

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	23.12	24.33	PASS
		1	12	23.26	24.47	PASS
		1	24	23.13	24.34	PASS
		12	0	22.22	23.43	PASS
		12	6	22.25	23.46	PASS
		12	13	22.25	23.46	PASS
		25	0	22.24	23.45	PASS
	MCH	1	0	23.28	24.49	PASS
		1	12	23.40	24.61	PASS
		1	24	23.31	24.52	PASS
		12	0	22.38	23.59	PASS
		12	6	22.37	23.58	PASS
		12	13	22.36	23.57	PASS
		25	0	22.36	23.57	PASS
	HCH	1	0	23.47	24.68	PASS
		1	12	23.55	24.76	PASS
		1	24	23.44	24.65	PASS
		12	0	22.53	23.74	PASS
		12	6	22.51	23.72	PASS
		12	13	22.46	23.67	PASS
		25	0	22.50	23.71	PASS
16QAM	LCH	1	0	22.31	23.52	PASS
		1	12	22.44	23.65	PASS
		1	24	22.38	23.59	PASS
		12	0	21.27	22.48	PASS
		12	6	21.29	22.50	PASS
		12	13	21.30	22.51	PASS
		25	0	21.26	22.47	PASS
	MCH	1	0	22.45	23.66	PASS
		1	12	22.59	23.80	PASS
		1	24	22.51	23.72	PASS
		12	0	21.47	22.68	PASS
		12	6	21.50	22.71	PASS

		12	13	21.49	22.70	PASS
		25	0	21.42	22.63	PASS
	HCH	1	0	22.55	23.76	PASS
		1	12	22.69	23.90	PASS
		1	24	22.56	23.77	PASS
		12	0	21.49	22.70	PASS
		12	6	21.49	22.70	PASS
		12	13	21.43	22.64	PASS
		25	0	21.51	22.72	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	23.23	24.44	PASS
		1	24	23.23	24.44	PASS
		1	49	23.33	24.54	PASS
		25	0	22.24	23.45	PASS
		25	12	22.28	23.49	PASS
		25	25	22.35	23.56	PASS
		50	0	22.34	23.55	PASS
	MCH	1	0	23.40	24.61	PASS
		1	24	23.40	24.61	PASS
		1	49	23.47	24.68	PASS
		25	0	22.43	23.64	PASS
		25	12	22.40	23.61	PASS
		25	25	22.38	23.59	PASS
		50	0	22.43	23.64	PASS
	HCH	1	0	23.54	24.75	PASS
		1	24	23.53	24.74	PASS
		1	49	23.57	24.78	PASS
		25	0	22.59	23.80	PASS
		25	12	22.51	23.72	PASS
		25	25	22.44	23.65	PASS
		50	0	22.51	23.72	PASS
16QAM	LCH	1	0	22.38	23.59	PASS
		1	24	22.45	23.66	PASS
		1	49	22.54	23.75	PASS
		25	0	21.25	22.46	PASS
		25	12	21.30	22.51	PASS
		25	25	21.37	22.58	PASS

	MCH	50	0	21.34	22.55	PASS
		1	0	22.71	23.92	PASS
		1	24	22.75	23.96	PASS
		1	49	22.85	24.06	PASS
		25	0	21.46	22.67	PASS
		25	12	21.44	22.65	PASS
		25	25	21.41	22.62	PASS
		50	0	21.49	22.70	PASS
	HCH	1	0	22.69	23.90	PASS
		1	24	22.71	23.92	PASS
		1	49	22.77	23.98	PASS
		25	0	21.56	22.77	PASS
		25	12	21.49	22.70	PASS
		25	25	21.42	22.63	PASS
		50	0	21.51	22.72	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	23.28	24.49	PASS
		1	37	23.25	24.46	PASS
		1	74	23.28	24.49	PASS
		37	0	22.38	23.59	PASS
		37	18	22.37	23.58	PASS
		37	38	22.44	23.65	PASS
		75	0	22.44	23.65	PASS
	MCH	1	0	23.53	24.74	PASS
		1	37	23.49	24.70	PASS
		1	74	23.50	24.71	PASS
		37	0	22.61	23.82	PASS
		37	18	22.50	23.71	PASS
		37	38	22.50	23.71	PASS
		75	0	22.56	23.77	PASS
	HCH	1	0	23.61	24.82	PASS
		1	37	23.55	24.76	PASS
		1	74	23.54	24.75	PASS
		37	0	22.70	23.91	PASS
		37	18	22.68	23.89	PASS
		37	38	22.58	23.79	PASS
		75	0	22.63	23.84	PASS

Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
16QAM	LCH	1	0	22.46	23.67	PASS
		1	37	22.51	23.72	PASS
		1	74	22.52	23.73	PASS
		37	0	21.31	22.52	PASS
		37	18	21.33	22.54	PASS
		37	38	21.39	22.60	PASS
		75	0	21.40	22.61	PASS
	MCH	1	0	22.66	23.87	PASS
		1	37	22.67	23.88	PASS
		1	74	22.72	23.93	PASS
		37	0	21.54	22.75	PASS
		37	18	21.47	22.68	PASS
		37	38	21.47	22.68	PASS
		75	0	21.52	22.73	PASS
	HCH	1	0	22.74	23.95	PASS
		1	37	22.70	23.91	PASS
		1	74	22.70	23.91	PASS
		37	0	21.59	22.80	PASS
		37	18	21.55	22.76	PASS
		37	38	21.47	22.68	PASS
		75	0	21.56	22.77	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	23.45	24.66	PASS
		1	49	23.37	24.58	PASS
		1	99	23.49	24.70	PASS
		50	0	22.26	23.47	PASS
		50	25	22.34	23.55	PASS
		50	50	22.47	23.68	PASS
		100	0	22.38	23.59	PASS
	MCH	1	0	23.62	24.83	PASS
		1	49	23.50	24.71	PASS
		1	99	23.63	24.84	PASS
		50	0	22.55	23.76	PASS
		50	25	22.43	23.64	PASS
		50	50	22.45	23.66	PASS
		100	0	22.51	23.72	PASS
	HCH	1	0	23.54	24.75	PASS

		1	49	23.45	24.66	PASS
		1	99	23.51	24.72	PASS
		50	0	22.53	23.74	PASS
		50	25	22.49	23.70	PASS
		50	50	22.35	23.56	PASS
		100	0	22.44	23.65	PASS
16QAM	LCH	1	0	22.55	23.76	PASS
		1	49	22.57	23.78	PASS
		1	99	22.59	23.80	PASS
		50	0	21.28	22.49	PASS
		50	25	21.34	22.55	PASS
		50	50	21.46	22.67	PASS
		100	0	21.36	22.57	PASS
	MCH	1	0	22.78	23.99	PASS
		1	49	22.75	23.96	PASS
		1	99	22.89	24.10	PASS
		50	0	21.60	22.81	PASS
		50	25	21.51	22.72	PASS
		50	50	21.52	22.73	PASS
		100	0	21.52	22.73	PASS
	HCH	1	0	22.75	23.96	PASS
		1	49	22.61	23.82	PASS
		1	99	22.67	23.88	PASS
		50	0	21.51	22.72	PASS
		50	25	21.48	22.69	PASS
		50	50	21.35	22.56	PASS
		100	0	21.43	22.64	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	3.46	<13	PASS
		1	12	3.64	<13	PASS
		1	24	3.77	<13	PASS
		12	0	4.49	<13	PASS
		12	6	4.61	<13	PASS
		12	13	4.77	<13	PASS
		25	0	4.61	<13	PASS
	MCH	1	0	3.28	<13	PASS
		1	12	3.36	<13	PASS
		1	24	3.51	<13	PASS
		12	0	4.46	<13	PASS
		12	6	4.53	<13	PASS
		12	13	4.63	<13	PASS
		25	0	4.56	<13	PASS
	HCH	1	0	2.98	<13	PASS
		1	12	3.05	<13	PASS
		1	24	3.19	<13	PASS
		12	0	4.16	<13	PASS
		12	6	4.25	<13	PASS
		12	13	4.35	<13	PASS
		25	0	4.30	<13	PASS
16QAM	LCH	1	0	4.19	<13	PASS
		1	12	4.27	<13	PASS
		1	24	4.50	<13	PASS
		12	0	5.35	<13	PASS
		12	6	5.47	<13	PASS
		12	13	5.66	<13	PASS
		25	0	5.44	<13	PASS
	MCH	1	0	4.19	<13	PASS
		1	12	4.29	<13	PASS
		1	24	4.37	<13	PASS
		12	0	5.30	<13	PASS

		12	6	5.42	<13	PASS
		12	13	5.53	<13	PASS
		25	0	5.47	<13	PASS
	HCH	1	0	3.94	<13	PASS
		1	12	3.95	<13	PASS
		1	24	3.94	<13	PASS
		12	0	5.06	<13	PASS
		12	6	5.16	<13	PASS
		12	13	5.30	<13	PASS
		25	0	5.20	<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	3.13	<13	PASS
		1	24	3.59	<13	PASS
		1	49	3.92	<13	PASS
		25	0	4.61	<13	PASS
		25	12	4.85	<13	PASS
		25	25	5.02	<13	PASS
		50	0	4.89	<13	PASS
	MCH	1	0	3.10	<13	PASS
		1	24	3.31	<13	PASS
		1	49	3.49	<13	PASS
		25	0	4.39	<13	PASS
		25	12	4.54	<13	PASS
		25	25	4.76	<13	PASS
		50	0	4.63	<13	PASS
	HCH	1	0	2.81	<13	PASS
		1	24	2.95	<13	PASS
		1	49	3.12	<13	PASS
		25	0	3.91	<13	PASS
		25	12	4.10	<13	PASS
		25	25	4.30	<13	PASS
		50	0	4.18	<13	PASS
16QAM	LCH	1	0	4.04	<13	PASS
		1	24	4.38	<13	PASS
		1	49	4.79	<13	PASS
		25	0	5.48	<13	PASS
		25	12	5.77	<13	PASS

		25	25	5.93	<13	PASS
		50	0	5.76	<13	PASS
	MCH	1	0	4.10	<13	PASS
		1	24	4.17	<13	PASS
		1	49	4.43	<13	PASS
		25	0	5.28	<13	PASS
		25	12	5.44	<13	PASS
		25	25	5.69	<13	PASS
		50	0	5.49	<13	PASS
		HCH	1	0	3.69	<13
	1		24	3.81	<13	PASS
	1		49	3.99	<13	PASS
	25		0	4.89	<13	PASS
	25		12	5.06	<13	PASS
	25		25	5.29	<13	PASS
	50		0	5.08	<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	3.09	<13	PASS
		1	37	3.79	<13	PASS
		1	74	3.89	<13	PASS
		37	0	4.68	<13	PASS
		37	18	4.98	<13	PASS
		37	38	5.12	<13	PASS
		75	0	5.27	<13	PASS
		MCH	1	0	3.07	<13
	1		37	3.29	<13	PASS
	1		74	3.69	<13	PASS
	37		0	4.18	<13	PASS
	37		18	4.40	<13	PASS
	37		38	4.74	<13	PASS
	75		0	4.89	<13	PASS
	HCH		1	0	2.93	<13
		1	37	2.75	<13	PASS
		1	74	3.04	<13	PASS
		37	0	3.82	<13	PASS
		37	18	3.83	<13	PASS
		37	38	4.14	<13	PASS

		75	0	4.49	<13	PASS
16QAM	LCH	1	0	4.00	<13	PASS
		1	37	4.59	<13	PASS
		1	74	4.86	<13	PASS
		37	0	5.62	<13	PASS
		37	18	5.93	<13	PASS
		37	38	6.04	<13	PASS
		75	0	6.06	<13	PASS
	MCH	1	0	4.06	<13	PASS
		1	37	4.26	<13	PASS
		1	74	4.59	<13	PASS
		37	0	5.18	<13	PASS
		37	18	5.40	<13	PASS
		37	38	5.70	<13	PASS
		75	0	5.71	<13	PASS
	HCH	1	0	3.90	<13	PASS
		1	37	3.66	<13	PASS
		1	74	4.03	<13	PASS
		37	0	4.85	<13	PASS
		37	18	4.83	<13	PASS
		37	38	5.10	<13	PASS
		75	0	5.32	<13	PASS

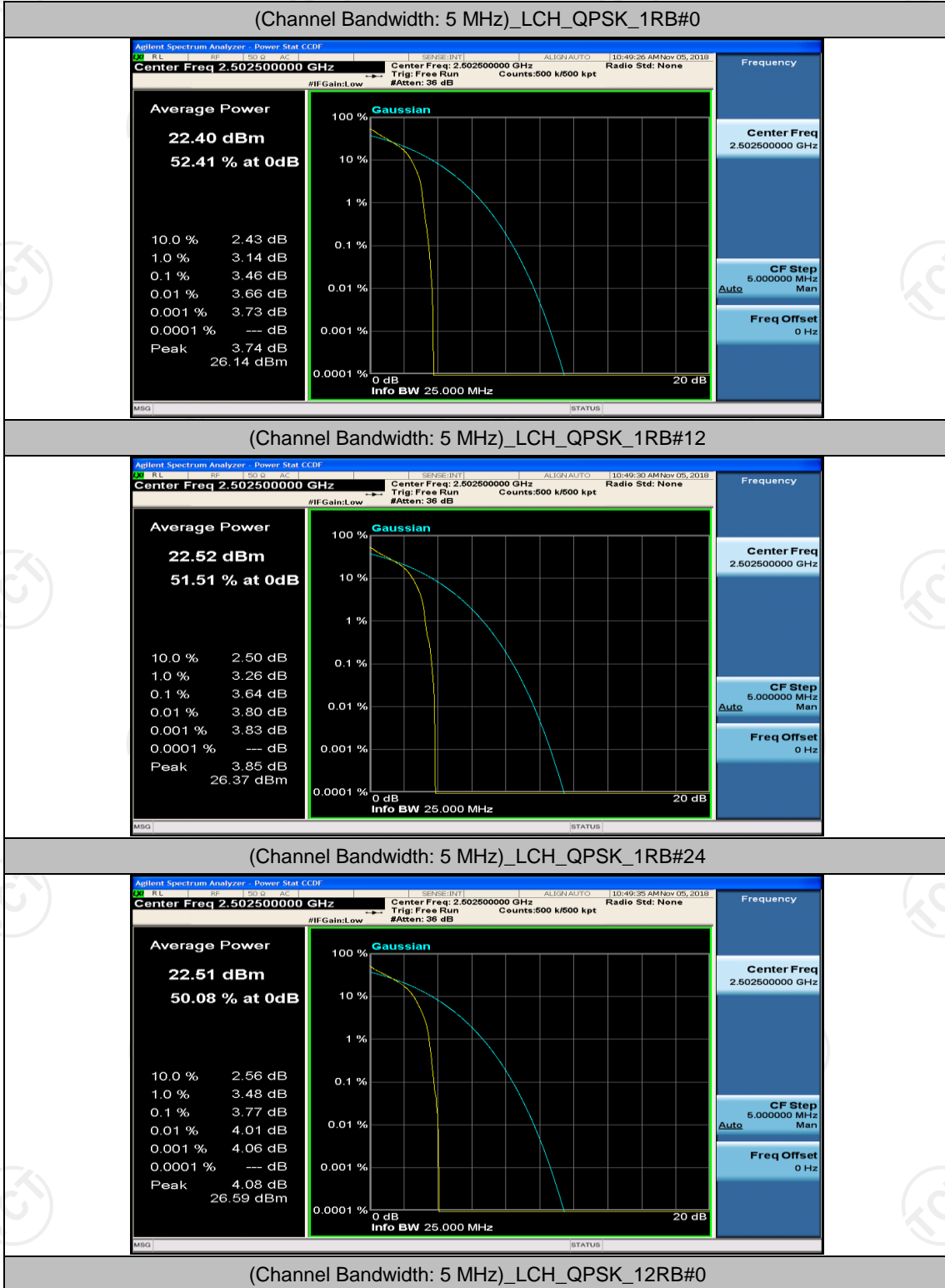
Channel Bandwidth: 20 MHz

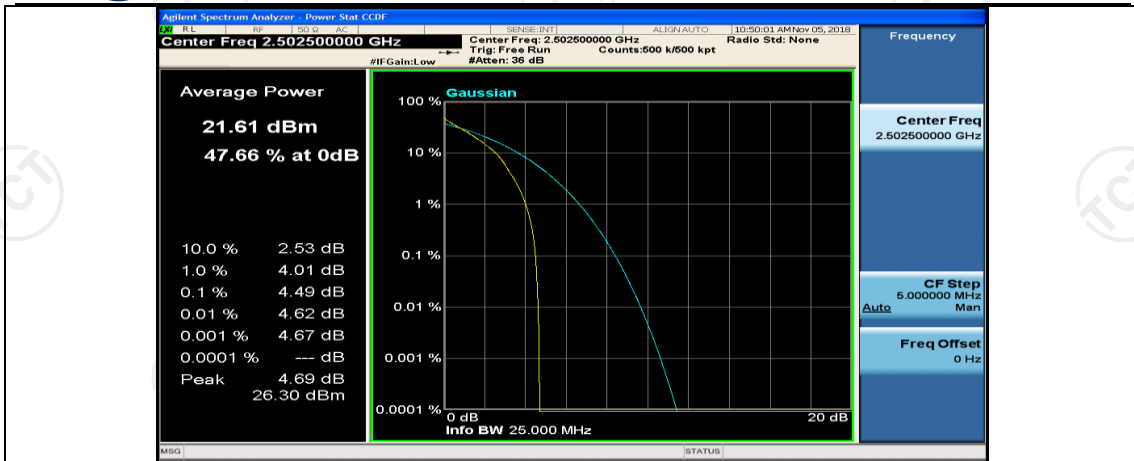
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.11	<13	PASS
		1	49	4.00	<13	PASS
		1	99	3.58	<13	PASS
		50	0	5.00	<13	PASS
		50	25	5.14	<13	PASS
		50	50	5.05	<13	PASS
		100	0	5.25	<13	PASS
	MCH	1	0	3.09	<13	PASS
		1	49	3.36	<13	PASS
		1	99	3.63	<13	PASS
		50	0	4.36	<13	PASS
		50	25	4.61	<13	PASS
		50	50	4.95	<13	PASS
		100	0	5.03	<13	PASS

