C.2: Peak-to-Average Ratio

Channel Bandwidth 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.04	<13	PASS
		1	12	4.15	<13	PASS
		1	24	4.53	<13	PASS
		12	0	5.06	<13	PASS
		12	6	5.15	<13	PASS
		12	13	5.21	<13	PASS
		25	0	5.2	<13	PASS
	MCH	1	0	4.77	<13	PASS
		1	12	4.87	<13	PASS
		1	24	5.04	<13	PASS
		12	0	5.4	<13	PASS
		12	6	5.48	<13	PASS
		12	13	5.5	<13	PASS
		25	0	5.48	<13	PASS
	HCH	1	0	4.94	<13	PASS
		1	12	4.57	<13	PASS
		1	24	4.49	<13	PASS
		12	0	5.49	<13	PASS
		12	6	5.46	<13	PASS
		12	13	5.38	<13	PASS
		25	0	5.44	<13	PASS
16QAM	LCH	1	0	4.98	<13	PASS
		1	12	5.2	<13	PASS
		1	24	5.49	<13	PASS
		12	0	5.95	<13	PASS
		12	6	6.09	<13	PASS
		12	13	6.05	<13	PASS
		25	0	6.05	<13	PASS
	MCH	1	0	5.36	<13	PASS
		1	12	5.48	<13	PASS
		1	24	5.73	<13	PASS
		12	0	6.31	<13	PASS
		12	6	6.4	<13	PASS
		12	13	6.49	<13	PASS
		25	0	6.3	<13	PASS
	HCH	1	0	5.79	<13	PASS
		1	12	5.84	<13	PASS
		1	24	5.45	<13	PASS

		12	0	6.31	<13	PASS
		12	6	6.26	<13	PASS
		12	13	6.21	<13	PASS
		25	0	6.28	<13	PASS

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.06	<13	PASS
		1	24	4.5	<13	PASS
		1	49	4.59	<13	PASS
		25	0	5.27	<13	PASS
		25	12	5.32	<13	PASS
		25	25	5.32	<13	PASS
		50	0	5.32	<13	PASS
	MCH	1	0	4.48	<13	PASS
		1	24	4.8	<13	PASS
		1	49	4.94	<13	PASS
		25	0	5.33	<13	PASS
		25	12	5.49	<13	PASS
		25	25	5.67	<13	PASS
		50	0	5.52	<13	PASS
	HCH	1	0	4.36	<13	PASS
		1	24	4.54	<13	PASS
		1	49	4.14	<13	PASS
		25	0	5.35	<13	PASS
		25	12	5.43	<13	PASS
		25	25	5.5	<13	PASS
		50	0	5.41	<13	PASS
16QAM	LCH	1	0	5.08	<13	PASS
		1	24	5.56	<13	PASS
		1	49	5.58	<13	PASS
		25	0	6.18	<13	PASS
		25	12	6.25	<13	PASS
		25	25	6.19	<13	PASS
		50	0	6.11	<13	PASS
	MCH	1	0	5.32	<13	PASS
		1	24	5.69	<13	PASS
		1	49	6.12	<13	PASS
		25	0	6.2	<13	PASS
		25	12	6.39	<13	PASS
		25	25	6.47	<13	PASS
		50	0	6.22	<13	PASS
	HCH	1	0	5.19	<13	PASS

		1	24	5.32	<13	PASS
		1	49	5.19	<13	PASS
		25	0	6.13	<13	PASS
		25	12	6.38	<13	PASS
		25	25	6.45	<13	PASS
		50	0	6.23	<13	PASS

Channel Bandwidth 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	4.12	<13	PASS
		1	37	4.53	<13	PASS
		1	74	4.22	<13	PASS
		37	0	5.34	<13	PASS
		37	18	5.33	<13	PASS
		37	38	5.09	<13	PASS
		75	0	5.48	<13	PASS
	MCH	1	0	4.2	<13	PASS
		1	37	4.85	<13	PASS
		1	74	5.06	<13	PASS
		37	0	5.23	<13	PASS
		37	18	5.45	<13	PASS
		37	38	5.6	<13	PASS
		75	0	5.74	<13	PASS
	HCH	1	0	4.25	<13	PASS
		1	37	4.56	<13	PASS
		1	74	4.45	<13	PASS
		37	0	5.02	<13	PASS
		37	18	5.27	<13	PASS
		37	38	5.42	<13	PASS
		75	0	5.55	<13	PASS
16QAM	LCH	1	0	5.07	<13	PASS
		1	37	5.63	<13	PASS
		1	74	5.07	<13	PASS
		37	0	6.13	<13	PASS
		37	18	6.12	<13	PASS
		37	38	5.98	<13	PASS
		75	0	6.16	<13	PASS
	MCH	1	0	5.25	<13	PASS
		1	37	5.71	<13	PASS
		1	74	5.96	<13	PASS
		37	0	6.01	<13	PASS
		37	18	6.26	<13	PASS
		37	38	6.41	<13	PASS

		75	0	6.33	<13	PASS
	HCH	1	0	5.13	<13	PASS
		1	37	5.53	<13	PASS
		1	74	5.34	<13	PASS
		37	0	5.88	<13	PASS
		37	18	6.1	<13	PASS
		37	38	6.37	<13	PASS
		75	0	6.2	<13	PASS

Channel Bandwidth 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.11	<13	PASS
		1	49	4.42	<13	PASS
		1	99	3.91	<13	PASS
		50	0	5.4	<13	PASS
		50	25	5.18	<13	PASS
		50	50	4.95	<13	PASS
		100	0	5.25	<13	PASS
	MCH	1	0	3.94	<13	PASS
		1	49	4.7	<13	PASS
		1	99	4.75	<13	PASS
		50	0	5.15	<13	PASS
		50	25	5.52	<13	PASS
		50	50	5.56	<13	PASS
		100	0	5.53	<13	PASS
	HCH	1	0	4.33	<13	PASS
		1	49	4.51	<13	PASS
		1	99	4.63	<13	PASS
		50	0	4.99	<13	PASS
		50	25	5.18	<13	PASS
		50	50	5.44	<13	PASS
		100	0	5.44	<13	PASS
16QAM	LCH	1	0	5	<13	PASS
		1	49	5.26	<13	PASS
		1	99	4.58	<13	PASS
		50	0	6.23	<13	PASS
		50	25	6.02	<13	PASS
		50	50	5.79	<13	PASS
		100	0	6	<13	PASS
	MCH	1	0	4.82	<13	PASS
		1	49	5.3	<13	PASS
		1	99	5.64	<13	PASS
		50	0	5.99	<13	PASS

		50	25	6.29	<13	PASS
		50	50	6.33	<13	PASS
		100	0	6.28	<13	PASS
	HCH	1	0	5.11	<13	PASS
		1	49	5.22	<13	PASS
		1	99	5.32	<13	PASS
		50	0	5.79	<13	PASS
		50	25	5.97	<13	PASS
		50	50	6.26	<13	PASS
		100	0	6.15	<13	PASS

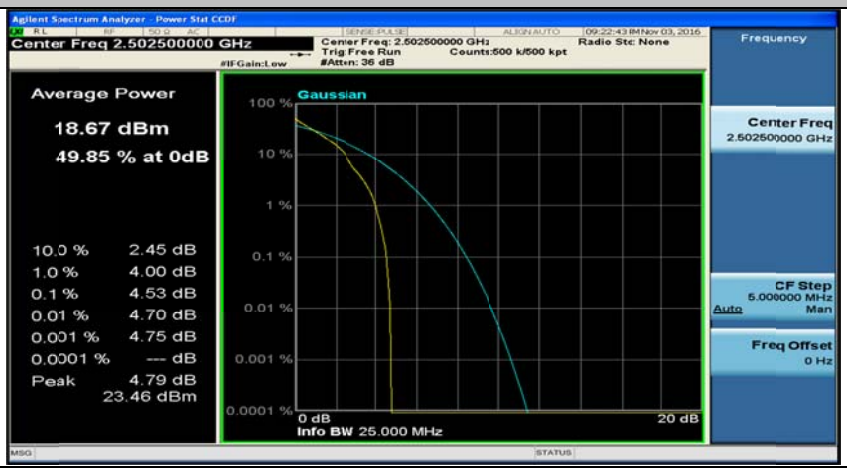
Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

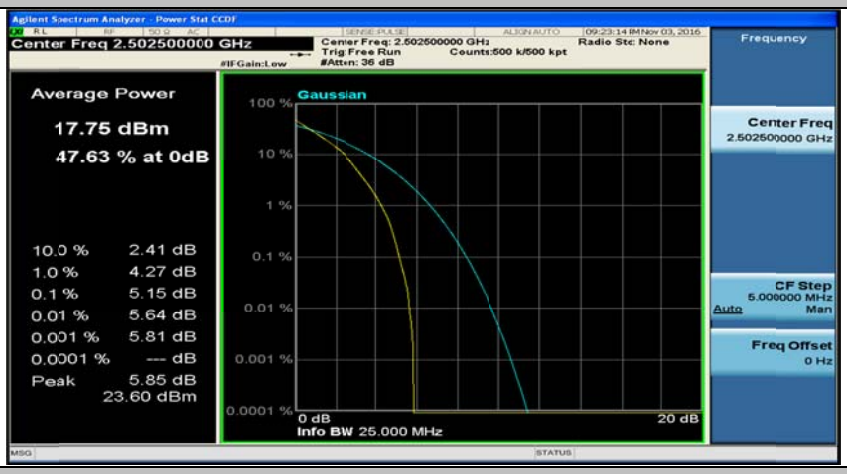
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24

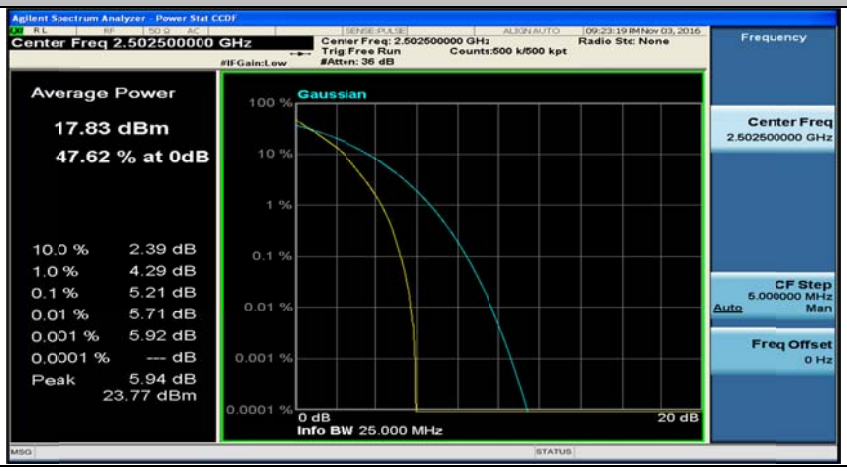


(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0

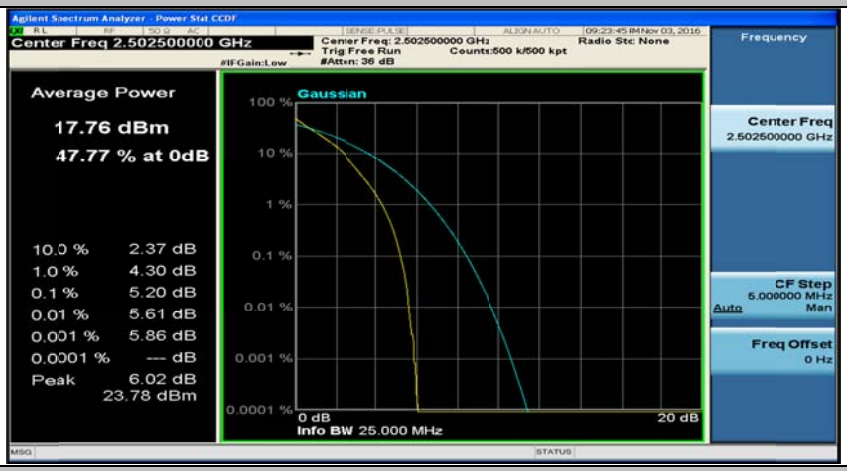
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



