B.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	3.29	<13	PASS
		1	3	3.32	<13	PASS
		1	5	3.39	<13	PASS
		3	0	3.71	<13	PASS
		3	2	3.74	<13	PASS
		3	3	3.79	<13	PASS
		6	0	4.94	<13	PASS
	MCH	1	0	3.63	<13	PASS
		1	3	3.64	<13	PASS
		1	5	3.58	<13	PASS
		3	0	4.14	<13	PASS
		3	2	4.06	<13	PASS
		3	3	4.08	<13	PASS
		6	0	5.16	<13	PASS
	HCH	1	0	4.11	<13	PASS
		1	3	3.99	<13	PASS
		1	5	3.95	<13	PASS
		3	0	4.52	<13	PASS
		3	2	4.45	<13	PASS
		3	3	4.44	<13	PASS
		6	0	5.37	<13	PASS
16QAM	LCH	1	0	4.33	<13	PASS
		1	3	4.31	<13	PASS
		1	5	4.46	<13	PASS
		3	0	4.61	<13	PASS
		3	2	4.67	<13	PASS
		3	3	4.74	<13	PASS
		6	0	5.81	<13	PASS
	MCH	1	0	4.71	<13	PASS
		1	3	4.68	<13	PASS
		1	5	4.65	<13	PASS
		3	0	5.1	<13	PASS
		3	2	5	<13	PASS
		3	3	5.05	<13	PASS
		6	0	6.04	<13	PASS

	HCH	1	0	4.97	<13	PASS
		1	3	4.8	<13	PASS
		1	5	4.78	<13	PASS
		3	0	5.24	<13	PASS
		3	2	5.17	<13	PASS
		3	3	5.24	<13	PASS
		6	0	6.24	<13	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.31	<13	PASS
		1	7	3.62	<13	PASS
		1	14	3.76	<13	PASS
		8	0	4.72	<13	PASS
		8	4	4.82	<13	PASS
		8	7	4.92	<13	PASS
		15	0	5.13	<13	PASS
	MCH	1	0	3.91	<13	PASS
		1	7	3.73	<13	PASS
		1	14	3.6	<13	PASS
		8	0	5.07	<13	PASS
		8	4	5.01	<13	PASS
		8	7	4.96	<13	PASS
		15	0	5.24	<13	PASS
	HCH	1	0	3.98	<13	PASS
		1	7	3.99	<13	PASS
		1	14	3.91	<13	PASS
		8	0	5.41	<13	PASS
		8	4	5.32	<13	PASS
		8	7	5.31	<13	PASS
		15	0	5.6	<13	PASS
16QAM	LCH	1	0	4.23	<13	PASS
		1	7	4.37	<13	PASS
		1	14	4.55	<13	PASS
		8	0	5.47	<13	PASS
		8	4	5.56	<13	PASS
		8	7	5.68	<13	PASS
		15	0	5.98	<13	PASS
	MCH	1	0	4.65	<13	PASS
		1	7	4.66	<13	PASS
		1	14	4.52	<13	PASS
		8	0	5.74	<13	PASS
		8	4	5.73	<13	PASS
		8	7	5.67	<13	PASS
		15	0	6.15	<13	PASS
	HCH	1	0	4.96	<13	PASS
		1	7	4.9	<13	PASS
		1	14	4.81	<13	PASS

		8	0	6.13	<13	PASS
		8	4	6.13	<13	PASS
		8	7	6.05	<13	PASS
		15	0	6.37	<13	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.14	<13	PASS
		1	12	3.67	<13	PASS
		1	24	3.82	<13	PASS
		12	0	4.75	<13	PASS
		12	6	4.84	<13	PASS
		12	13	5.09	<13	PASS
		25	0	5.26	<13	PASS
	MCH	1	0	3.55	<13	PASS
		1	12	3.63	<13	PASS
		1	24	3.33	<13	PASS
		12	0	5.01	<13	PASS
		12	6	4.89	<13	PASS
		12	13	4.91	<13	PASS
		25	0	5.22	<13	PASS
	HCH	1	0	4	<13	PASS
		1	12	4.16	<13	PASS
		1	24	3.98	<13	PASS
		12	0	5.35	<13	PASS
		12	6	5.32	<13	PASS
		12	13	5.34	<13	PASS
		25	0	5.53	<13	PASS
16QAM	LCH	1	0	4.19	<13	PASS
		1	12	4.62	<13	PASS
		1	24	4.77	<13	PASS
		12	0	5.59	<13	PASS
		12	6	5.69	<13	PASS
		12	13	5.94	<13	PASS
		25	0	6.04	<13	PASS
	MCH	1	0	4.67	<13	PASS
		1	12	4.57	<13	PASS
		1	24	4.31	<13	PASS
		12	0	5.82	<13	PASS
		12	6	5.76	<13	PASS
		12	13	5.71	<13	PASS
		25	0	6.05	<13	PASS
	HCH	1	0	4.69	<13	PASS
		1	12	4.82	<13	PASS
		1	24	4.66	<13	PASS

		12	0	6.26	<13	PASS
		12	6	6.26	<13	PASS
		12	13	6.28	<13	PASS
		25	0	6.35	<13	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.29	<13	PASS
		1	24	3.95	<13	PASS
		1	49	4.12	<13	PASS
		25	0	4.99	<13	PASS
		25	12	5.27	<13	PASS
		25	25	5.38	<13	PASS
		50	0	5.41	<13	PASS
	MCH	1	0	3.84	<13	PASS
		1	24	3.64	<13	PASS
		1	49	3.36	<13	PASS
		25	0	5.09	<13	PASS
		25	12	4.96	<13	PASS
		25	25	4.98	<13	PASS
		50	0	5.22	<13	PASS
	HCH	1	0	3.4	<13	PASS
		1	24	3.78	<13	PASS
		1	49	3.76	<13	PASS
		25	0	5.11	<13	PASS
		25	12	5.3	<13	PASS
		25	25	5.36	<13	PASS
		50	0	5.48	<13	PASS
16QAM	LCH	1	0	4.16	<13	PASS
		1	24	4.72	<13	PASS
		1	49	4.92	<13	PASS
		25	0	5.87	<13	PASS
		25	12	6.1	<13	PASS
		25	25	6.23	<13	PASS
		50	0	6.15	<13	PASS
	MCH	1	0	4.61	<13	PASS
		1	24	4.58	<13	PASS
		1	49	4.36	<13	PASS
		25	0	5.97	<13	PASS
		25	12	5.81	<13	PASS
		25	25	5.79	<13	PASS
		50	0	5.99	<13	PASS
	HCH	1	0	4.43	<13	PASS
		1	24	4.85	<13	PASS
		1	49	4.86	<13	PASS

		25	0	5.94	<13	PASS
		25	12	6.08	<13	PASS
		25	25	6.21	<13	PASS
		50	0	6.23	<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	8.88	<13	PASS
		1	37	3.93	<13	PASS
		1	74	8.82	<13	PASS
		37	0	4.74	<13	PASS
		37	18	5.38	<13	PASS
		37	38	4.83	<13	PASS
		75	0	4.99	<13	PASS
	MCH	1	0	8.52	<13	PASS
		1	37	3.63	<13	PASS
		1	74	8.92	<13	PASS
		37	0	4.72	<13	PASS
		37	18	5.05	<13	PASS
		37	38	4.72	<13	PASS
		75	0	4.96	<13	PASS
	HCH	1	0	8.75	<13	PASS
		1	37	3.63	<13	PASS
		1	74	8.36	<13	PASS
		37	0	4.57	<13	PASS
		37	18	5.15	<13	PASS
		37	38	4.93	<13	PASS
		75	0	5.05	<13	PASS
16QAM	LCH	1	0	9.19	<13	PASS
		1	37	4.75	<13	PASS
		1	74	9.43	<13	PASS
		37	0	6.09	<13	PASS
		37	18	6.2	<13	PASS
		37	38	6.17	<13	PASS
		75	0	6.33	<13	PASS
	MCH	1	0	9.17	<13	PASS
		1	37	4.6	<13	PASS
		1	74	9.65	<13	PASS
		37	0	6	<13	PASS
		37	18	5.9	<13	PASS
		37	38	5.99	<13	PASS
		75	0	6.25	<13	PASS
	HCH	1	0	8.9	<13	PASS
		1	37	4.6	<13	PASS
		1	74	9.48	<13	PASS

		37	0	5.93	<13	PASS
		37	18	6.01	<13	PASS
		37	38	6.14	<13	PASS
		75	0	6.28	<13	PASS

Channel Bandwidth: 20 MHz

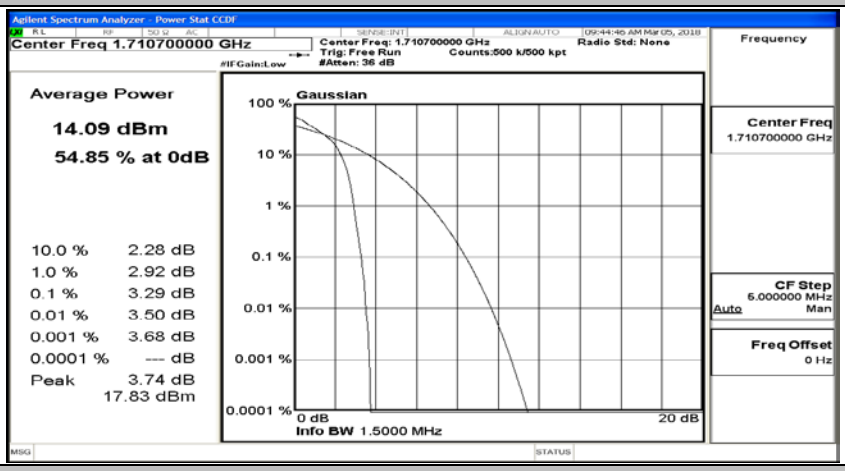
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	8.43	<13	PASS
		1	49	4.06	<13	PASS
		1	99	8.21	<13	PASS
		50	0	5.66	<13	PASS
		50	25	5.41	<13	PASS
		50	50	5.82	<13	PASS
		100	0	5.65	<13	PASS
	MCH	1	0	8.71	<13	PASS
		1	49	3.6	<13	PASS
		1	99	9.09	<13	PASS
		50	0	5.61	<13	PASS
		50	25	5.23	<13	PASS
		50	50	5.79	<13	PASS
		100	0	5.69	<13	PASS
	HCH	1	0	8.87	<13	PASS
		1	49	3.45	<13	PASS
		1	99	8.91	<13	PASS
		50	0	5.46	<13	PASS
		50	25	5.22	<13	PASS
		50	50	5.8	<13	PASS
		100	0	5.8	<13	PASS
16QAM	LCH	1	0	7.42	<13	PASS
		1	49	4.78	<13	PASS
		1	99	8.29	<13	PASS
		50	0	6.78	<13	PASS
		50	25	6.26	<13	PASS
		50	50	6.78	<13	PASS
		100	0	6.87	<13	PASS
	MCH	1	0	8.97	<13	PASS
		1	49	4.41	<13	PASS
		1	99	8.92	<13	PASS
		50	0	6.7	<13	PASS
		50	25	5.98	<13	PASS
		50	50	6.77	<13	PASS
		100	0	6.87	<13	PASS
	HCH	1	0	8.88	<13	PASS
		1	49	4.29	<13	PASS
		1	99	8.76	<13	PASS

		50	0	6.58	<13	PASS
		50	25	5.94	<13	PASS
		50	50	6.75	<13	PASS
		100	0	6.74	<13	PASS

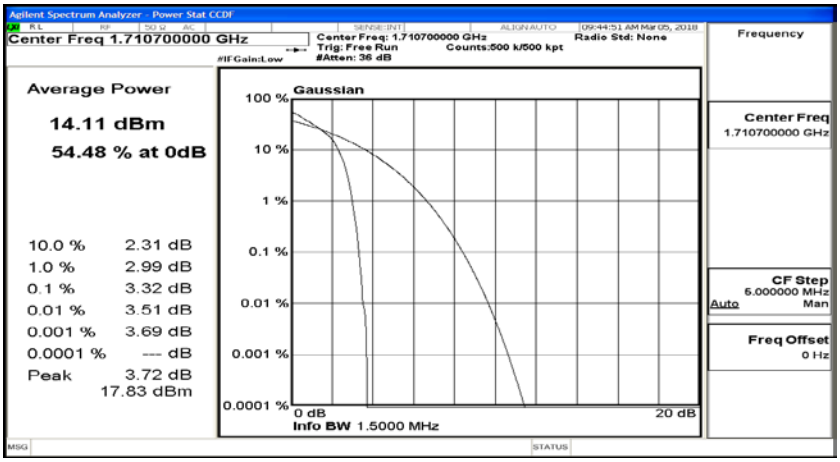
Test Graphs

Channel Bandwidth: 1.4 MHz

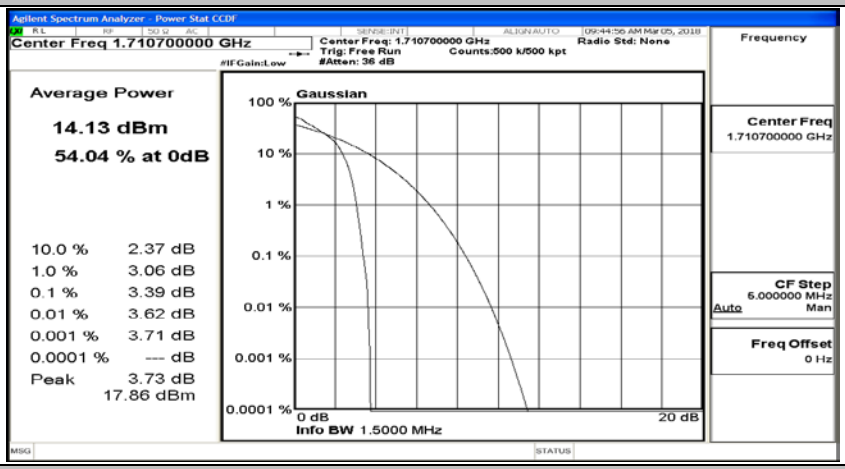
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



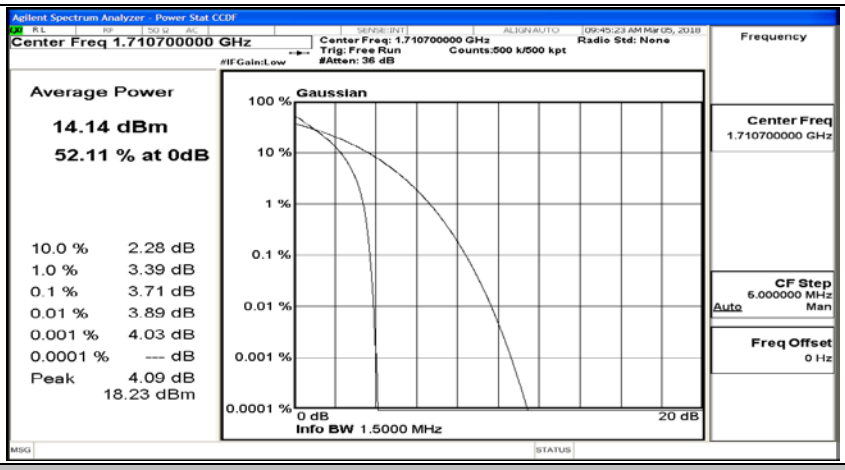
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



