

B.2: Peak-to-Average Ratio

Channel Bandwidth 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.45	<13	PASS
		1	3	5.18	<13	PASS
		1	5	5.29	<13	PASS
		3	0	5.51	<13	PASS
		3	2	5.47	<13	PASS
		3	3	5.47	<13	PASS
		6	0	5.84	<13	PASS
	MCH	1	0	4.51	<13	PASS
		1	3	4.48	<13	PASS
		1	5	4.39	<13	PASS
		3	0	4.65	<13	PASS
		3	2	4.7	<13	PASS
		3	3	4.67	<13	PASS
		6	0	5.31	<13	PASS
	HCH	1	0	4.63	<13	PASS
		1	3	4.56	<13	PASS
		1	5	4.5	<13	PASS
		3	0	4.87	<13	PASS
		3	2	4.81	<13	PASS
		3	3	4.81	<13	PASS
		6	0	5.51	<13	PASS
16QAM	LCH	1	0	6.11	<13	PASS
		1	3	6.09	<13	PASS
		1	5	6.11	<13	PASS
		3	0	6.36	<13	PASS
		3	2	6.25	<13	PASS
		3	3	6.48	<13	PASS
		6	0	6.97	<13	PASS
	MCH	1	0	5.33	<13	PASS
		1	3	5.35	<13	PASS
		1	5	5.42	<13	PASS
		3	0	5.59	<13	PASS
		3	2	5.53	<13	PASS
		3	3	5.53	<13	PASS
		6	0	6.37	<13	PASS
	HCH	1	0	5.4	<13	PASS
		1	3	5.35	<13	PASS
		1	5	5.35	<13	PASS
		3	0	5.6	<13	PASS

		3	2	5.6	<13	PASS
		3	3	5.5	<13	PASS
		6	0	6.39	<13	PASS

Channel Bandwidth 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.23	<13	PASS
		1	7	5.23	<13	PASS
		1	14	5.38	<13	PASS
		8	0	5.88	<13	PASS
		8	4	5.88	<13	PASS
		8	7	5.9	<13	PASS
		15	0	5.91	<13	PASS
	MCH	1	0	4.6	<13	PASS
		1	7	4.49	<13	PASS
		1	14	4.58	<13	PASS
		8	0	5.42	<13	PASS
		8	4	5.33	<13	PASS
		8	7	5.32	<13	PASS
		15	0	5.33	<13	PASS
	HCH	1	0	4.78	<13	PASS
		1	7	4.48	<13	PASS
		1	14	4.4	<13	PASS
		8	0	5.64	<13	PASS
		8	4	5.49	<13	PASS
		8	7	5.5	<13	PASS
		15	0	5.64	<13	PASS
16QAM	LCH	1	0	6.12	<13	PASS
		1	7	6.09	<13	PASS
		1	14	6.06	<13	PASS
		8	0	6.52	<13	PASS
		8	4	6.56	<13	PASS
		8	7	6.61	<13	PASS
		15	0	6.76	<13	PASS
	MCH	1	0	5.42	<13	PASS
		1	7	5.41	<13	PASS
		1	14	5.42	<13	PASS
		8	0	6.08	<13	PASS
		8	4	6.04	<13	PASS
		8	7	5.96	<13	PASS
		15	0	6.21	<13	PASS
	HCH	1	0	5.56	<13	PASS
		1	7	5.38	<13	PASS

		1	14	5.3	<13	PASS
		8	0	6.36	<13	PASS
		8	4	6.24	<13	PASS
		8	7	6.33	<13	PASS
		15	0	6.48	<13	PASS

Channel Bandwidth 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.1	<13	PASS
		1	12	5.1	<13	PASS
		1	24	5.17	<13	PASS
		12	0	5.9	<13	PASS
		12	6	5.8	<13	PASS
		12	13	5.95	<13	PASS
		25	0	5.95	<13	PASS
	MCH	1	0	4.43	<13	PASS
		1	12	4.35	<13	PASS
		1	24	4.41	<13	PASS
		12	0	5.33	<13	PASS
		12	6	5.39	<13	PASS
		12	13	5.37	<13	PASS
		25	0	5.31	<13	PASS
	HCH	1	0	5.05	<13	PASS
		1	12	4.68	<13	PASS
		1	24	4.64	<13	PASS
		12	0	5.86	<13	PASS
		12	6	5.68	<13	PASS
		12	13	5.56	<13	PASS
		25	0	5.67	<13	PASS
16QAM	LCH	1	0	5.97	<13	PASS
		1	12	5.87	<13	PASS
		1	24	5.92	<13	PASS
		12	0	6.66	<13	PASS
		12	6	6.82	<13	PASS
		12	13	6.78	<13	PASS
		25	0	6.75	<13	PASS
	MCH	1	0	5.25	<13	PASS
		1	12	5.1	<13	PASS
		1	24	5.37	<13	PASS
		12	0	6.2	<13	PASS
		12	6	6.11	<13	PASS
		12	13	6.02	<13	PASS
		25	0	6.04	<13	PASS