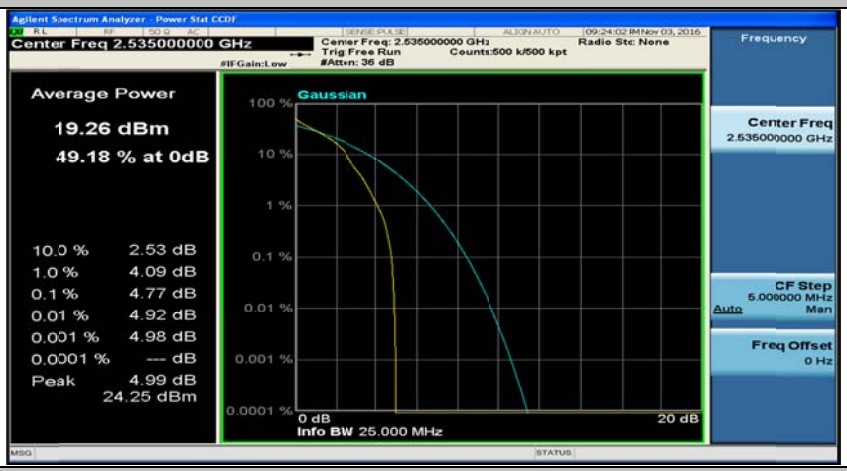
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0

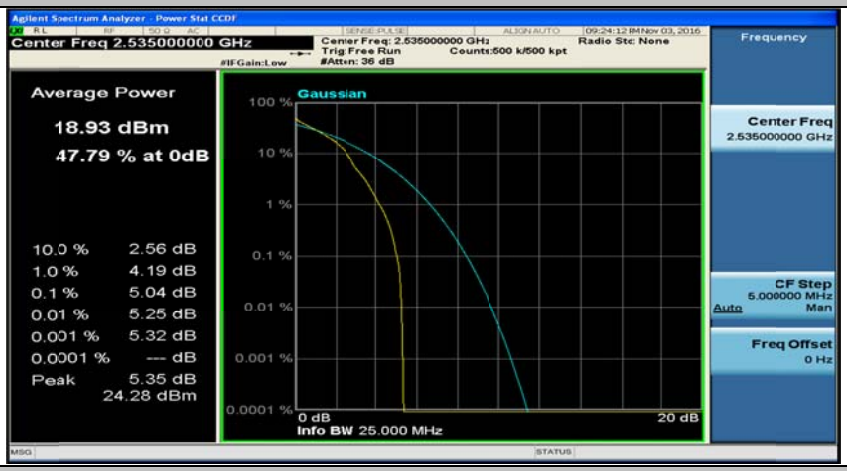


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

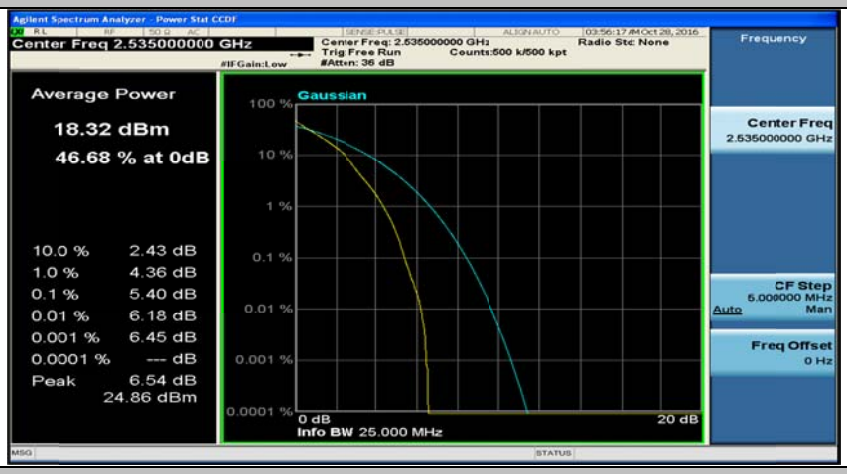


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

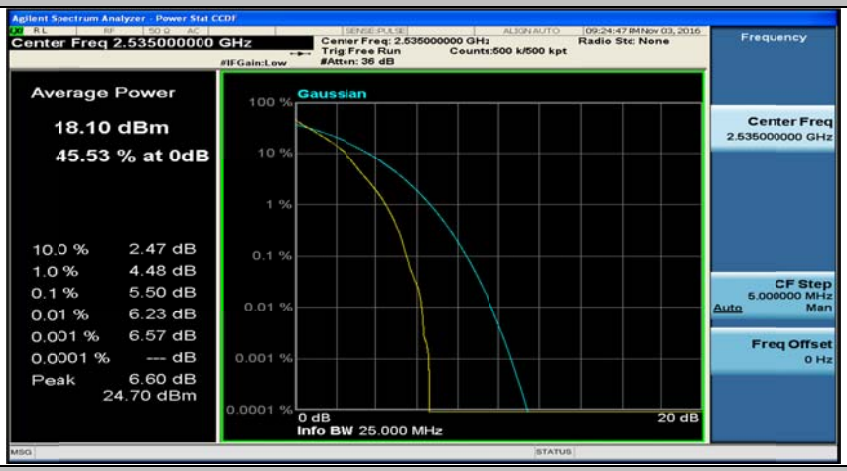


(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0

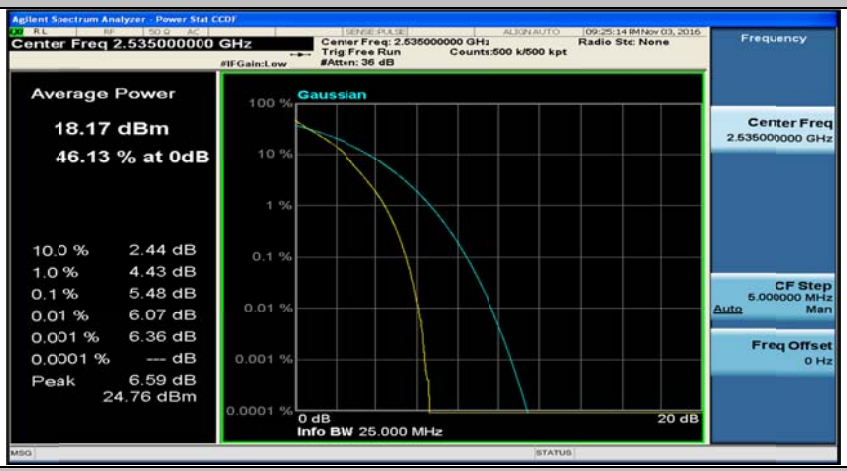


(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6

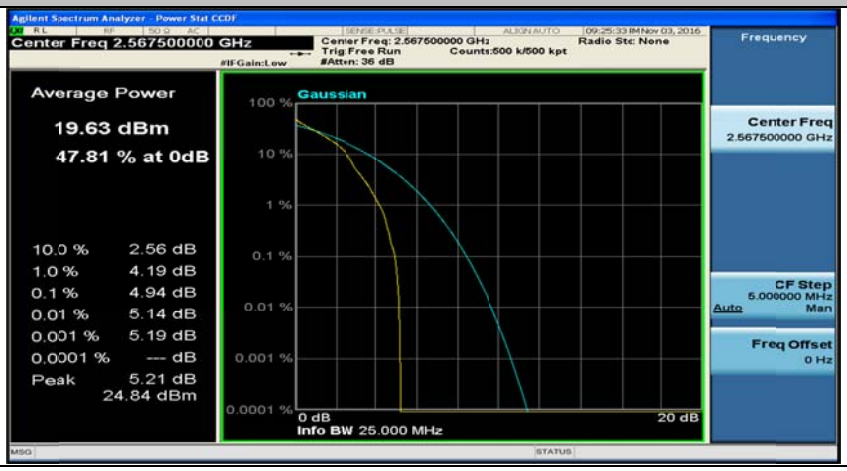
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



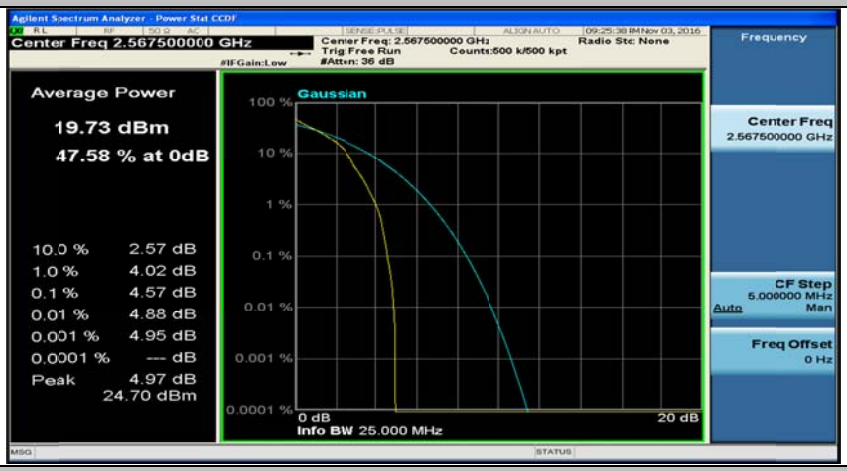
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



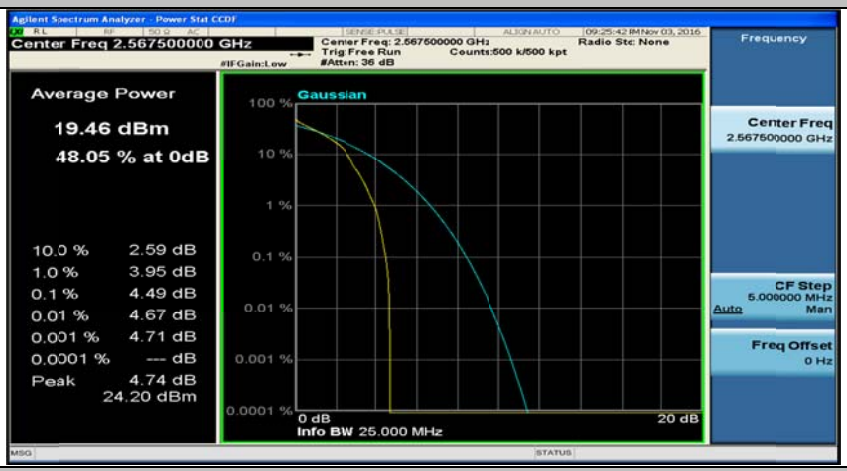
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