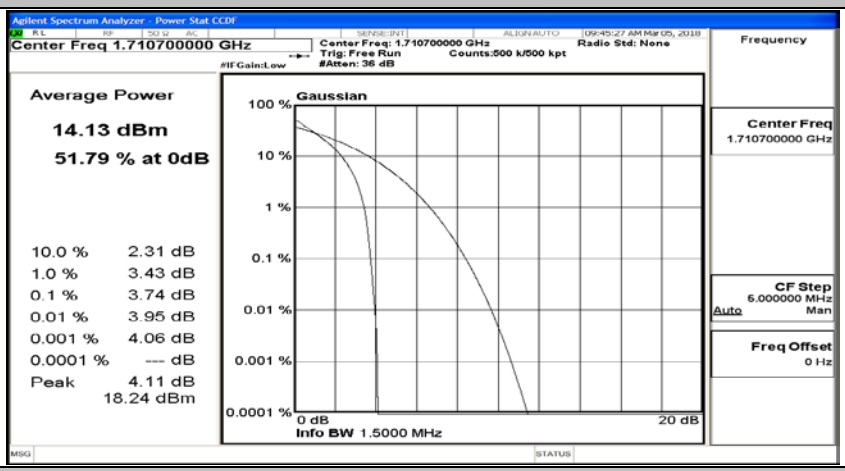
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



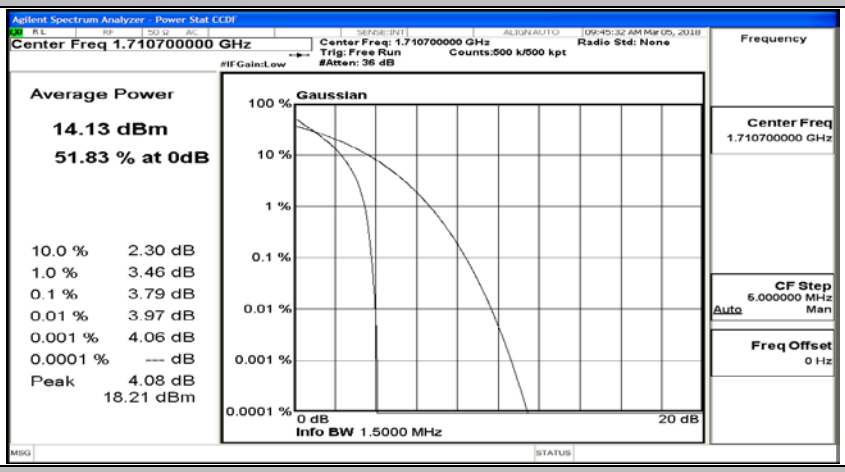
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



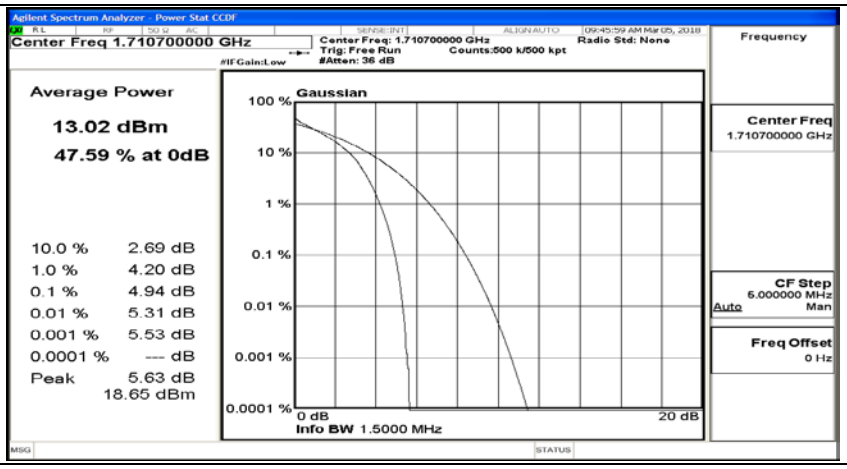
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



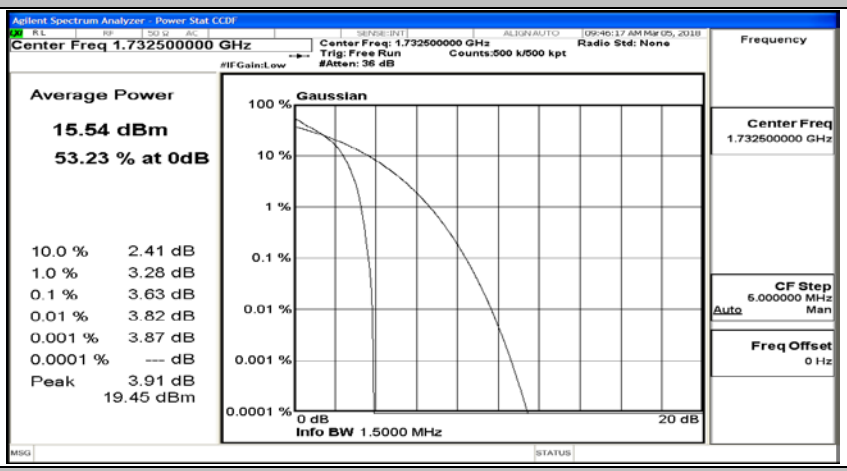
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



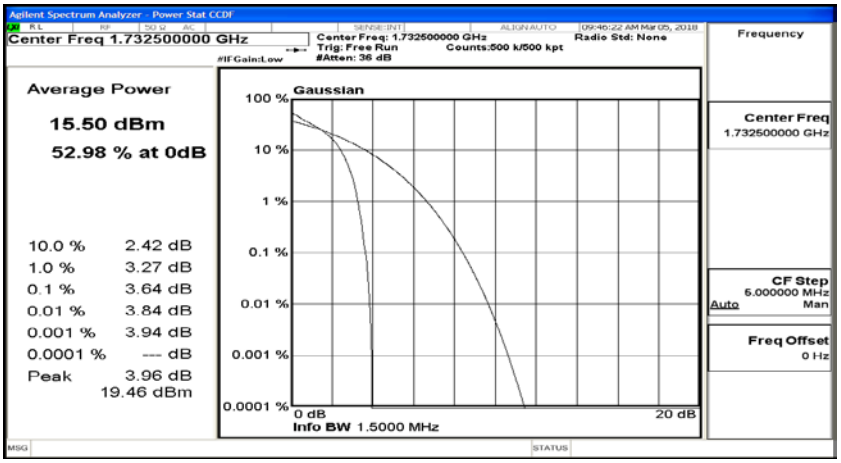
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



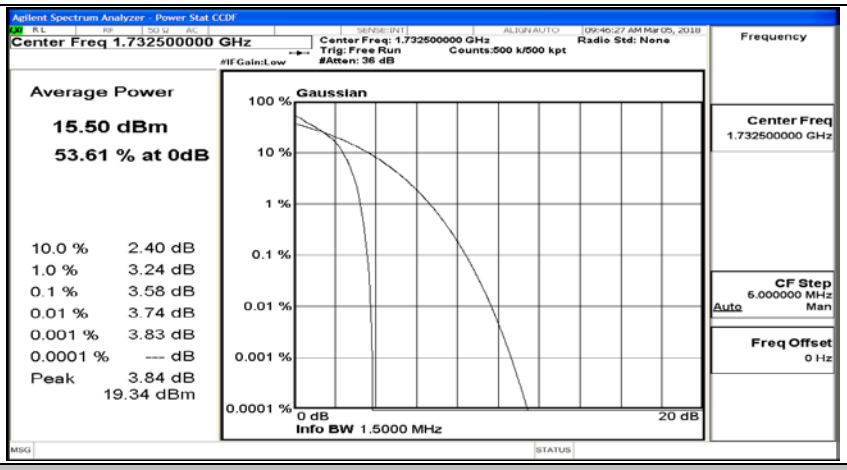
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



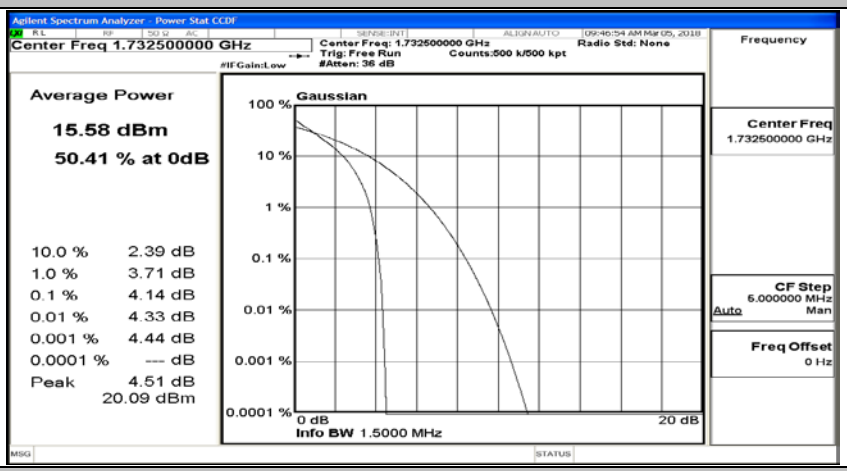
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



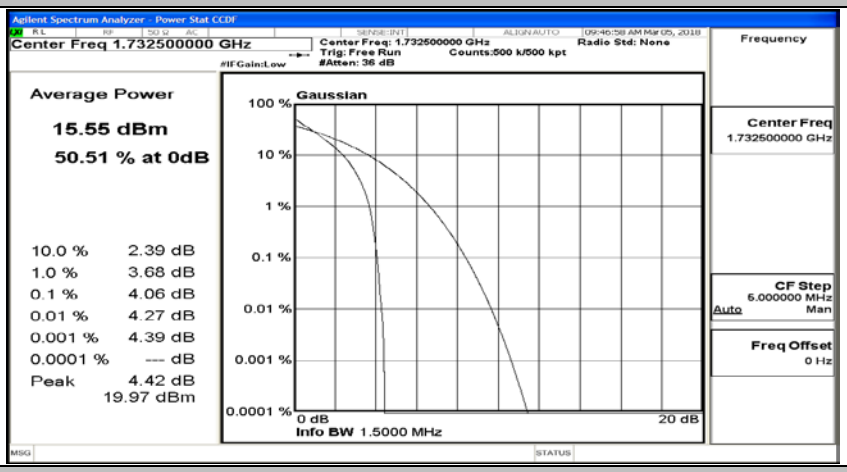
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



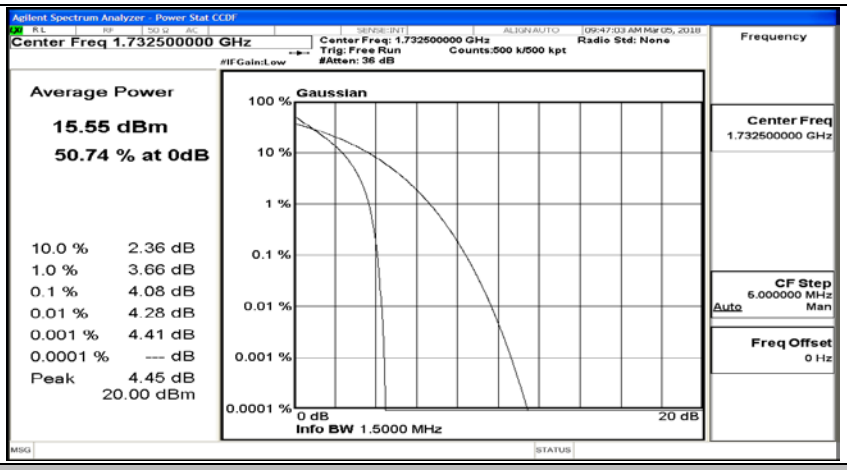
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



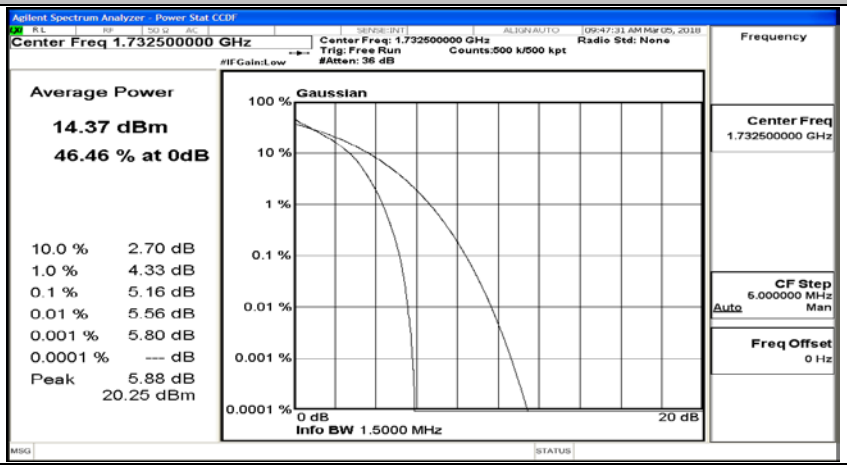
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



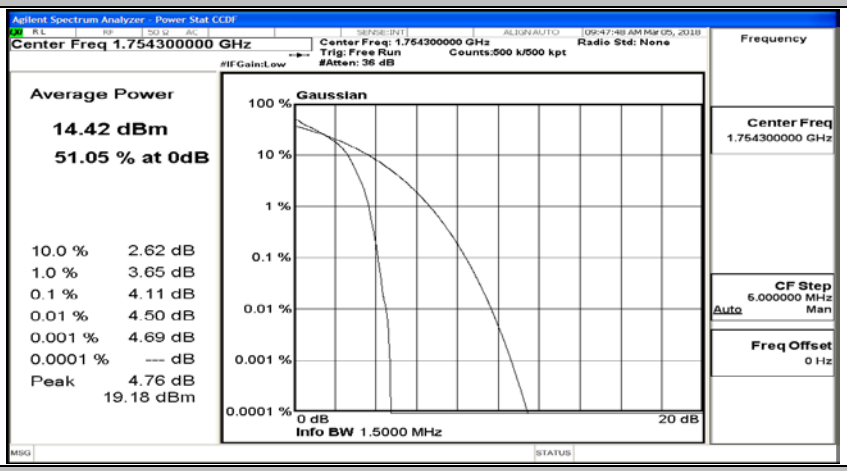
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



