

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	24.49	24.99	PASS
		1	12	24.44	24.94	PASS
		1	24	24.52	25.02	PASS
		12	0	23.59	24.09	PASS
		12	6	23.65	24.15	PASS
		12	13	23.80	24.30	PASS
		25	0	23.68	24.18	PASS
	MCH	1	0	23.95	24.45	PASS
		1	12	23.67	24.17	PASS
		1	24	24.10	24.60	PASS
		12	0	22.87	23.37	PASS
		12	6	22.83	23.33	PASS
		12	13	22.99	23.49	PASS
		25	0	22.91	23.41	PASS
	HCH	1	0	23.04	23.54	PASS
		1	12	22.57	23.07	PASS
		1	24	22.98	23.48	PASS
		12	0	22.00	22.50	PASS
		12	6	21.90	22.40	PASS
		12	13	21.98	22.48	PASS
		25	0	21.96	22.46	PASS
16QAM	LCH	1	0	23.69	24.19	PASS
		1	12	23.61	24.11	PASS
		1	24	23.81	24.31	PASS
		12	0	22.61	23.11	PASS
		12	6	22.67	23.17	PASS
		12	13	22.76	23.26	PASS
		25	0	22.68	23.18	PASS
	MCH	1	0	23.18	23.68	PASS
		1	12	22.90	23.40	PASS
		1	24	23.24	23.74	PASS
		12	0	21.92	22.42	PASS
		12	6	21.87	22.37	PASS

		12	13	22.05	22.55	PASS
		25	0	21.92	22.42	PASS
	HCH	1	0	22.31	22.81	PASS
		1	12	21.89	22.39	PASS
		1	24	22.28	22.78	PASS
		12	0	21.12	21.62	PASS
		12	6	21.01	21.51	PASS
		12	13	21.12	21.62	PASS
		25	0	21.06	21.56	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.84	24.34	PASS
		1	24	24.24	24.74	PASS
		1	49	24.39	24.89	PASS
		25	0	23.53	24.03	PASS
		25	12	23.59	24.09	PASS
		25	25	23.66	24.16	PASS
		50	0	23.60	24.10	PASS
	MCH	1	0	23.23	23.73	PASS
		1	24	23.49	23.99	PASS
		1	49	23.54	24.04	PASS
		25	0	22.56	23.06	PASS
		25	12	22.71	23.21	PASS
		25	25	22.86	23.36	PASS
		50	0	22.72	23.22	PASS
	HCH	1	0	22.61	23.11	PASS
		1	24	22.43	22.93	PASS
		1	49	22.38	22.88	PASS
		25	0	21.82	22.32	PASS
		25	12	21.75	22.25	PASS
		25	25	21.78	22.28	PASS
		50	0	21.80	22.30	PASS
16QAM	LCH	1	0	23.11	23.61	PASS
		1	24	23.59	24.09	PASS
		1	49	23.72	24.22	PASS
		25	0	22.55	23.05	PASS
		25	12	22.66	23.16	PASS

		25	25	22.60	23.10	PASS
		50	0	22.69	23.19	PASS
	MCH	1	0	22.51	23.01	PASS
		1	24	22.78	23.28	PASS
		1	49	22.93	23.43	PASS
		25	0	21.59	22.09	PASS
		25	12	21.74	22.24	PASS
		25	25	21.89	22.39	PASS
		50	0	21.75	22.25	PASS
	HCH	1	0	21.89	22.39	PASS
		1	24	21.79	22.29	PASS
		1	49	21.74	22.24	PASS
		25	0	20.93	21.43	PASS
		25	12	20.87	21.37	PASS
		25	25	20.88	21.38	PASS
		50	0	20.90	21.40	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	24.00	24.50	PASS
		1	37	24.33	24.83	PASS
		1	74	24.37	24.87	PASS
		37	0	23.58	24.08	PASS
		37	18	23.68	24.18	PASS
		37	38	23.72	24.22	PASS
		75	0	23.75	24.25	PASS
	MCH	1	0	23.32	23.82	PASS
		1	37	23.46	23.96	PASS
		1	74	23.80	24.30	PASS
		37	0	22.49	22.99	PASS
		37	18	22.62	23.12	PASS
		37	38	22.92	23.42	PASS
		75	0	22.70	23.20	PASS
	HCH	1	0	22.82	23.32	PASS
		1	37	22.31	22.81	PASS
		1	74	22.41	22.91	PASS
		37	0	21.84	22.34	PASS
		37	18	21.66	22.16	PASS

16QAM	LCH	37	38	21.64	22.14	PASS
		75	0	21.72	22.22	PASS
		1	0	23.27	23.77	PASS
		1	37	23.66	24.16	PASS
		1	74	23.84	24.34	PASS
		37	0	22.63	23.13	PASS
		37	18	22.69	23.19	PASS
		37	38	22.59	23.09	PASS
	MCH	75	0	22.74	23.24	PASS
		1	0	22.58	23.08	PASS
		1	37	22.73	23.23	PASS
		1	74	23.18	23.68	PASS
		37	0	21.51	22.01	PASS
		37	18	21.65	22.15	PASS
		37	38	21.95	22.45	PASS
		75	0	21.74	22.24	PASS
	HCH	1	0	22.13	22.63	PASS
		1	37	21.67	22.17	PASS
		1	74	21.73	22.23	PASS
		37	0	20.91	21.41	PASS
		37	18	20.77	21.27	PASS
		37	38	20.76	21.26	PASS
		75	0	20.85	21.35	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	24.15	24.65	PASS
		1	49	24.21	24.71	PASS
		1	99	24.26	24.76	PASS
		50	0	23.68	24.18	PASS
		50	25	23.63	24.13	PASS
		50	50	23.74	24.24	PASS
		100	0	23.76	24.26	PASS
	MCH	1	0	23.22	23.72	PASS
		1	49	23.42	23.92	PASS
		1	99	23.74	24.24	PASS
		50	0	22.43	22.93	PASS
		50	25	22.58	23.08	PASS

		50	50	22.90	23.40	PASS
		100	0	22.67	23.17	PASS
	HCH	1	0	23.23	23.73	PASS
		1	49	22.38	22.88	PASS
		1	99	22.35	22.85	PASS
		50	0	21.94	22.44	PASS
		50	25	21.64	22.14	PASS
		50	50	21.56	22.06	PASS
		100	0	21.77	22.27	PASS
16QAM	LCH	1	0	23.40	23.90	PASS
		1	49	23.81	24.31	PASS
		1	99	24.21	24.71	PASS
		50	0	22.70	23.20	PASS
		50	25	22.56	23.06	PASS
		50	50	22.66	23.16	PASS
		100	0	22.69	23.19	PASS
	MCH	1	0	22.65	23.15	PASS
		1	49	22.72	23.22	PASS
		1	99	23.19	23.69	PASS
		50	0	21.43	21.93	PASS
		50	25	21.61	22.11	PASS
		50	50	21.93	22.43	PASS
		100	0	21.70	22.20	PASS
	HCH	1	0	22.54	23.04	PASS
		1	49	21.69	22.19	PASS
		1	99	21.68	22.18	PASS
		50	0	21.03	21.53	PASS
		50	25	20.76	21.26	PASS
		50	50	20.69	21.19	PASS
		100	0	20.87	21.37	PASS

Appendix B: Peak-to-Average Ratio

Test Result

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	6.32	<13	PASS
		1	12	7.46	<13	PASS
		1	24	6.55	<13	PASS
		12	0	7.95	<13	PASS
		12	6	8.85	<13	PASS
		12	13	7.57	<13	PASS
		25	0	7.34	<13	PASS
	MCH	1	0	8.95	<13	PASS
		1	12	7.15	<13	PASS
		1	24	8.63	<13	PASS
		12	0	8.48	<13	PASS
		12	6	9.45	<13	PASS
		12	13	8.95	<13	PASS
		25	0	8.99	<13	PASS
	HCH	1	0	7.64	<13	PASS
		1	12	6.29	<13	PASS
		1	24	5.28	<13	PASS
		12	0	6.55	<13	PASS
		12	6	9.6	<13	PASS
		12	13	8.13	<13	PASS
		25	0	8.53	<13	PASS
16QAM	LCH	1	0	6.7	<13	PASS
		1	12	7.17	<13	PASS
		1	24	7.04	<13	PASS
		12	0	7.97	<13	PASS
		12	6	5.96	<13	PASS
		12	13	9.93	<13	PASS

	MCH	25	0	7.34	<13	PASS
		1	0	8.63	<13	PASS
		1	12	8.19	<13	PASS
		1	24	9.24	<13	PASS
		12	0	8.83	<13	PASS
		12	6	7.38	<13	PASS
		12	13	9.3	<13	PASS
		25	0	9.13	<13	PASS
	HCH	1	0	8.26	<13	PASS
		1	12	8.49	<13	PASS
		1	24	6.62	<13	PASS
		12	0	8.61	<13	PASS
		12	6	9.25	<13	PASS
		12	13	7.85	<13	PASS
		25	0	9.03	<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	6.38	<13	PASS
		1	24	7.57	<13	PASS
		1	49	7.07	<13	PASS
		25	0	7.04	<13	PASS
		25	12	8.6	<13	PASS
		25	25	6.94	<13	PASS
		50	0	8.28	<13	PASS
	MCH	1	0	7.32	<13	PASS
		1	24	7.25	<13	PASS
		1	49	7.44	<13	PASS
		25	0	7.66	<13	PASS
		25	12	7.27	<13	PASS
		25	25	8.78	<13	PASS
		50	0	9.98	<13	PASS
	HCH	1	0	10.7	<13	PASS
		1	24	6.37	<13	PASS
		1	49	6.82	<13	PASS
		25	0	9.18	<13	PASS
		25	12	9.39	<13	PASS
		25	25	9.3	<13	PASS

		50	0	8.15	<13	PASS
16QAM	LCH	1	0	6.27	<13	PASS
		1	24	9.63	<13	PASS
		1	49	7.26	<13	PASS
		25	0	8.33	<13	PASS
		25	12	8.71	<13	PASS
		25	25	9.36	<13	PASS
		50	0	10.44	<13	PASS
		50	0	10.44	<13	PASS
	MCH	1	0	8.8	<13	PASS
		1	24	8.71	<13	PASS
		1	49	8.04	<13	PASS
		25	0	9.07	<13	PASS
		25	12	10.14	<13	PASS
		25	25	8.28	<13	PASS
		50	0	8.24	<13	PASS
		50	0	8.24	<13	PASS
	HCH	1	0	8.21	<13	PASS
		1	24	8.87	<13	PASS
		1	49	9.22	<13	PASS
		25	0	9.32	<13	PASS
		25	12	8.51	<13	PASS
		25	25	9.52	<13	PASS
		50	0	9.42	<13	PASS
		50	0	9.42	<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	7.78	<13	PASS
		1	37	6.93	<13	PASS
		1	74	6.21	<13	PASS
		37	0	11.17	<13	PASS
		37	18	8.77	<13	PASS
		37	38	7.52	<13	PASS
		75	0	8.06	<13	PASS
	MCH	1	0	8.13	<13	PASS
		1	37	7.64	<13	PASS
		1	74	9.16	<13	PASS
		37	0	8.04	<13	PASS
		37	18	8.01	<13	PASS
		37	38	10.33	<13	PASS
		37	38	10.33	<13	PASS

	HCH	75	0	8.1	<13	PASS
		1	0	8.04	<13	PASS
		1	37	7.35	<13	PASS
		1	74	6.31	<13	PASS
		37	0	8.01	<13	PASS
		37	18	8.15	<13	PASS
		37	38	8.48	<13	PASS
		75	0	8.47	<13	PASS
16QAM	LCH	1	0	8.8	<13	PASS
		1	37	7.04	<13	PASS
		1	74	9.67	<13	PASS
		37	0	9.24	<13	PASS
		37	18	7.68	<13	PASS
		37	38	9.77	<13	PASS
		75	0	8.38	<13	PASS
		75	0	8.38	<13	PASS
	MCH	1	0	10.46	<13	PASS
		1	37	9.29	<13	PASS
		1	74	7.62	<13	PASS
		37	0	9.79	<13	PASS
		37	18	9.26	<13	PASS
		37	38	11.58	<13	PASS
		75	0	9.88	<13	PASS
		75	0	9.88	<13	PASS
	HCH	1	0	7.53	<13	PASS
		1	37	7.8	<13	PASS
		1	74	7.4	<13	PASS
		37	0	9.27	<13	PASS
		37	18	9.32	<13	PASS
		37	38	11.13	<13	PASS
		75	0	11.96	<13	PASS
		75	0	11.96	<13	PASS

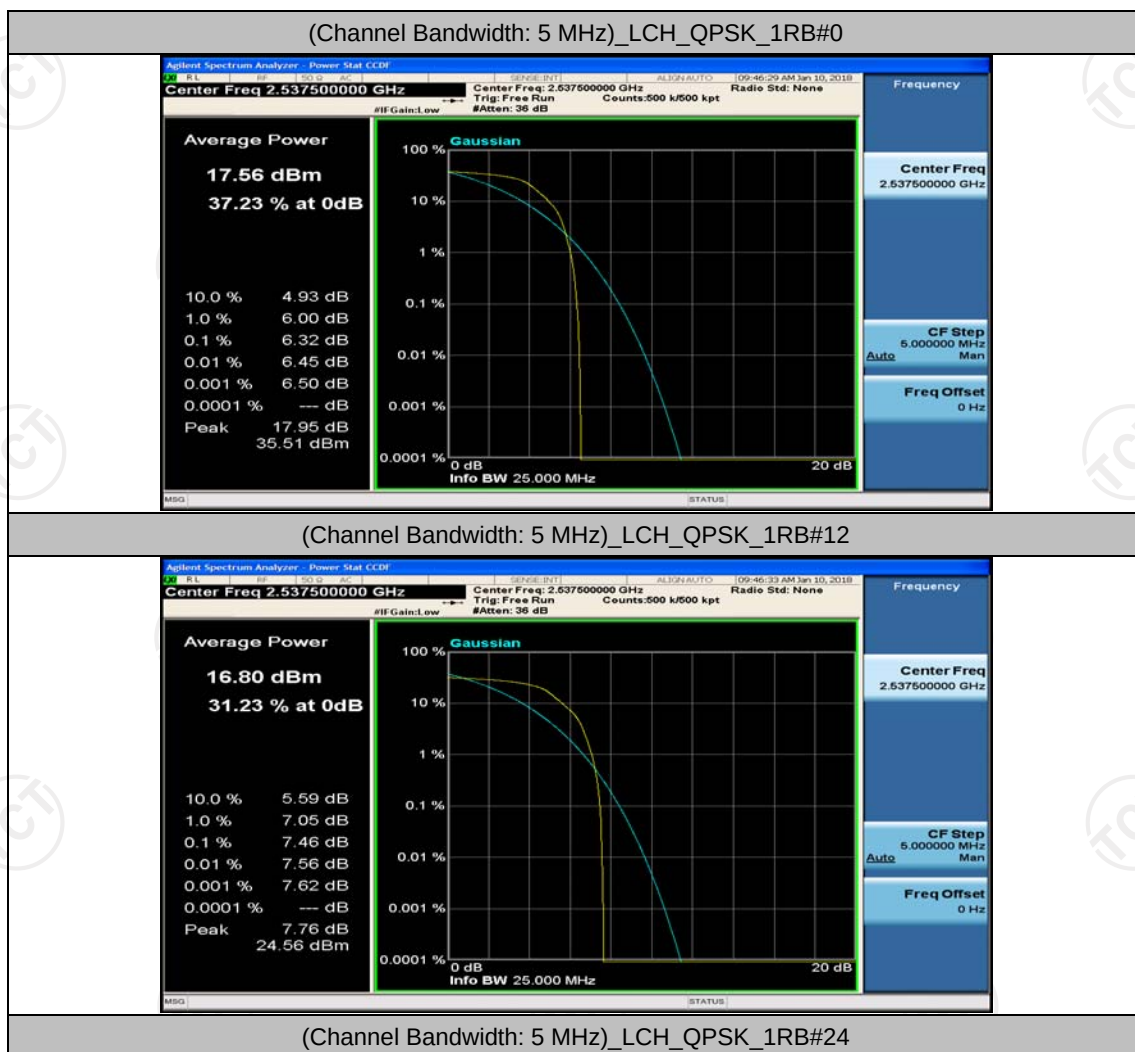
Channel Bandwidth: 20 MHz

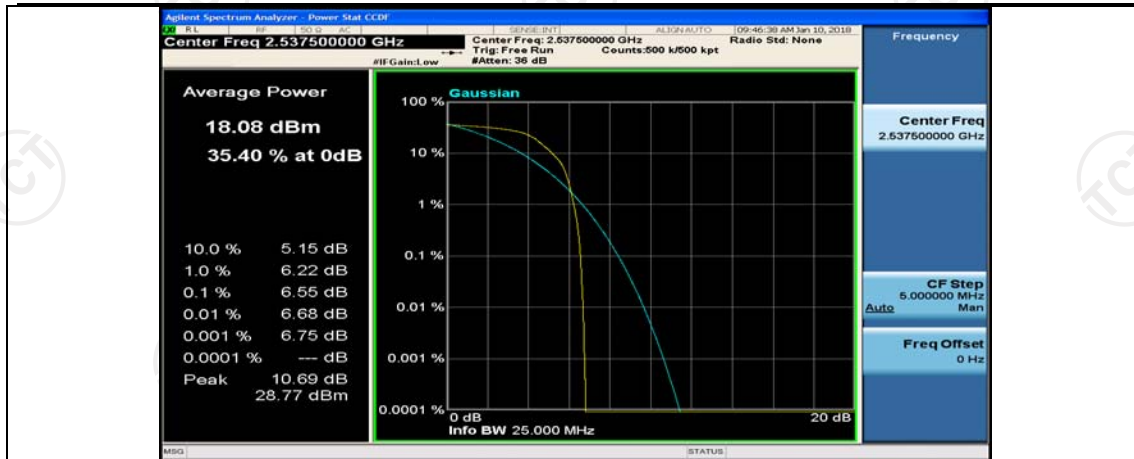
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.26	<13	PASS
		1	49	6.99	<13	PASS
		1	99	6.78	<13	PASS
		50	0	11.39	<13	PASS
		50	25	9.26	<13	PASS
		50	50	8.48	<13	PASS