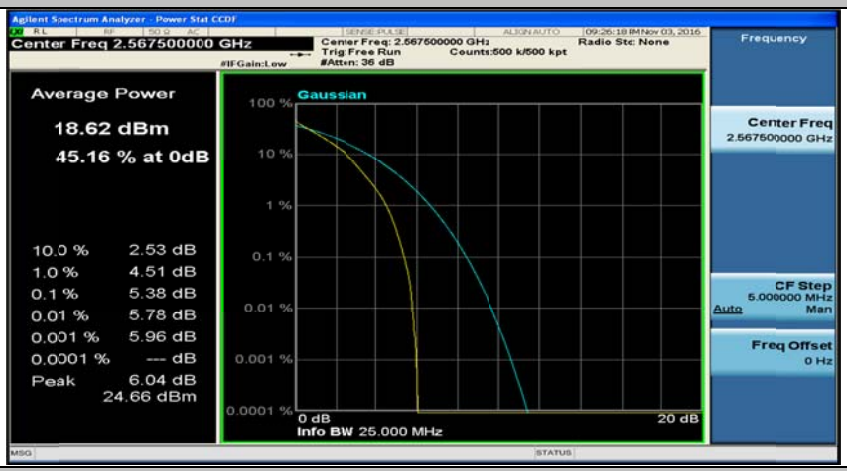
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0

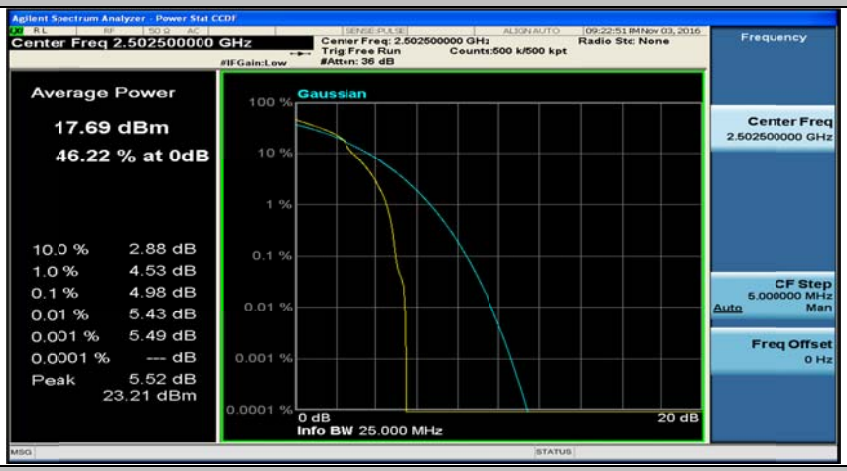
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6

(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13

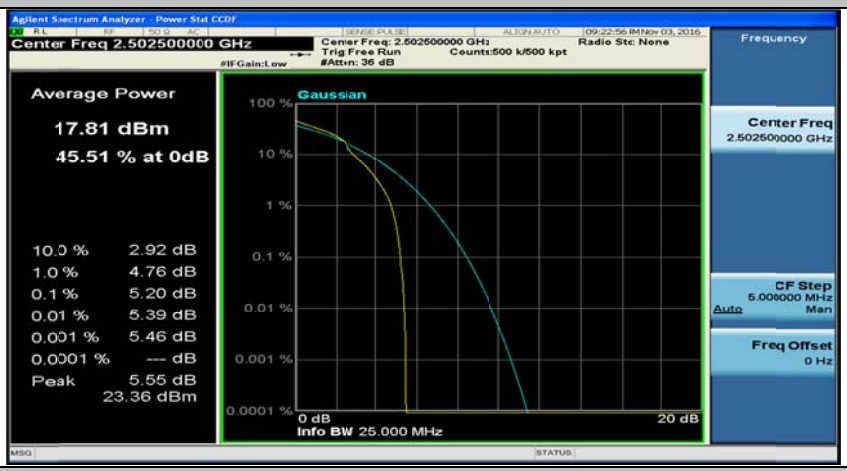


(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

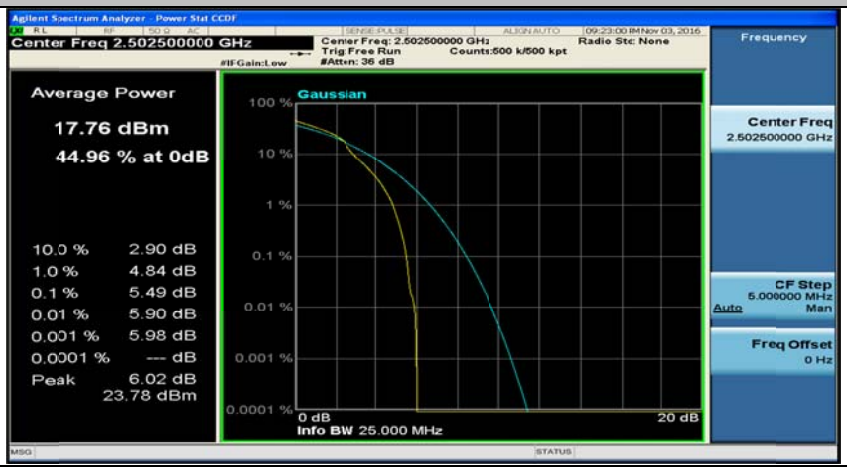
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



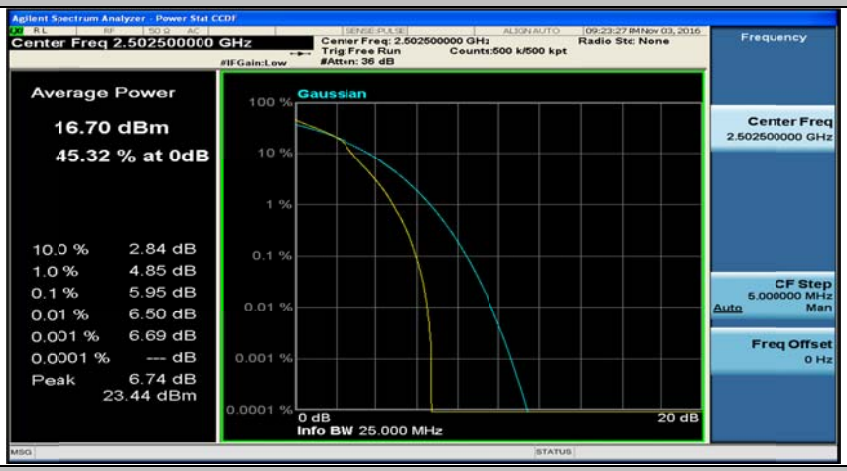
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



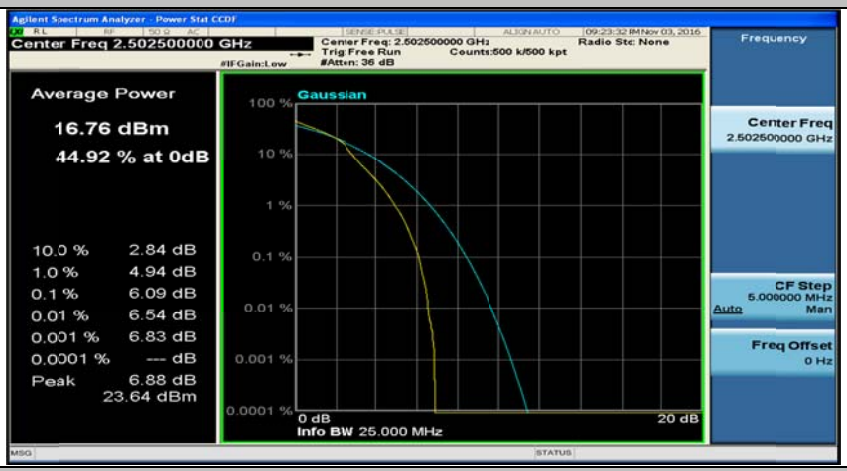
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



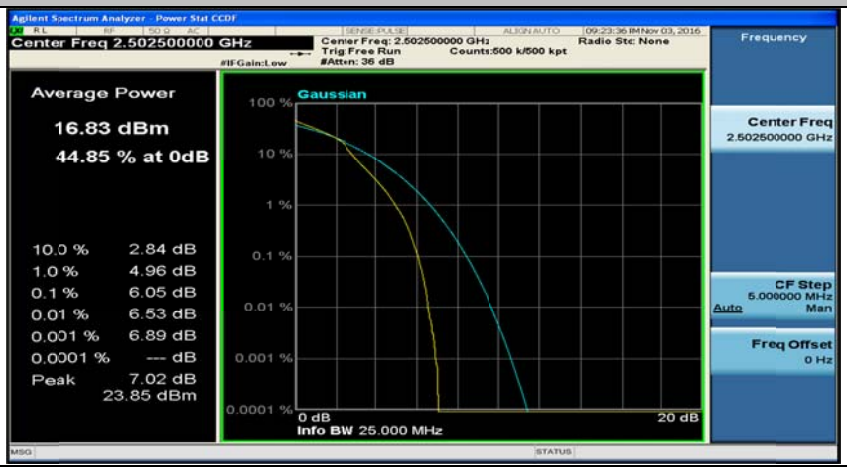
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6