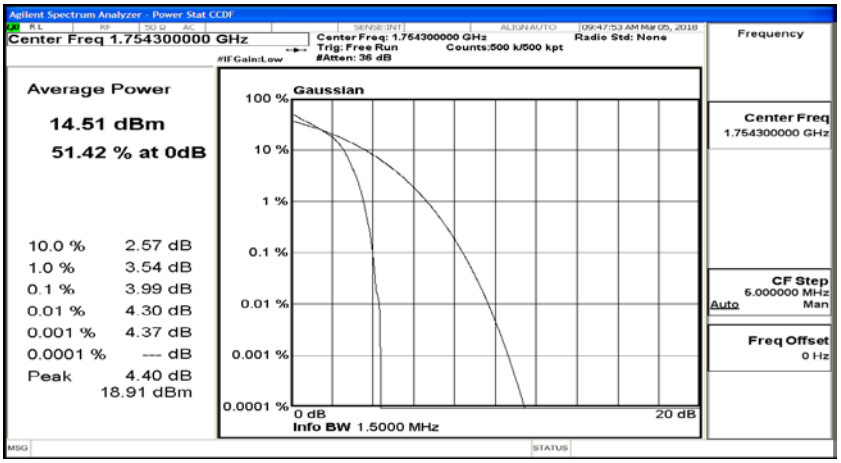
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



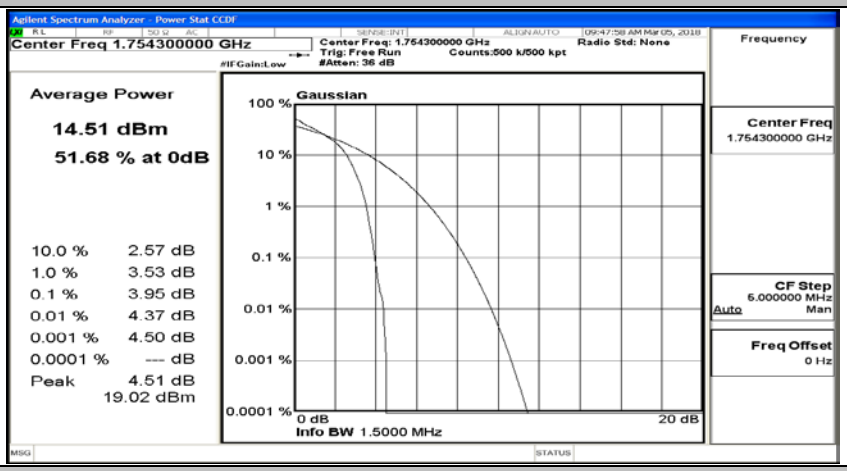
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



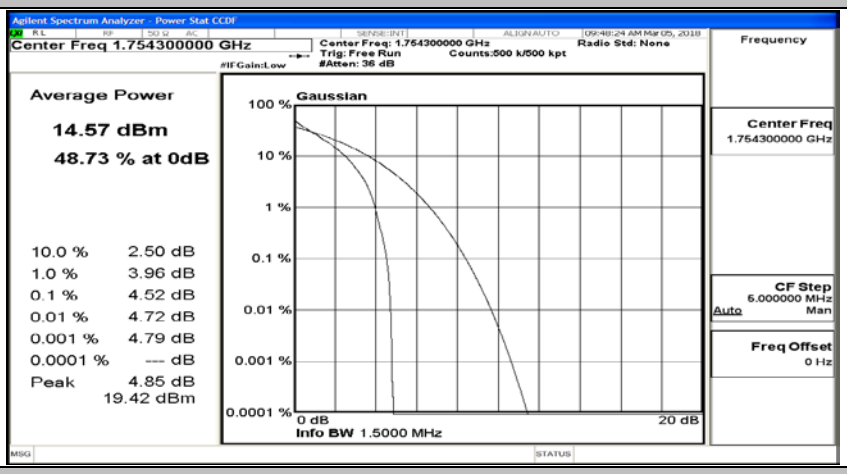
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



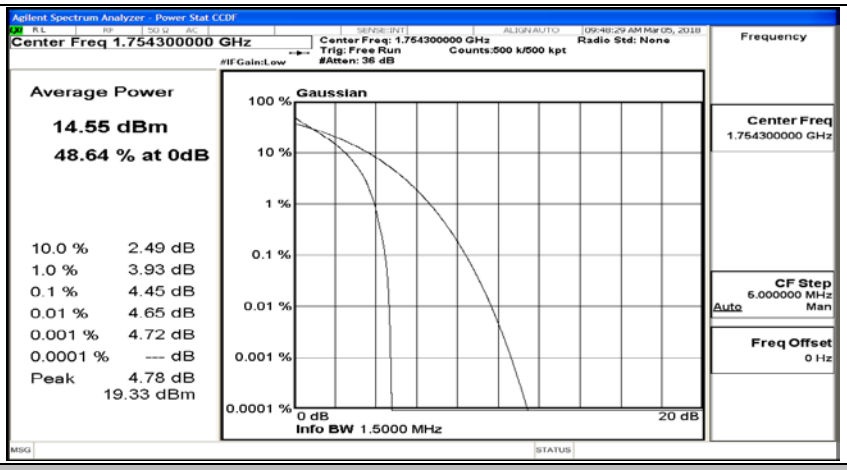
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



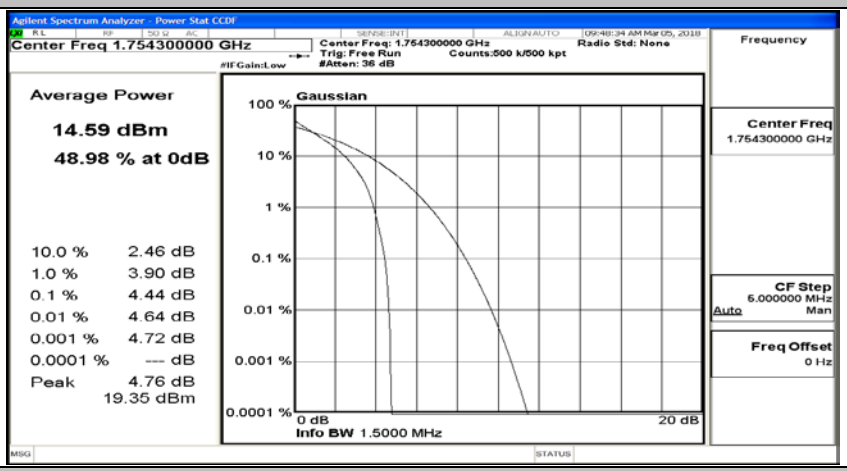
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



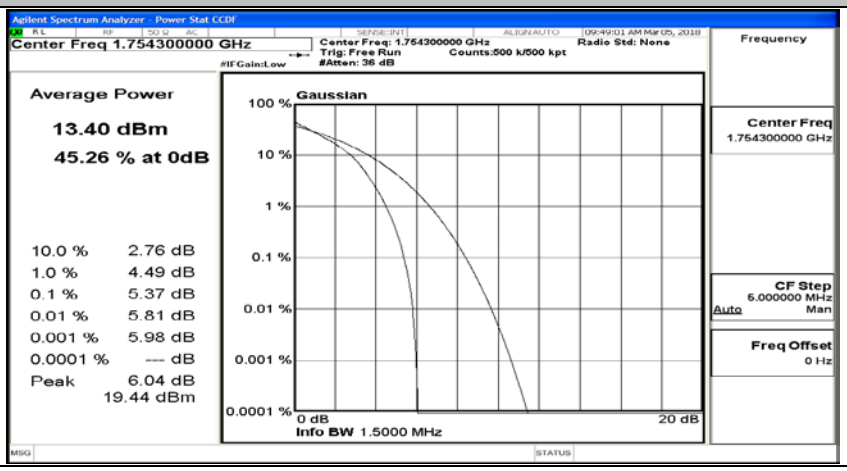
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



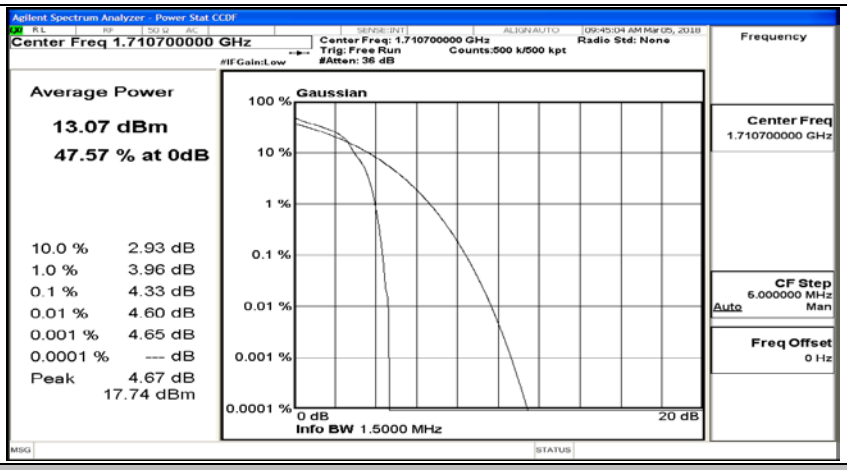
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



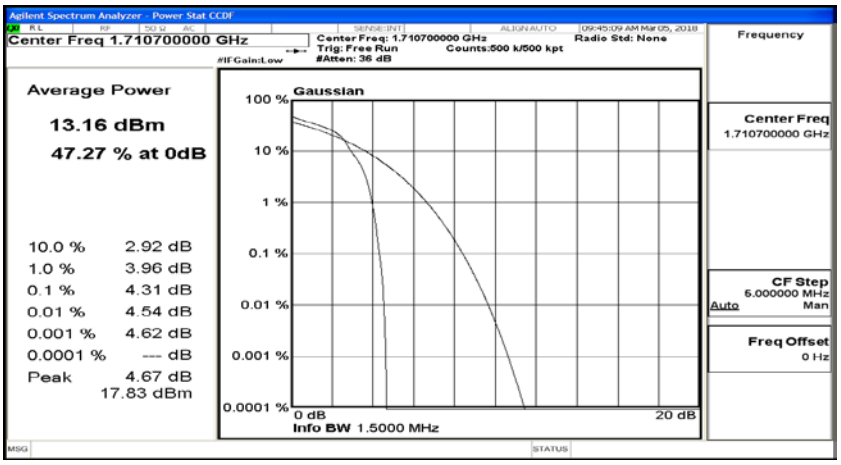
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



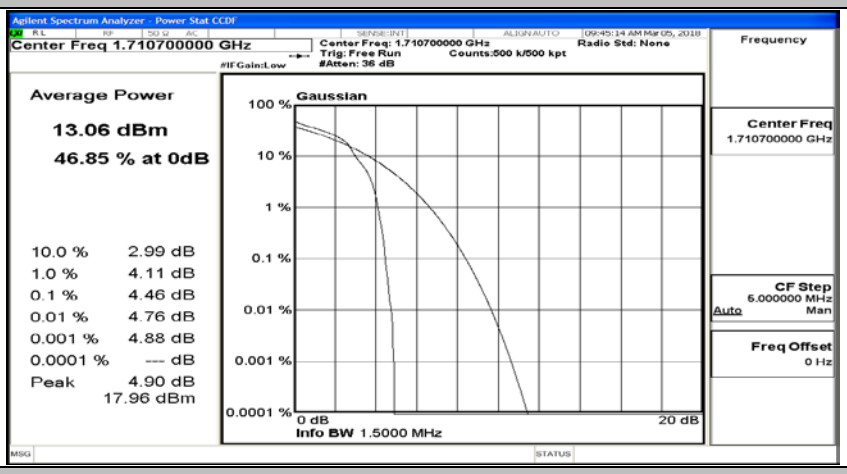
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



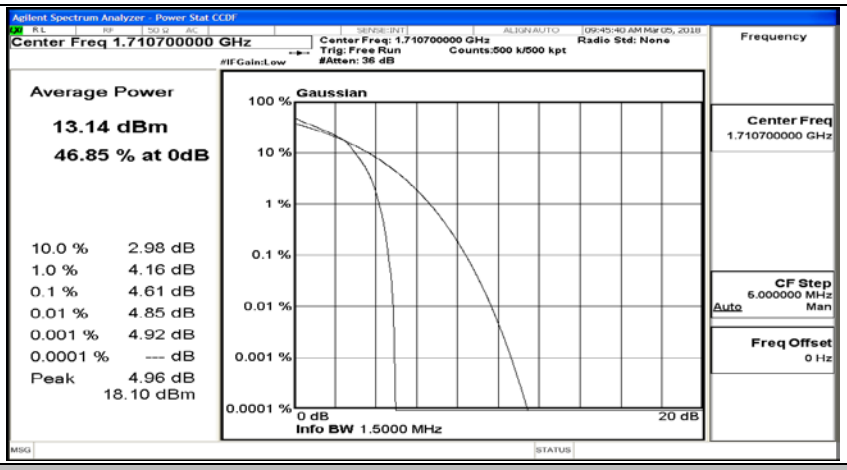
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



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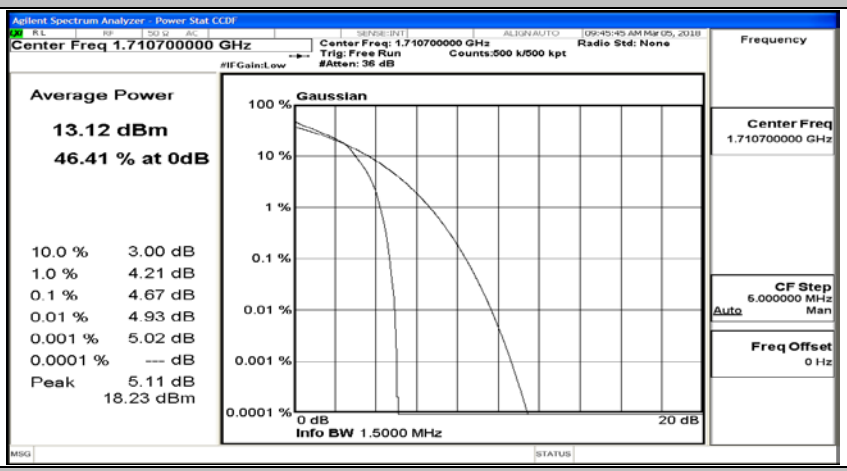
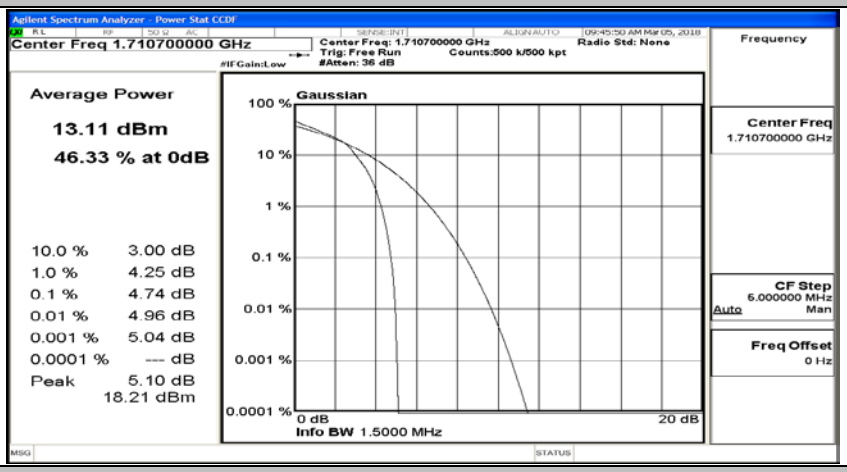


