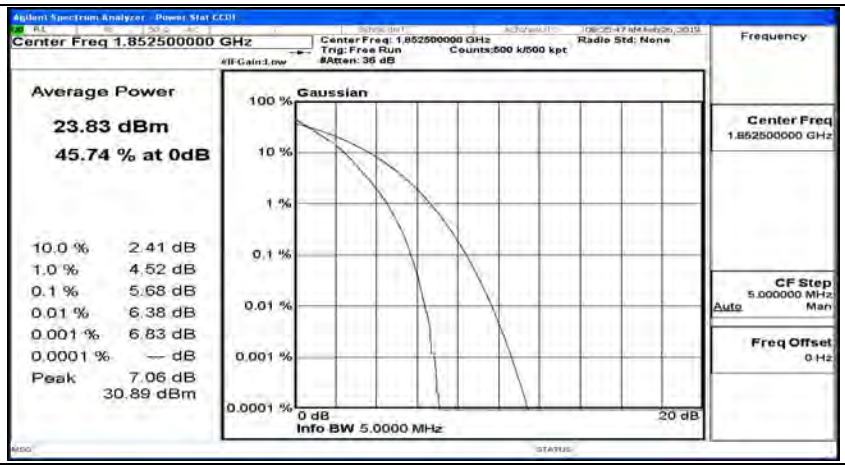
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



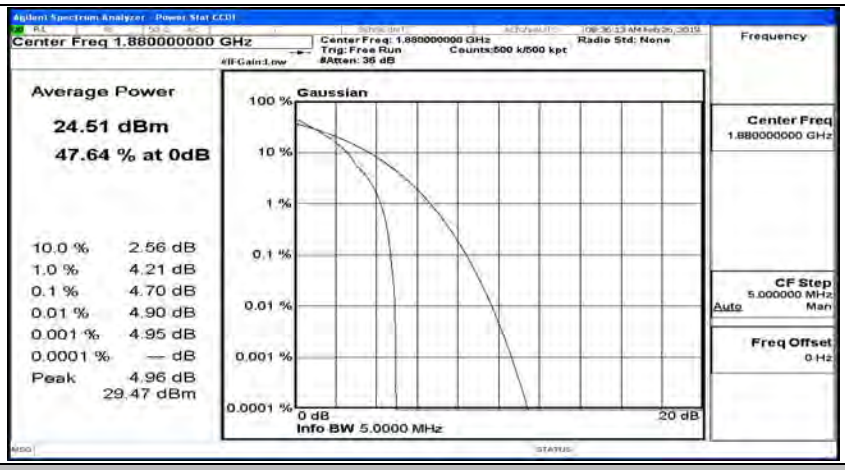
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



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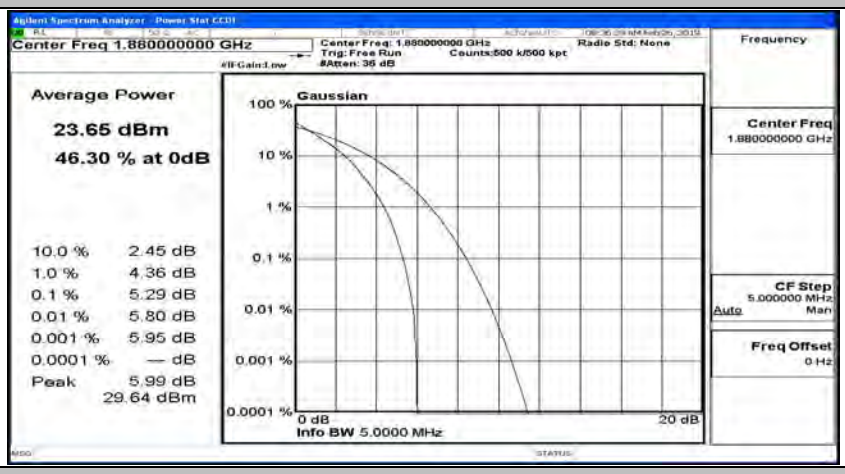

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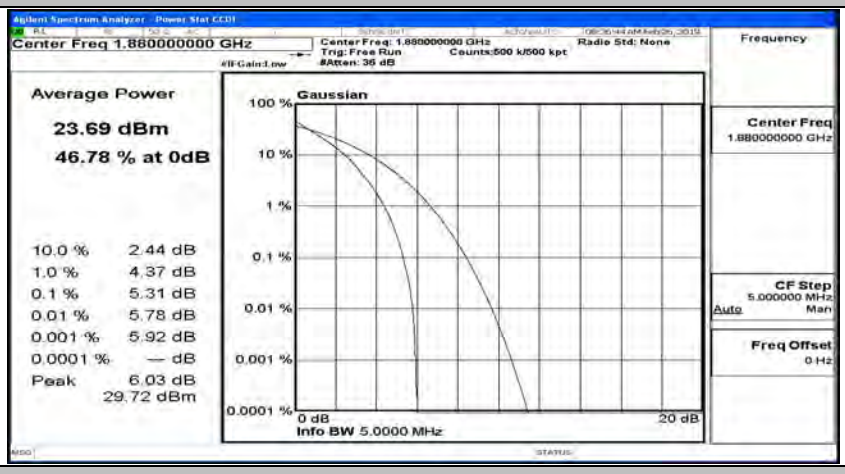

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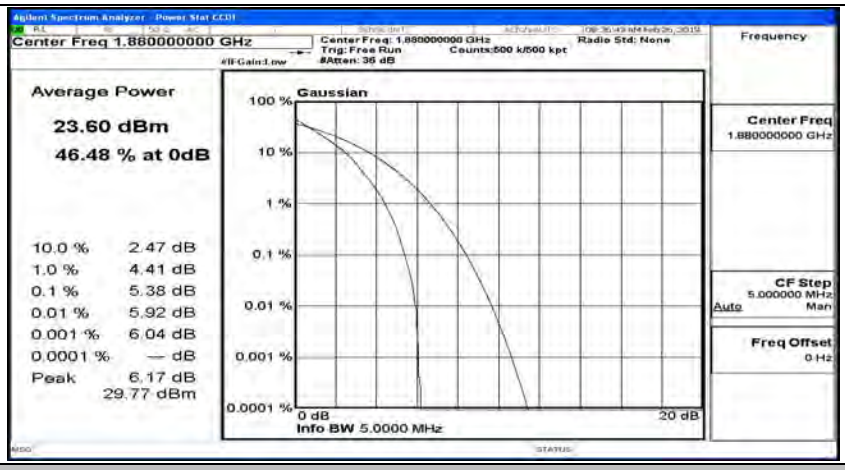

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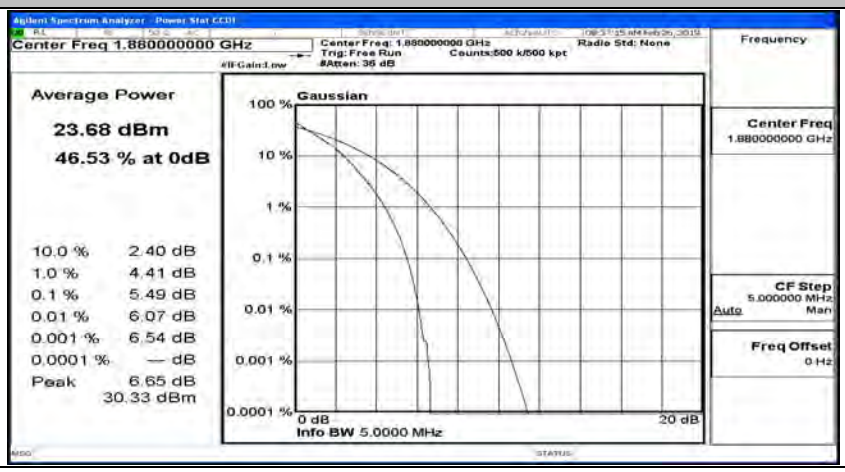

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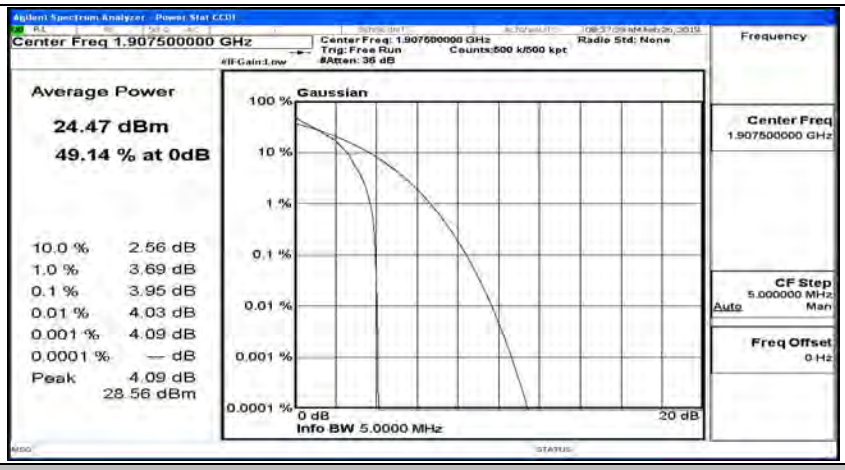
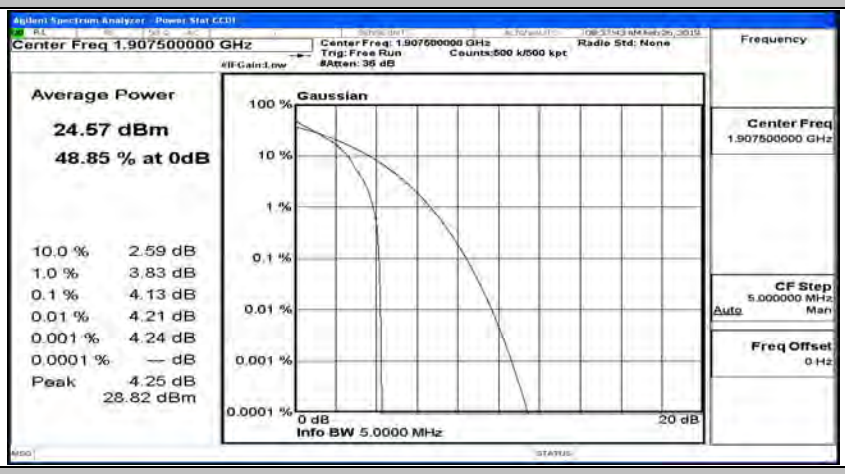
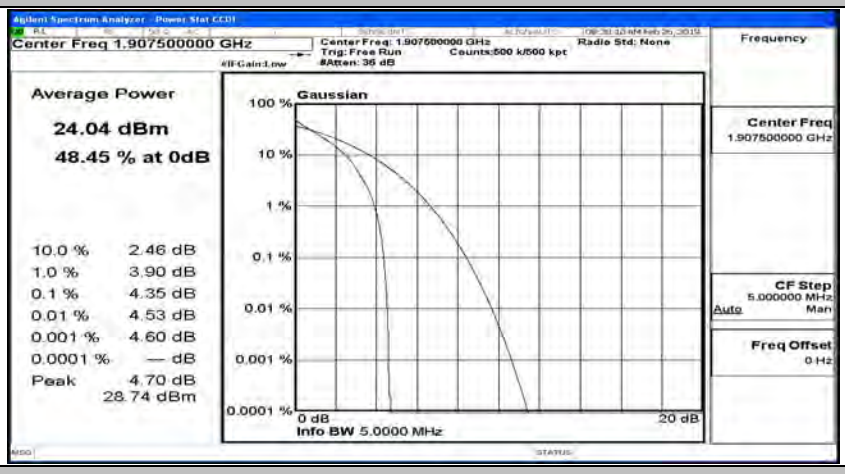
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



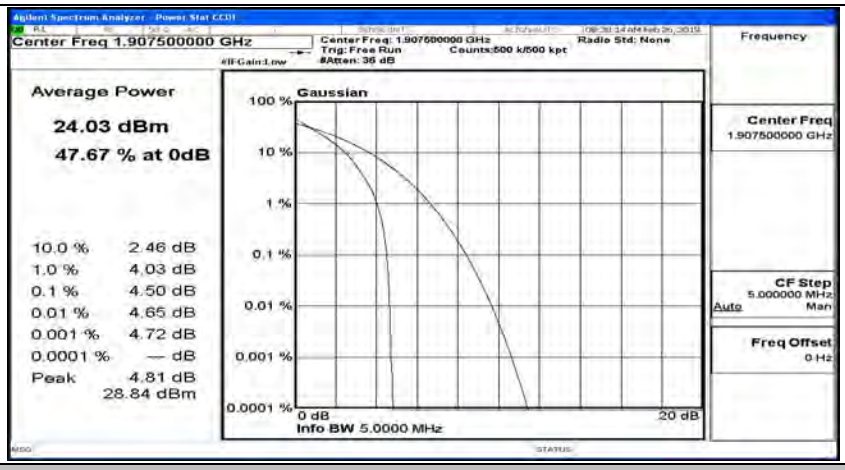
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



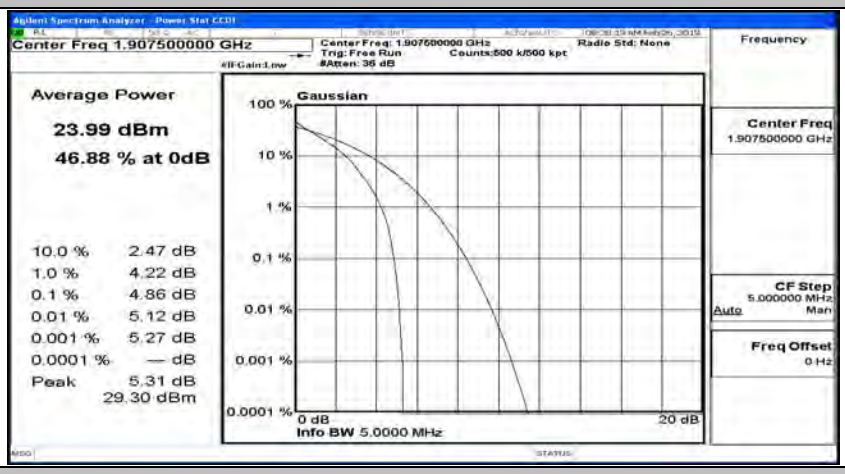
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



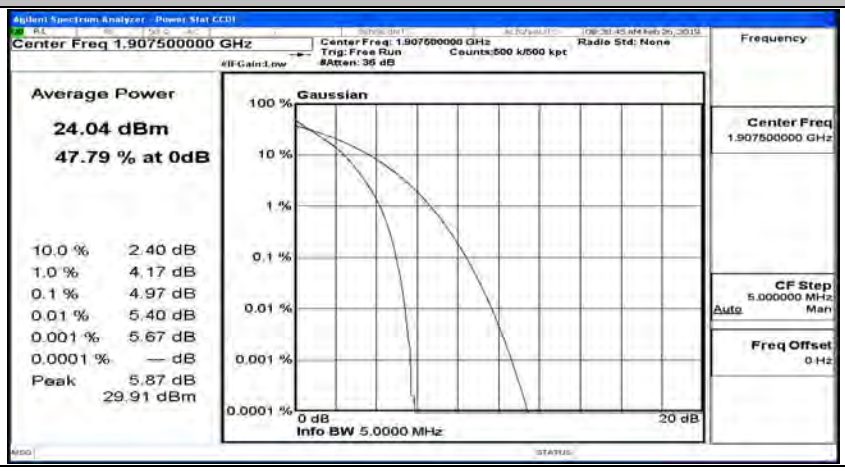
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



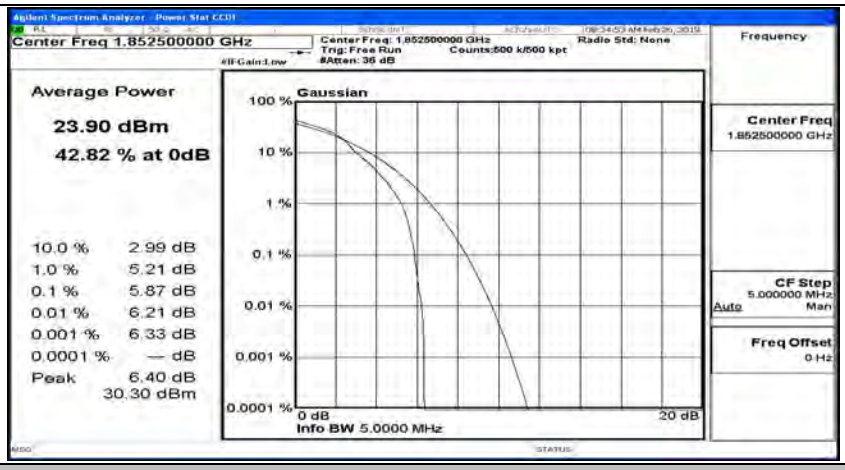
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



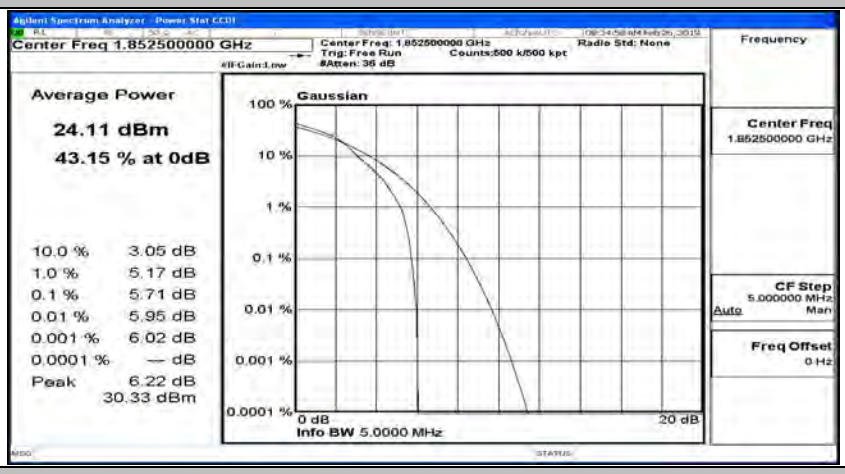
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



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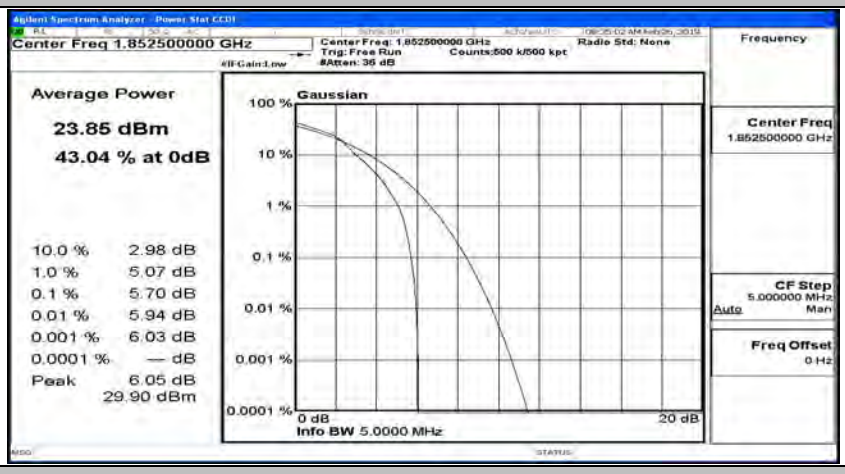
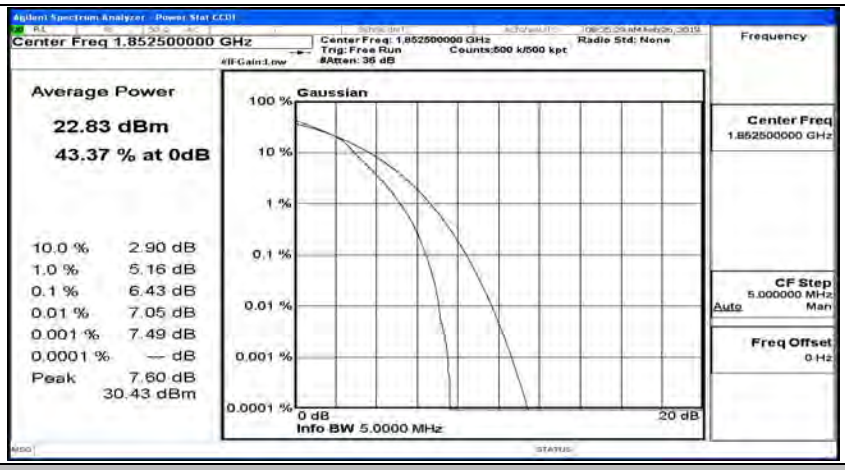
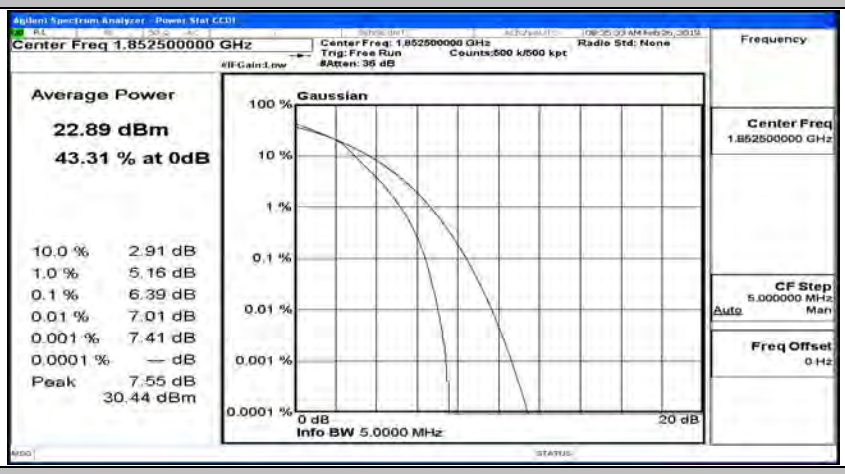


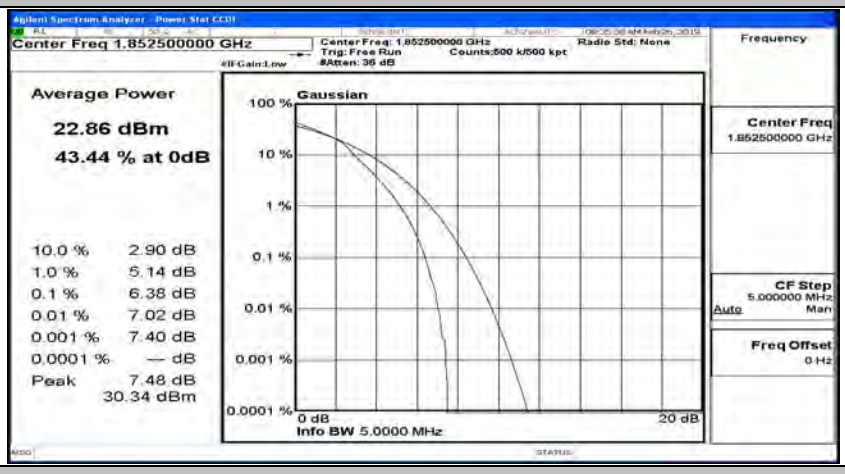
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



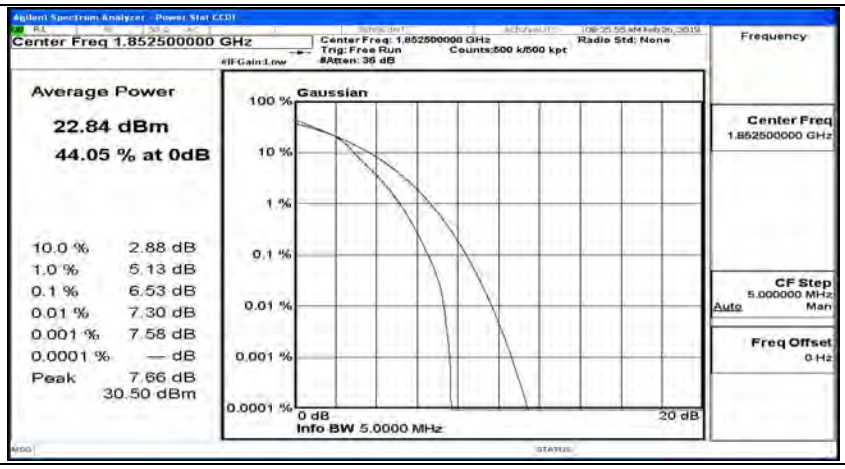
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



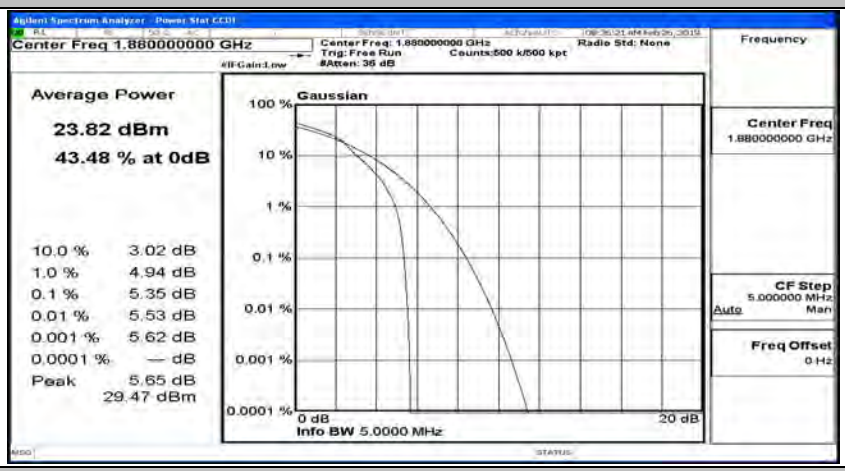
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



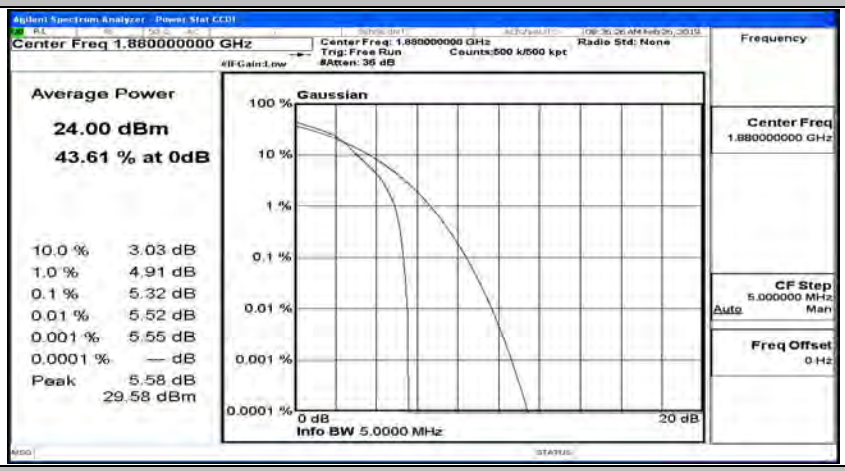
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



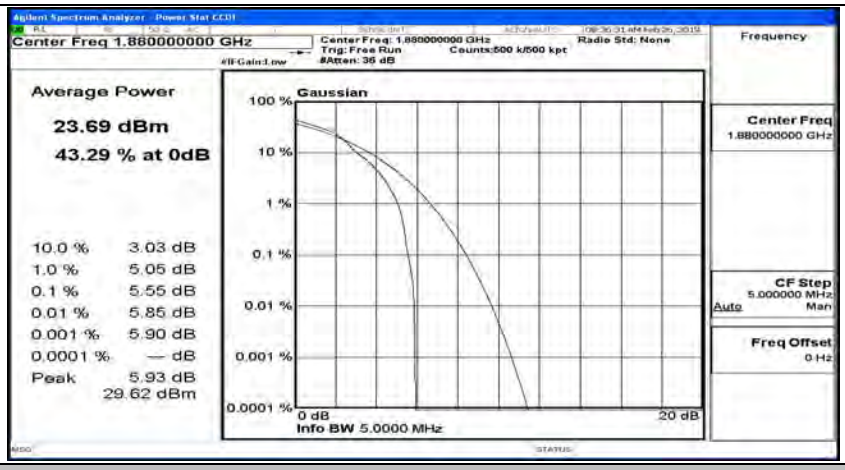
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



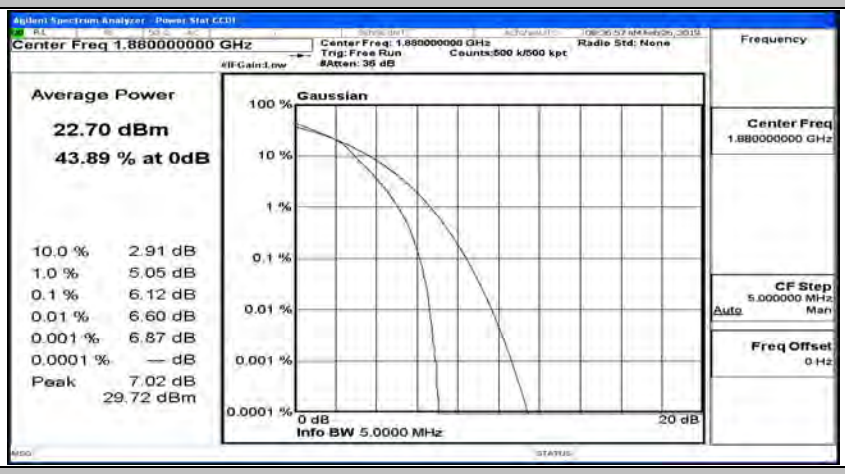
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



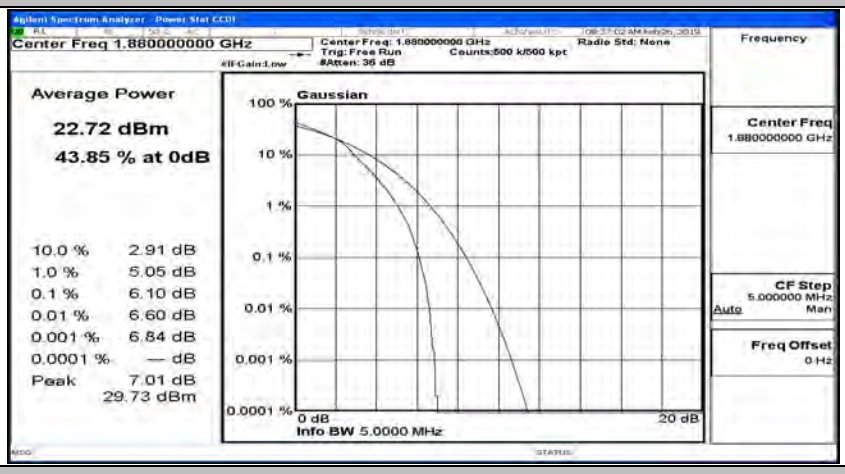
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



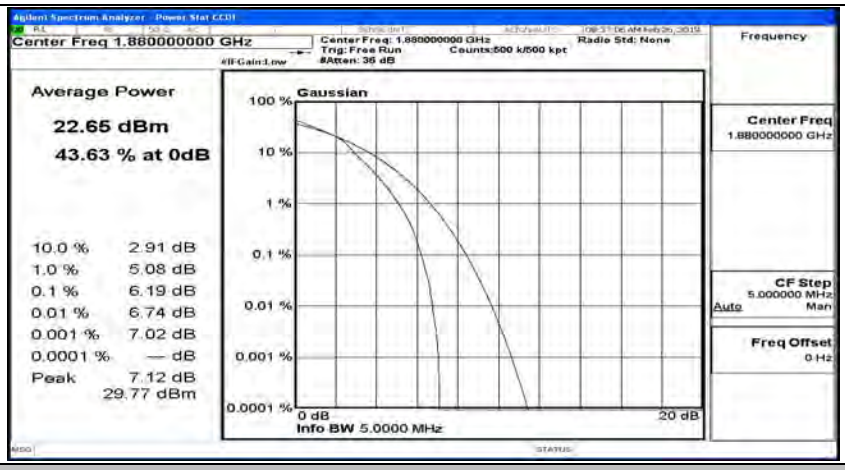
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



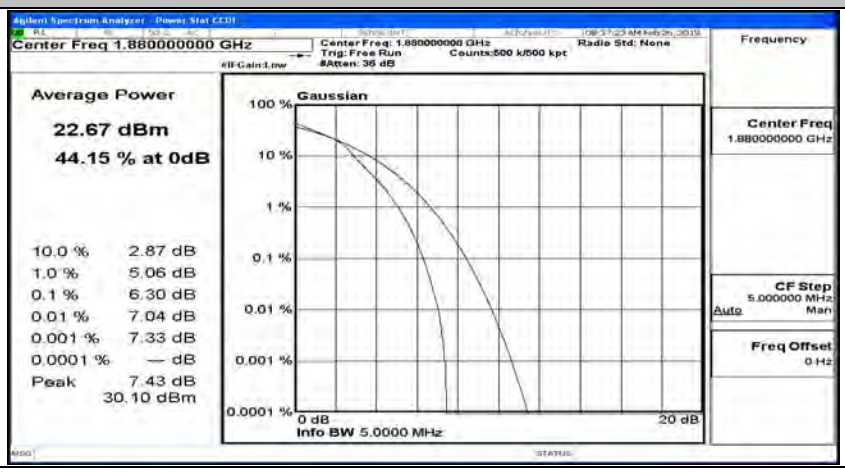
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13

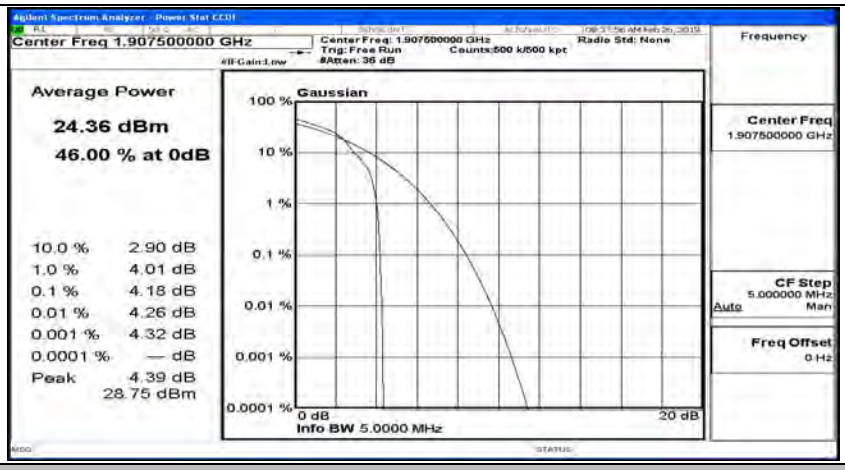


(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

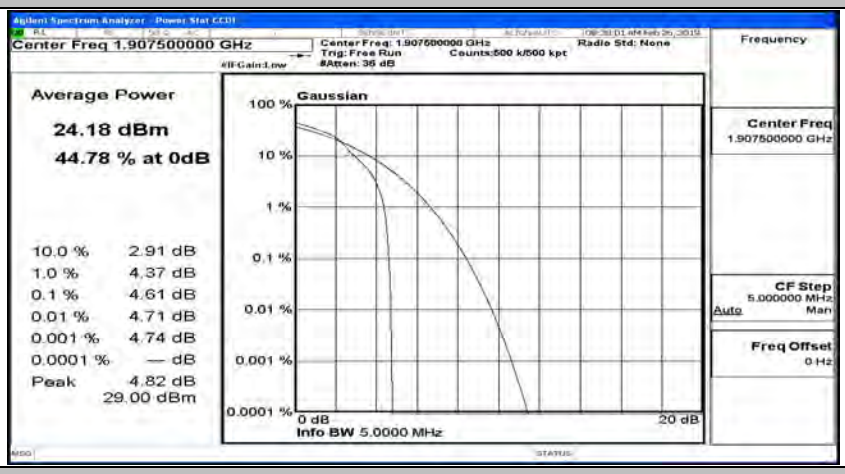


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

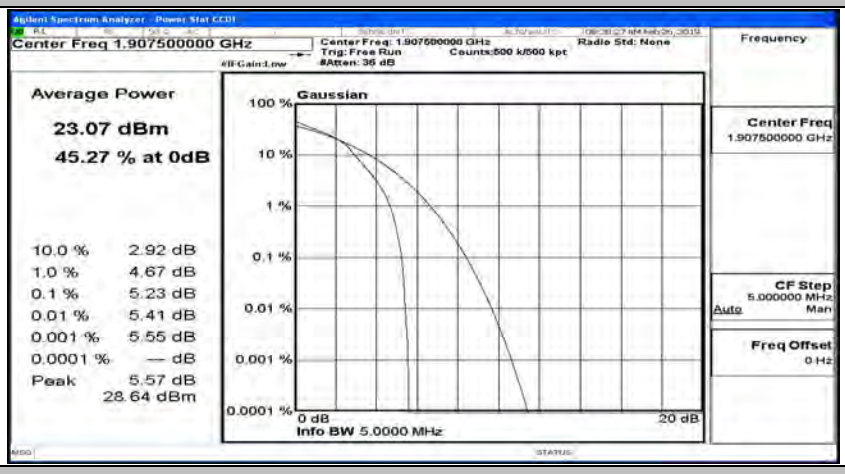
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



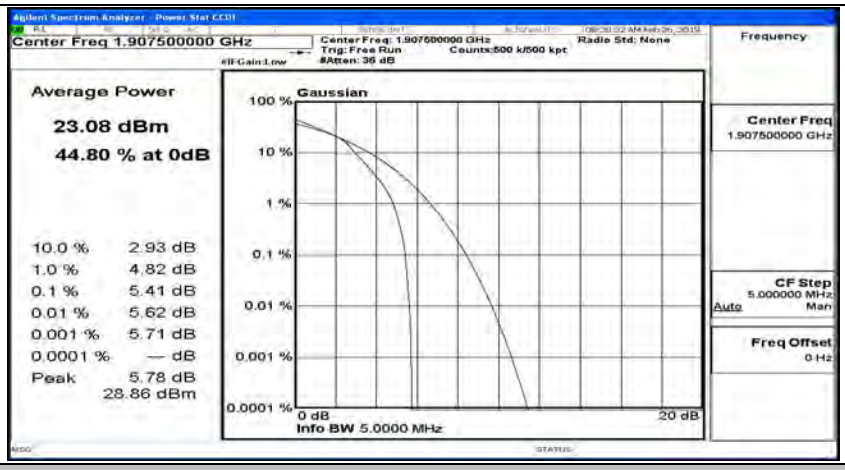
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