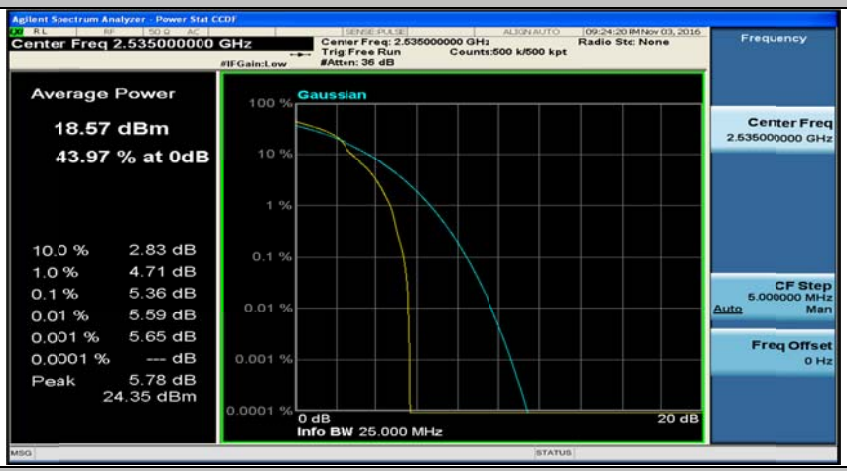


(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13

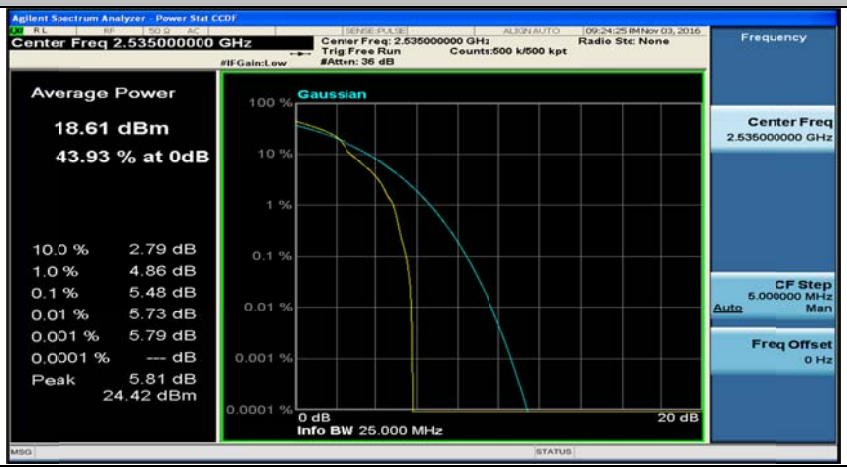


(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0

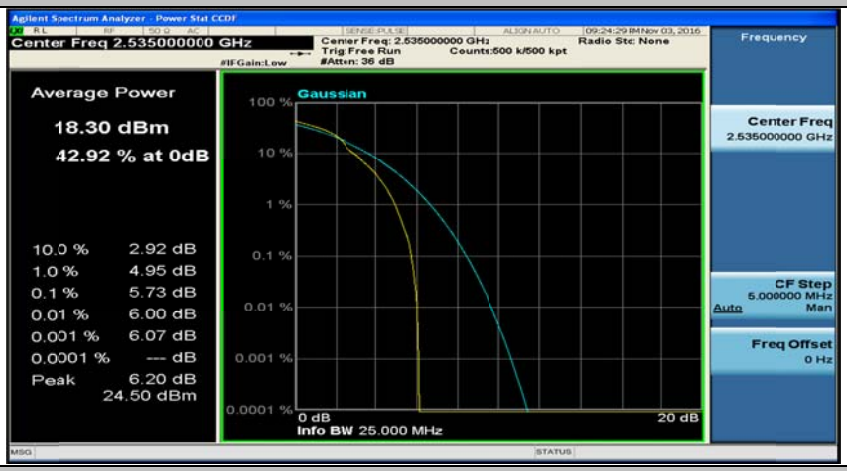
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



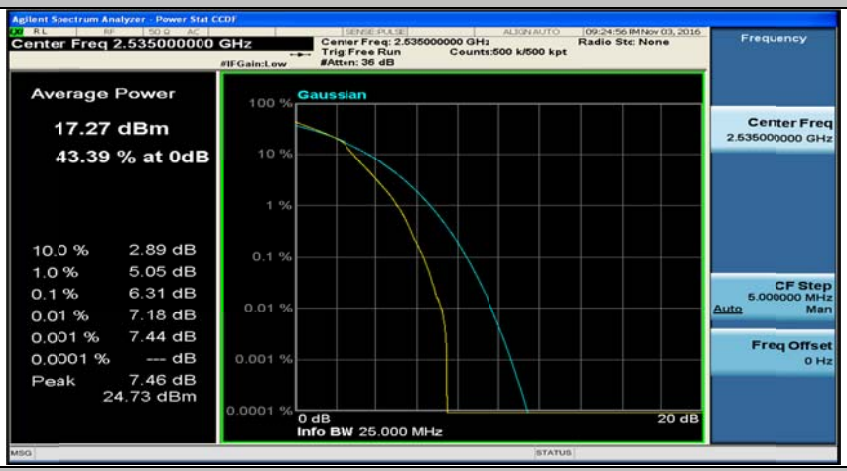
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



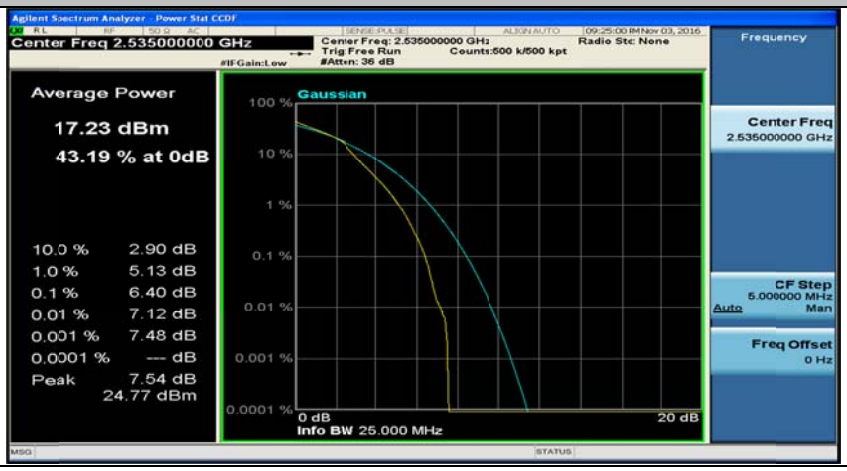
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0

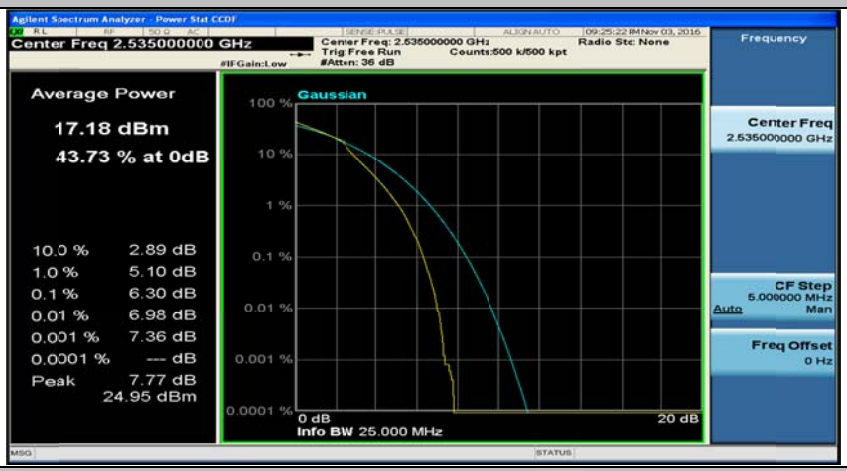


(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6

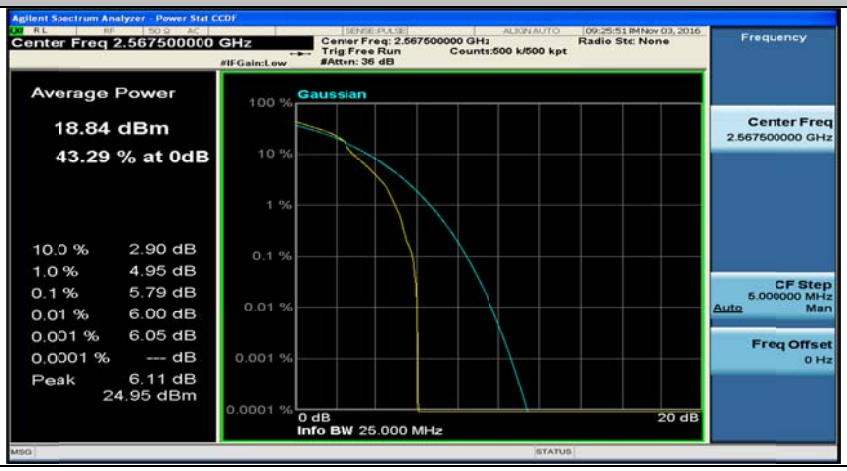


(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13

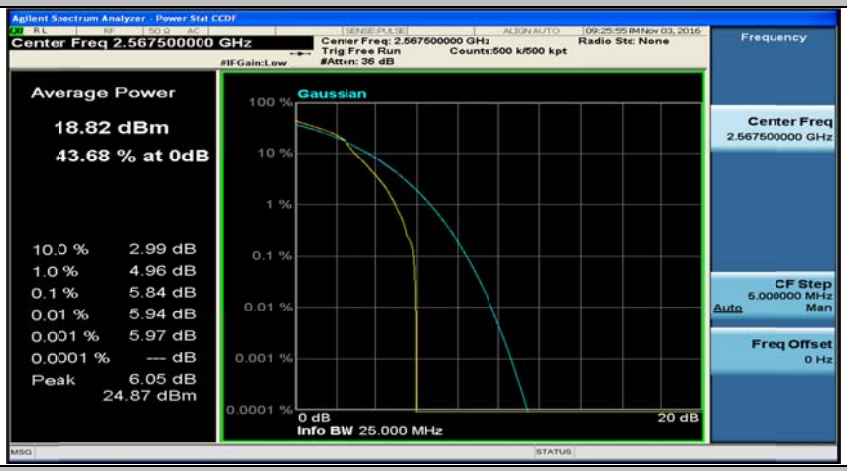
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



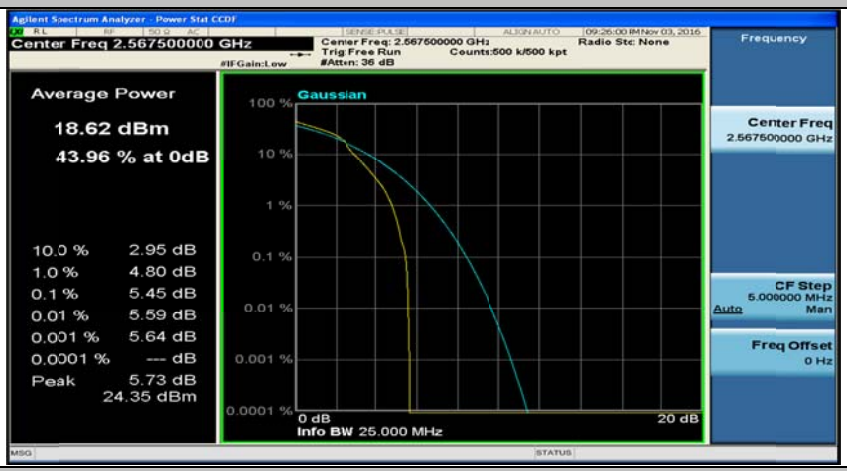
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