	HCH	1	0	5.55	<13	PASS
		1	12	5.37	<13	PASS
		1	24	5.26	<13	PASS
		12	0	6.77	<13	PASS
		12	6	6.65	<13	PASS
		12	13	6.59	<13	PASS
		25	0	6.51	<13	PASS

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.32	<13	PASS
		1	24	5.29	<13	PASS
		1	49	4.97	<13	PASS
		25	0	5.99	<13	PASS
		25	12	5.98	<13	PASS
		25	25	5.87	<13	PASS
		50	0	6.01	<13	PASS
	MCH	1	0	4.55	<13	PASS
		1	24	4.54	<13	PASS
		1	49	4.7	<13	PASS
		25	0	5.33	<13	PASS
		25	12	5.38	<13	PASS
		25	25	5.48	<13	PASS
		50	0	5.38	<13	PASS
	HCH	1	0	5.12	<13	PASS
		1	24	4.89	<13	PASS
		1	49	4.44	<13	PASS
		25	0	5.96	<13	PASS
		25	12	5.87	<13	PASS
		25	25	5.78	<13	PASS
		50	0	5.88	<13	PASS
16QAM	LCH	1	0	5.94	<13	PASS
		1	24	6.29	<13	PASS
		1	49	5.61	<13	PASS
		25	0	6.72	<13	PASS
		25	12	6.81	<13	PASS
		25	25	6.8	<13	PASS
		50	0	6.71	<13	PASS
	MCH	1	0	5.48	<13	PASS
		1	24	5.54	<13	PASS
		1	49	5.48	<13	PASS
		25	0	6.2	<13	PASS
		25	12	6.24	<13	PASS

		25	25	6.16	<13	PASS
		50	0	6.13	<13	PASS
	HCH	1	0	5.83	<13	PASS
		1	24	5.66	<13	PASS
		1	49	5.26	<13	PASS
		25	0	6.76	<13	PASS
		25	12	6.71	<13	PASS
		25	25	6.58	<13	PASS
		50	0	6.68	<13	PASS

Channel Bandwidth 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.15	<13	PASS
		1	37	4.91	<13	PASS
		1	74	4.58	<13	PASS
		37	0	5.89	<13	PASS
		37	18	5.87	<13	PASS
		37	38	5.68	<13	PASS
		75	0	6.18	<13	PASS
	MCH	1	0	4.5	<13	PASS
		1	37	4.37	<13	PASS
		1	74	4.66	<13	PASS
		37	0	5.34	<13	PASS
		37	18	5.32	<13	PASS
		37	38	5.41	<13	PASS
		75	0	5.74	<13	PASS
	HCH	1	0	4.86	<13	PASS
		1	37	5.15	<13	PASS
		1	74	4.5	<13	PASS
		37	0	5.86	<13	PASS
		37	18	5.94	<13	PASS
		37	38	5.76	<13	PASS
		75	0	6.16	<13	PASS
16QAM	LCH	1	0	5.82	<13	PASS
		1	37	5.96	<13	PASS
		1	74	5.43	<13	PASS
		37	0	6.78	<13	PASS
		37	18	6.69	<13	PASS
		37	38	6.52	<13	PASS
		75	0	6.77	<13	PASS
	MCH	1	0	5.42	<13	PASS
		1	37	5.28	<13	PASS
		1	74	5.37	<13	PASS

		37	0	6.2	<13	PASS
		37	18	6.18	<13	PASS
		37	38	6.25	<13	PASS
		75	0	6.35	<13	PASS
	HCH	1	0	5.79	<13	PASS
		1	37	6.11	<13	PASS
		1	74	5.43	<13	PASS
		37	0	6.74	<13	PASS
		37	18	6.8	<13	PASS
		37	38	6.62	<13	PASS
		75	0	6.74	<13	PASS

Channel Bandwidth 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.1	<13	PASS
		1	49	4.74	<13	PASS
		1	99	4.46	<13	PASS
		50	0	5.98	<13	PASS
		50	25	5.78	<13	PASS
		50	50	5.53	<13	PASS
		100	0	5.84	<13	PASS
	MCH	1	0	4.5	<13	PASS
		1	49	4.39	<13	PASS
		1	99	4.77	<13	PASS
		50	0	5.45	<13	PASS
		50	25	5.38	<13	PASS
		50	50	5.53	<13	PASS
		100	0	5.55	<13	PASS
	HCH	1	0	4.64	<13	PASS
		1	49	5.21	<13	PASS
		1	99	4.66	<13	PASS
		50	0	5.71	<13	PASS
		50	25	5.97	<13	PASS
		50	50	5.83	<13	PASS
		100	0	5.87	<13	PASS
16QAM	LCH	1	0	5.86	<13	PASS
		1	49	5.52	<13	PASS
		1	99	5.32	<13	PASS
		50	0	6.78	<13	PASS
		50	25	6.6	<13	PASS
		50	50	6.33	<13	PASS
		100	0	6.59	<13	PASS
	MCH	1	0	5.36	<13	PASS