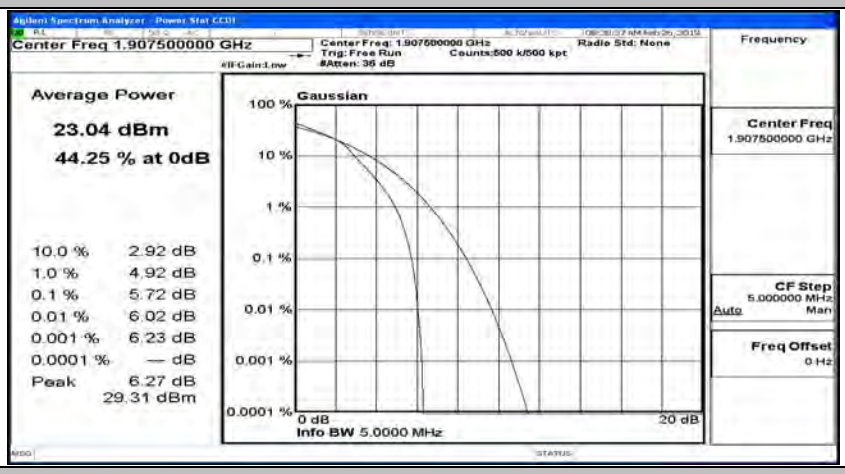
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



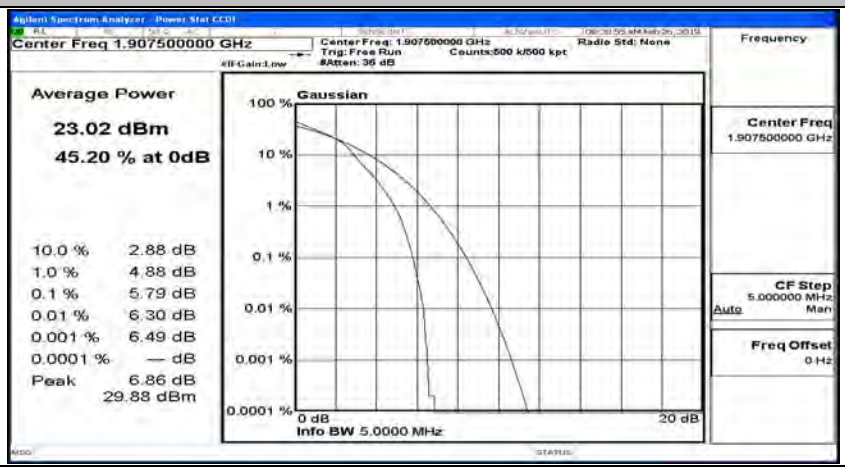
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

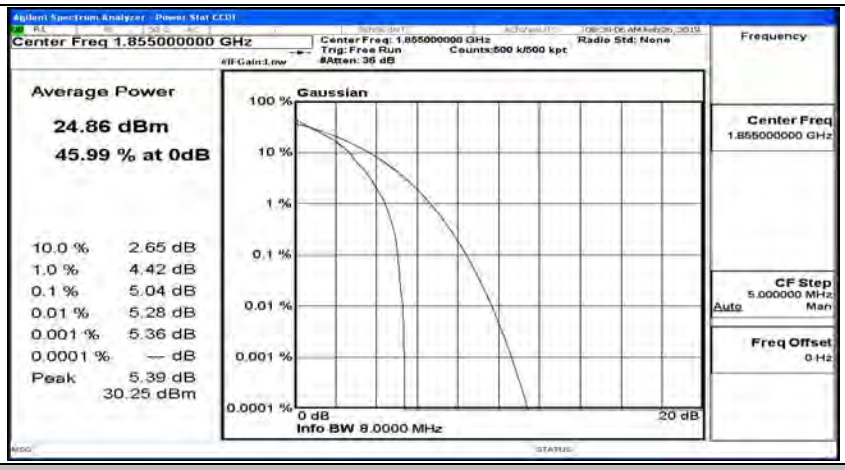


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

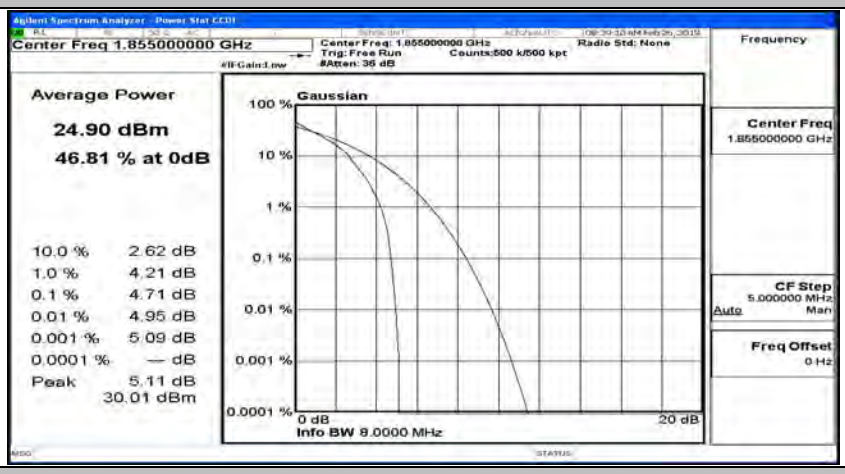


Channel Bandwidth: 10 MHz

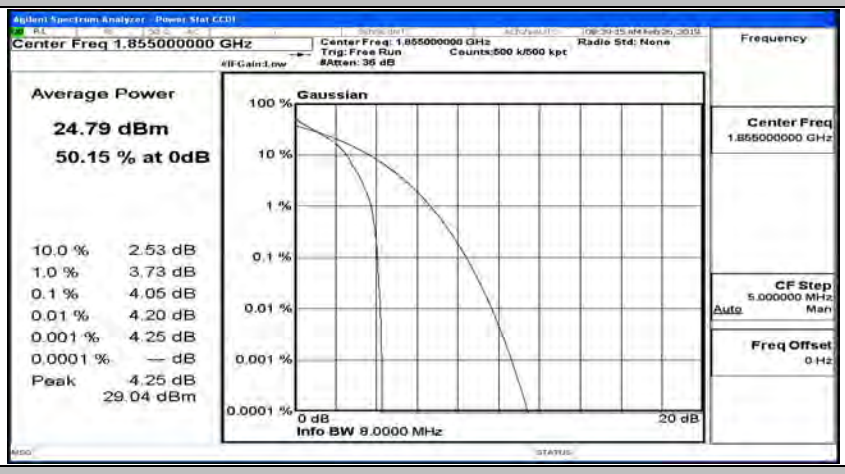
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



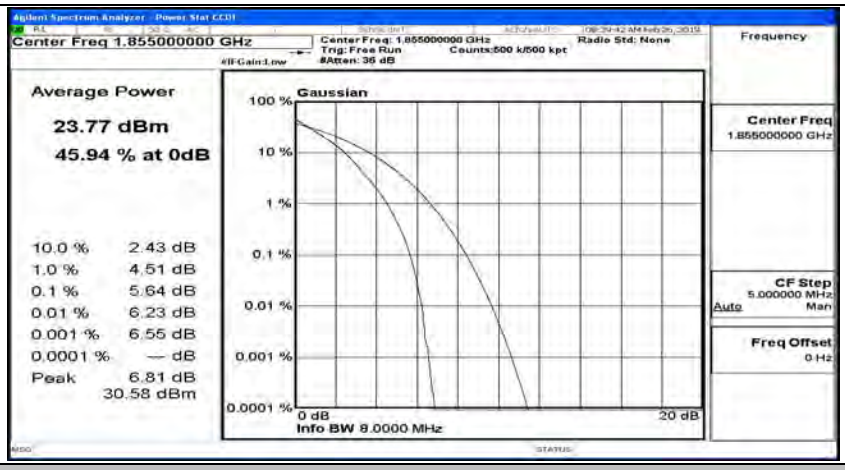
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



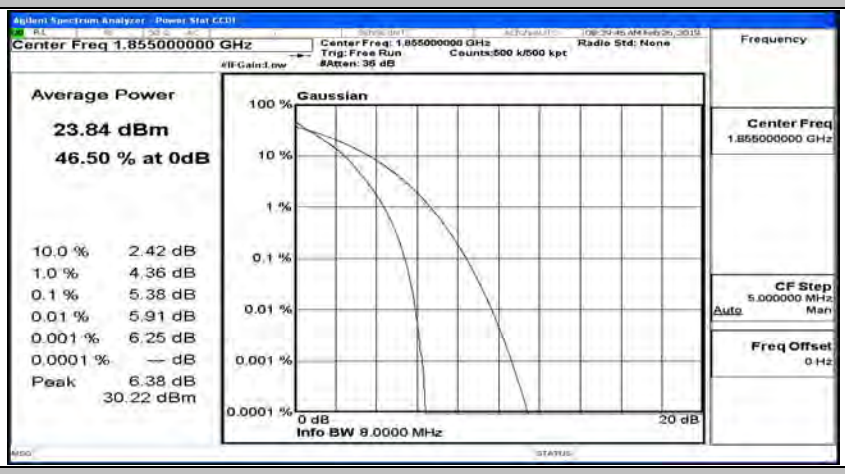
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



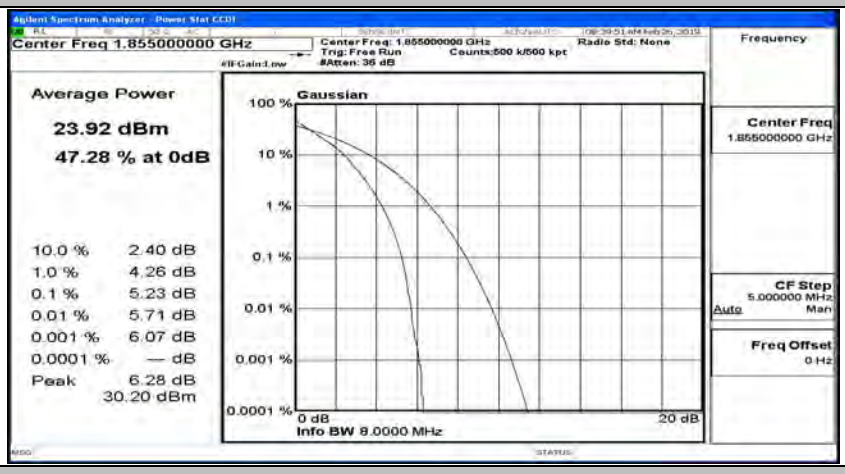
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



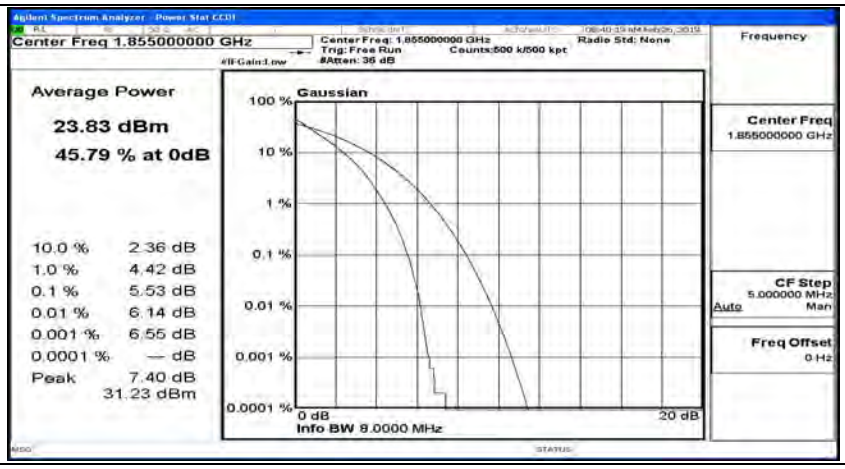
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



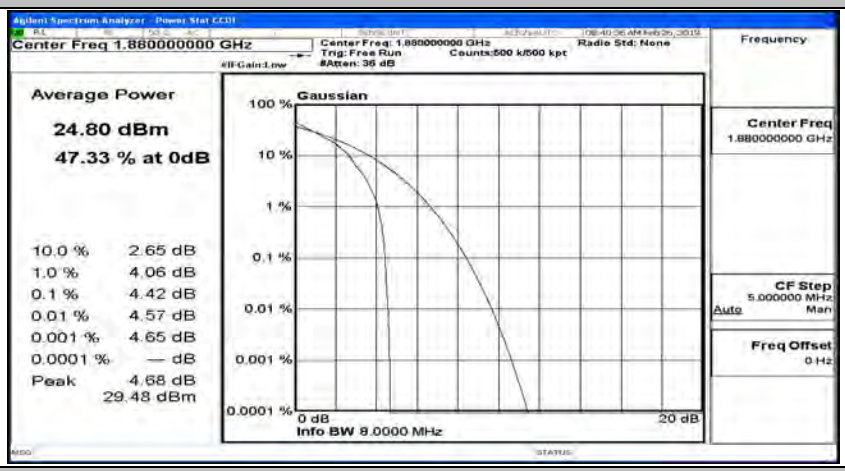
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0

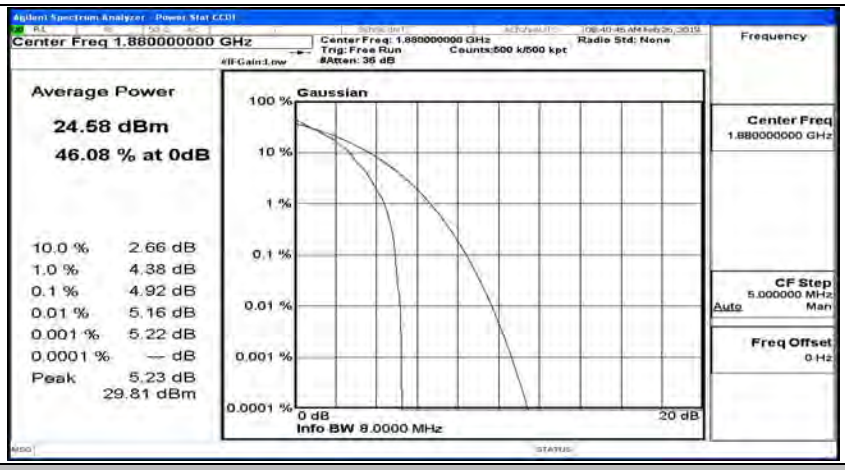


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

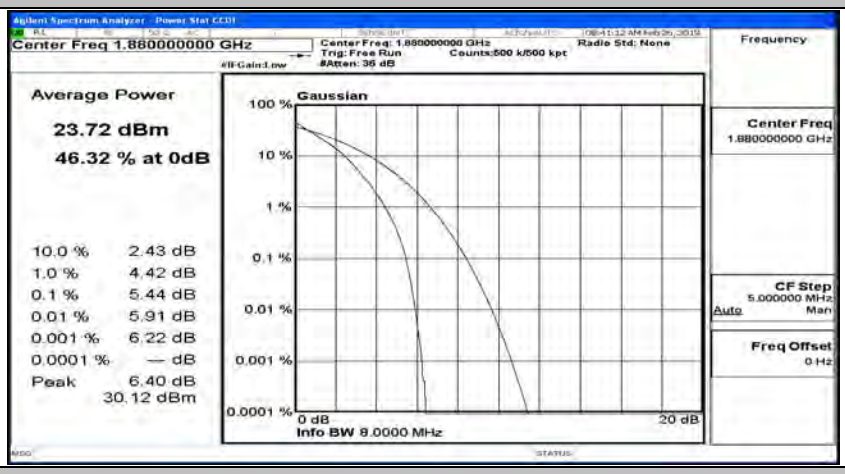


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

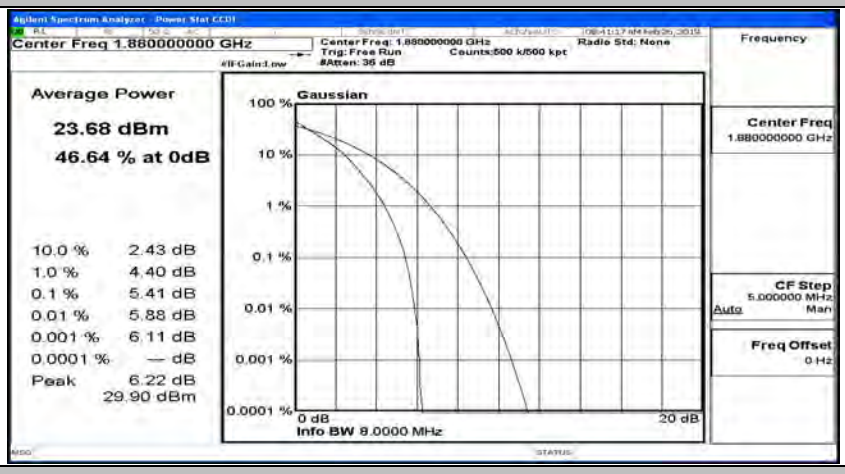
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



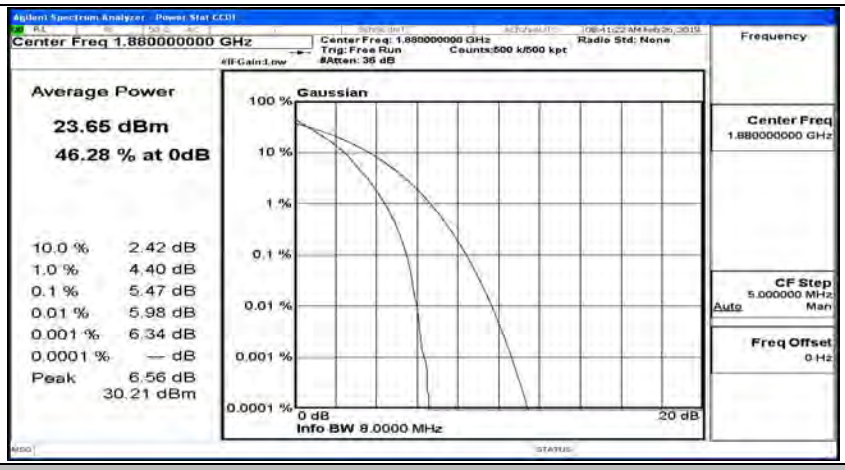
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



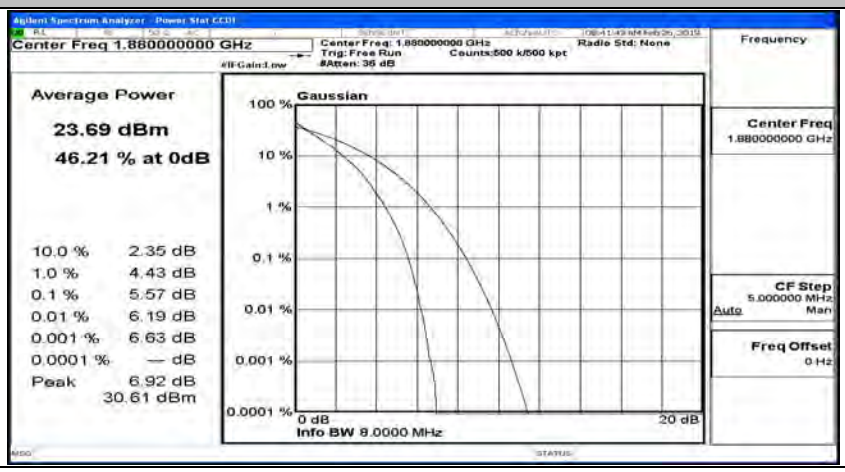
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



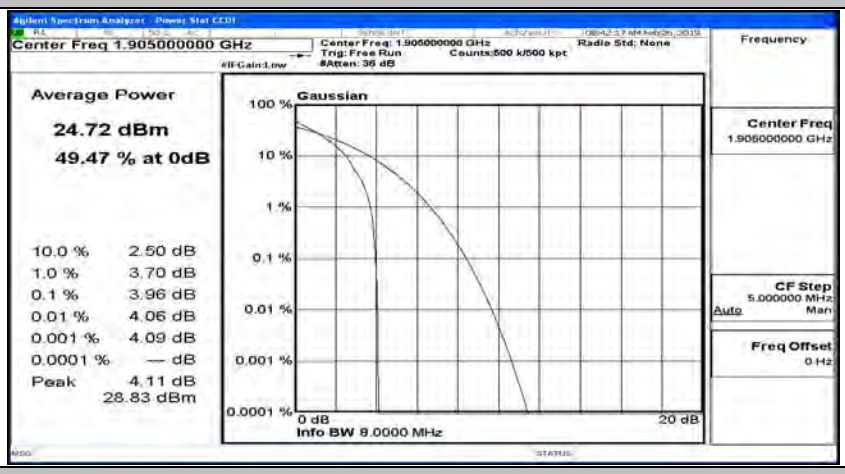
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



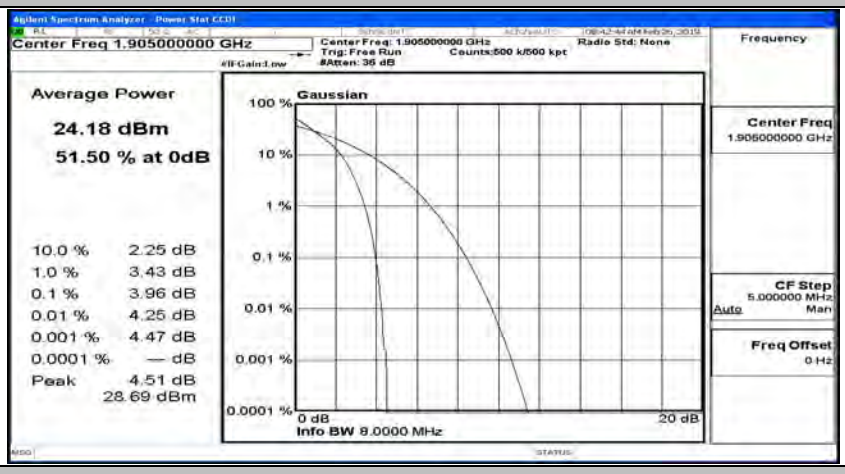
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49

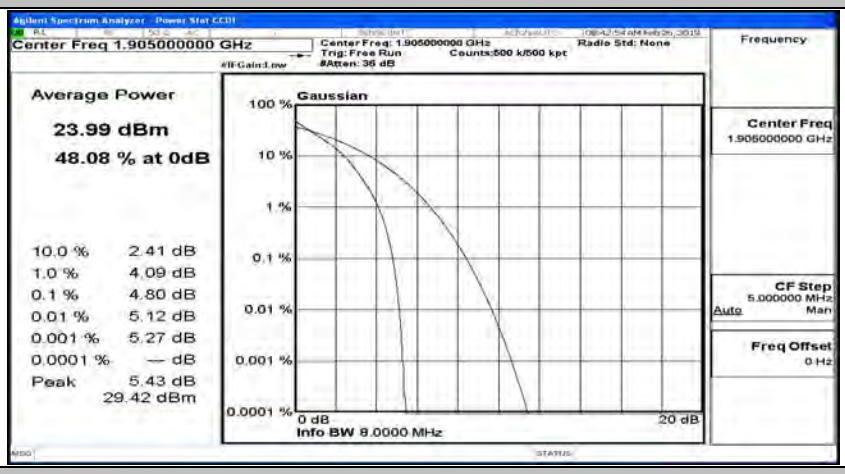


Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0

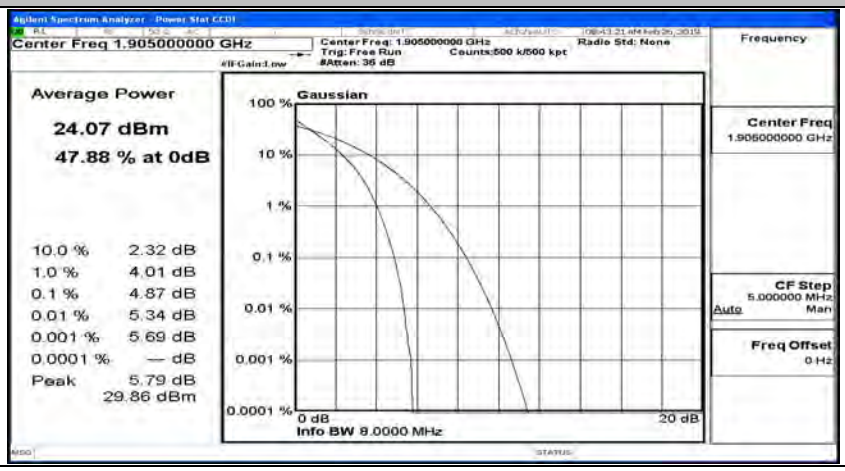


Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12

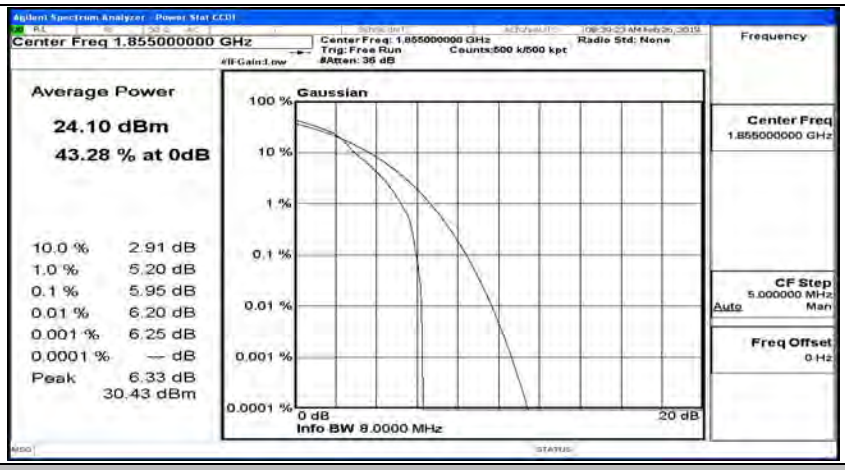
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



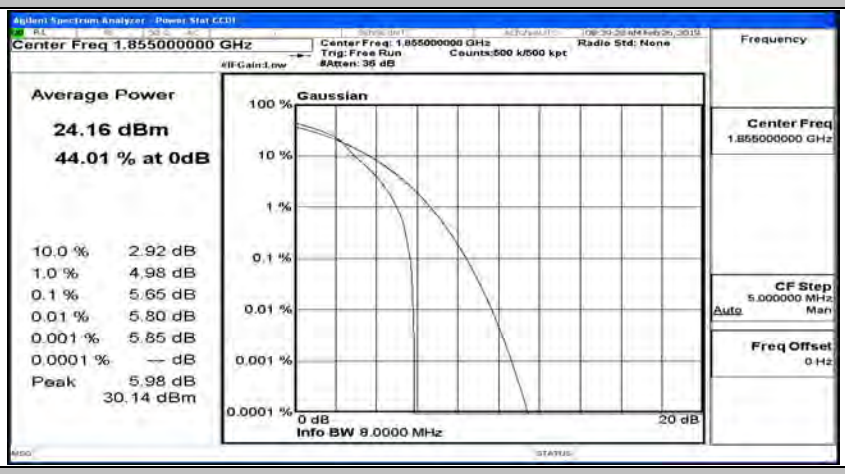
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



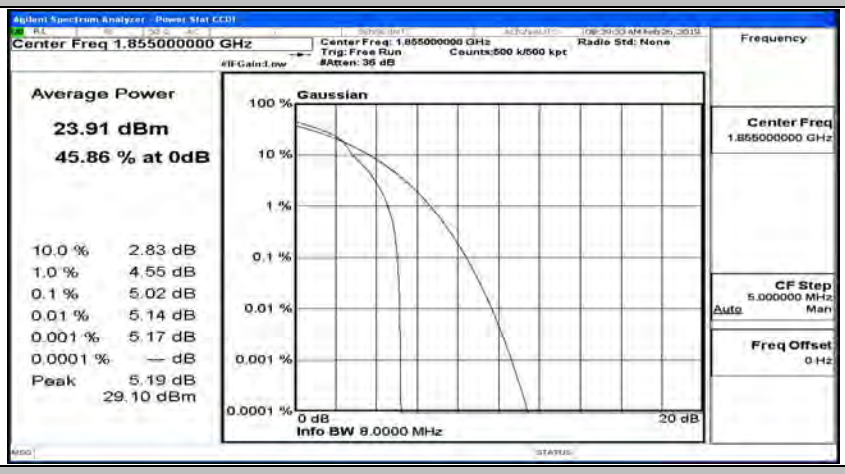
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



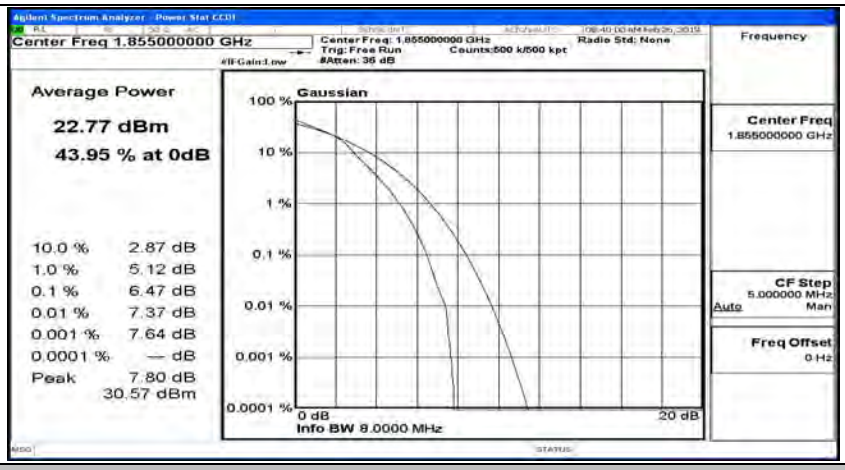
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



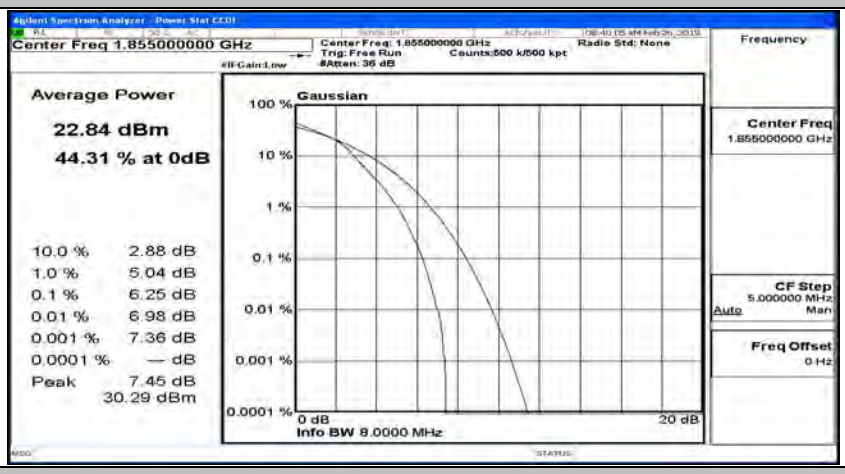
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



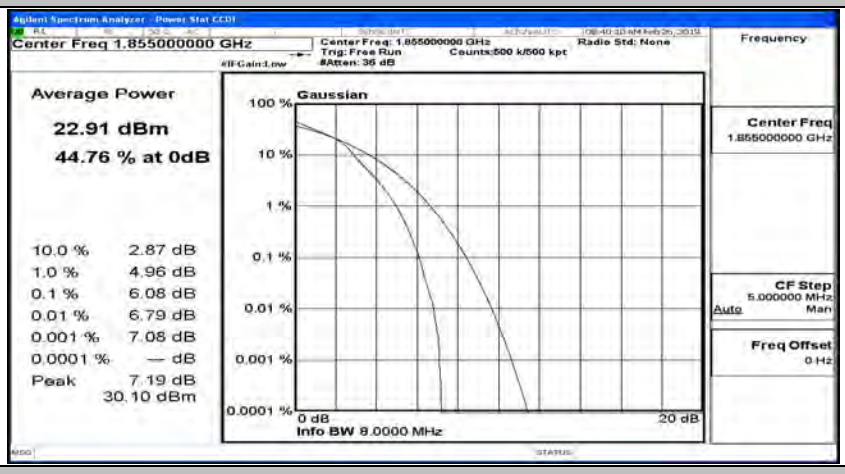
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



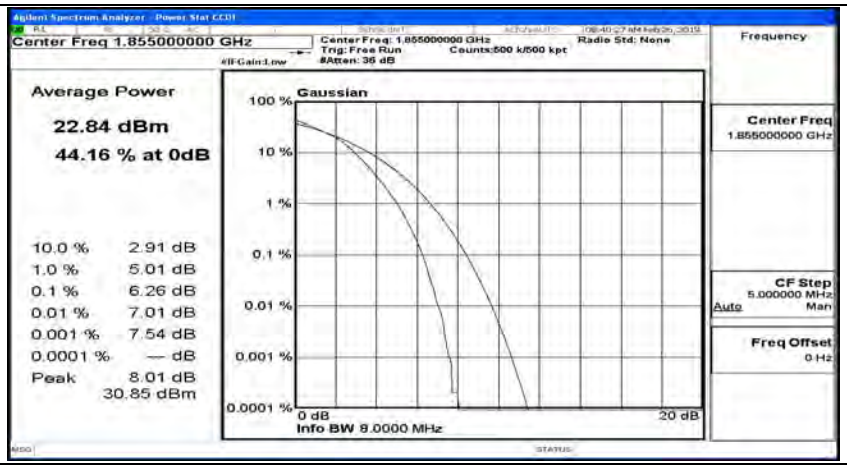
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



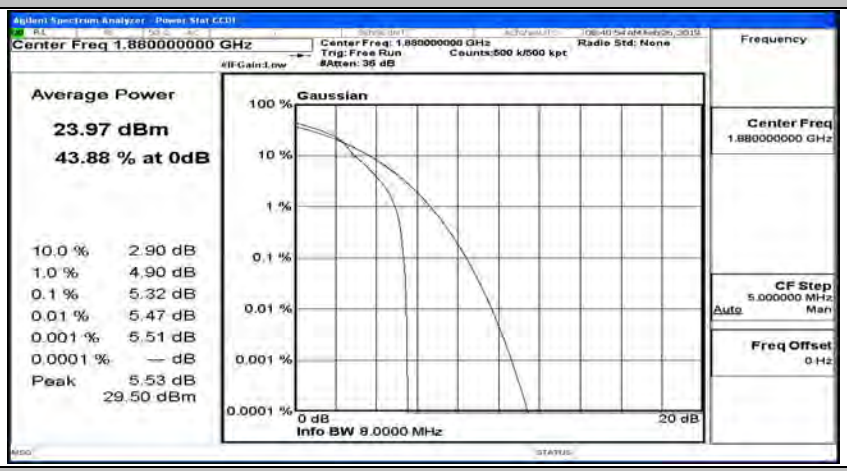
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



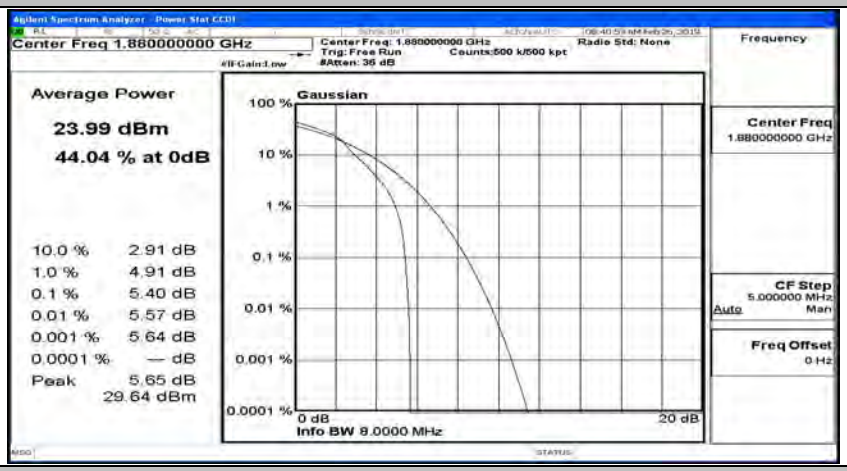
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