	MCH	100	0	7.6	<13	PASS
		1	0	8.06	<13	PASS
		1	49	9.25	<13	PASS
		1	99	7.57	<13	PASS
		50	0	7.62	<13	PASS
		50	25	8.1	<13	PASS
		50	50	8.02	<13	PASS
		100	0	10.2	<13	PASS
	HCH	1	0	8.53	<13	PASS
		1	49	7.03	<13	PASS
		1	99	6.4	<13	PASS
		50	0	9.25	<13	PASS
		50	25	7.96	<13	PASS
		50	50	8.06	<13	PASS
		100	0	9.32	<13	PASS
16QAM	LCH	1	0	6.3	<13	PASS
		1	49	8.38	<13	PASS
		1	99	8.84	<13	PASS
		50	0	8.7	<13	PASS
		50	25	7.39	<13	PASS
		50	50	8.91	<13	PASS
		100	0	8.73	<13	PASS
	MCH	1	0	8.42	<13	PASS
		1	49	8.41	<13	PASS
		1	99	7.1	<13	PASS
		50	0	8.92	<13	PASS
		50	25	9.36	<13	PASS
		50	50	8.87	<13	PASS
		100	0	10.2	<13	PASS
	HCH	1	0	11.55	<13	PASS
		1	49	7.41	<13	PASS
		1	99	8.11	<13	PASS
		50	0	9.15	<13	PASS
		50	25	12.23	<13	PASS
		50	50	8.36	<13	PASS
		100	0	8.49	<13	PASS

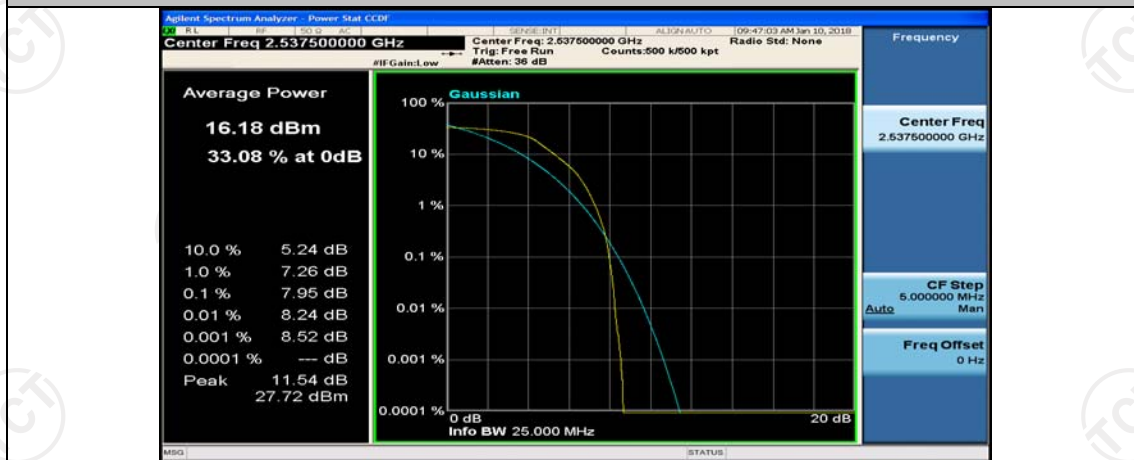
Test Graphs

Channel Bandwidth: 5 MHz

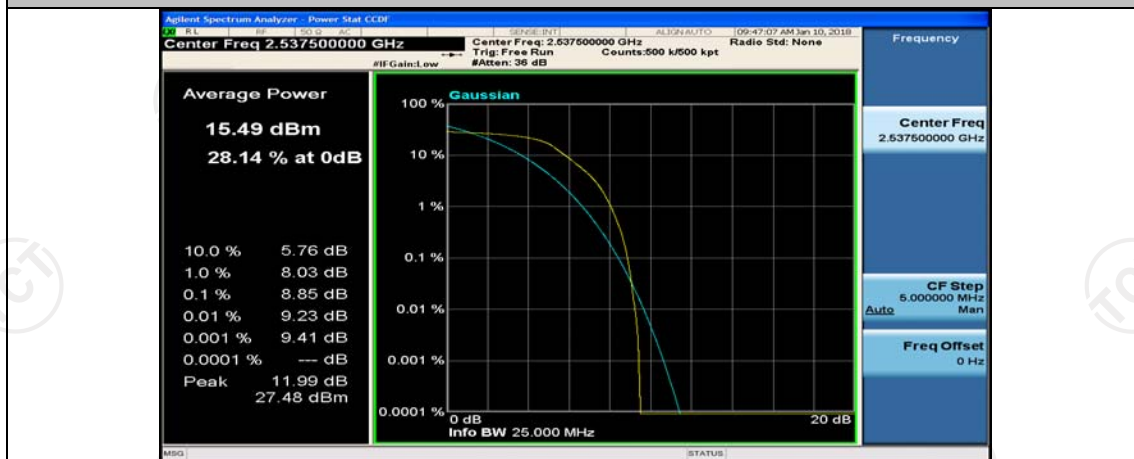




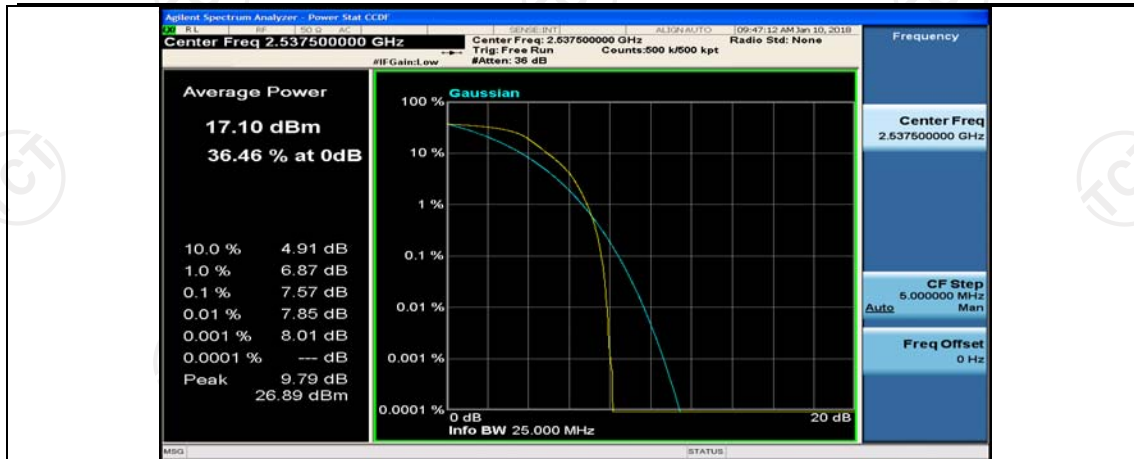
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



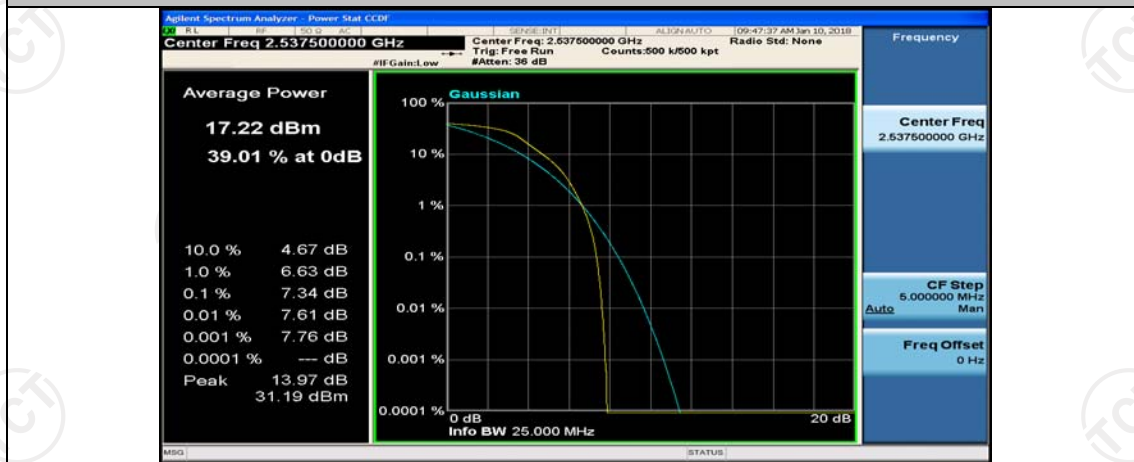
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



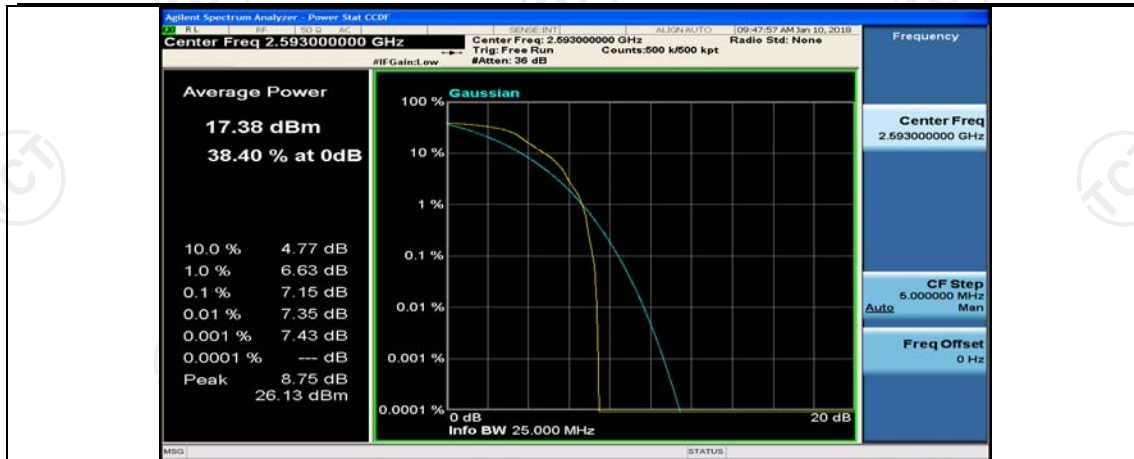
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



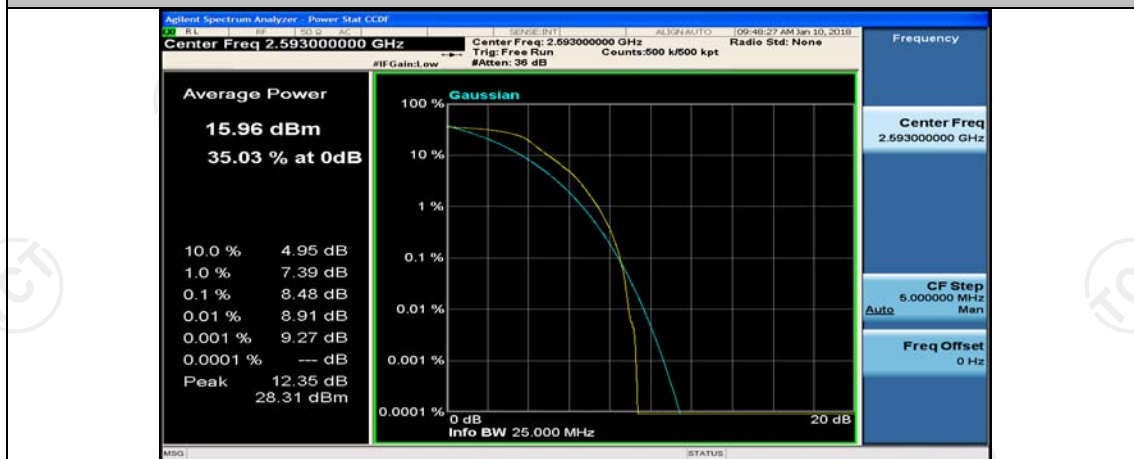
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



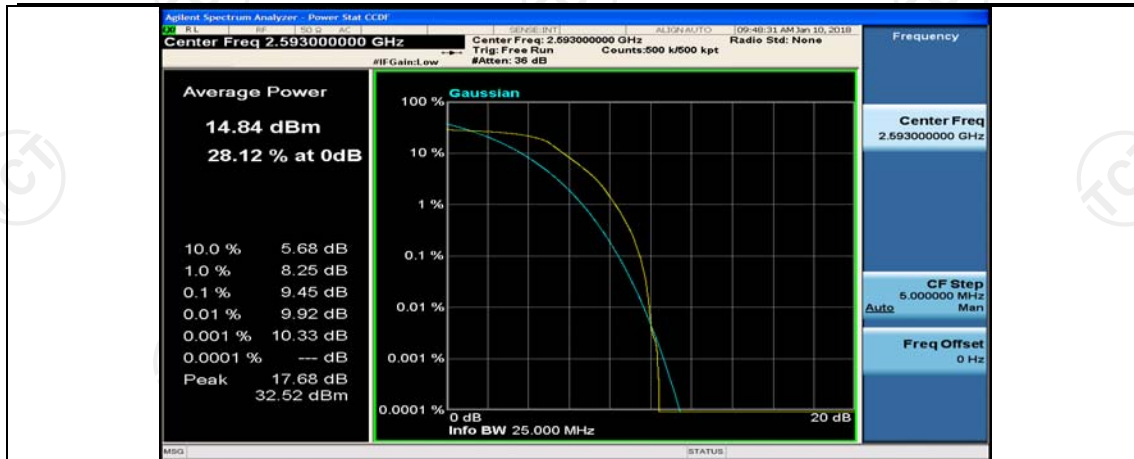
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



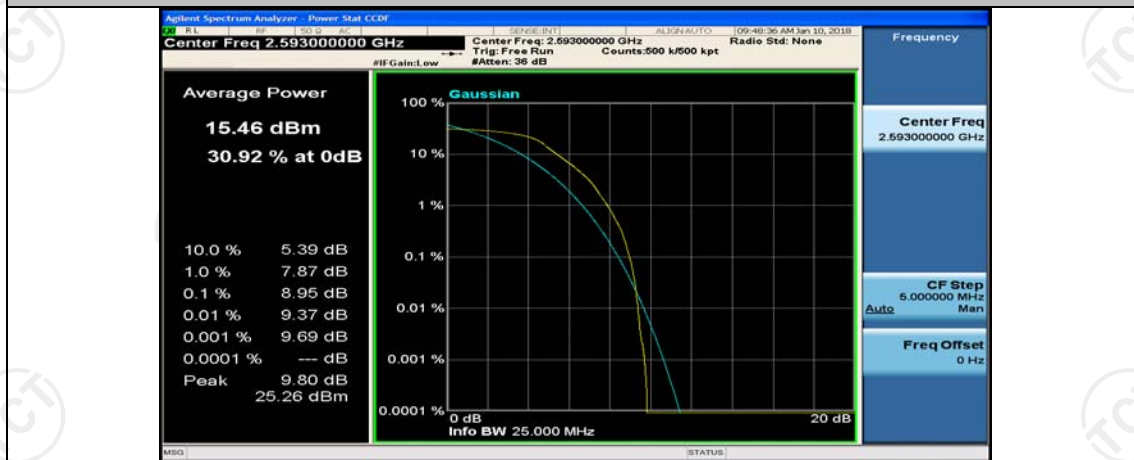
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