		1	49	5.28	<13	PASS
		1	99	5.74	<13	PASS
		50	0	6.21	<13	PASS
		50	25	6.17	<13	PASS
		50	50	6.32	<13	PASS
		100	0	6.34	<13	PASS
	HCH	1	0	5.35	<13	PASS
		1	49	5.93	<13	PASS
		1	99	5.31	<13	PASS
		50	0	6.49	<13	PASS
		50	25	6.69	<13	PASS
		50	50	6.59	<13	PASS
		100	0	6.6	<13	PASS

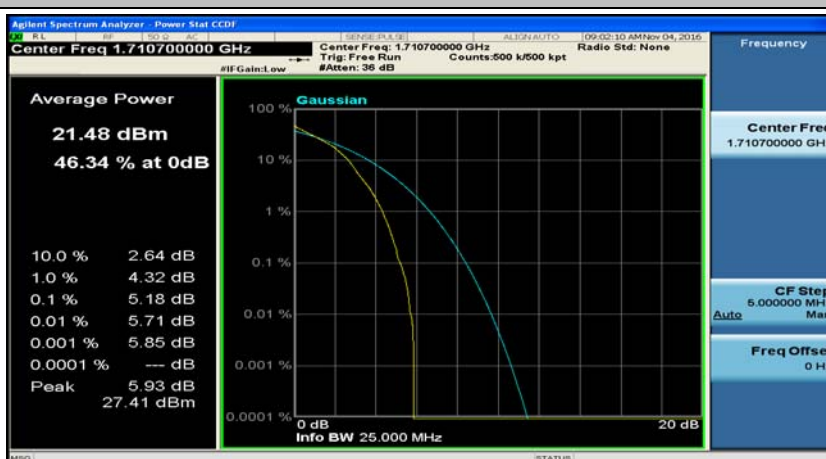
Test Graphs

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



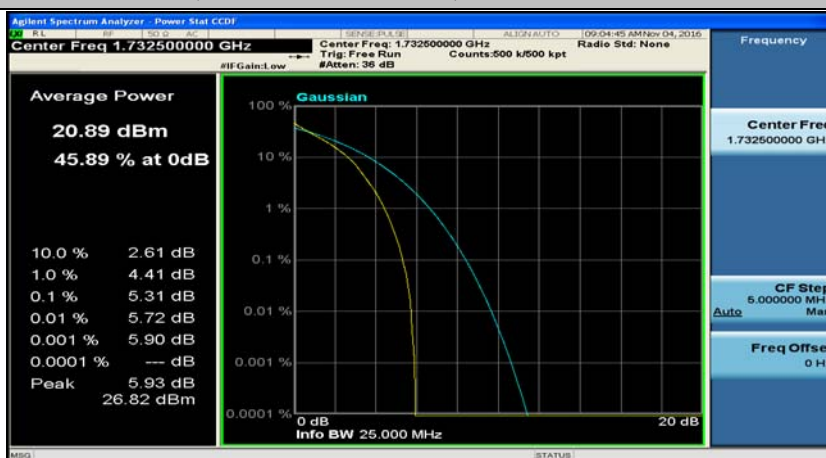
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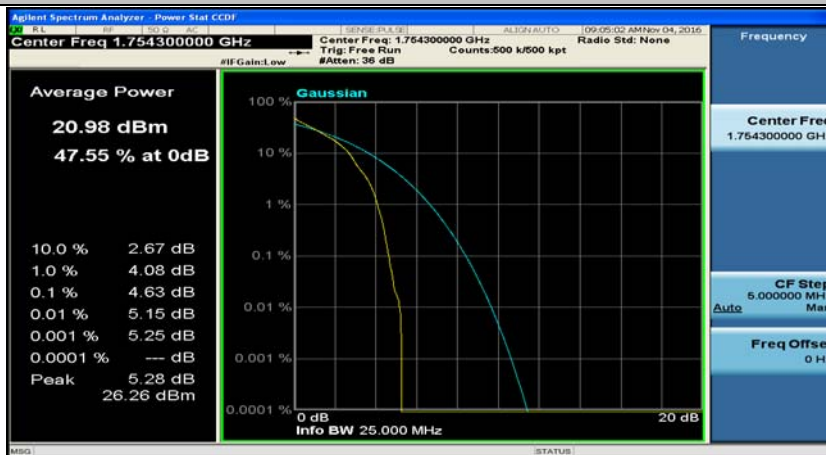
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



(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



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



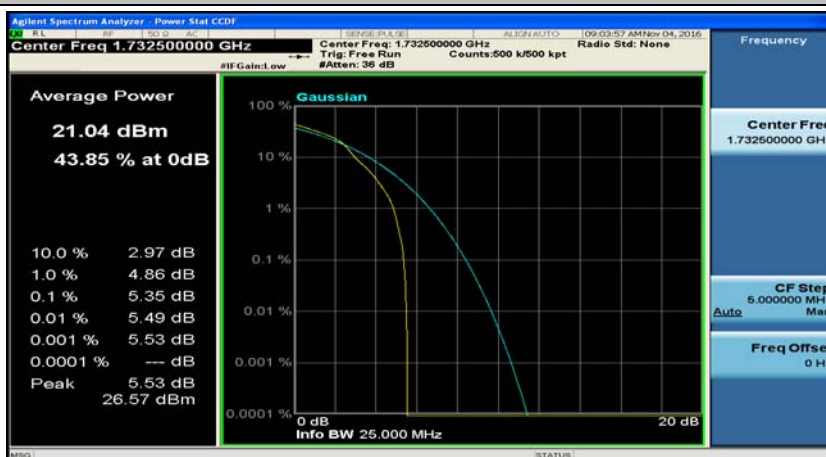
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(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