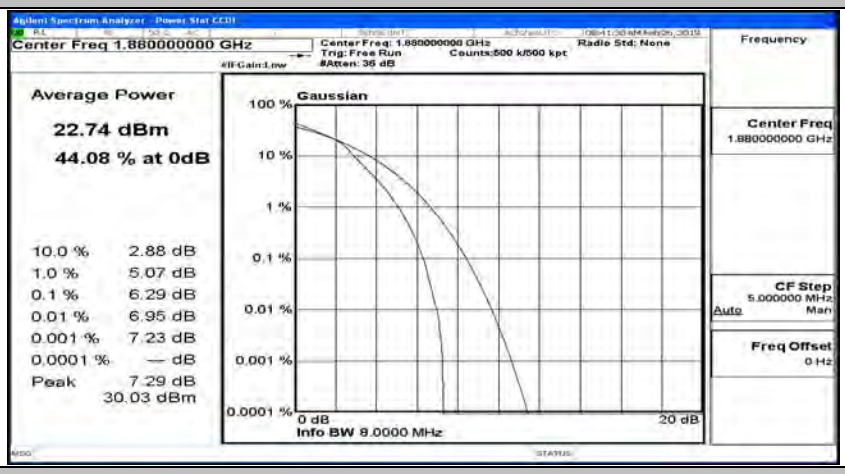


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

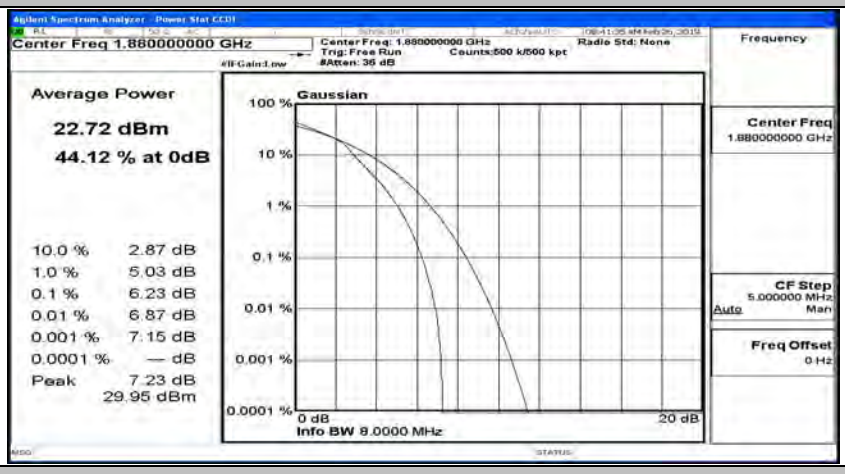


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

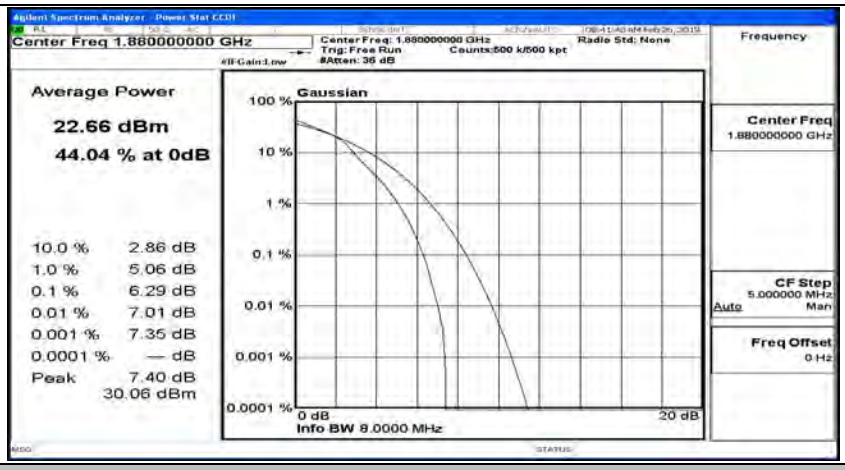
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



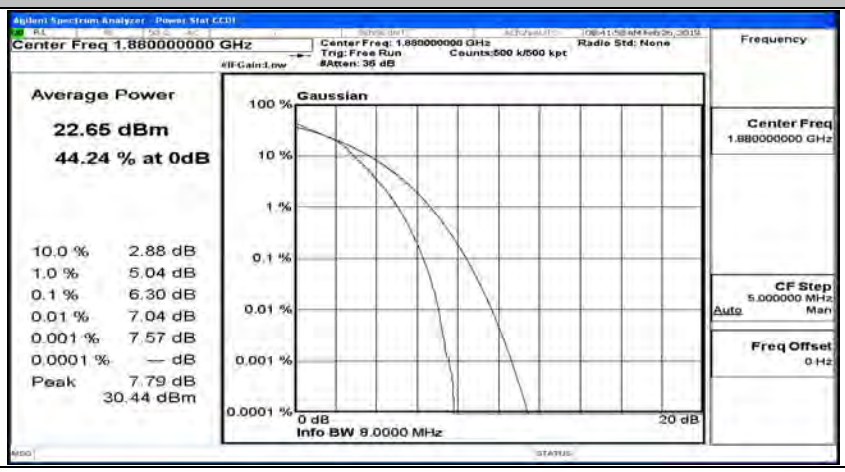
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25

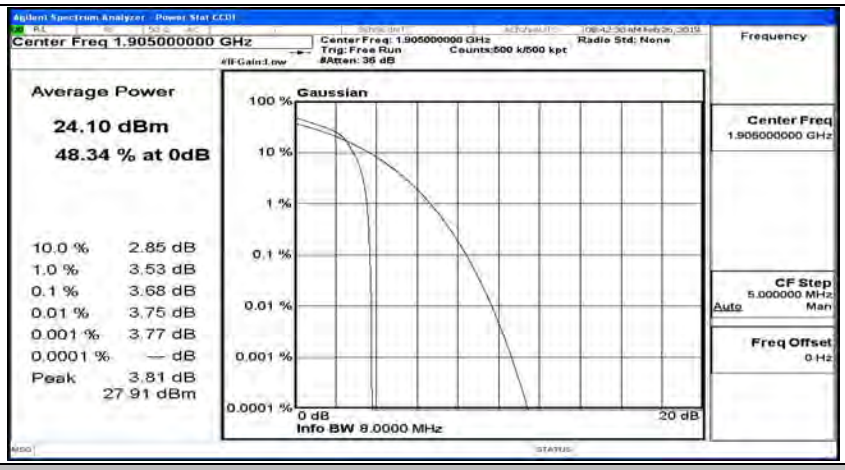


Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

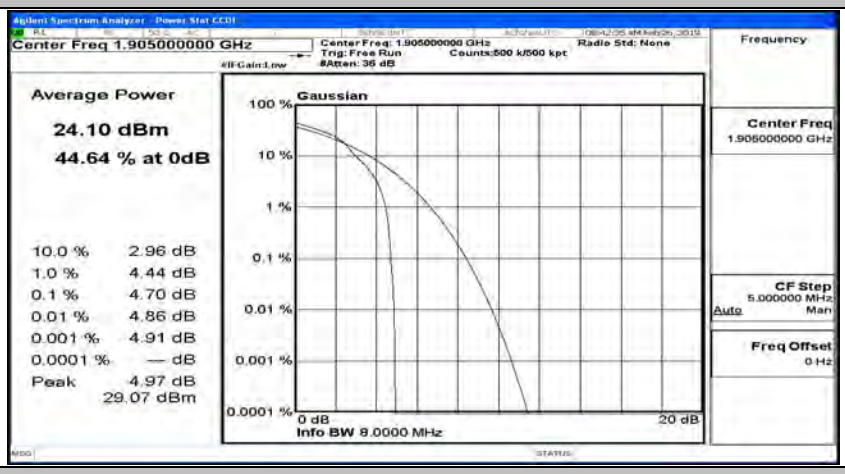


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

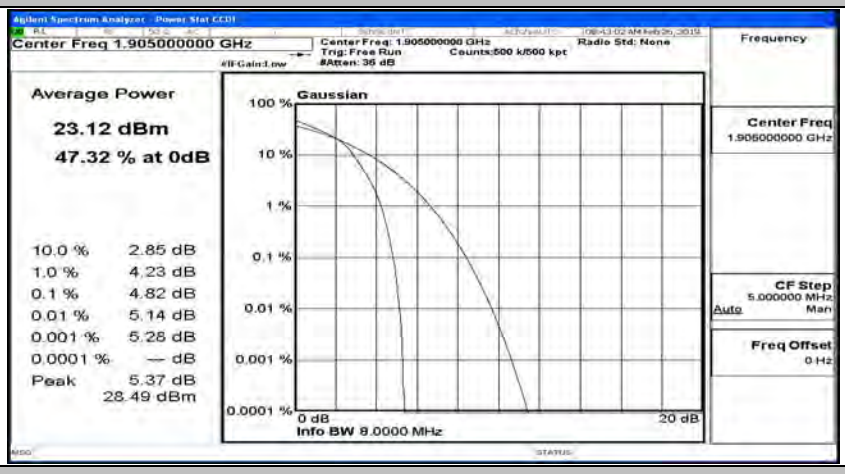
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



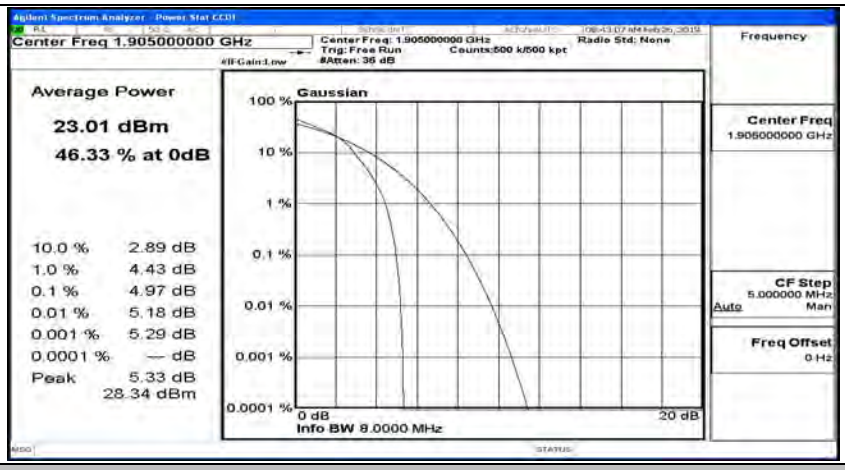
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



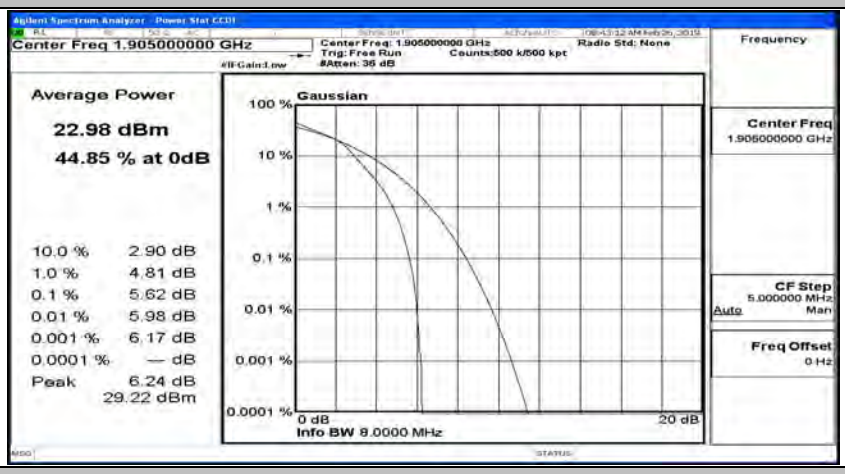
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



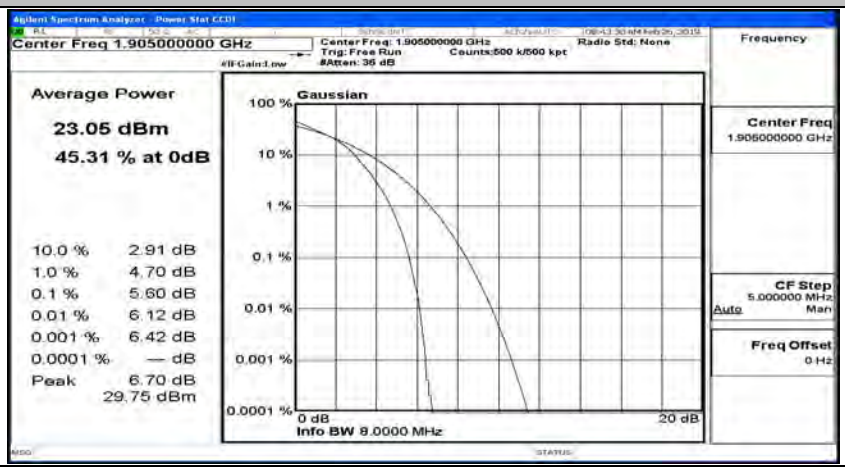
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



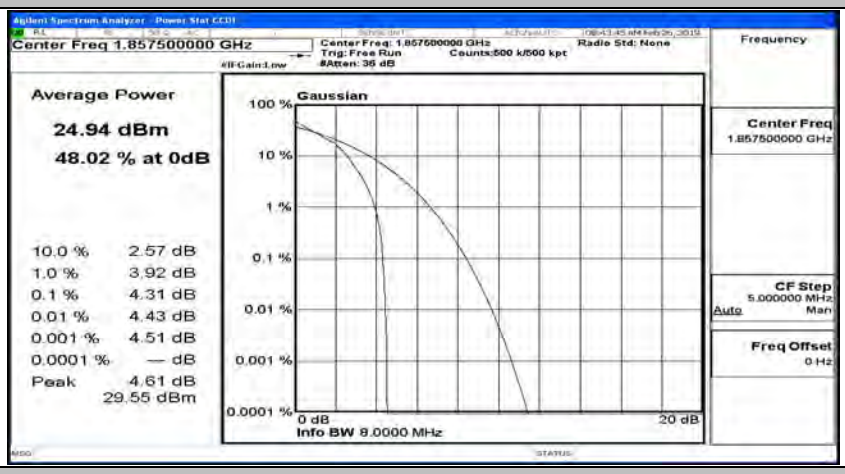
Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



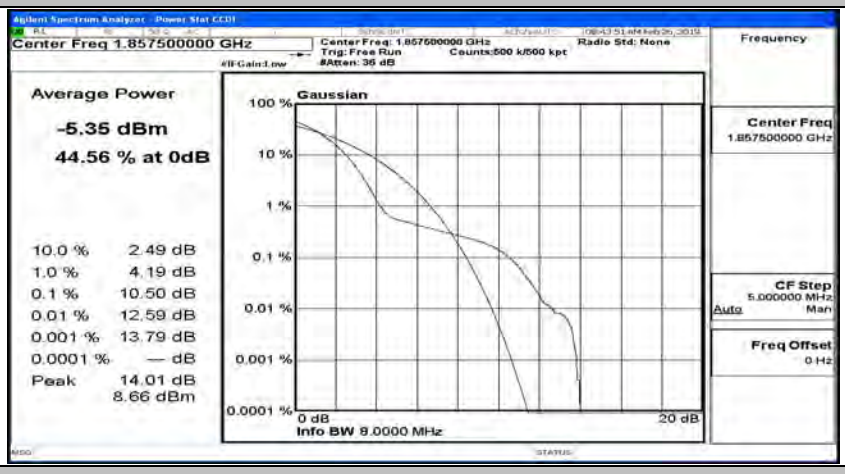
Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74



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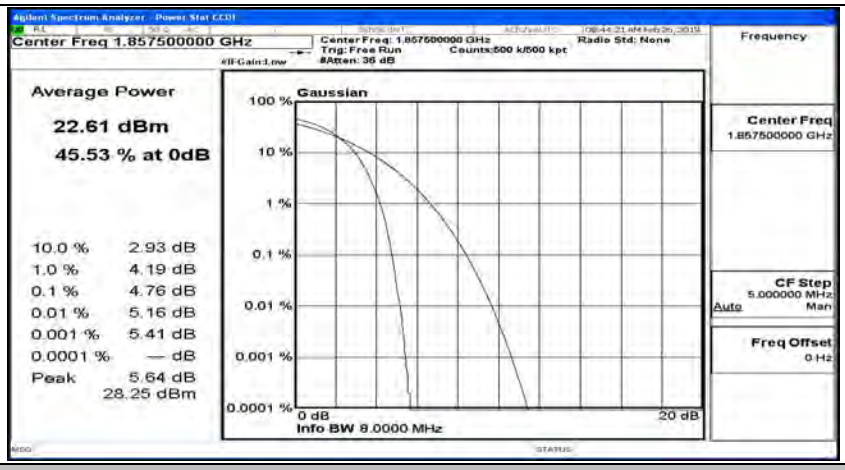
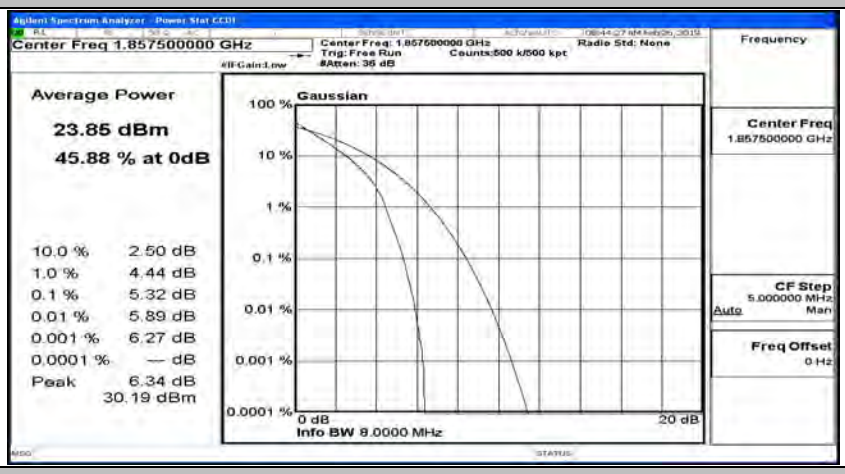
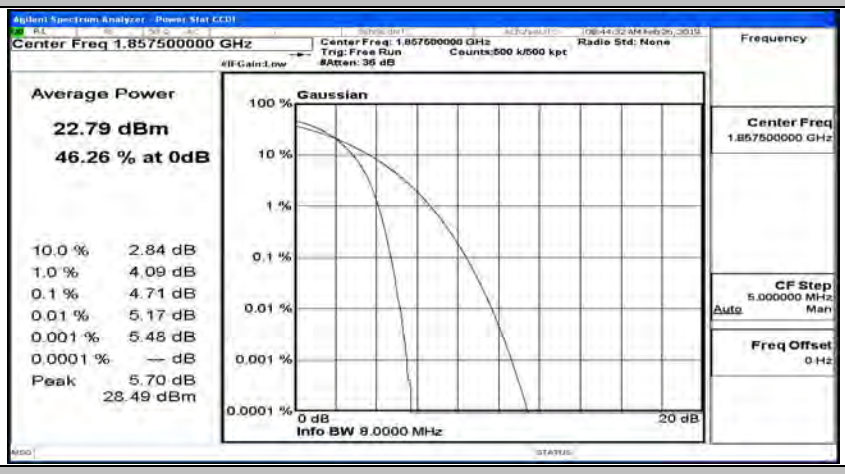


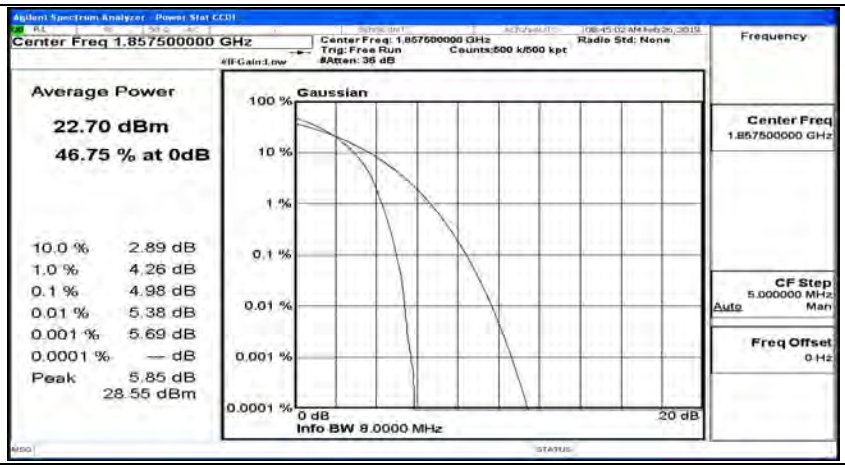
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37

(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

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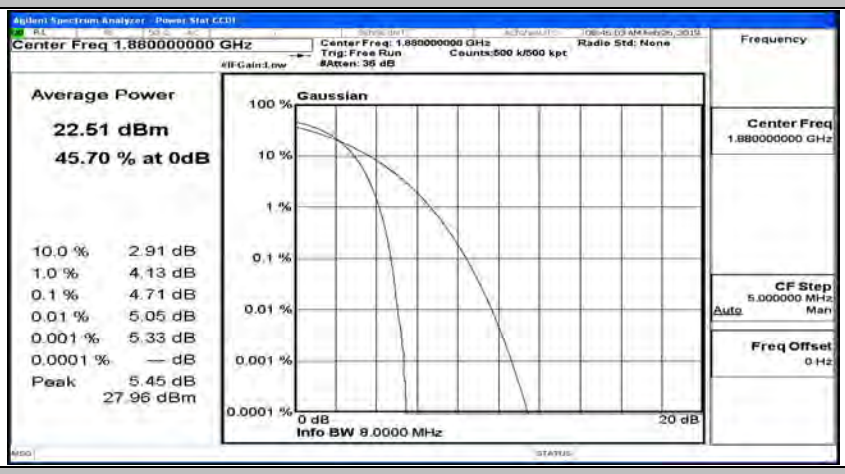

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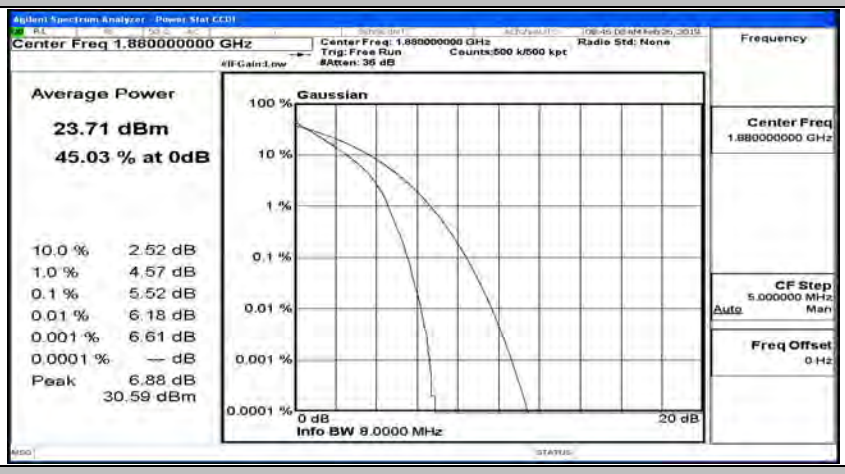

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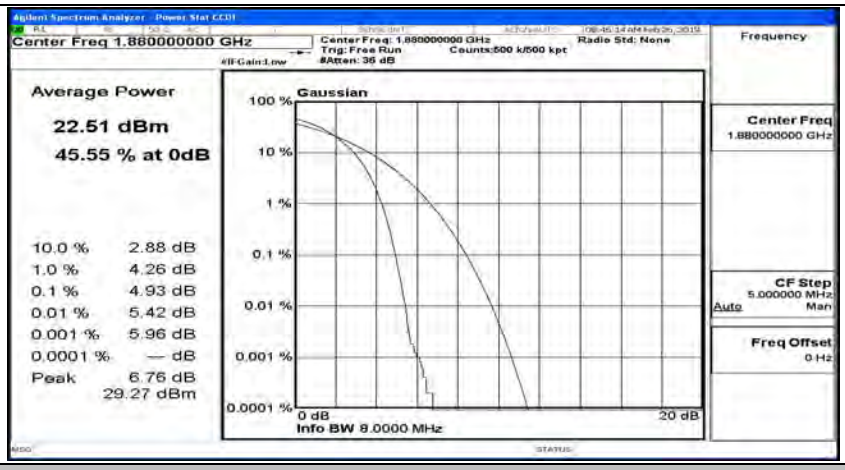
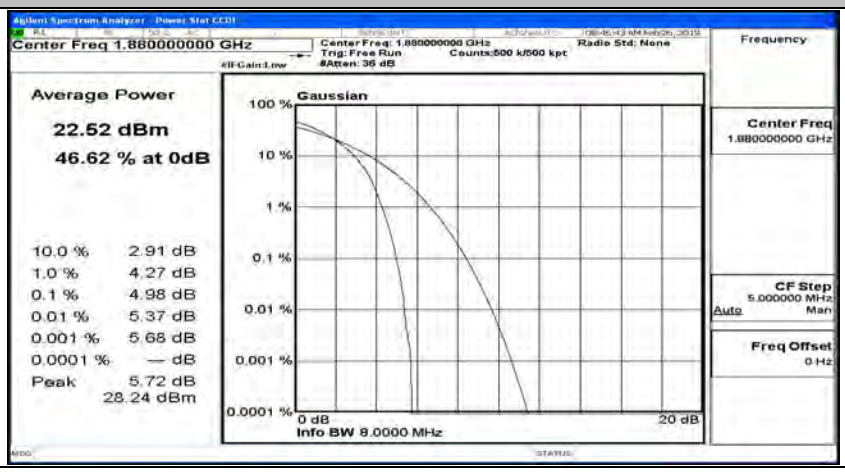
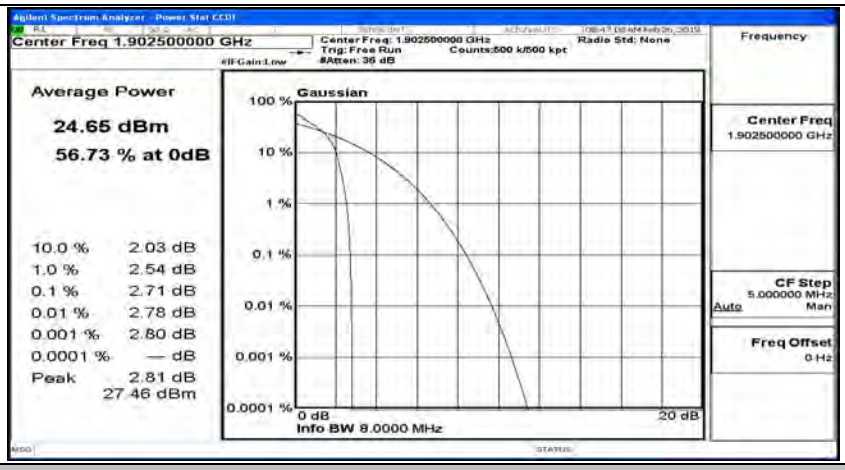


(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



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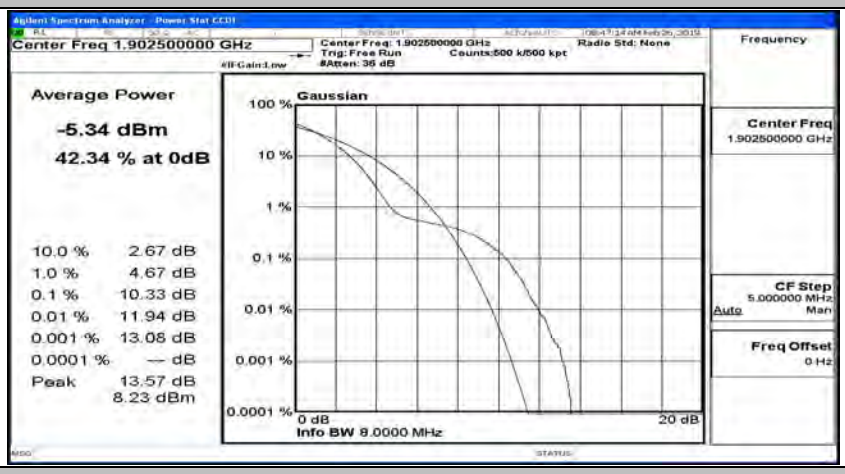
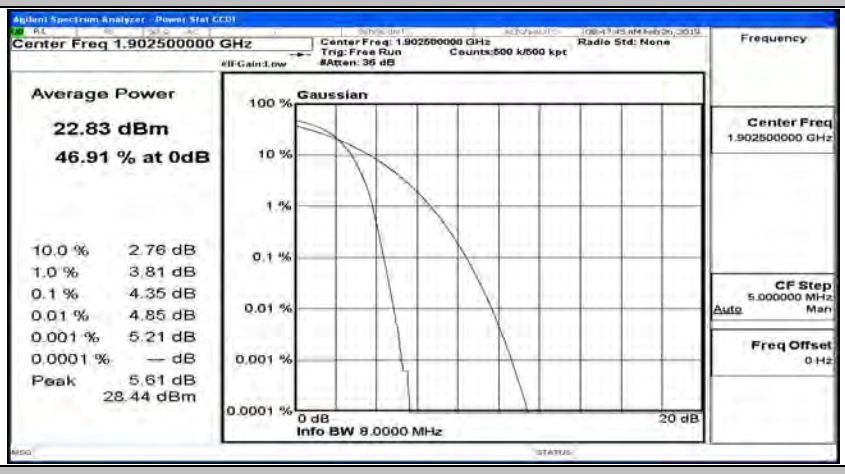
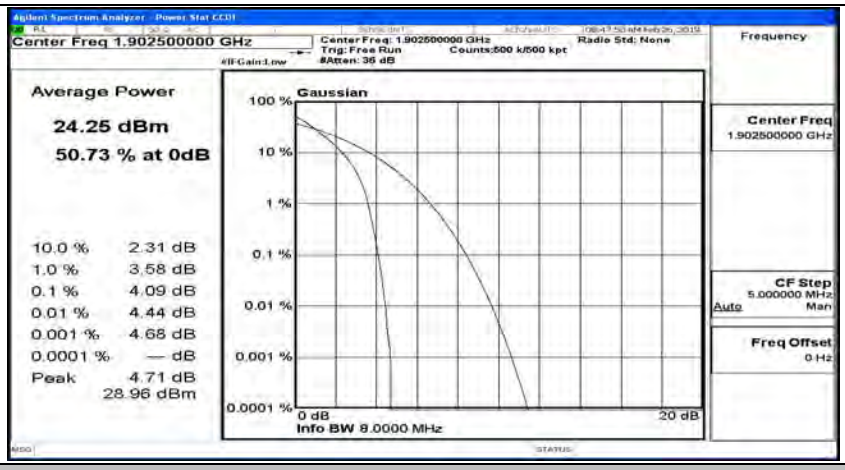


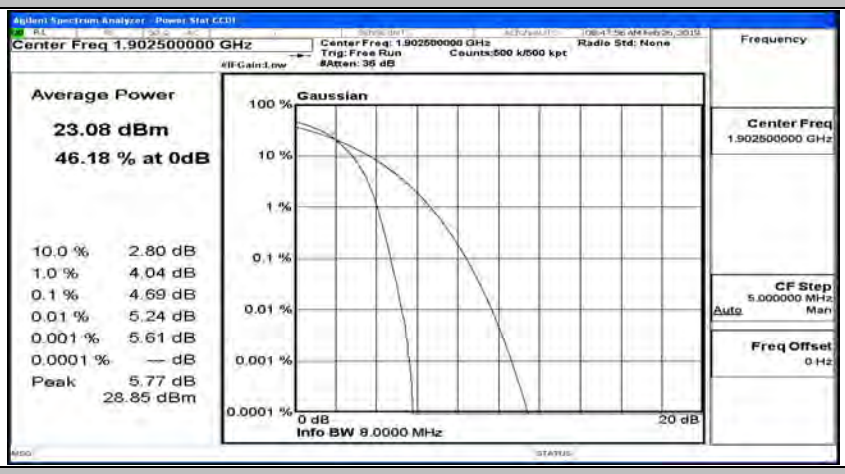
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



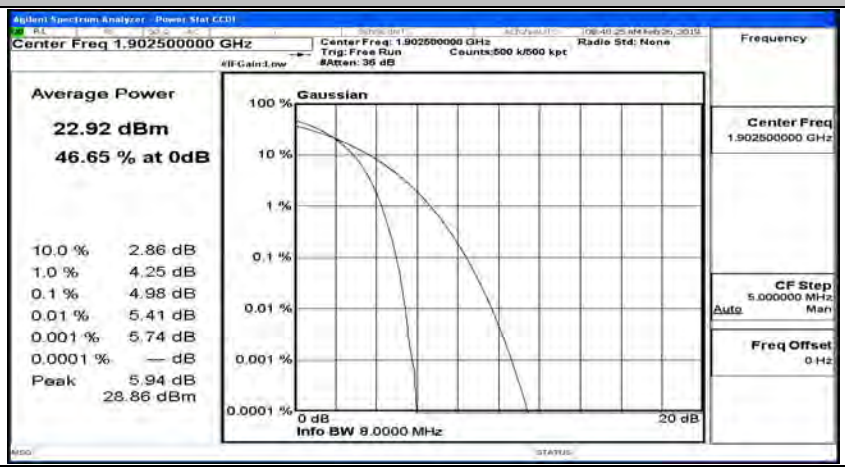
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



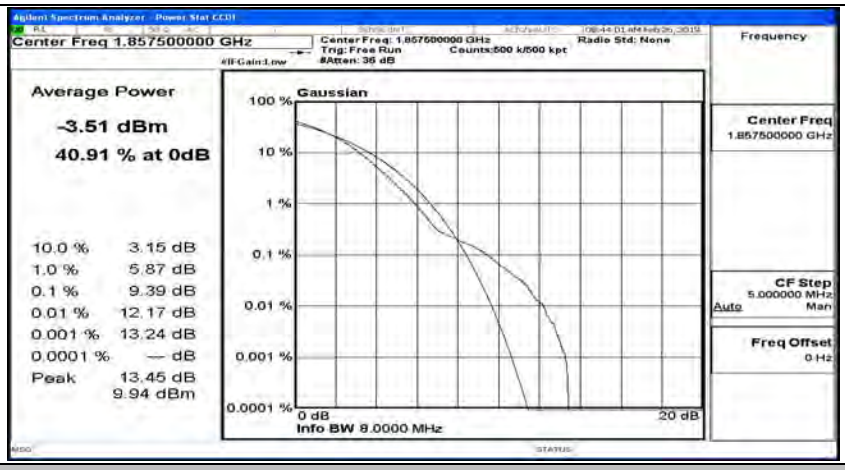
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



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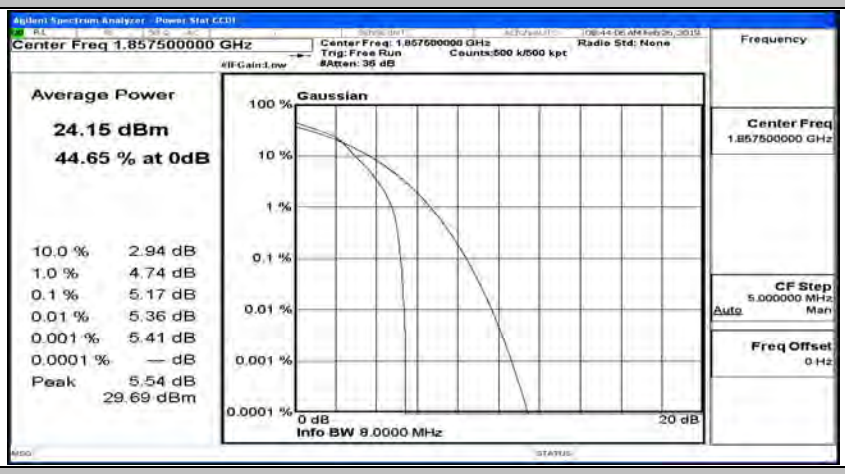

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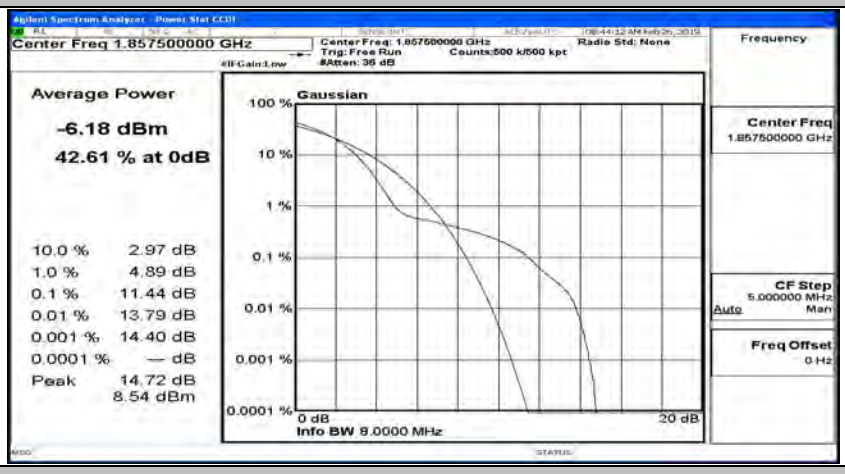
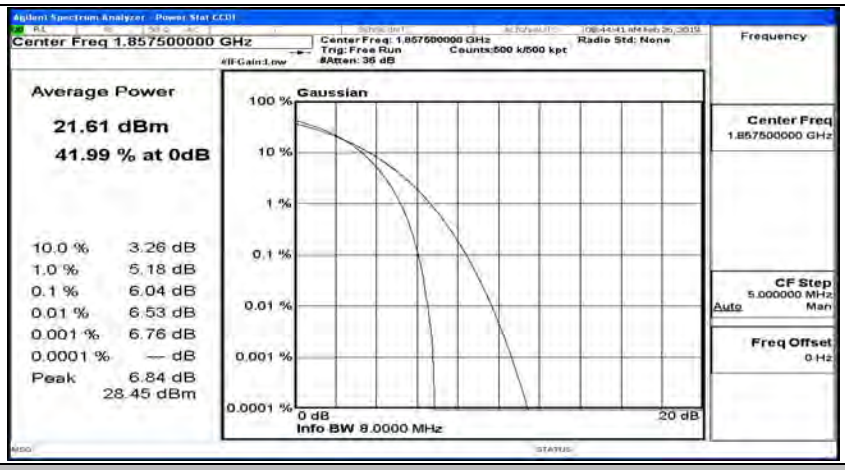
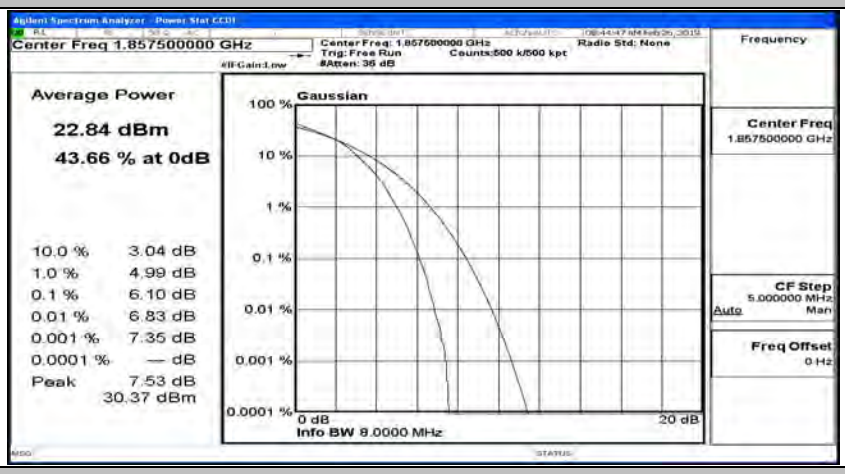