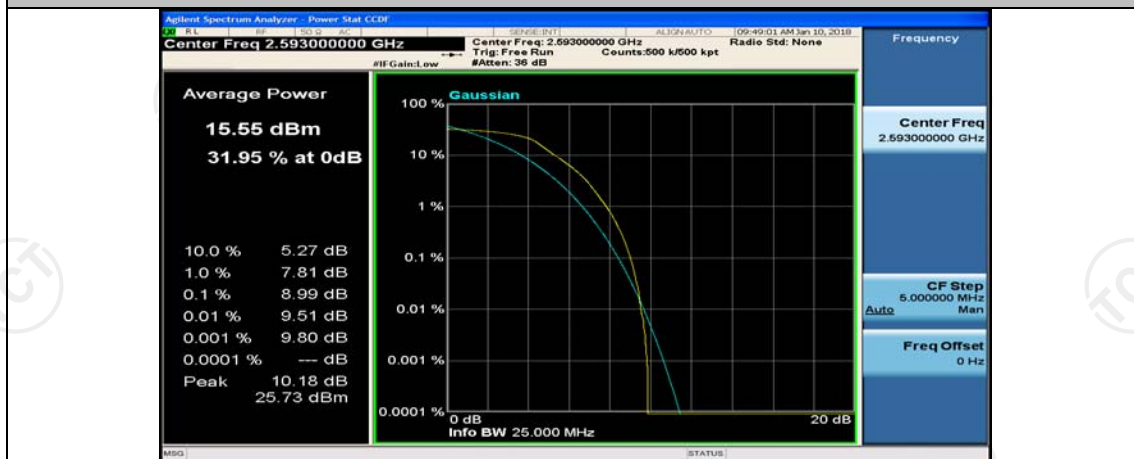
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



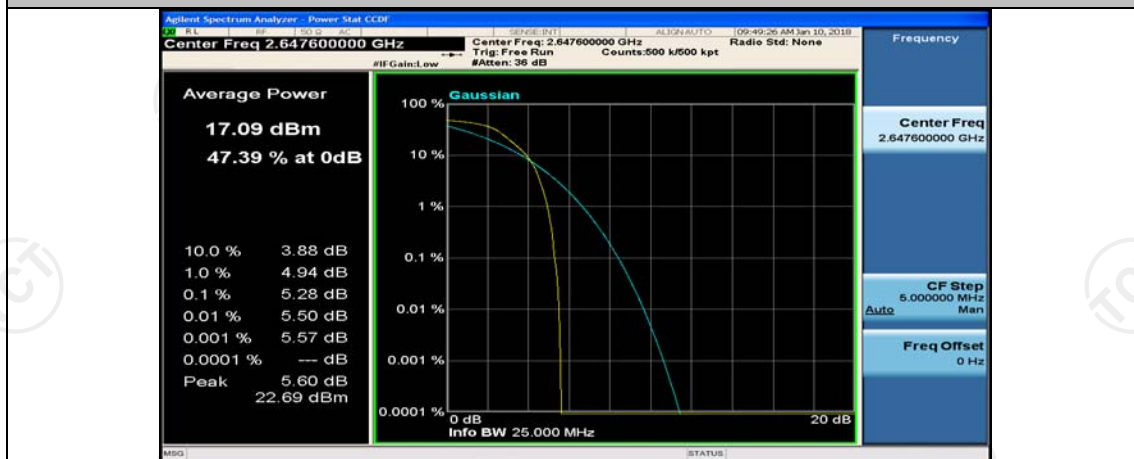
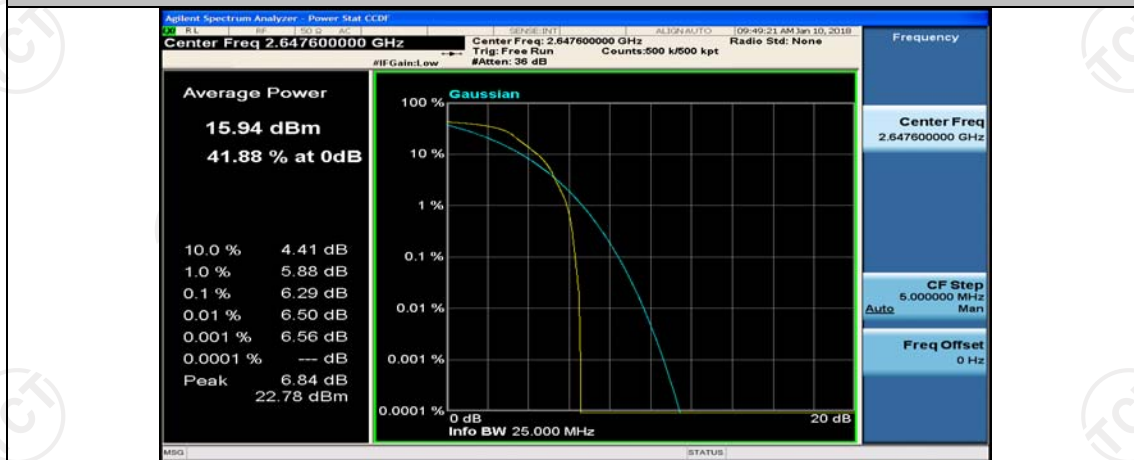
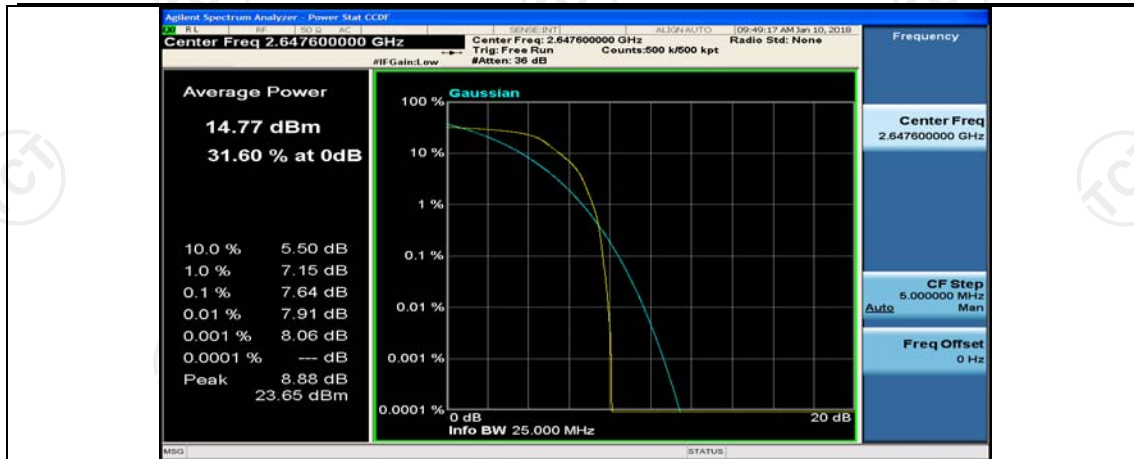
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13

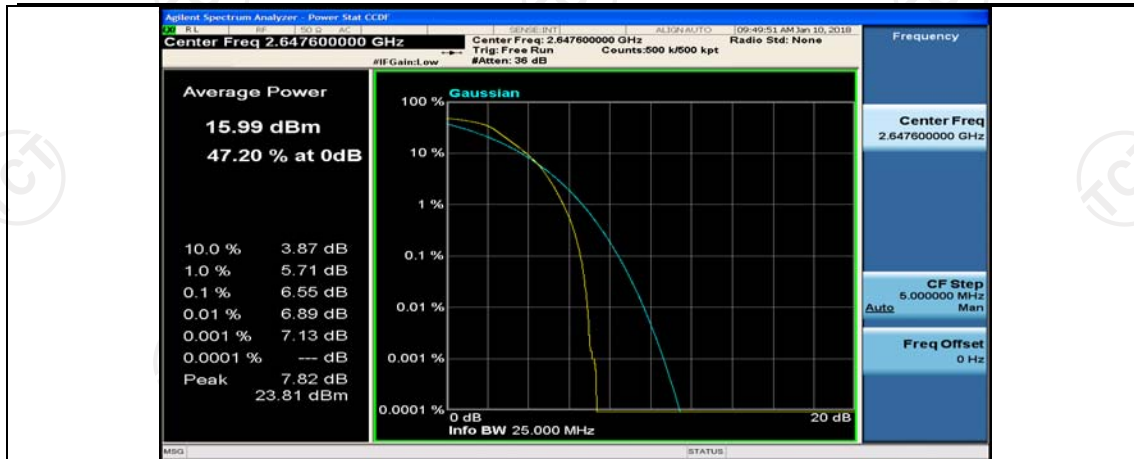


(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

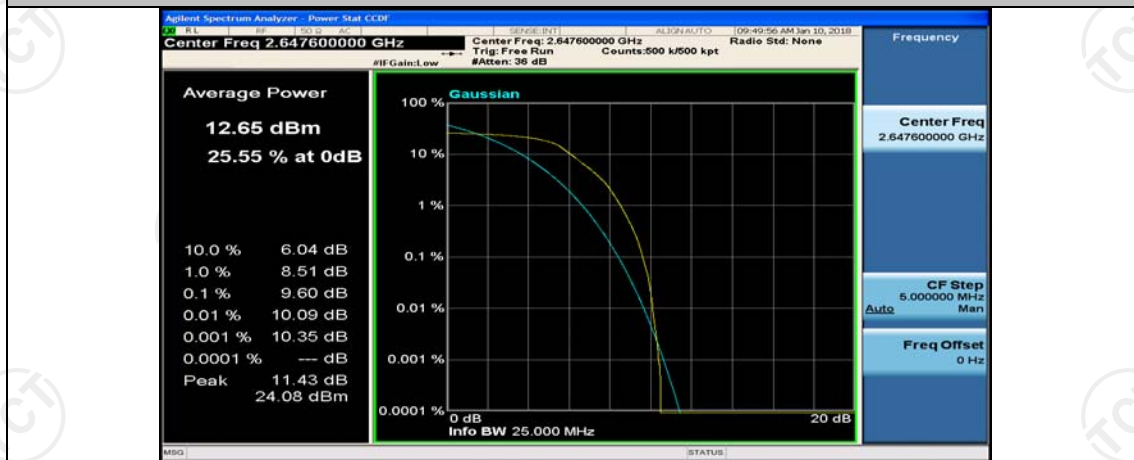


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

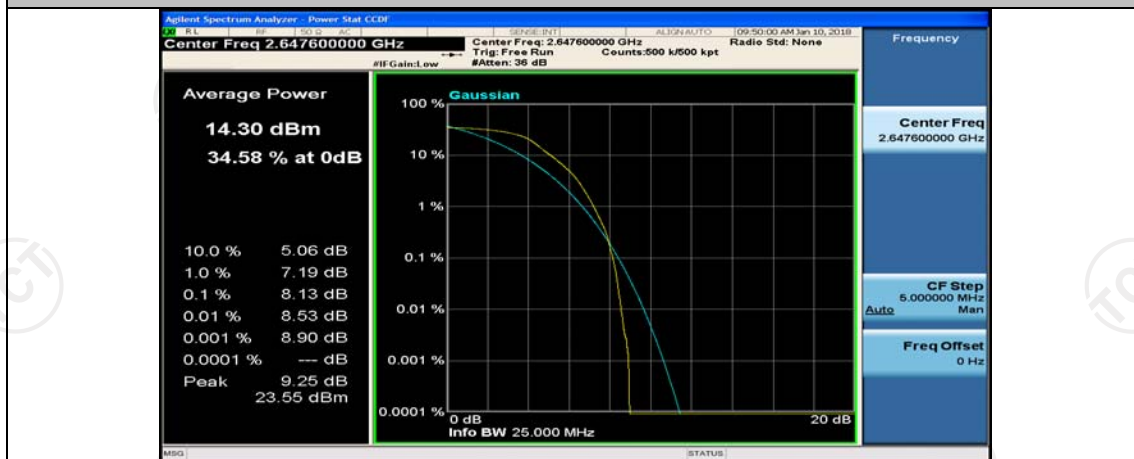




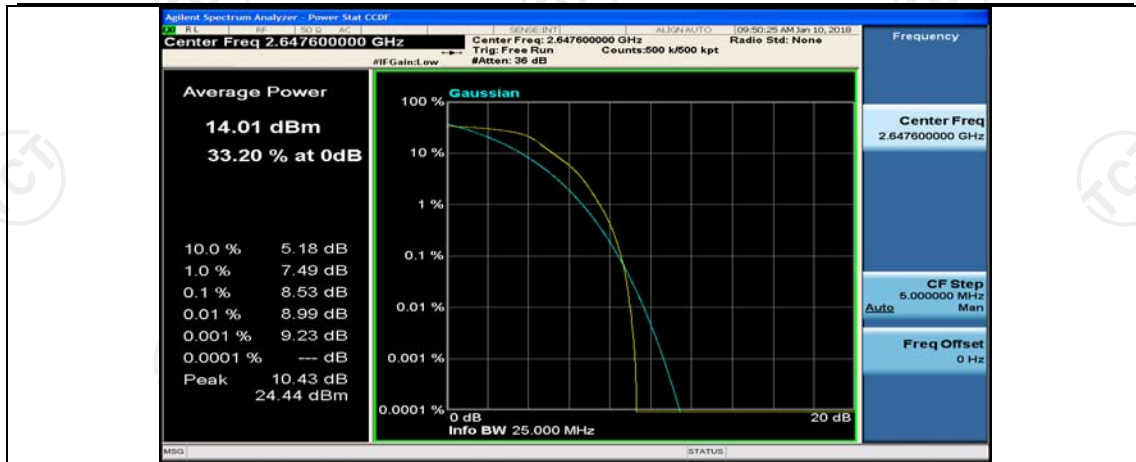
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



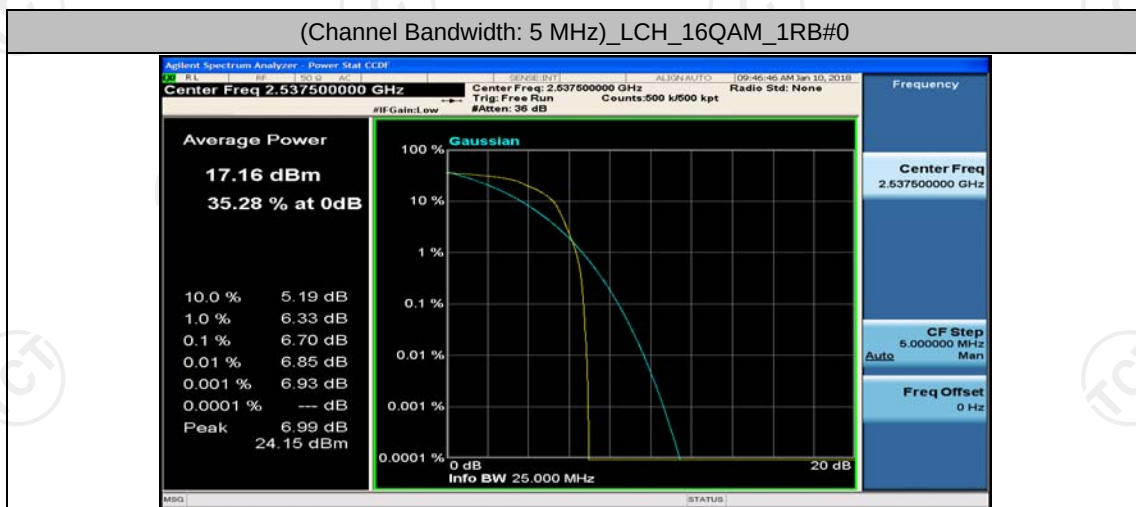
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



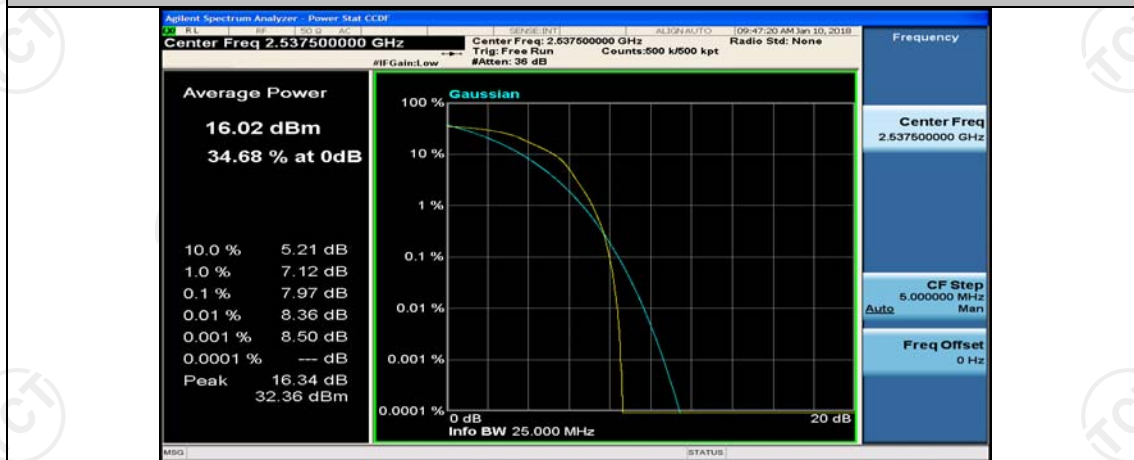
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