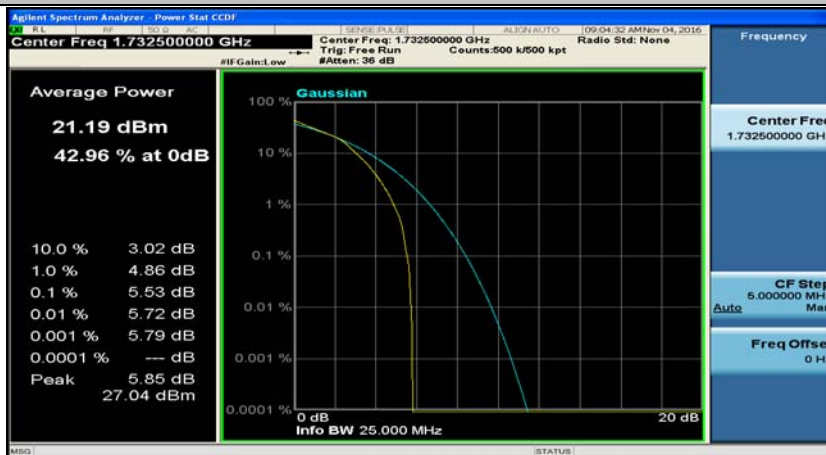
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



(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



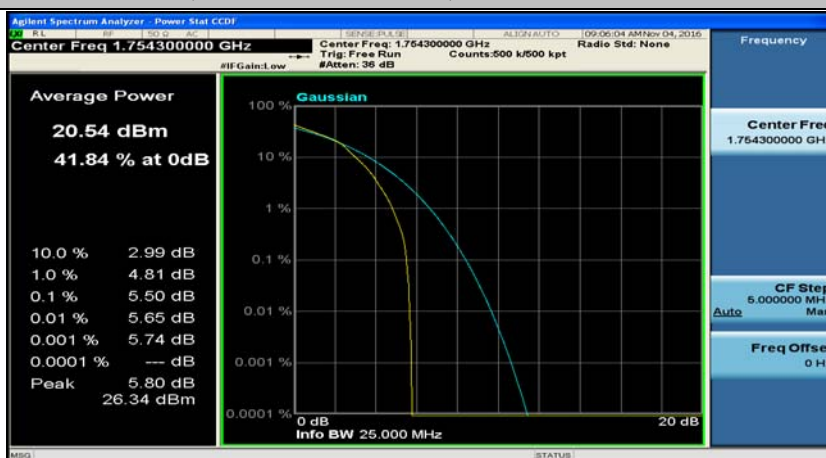
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(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