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



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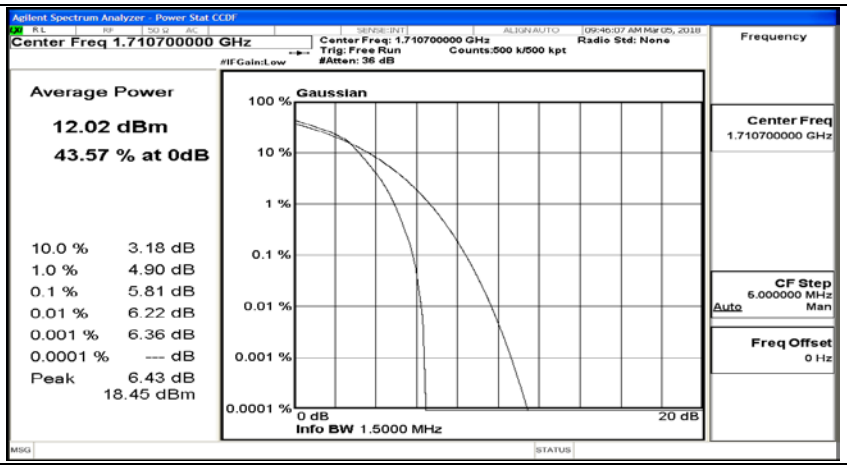
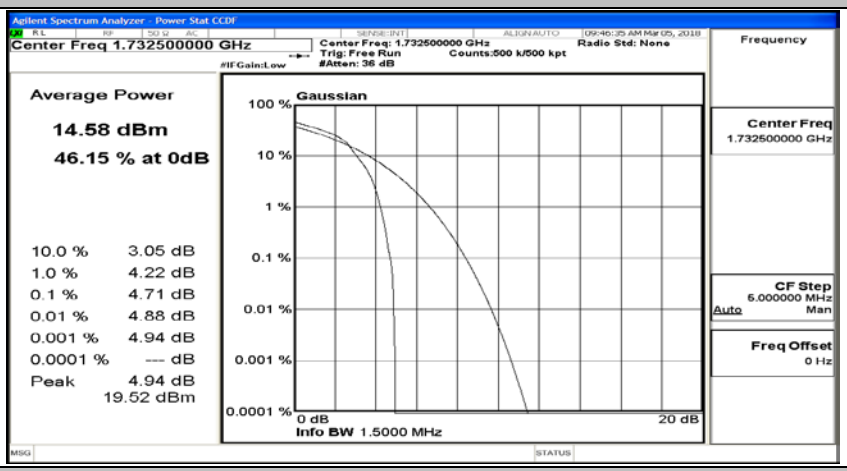
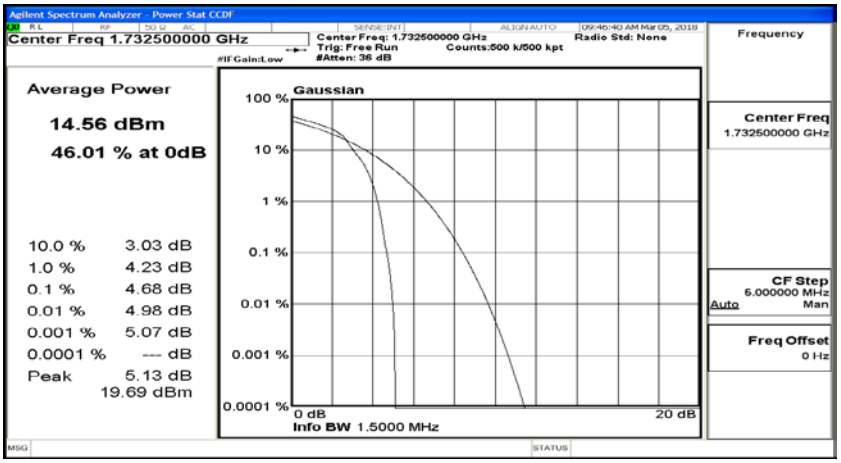


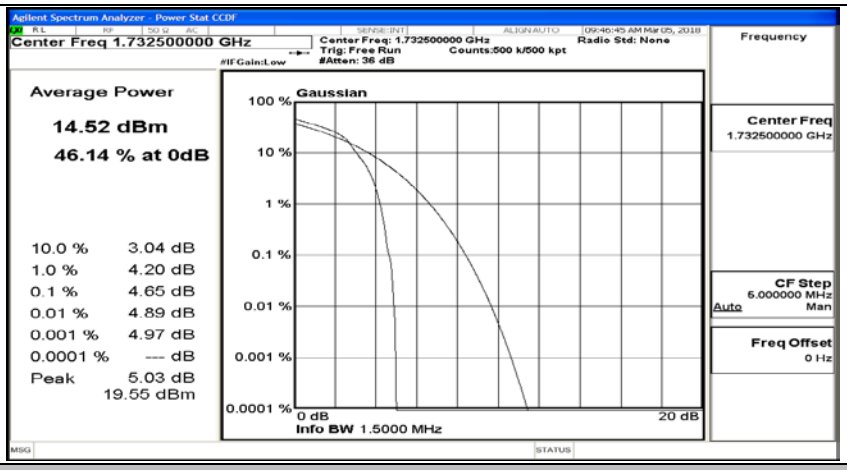
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



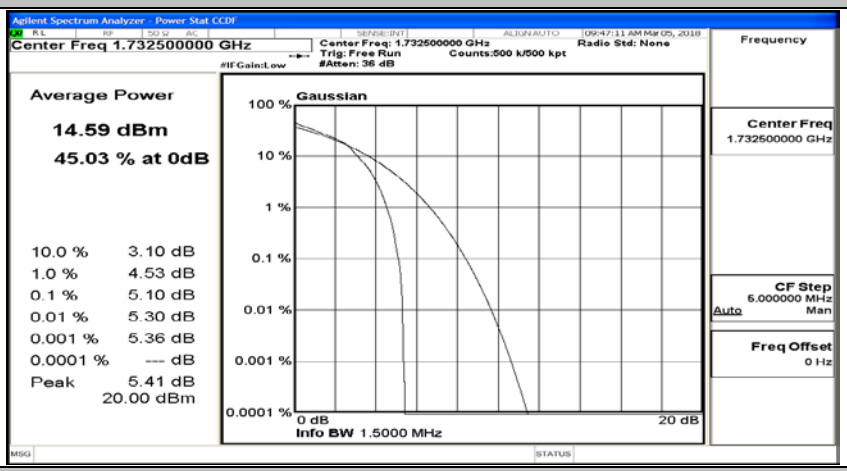
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



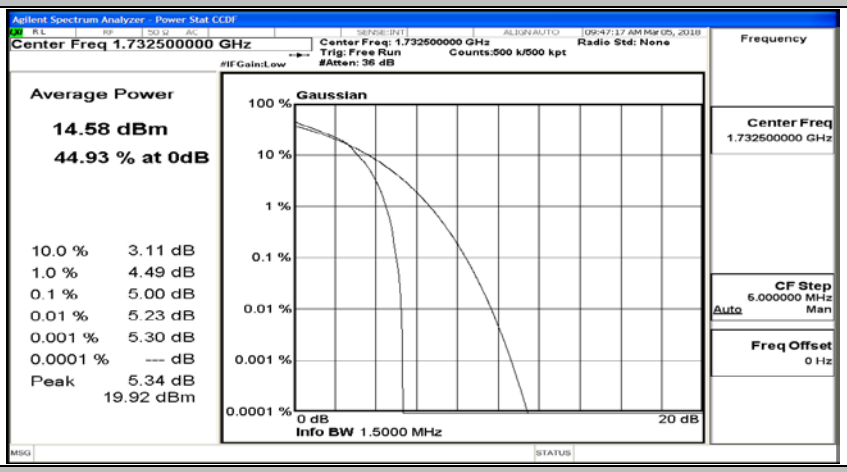
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



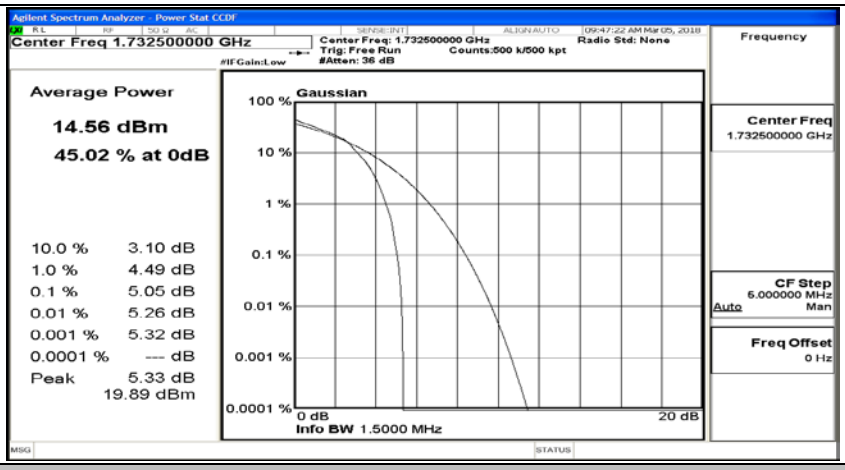
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



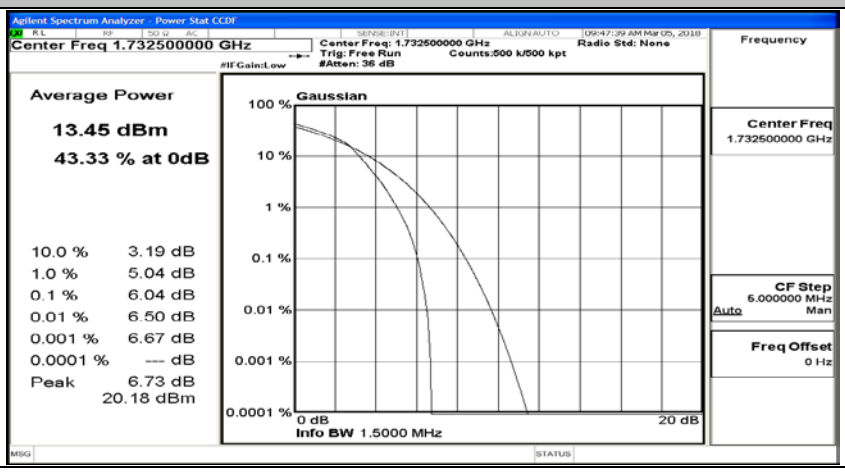
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



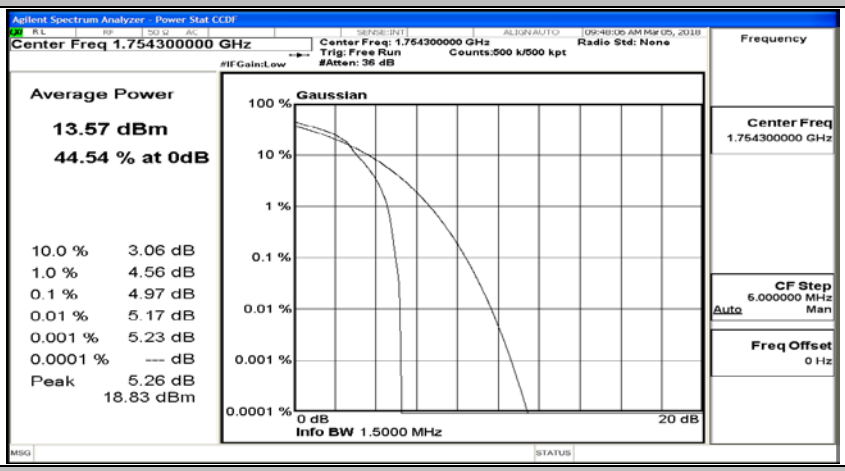
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



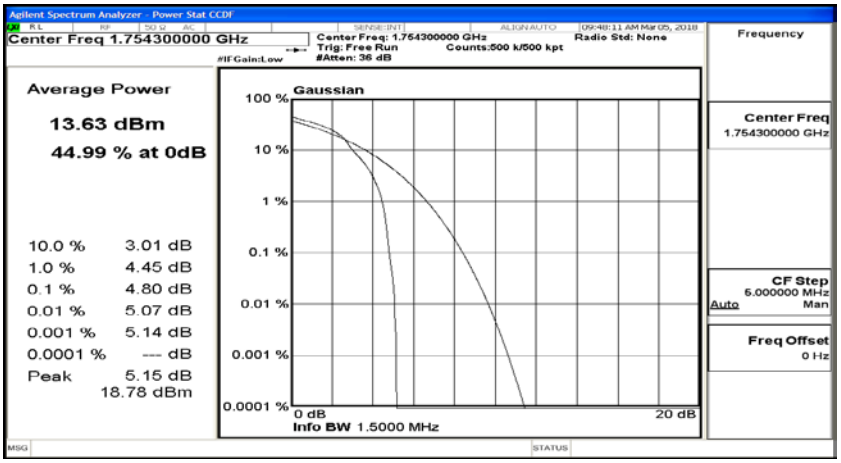
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



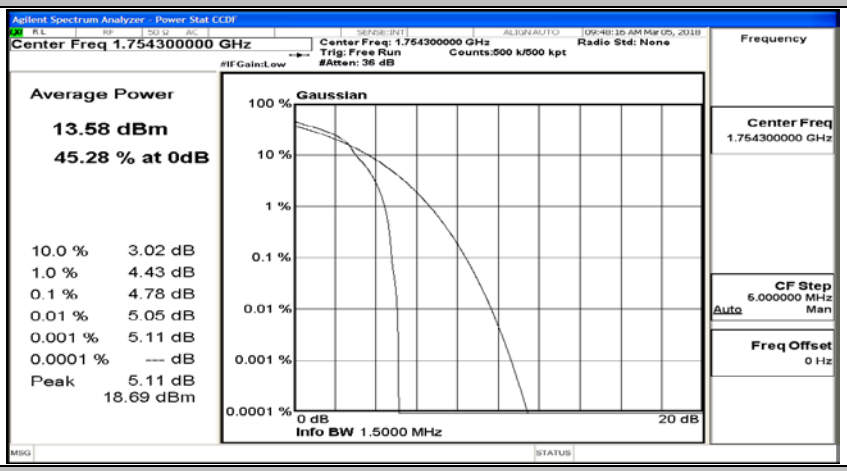
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