	HCH	1	0	3.36	<13	PASS
		1	49	2.77	<13	PASS
		1	99	3.03	<13	PASS
		50	0	4.36	<13	PASS
		50	25	4.08	<13	PASS
		50	50	4.36	<13	PASS
		100	0	4.79	<13	PASS
16QAM	LCH	1	0	4.00	<13	PASS
		1	49	4.77	<13	PASS
		1	99	4.37	<13	PASS
		50	0	5.82	<13	PASS
		50	25	6.02	<13	PASS
		50	50	5.95	<13	PASS
		100	0	6.07	<13	PASS
	MCH	1	0	3.92	<13	PASS
		1	49	4.26	<13	PASS
		1	99	4.63	<13	PASS
		50	0	5.22	<13	PASS
		50	25	5.49	<13	PASS
		50	50	5.82	<13	PASS
		100	0	5.80	<13	PASS
	HCH	1	0	4.28	<13	PASS
		1	49	3.71	<13	PASS
		1	99	3.94	<13	PASS
		50	0	5.29	<13	PASS
		50	25	5.02	<13	PASS
		50	50	5.26	<13	PASS
		100	0	5.63	<13	PASS

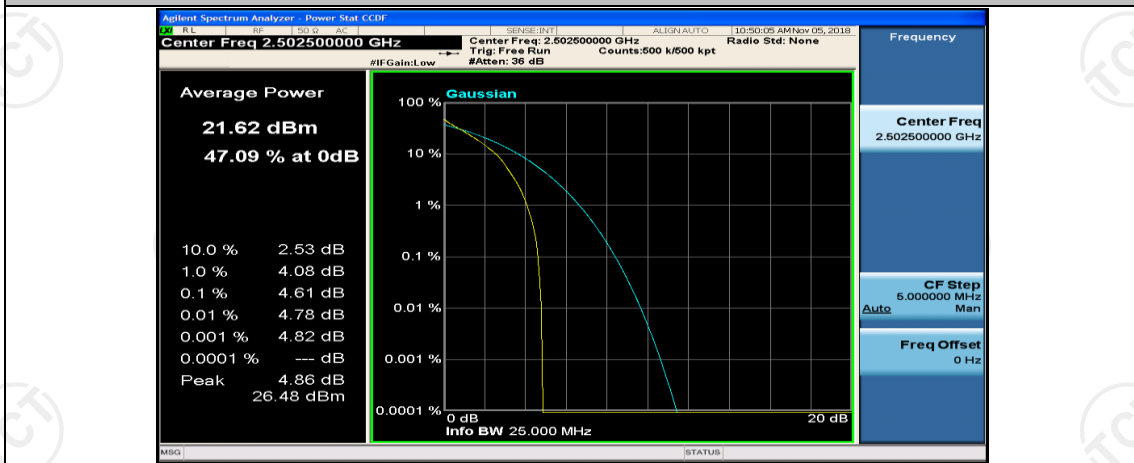
Test Graphs

Channel Bandwidth: 5 MHz

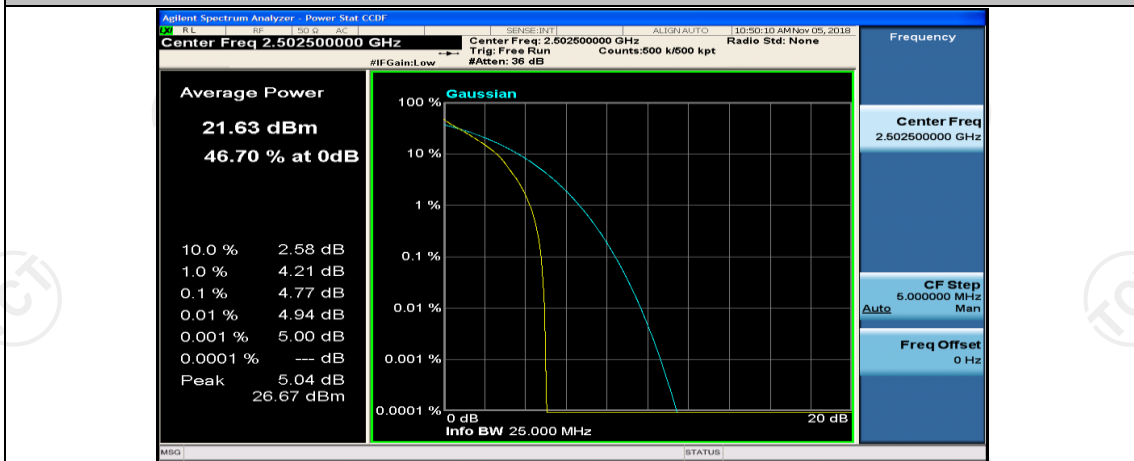




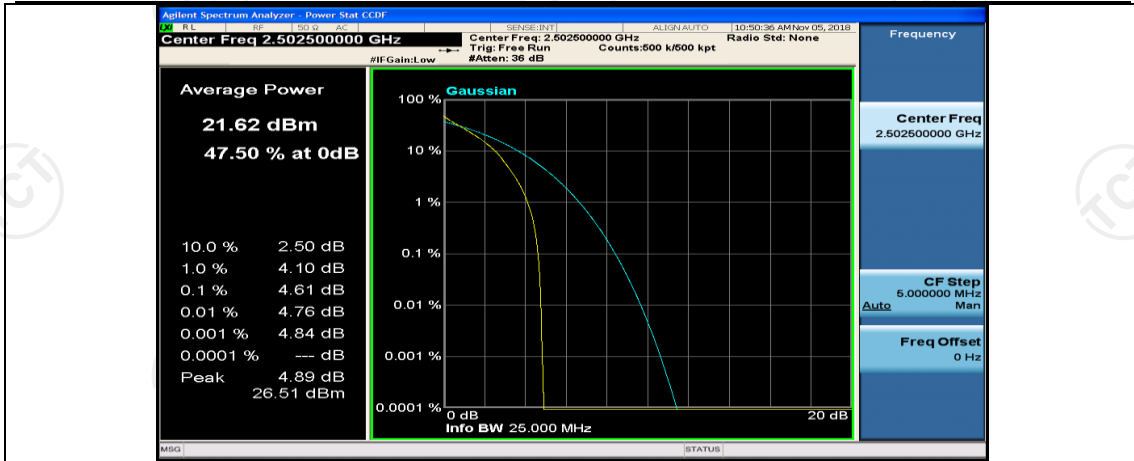
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



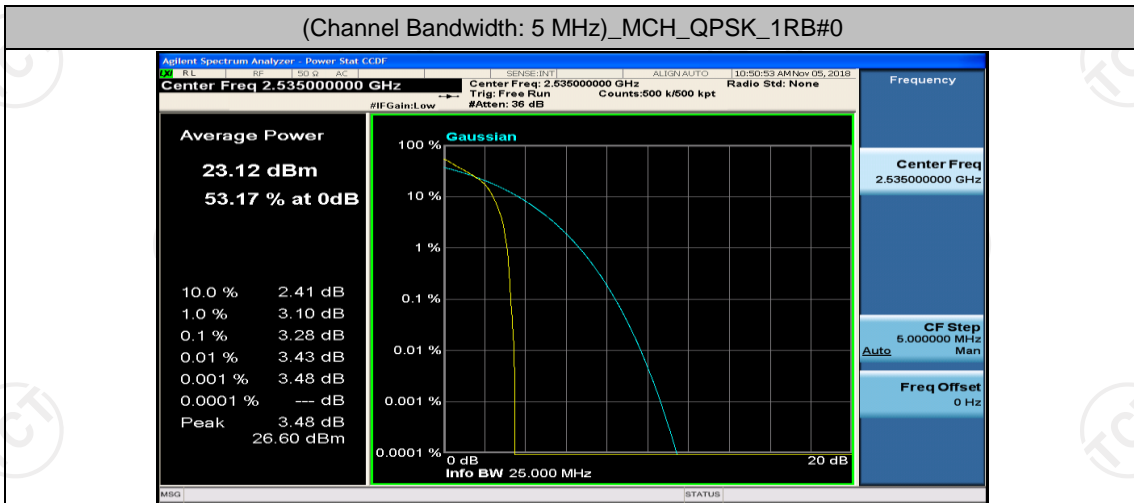
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



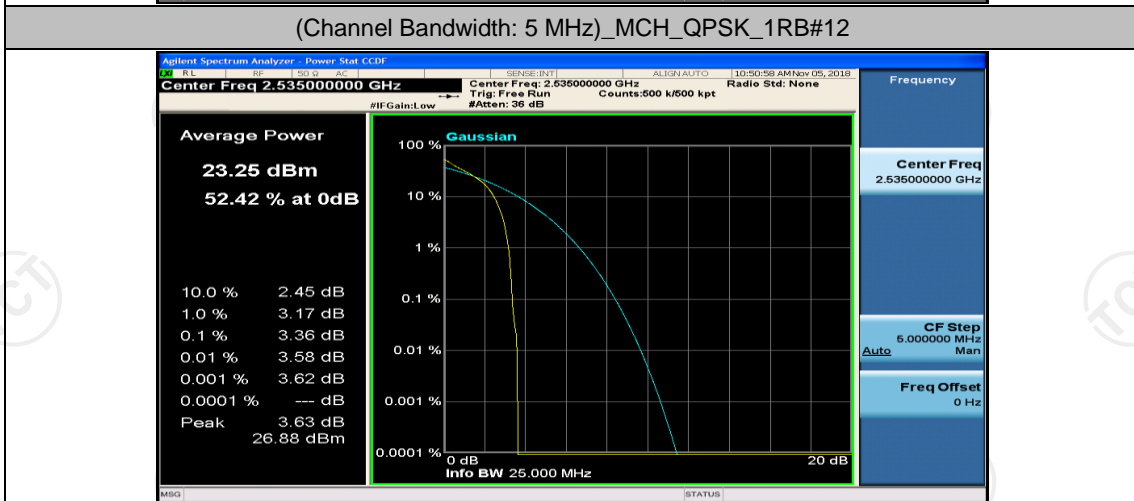
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



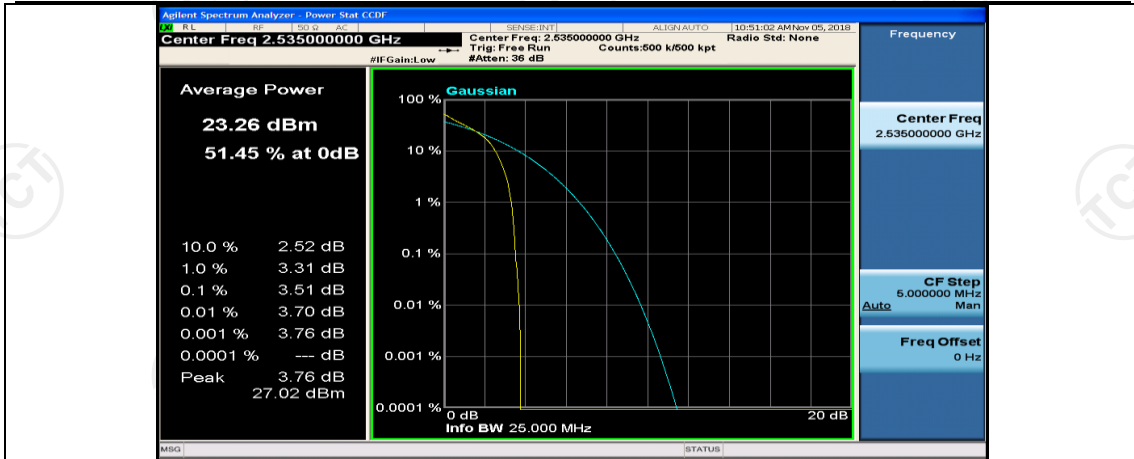
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



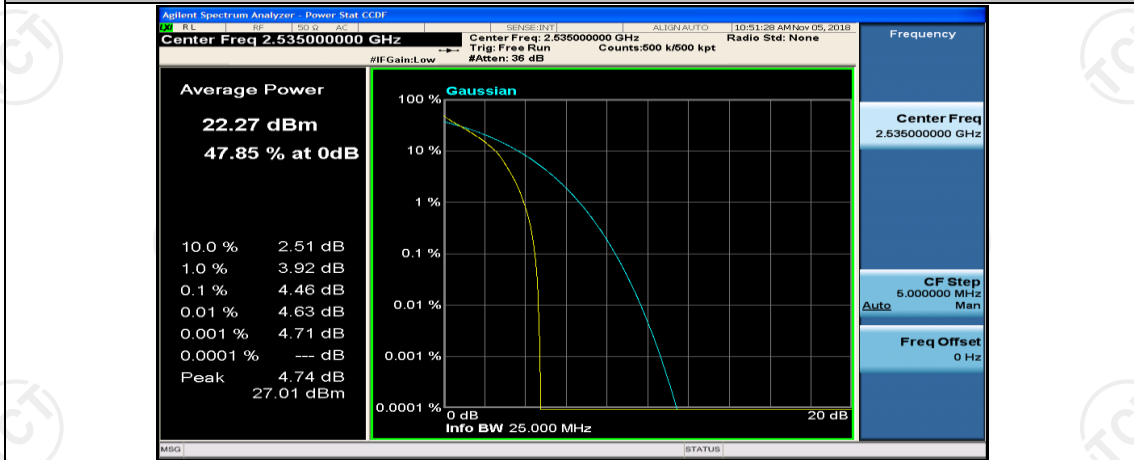
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



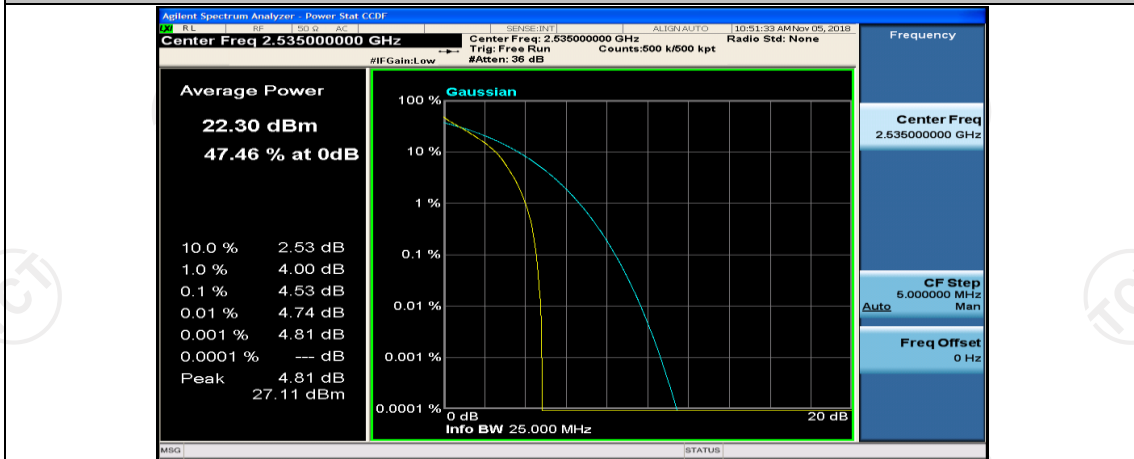
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



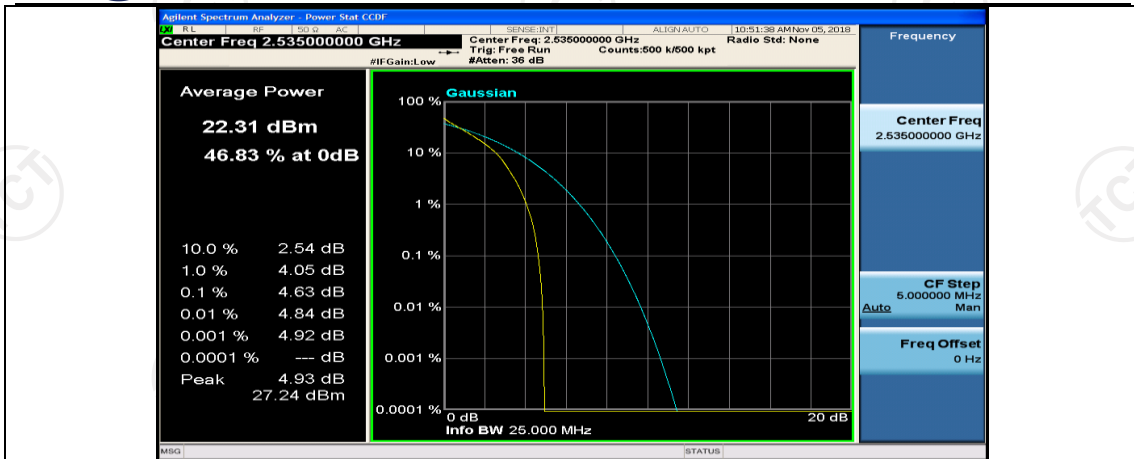
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



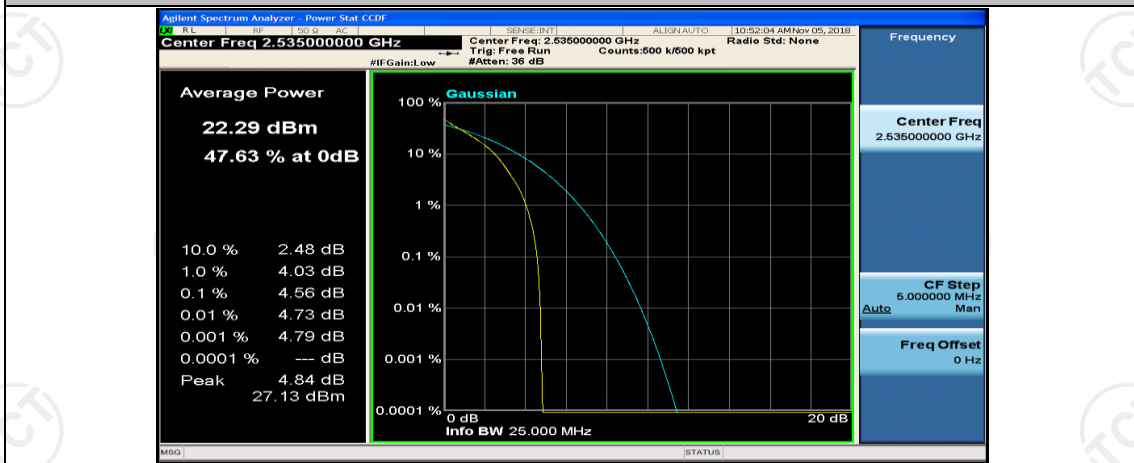
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