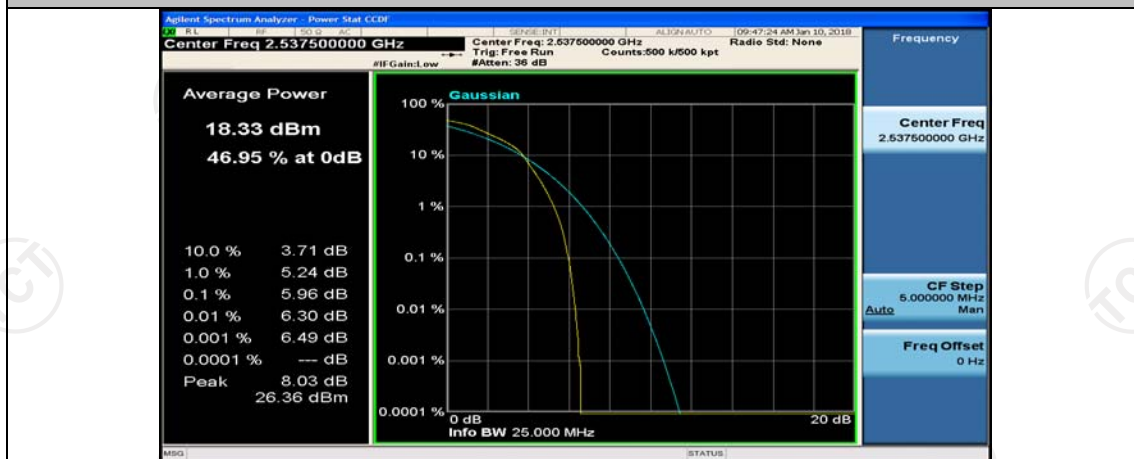
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



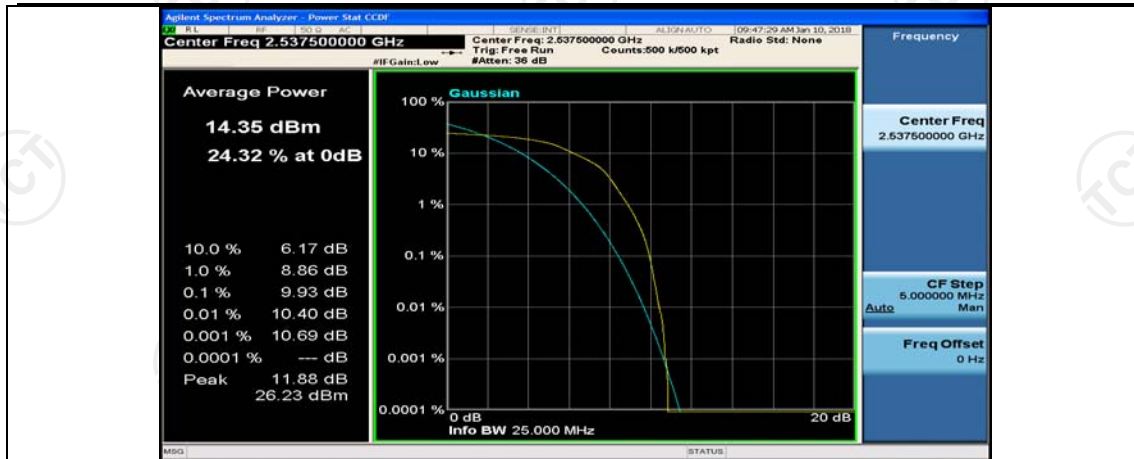
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



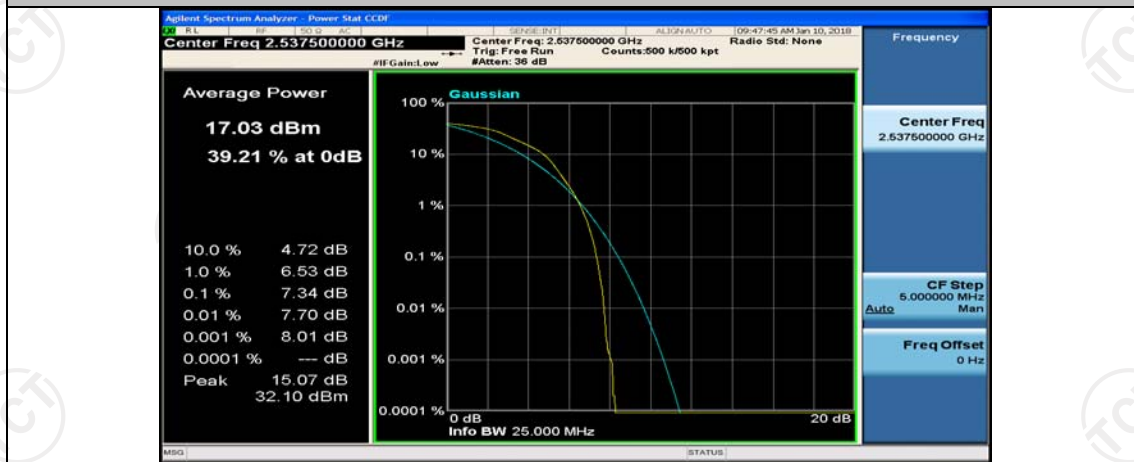
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



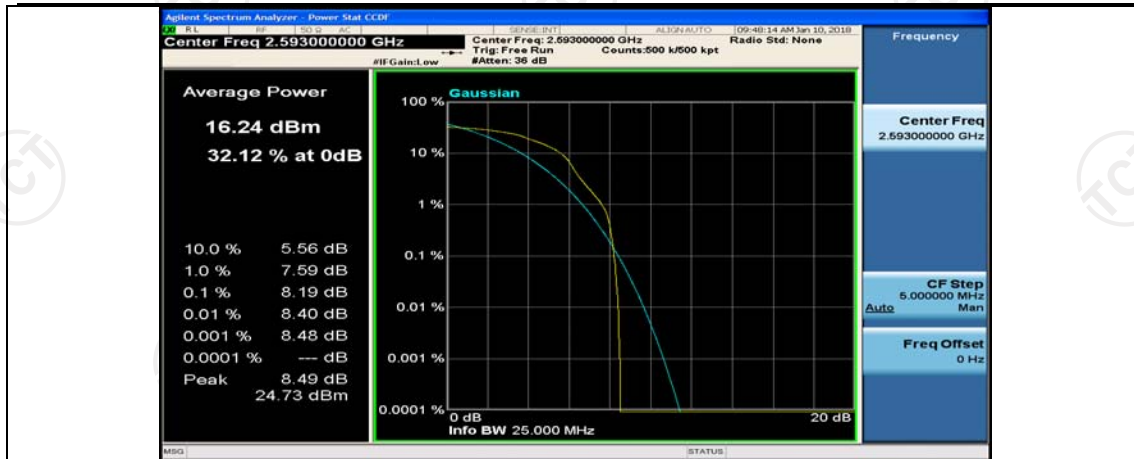
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



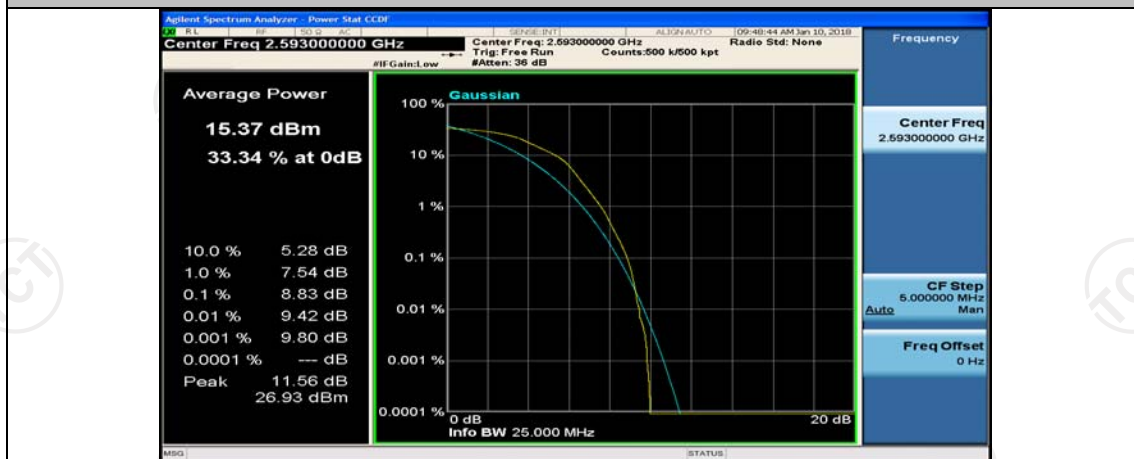
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



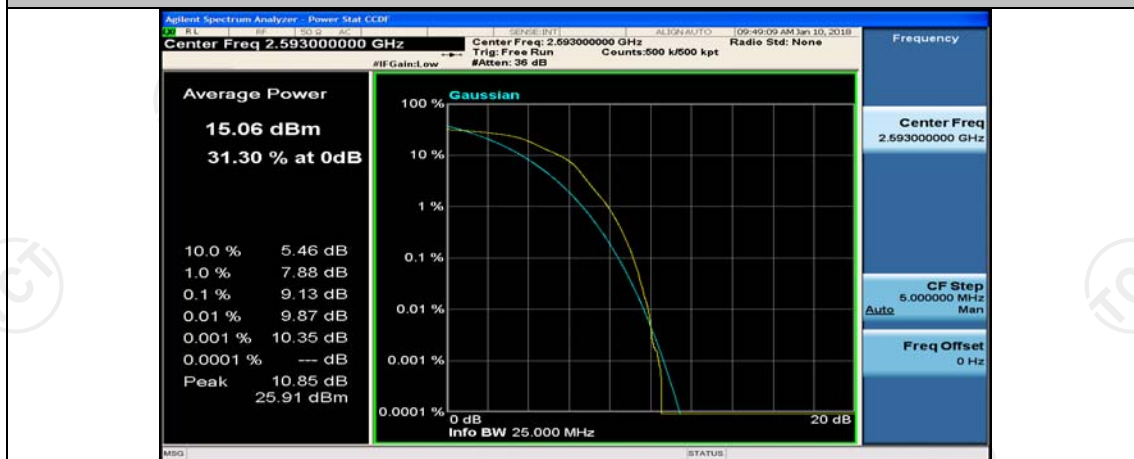
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



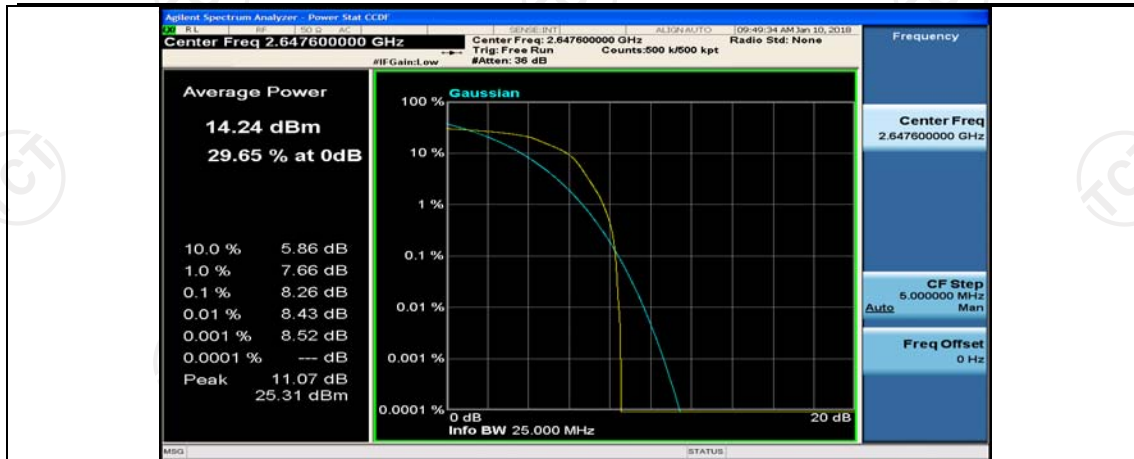
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



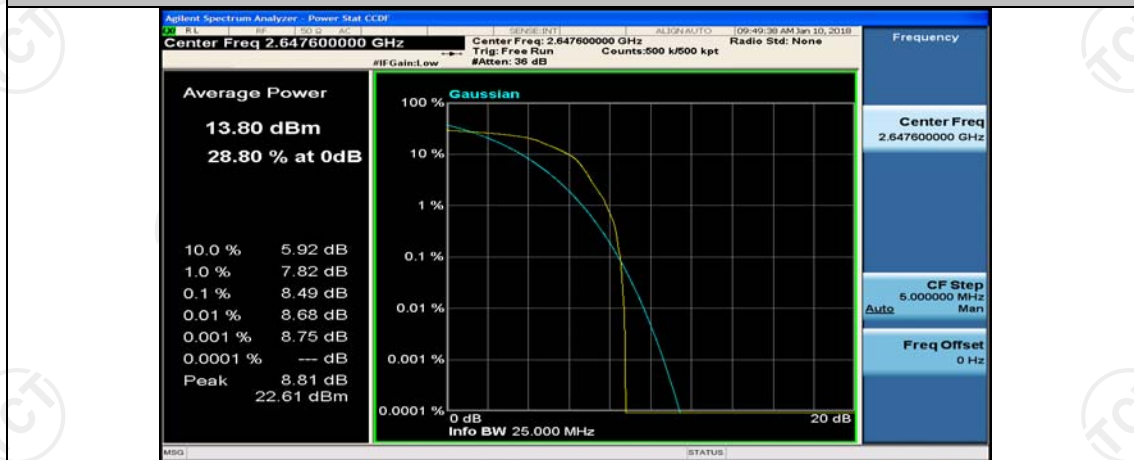
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



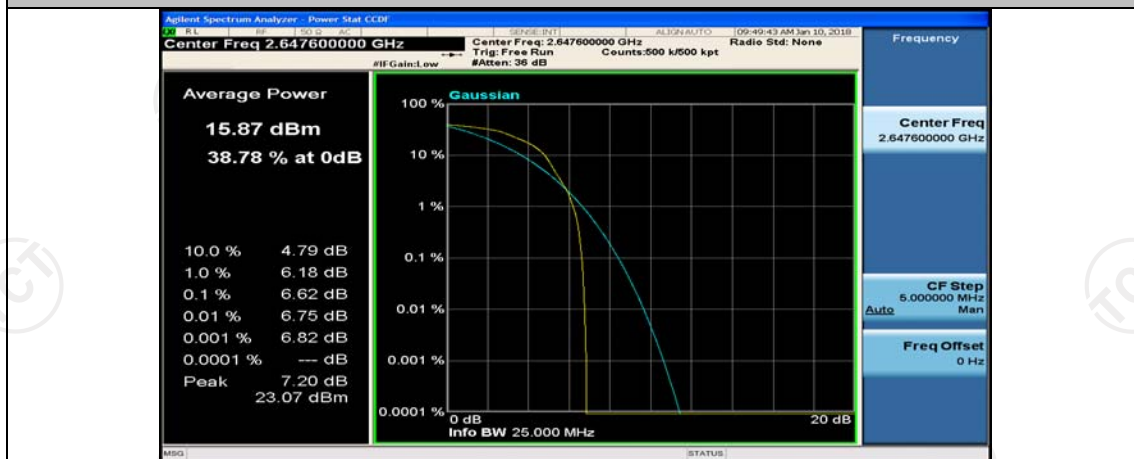
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