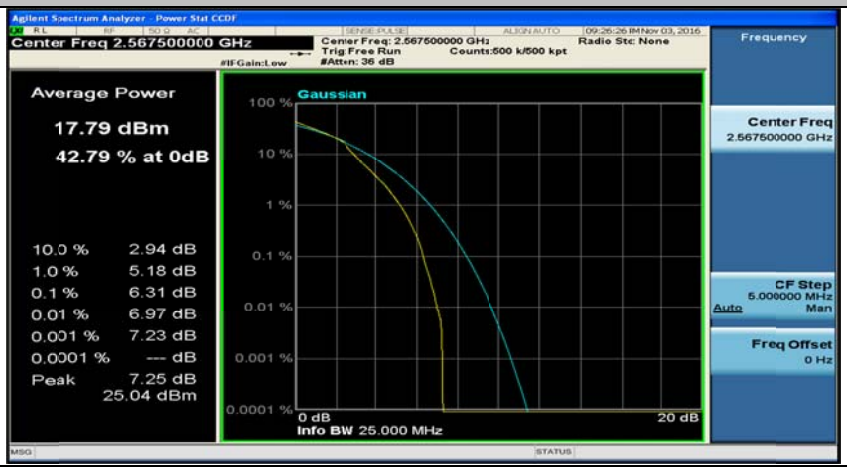
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



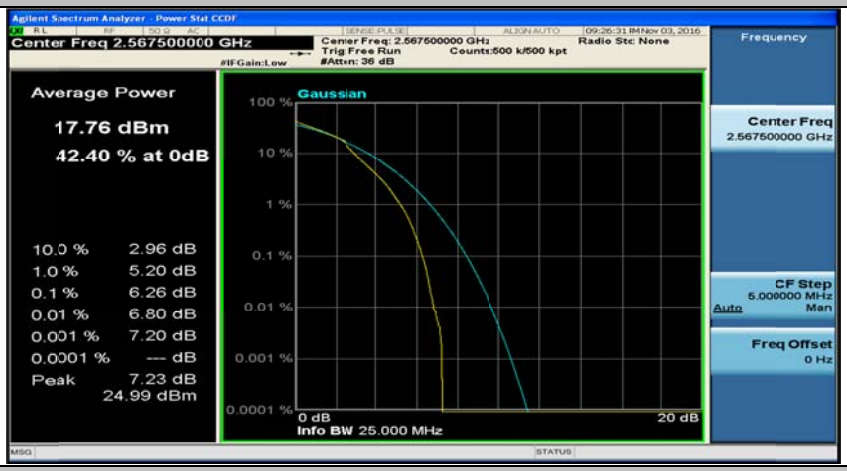
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



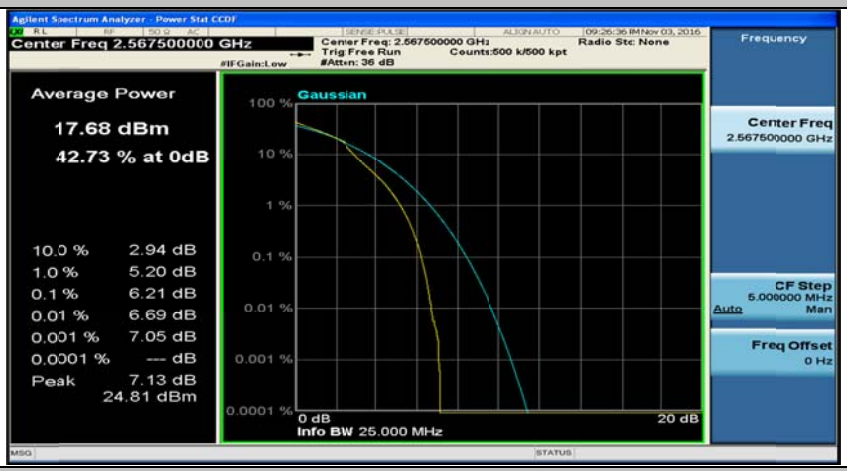
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



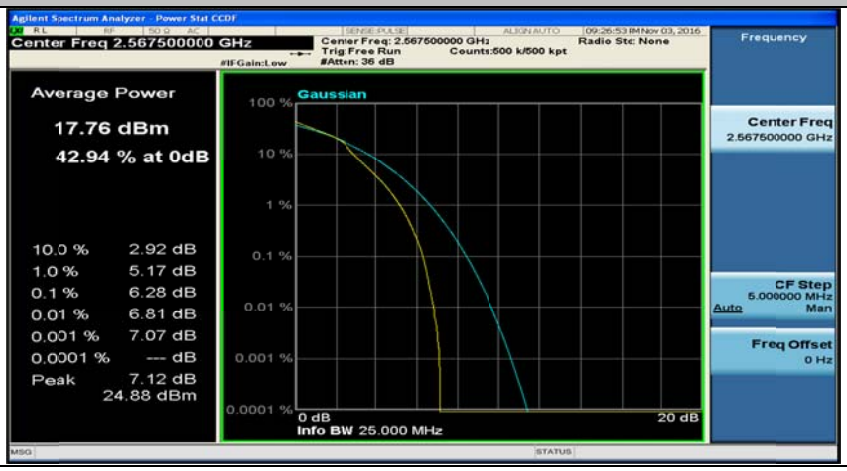
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



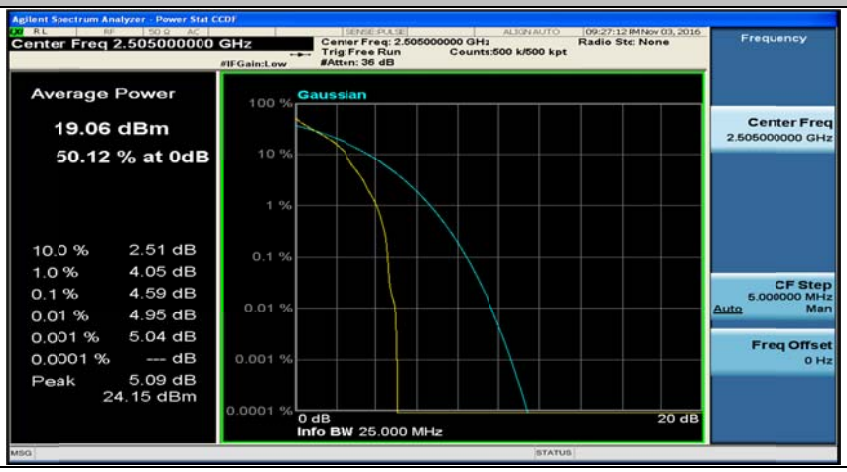
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



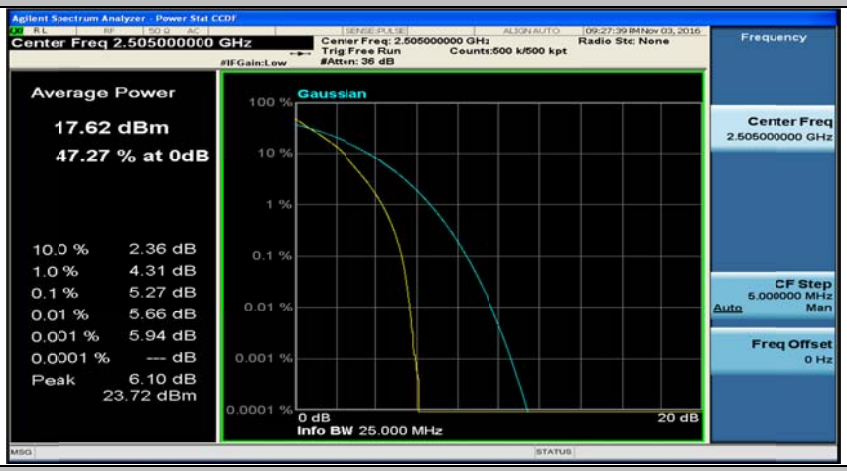
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0

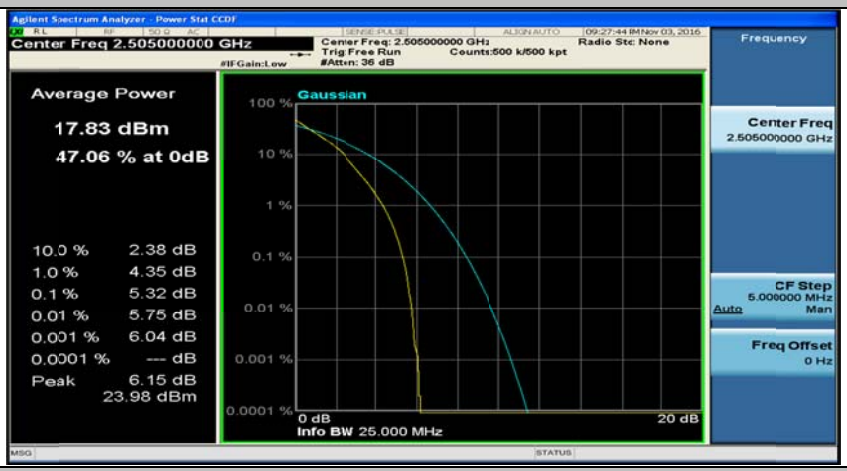
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24

Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49


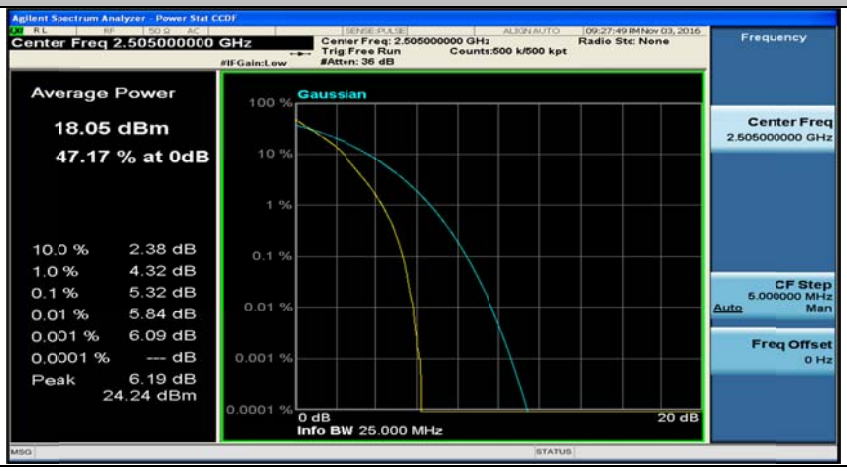
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



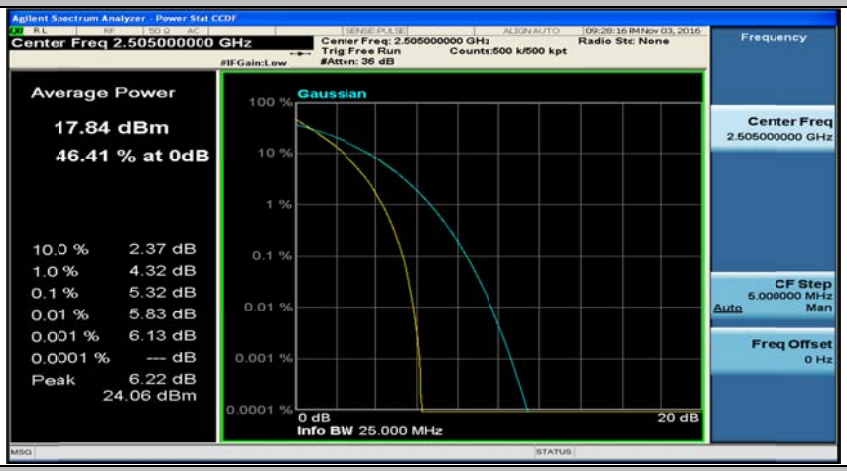
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