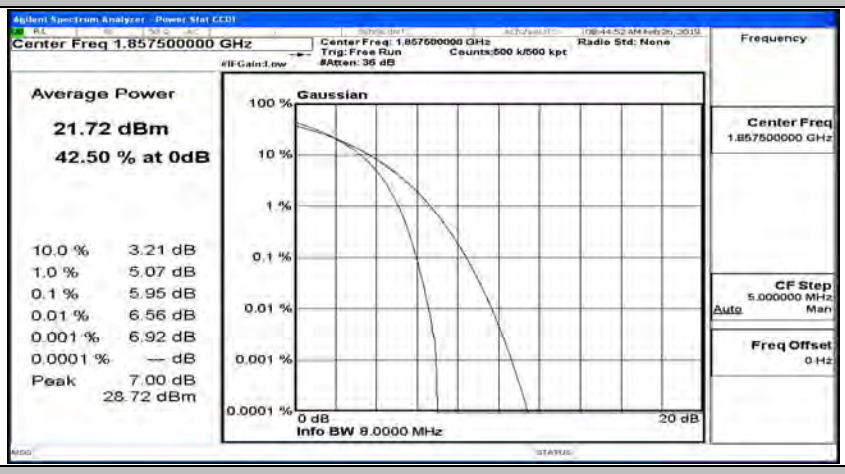
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



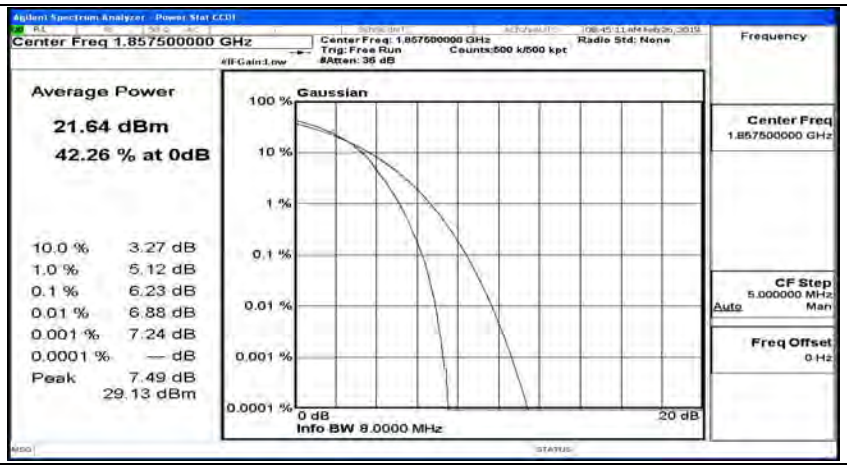
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0

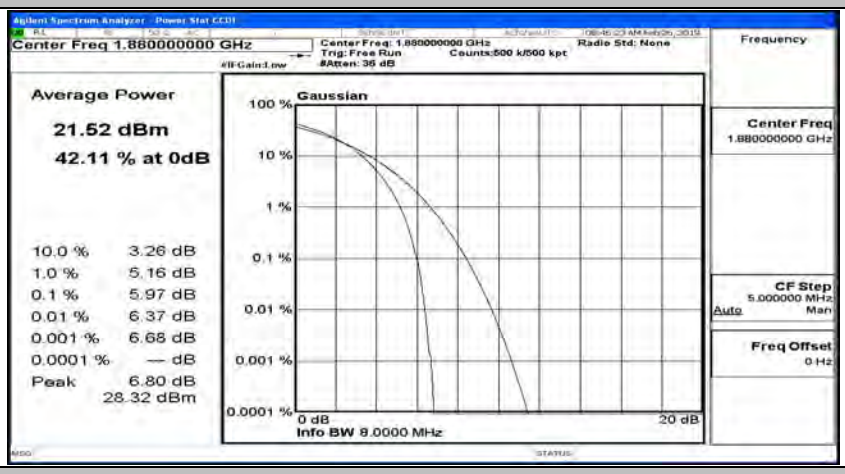


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74

(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



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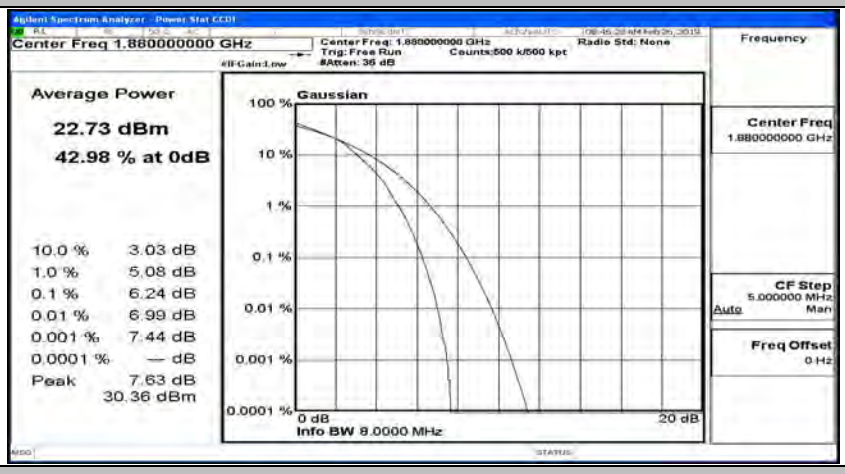
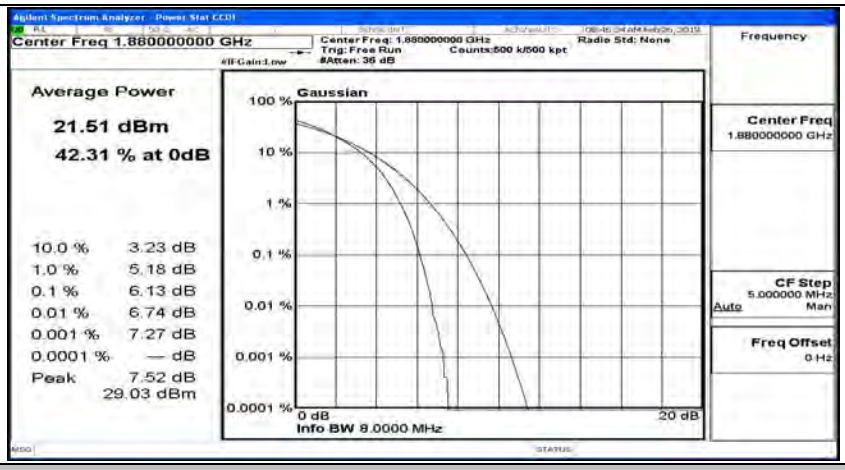


(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



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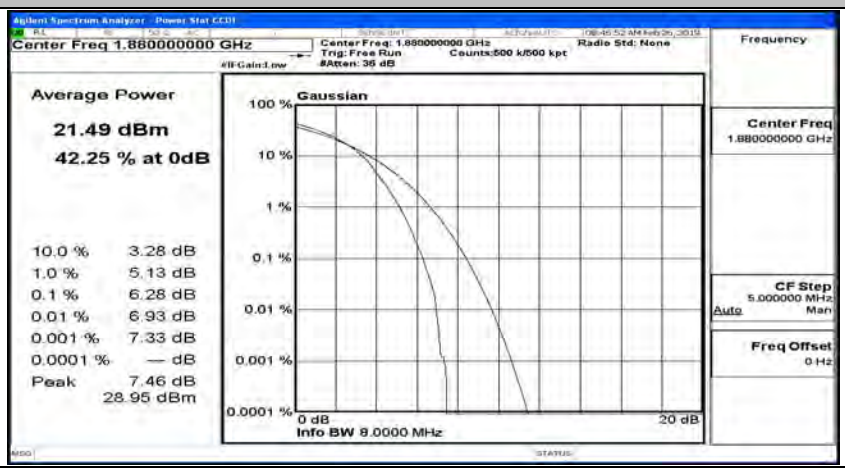
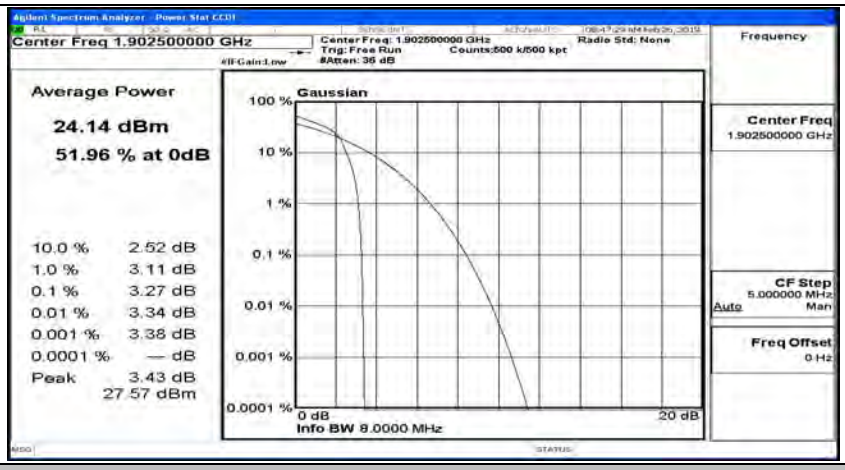


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



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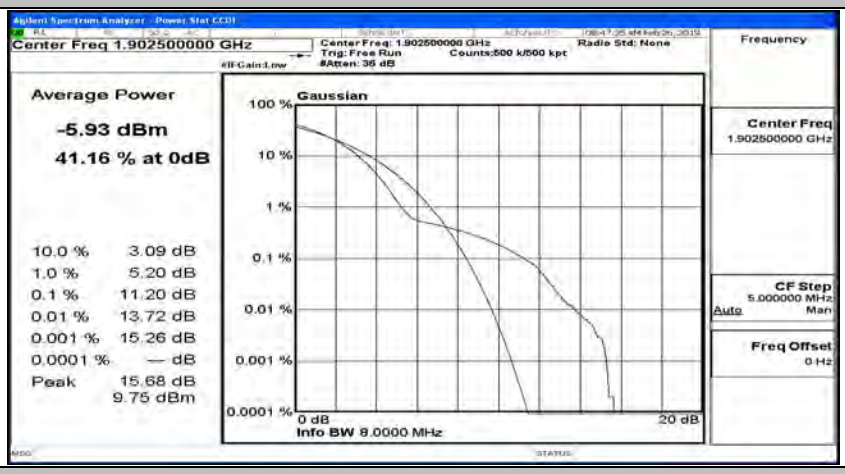
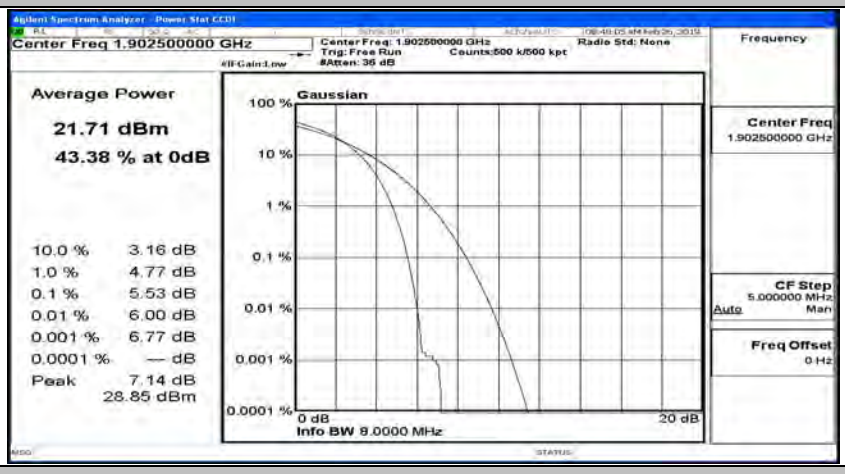
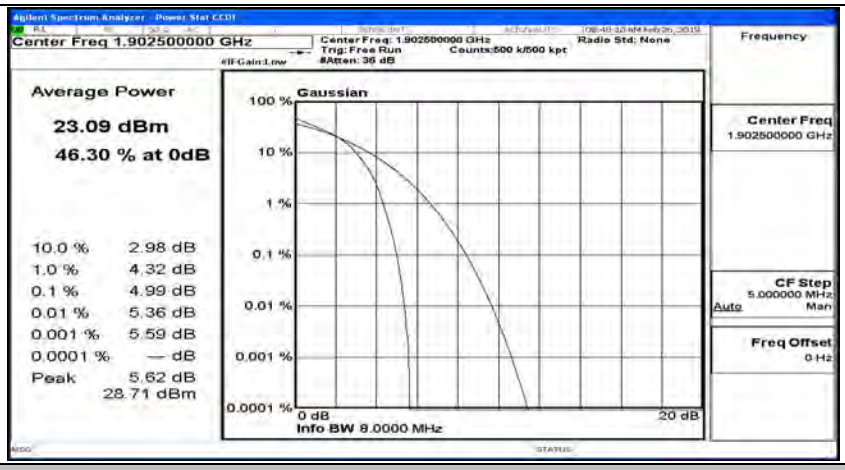


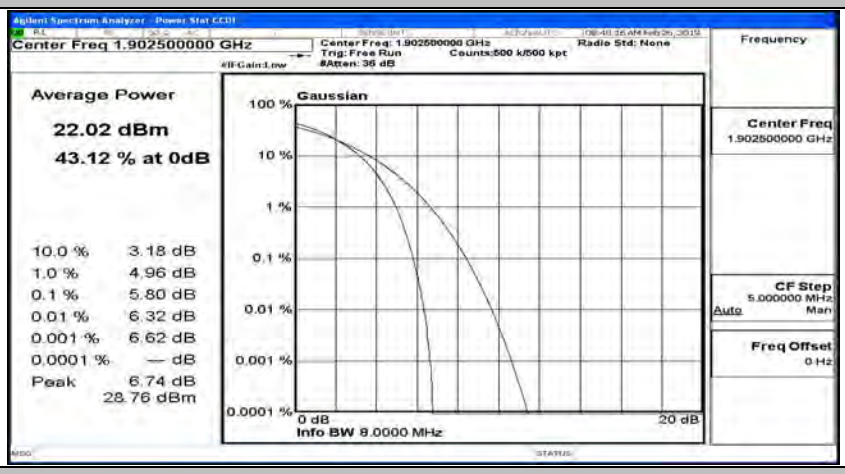
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



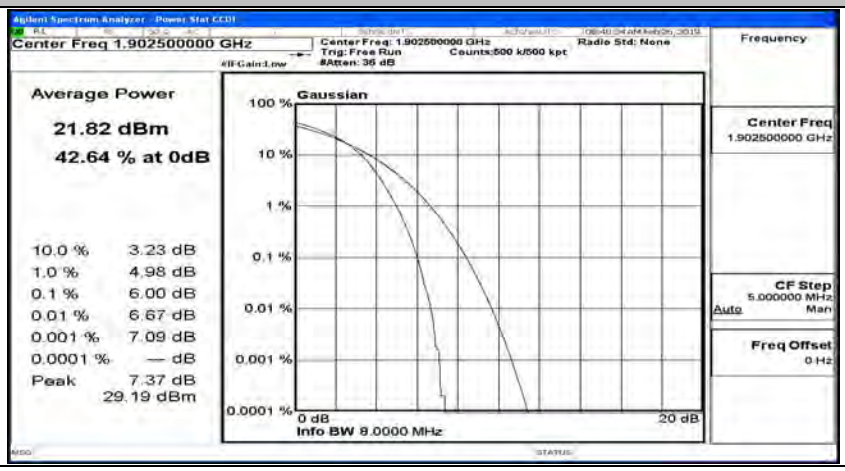
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38



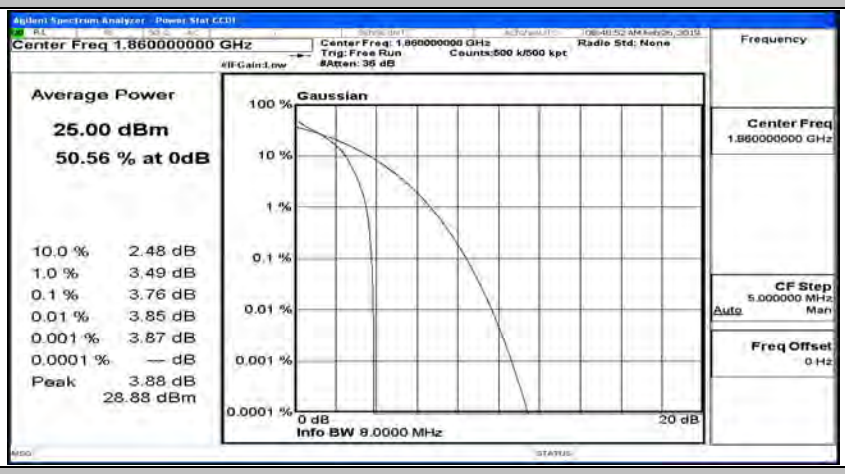
(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0



Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0

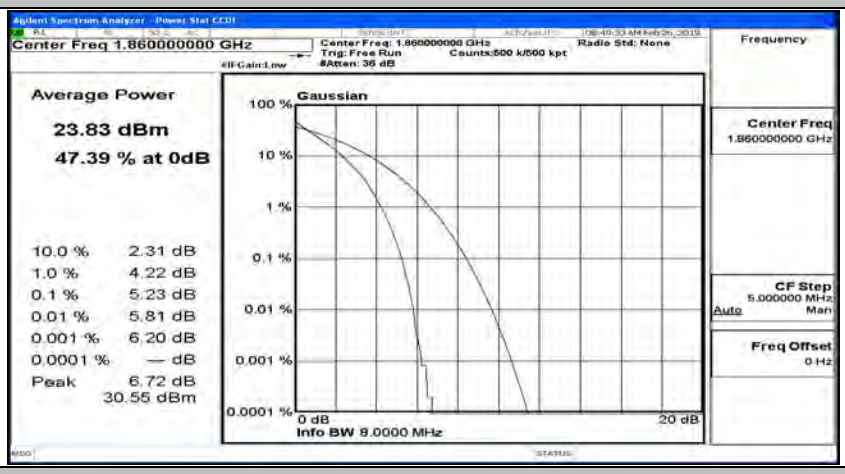
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49



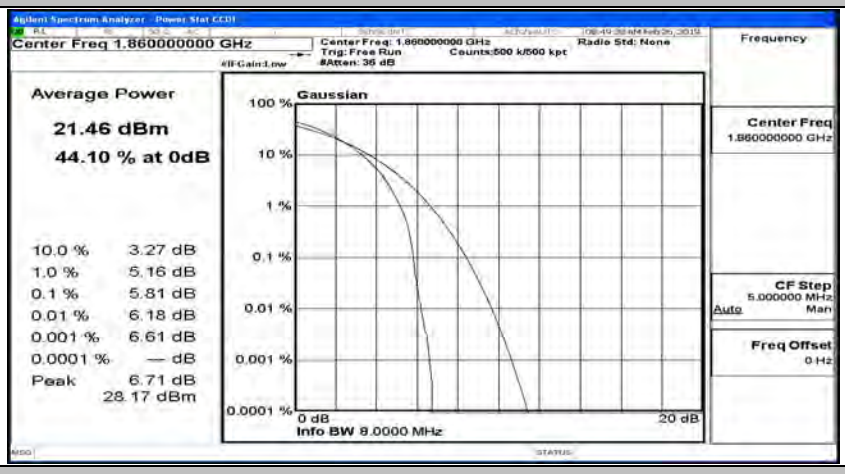
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99

(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0

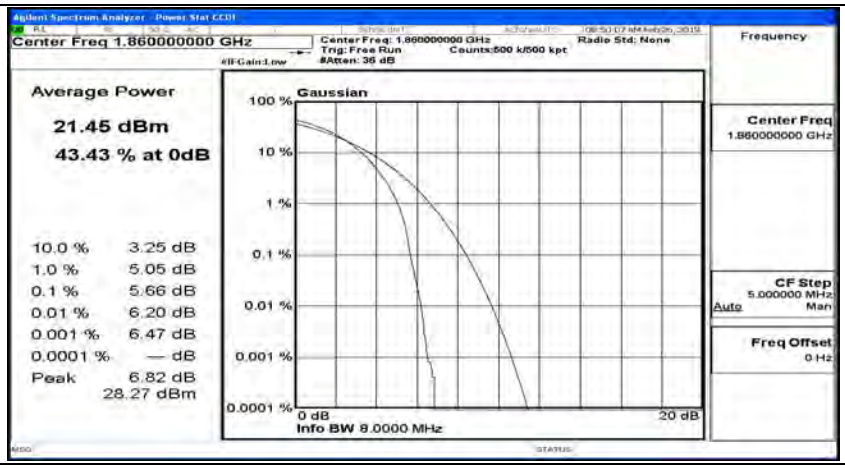
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0

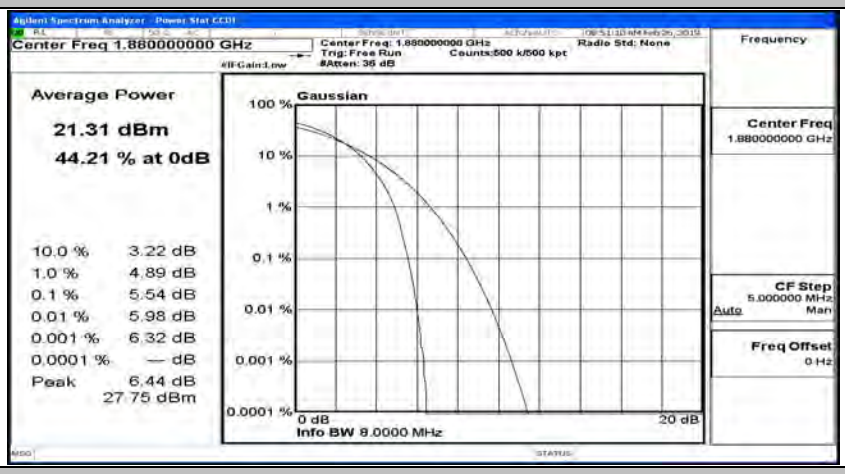


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

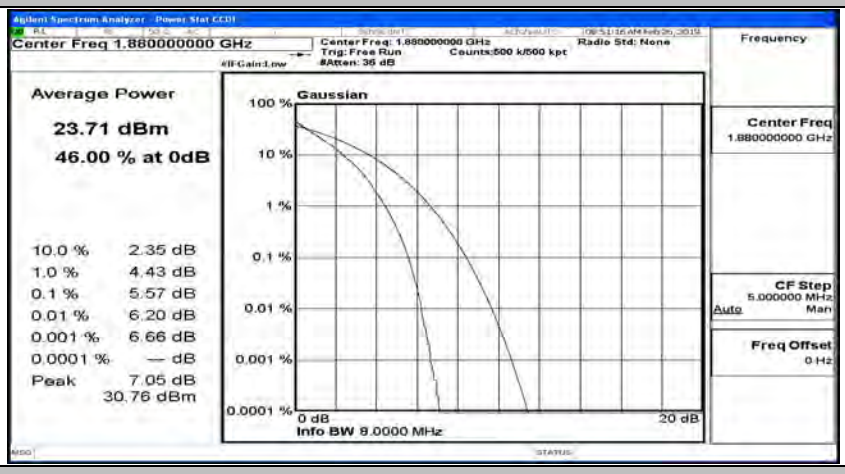
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

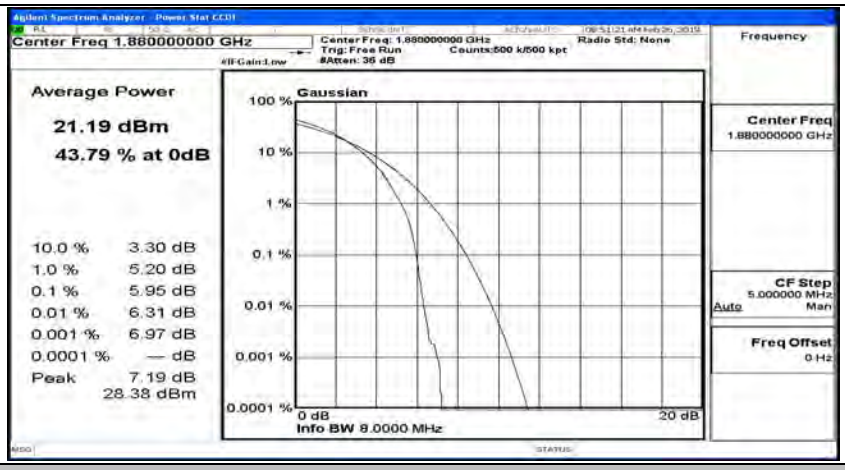
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0



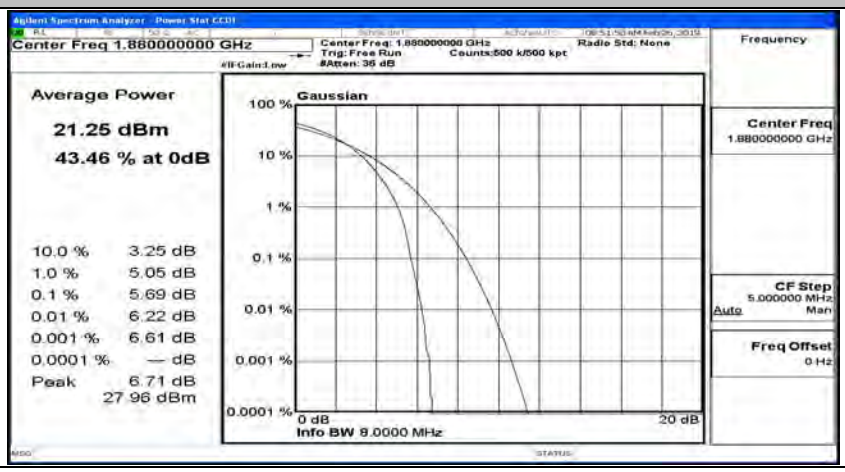
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25



(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50

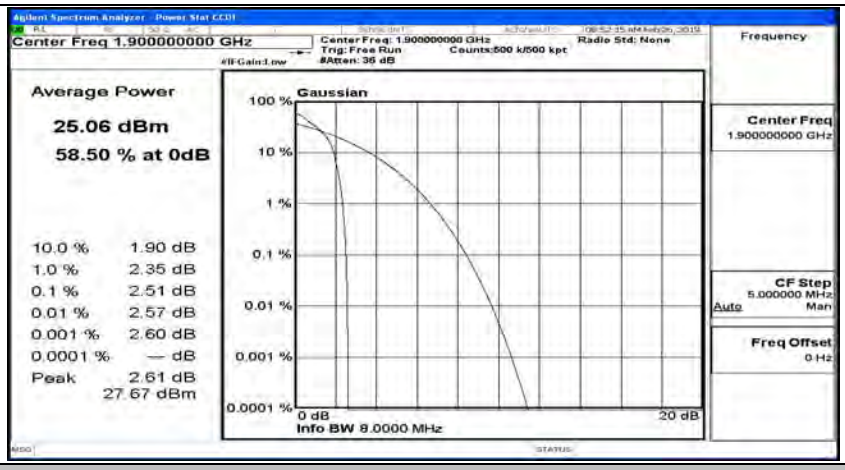


(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0

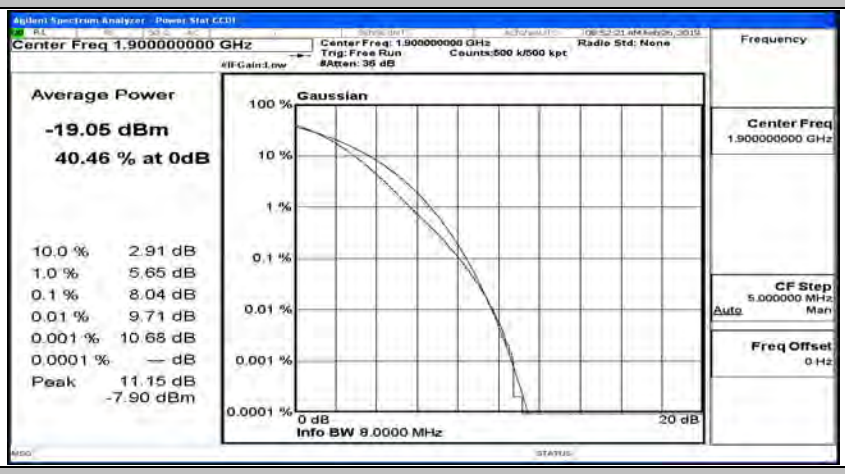


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

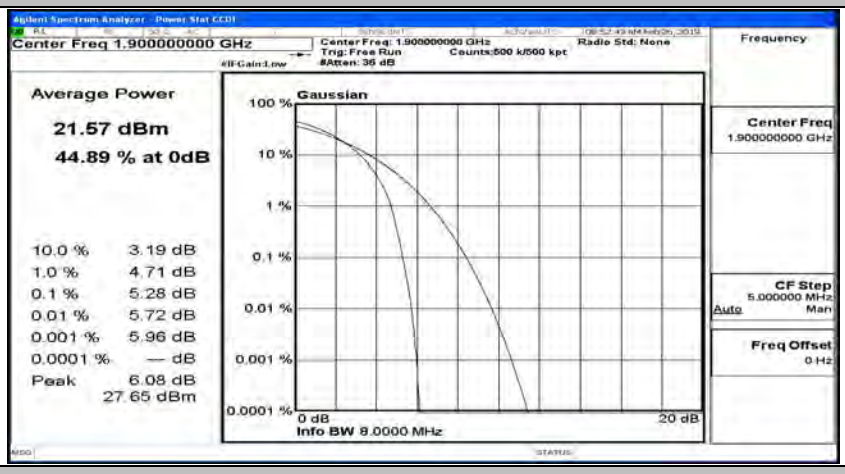
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49



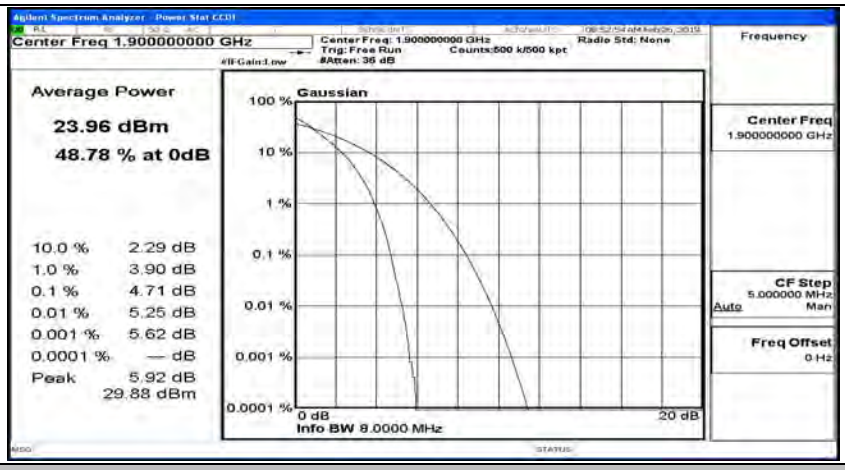
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99



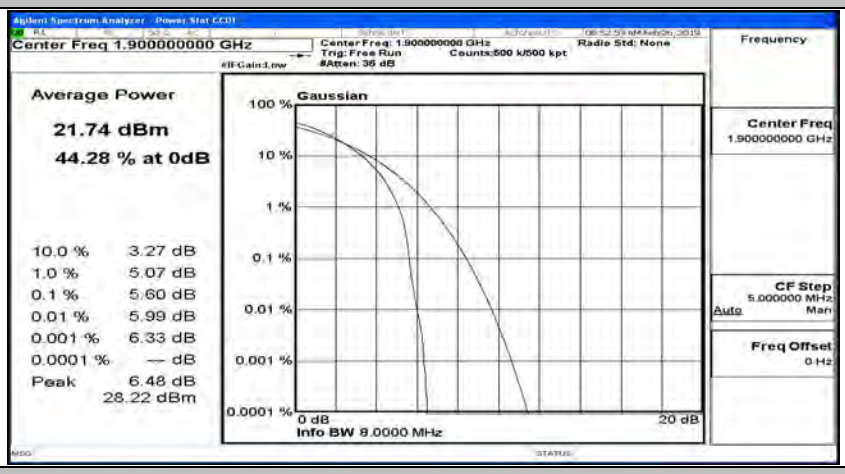
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0



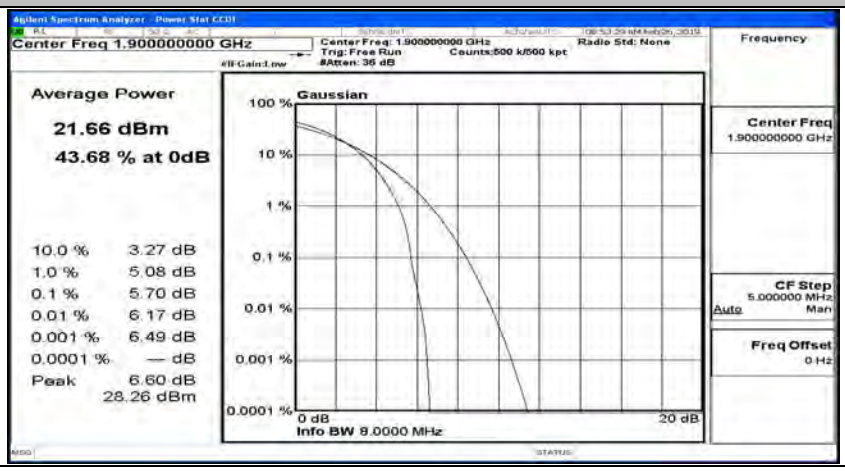
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25



(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50

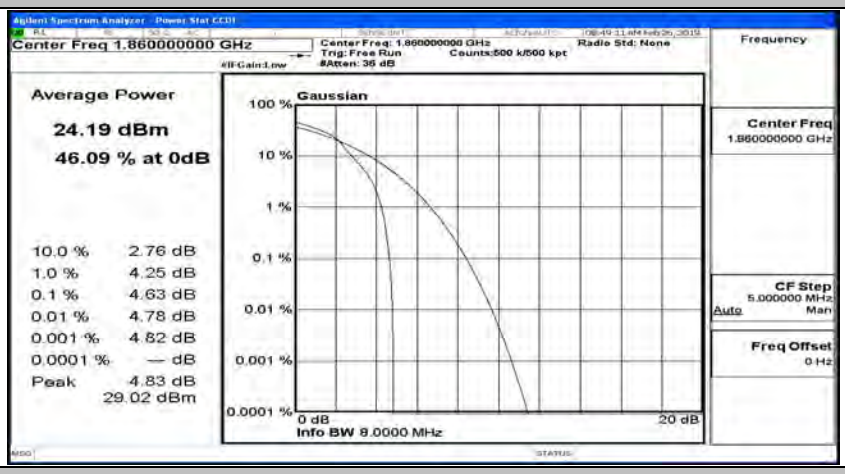


(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

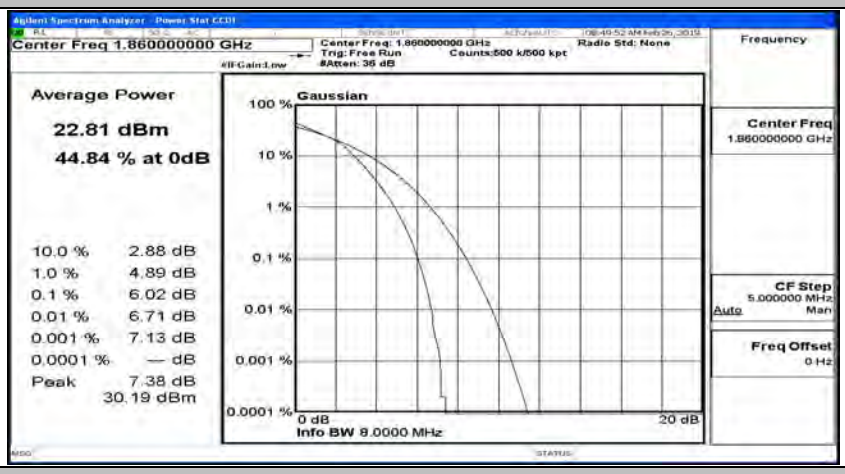
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



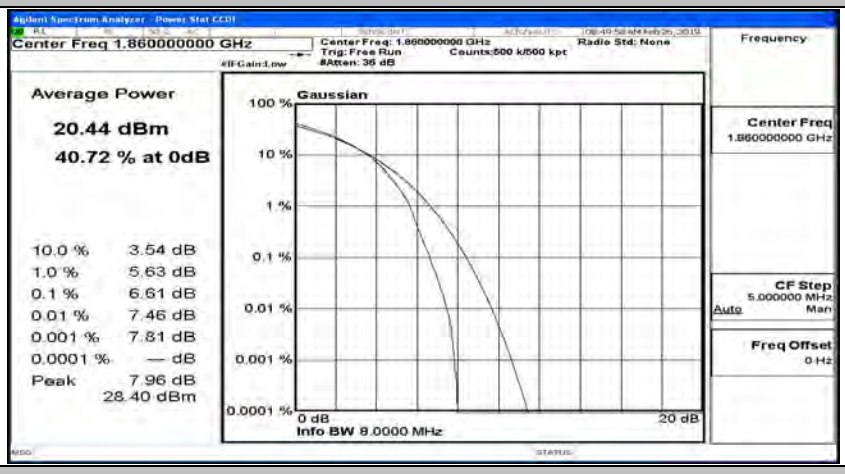
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99

(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0

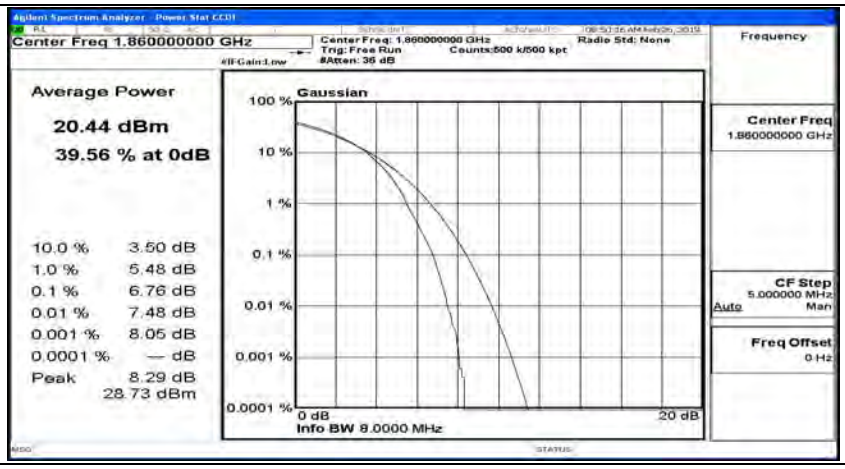
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50