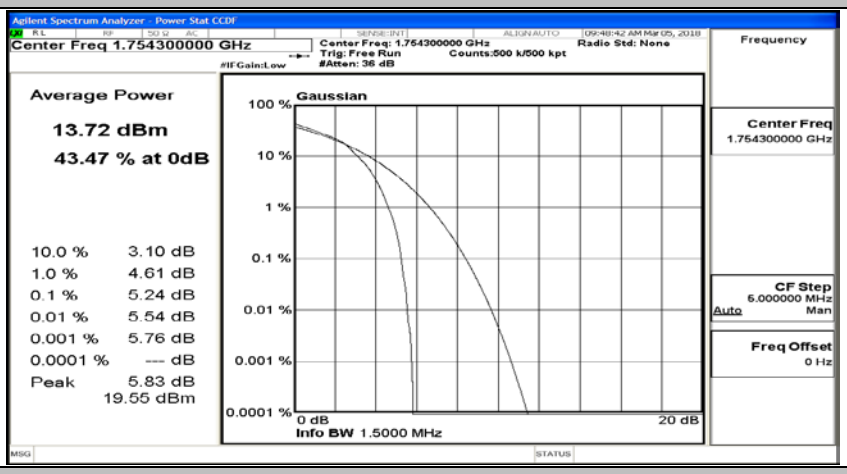
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



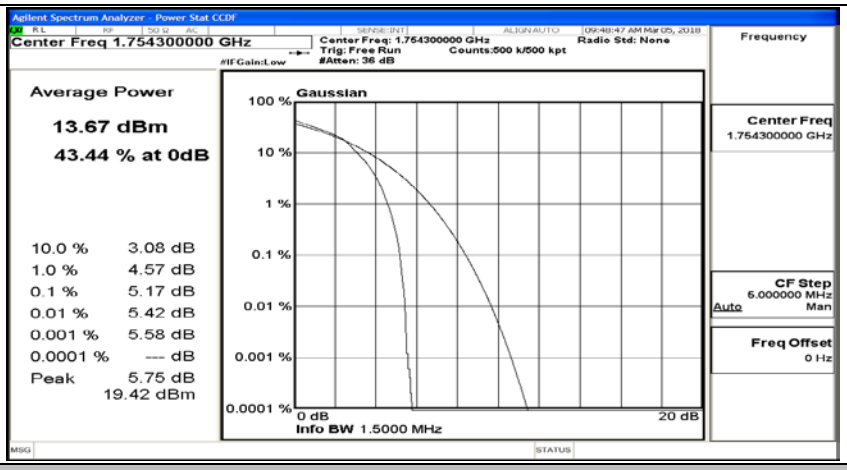
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



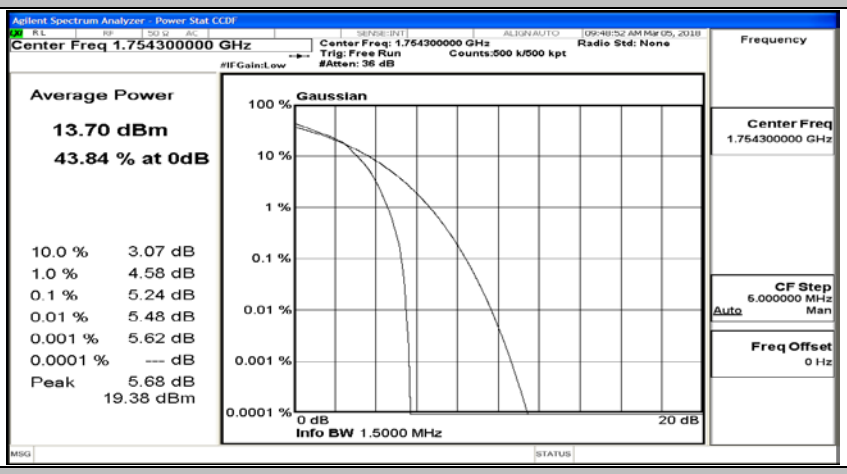
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



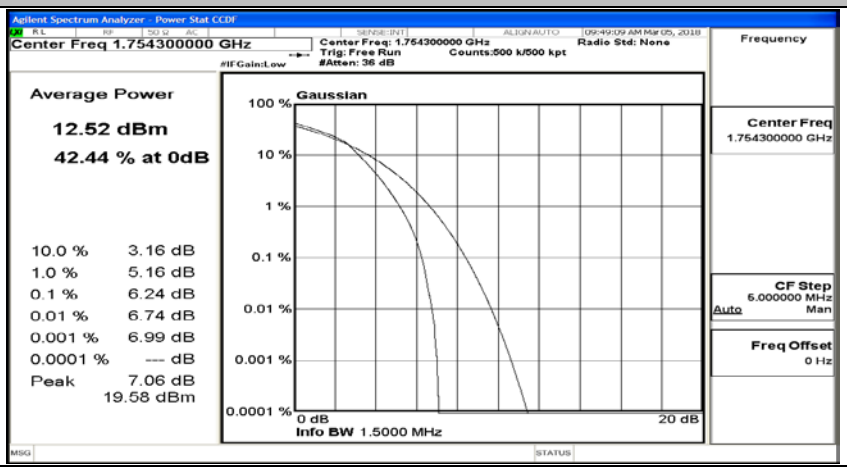
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

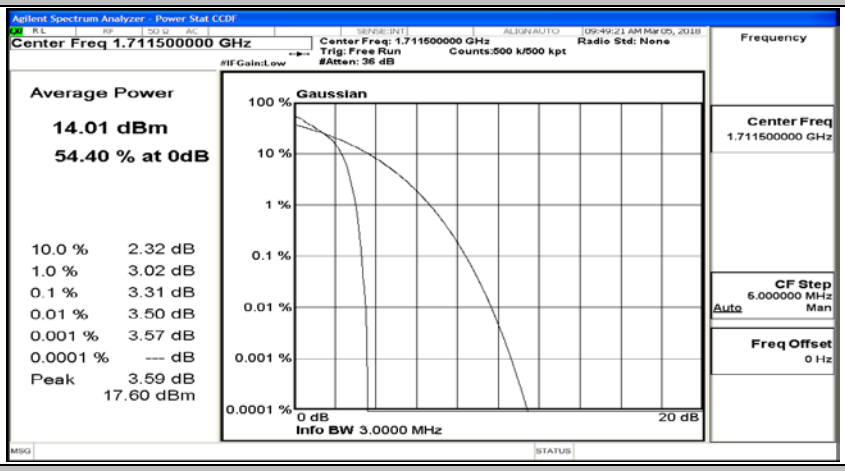


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

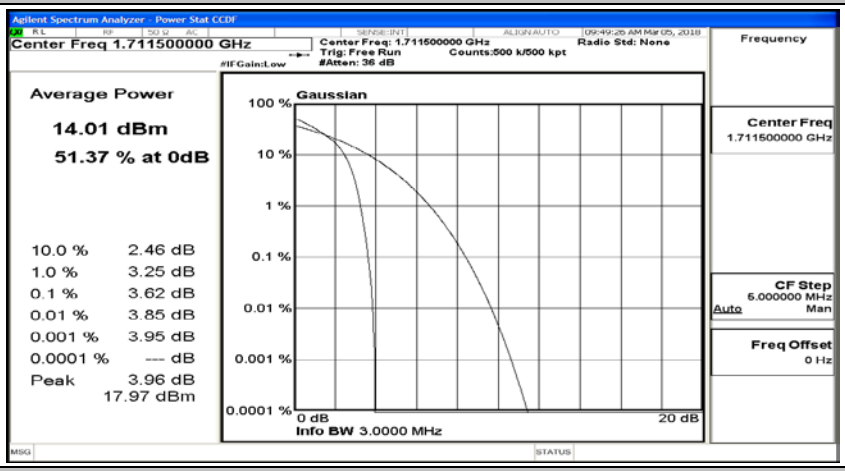


Channel Bandwidth: 3 MHz

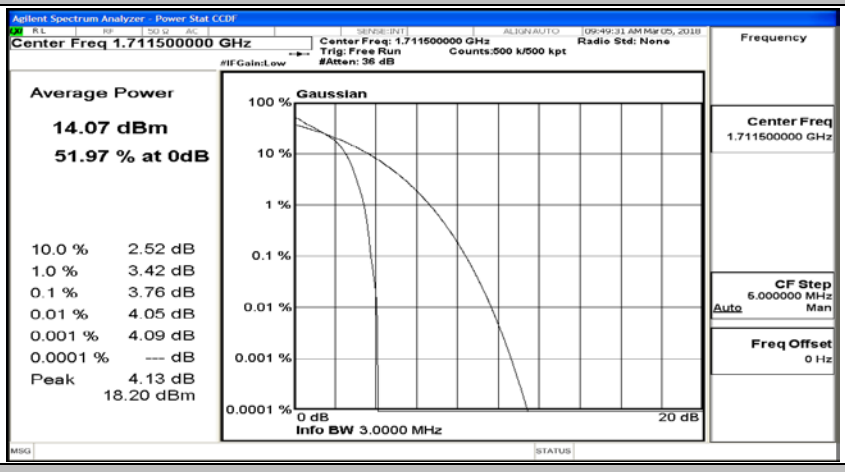
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



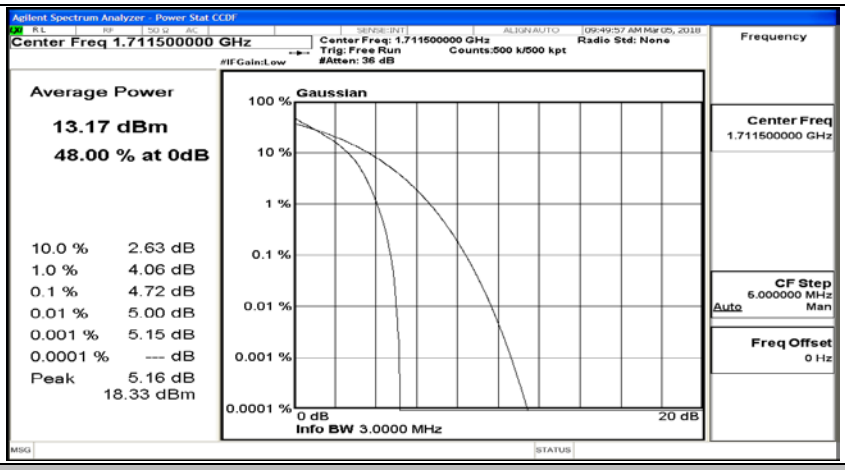
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



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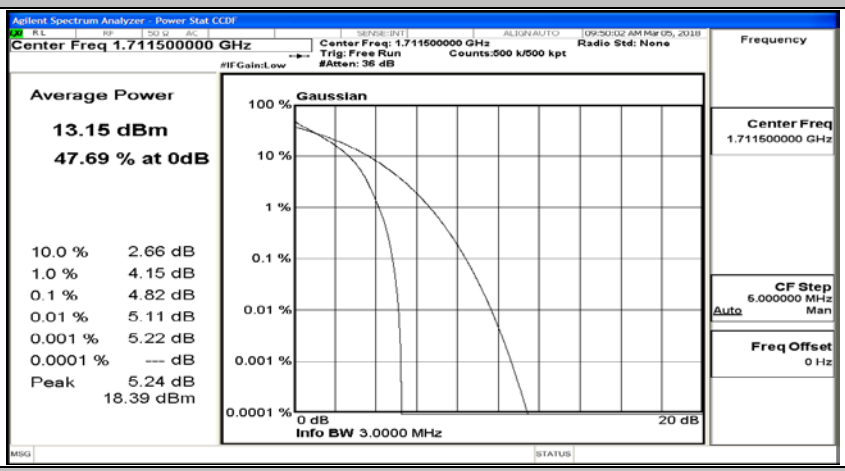

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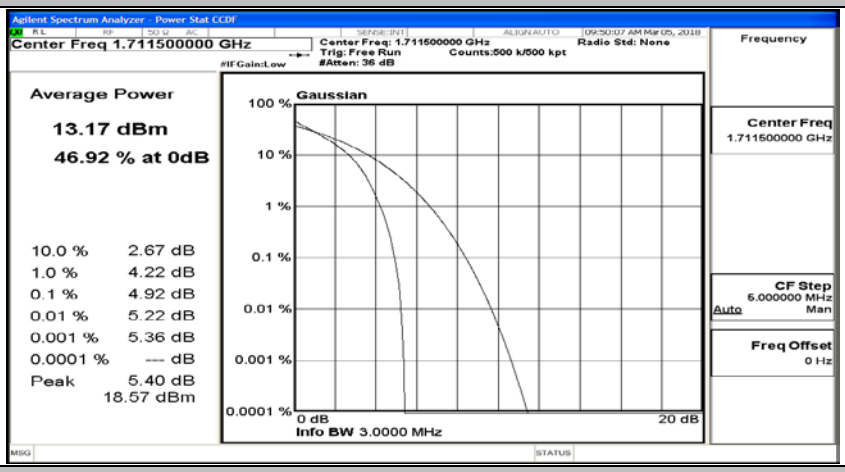
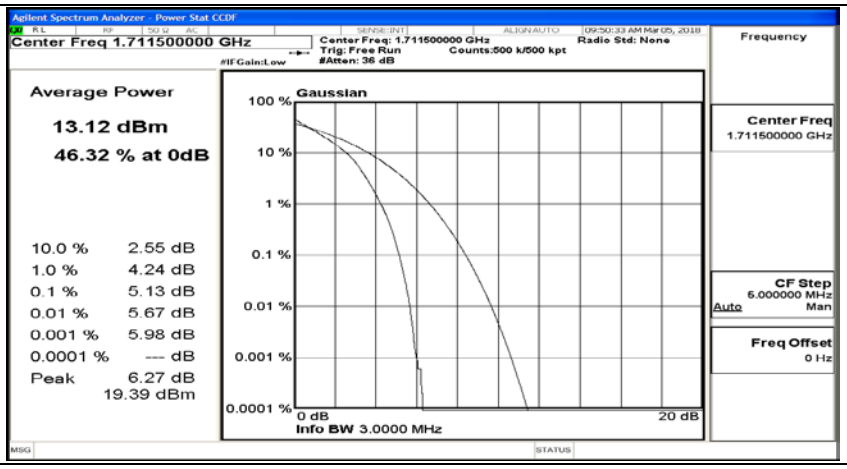
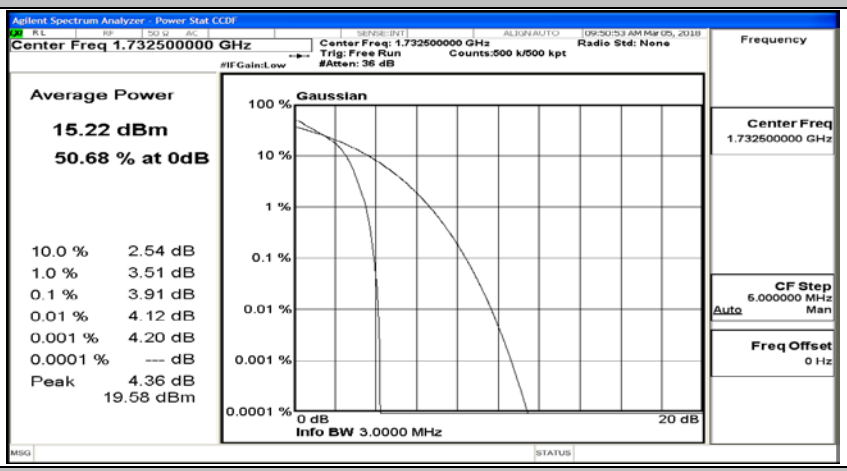