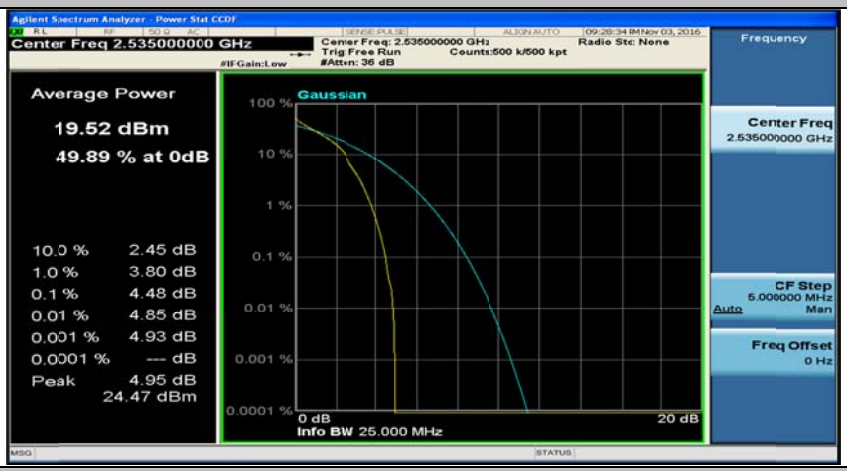
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



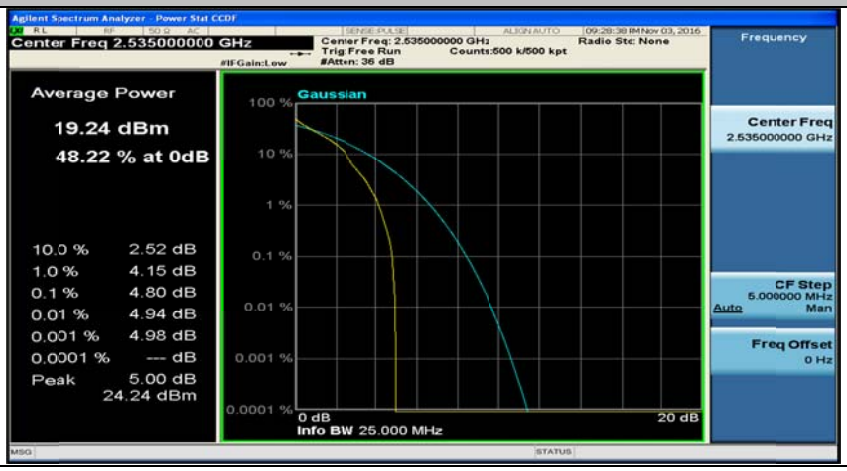
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



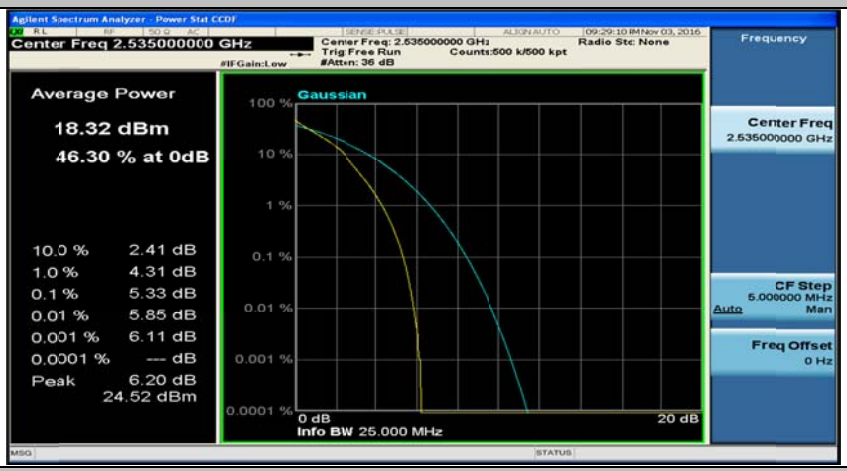
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

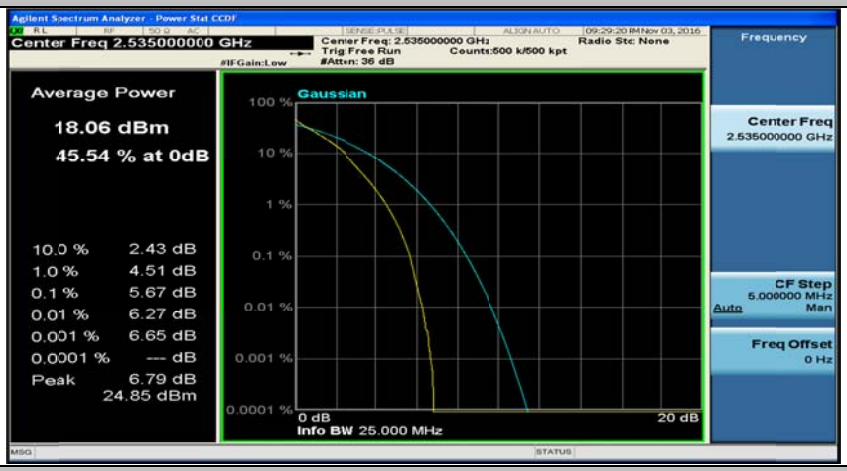


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

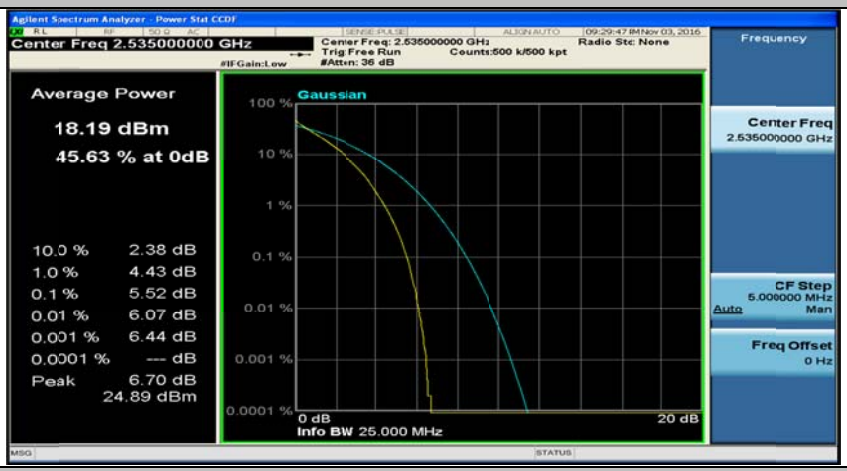

Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0


Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12

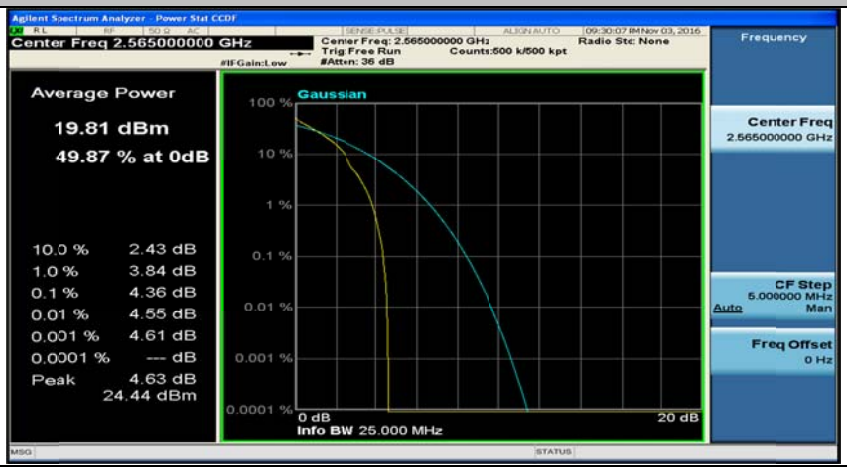

Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



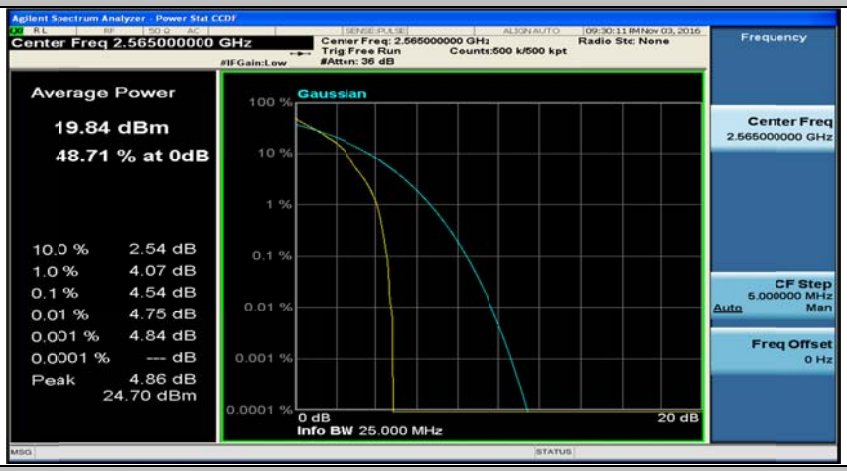
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



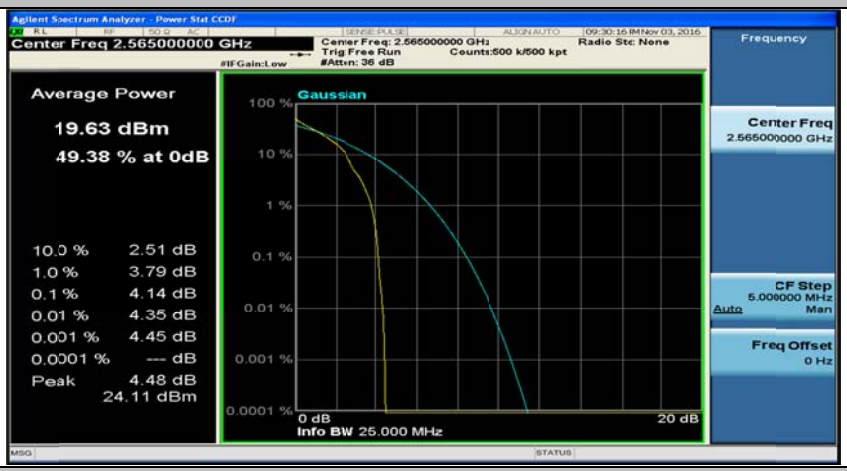
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