(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0

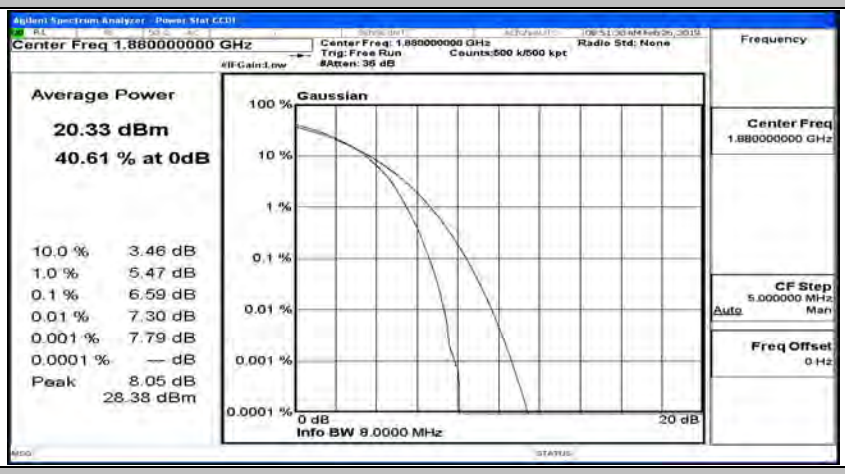


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

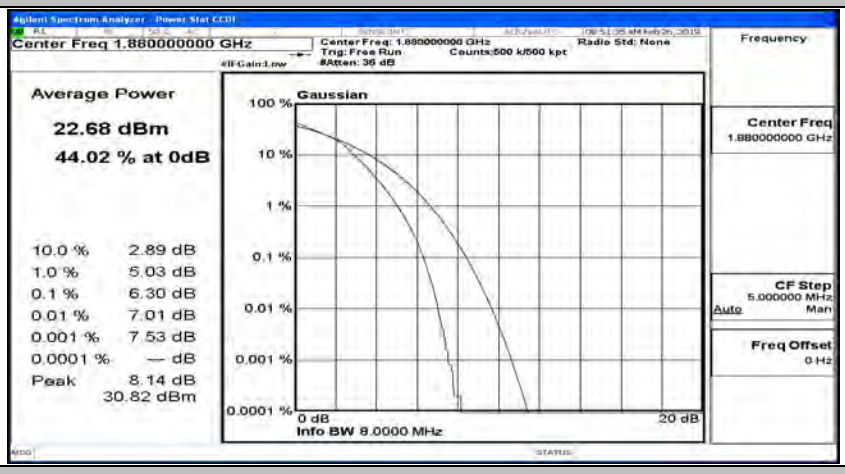
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99

(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25

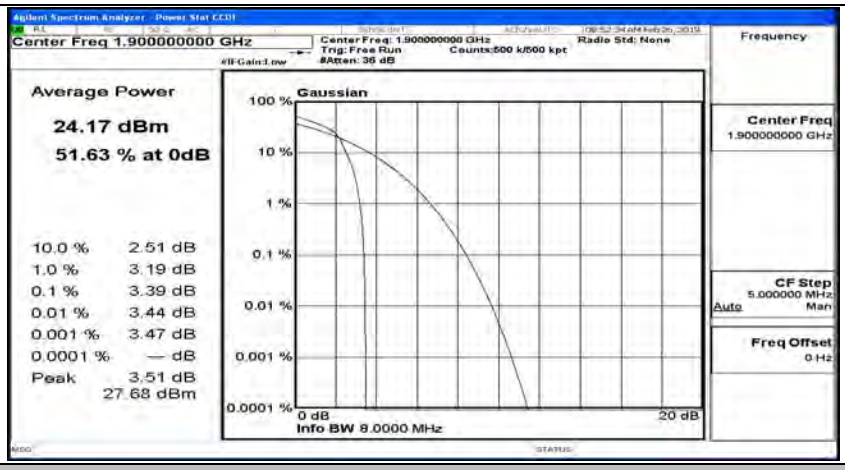


(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50

(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0

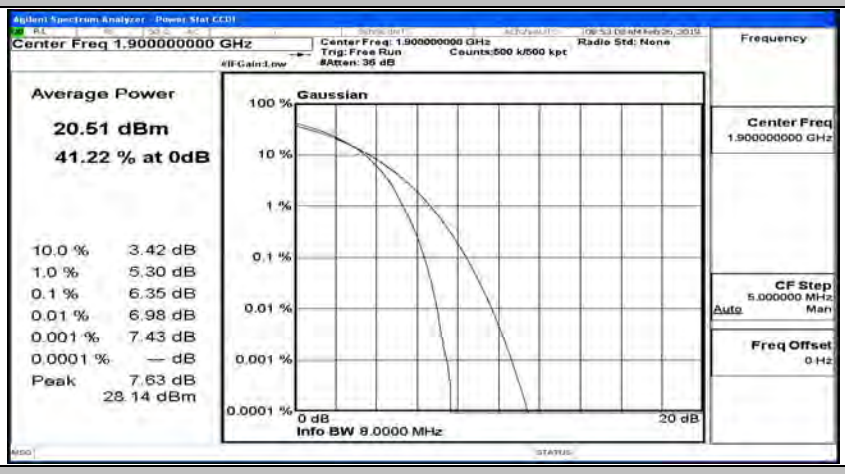
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0

(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49

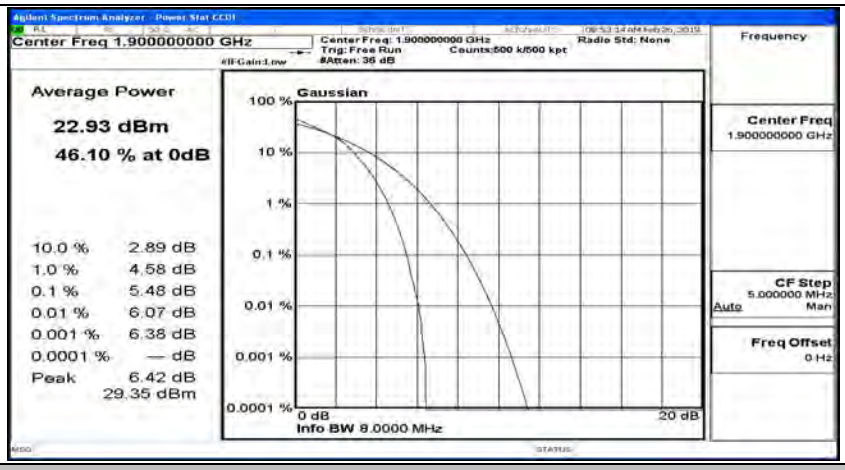


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99

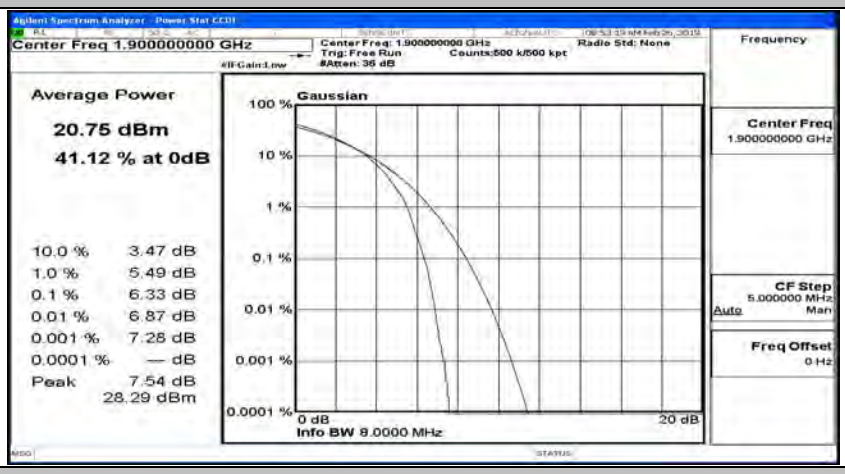
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#50



(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0

F.3 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	1	0	0.22953	0.3666	PASS
		1	3	0.21775	0.3400	PASS
		1	5	0.22594	0.3484	PASS
		3	0	0.55110	0.7096	PASS
		3	2	0.54886	0.7007	PASS
		3	3	0.54799	0.7178	PASS
		6	0	1.0766	1.223	PASS
	MCH	1	0	0.22589	0.3580	PASS
		1	3	0.22740	0.3512	PASS
		1	5	0.23108	0.3467	PASS
		3	0	0.55074	0.7251	PASS
		3	2	0.55009	0.7103	PASS
		3	3	0.54977	0.6920	PASS
		6	0	1.0753	1.230	PASS
	HCH	1	0	0.22866	0.3367	PASS
		1	3	0.22757	0.3732	PASS
		1	5	0.23611	0.3728	PASS
		3	0	0.55267	0.7110	PASS
		3	2	0.54874	0.7254	PASS
		3	3	0.55344	0.7340	PASS
		6	0	1.0765	1.220	PASS
16QAM	LCH	1	0	0.23553	0.3417	PASS
		1	3	0.22727	0.3461	PASS
		1	5	0.23608	0.3729	PASS
		3	0	0.55566	0.7384	PASS
		3	2	0.55485	0.7173	PASS
		3	3	0.55543	0.7535	PASS
		6	0	1.0793	1.255	PASS
	MCH	1	0	0.22062	0.3517	PASS
		1	3	0.23046	0.3770	PASS
		1	5	0.22784	0.3425	PASS

		3	0	0.55674	0.7304	PASS
		3	2	0.55380	0.7472	PASS
		3	3	0.55741	0.7439	PASS
		6	0	1.0775	1.214	PASS
	HCH	1	0	0.23201	0.3712	PASS
		1	3	0.23741	0.4243	PASS
		1	5	0.23648	0.3536	PASS
		3	0	0.55671	0.7397	PASS
		3	2	0.55040	0.7397	PASS
		3	3	0.55257	0.7353	PASS
		6	0	1.0765	1.226	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.25482	0.3879	PASS
		1	7	0.26954	0.4262	PASS
		1	14	0.25668	0.3972	PASS
		8	0	1.4428	1.643	PASS
		8	4	1.4453	1.689	PASS
		8	7	1.4425	1.619	PASS
		15	0	2.6798	2.834	PASS
	MCH	1	0	0.25646	0.3963	PASS
		1	7	0.26848	0.4423	PASS
		1	14	0.26367	0.3925	PASS
		8	0	1.4436	1.654	PASS
		8	4	1.4453	1.692	PASS
		8	7	1.4463	1.633	PASS
		15	0	2.6767	2.825	PASS
	HCH	1	0	0.26018	0.4330	PASS
		1	7	0.26017	0.4333	PASS
		1	14	0.25688	0.4060	PASS
		8	0	1.4466	1.616	PASS
		8	4	1.4475	1.652	PASS
		8	7	1.4450	1.624	PASS
		15	0	2.6796	2.832	PASS
16QAM	LCH	1	0	0.25817	0.3914	PASS

		1	7	0.26848	0.4423	PASS
		1	14	0.26024	0.4074	PASS
		8	0	1.4438	1.654	PASS
		8	4	1.4459	1.695	PASS
		8	7	1.4446	1.645	PASS
		15	0	2.6820	2.843	PASS
	MCH	1	0	0.25915	0.4354	PASS
		1	7	0.26483	0.4178	PASS
		1	14	0.26195	0.3896	PASS
		8	0	1.4385	1.640	PASS
		8	4	1.4480	1.721	PASS
		8	7	1.4428	1.658	PASS
		15	0	2.6794	2.827	PASS
	HCH	1	0	0.25827	0.4183	PASS
		1	7	0.28185	0.4179	PASS
		1	14	0.26669	0.4134	PASS
		8	0	1.4434	1.613	PASS
		8	4	1.4465	1.698	PASS
		8	7	1.4424	1.647	PASS
		15	0	2.6836	2.843	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.32132	0.5533	PASS
		1	12	0.34596	0.5700	PASS
		1	24	0.34225	0.5552	PASS
		12	0	2.1721	2.605	PASS
		12	6	2.1820	2.585	PASS
		12	13	2.1801	2.571	PASS
		25	0	4.4773	4.843	PASS
	MCH	1	0	0.33561	0.5638	PASS
		1	12	0.33719	0.5883	PASS
		1	24	0.33639	0.5519	PASS
		12	0	2.1686	2.591	PASS
		12	6	2.1718	2.568	PASS
		12	13	2.1770	2.571	PASS
		25	0	4.4845	4.869	PASS

	HCH	1	0	0.34274	0.5373	PASS
		1	12	0.37241	0.5980	PASS
		1	24	0.36259	0.5938	PASS
		12	0	2.1789	2.591	PASS
		12	6	2.1817	2.649	PASS
		12	13	2.1796	2.613	PASS
		25	0	4.4828	4.909	PASS
16QAM	LCH	1	0	0.34173	0.5878	PASS
		1	12	0.36435	0.5701	PASS
		1	24	0.34350	0.5571	PASS
		12	0	2.1712	2.596	PASS
		12	6	2.1805	2.567	PASS
		12	13	2.1739	2.562	PASS
		25	0	4.4797	4.861	PASS
	MCH	1	0	0.34966	0.6347	PASS
		1	12	0.37039	0.6035	PASS
		1	24	0.35474	0.5856	PASS
		12	0	2.1744	2.637	PASS
		12	6	2.1724	2.620	PASS
		12	13	2.1736	2.557	PASS
		25	0	4.4672	4.884	PASS
	HCH	1	0	0.38243	0.6166	PASS
		1	12	0.38084	0.6209	PASS
		1	24	0.34044	0.5271	PASS
		12	0	2.1810	2.595	PASS
		12	6	2.1812	2.581	PASS
		12	13	2.1813	2.569	PASS
		25	0	4.4843	4.856	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.43578	0.6738	PASS
		1	25	0.44128	0.7021	PASS
		1	49	0.43420	0.6894	PASS
		25	0	4.5203	5.024	PASS
		25	12	4.5283	5.052	PASS
		25	25	4.5159	5.002	PASS
		50	0	8.9543	9.486	PASS
	MCH	1	0	0.43072	0.6824	PASS

		1	25	0.45101	0.6909	PASS
		1	49	0.43113	0.6965	PASS
		25	0	4.5129	5.025	PASS
		25	12	4.5206	5.043	PASS
		25	25	4.5290	5.054	PASS
		50	0	8.9396	9.619	PASS
	HCH	1	0	0.47028	0.7532	PASS
		1	25	0.44542	0.7264	PASS
		1	49	0.43537	0.6825	PASS
		25	0	4.5295	5.204	PASS
		25	12	4.5218	5.072	PASS
		25	25	4.5087	5.055	PASS
		50	0	8.9550	9.586	PASS
16QAM	LCH	1	0	0.43988	0.7130	PASS
		1	25	0.43190	0.6274	PASS
		1	49	0.44468	0.6760	PASS
		25	0	4.5154	5.023	PASS
		25	12	4.5221	4.999	PASS
		25	25	4.5124	5.018	PASS
		50	0	8.9404	9.454	PASS
	MCH	1	0	0.41718	0.6649	PASS
		1	25	0.42536	0.6312	PASS
		1	49	0.44253	0.6891	PASS
		25	0	4.5093	4.987	PASS
		25	12	4.5253	5.003	PASS
		25	25	4.5182	5.037	PASS
		50	0	8.9373	9.513	PASS
	HCH	1	0	0.44246	0.6727	PASS
		1	25	0.44279	0.6970	PASS
		1	49	0.44362	0.6835	PASS
		25	0	4.5235	5.101	PASS
		25	12	4.5107	5.191	PASS
		25	25	4.5046	5.100	PASS
		50	0	8.9580	9.492	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.53921	0.7975	PASS

		1	37	0.53643	0.7657	PASS
		1	74	0.51764	0.7928	PASS
		37	0	6.4850	7.104	PASS
		37	18	6.4978	7.114	PASS
		37	38	6.4950	7.155	PASS
		75	0	13.383	13.97	PASS
	MCH	1	0	0.52761	0.7929	PASS
		1	37	0.53459	0.7950	PASS
		1	74	0.51537	0.7979	PASS
		37	0	6.5024	7.062	PASS
		37	18	6.4852	7.156	PASS
		37	38	6.4893	7.199	PASS
		75	0	13.392	14.02	PASS
	HCH	1	0	0.52761	0.7792	PASS
		1	37	0.55926	0.8650	PASS
		1	74	0.54036	0.8352	PASS
		37	0	6.4949	7.297	PASS
		37	18	6.5434	8.406	PASS
		37	38	6.5096	7.272	PASS
		75	0	13.427	14.23	PASS
16QAM	LCH	1	0	0.52943	0.7986	PASS
		1	37	0.54256	0.7875	PASS
		1	74	0.53817	0.8049	PASS
		37	0	6.4829	7.121	PASS
		37	18	6.4825	7.214	PASS
		37	38	6.4761	7.065	PASS
		75	0	13.393	14.09	PASS
	MCH	1	0	0.53342	0.8279	PASS
		1	37	0.52245	0.7634	PASS
		1	74	0.53386	0.7648	PASS
		37	0	6.4983	7.177	PASS
		37	18	6.4945	7.199	PASS
		37	38	6.4930	7.157	PASS
		75	0	13.411	14.13	PASS
	HCH	1	0	0.51629	0.8045	PASS
		1	37	0.53726	0.8406	PASS
		1	74	0.54877	0.8082	PASS
		37	0	6.4992	7.158	PASS
		37	18	6.5127	7.450	PASS
		37	38	6.5077	7.274	PASS
		75	0	13.409	14.16	PASS

Channel Bandwidth: 20 MHz

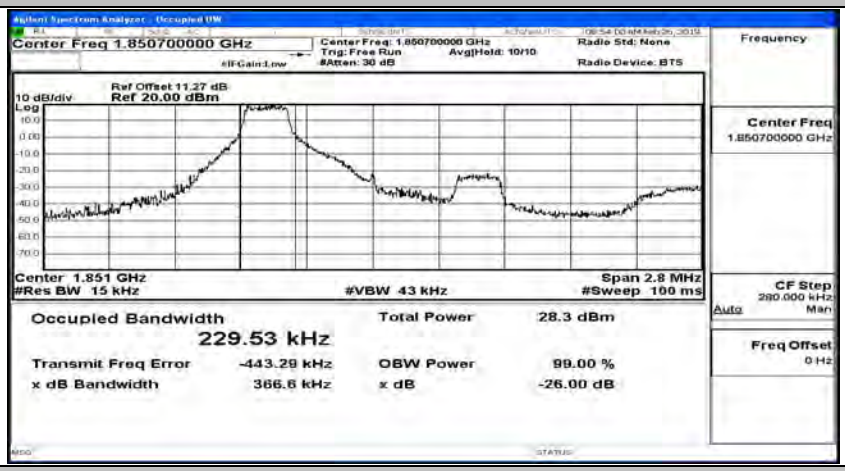
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.60220	0.8391	PASS
		1	50	0.60418	0.9057	PASS
		1	99	0.62345	0.9003	PASS
		50	0	8.9767	9.705	PASS
		50	25	8.9929	9.677	PASS
		50	50	8.9918	9.776	PASS
		100	0	17.824	18.60	PASS
	MCH	1	0	0.61248	0.9410	PASS
		1	50	0.60429	0.8874	PASS
		1	99	0.61554	0.8734	PASS
		50	0	8.9985	9.767	PASS
		50	25	8.9845	9.604	PASS
		50	50	9.0090	9.673	PASS
		100	0	17.852	18.70	PASS
	HCH	1	0	0.59489	0.9101	PASS
		1	50	0.61978	0.9126	PASS
		1	99	0.60716	0.8774	PASS
		50	0	8.9885	9.644	PASS
		50	25	8.9742	9.655	PASS
		50	50	8.9980	9.662	PASS
		100	0	17.799	18.54	PASS
16QAM	LCH	1	0	0.61362	0.9523	PASS
		1	50	0.62214	1.027	PASS
		1	99	0.59090	0.8110	PASS
		50	0	8.9757	9.600	PASS
		50	25	8.9820	9.663	PASS
		50	50	8.9866	9.658	PASS
		100	0	17.824	18.58	PASS
	MCH	1	0	0.61989	0.9175	PASS
		1	50	0.60684	0.8965	PASS
		1	99	0.61282	0.8522	PASS
		50	0	8.9810	9.739	PASS
		50	25	8.9948	9.677	PASS
		50	50	8.9934	9.653	PASS
		100	0	17.847	18.60	PASS
	HCH	1	0	0.61797	0.8568	PASS

		1	50	0.61877	0.8791	PASS
		1	99	0.58515	0.8397	PASS
		50	0	8.9750	9.645	PASS
		50	25	8.9869	9.724	PASS
		50	50	9.0065	9.698	PASS
		100	0	17.820	18.59	PASS

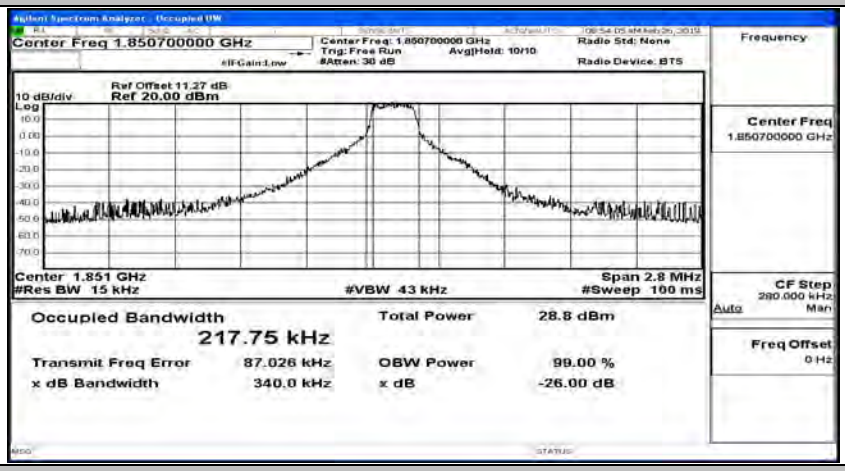
Test Graphs

Channel Bandwidth: 1.4 MHz

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0

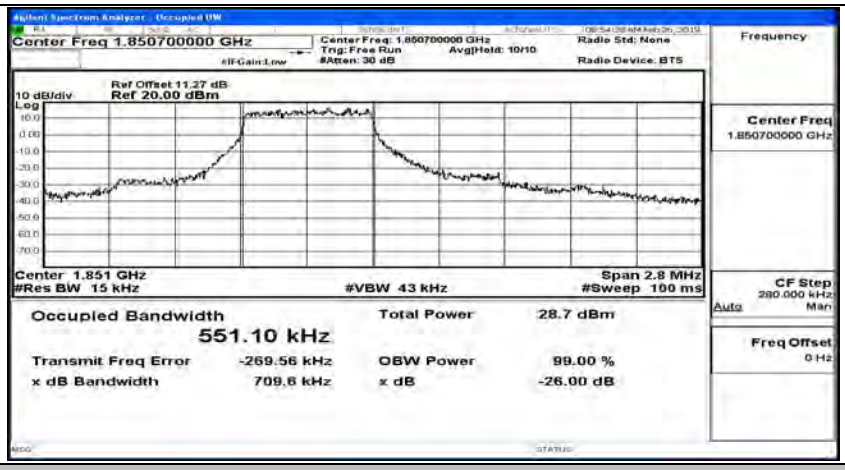


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3

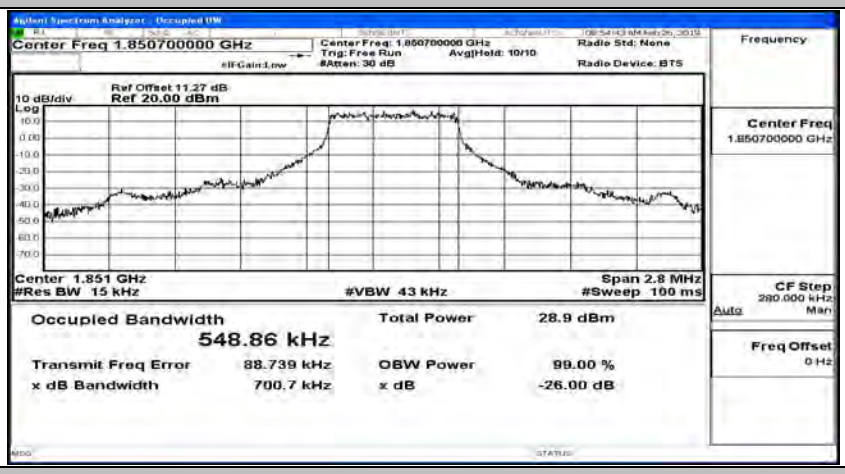


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5

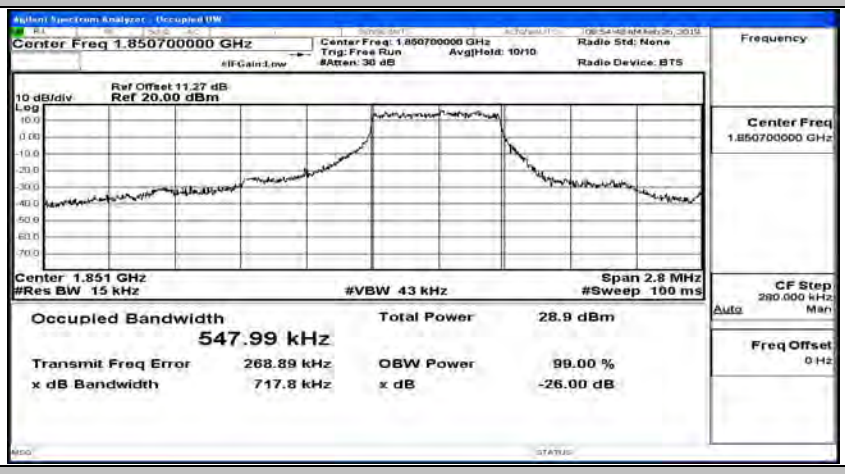
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



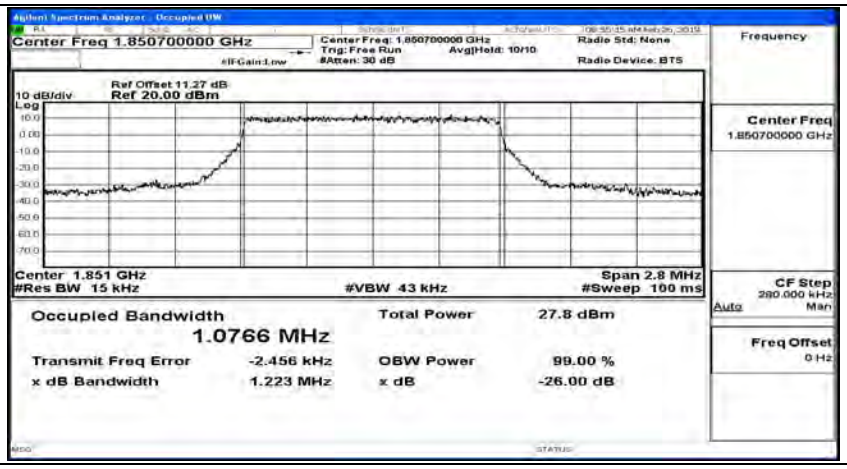
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



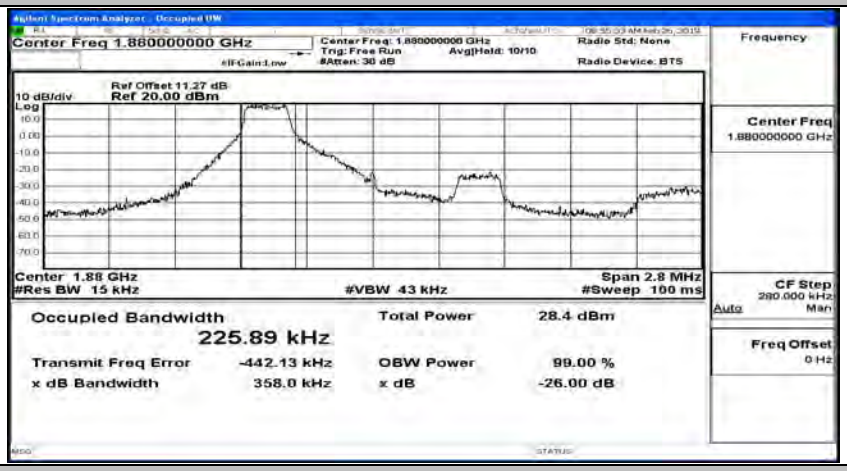
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



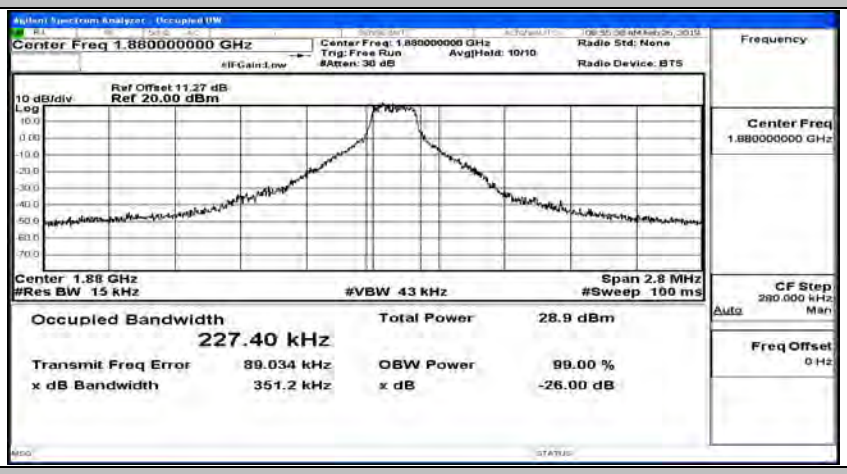
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



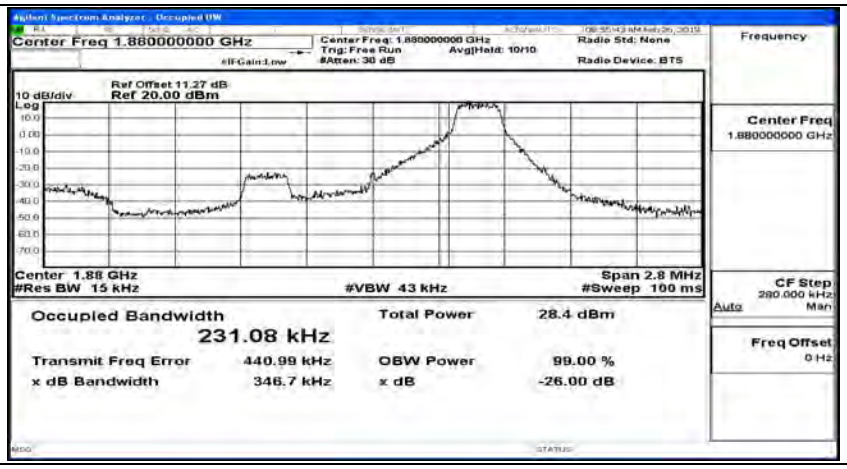
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



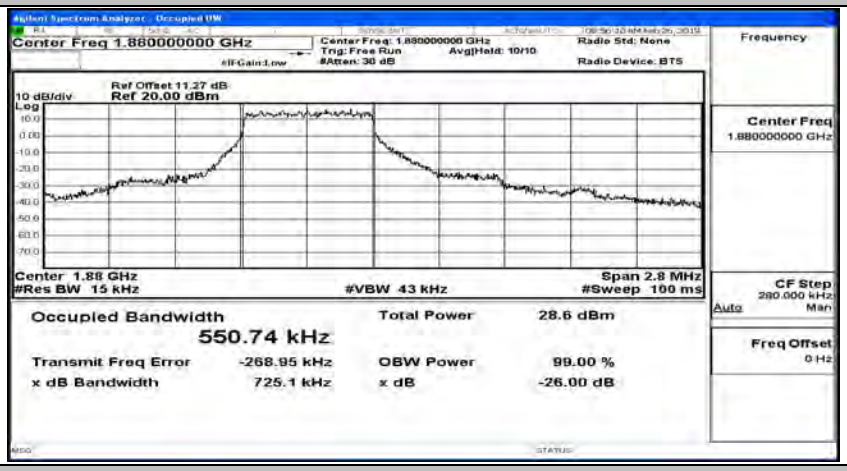
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



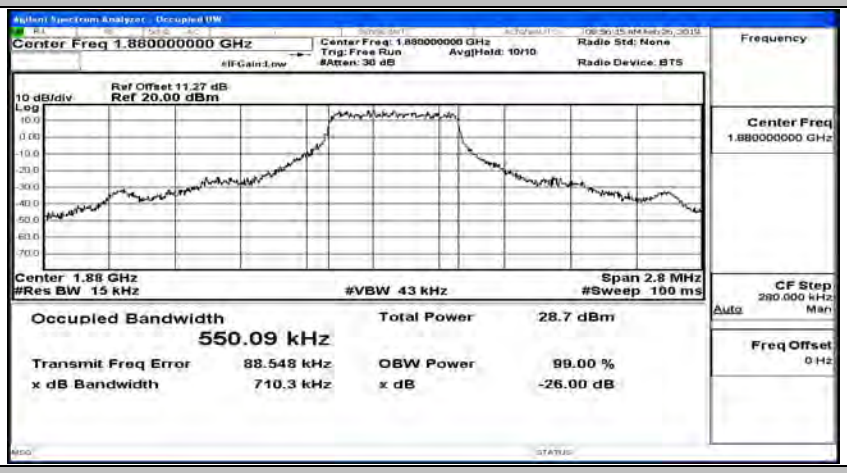
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



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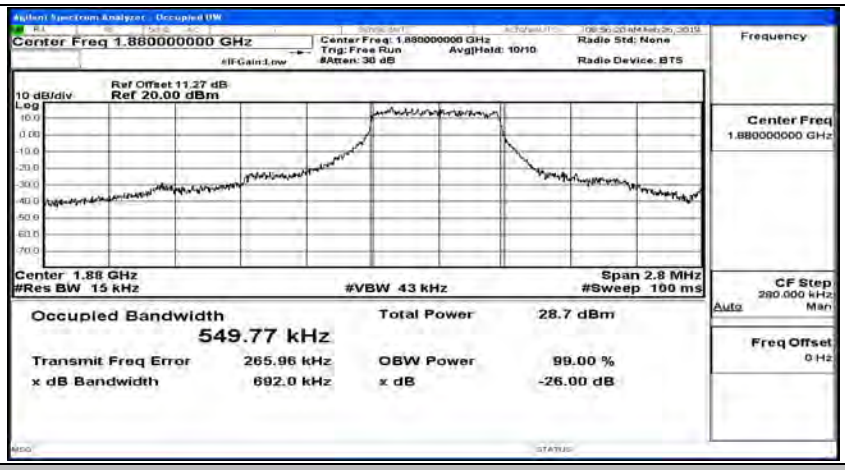

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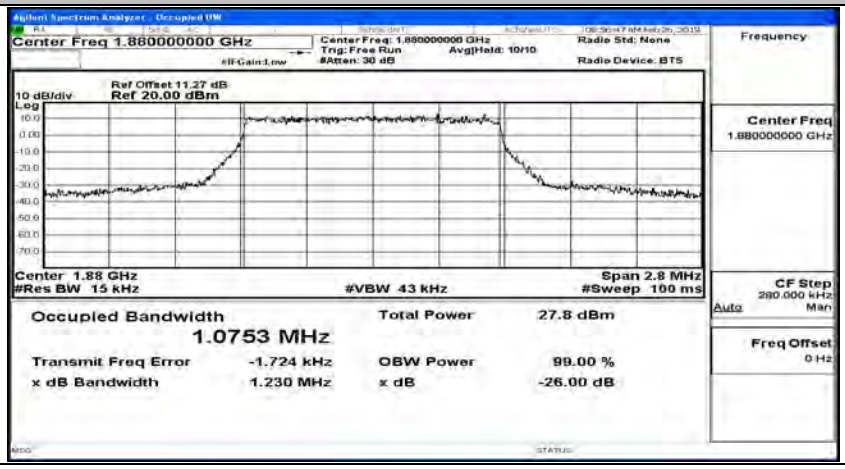
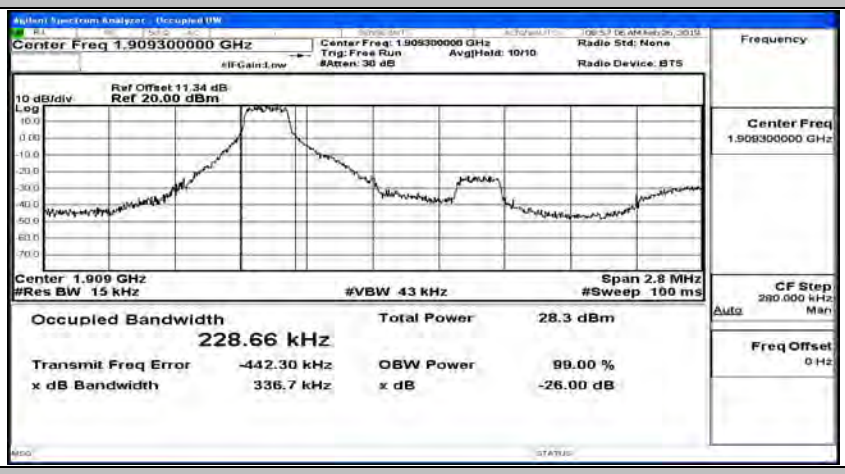