(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



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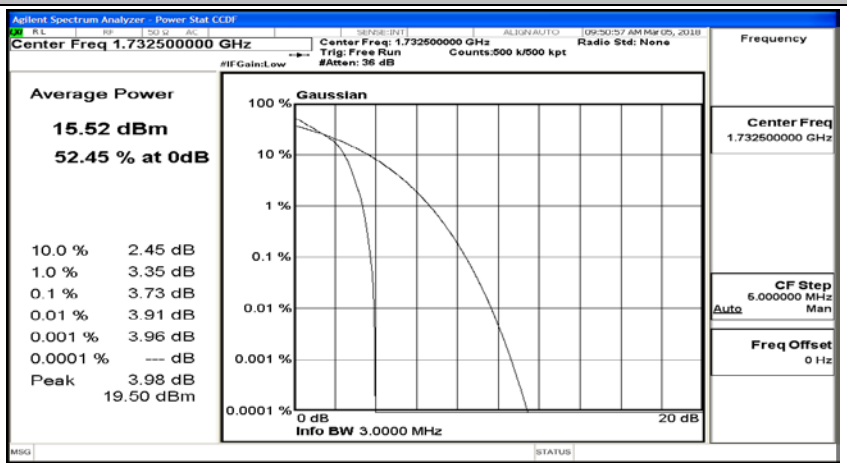

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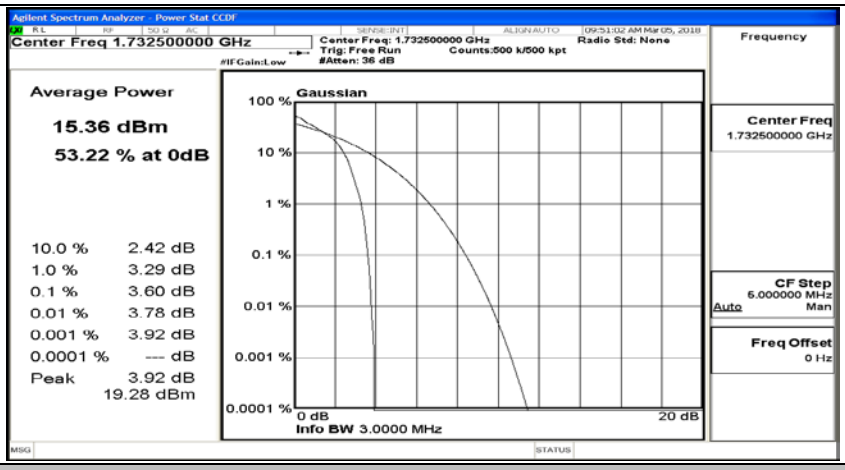

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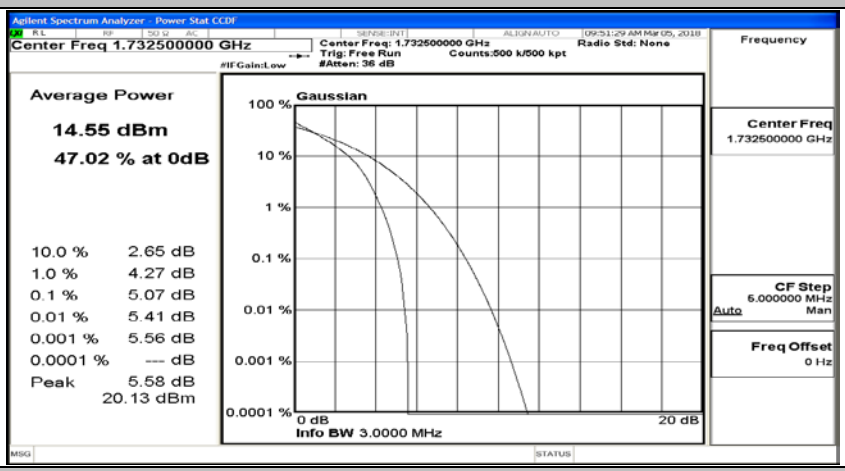

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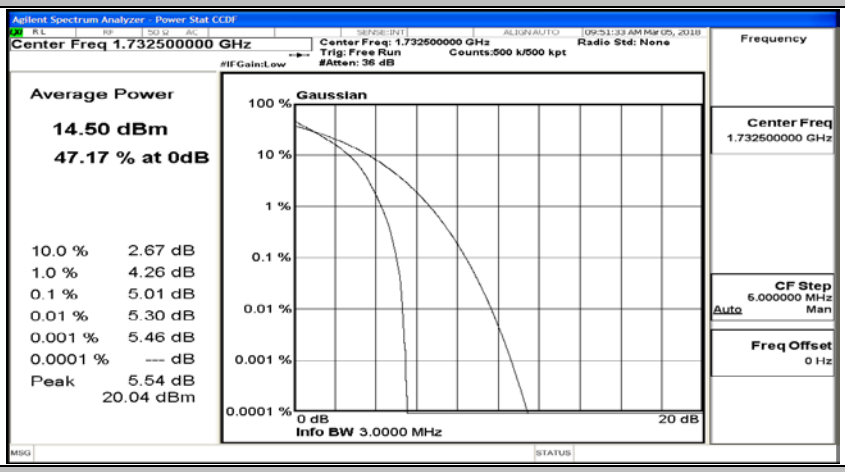

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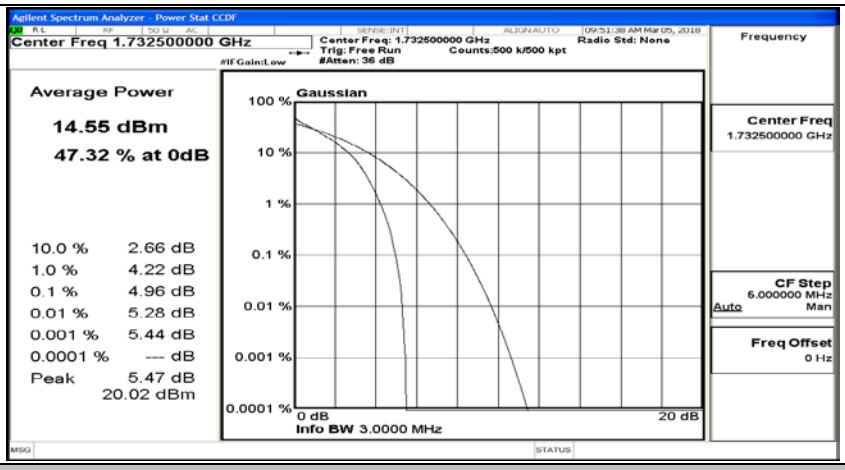

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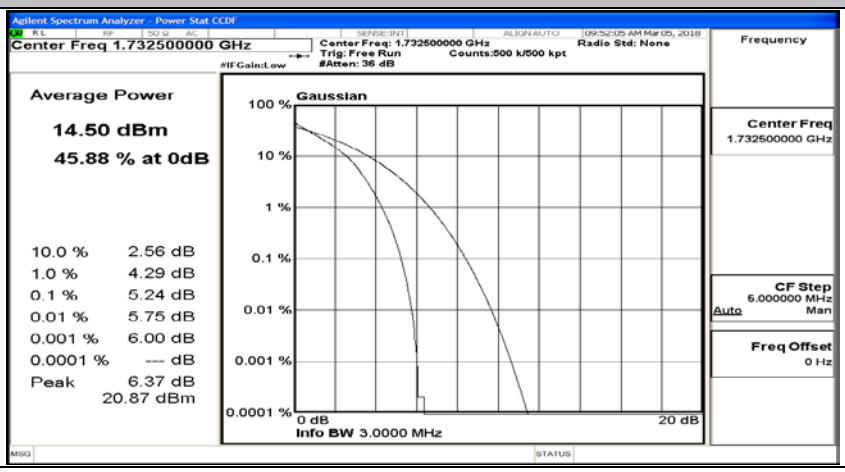

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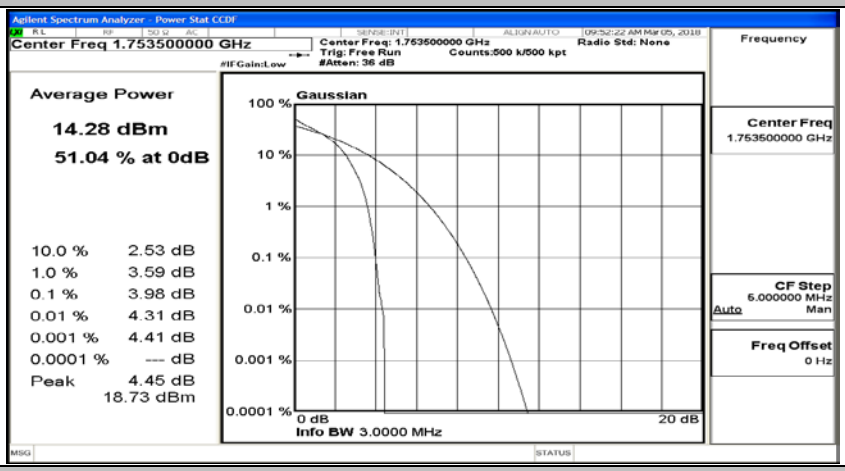
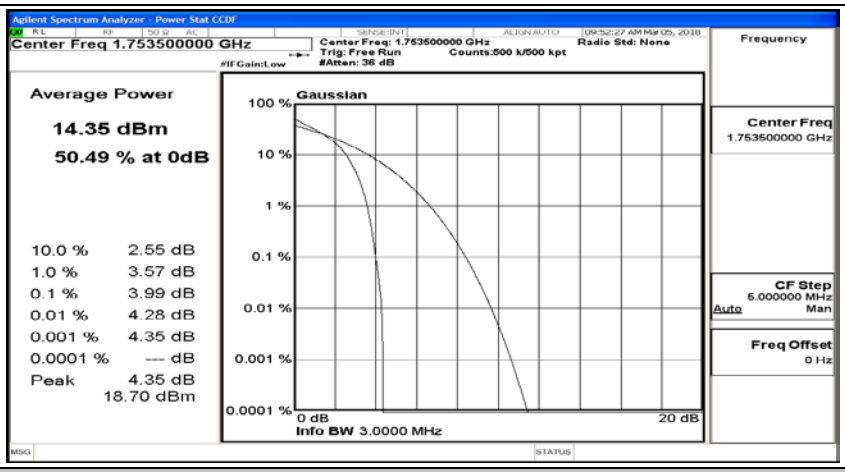


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



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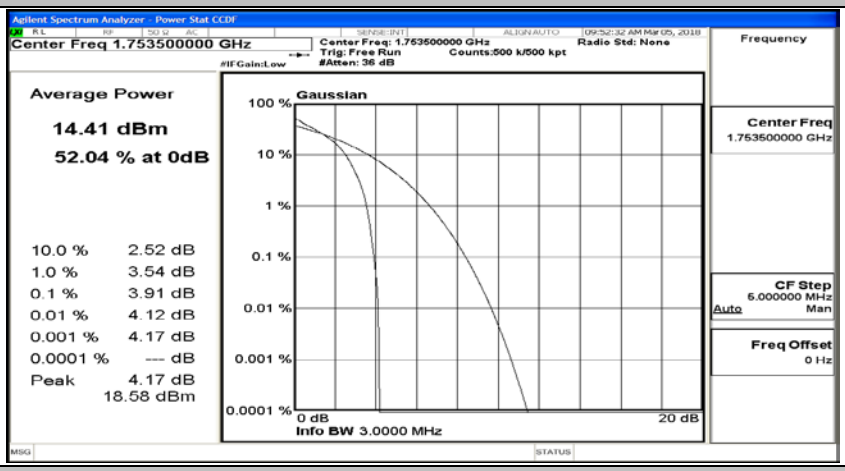

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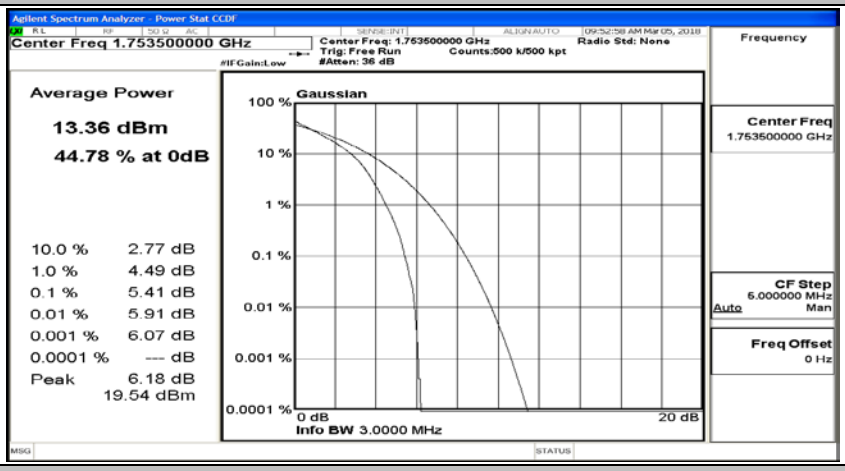

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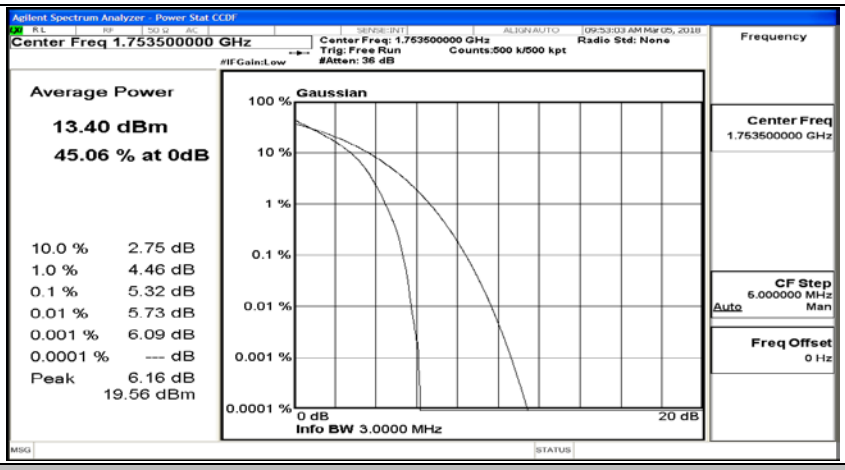