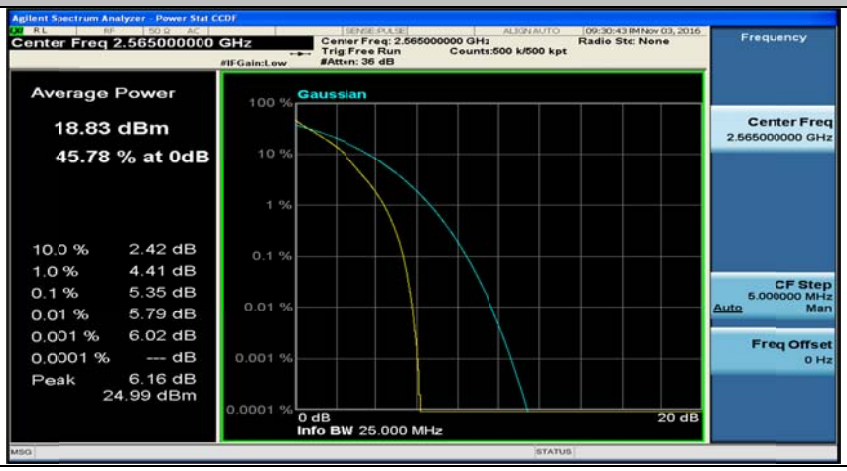
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



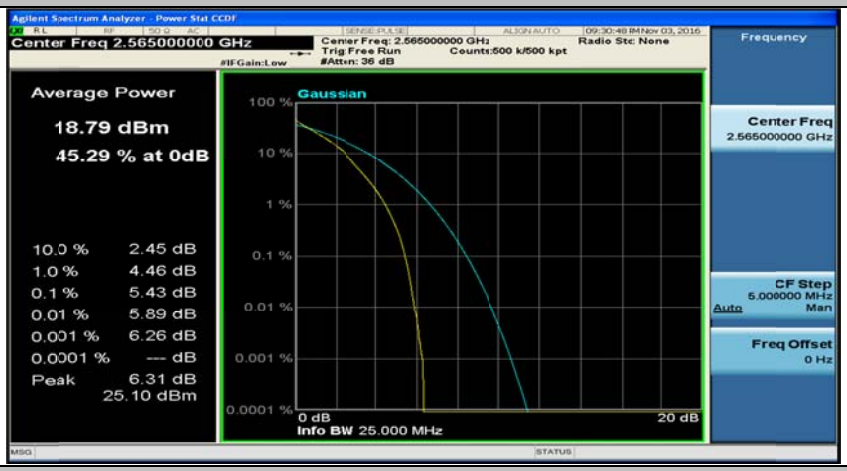
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



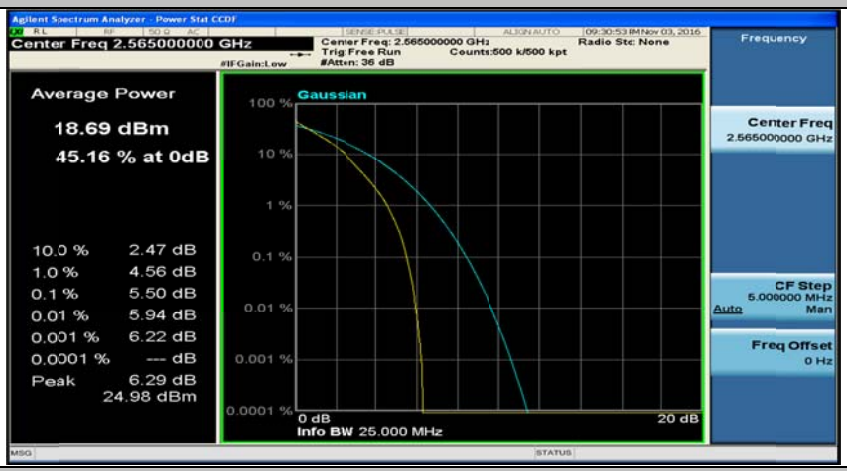
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12

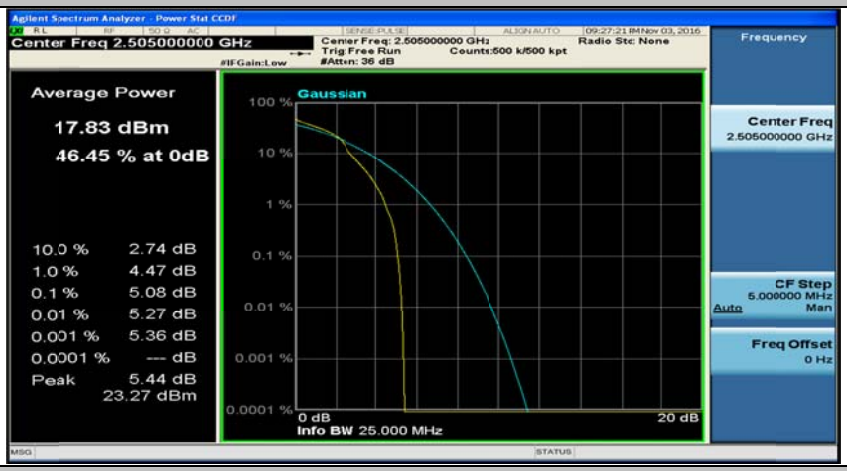


Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25

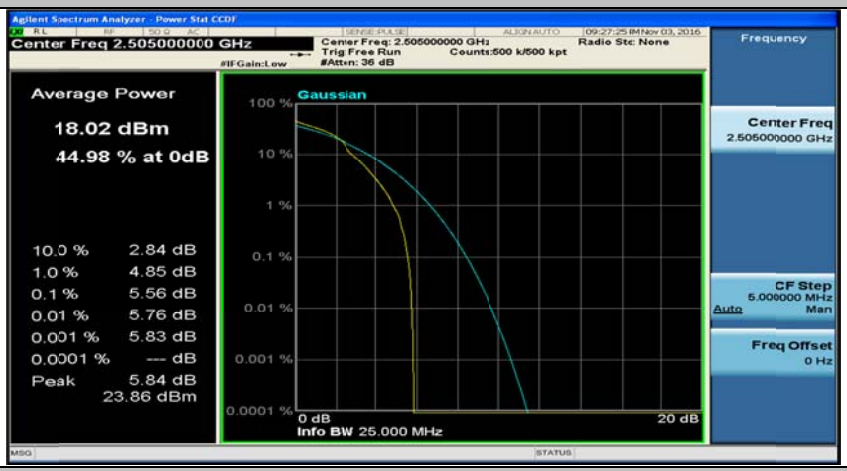


Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0

Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



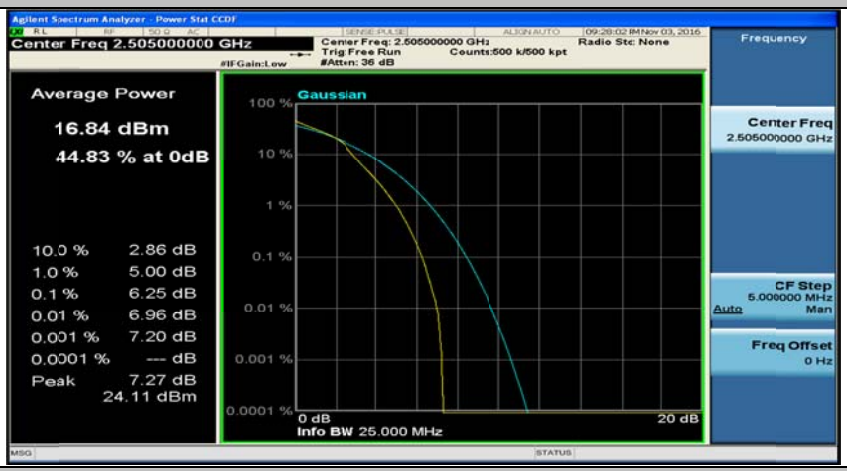
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

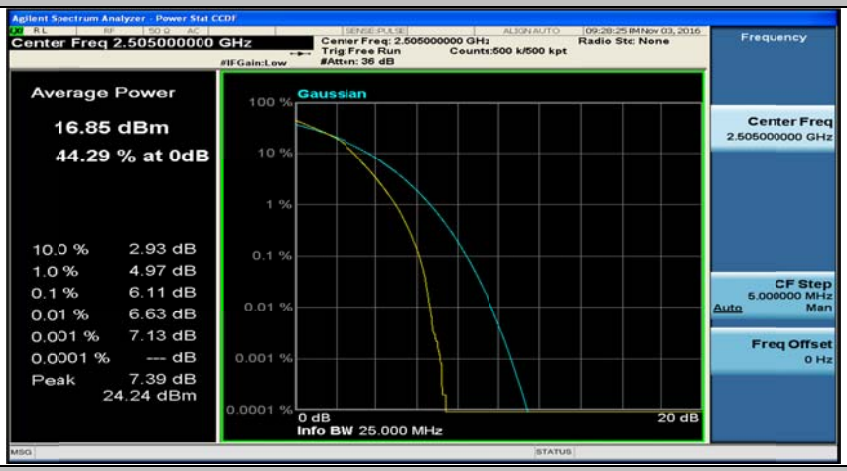
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12

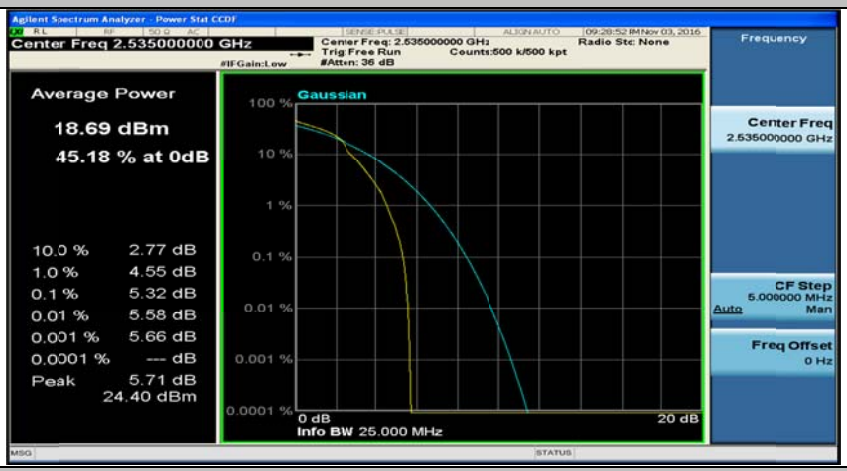


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25

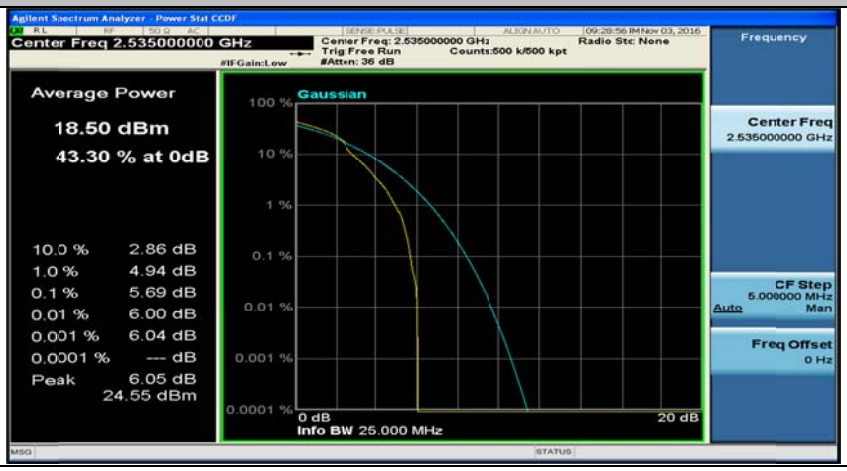
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