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



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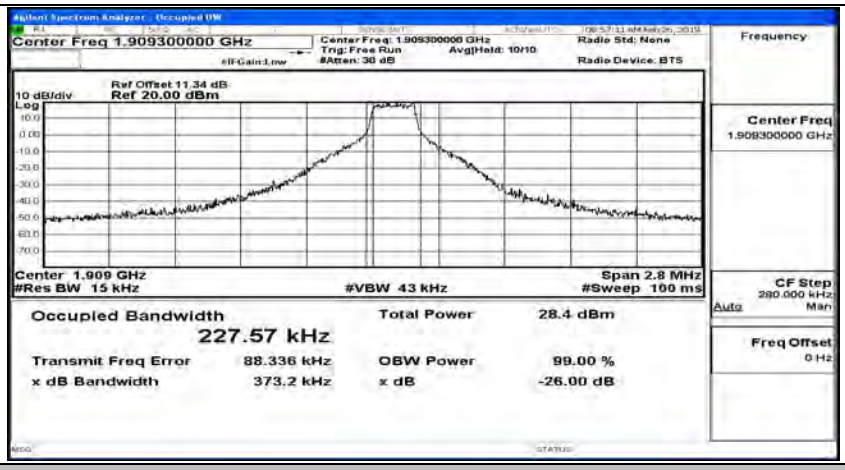

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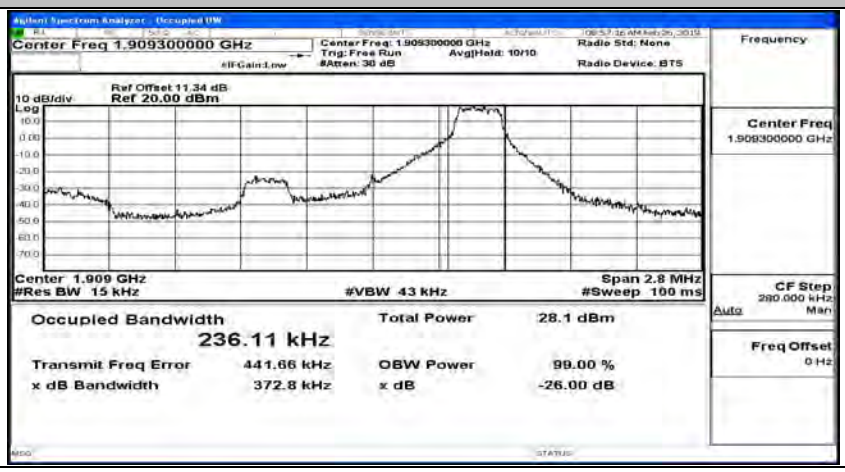
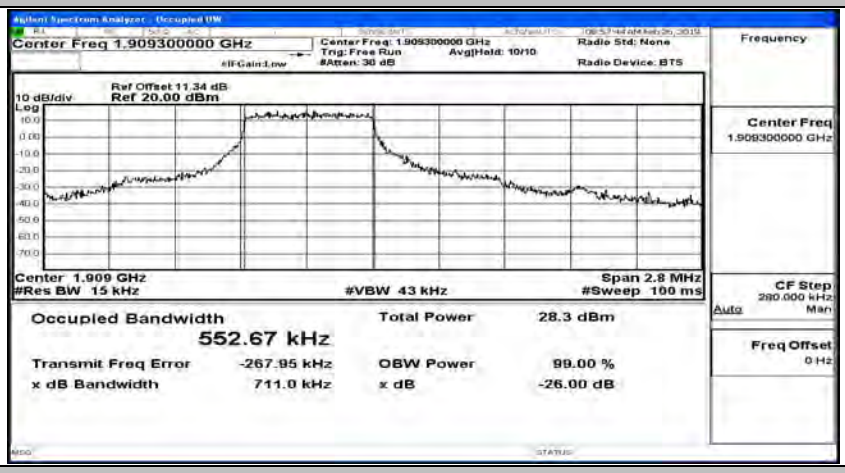
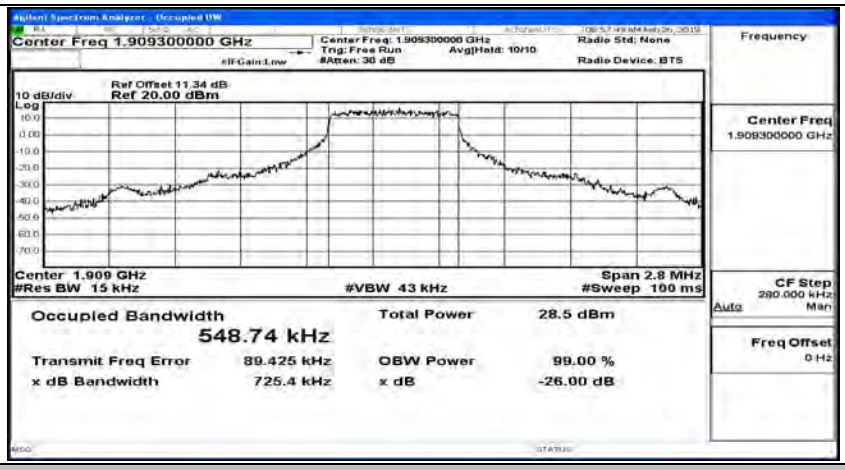


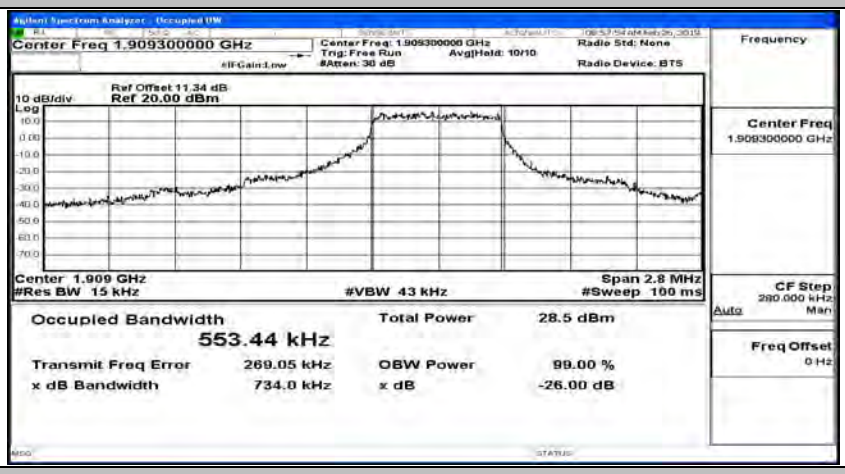
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



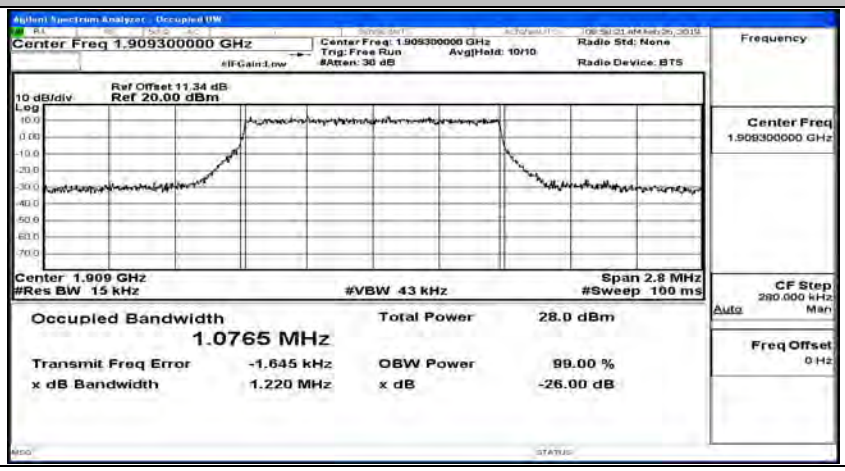
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



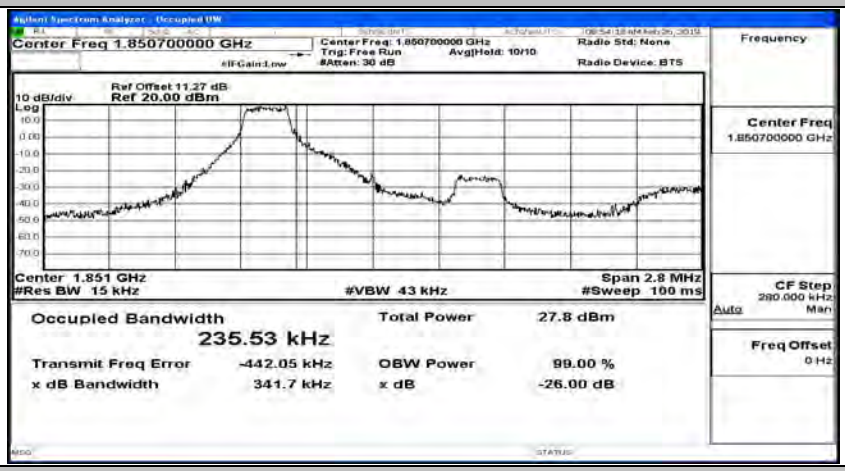
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



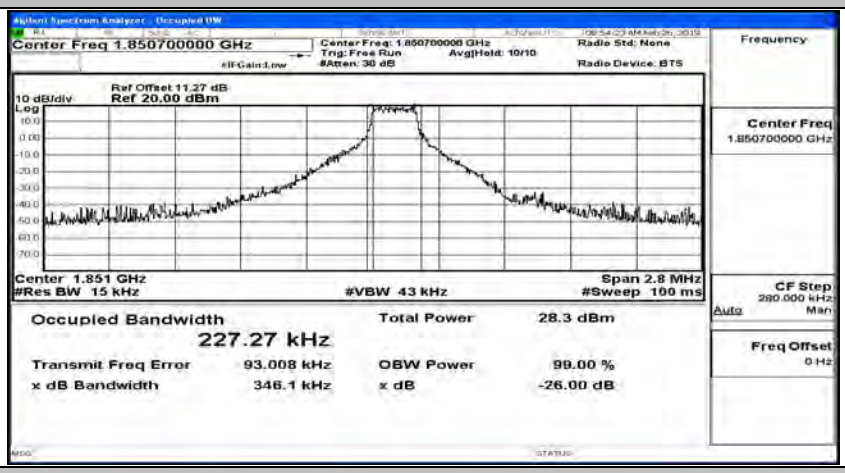
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



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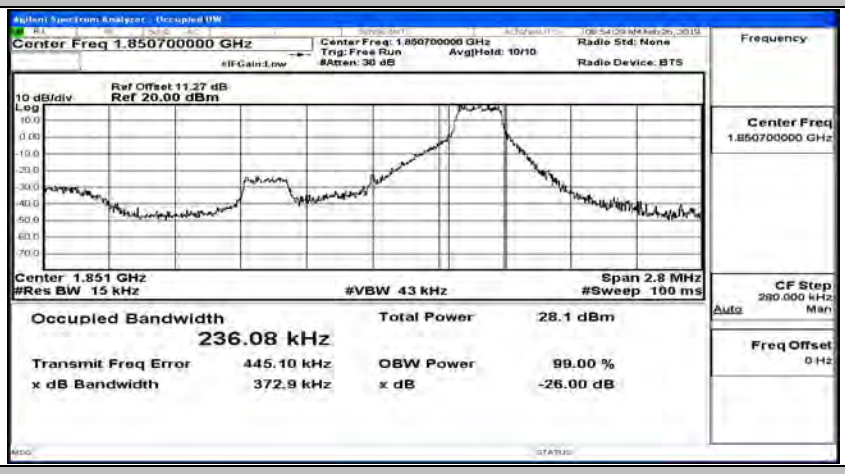
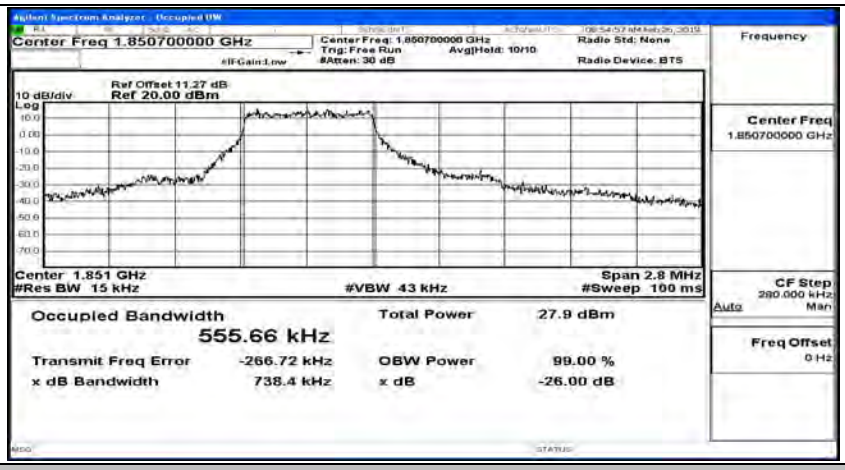


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



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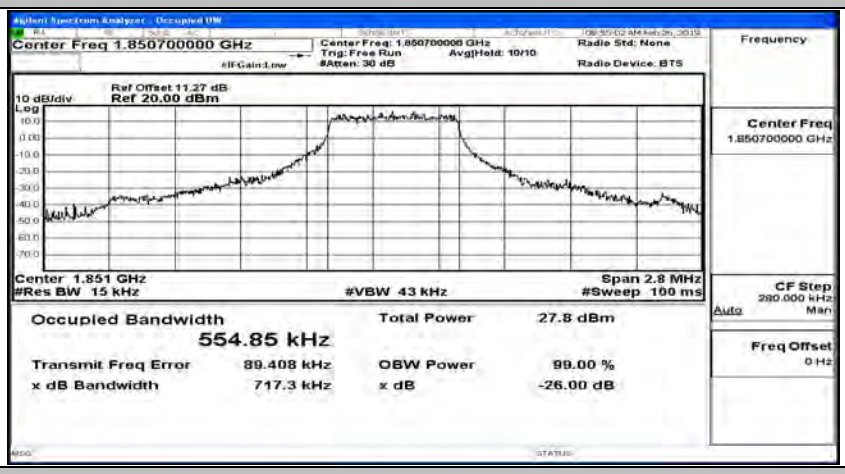
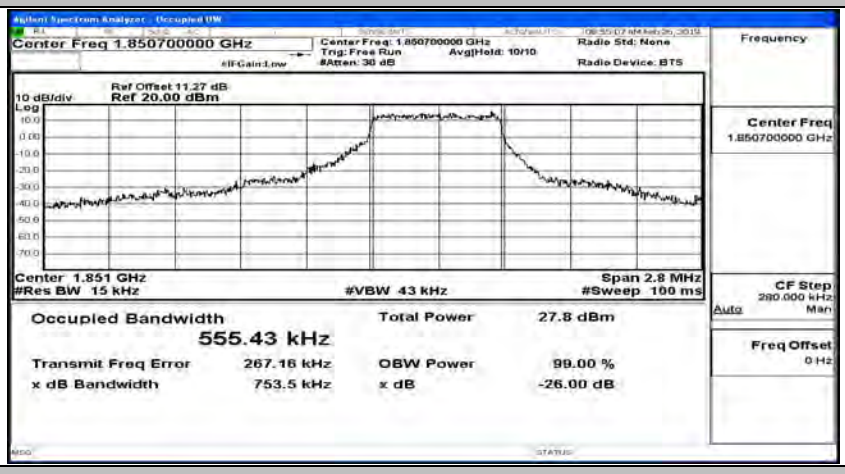


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



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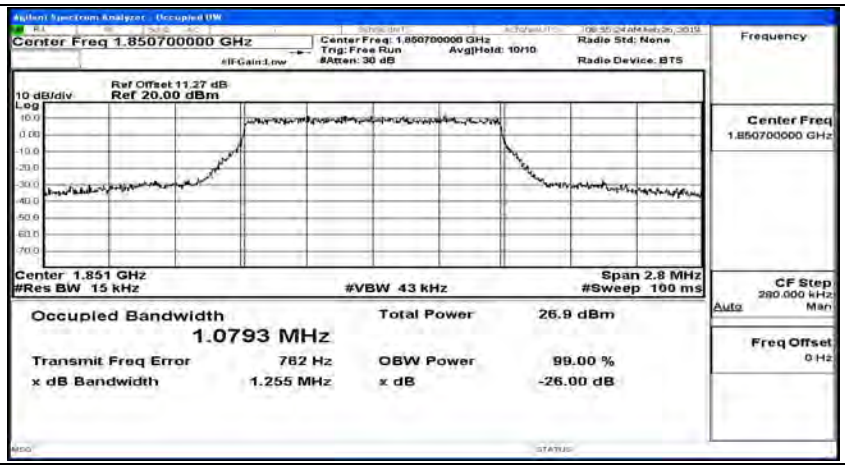

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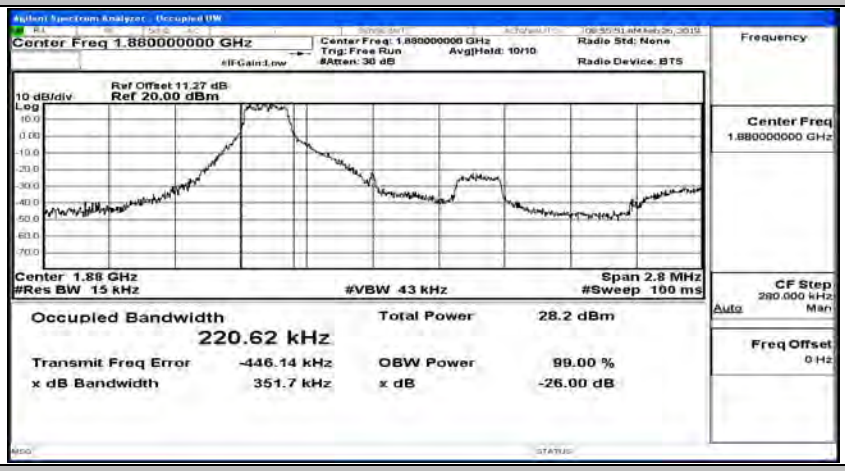
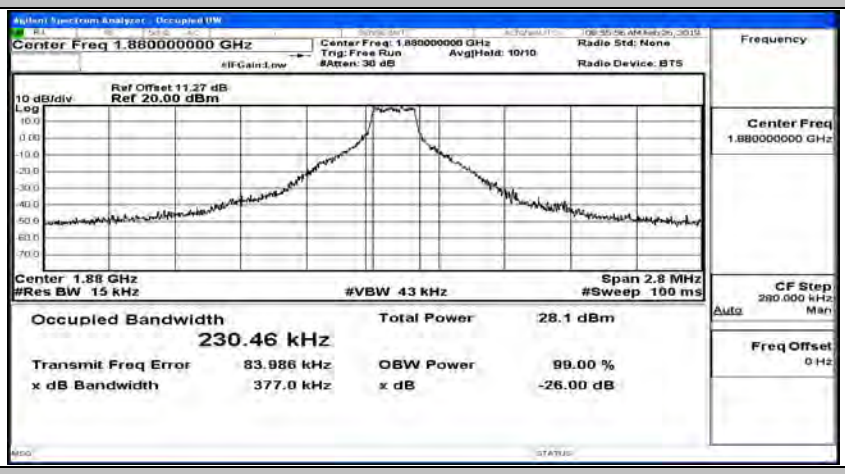


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



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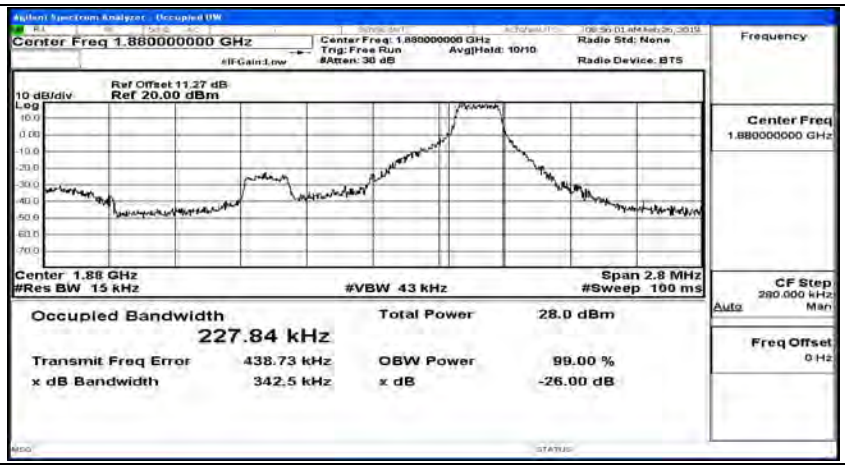
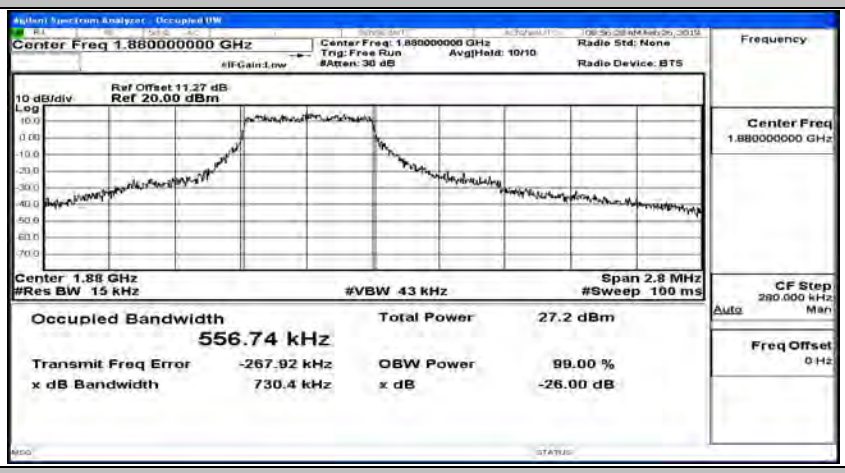
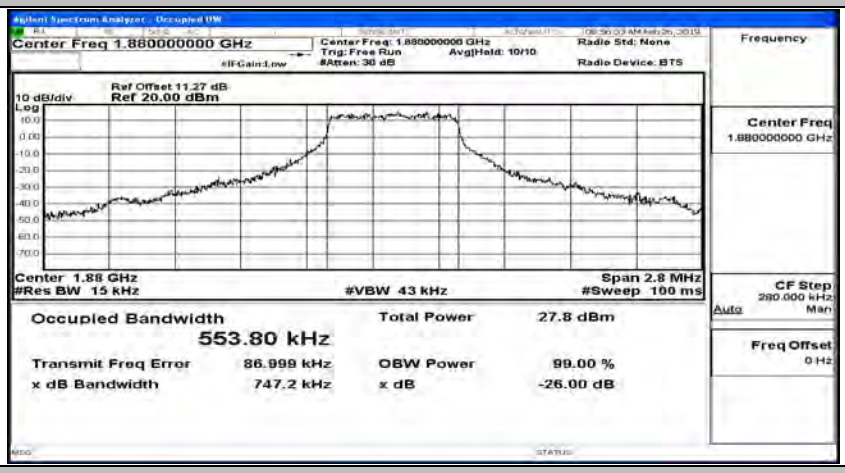


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



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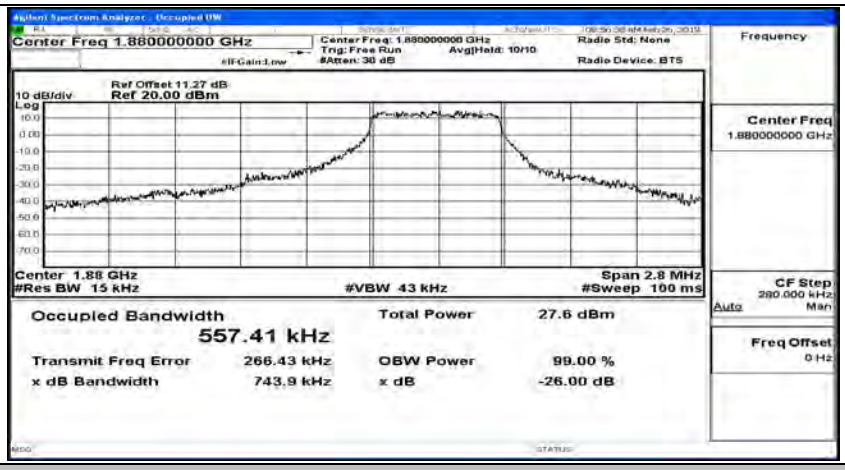

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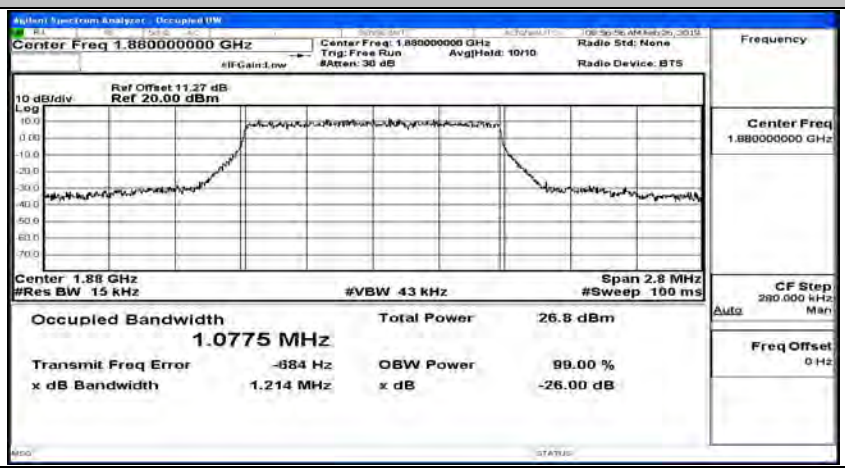

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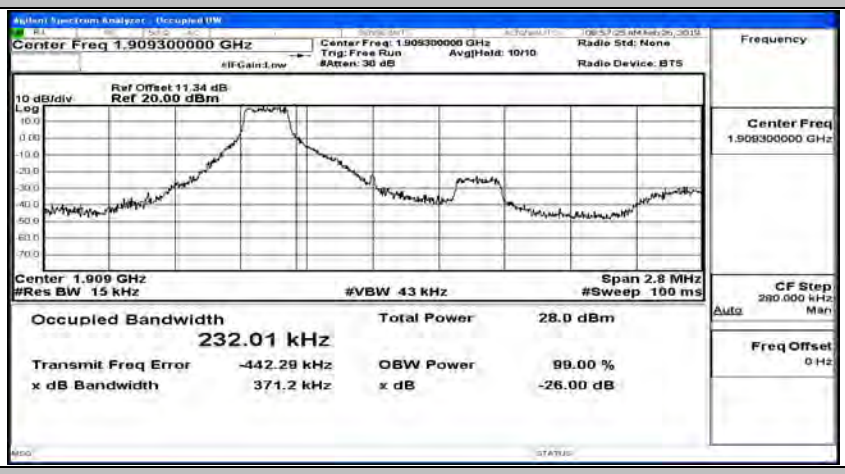

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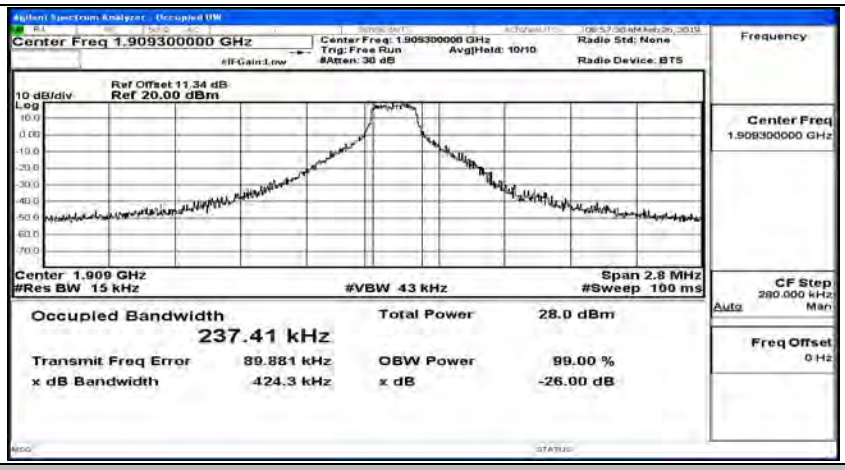
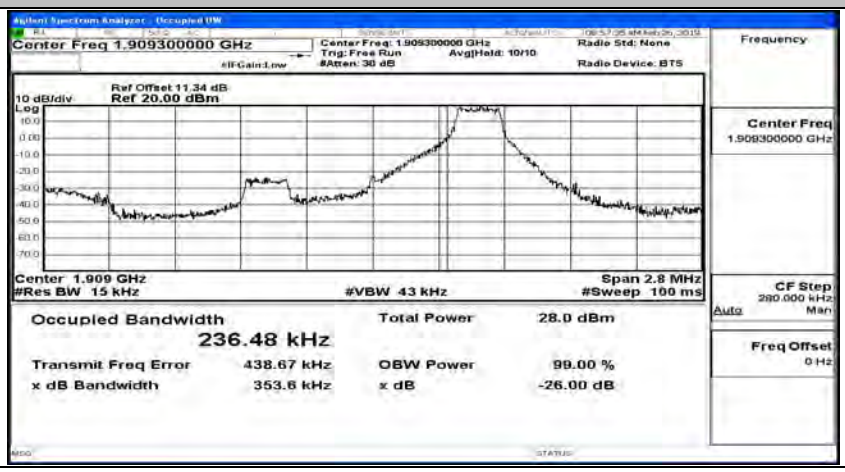


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



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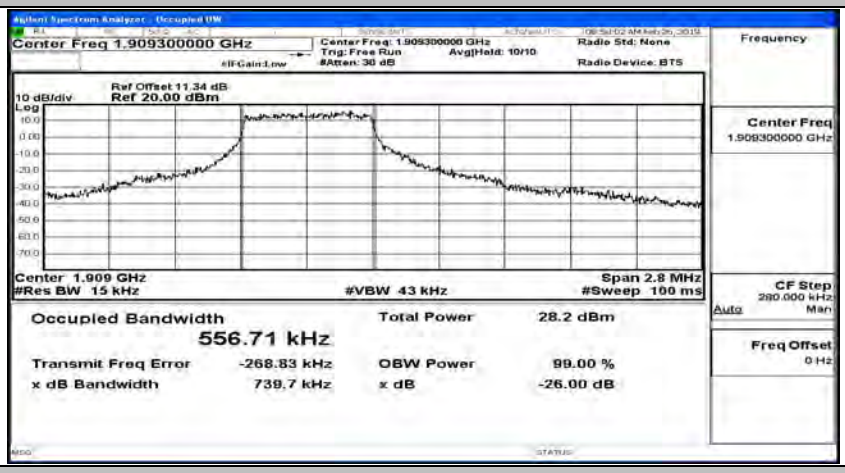
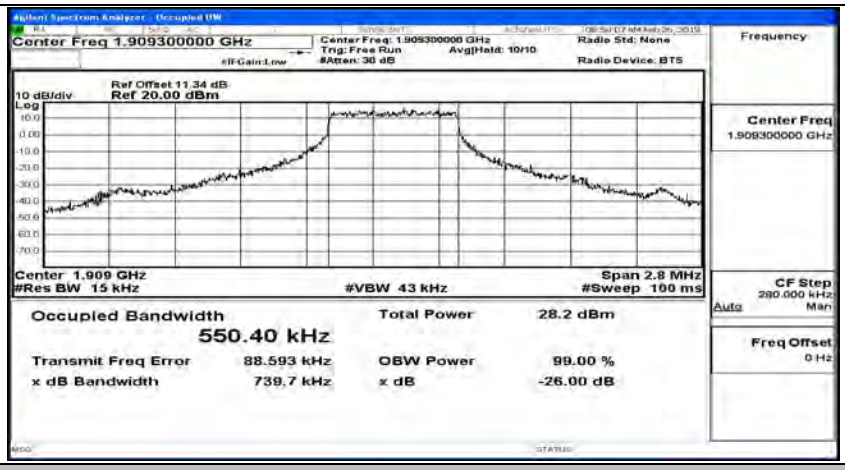


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



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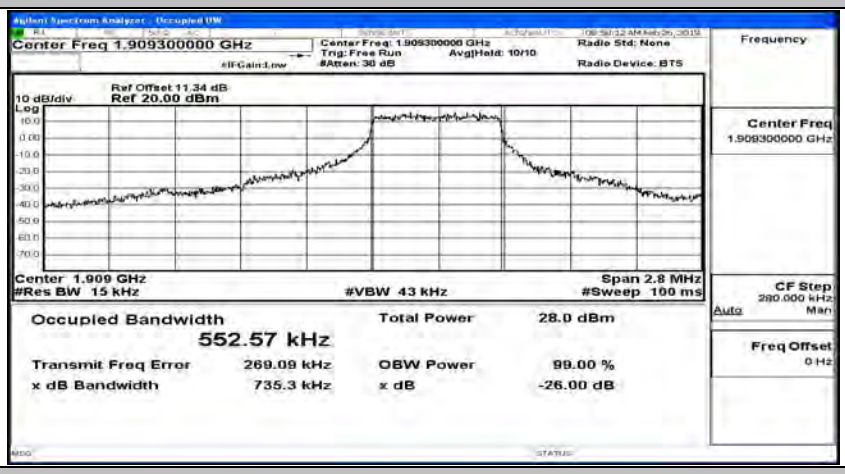
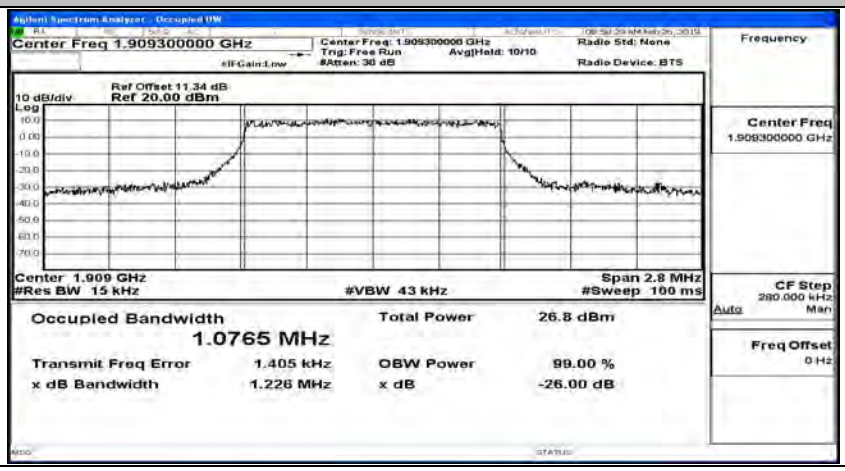
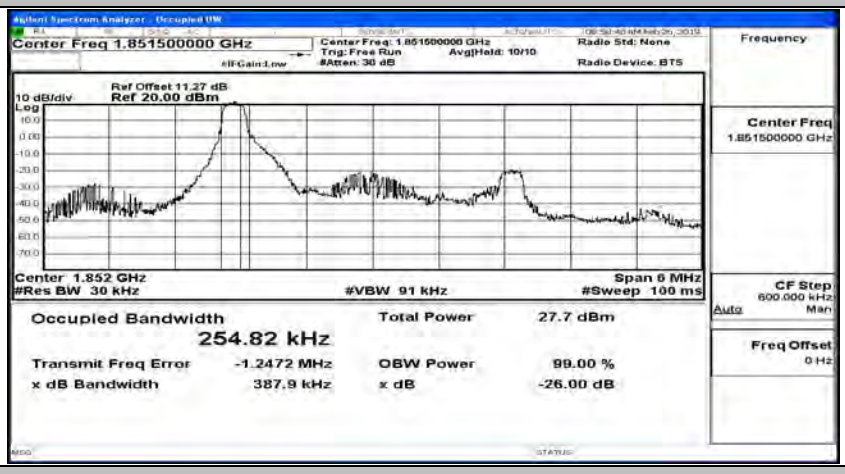


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

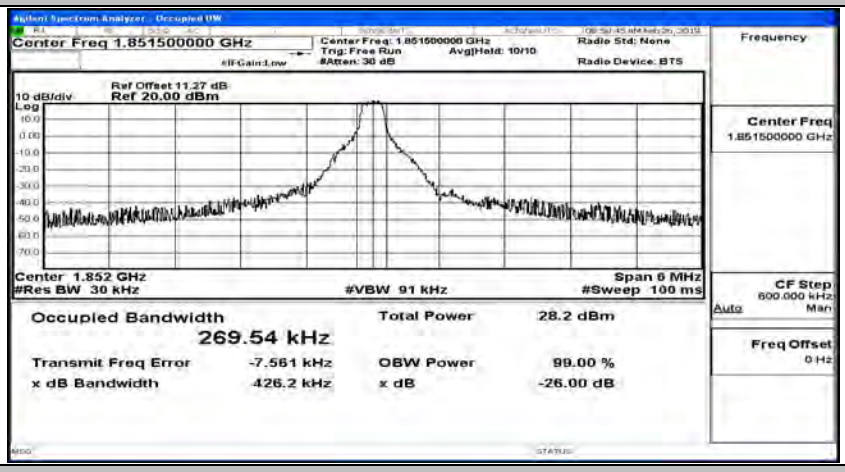


Channel Bandwidth: 3 MHz

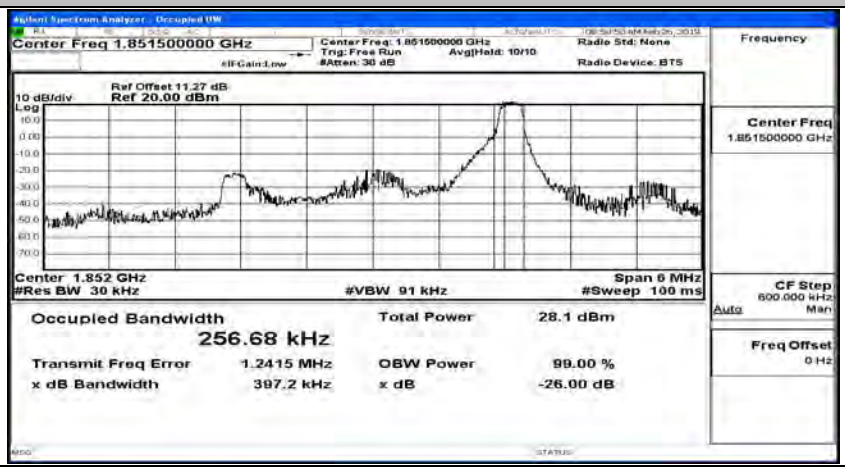
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