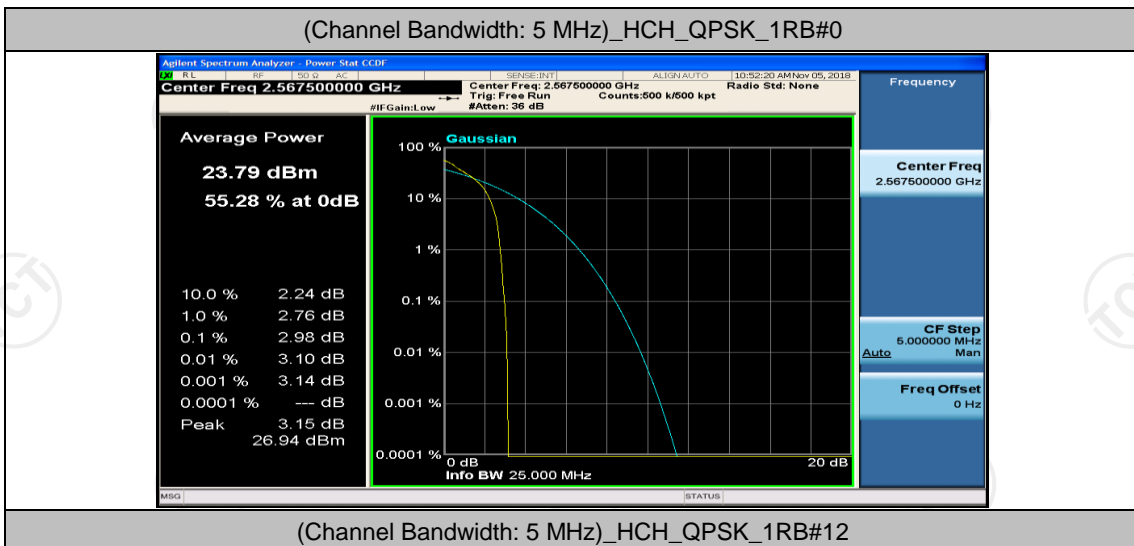
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



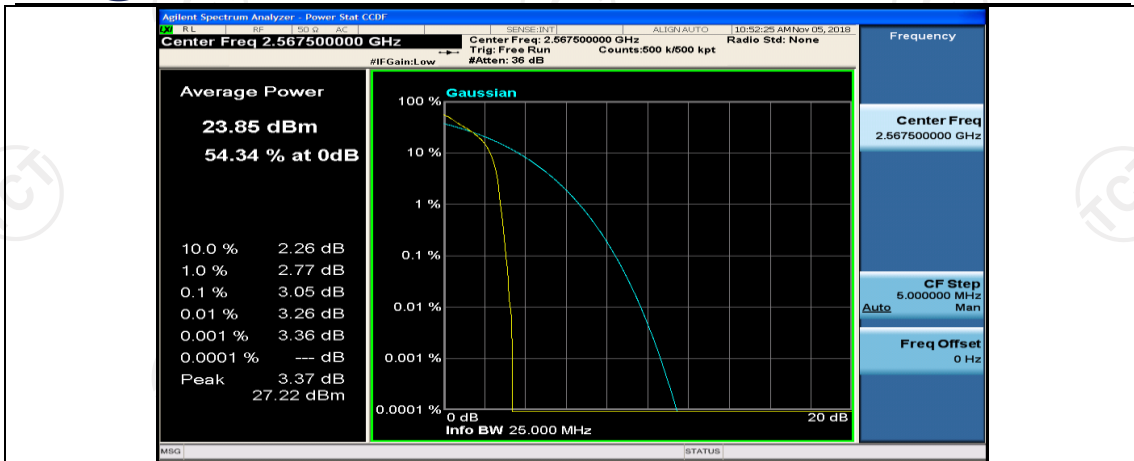
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



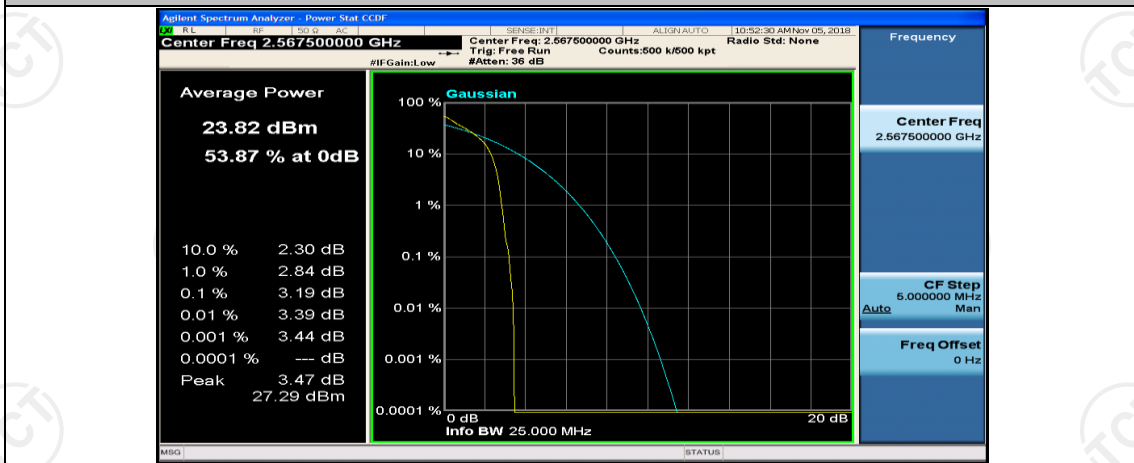
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



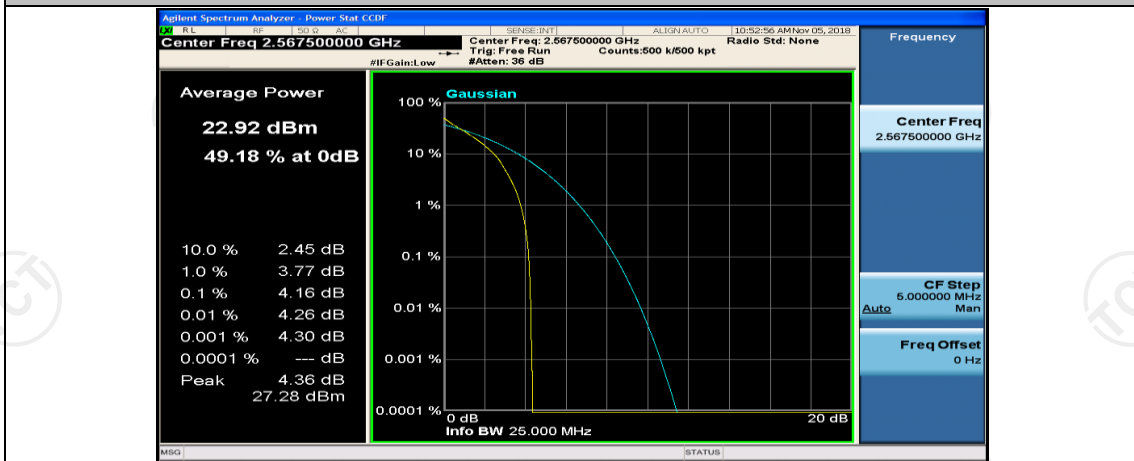
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



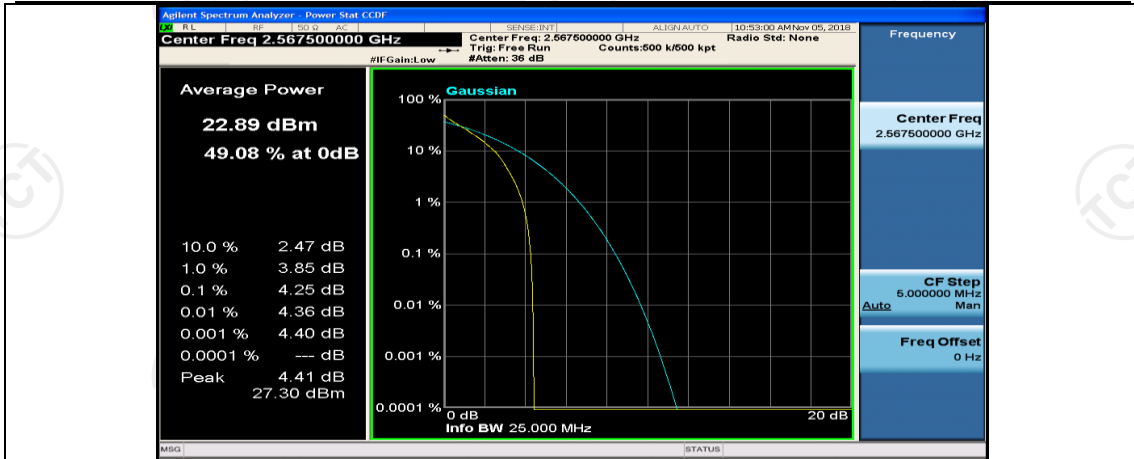
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



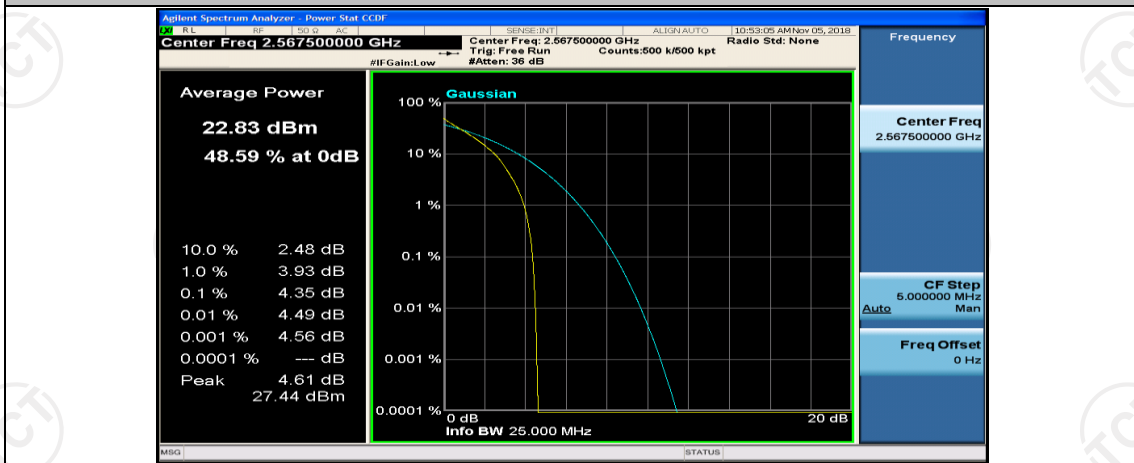
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



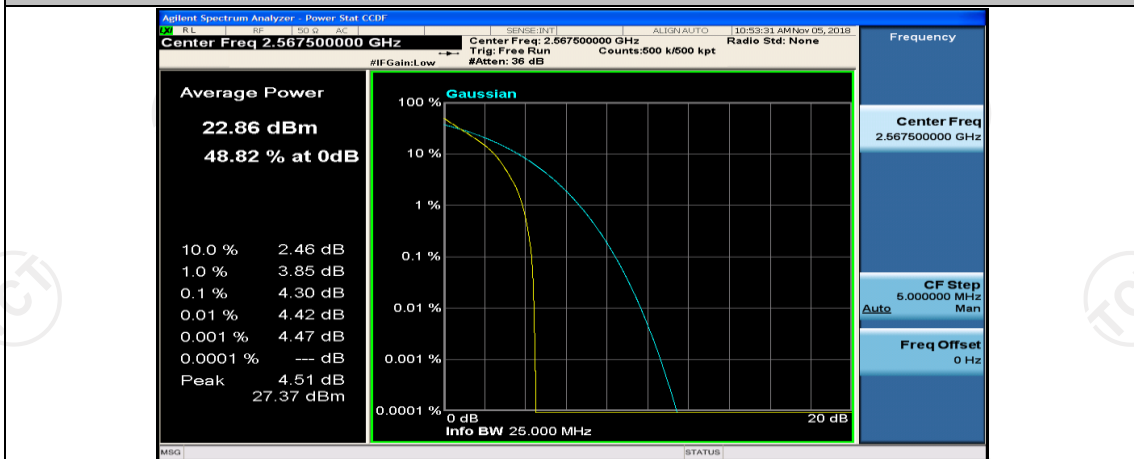
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



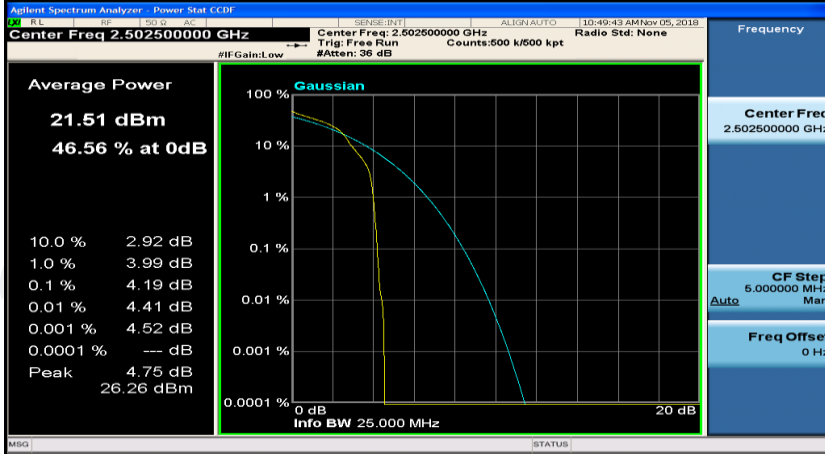
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



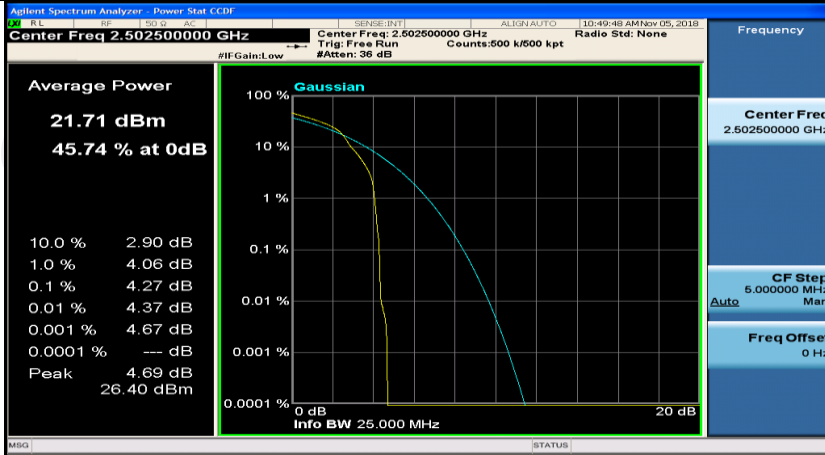
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



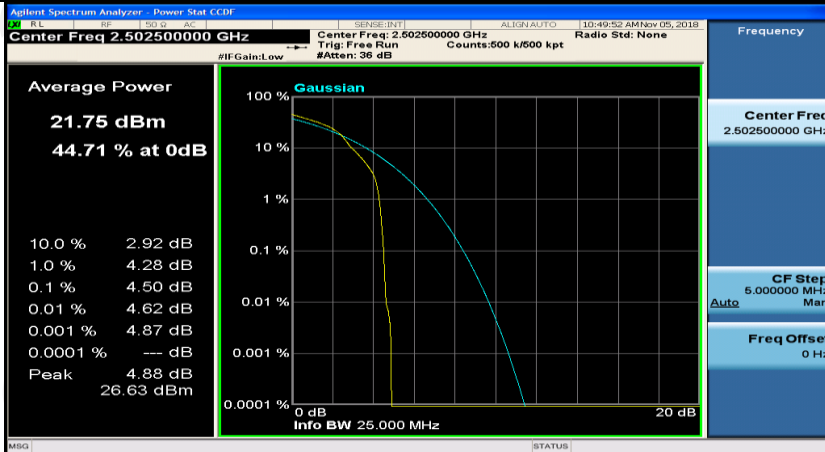
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



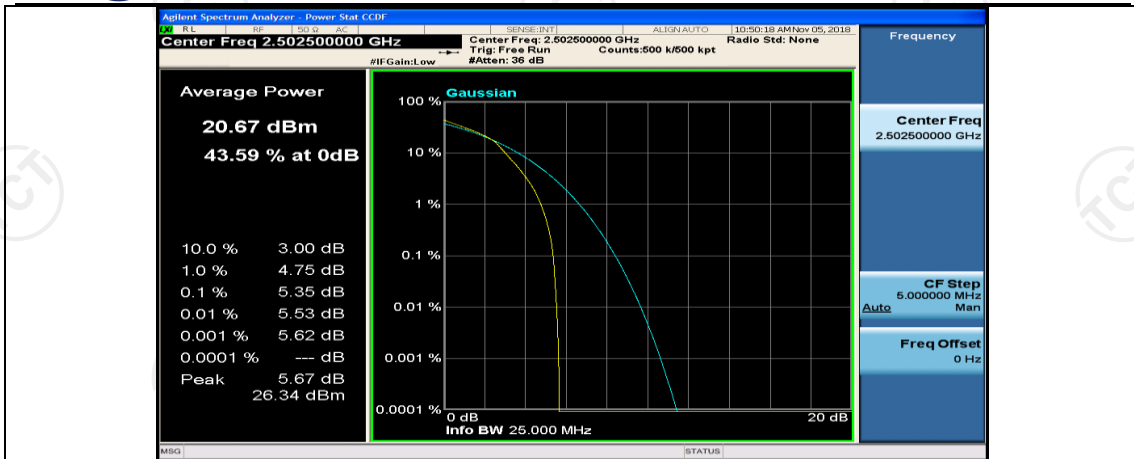
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



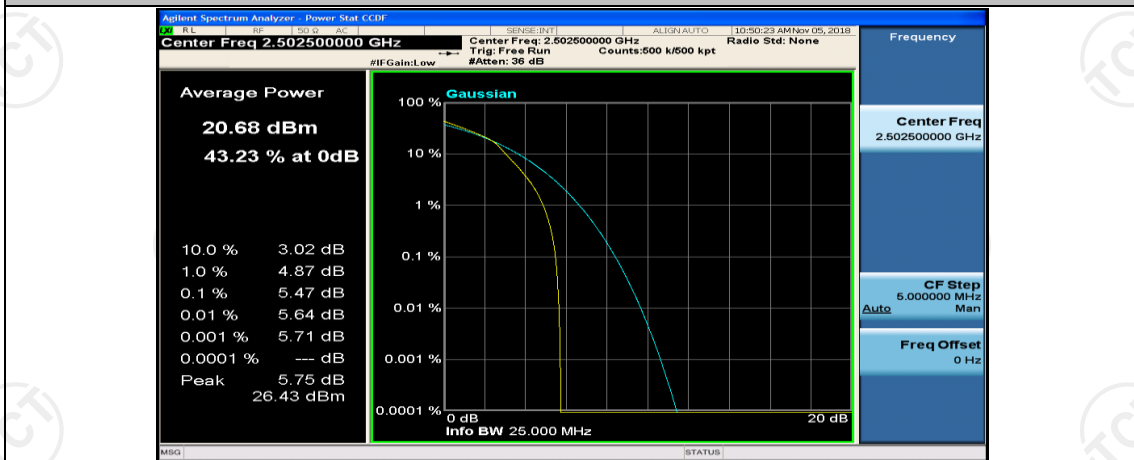
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