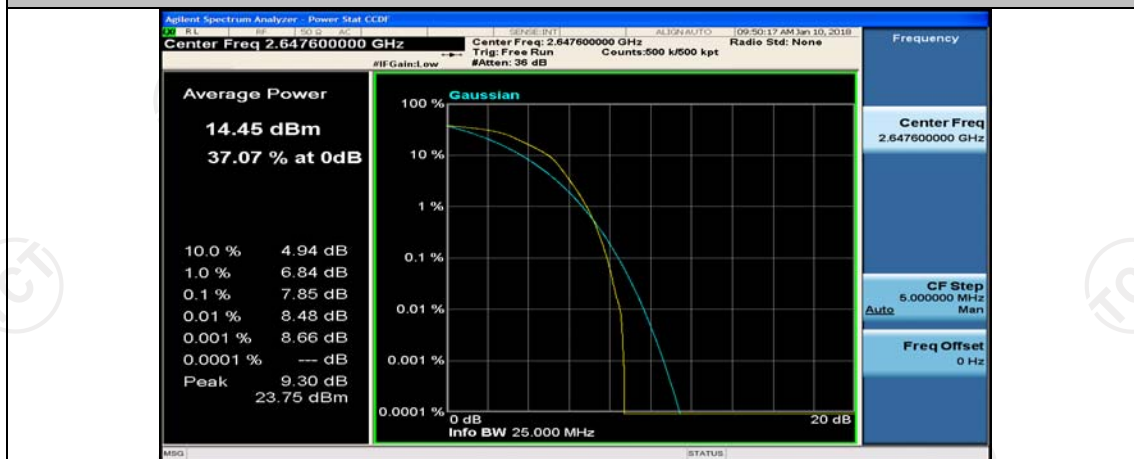
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



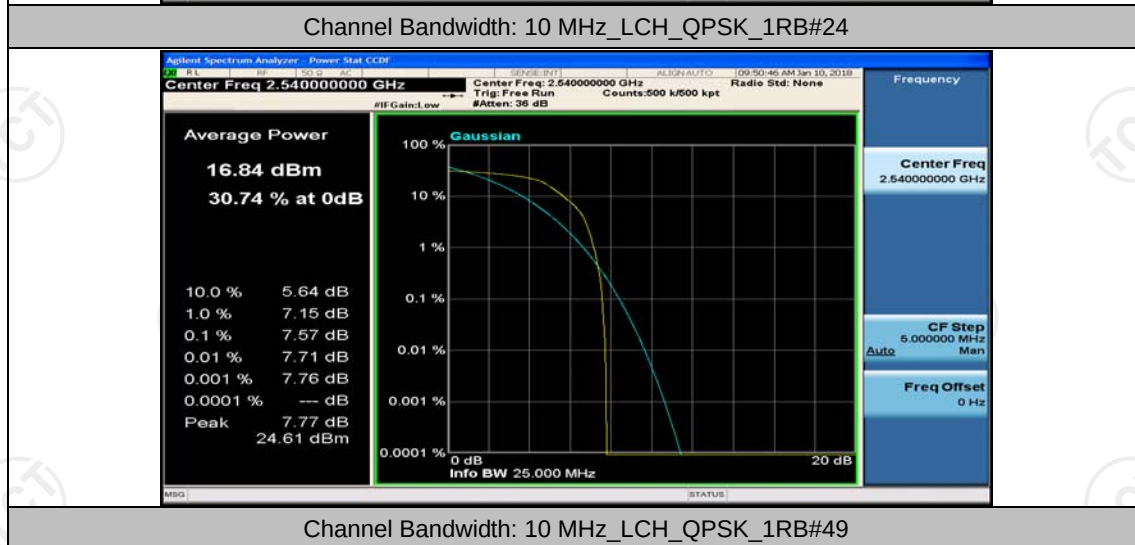
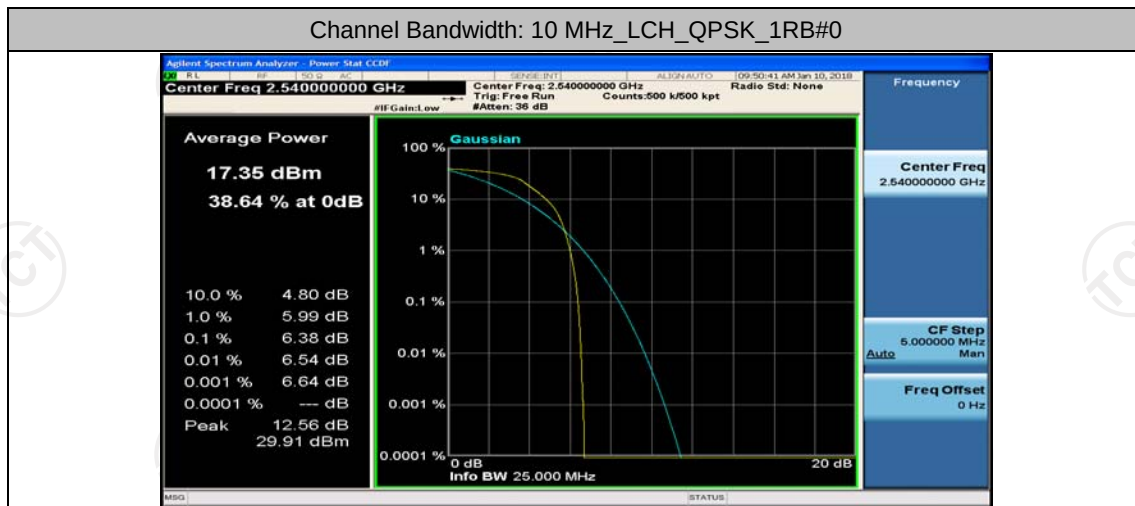
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

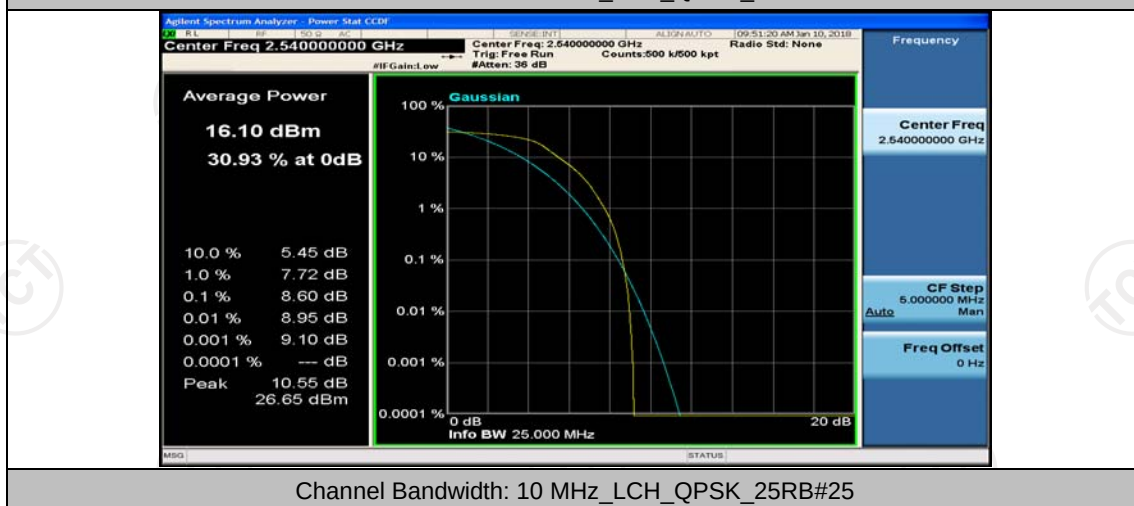


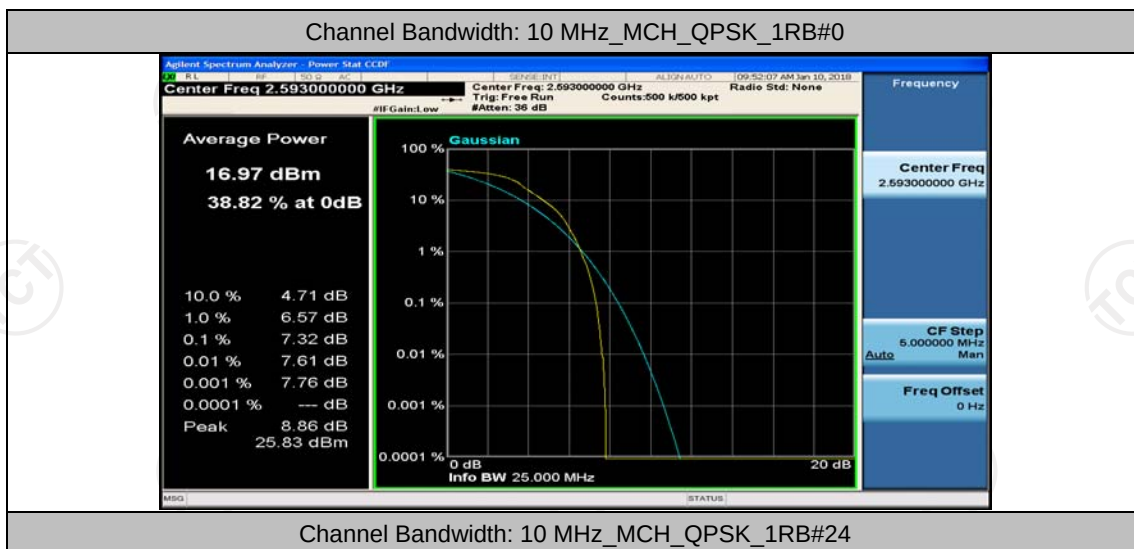
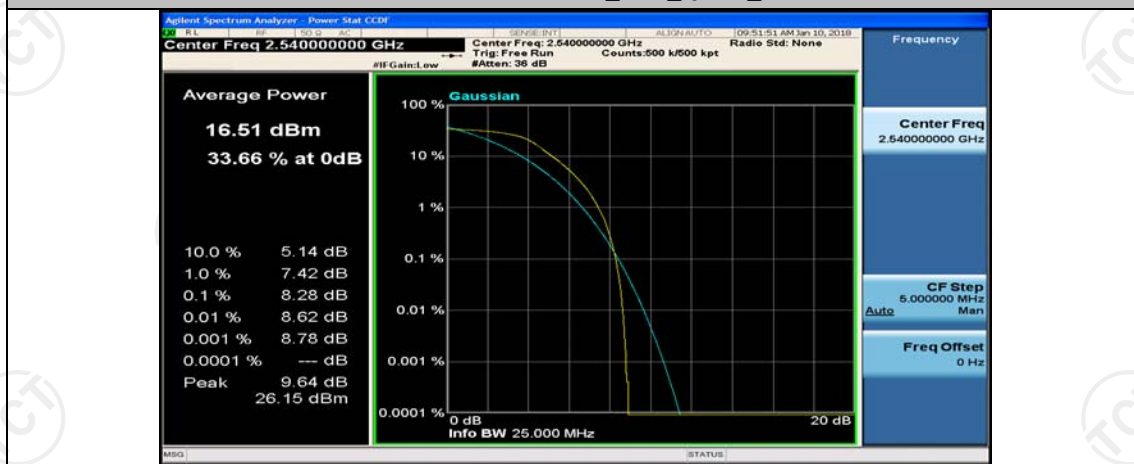
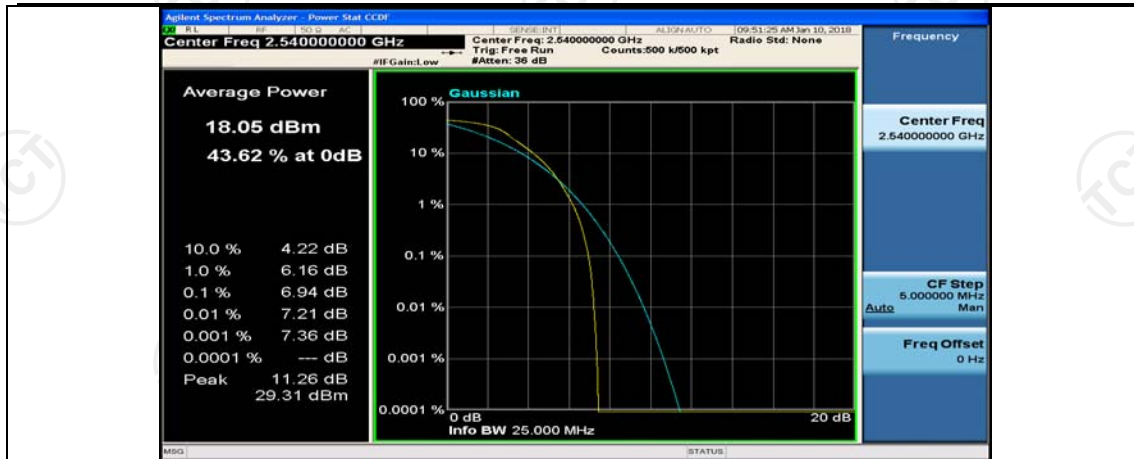
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



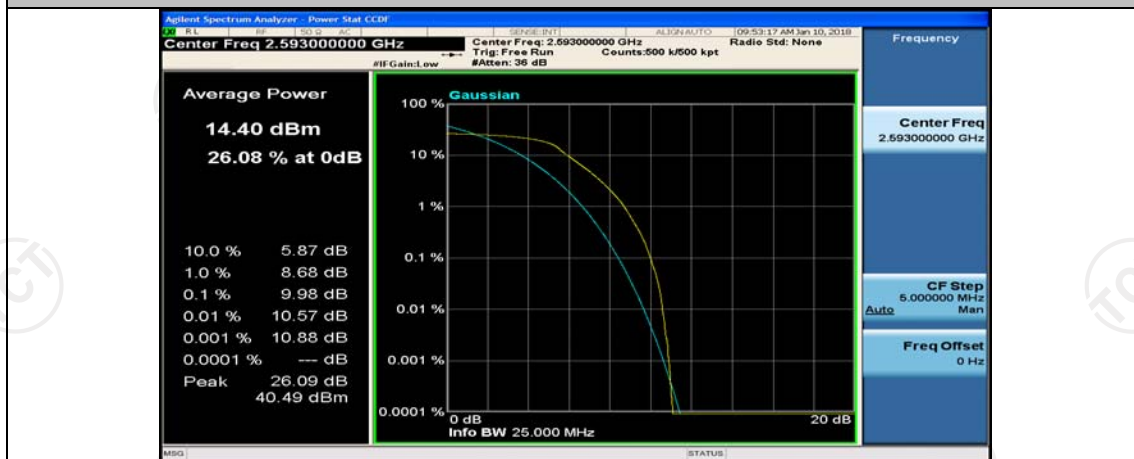
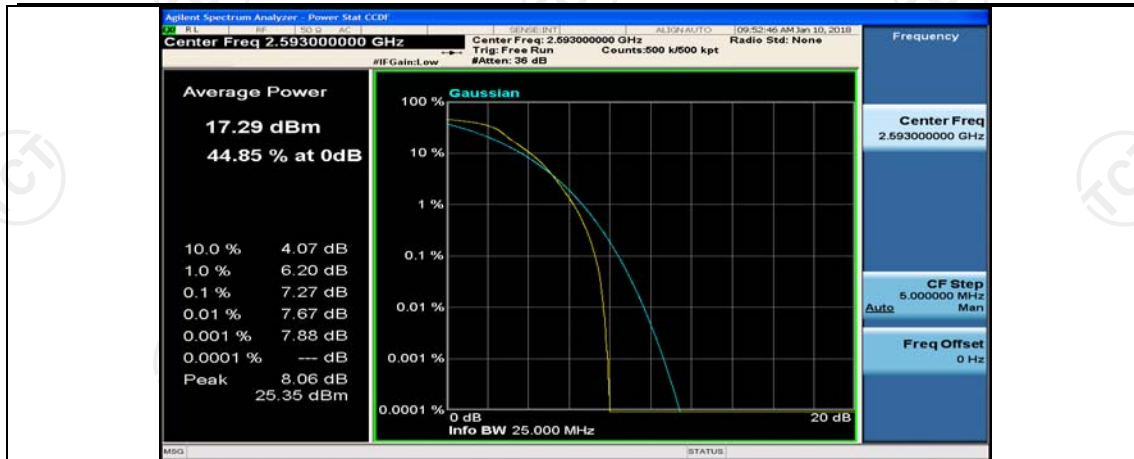
Channel Bandwidth: 10 MHz