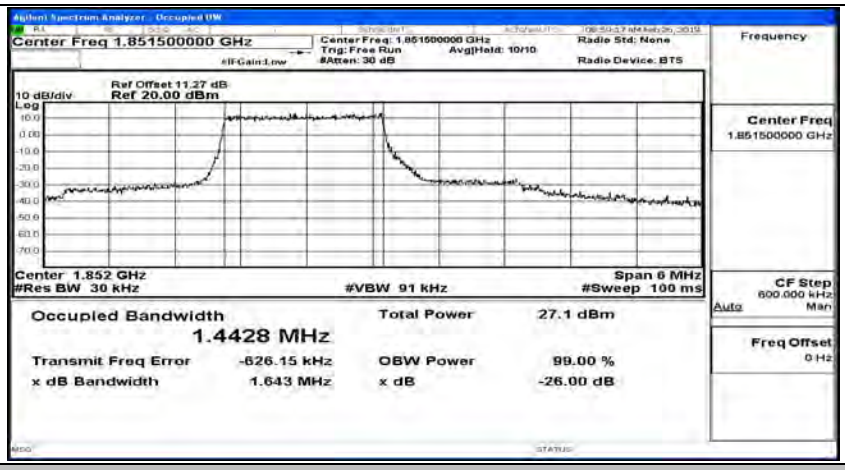
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



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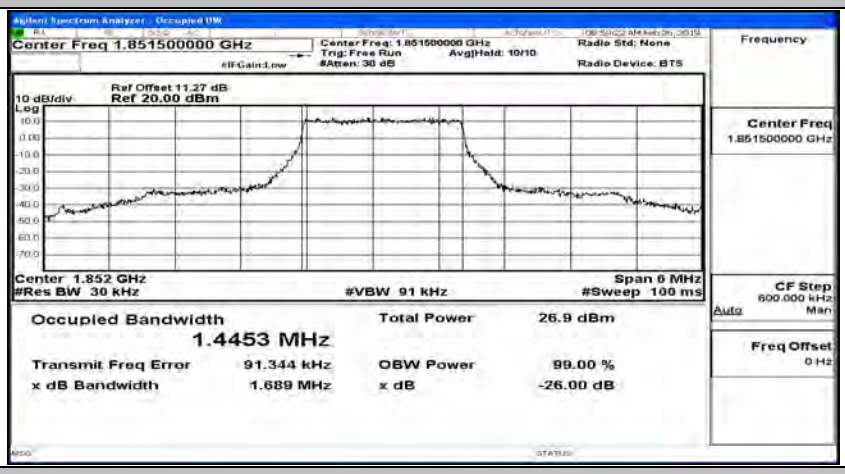
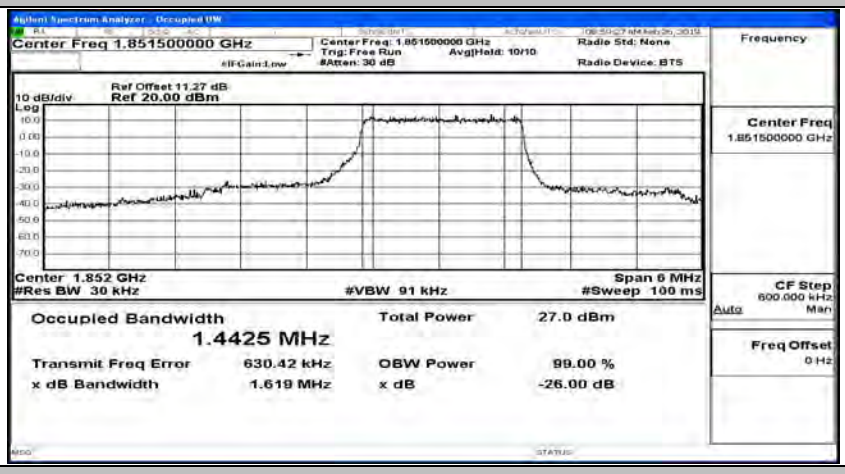
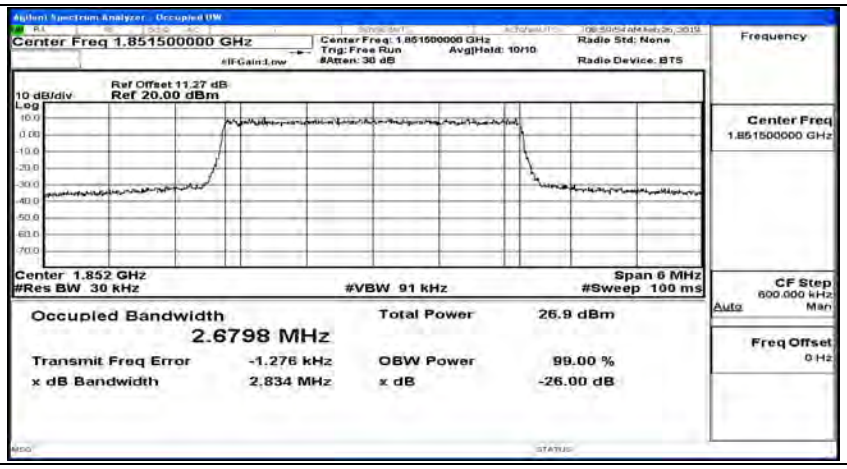


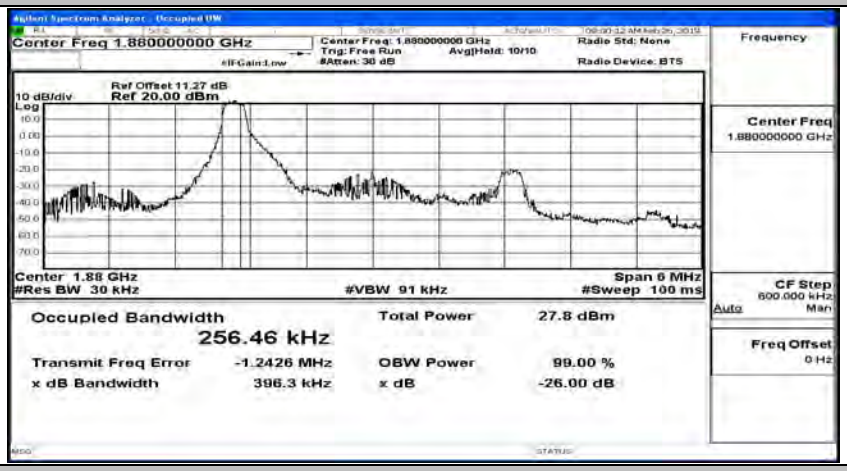
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



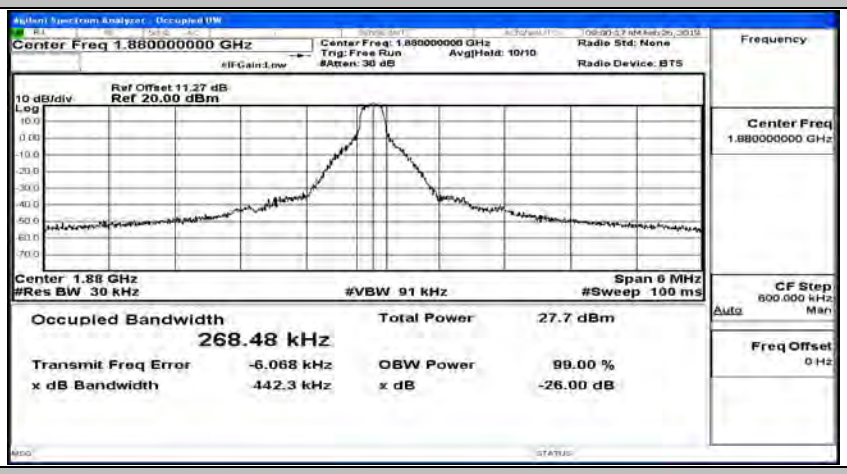
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



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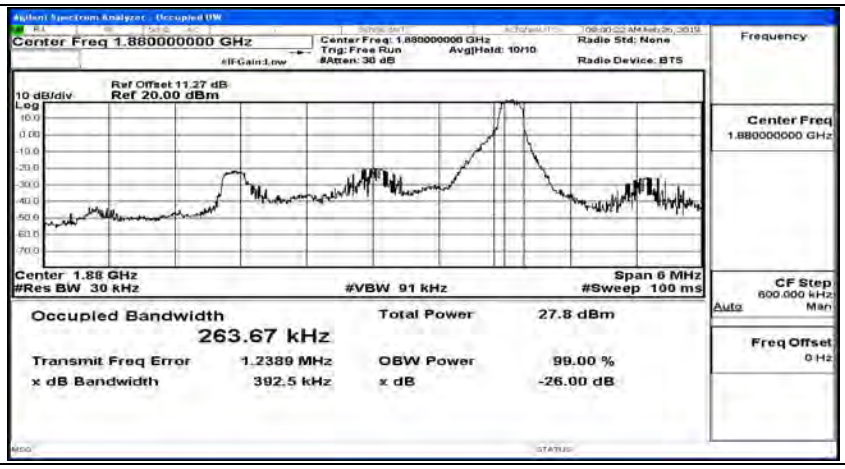
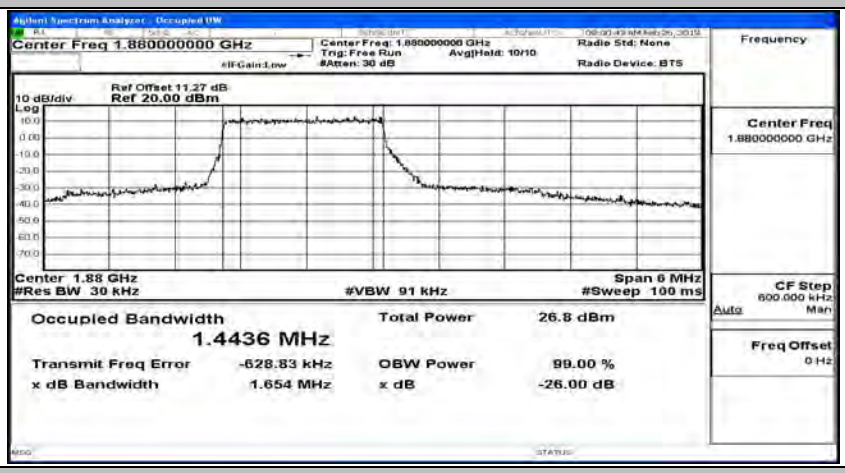
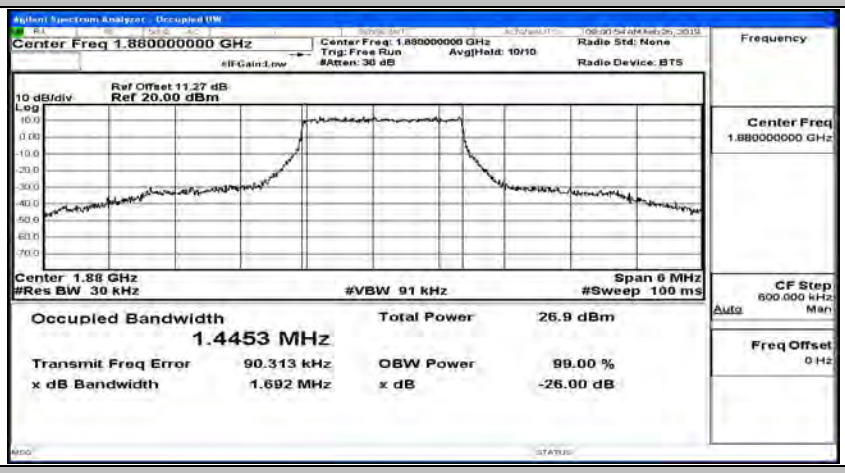


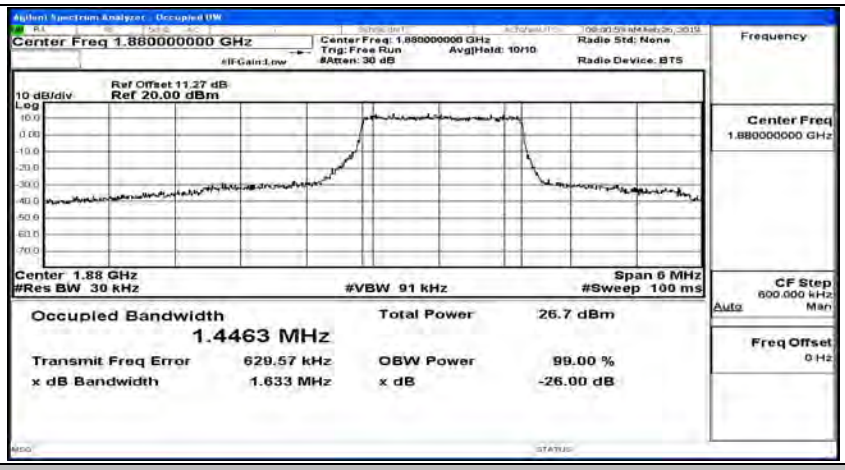
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



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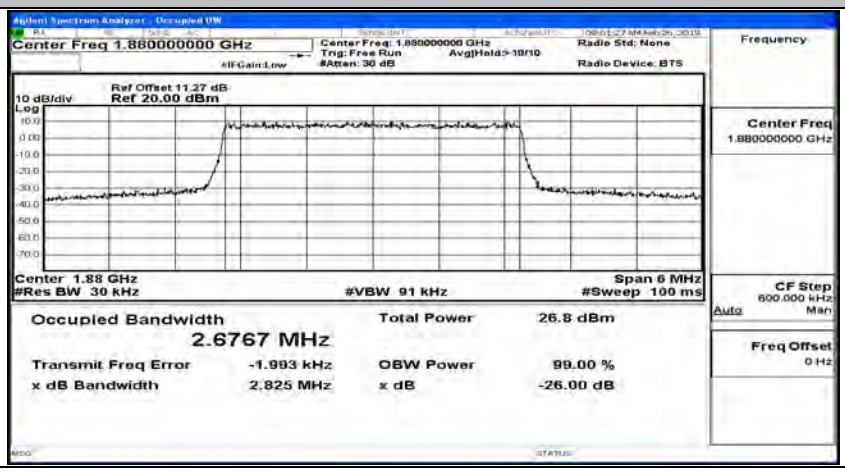

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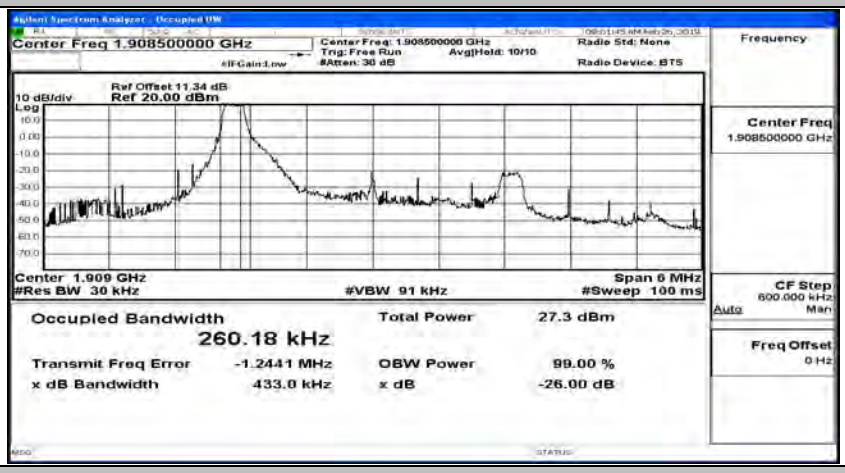
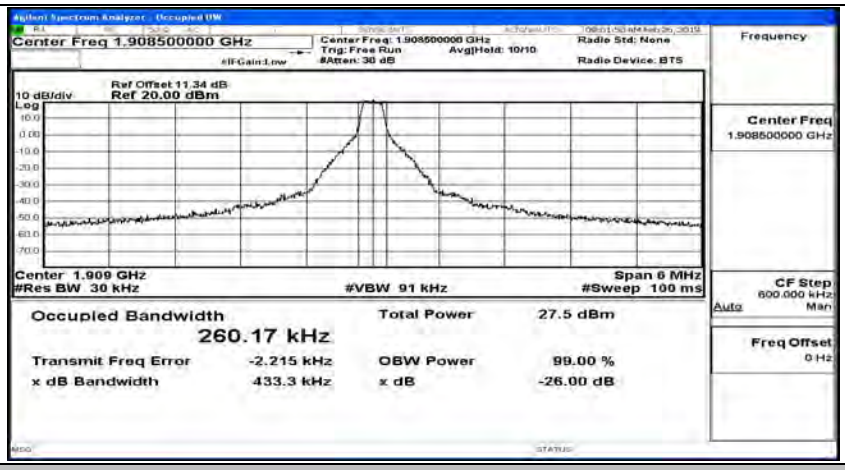
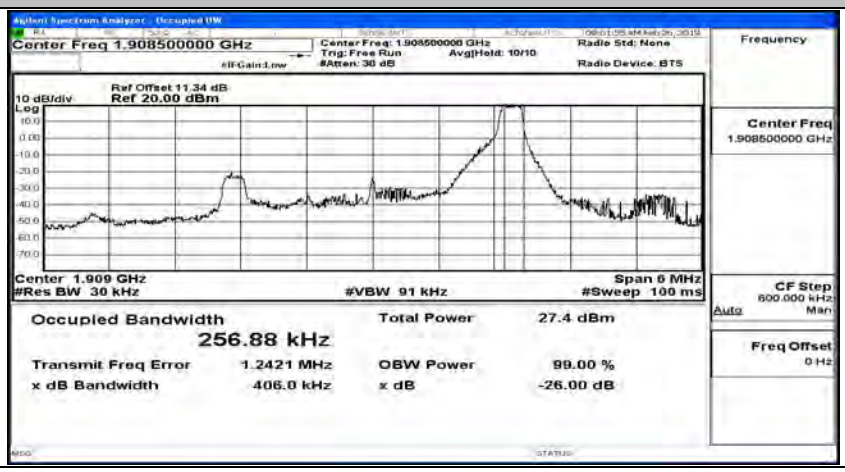


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



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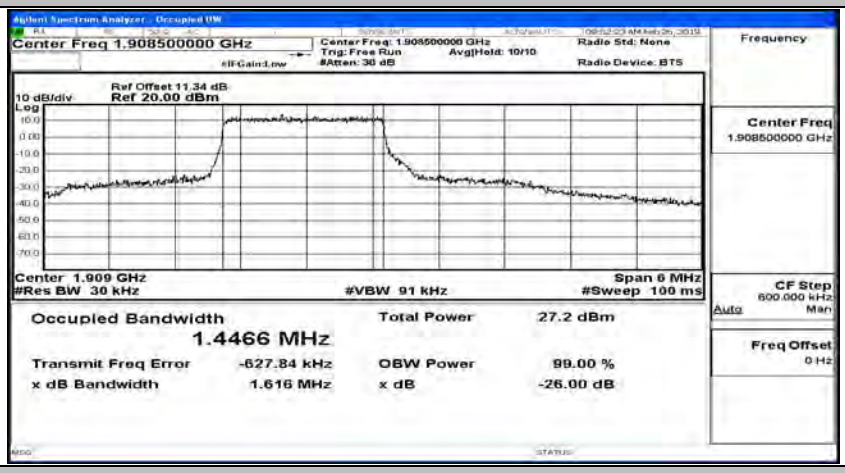

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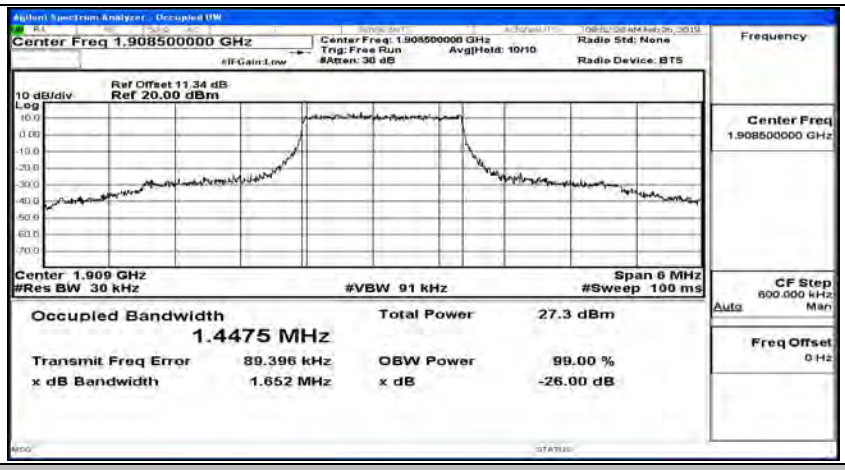
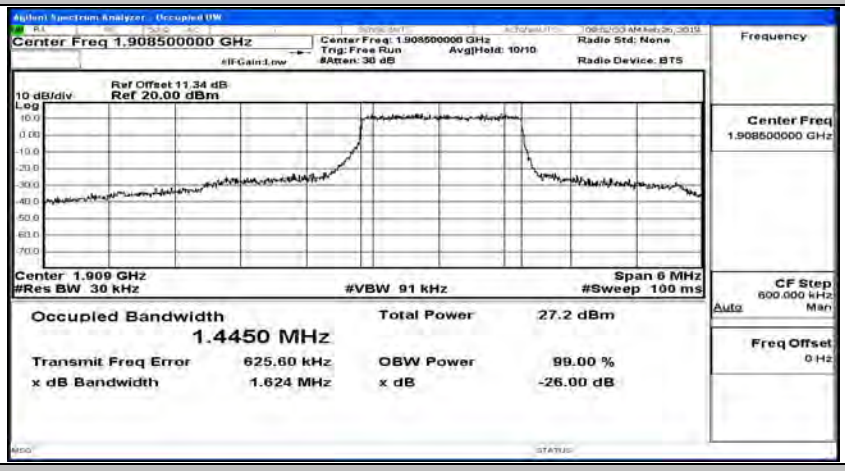


(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



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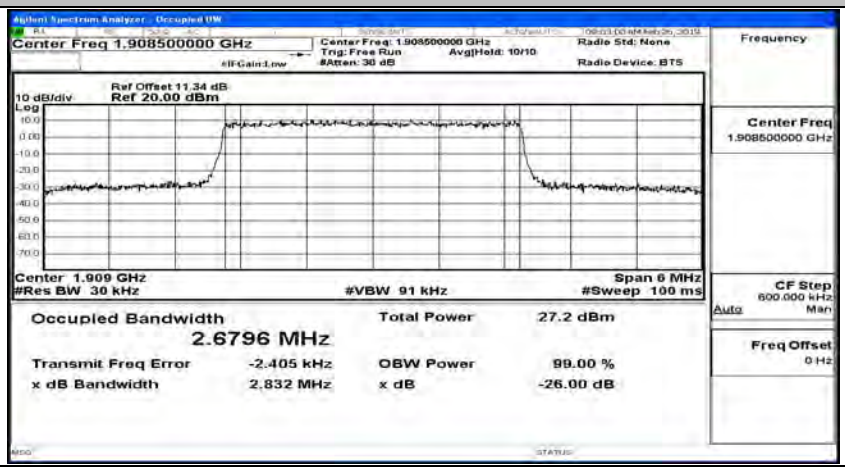
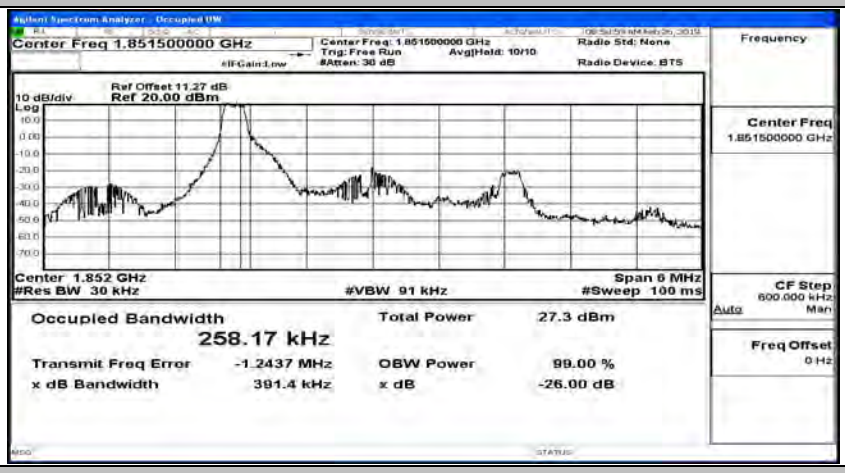


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



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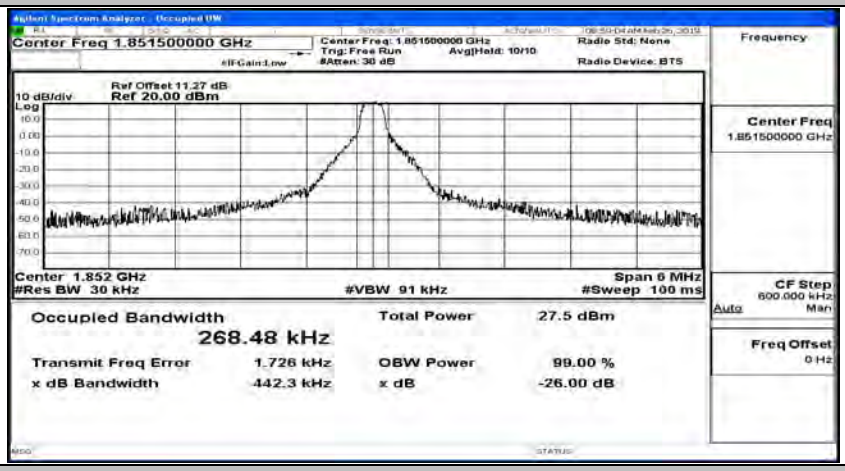
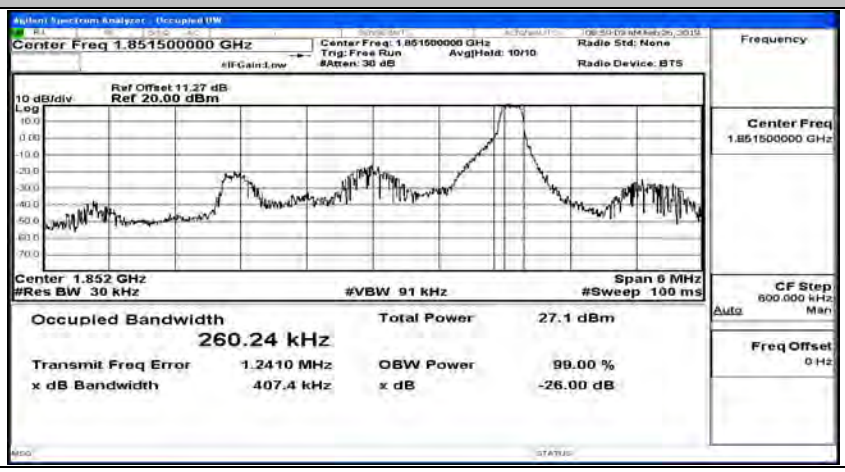
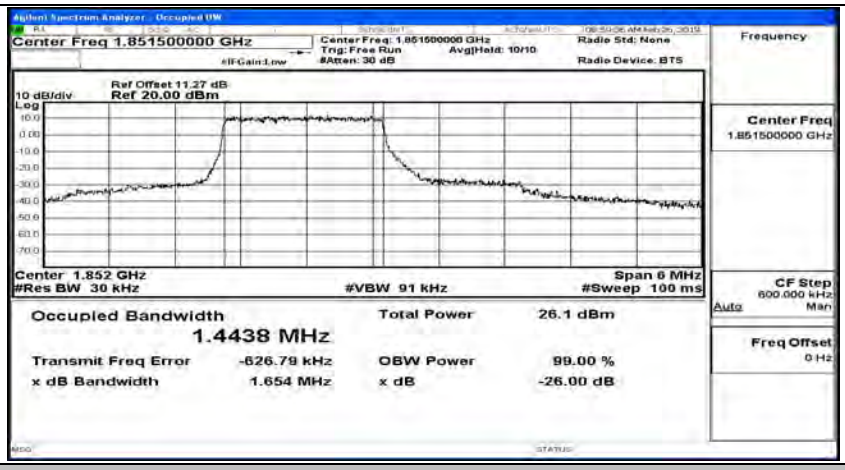


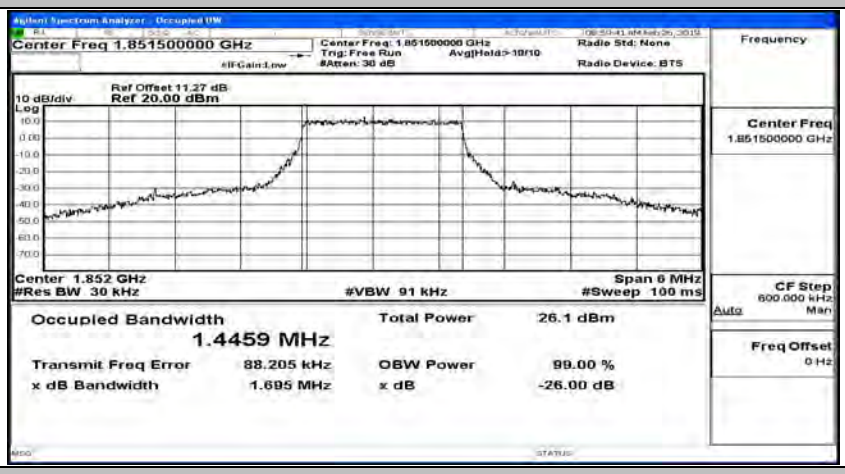
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



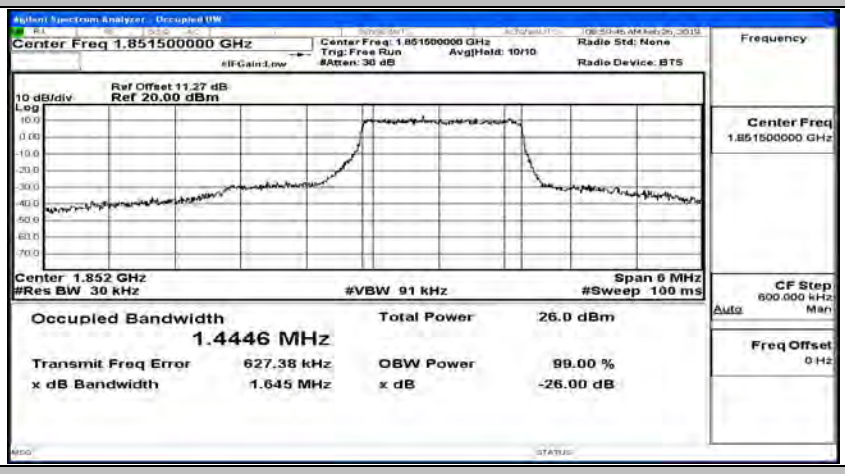
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



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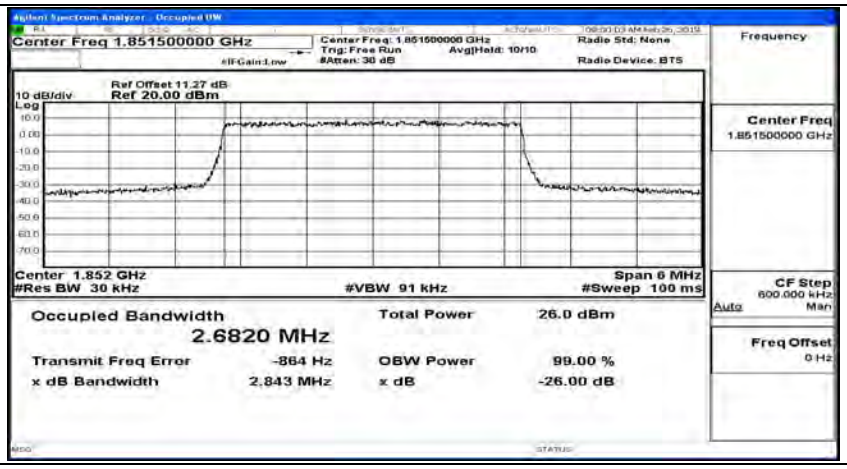
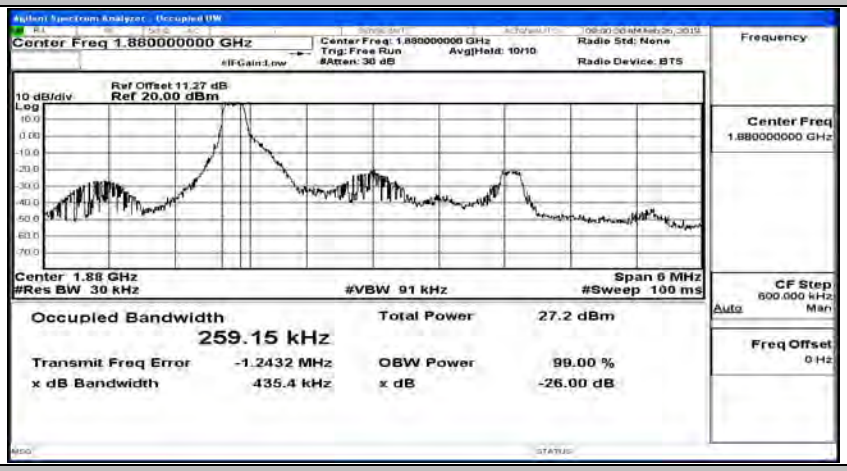
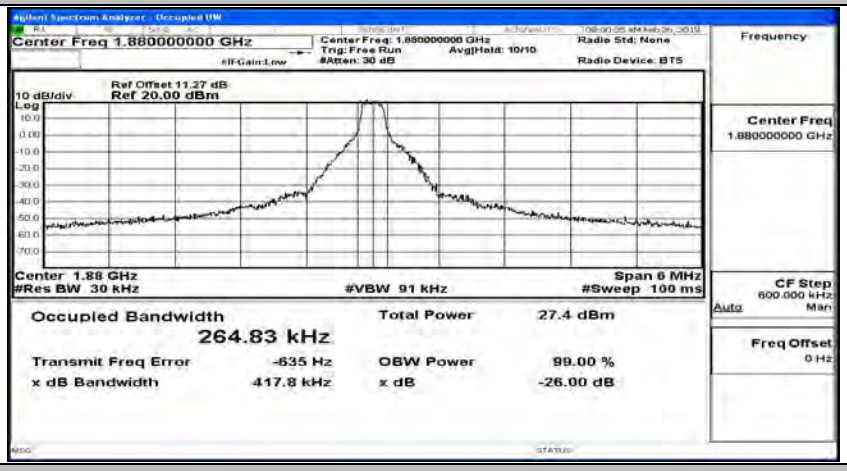


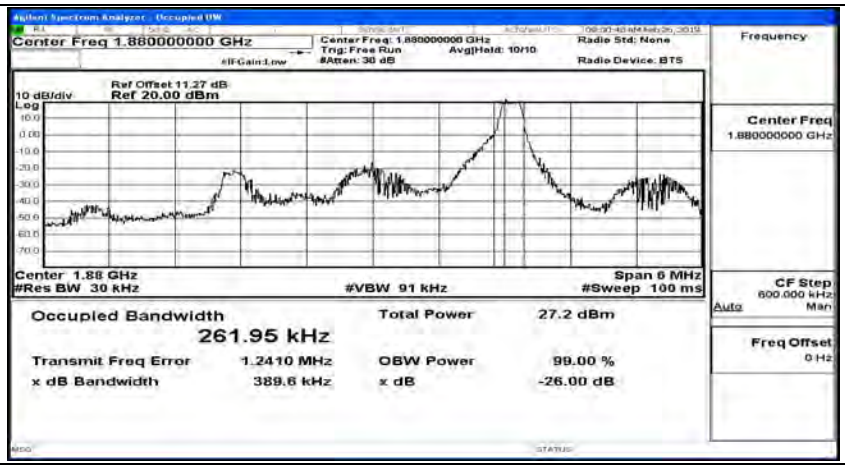
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



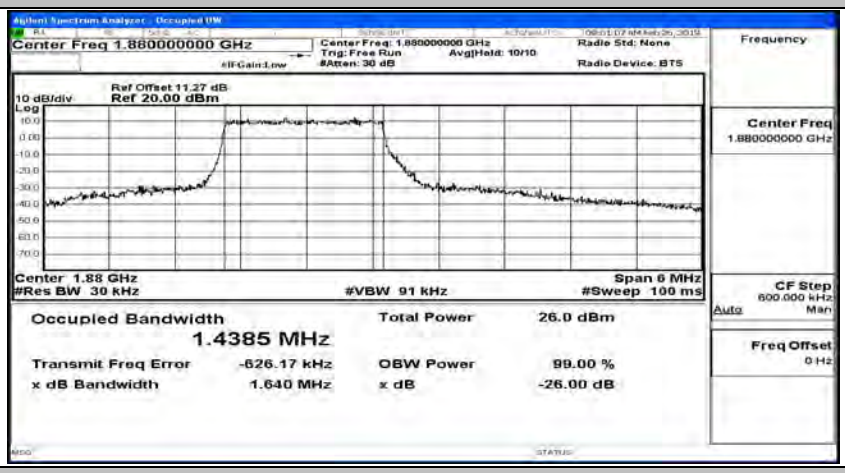
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



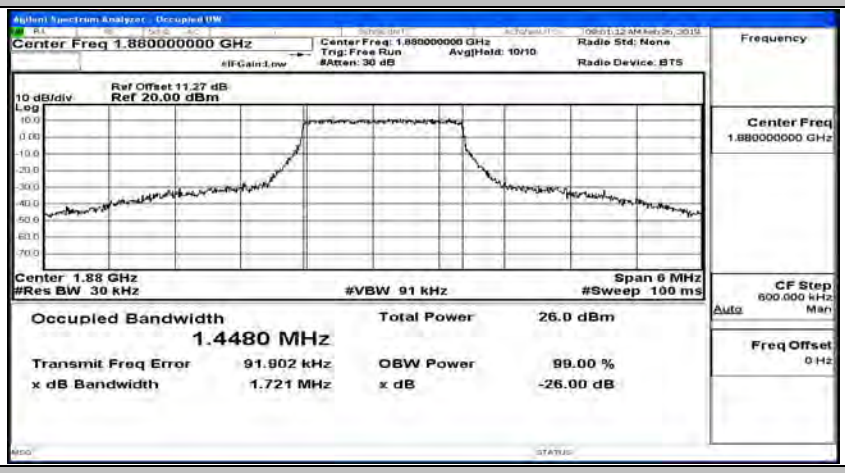
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