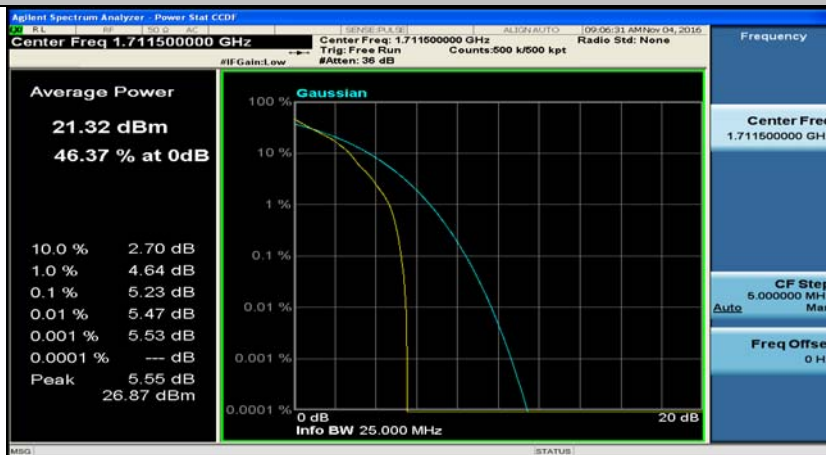


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



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



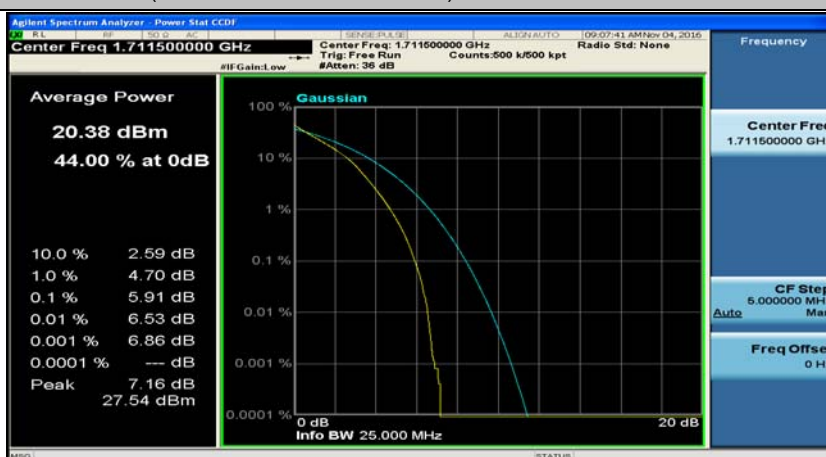
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



(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



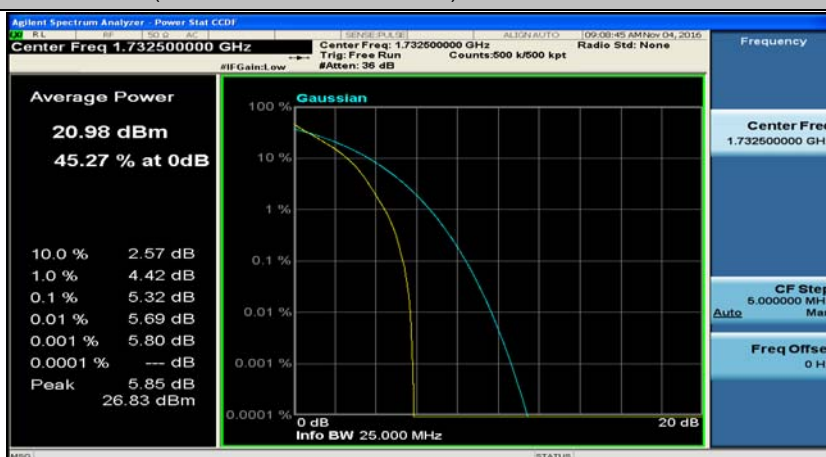
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



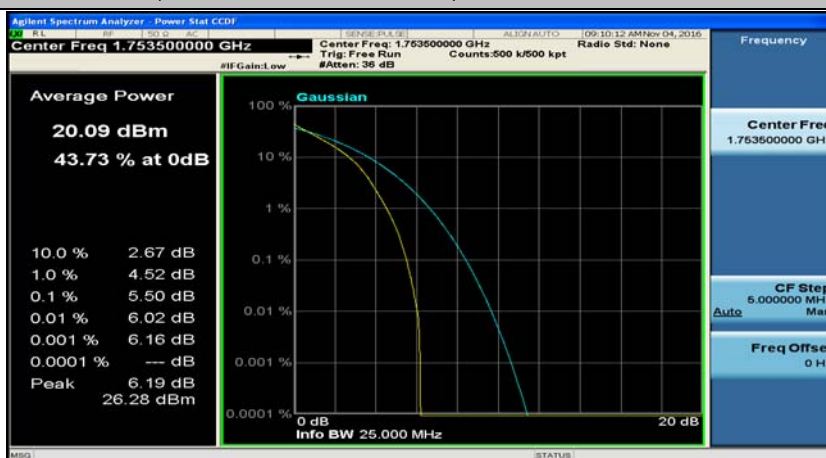
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



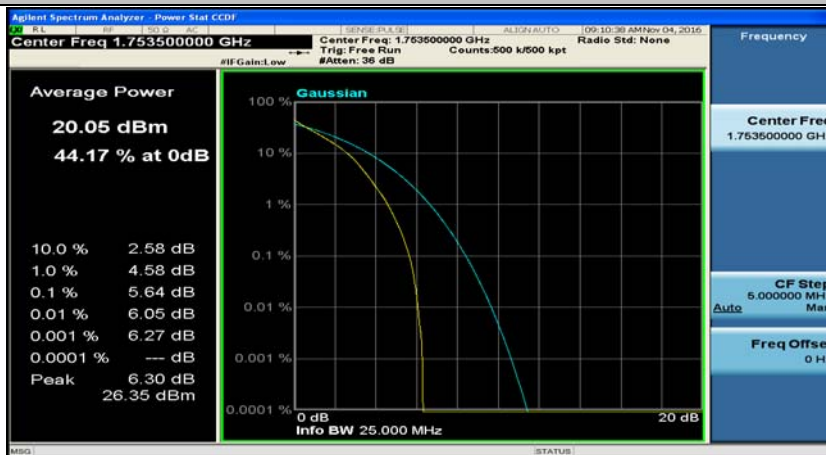
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