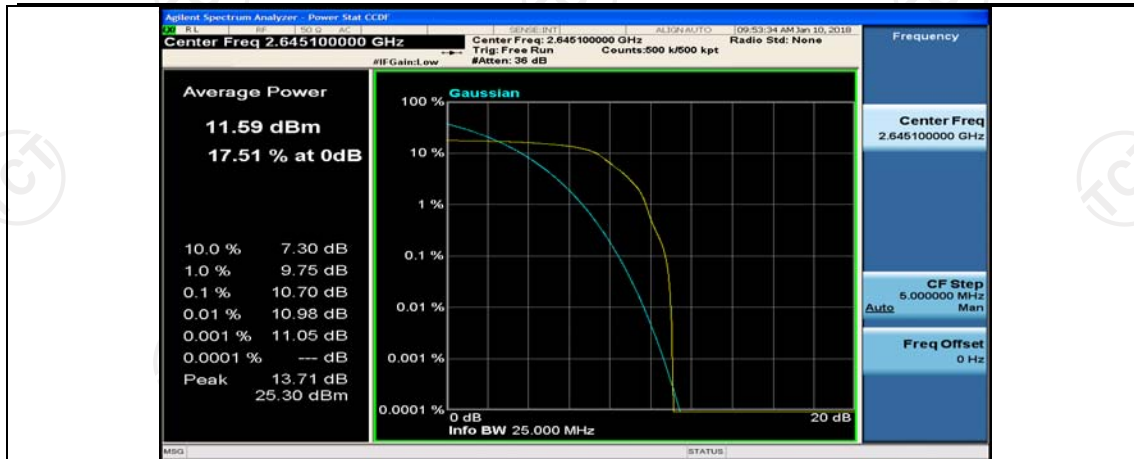


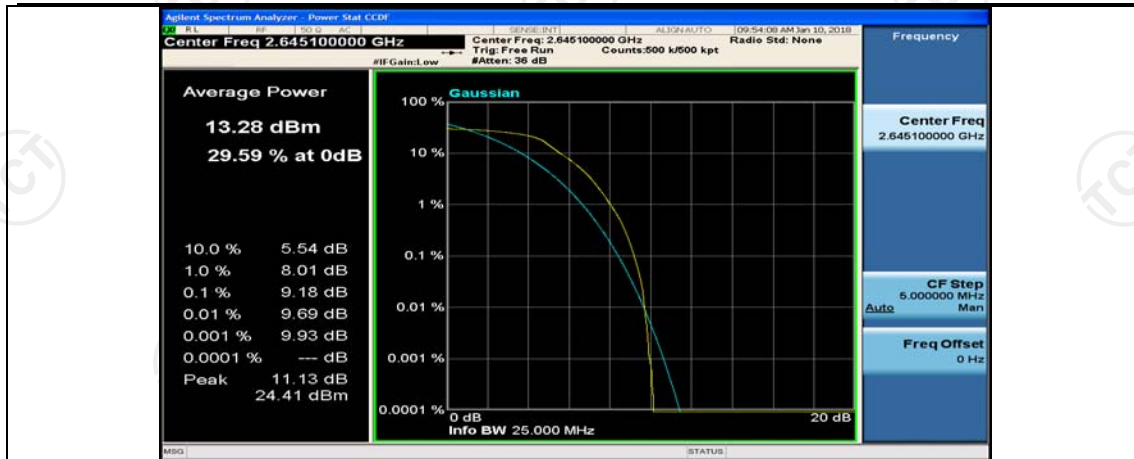


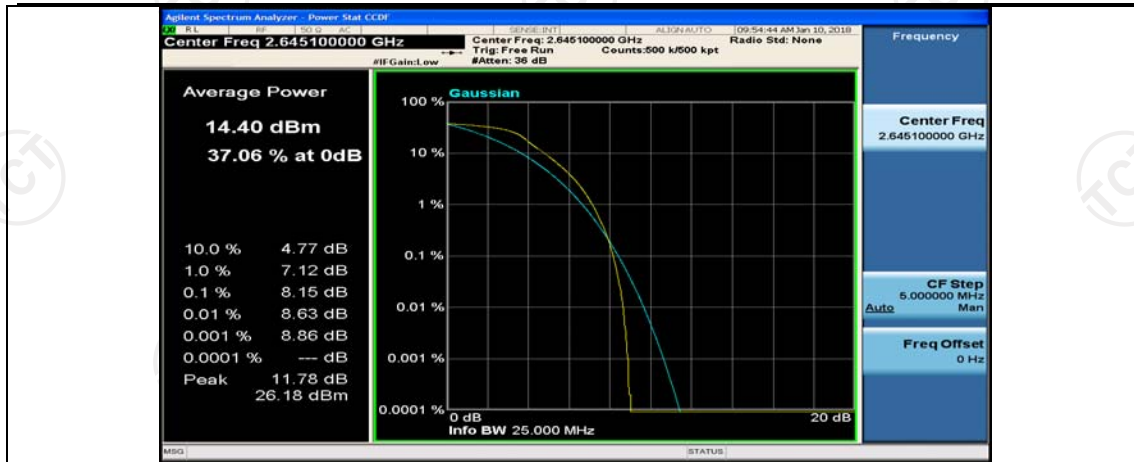




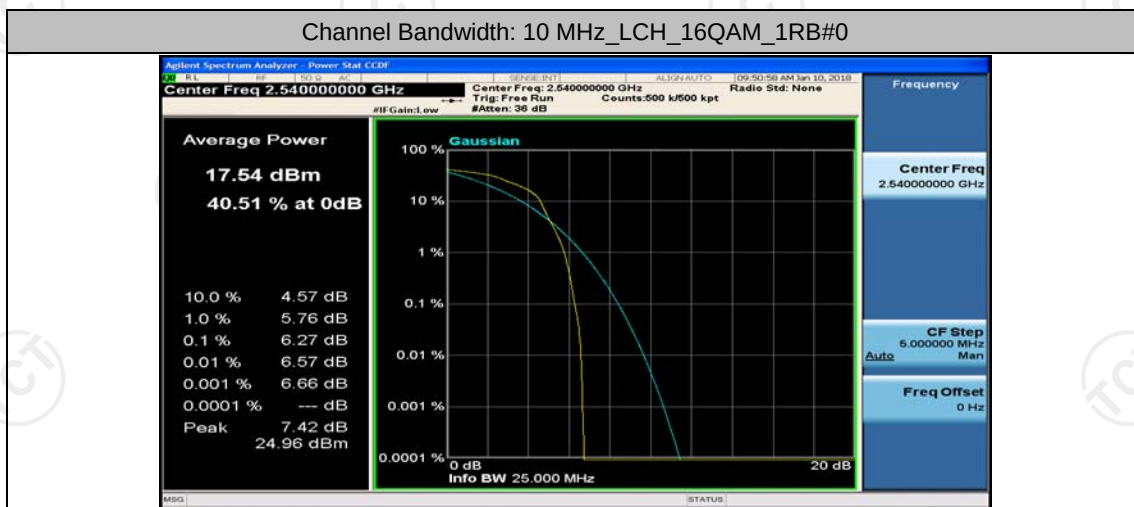








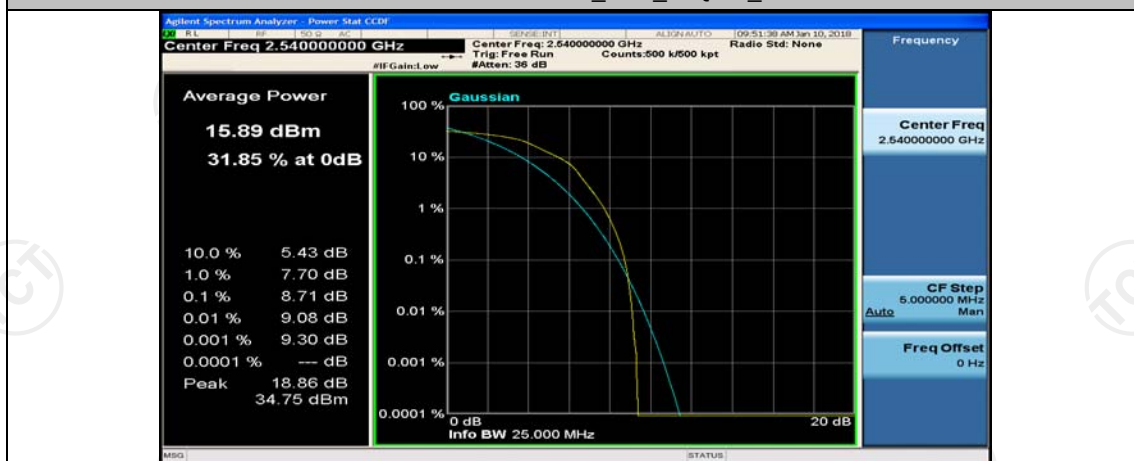
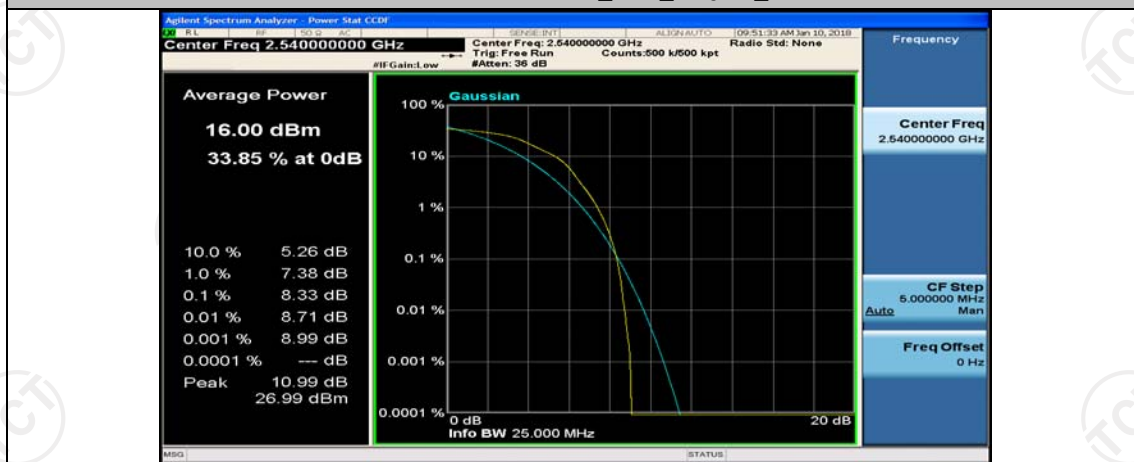
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

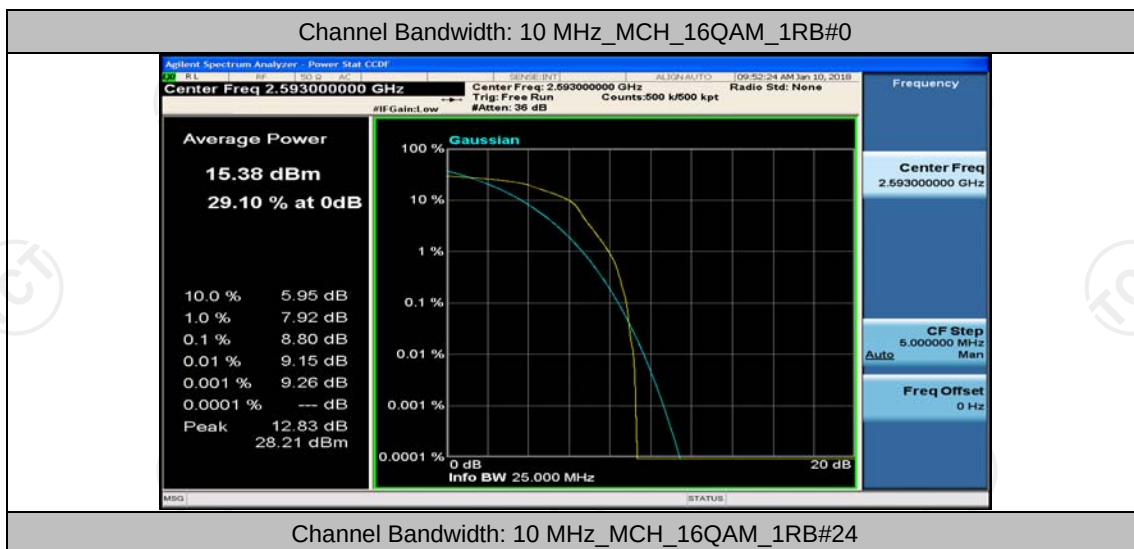
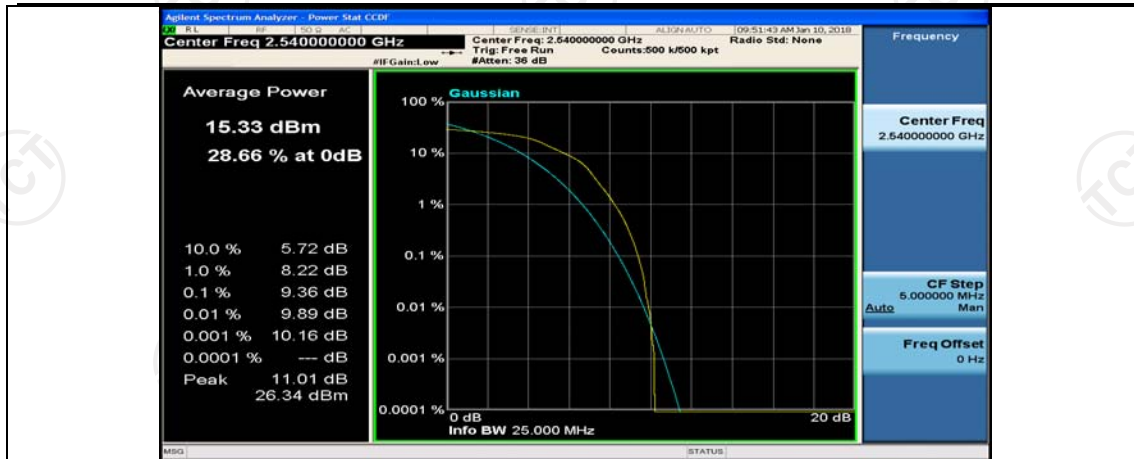


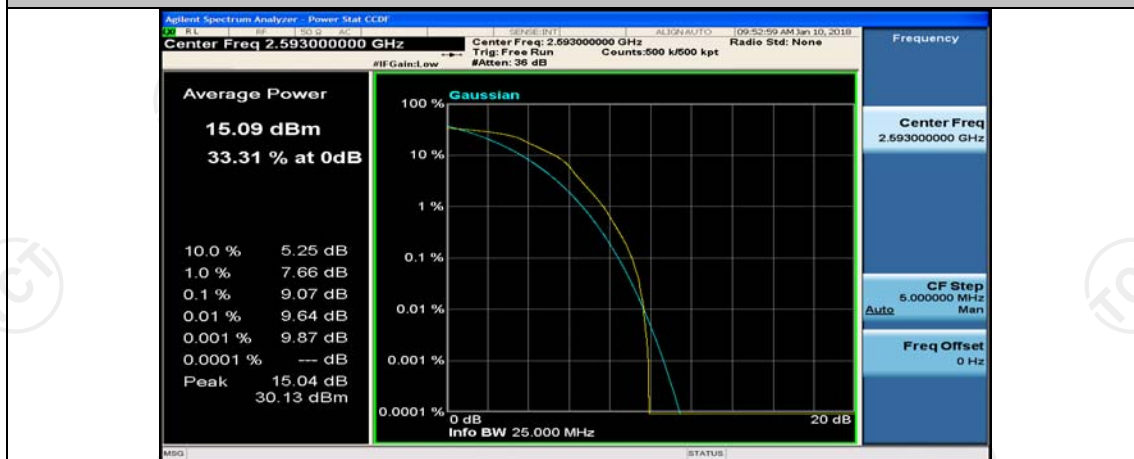
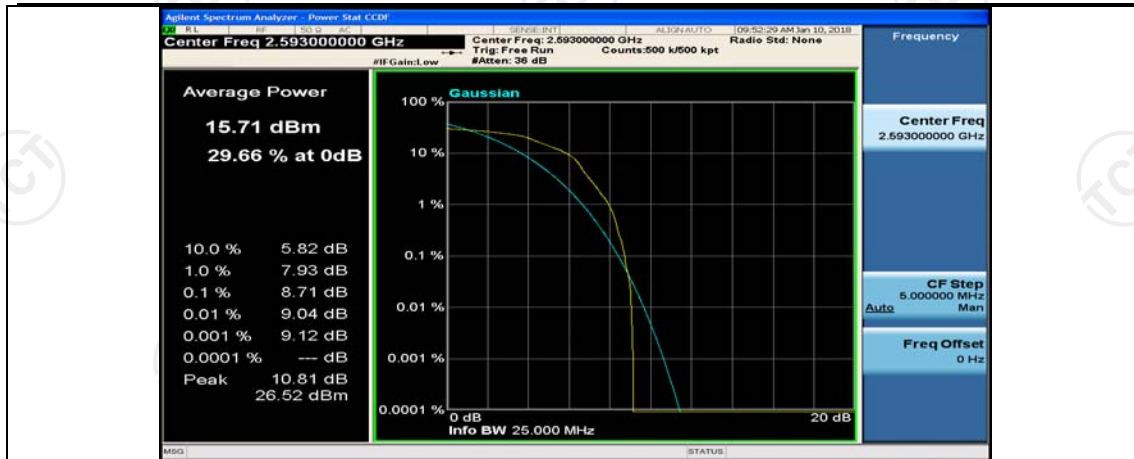
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