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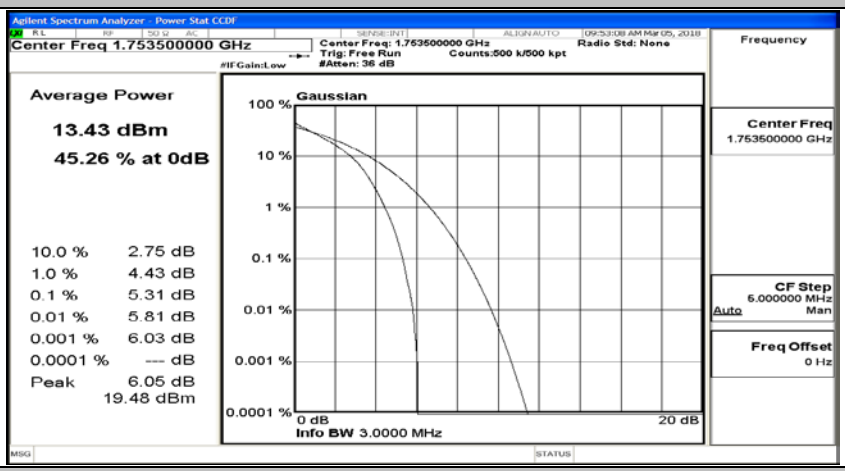

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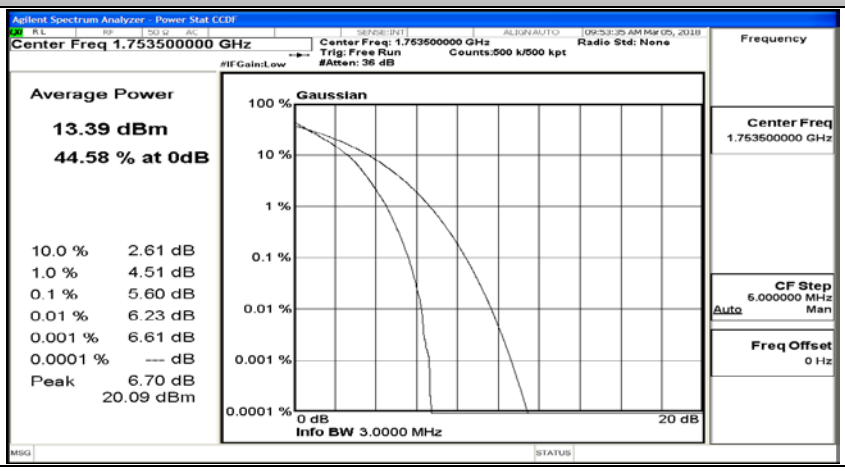
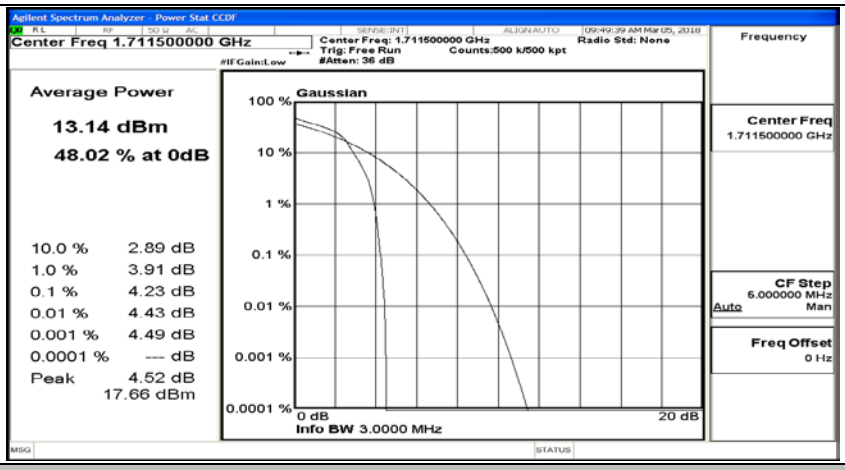
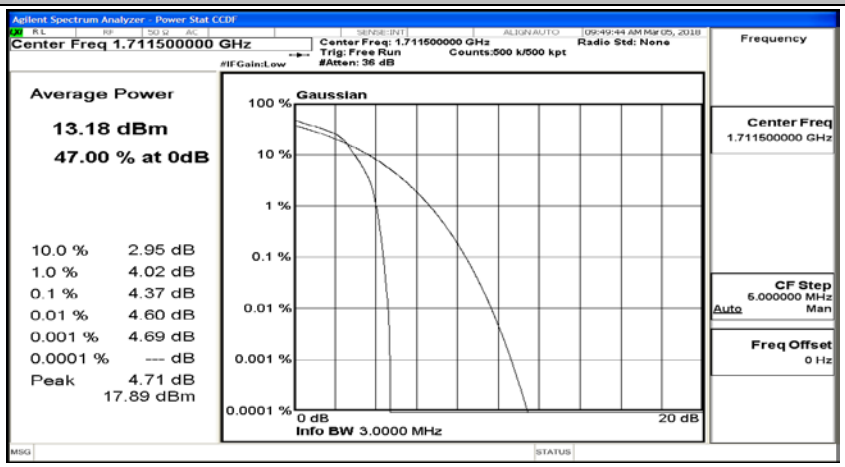


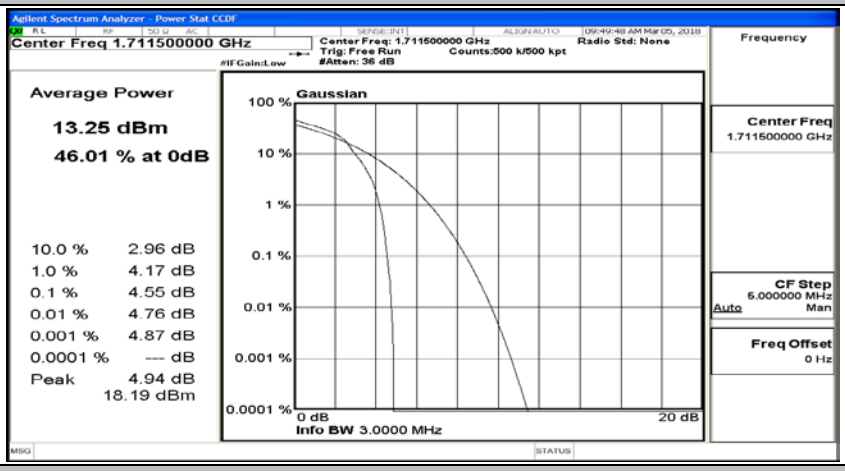
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



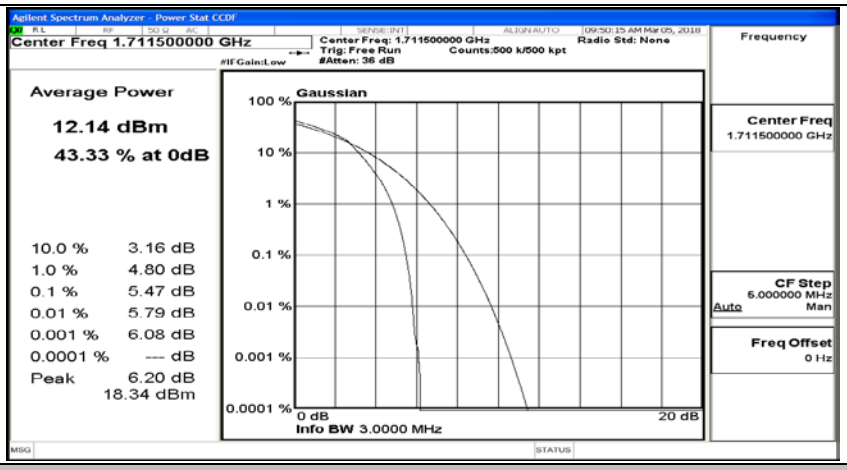
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



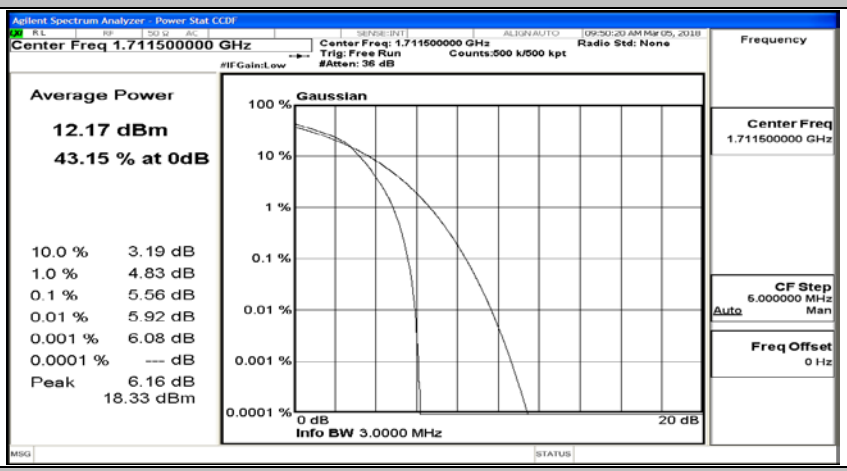
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



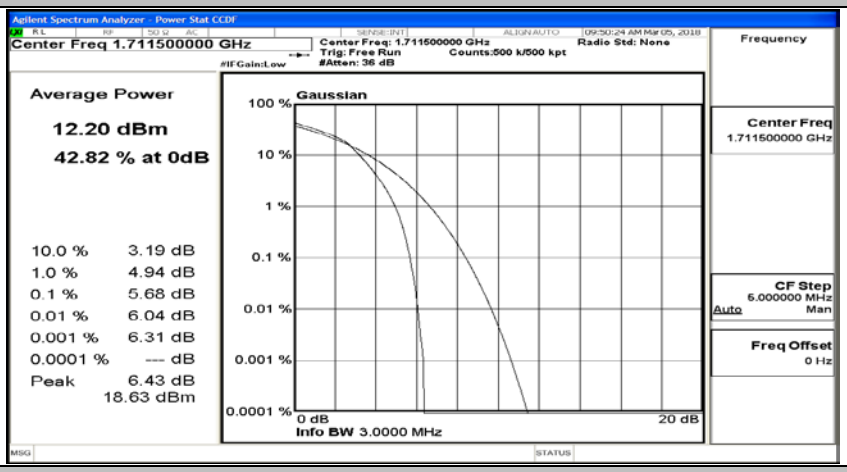
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



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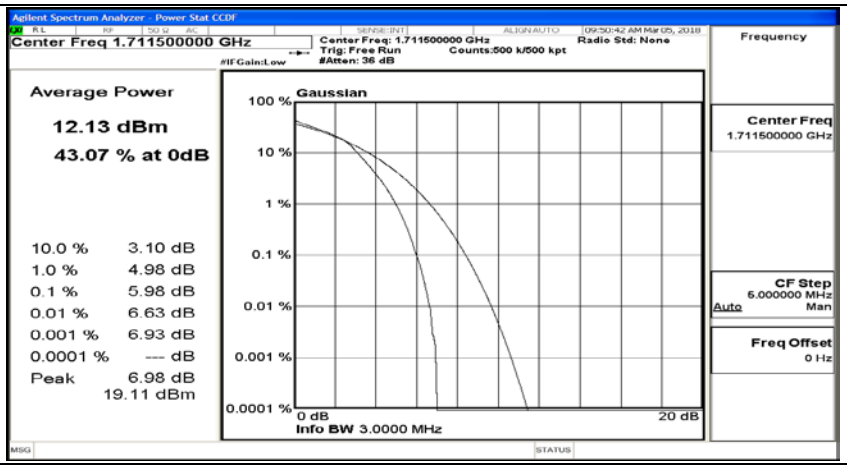
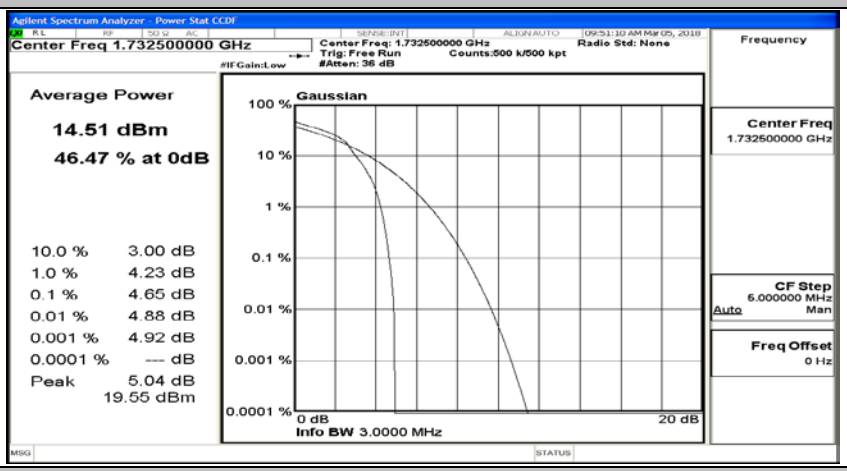
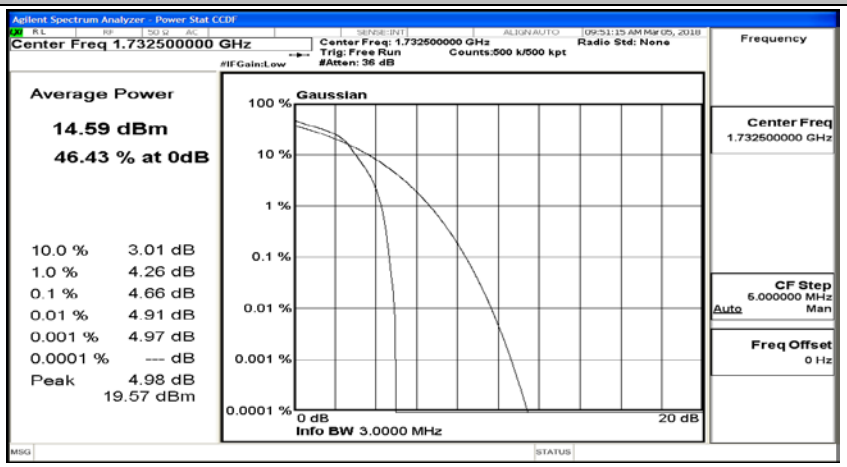


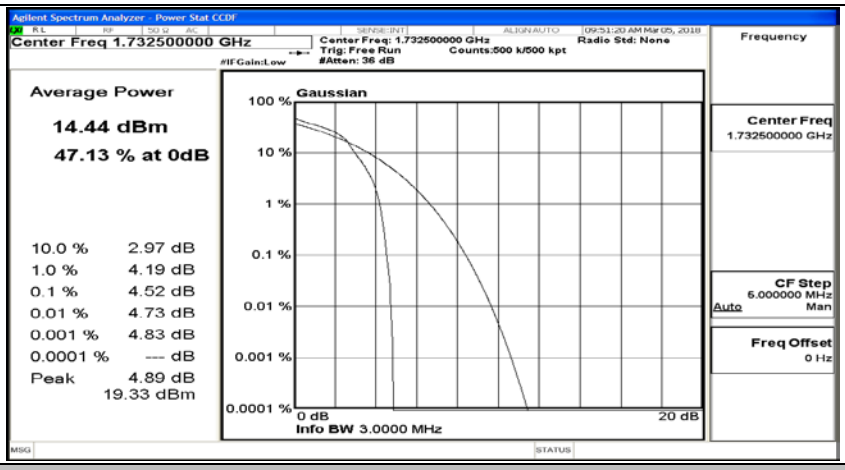
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