(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



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



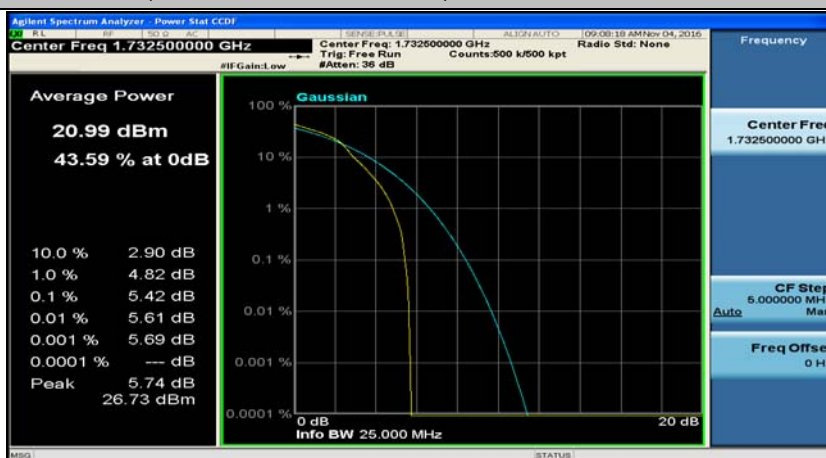
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



(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



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4



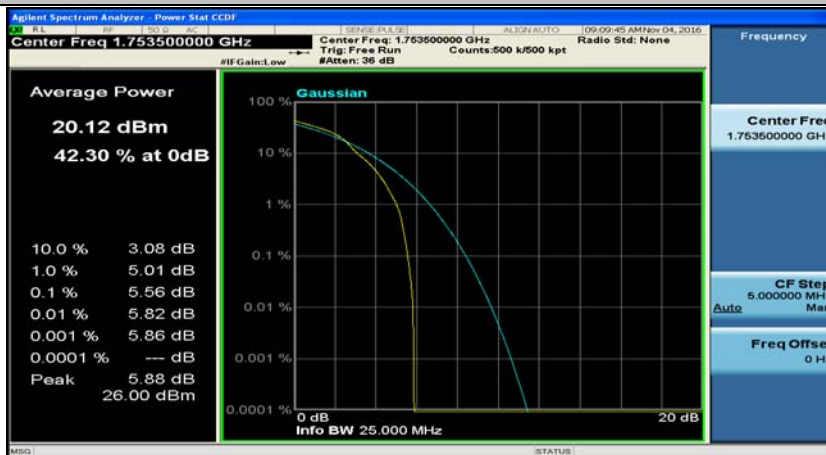
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



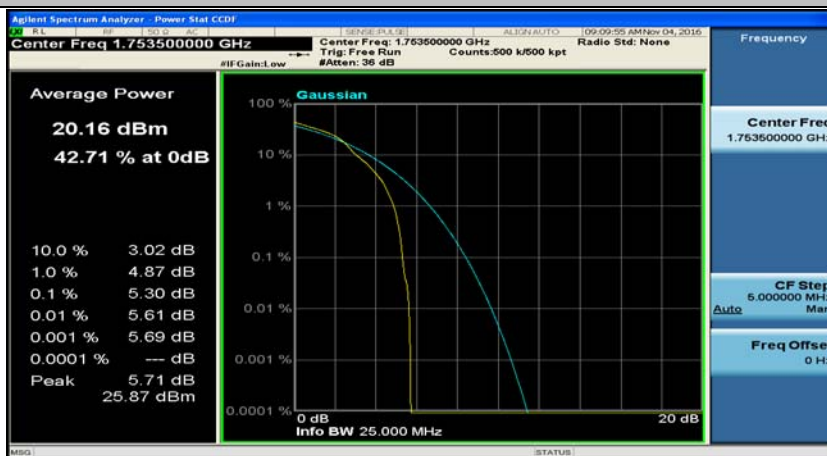
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(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



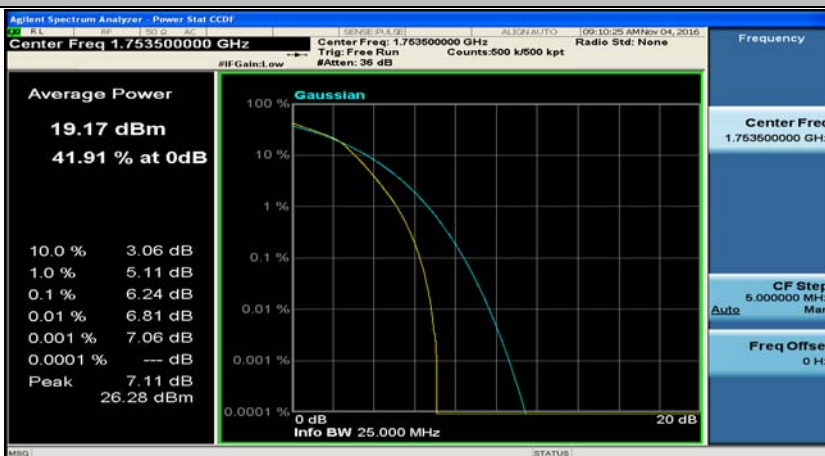
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7