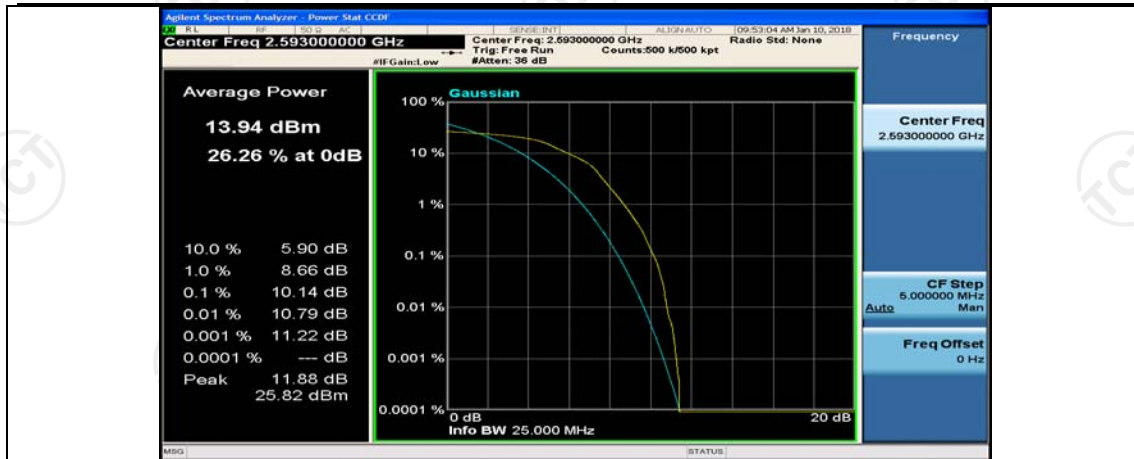


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

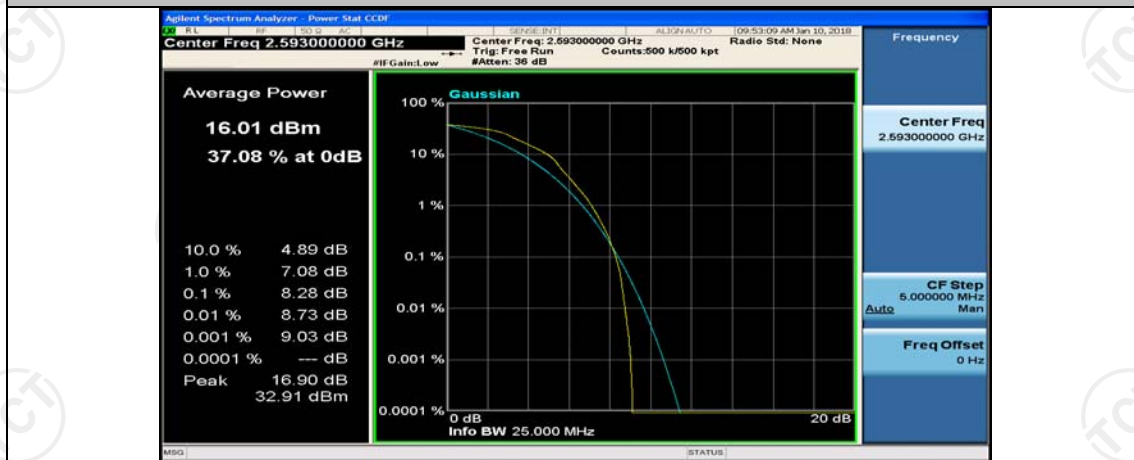




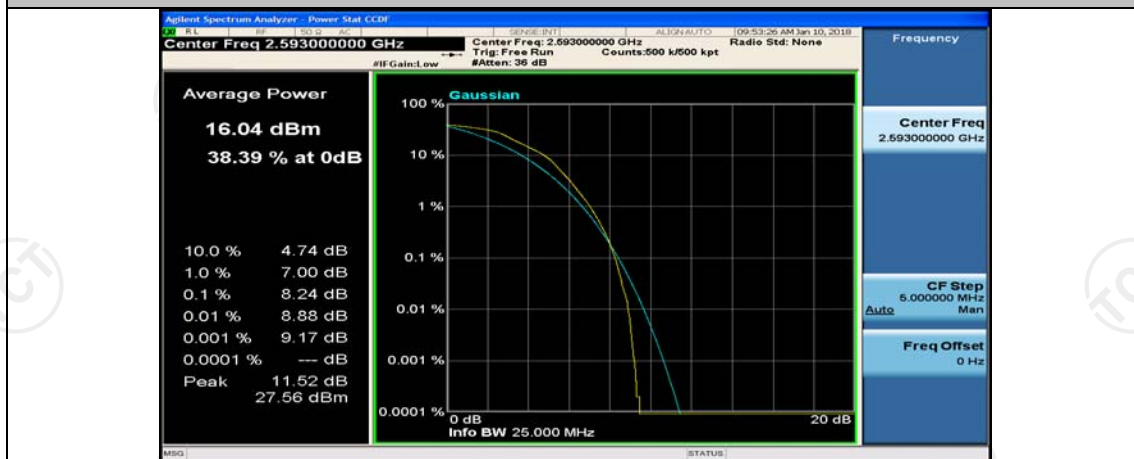




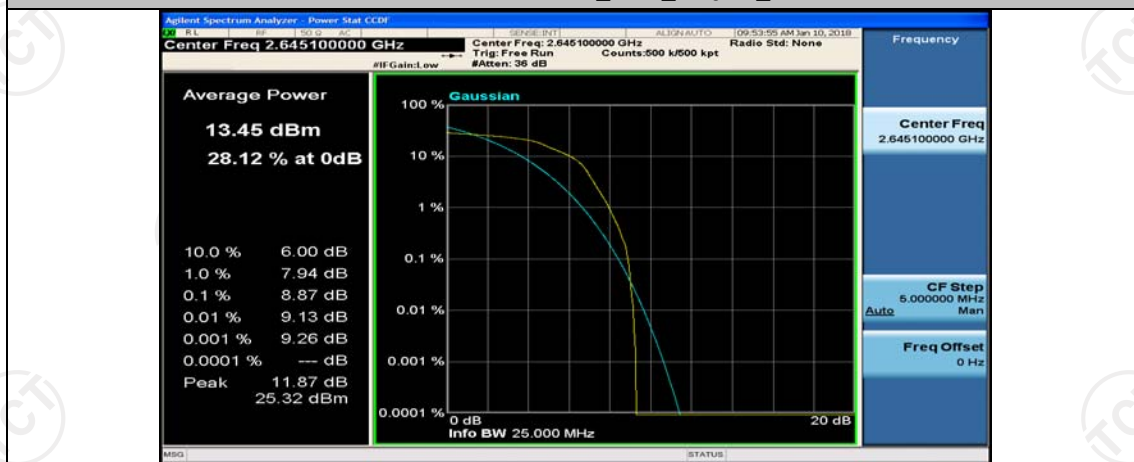
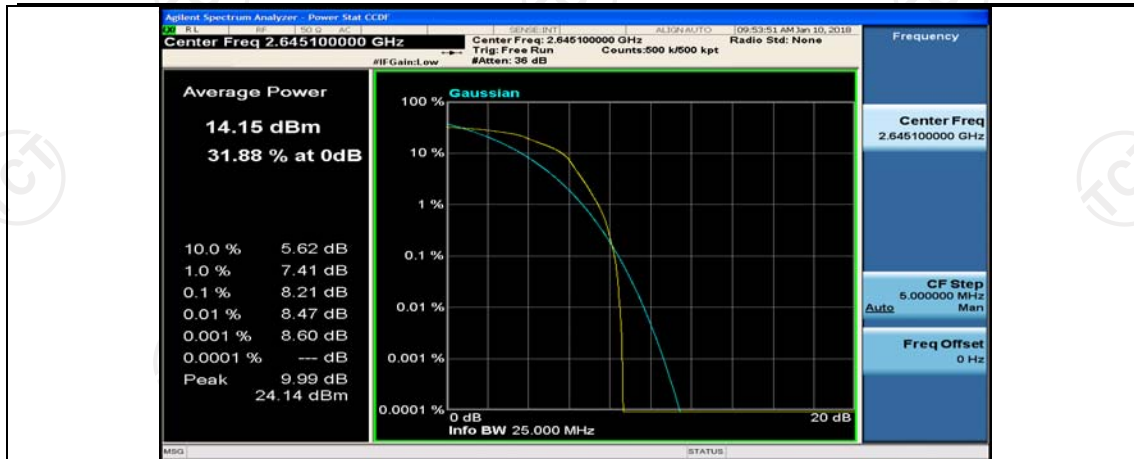
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25

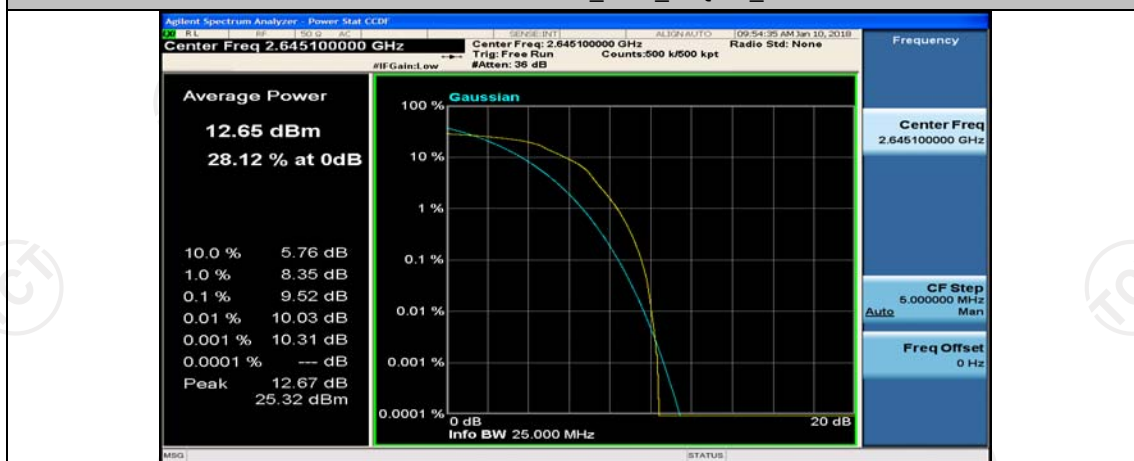
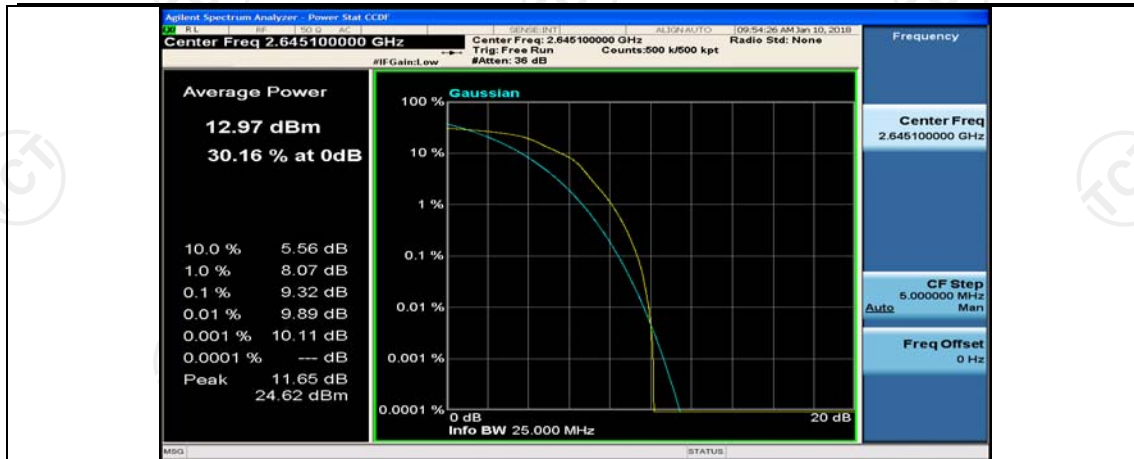


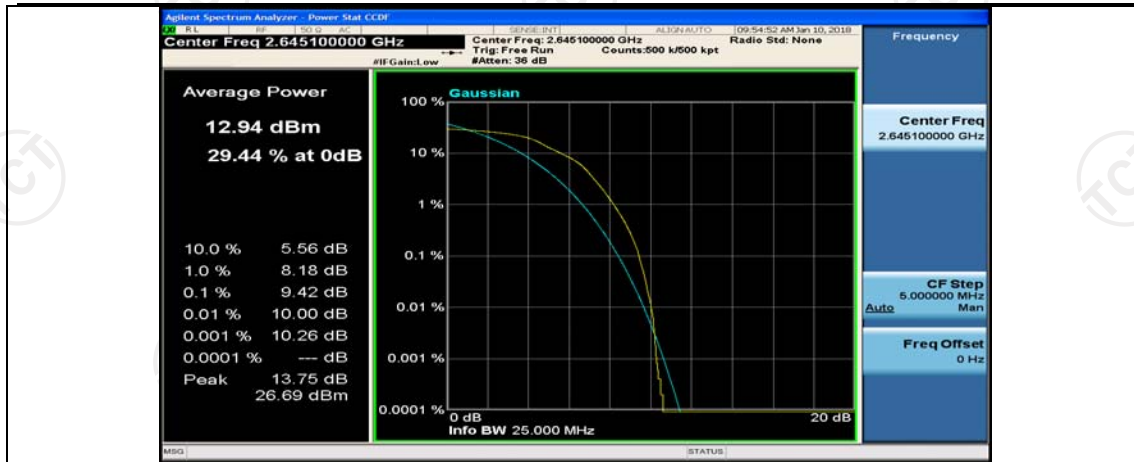
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

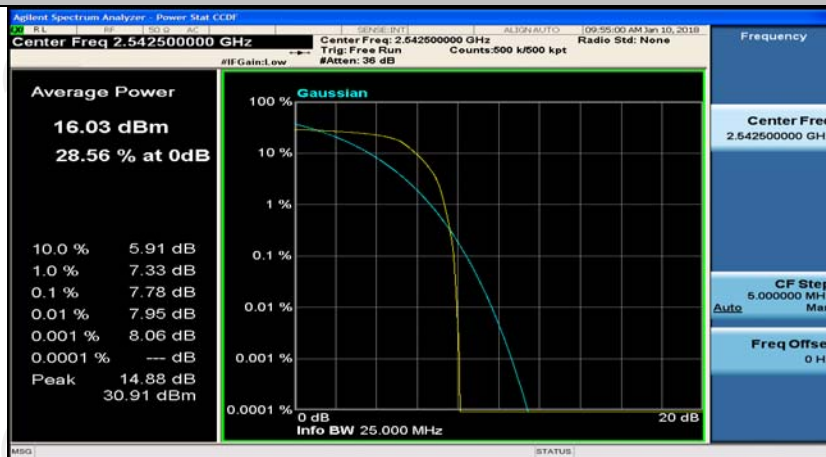






Channel Bandwidth: 15 MHz

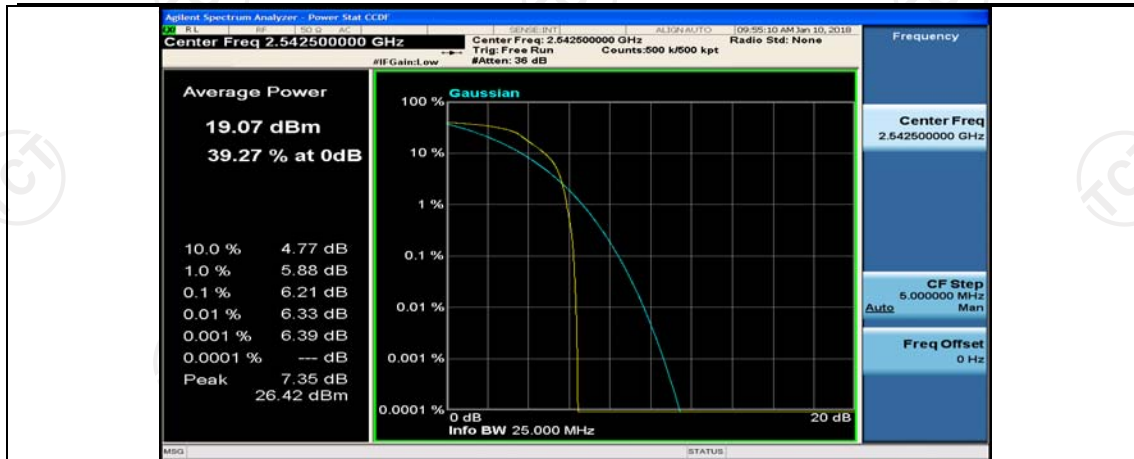
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0