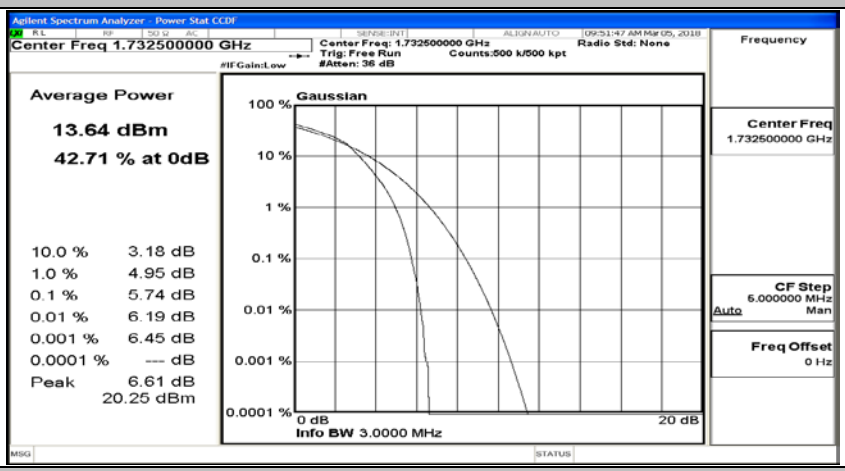
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



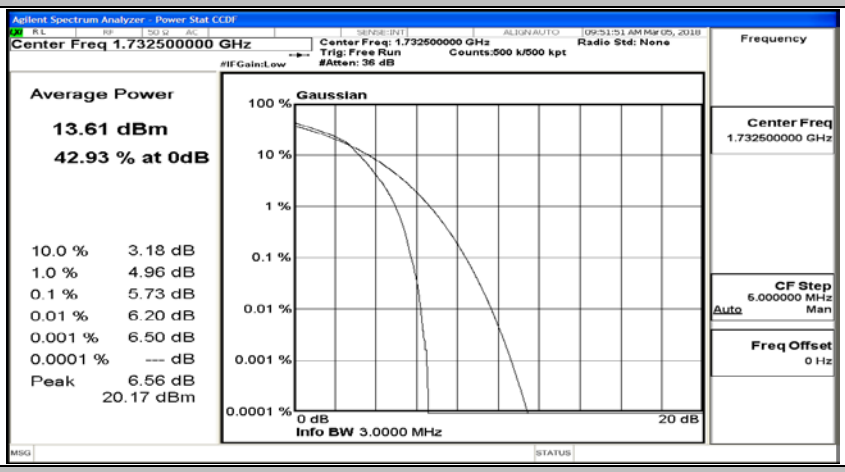
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



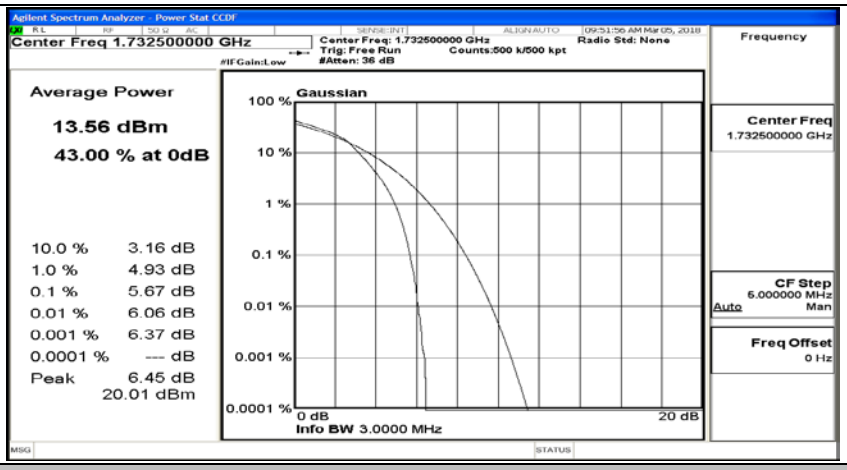
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



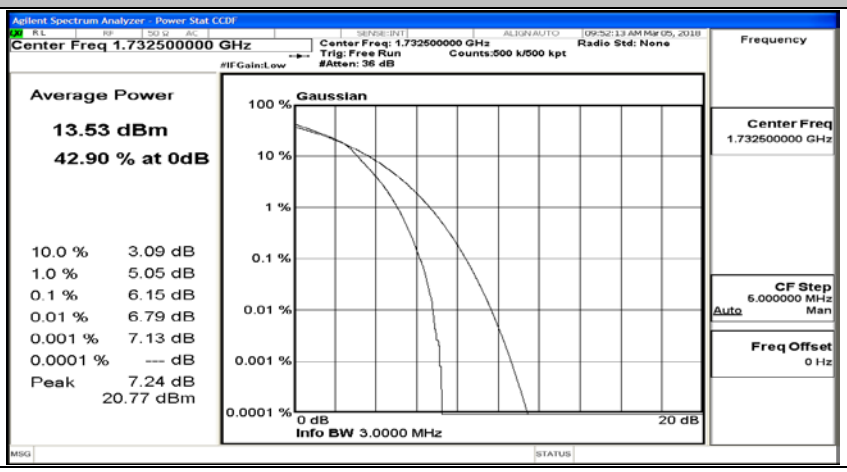
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4



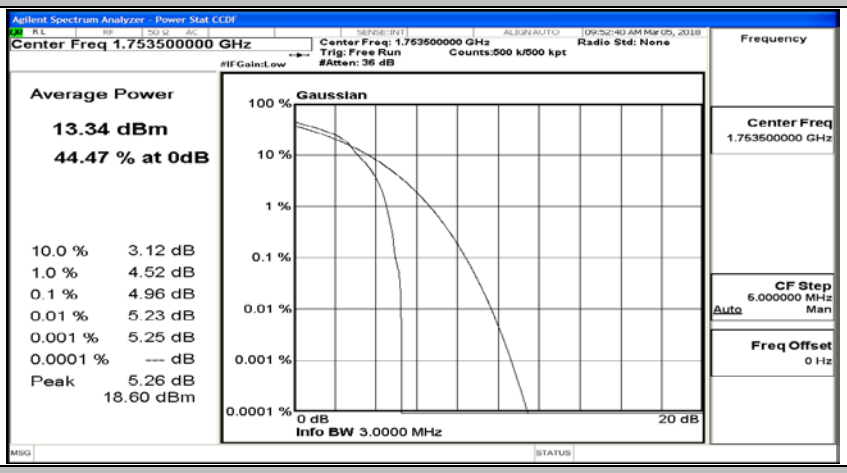
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



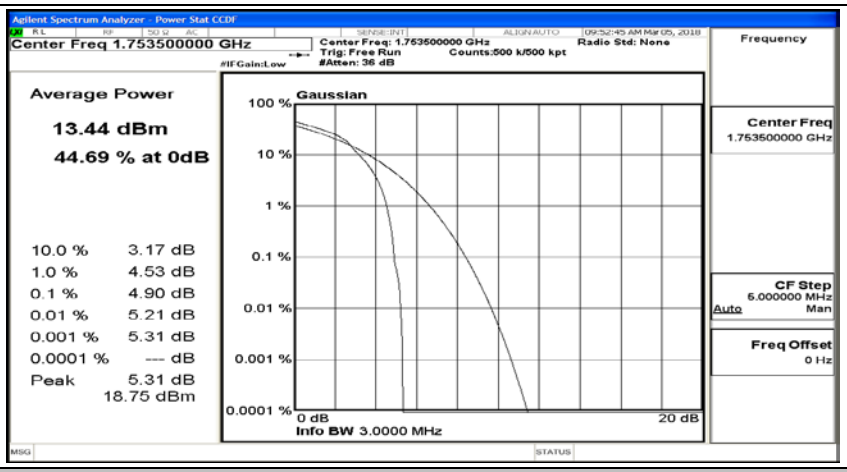
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



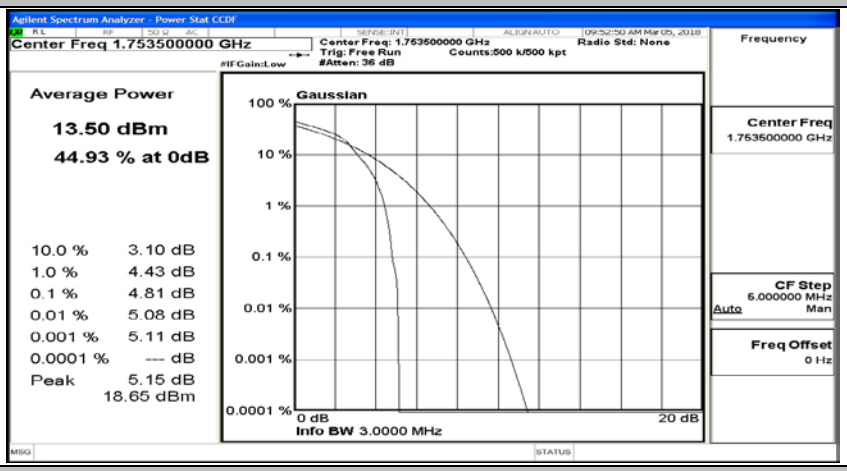
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



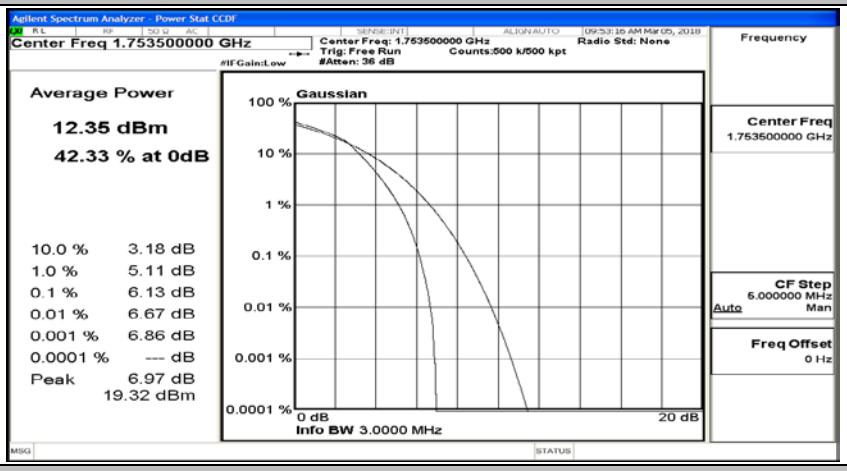
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



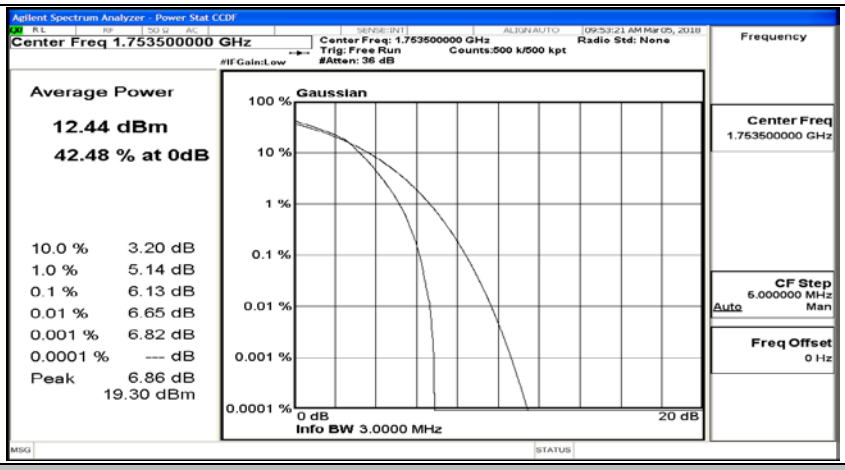
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



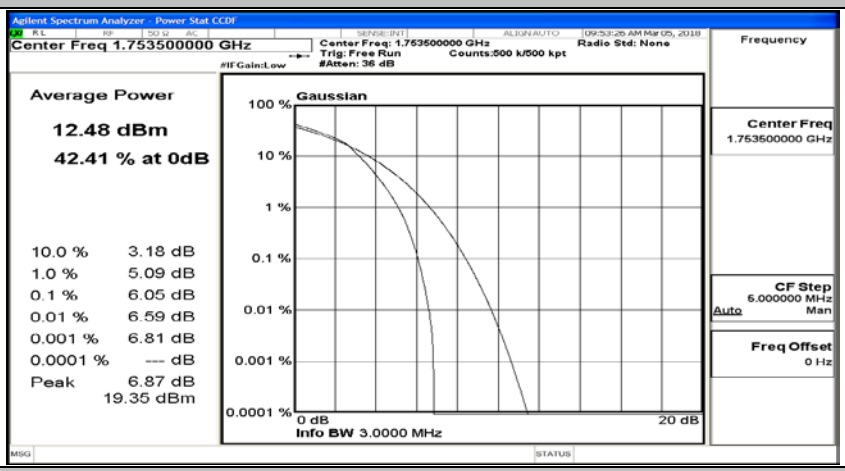
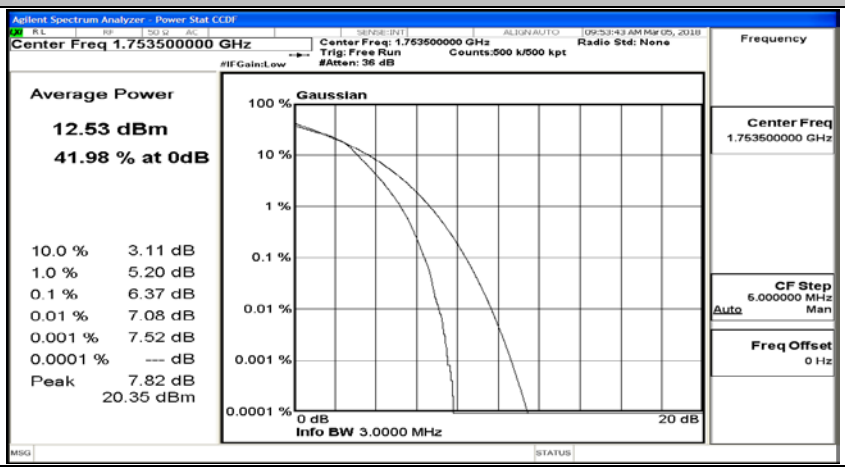
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7



(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0