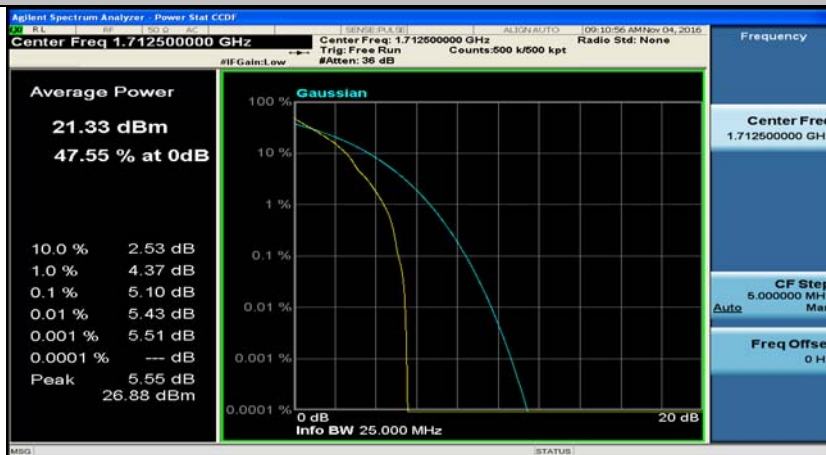


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



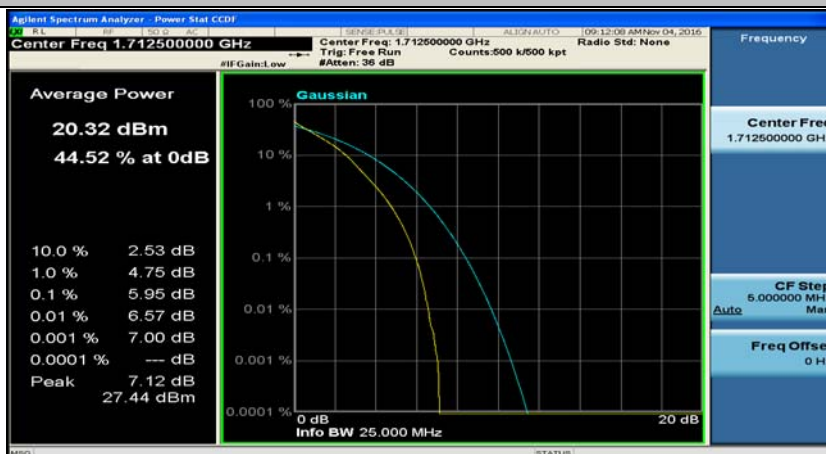
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



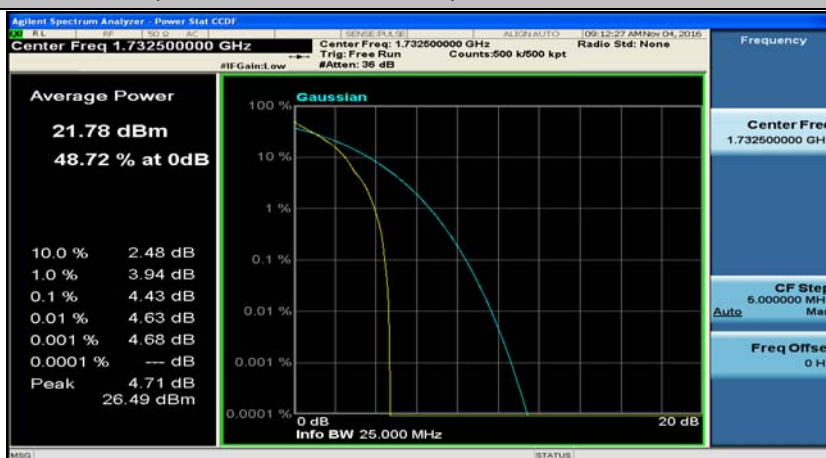
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



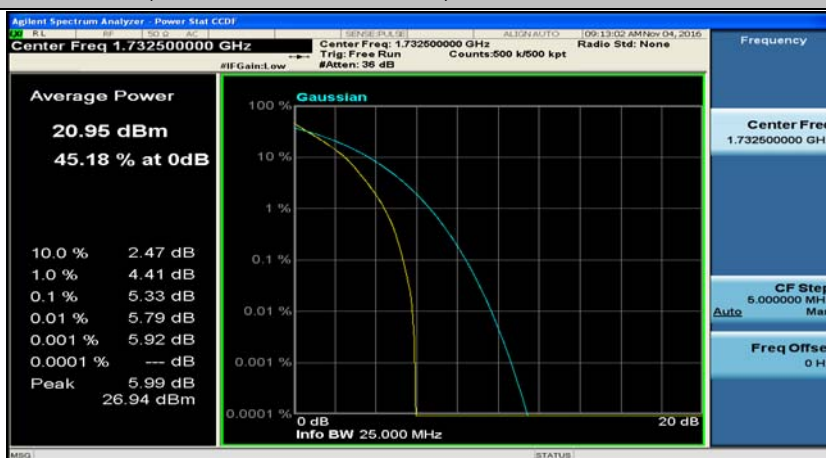
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