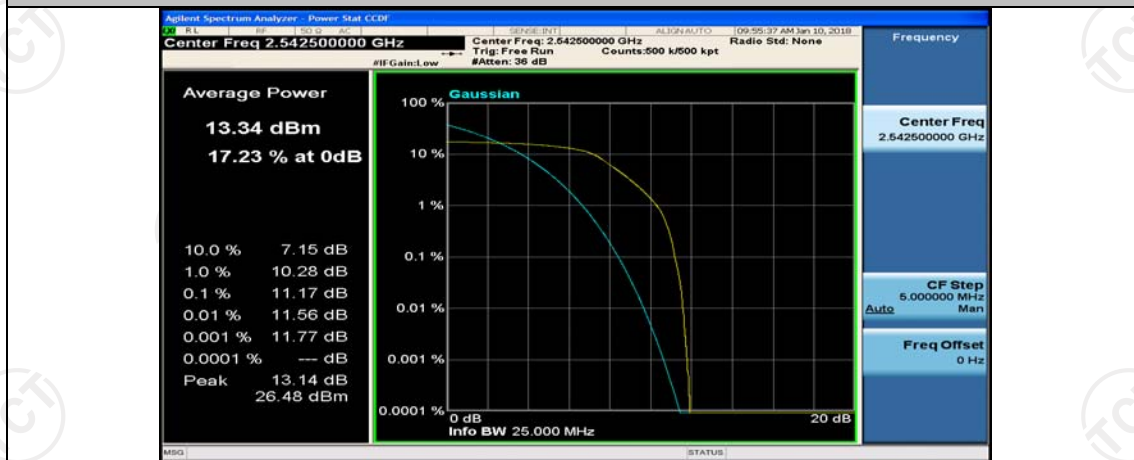
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37



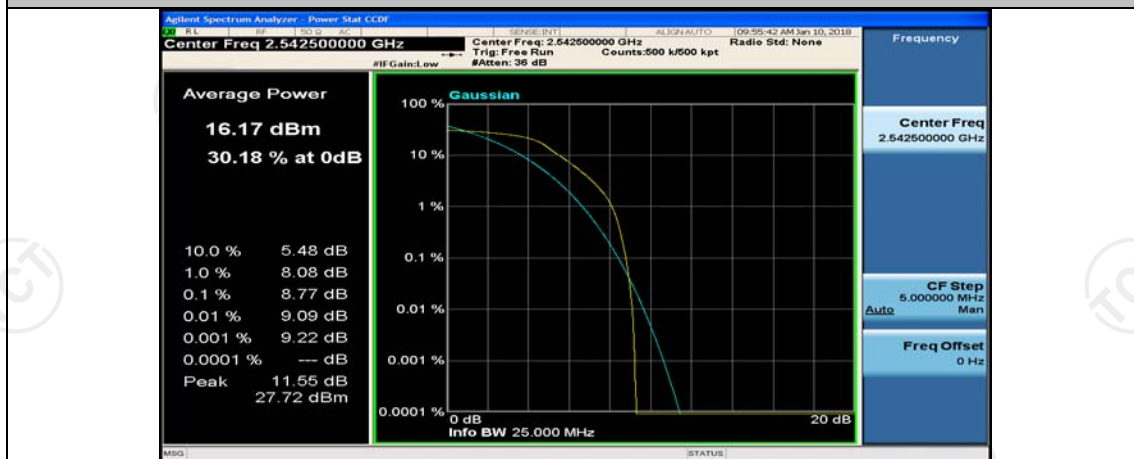
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#0



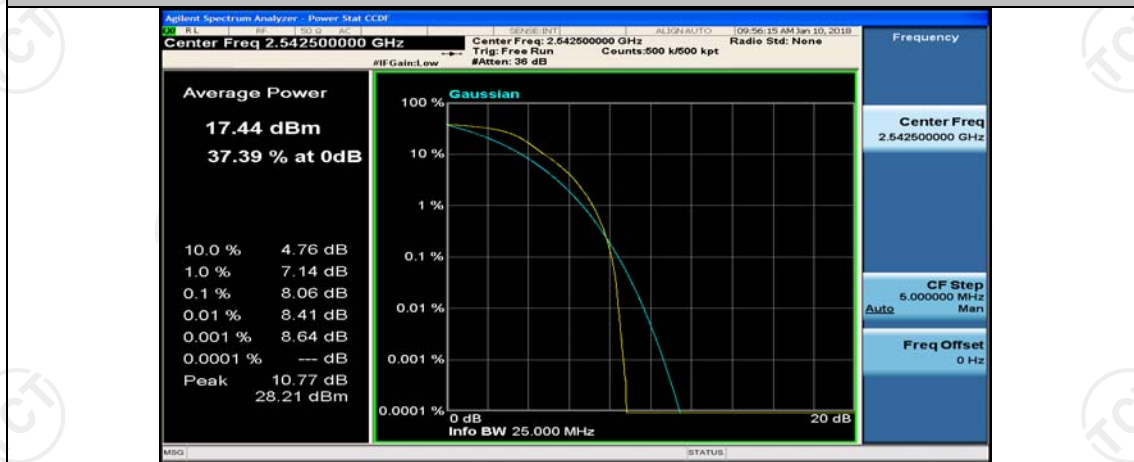
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



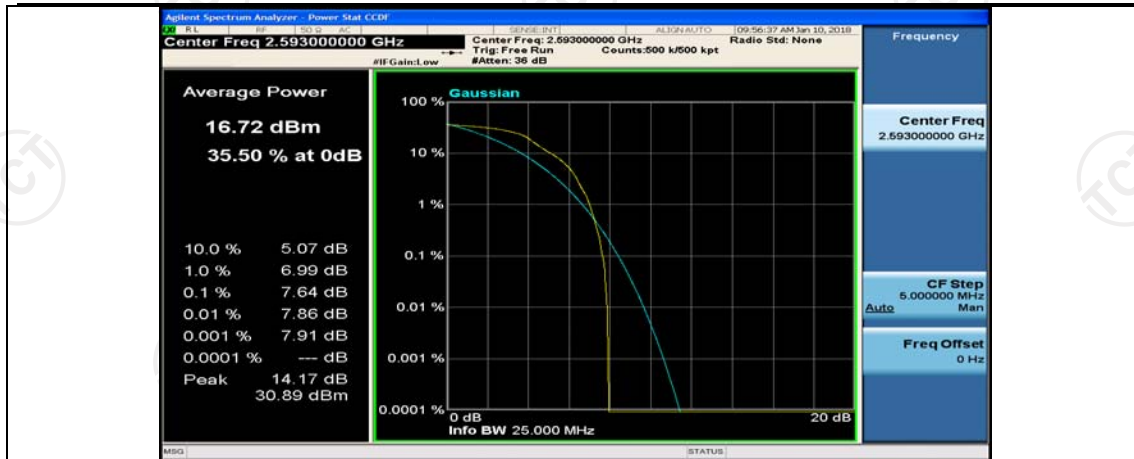
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



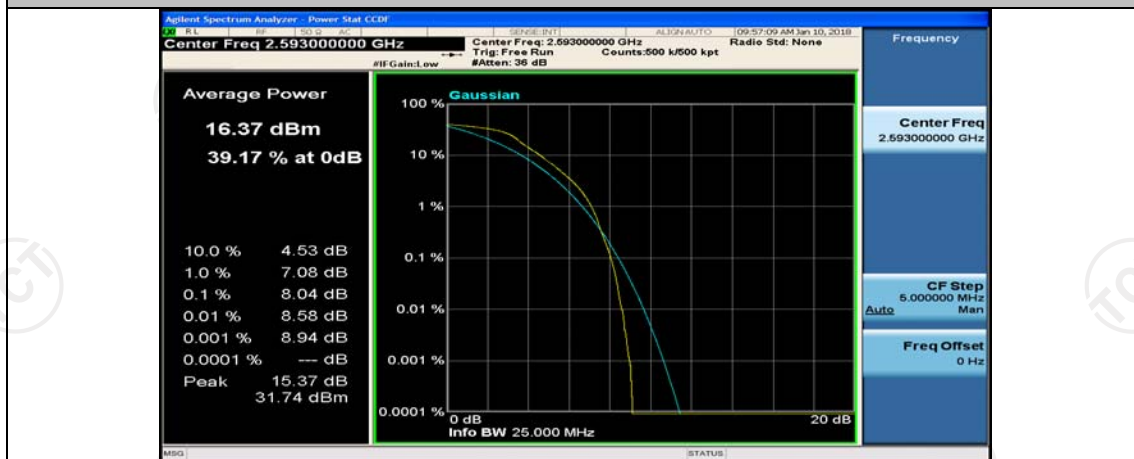
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



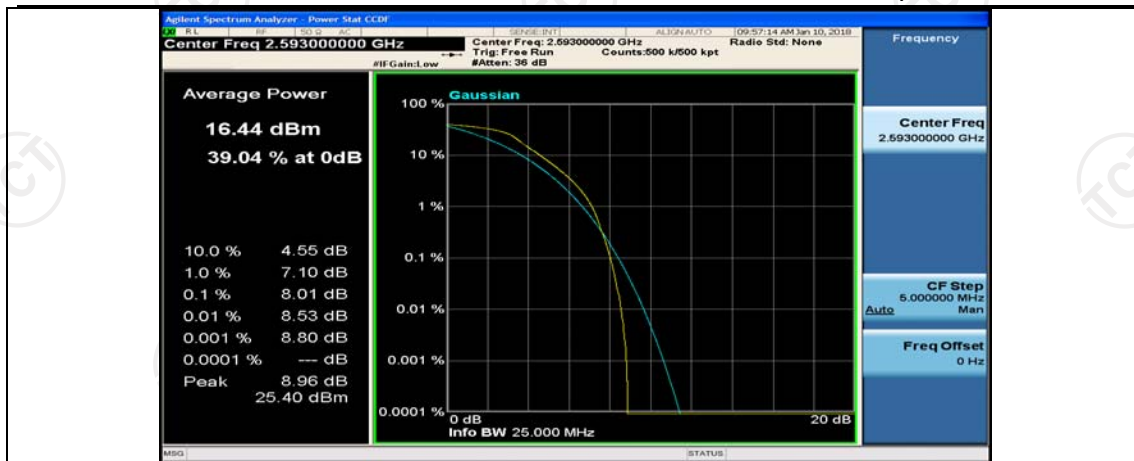
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



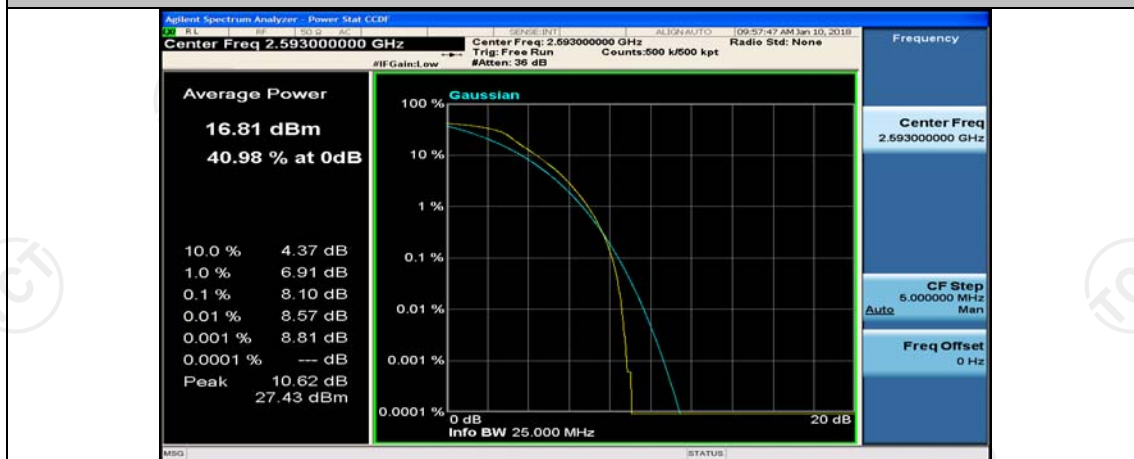
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



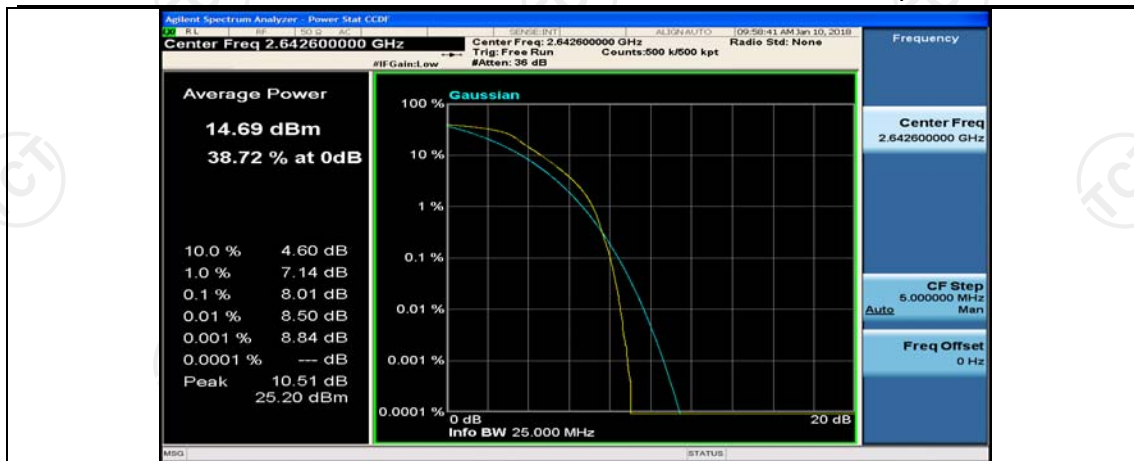
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



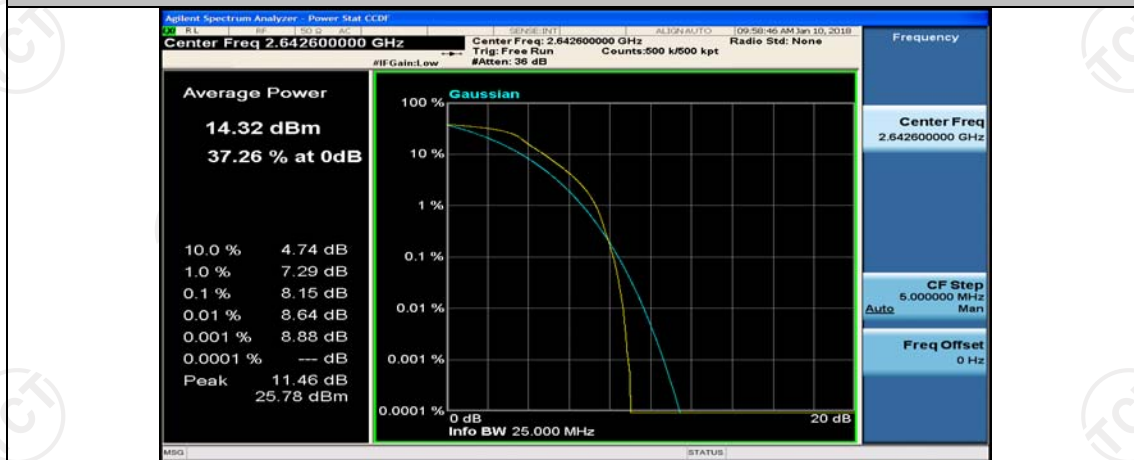
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



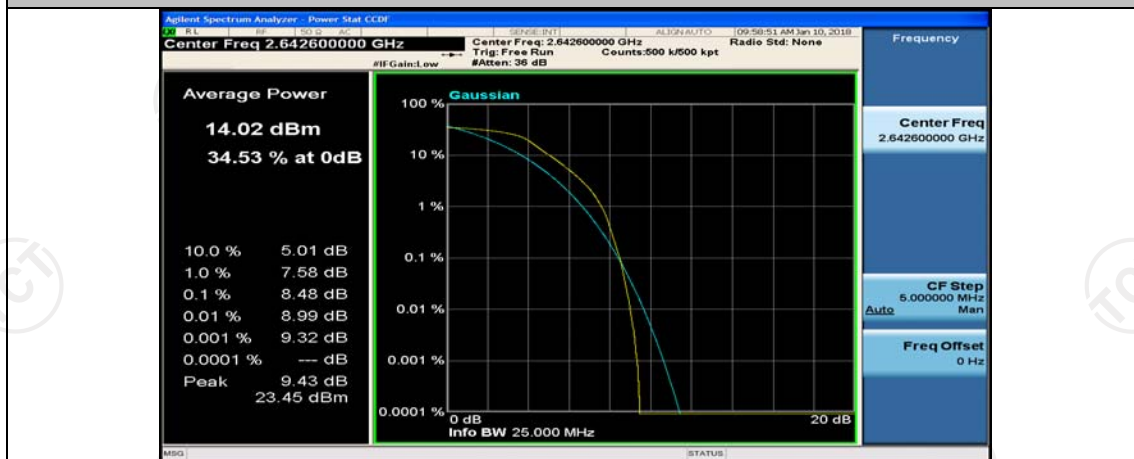
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0