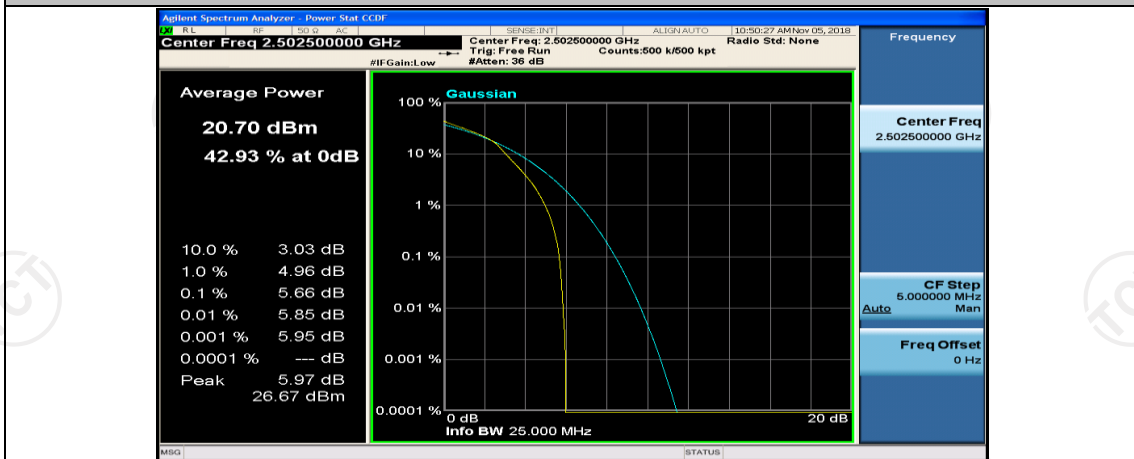
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



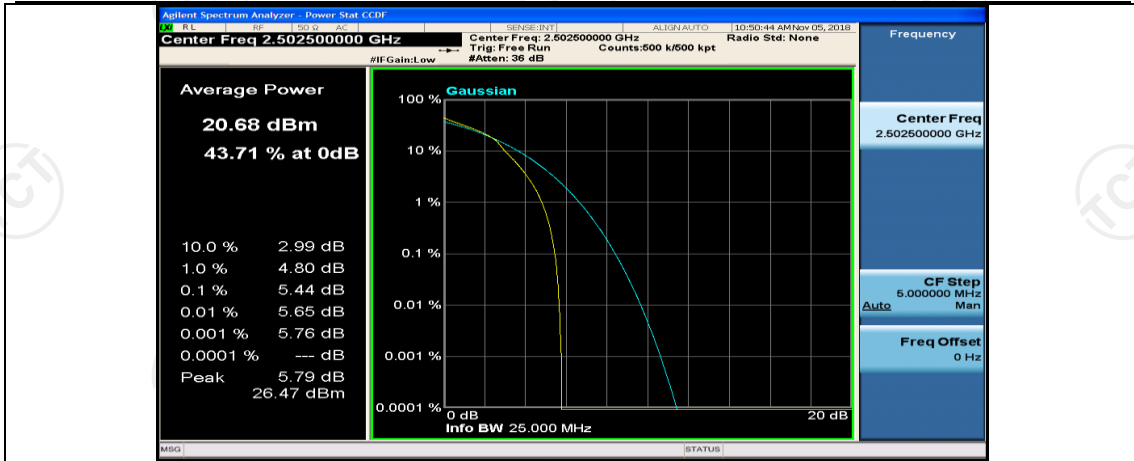
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



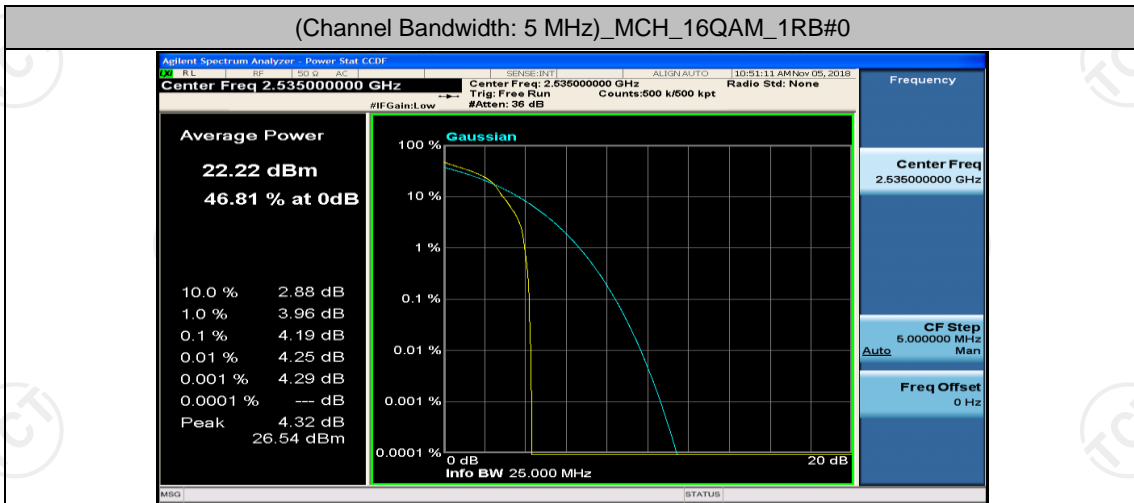
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



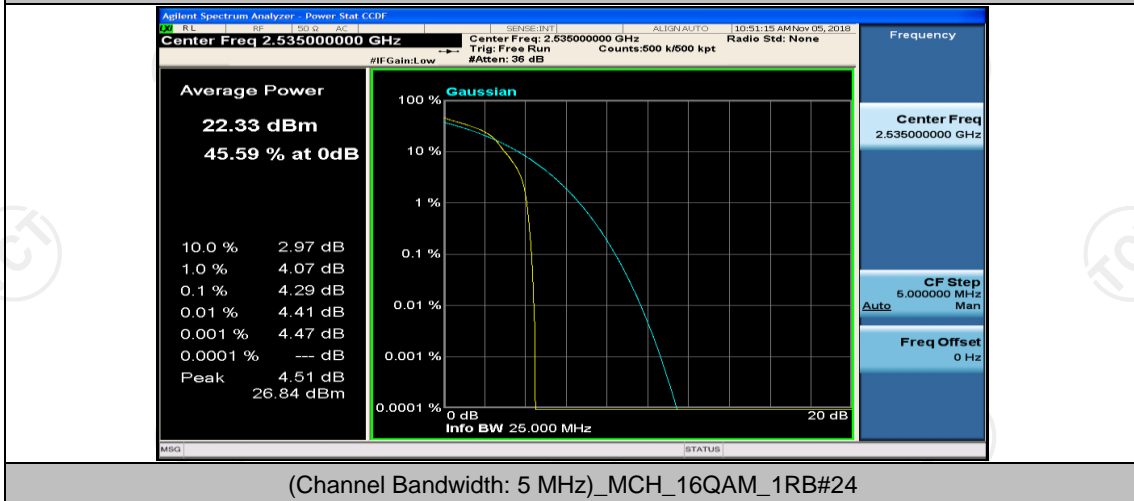
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



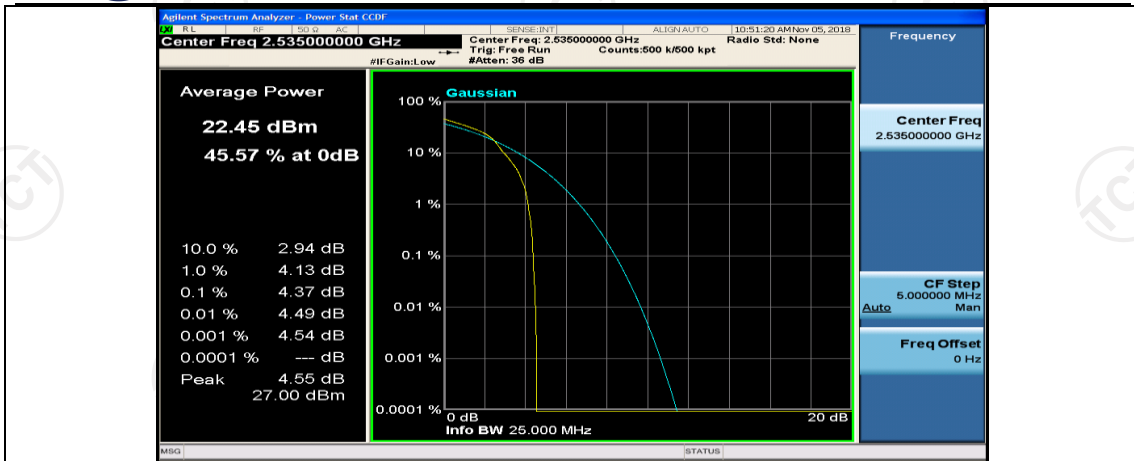
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



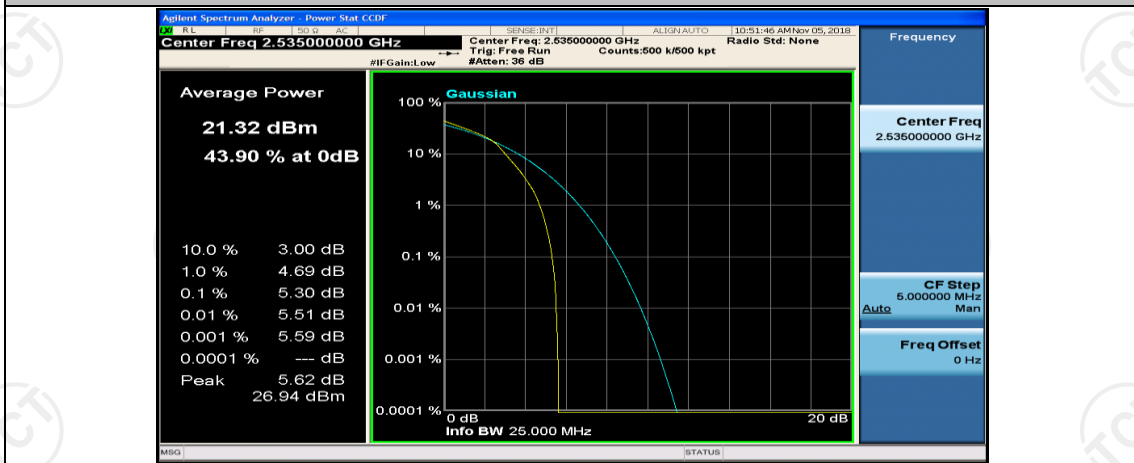
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



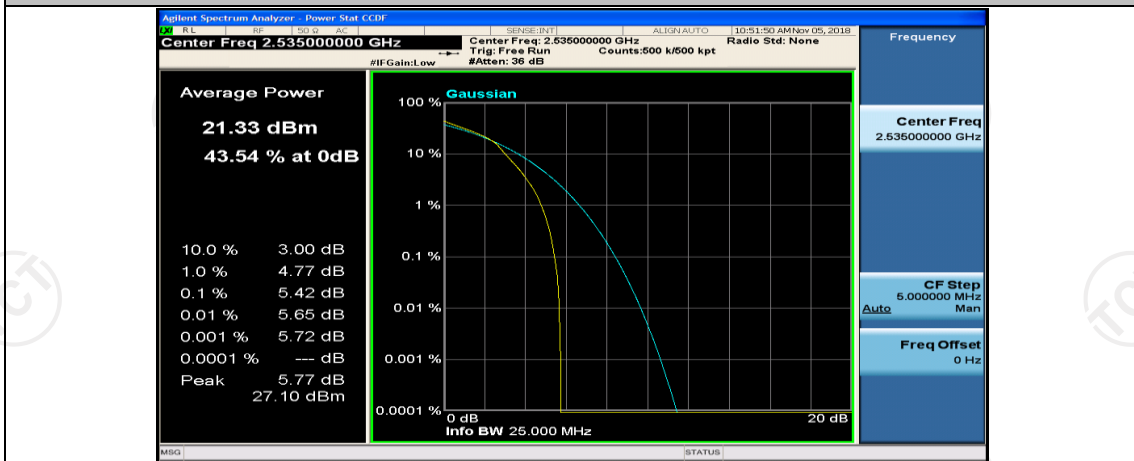
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



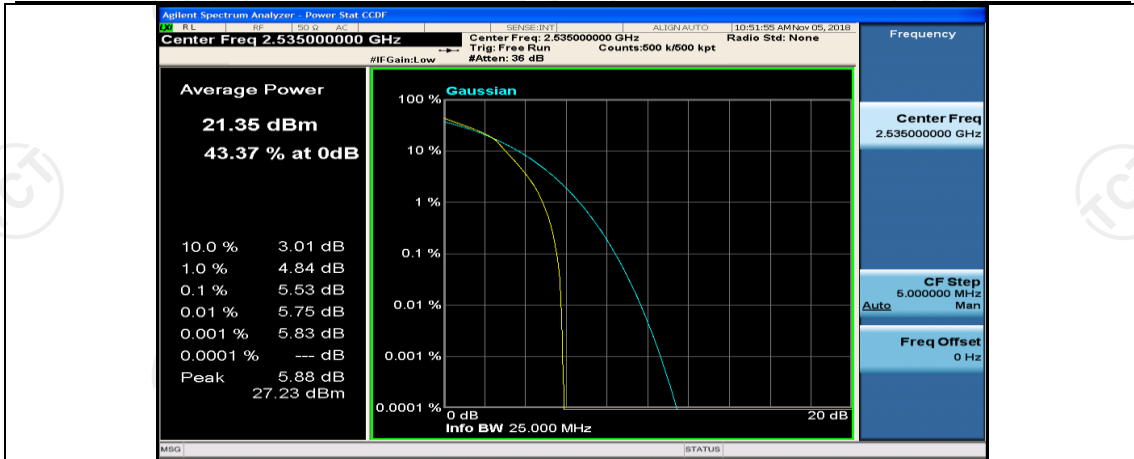
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



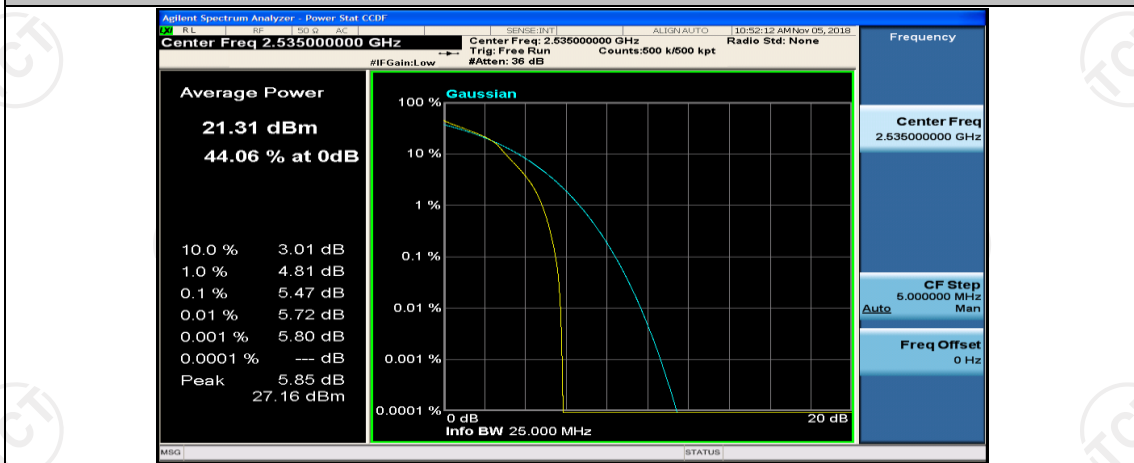
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



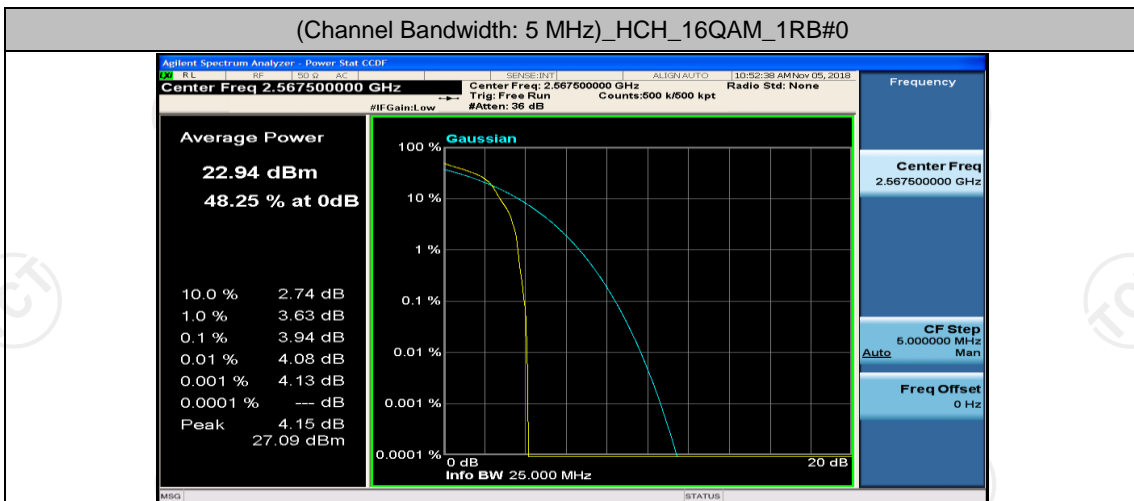
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