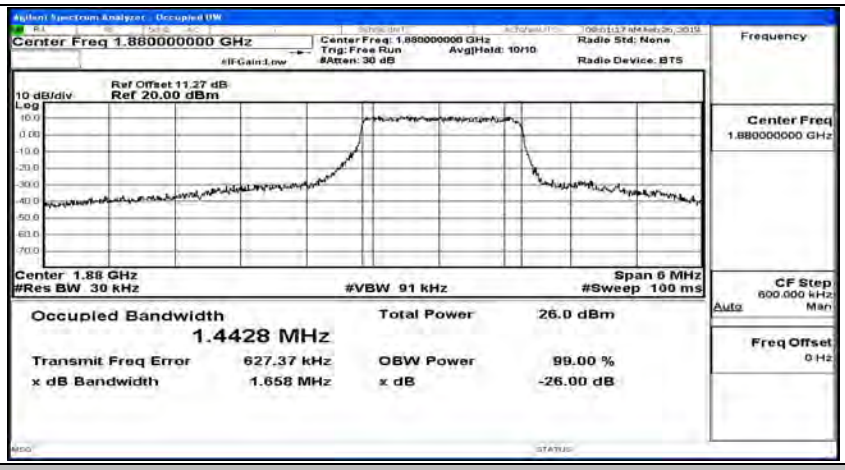
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



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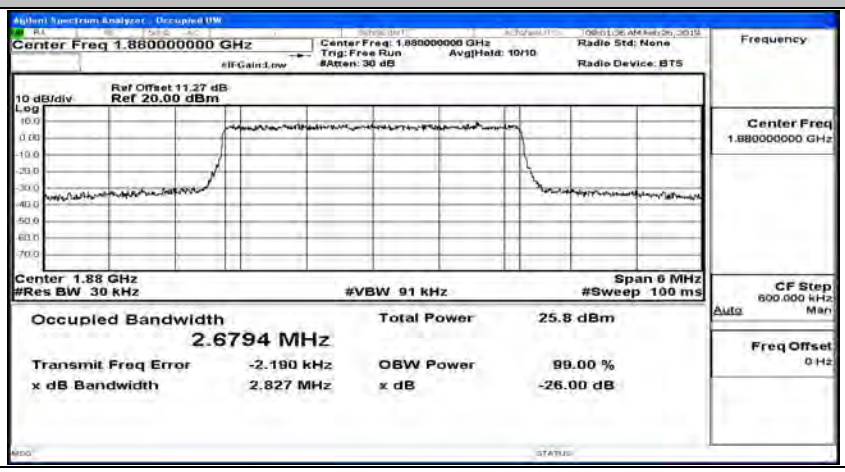

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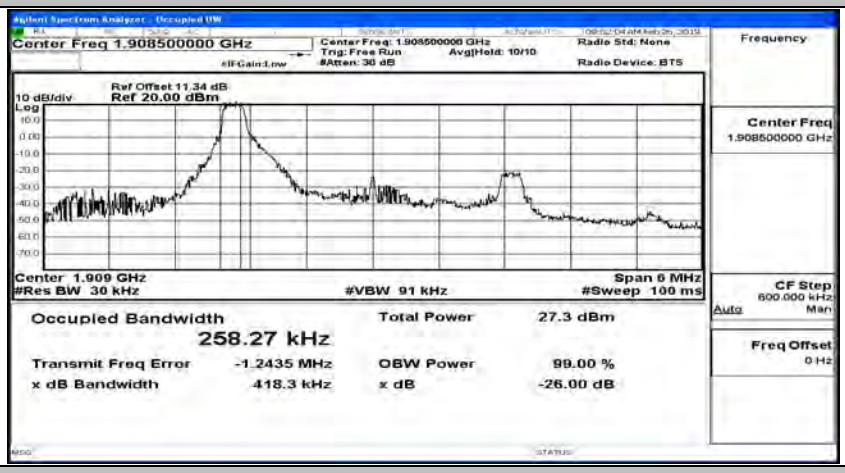
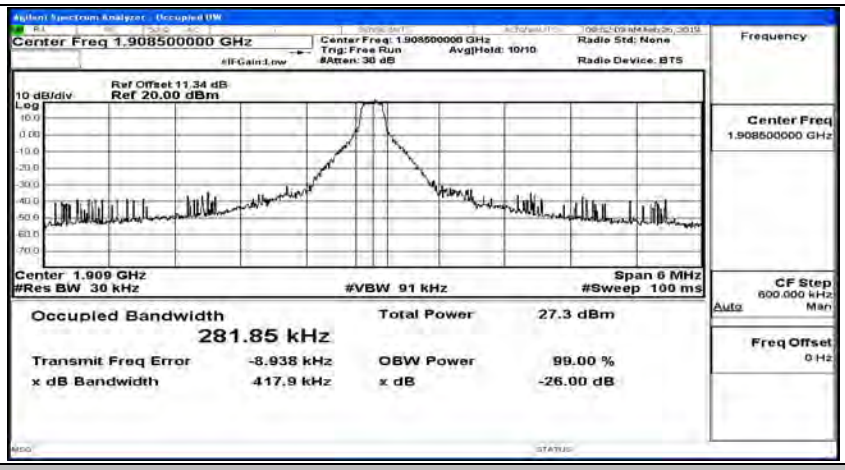
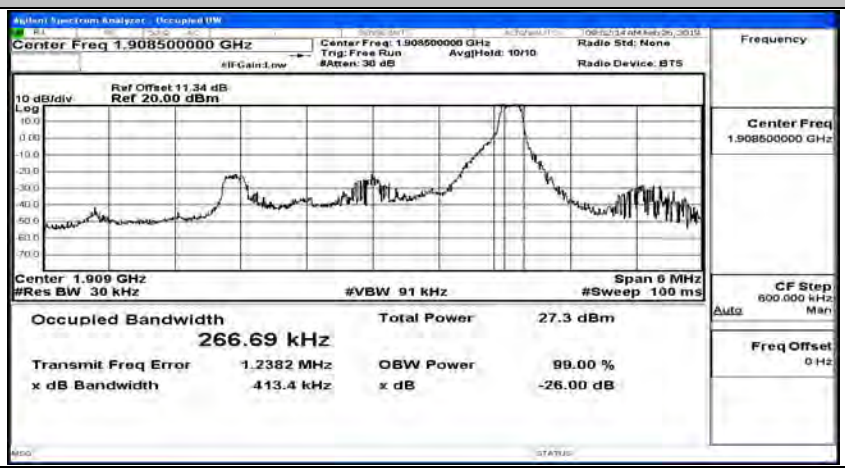


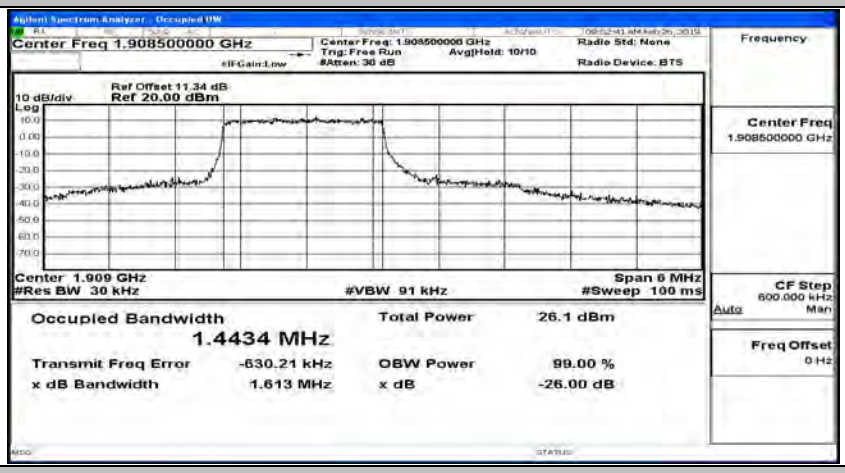
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



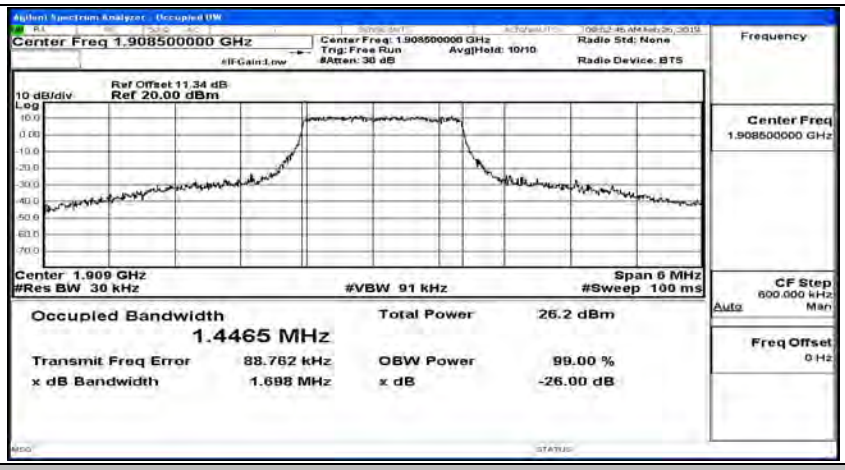
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



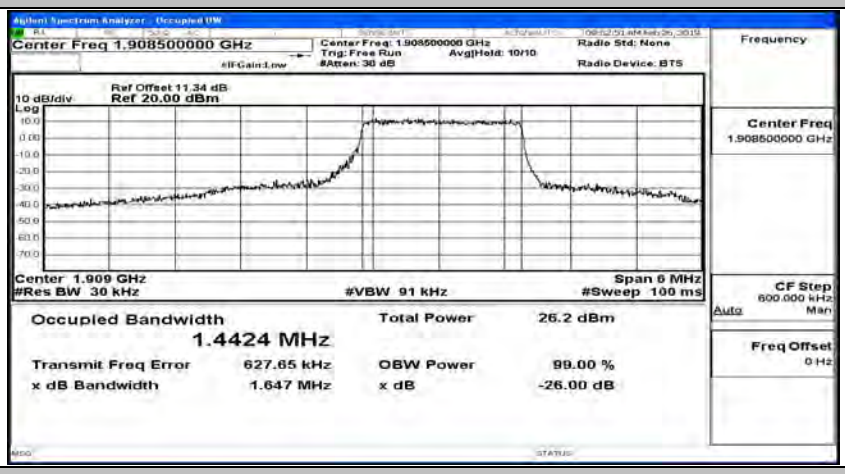
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7



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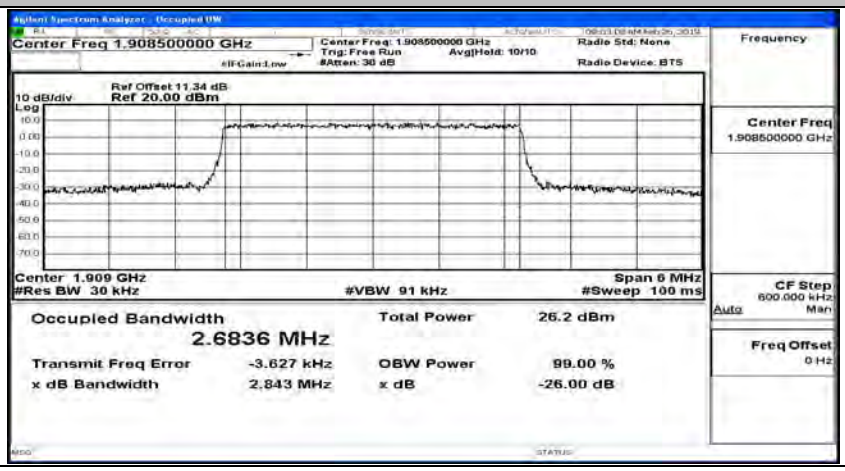
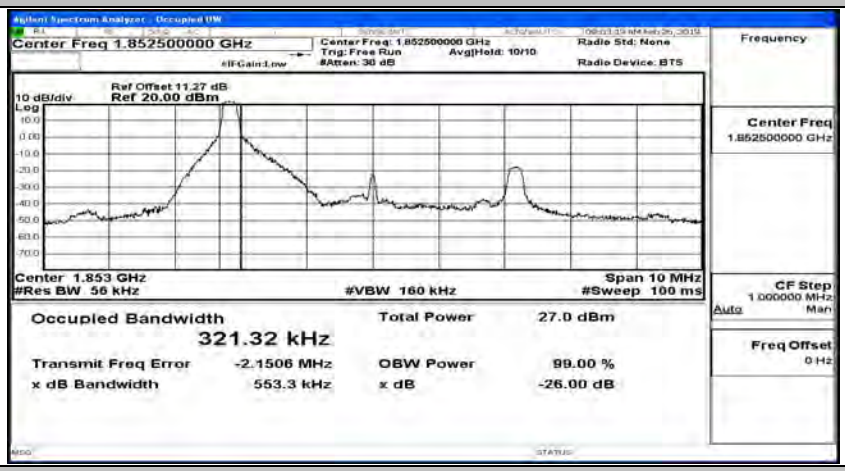
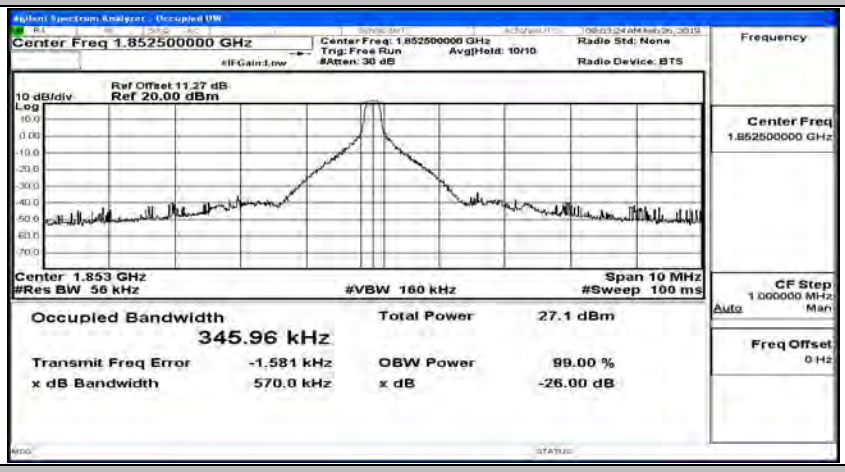


Channel Bandwidth: 5 MHz

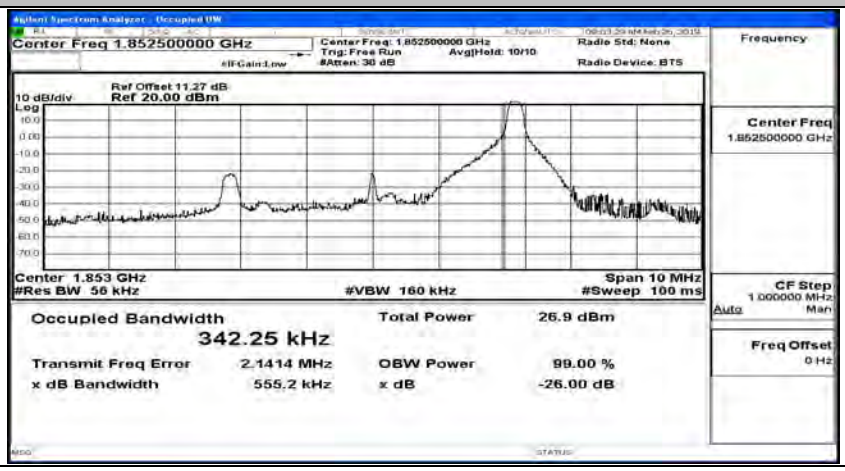
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



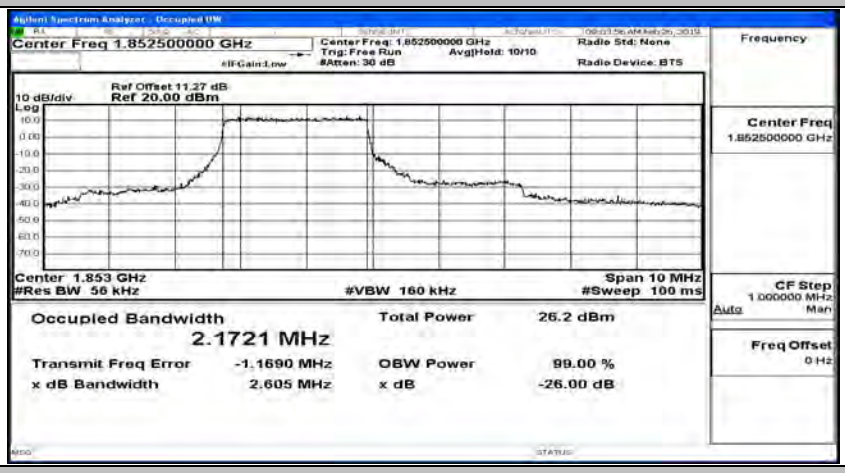
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24

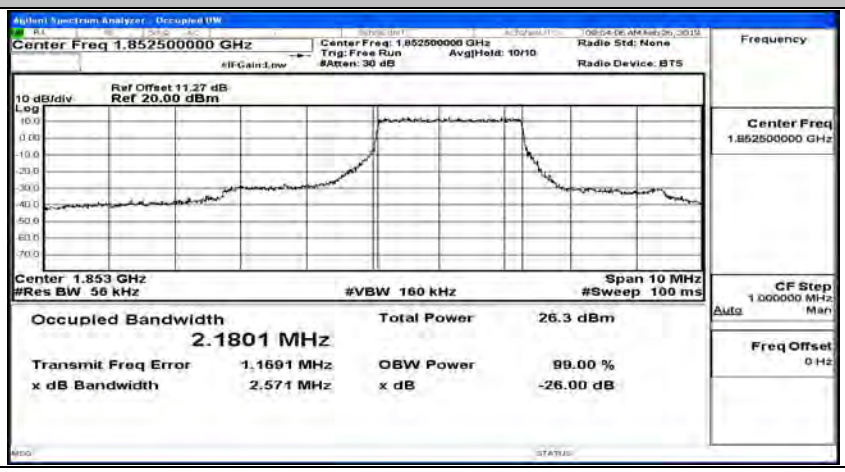


(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0

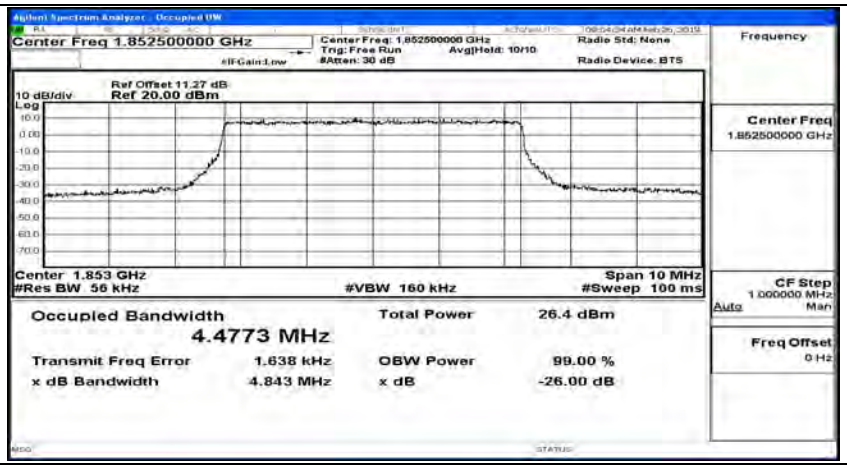


(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6

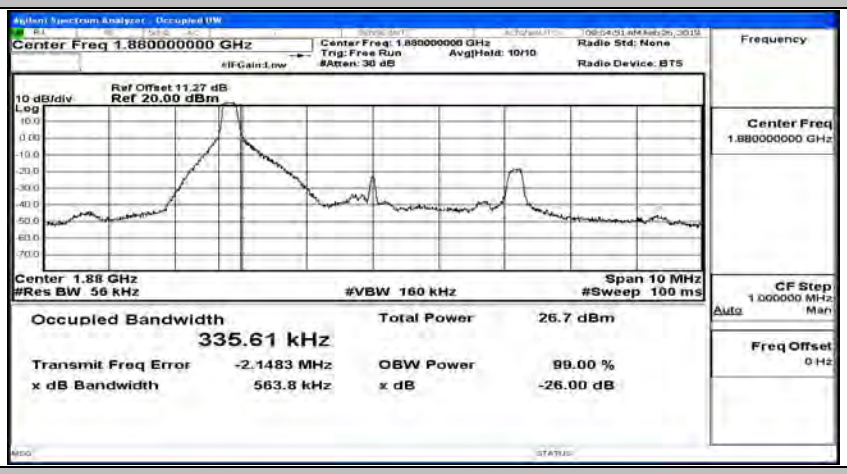
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



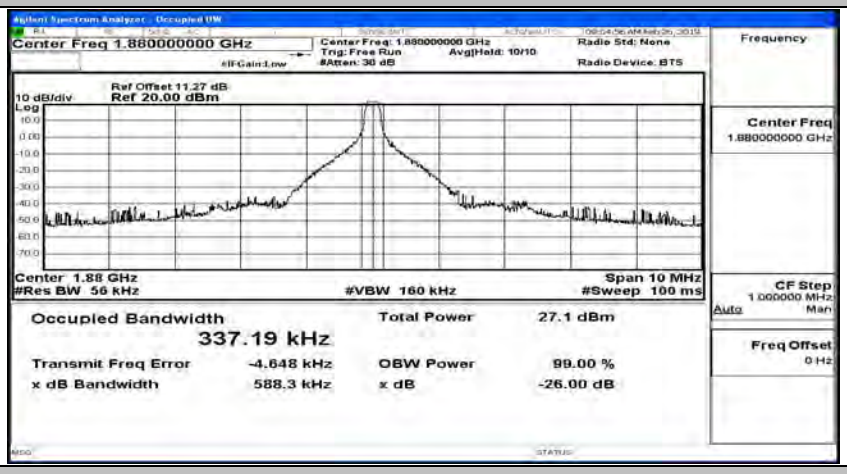
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



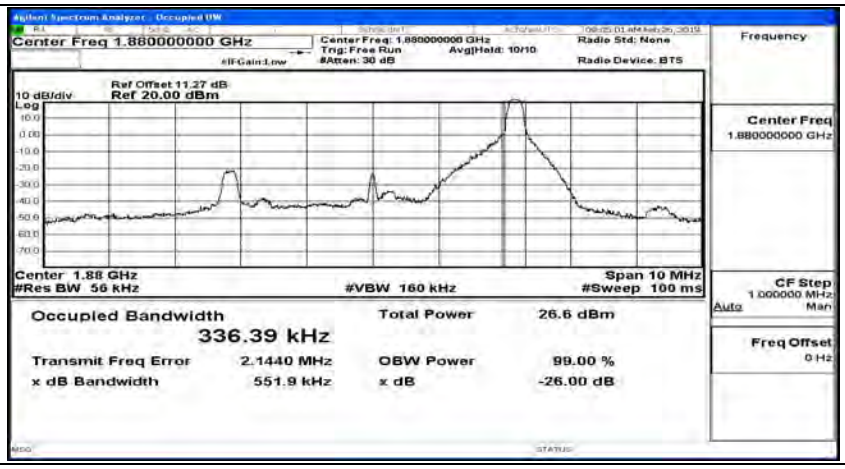
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



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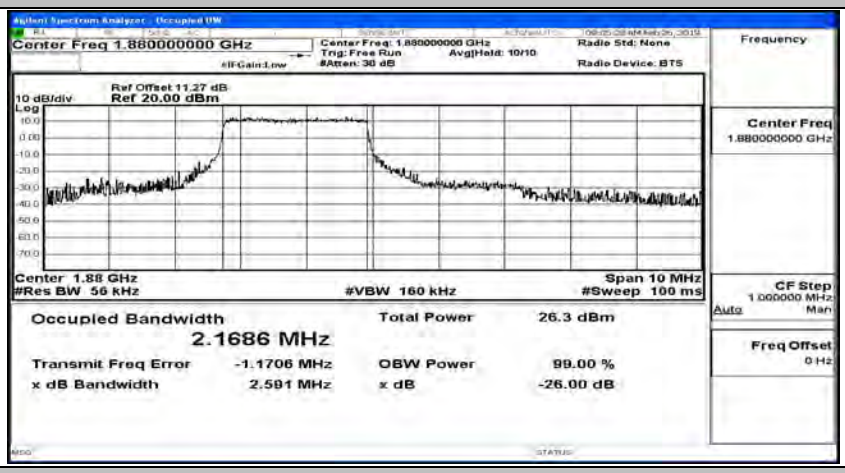
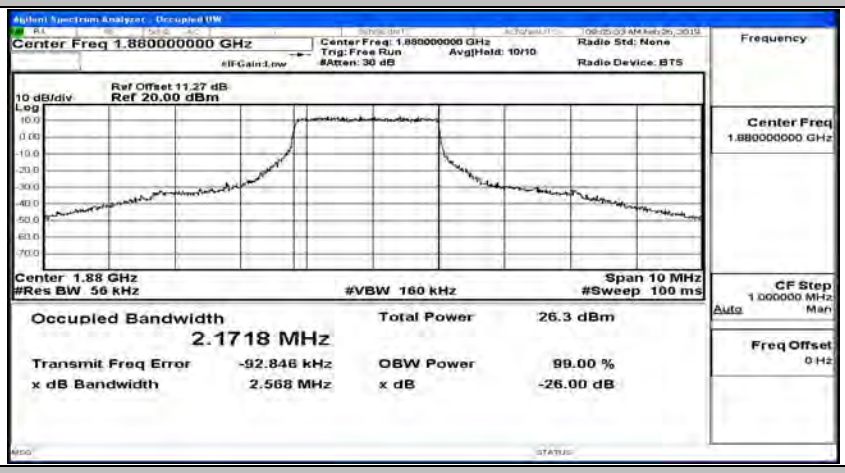
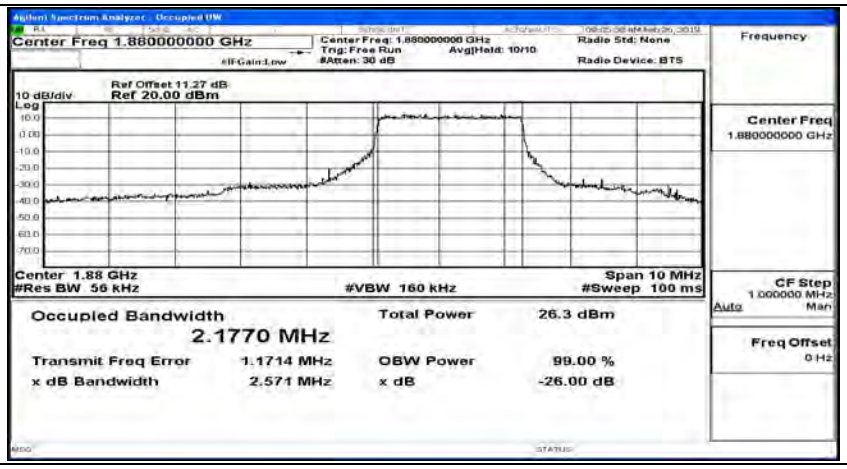


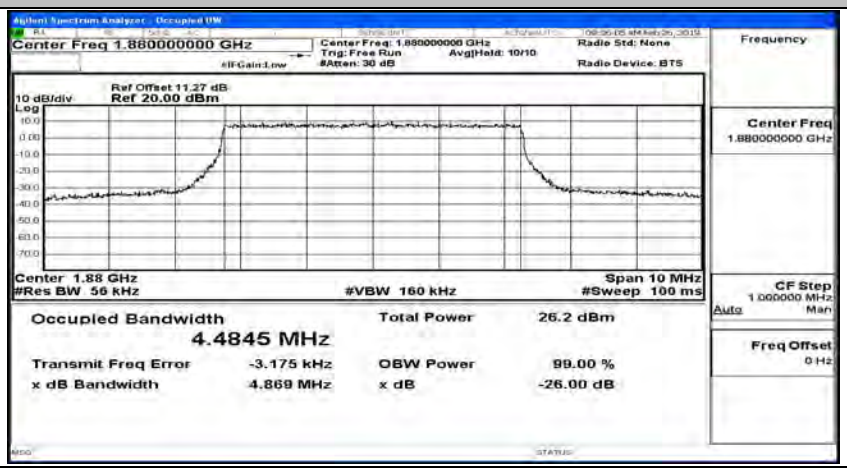
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



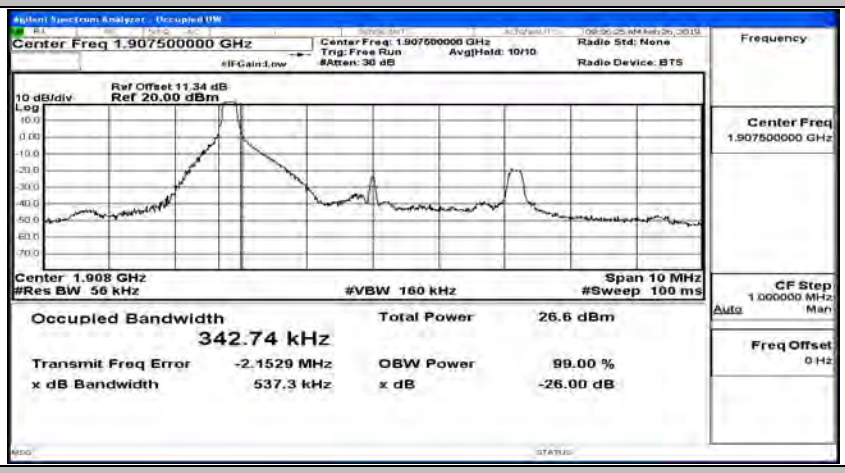
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



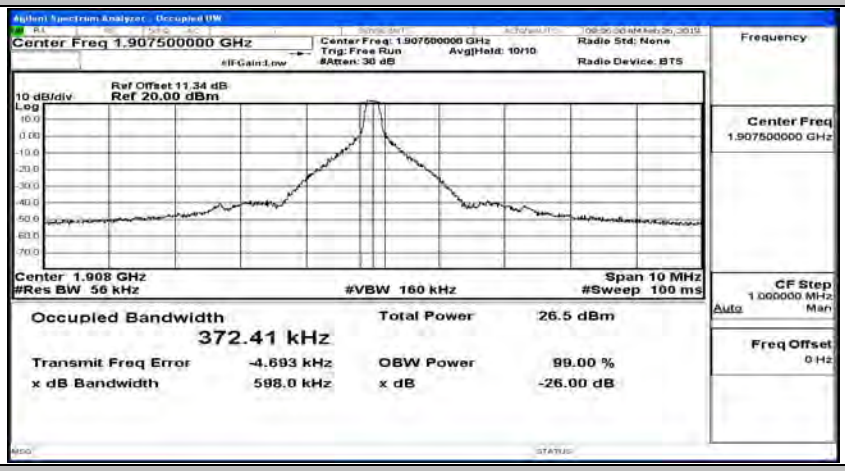
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



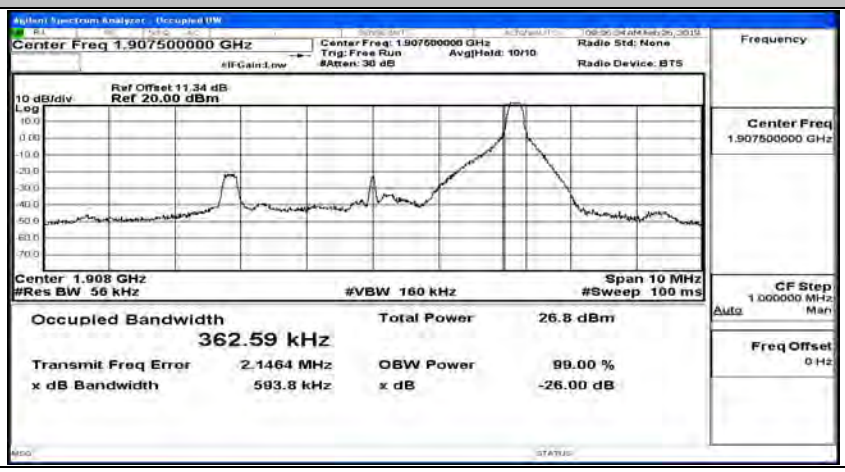
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



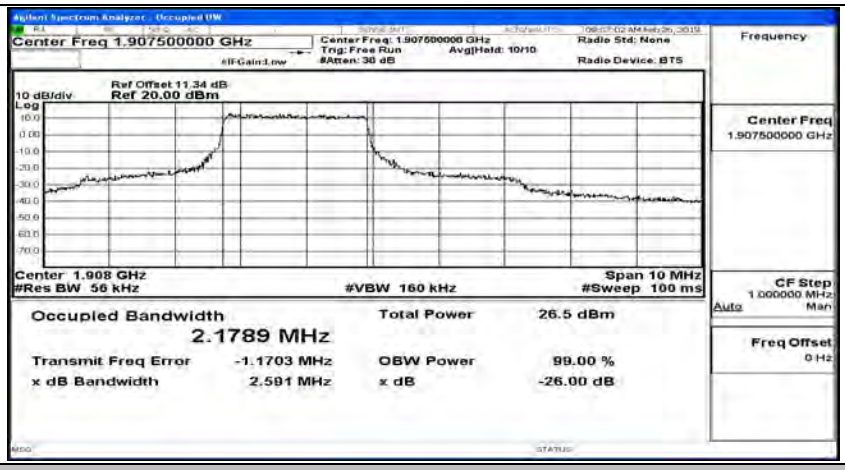
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



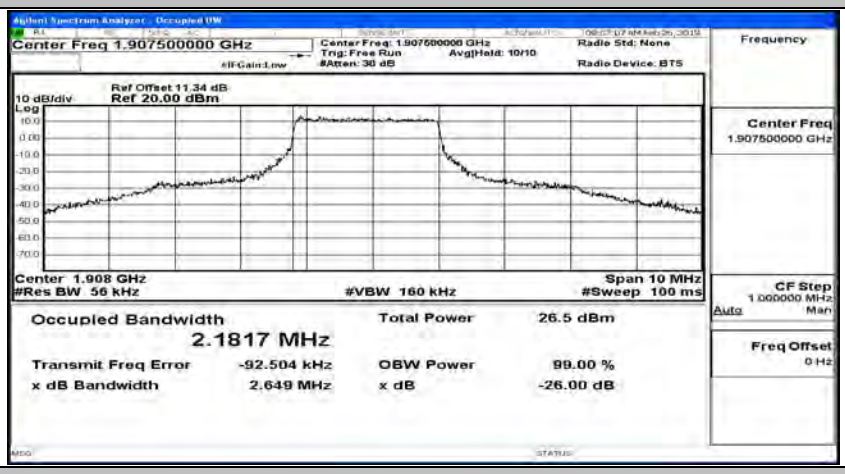
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



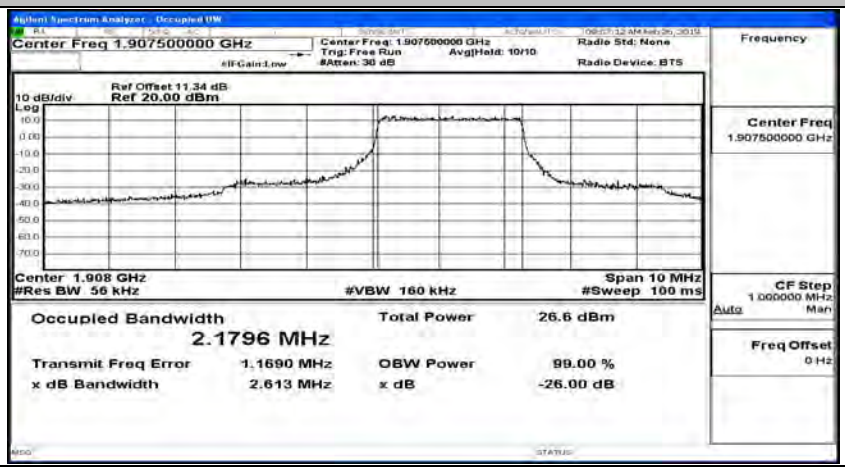
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



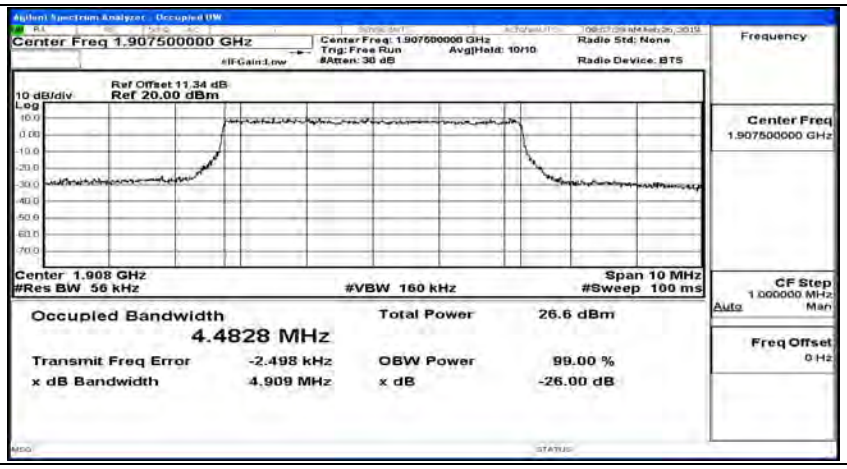
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0


Agilent Spectrum Analyzer - Occupied BW
Center Freq 1.907500000 GHz
Center Freq: 1.907500000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.34 dB
10 dB/div
Ref 20.00 dBm
Log
Center Freq
1.907500000 GHz
Center 1.908 GHz
#Res BW 56 kHz
#VBW 160 kHz
Span 10 MHz
#Sweep 100 ms
CF Step
1.000000 MHz
Auto
Man
Occupied Bandwidth
4.4828 MHz
Total Power
26.6 dBm
Freq Offset
0 Hz
Transmit Freq Error
-2.498 kHz
OBW Power
99.00 %
x dB Bandwidth
4.909 MHz
x dB
-26.00 dB