(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



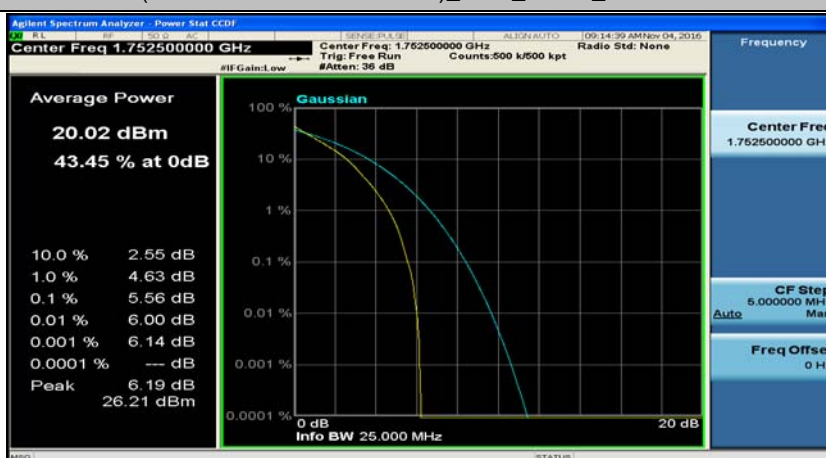
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



(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



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(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



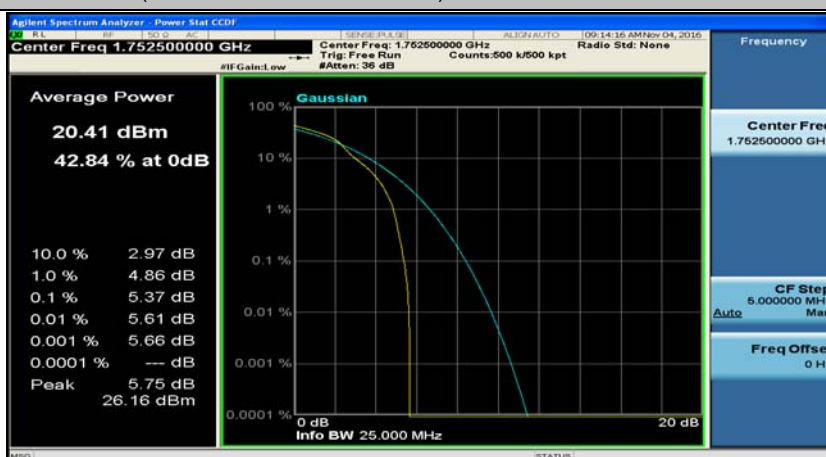
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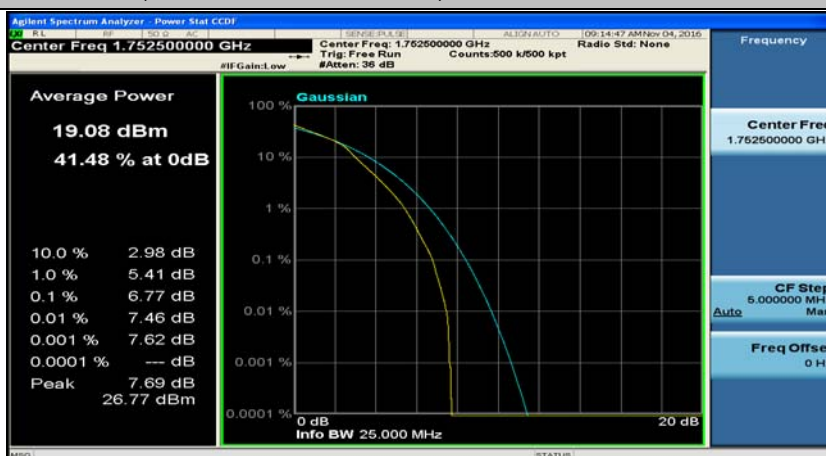
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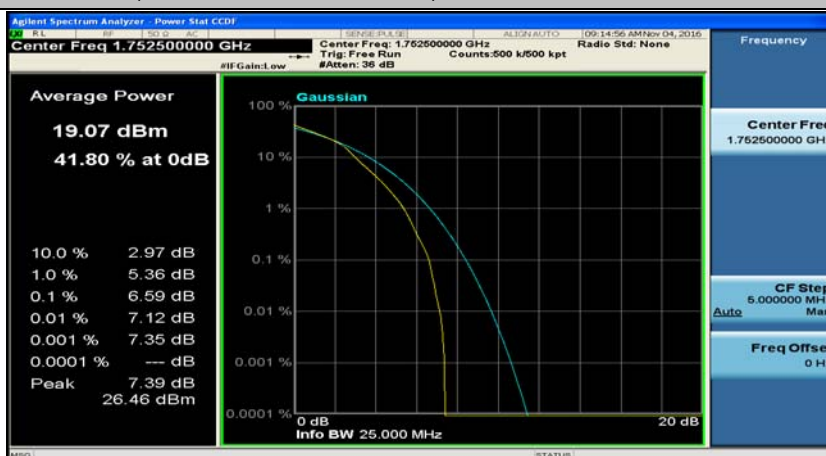
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