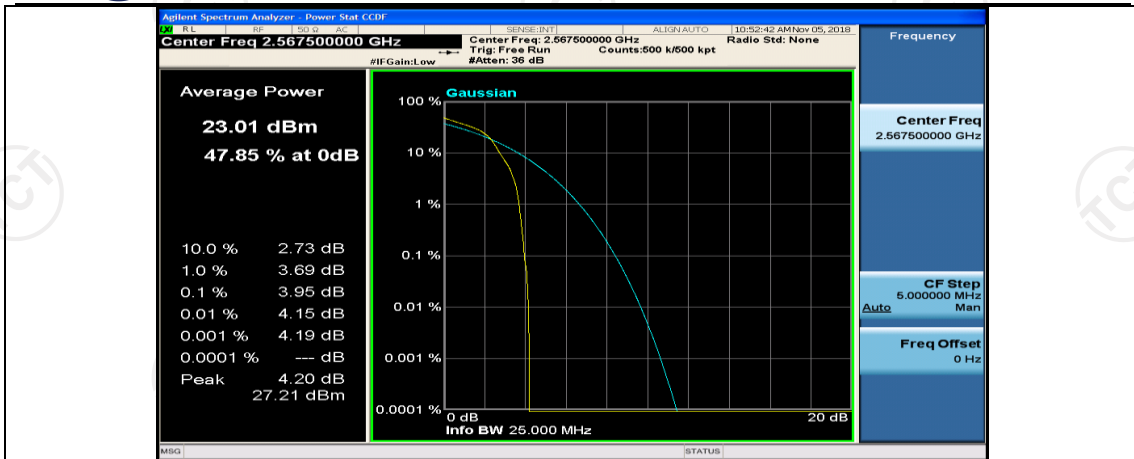
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



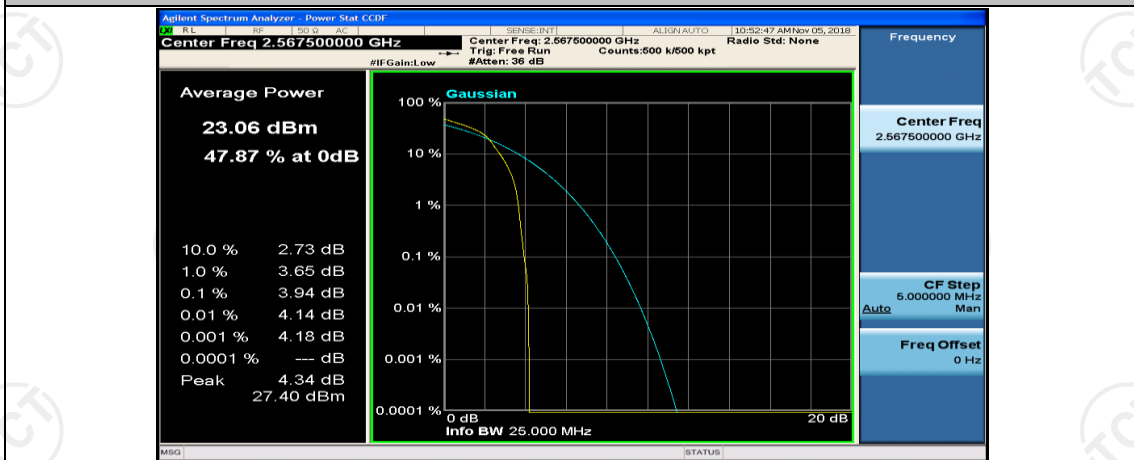
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



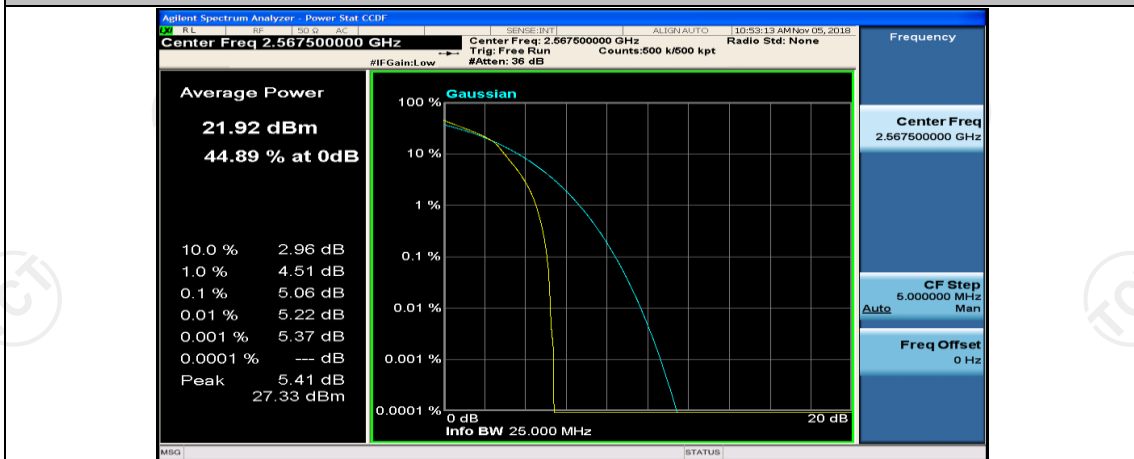
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



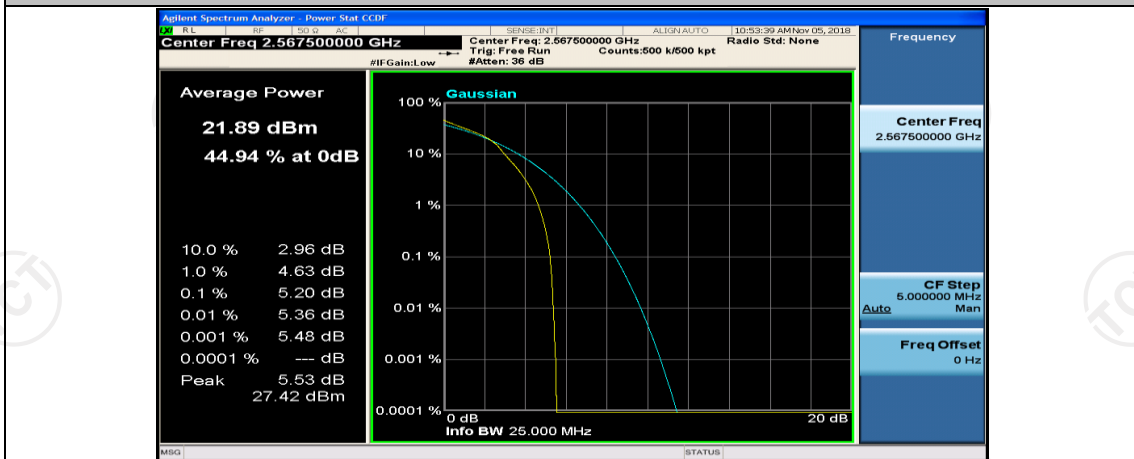
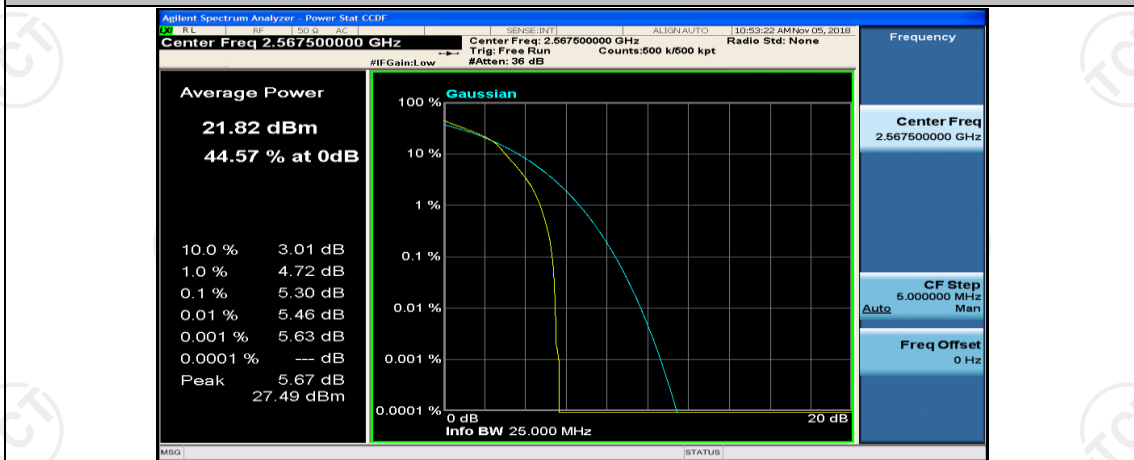
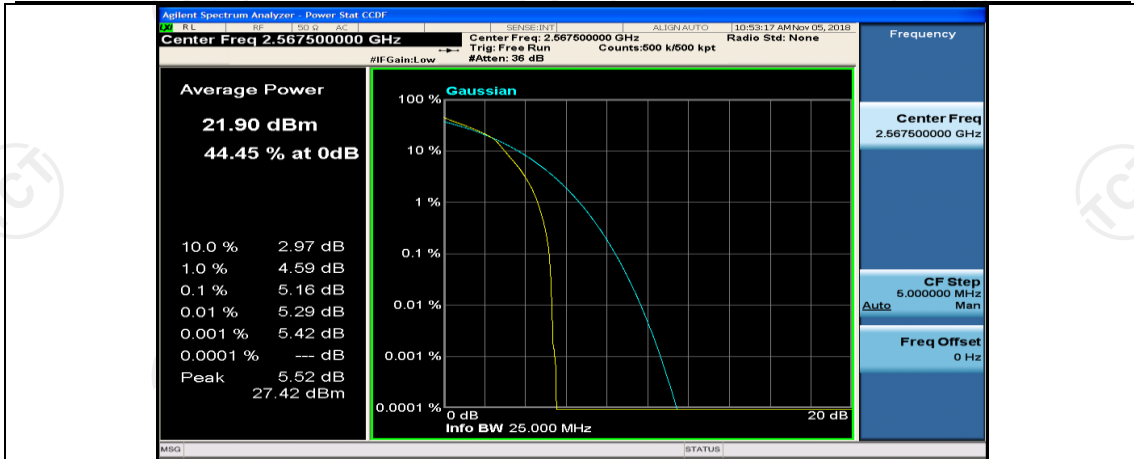
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



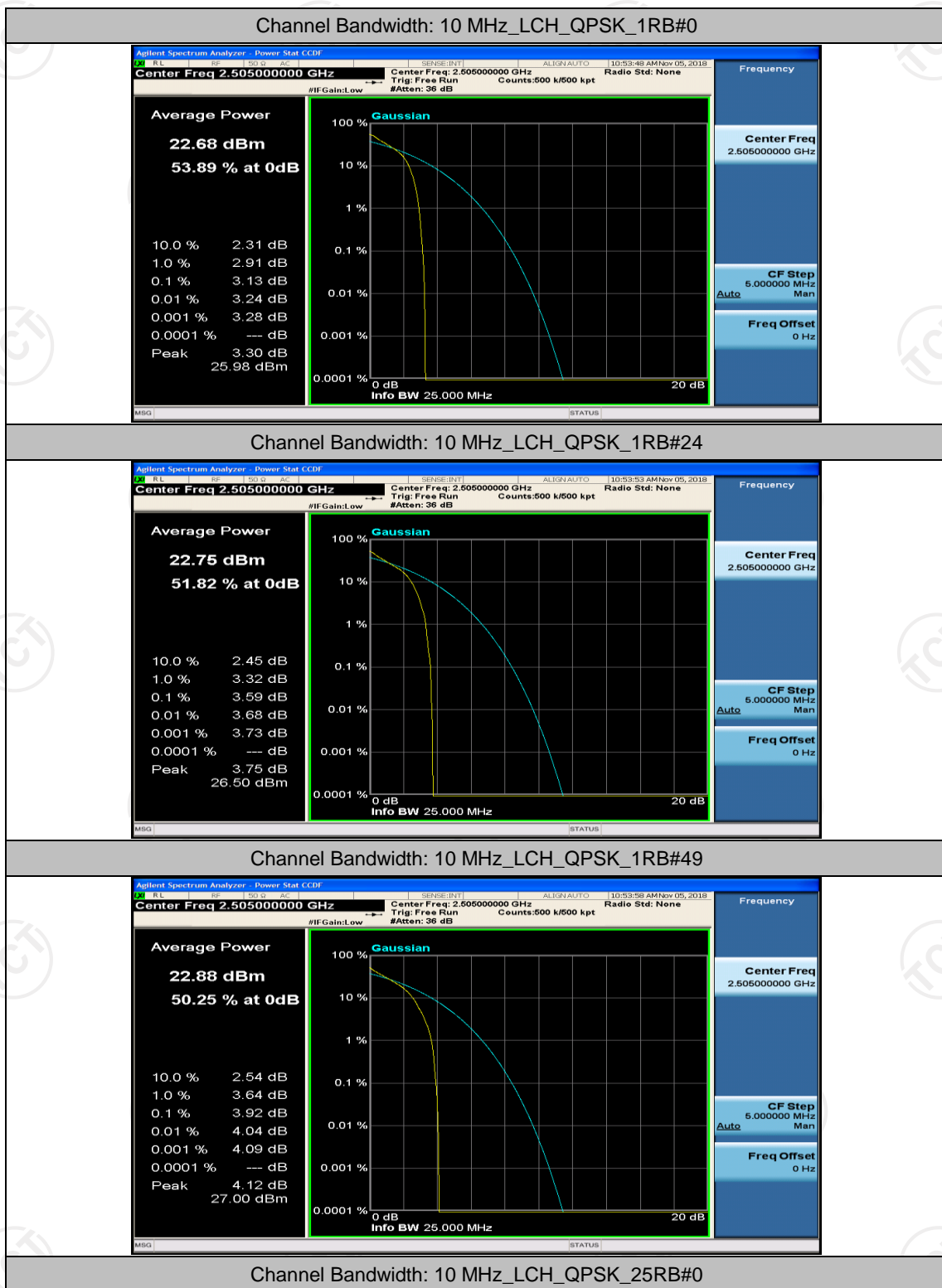
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0

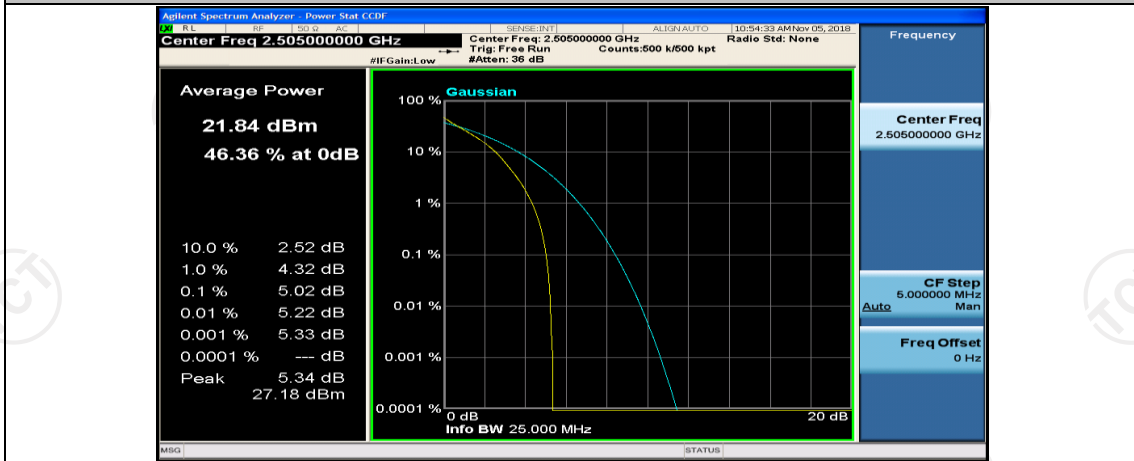
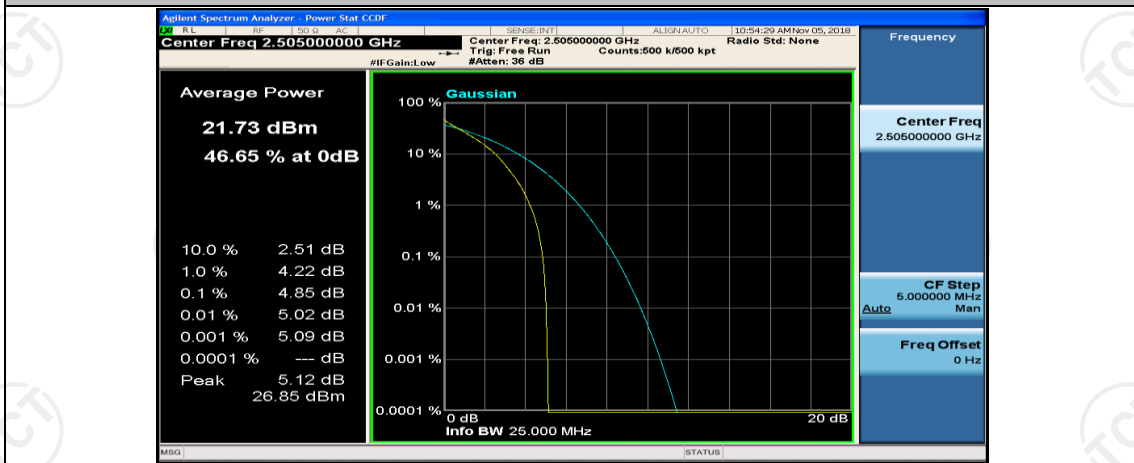
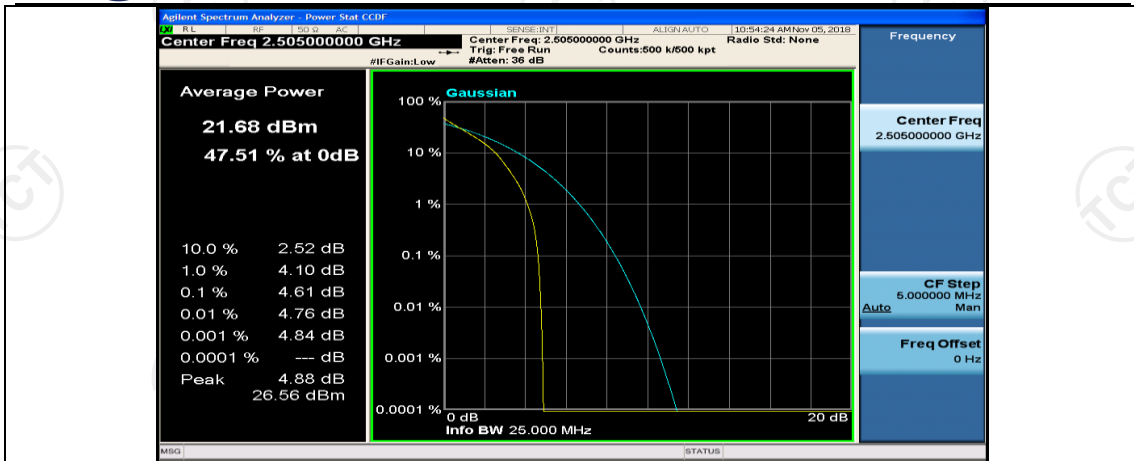