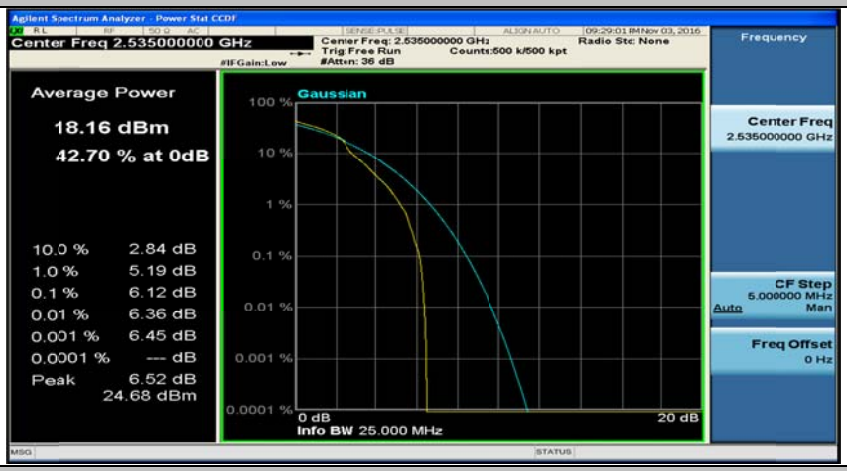
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

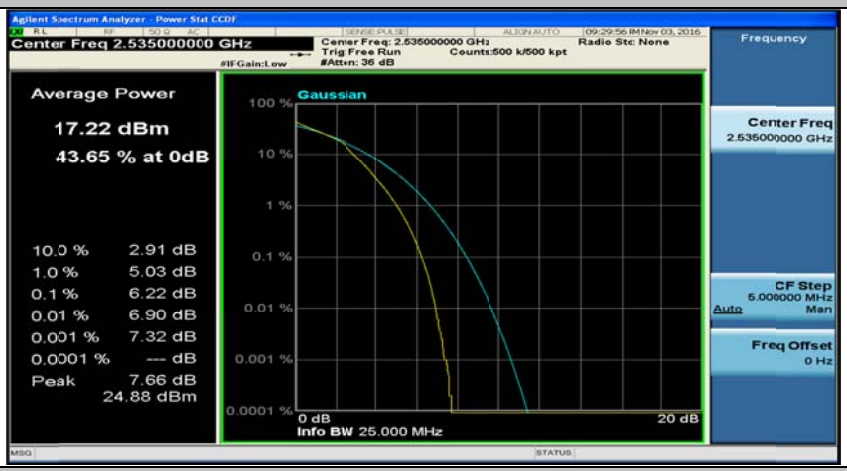


Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0

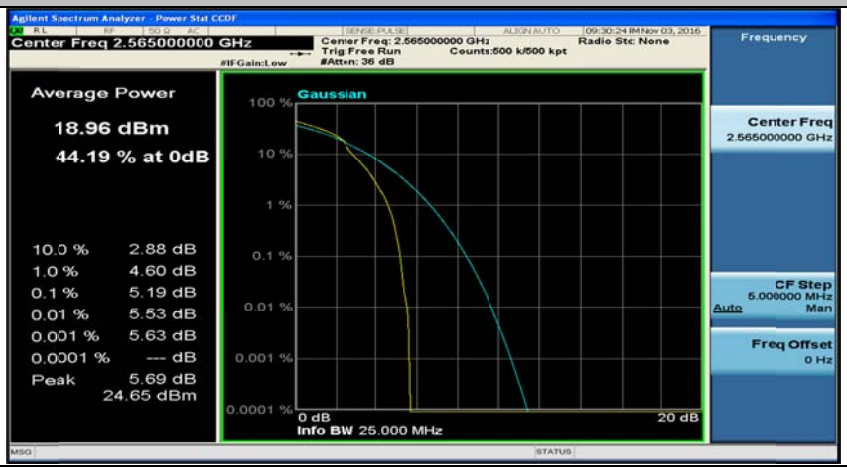
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12

Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25

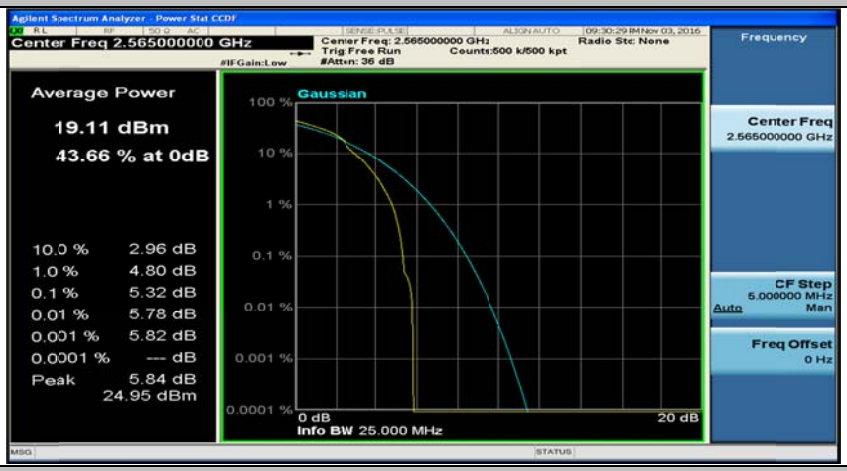
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



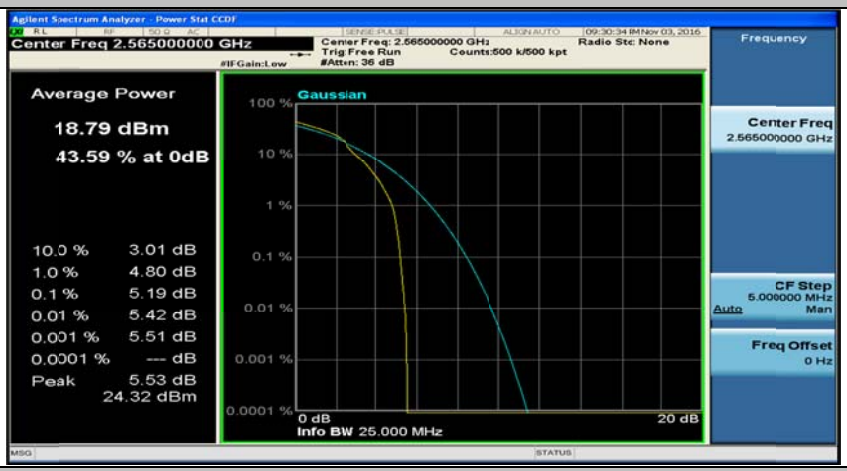
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



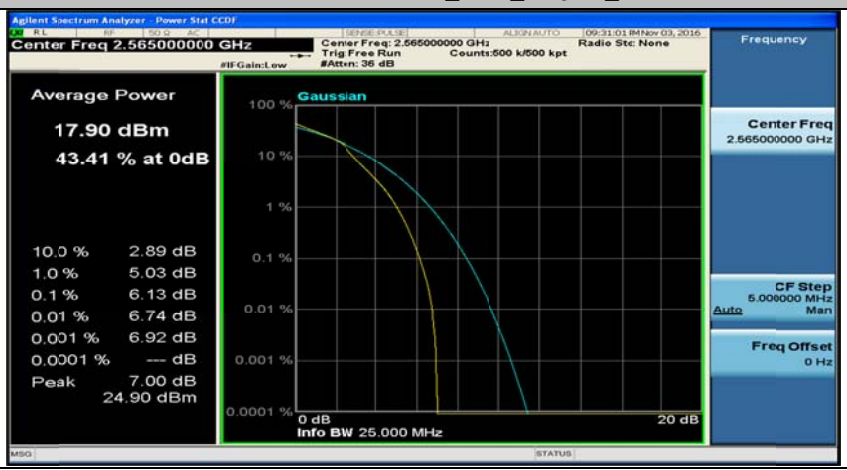
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



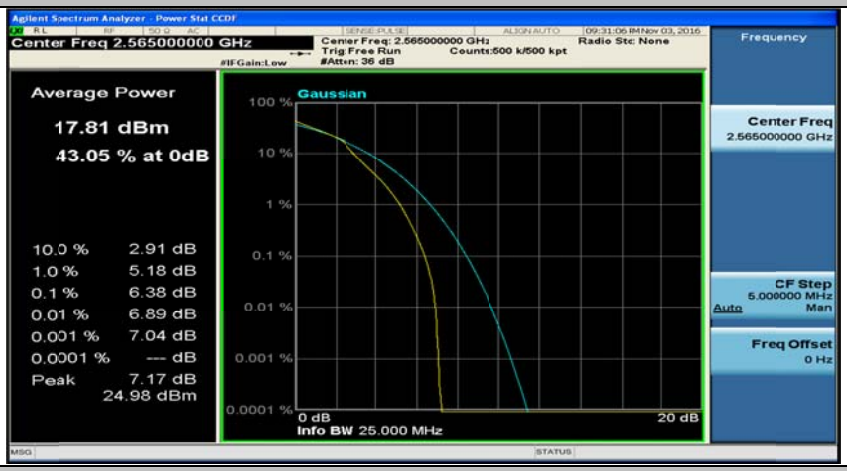
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



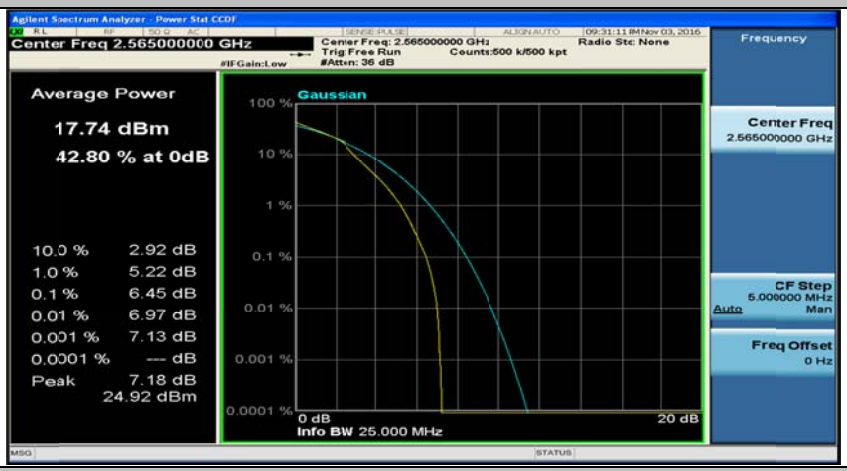
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0