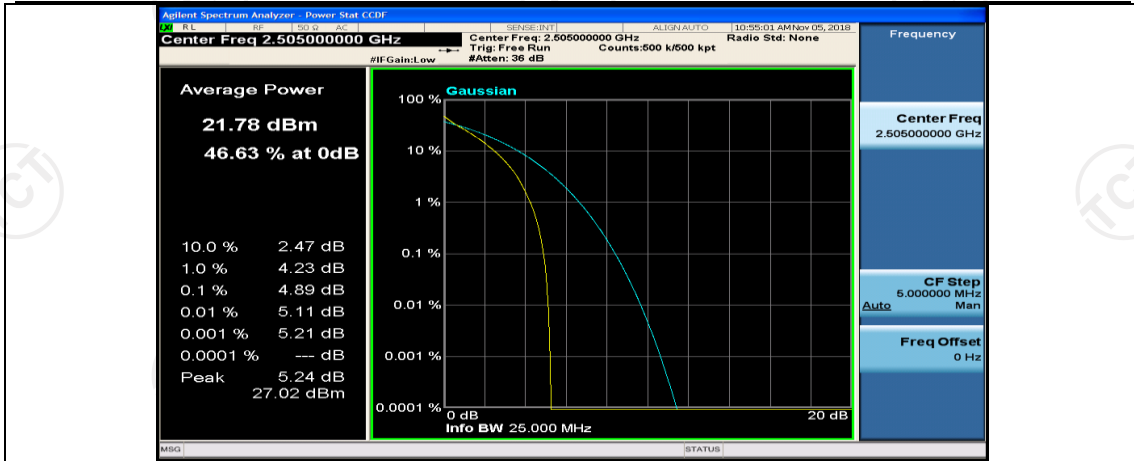
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



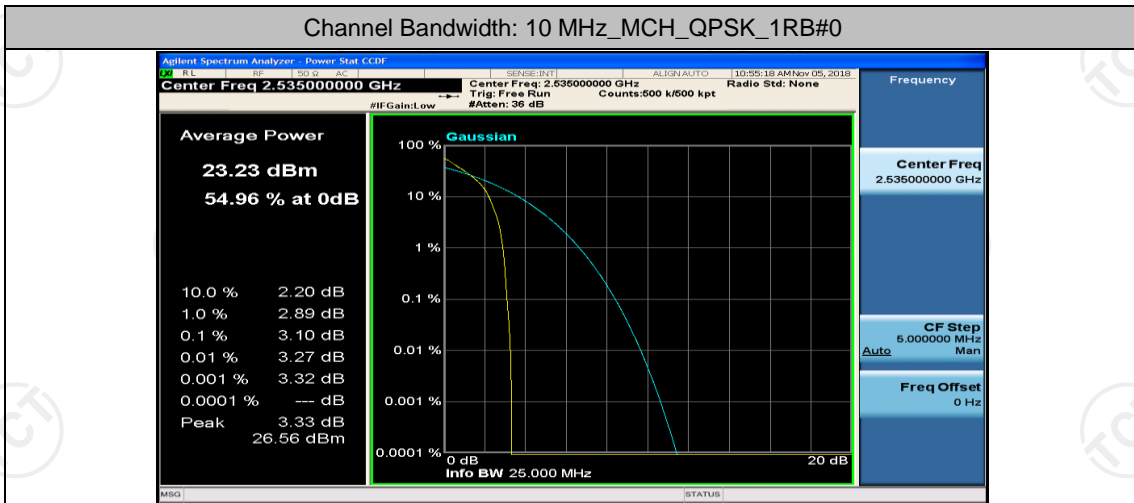
Channel Bandwidth: 10 MHz



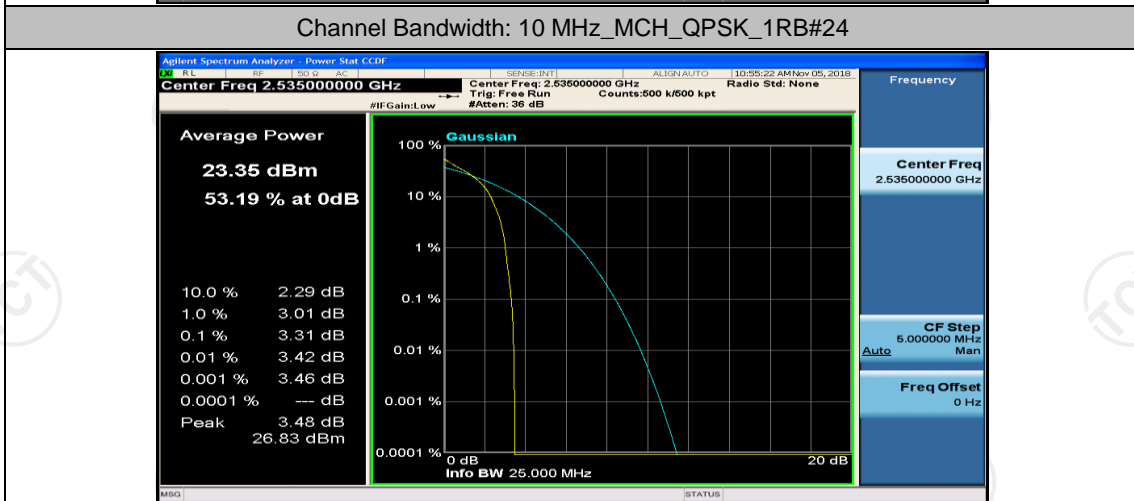




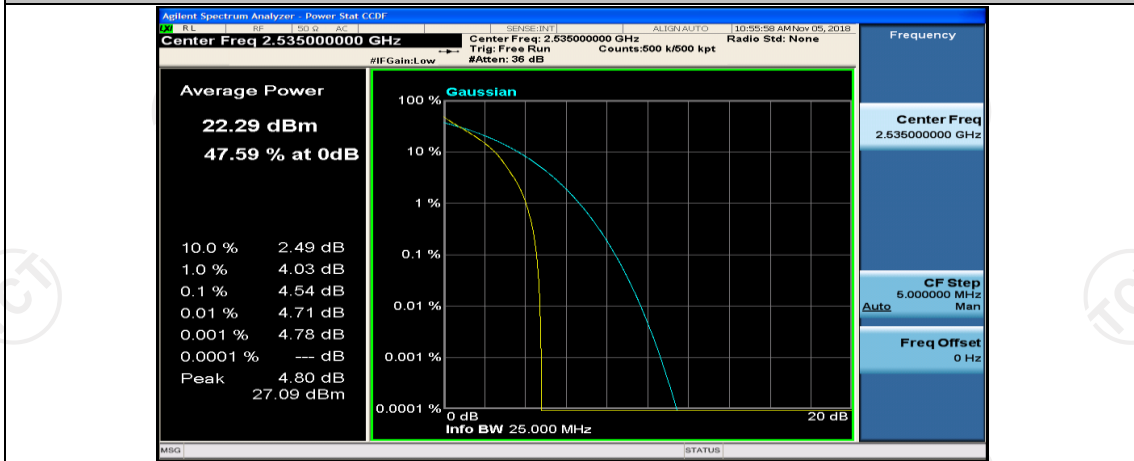
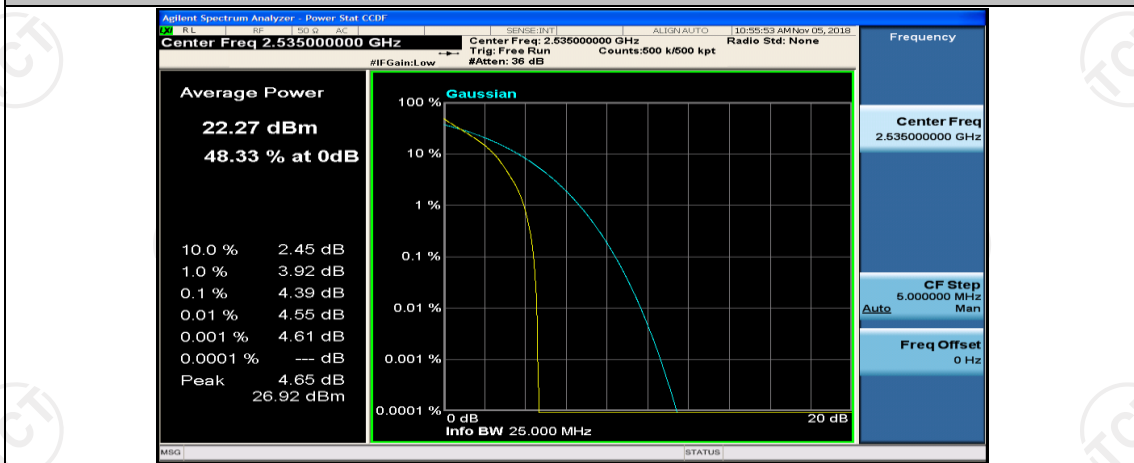
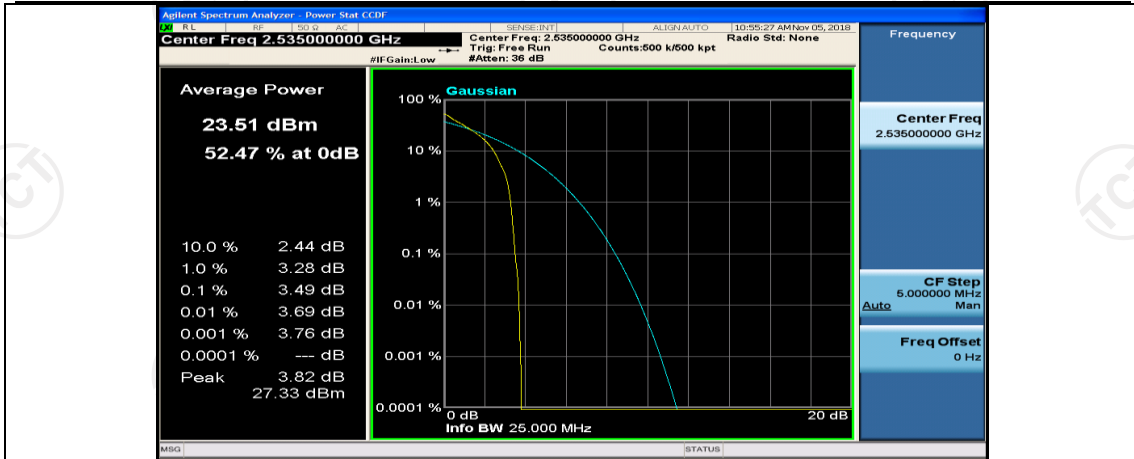
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

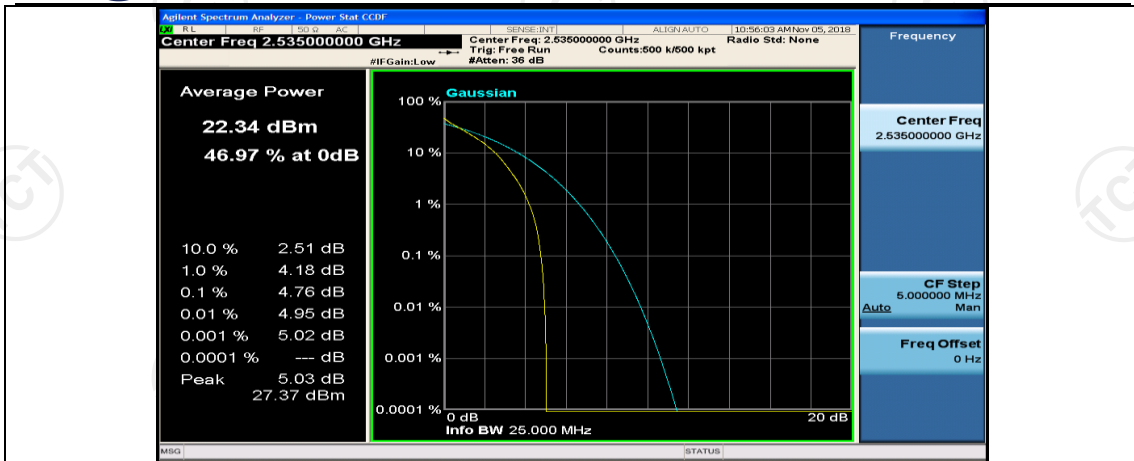


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

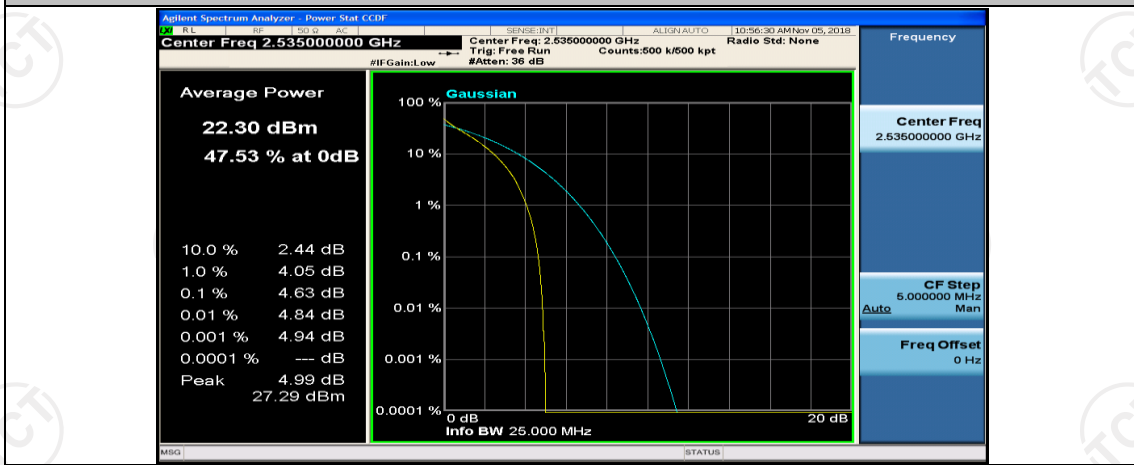


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

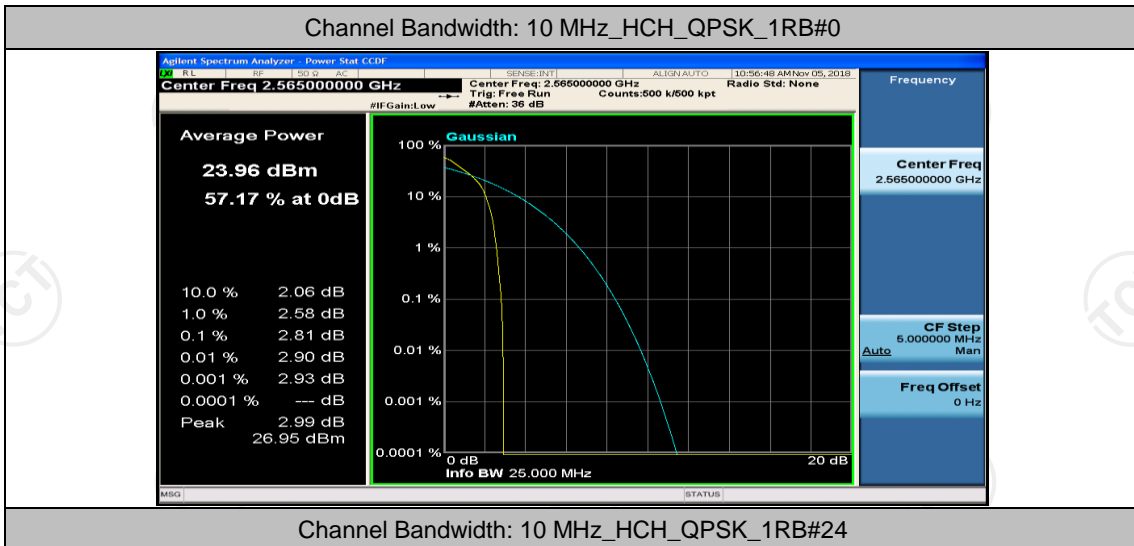




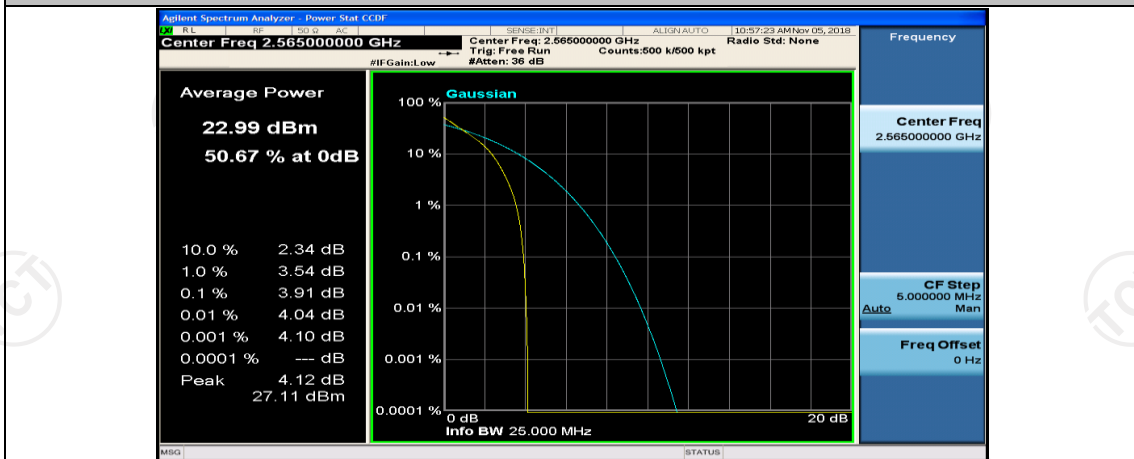
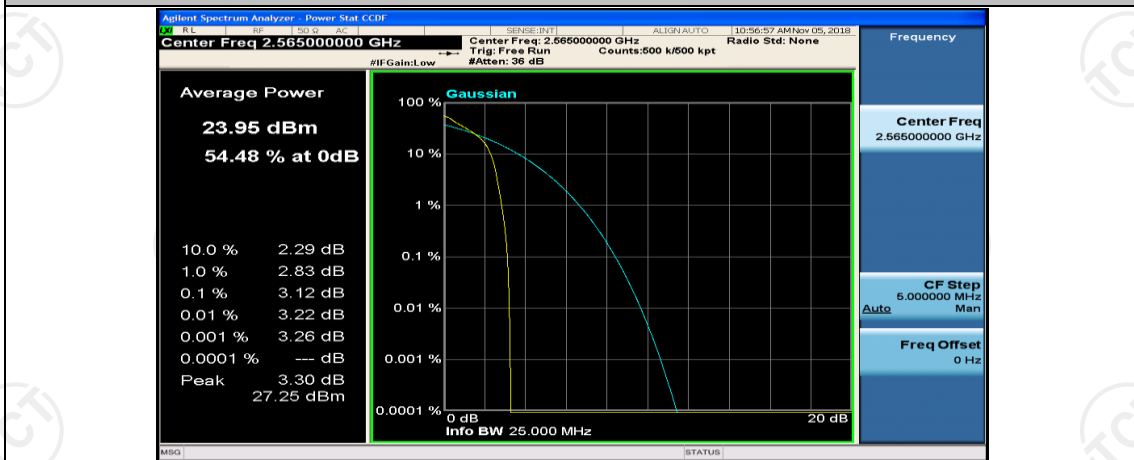
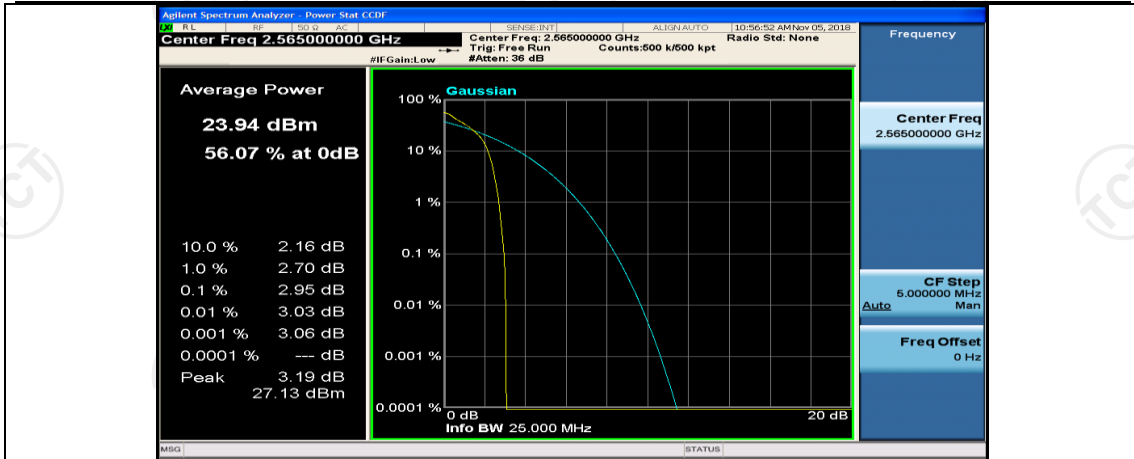
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

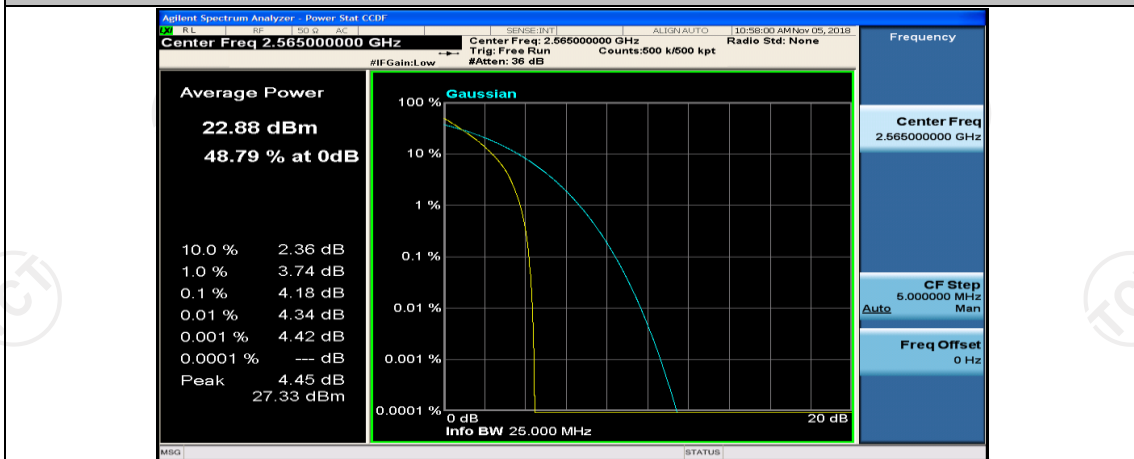
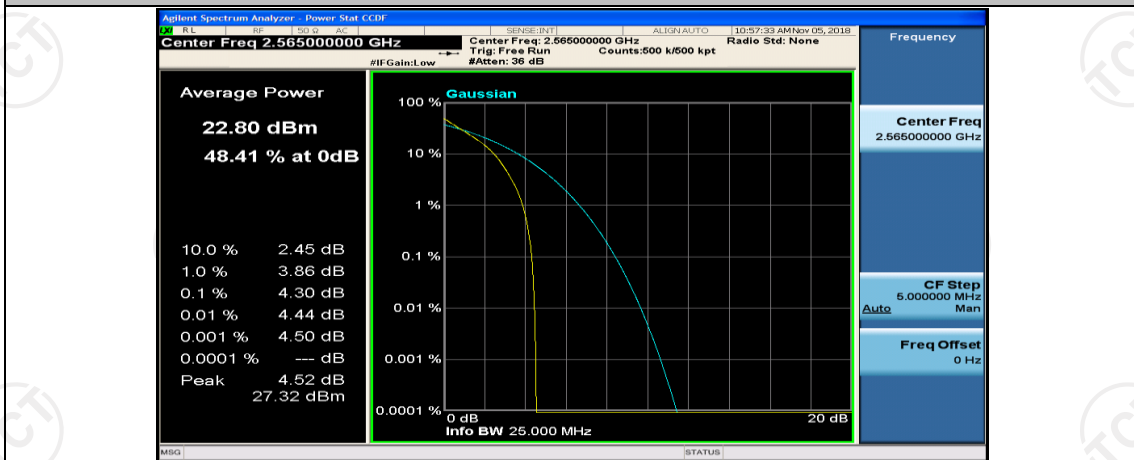
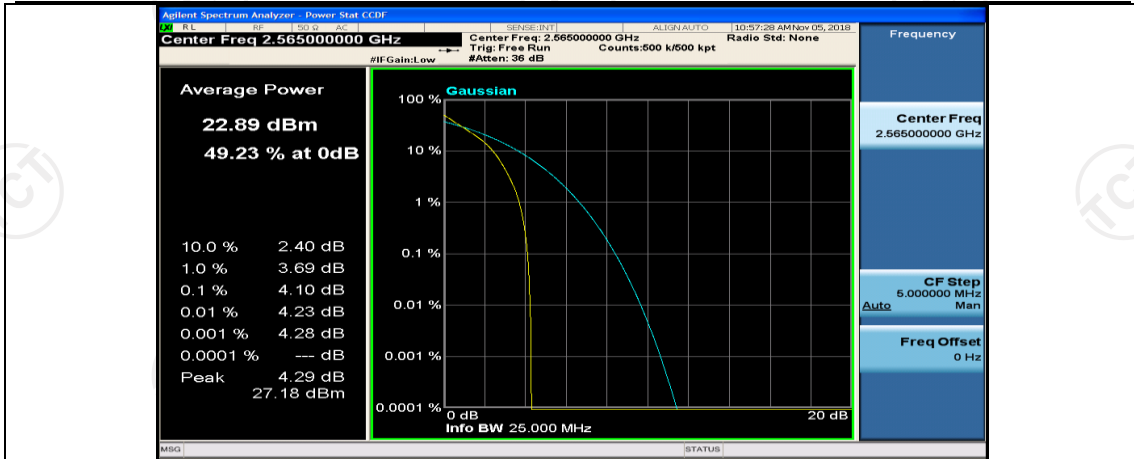


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

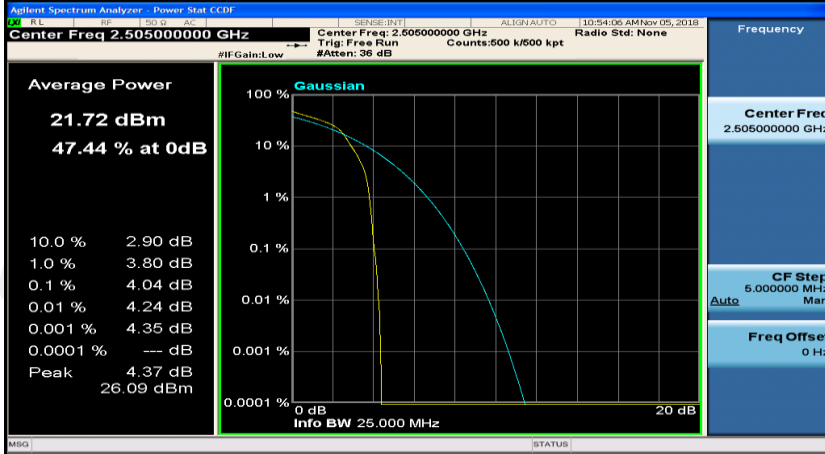


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

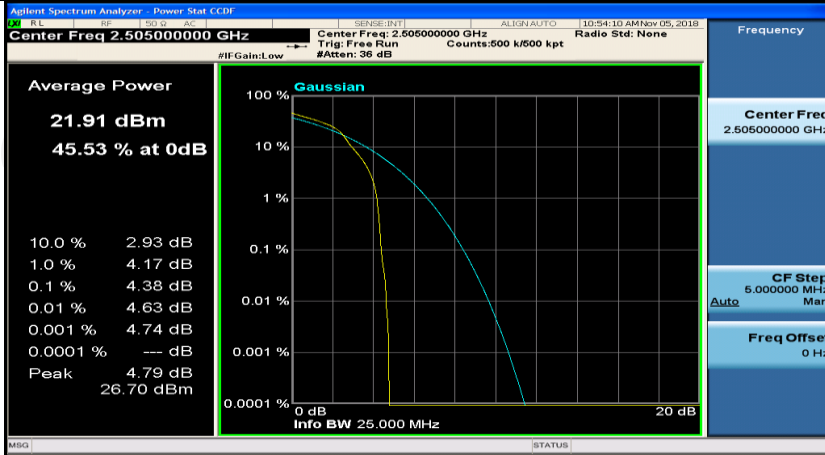




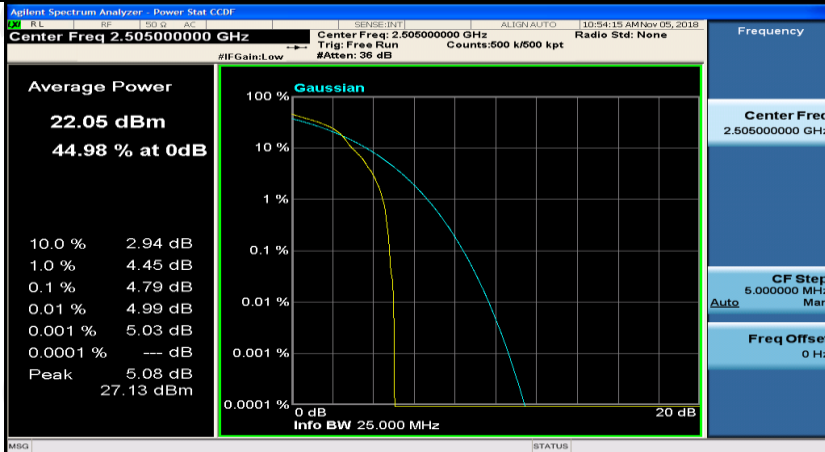
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



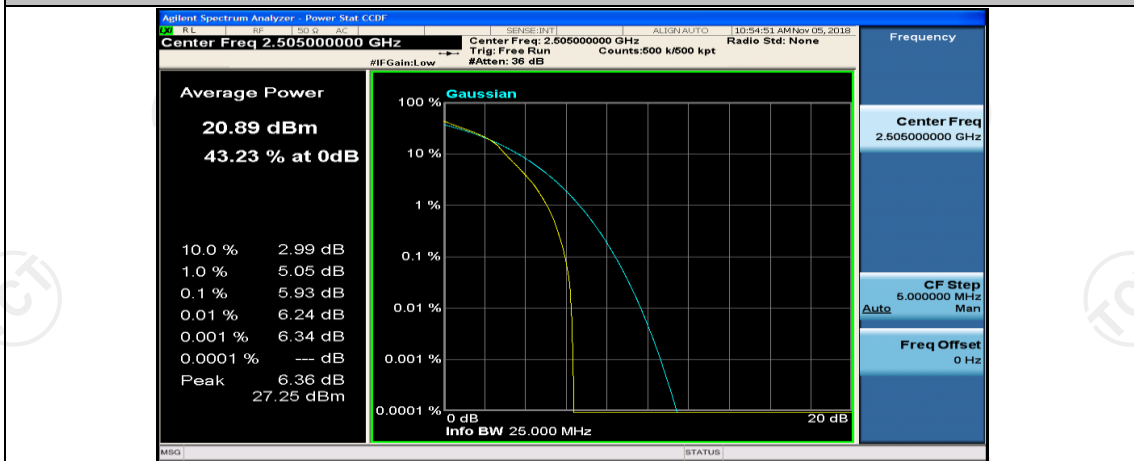
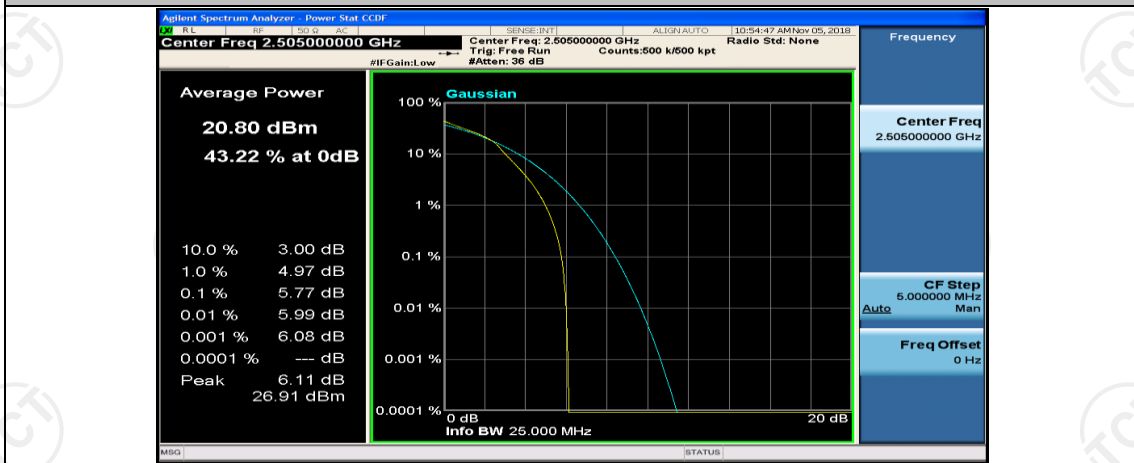
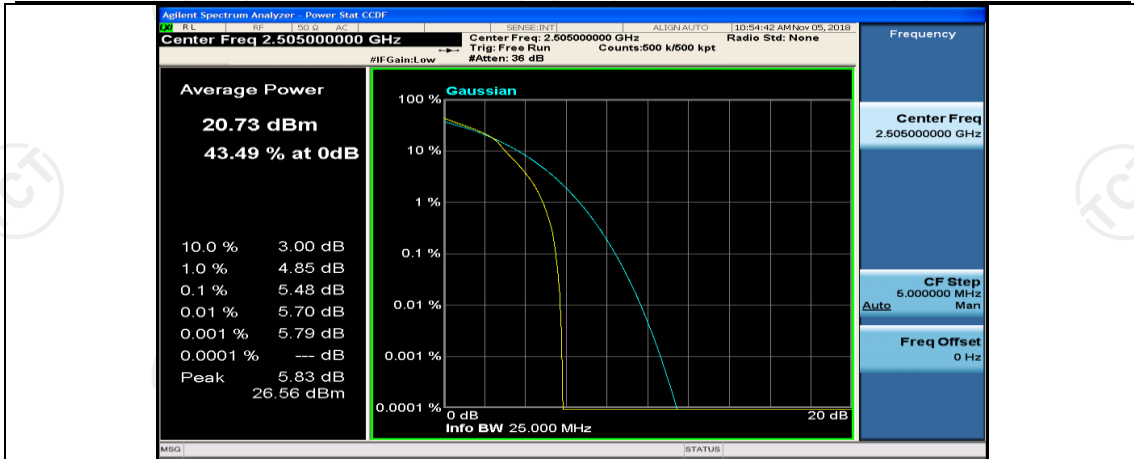
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

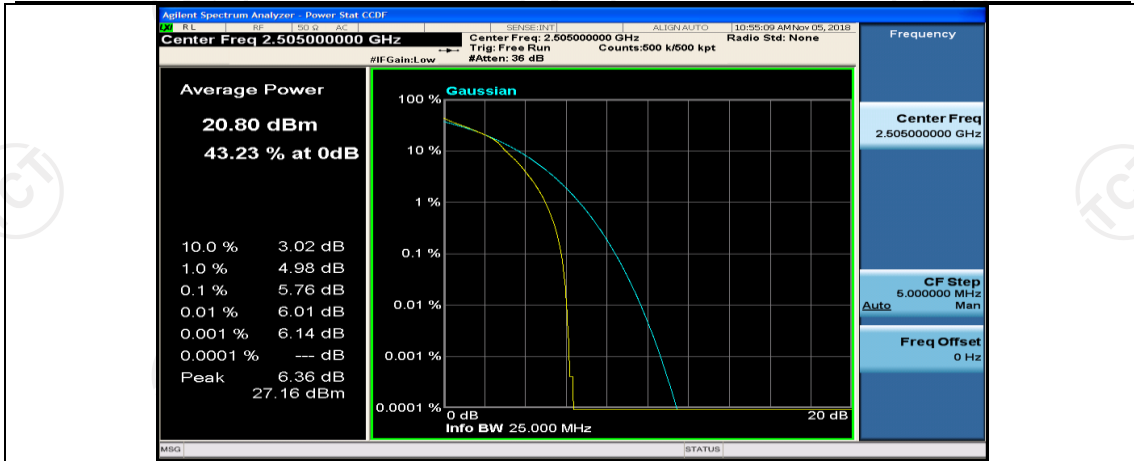


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

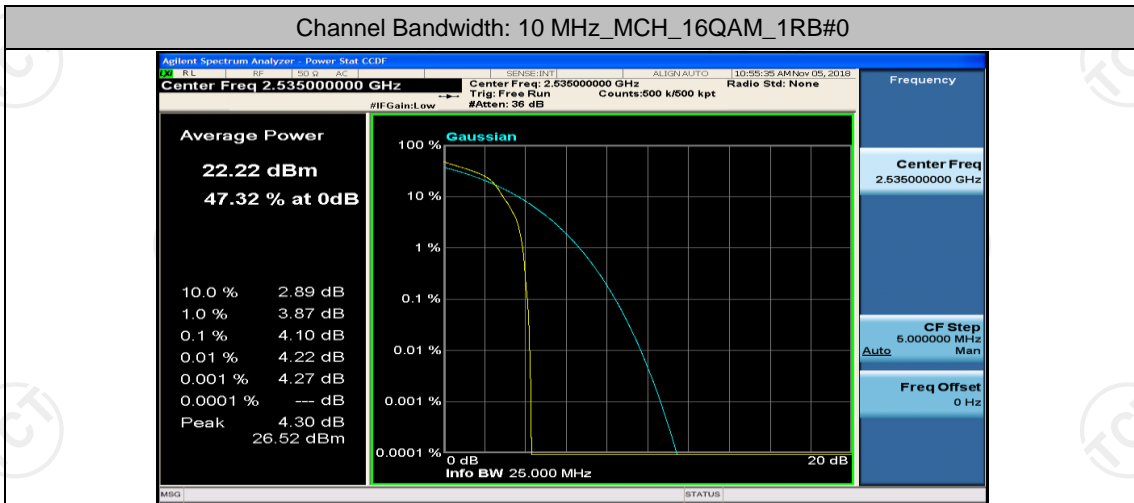


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

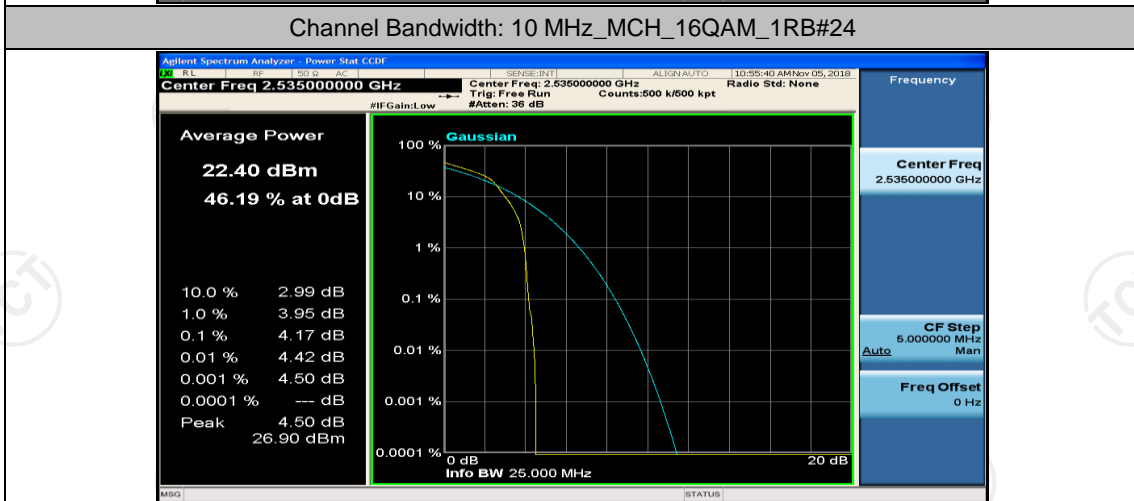




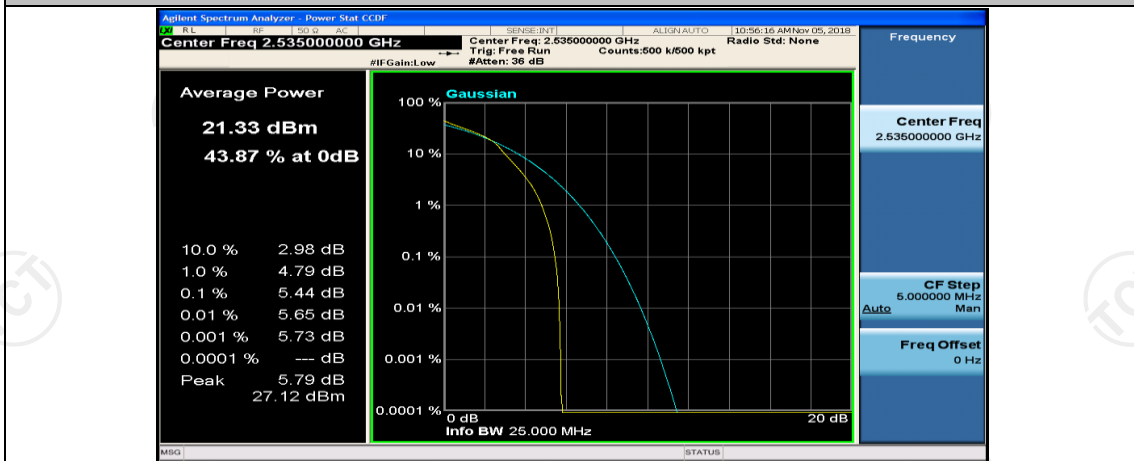
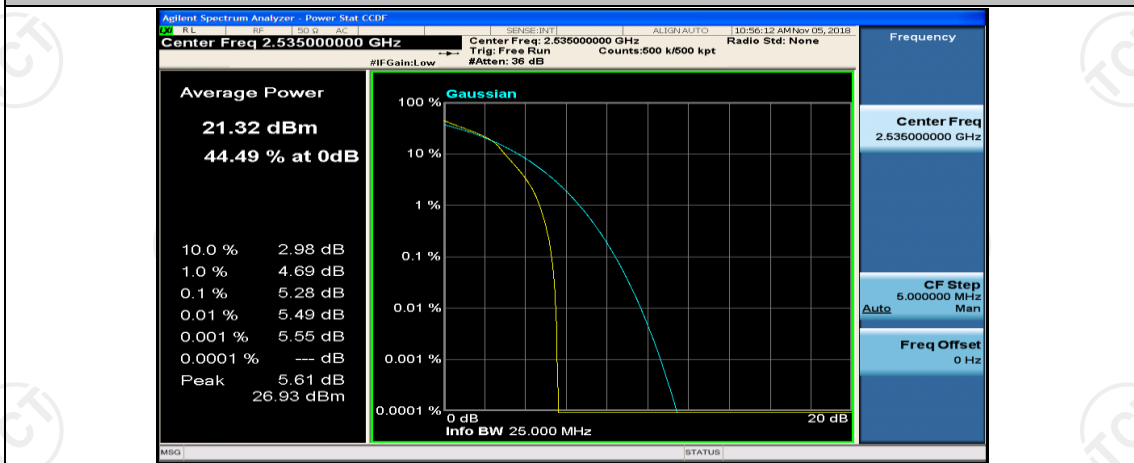
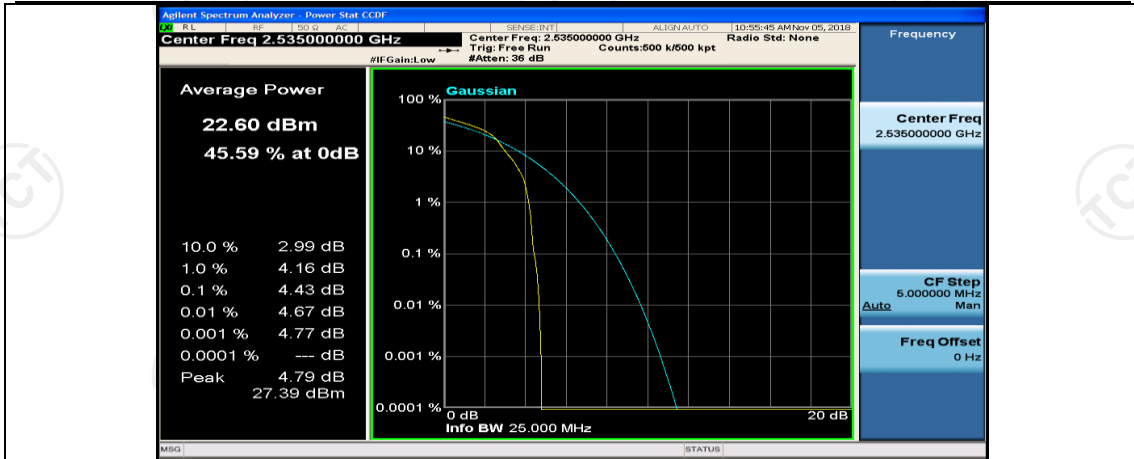
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

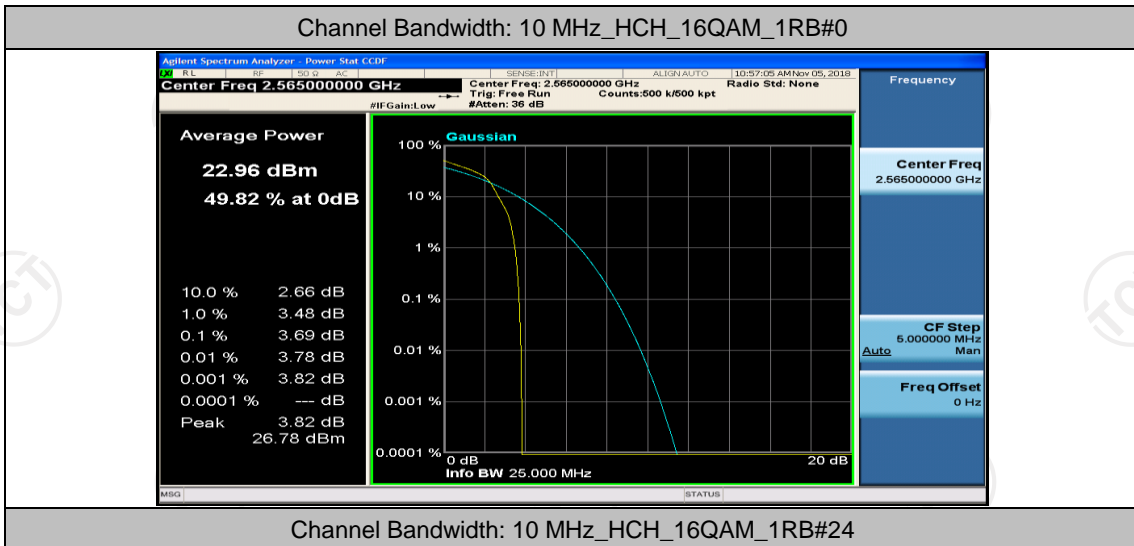
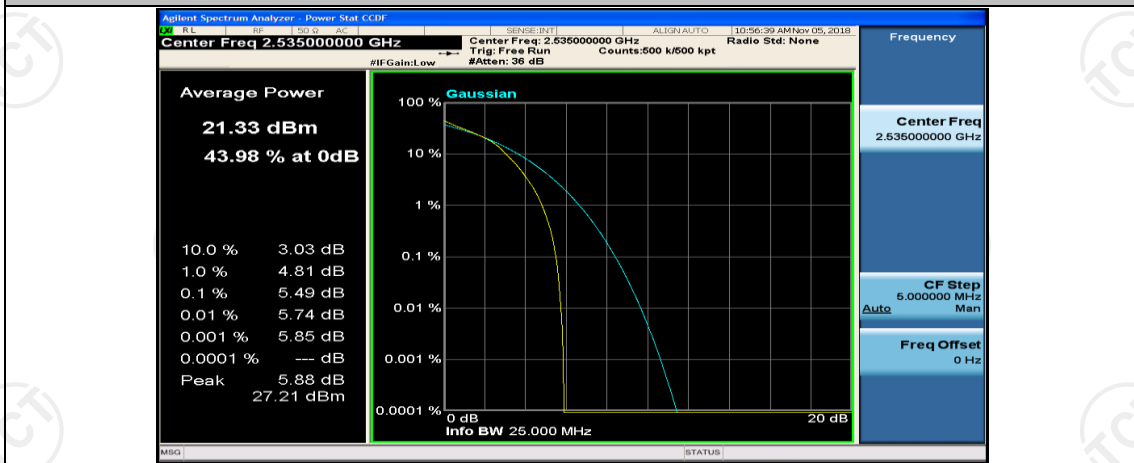
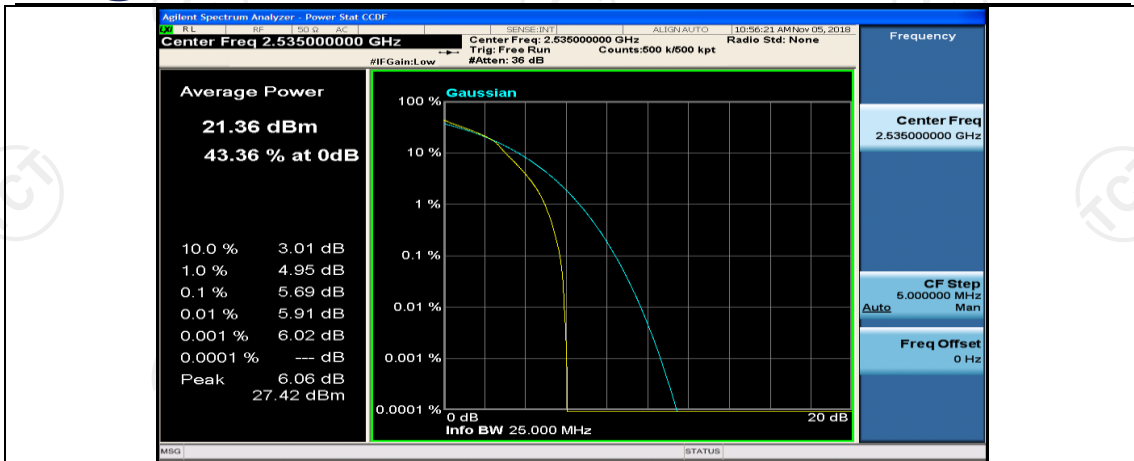


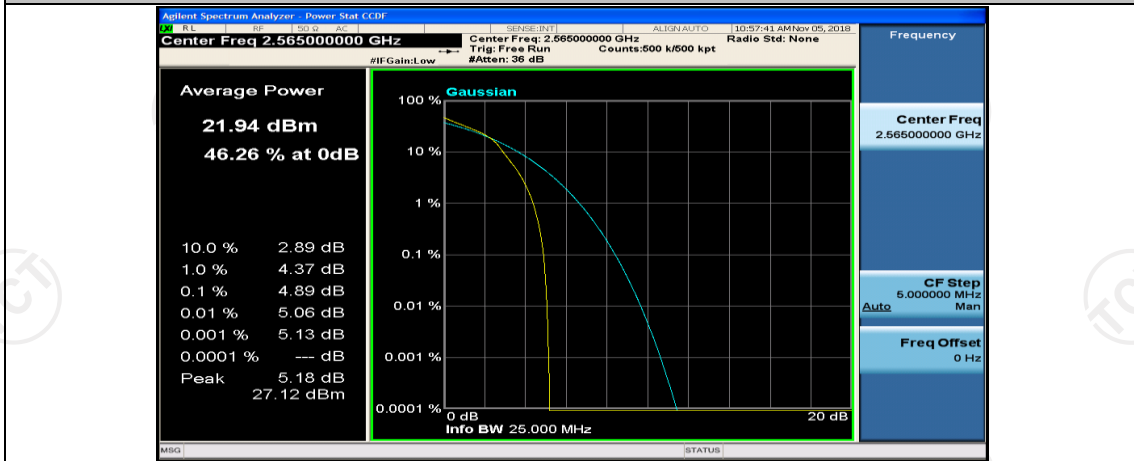
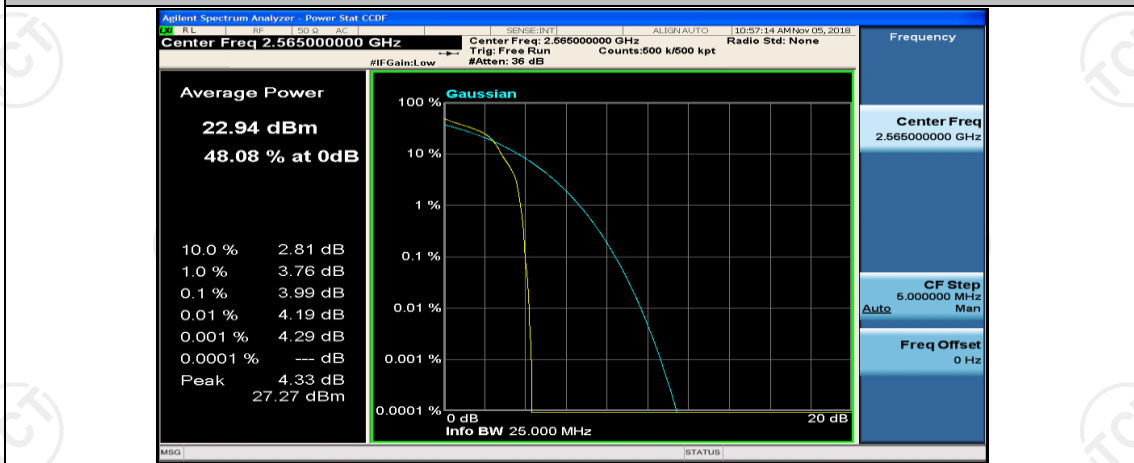
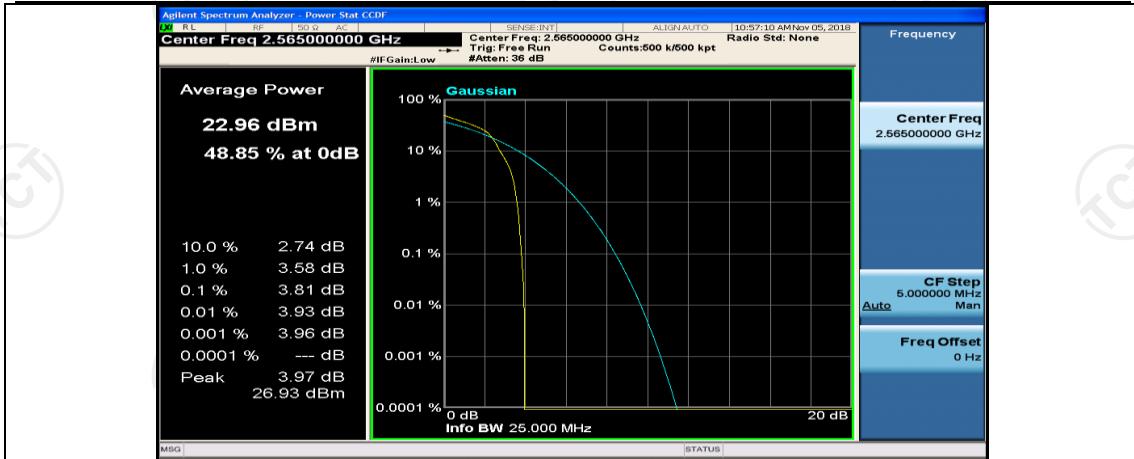
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

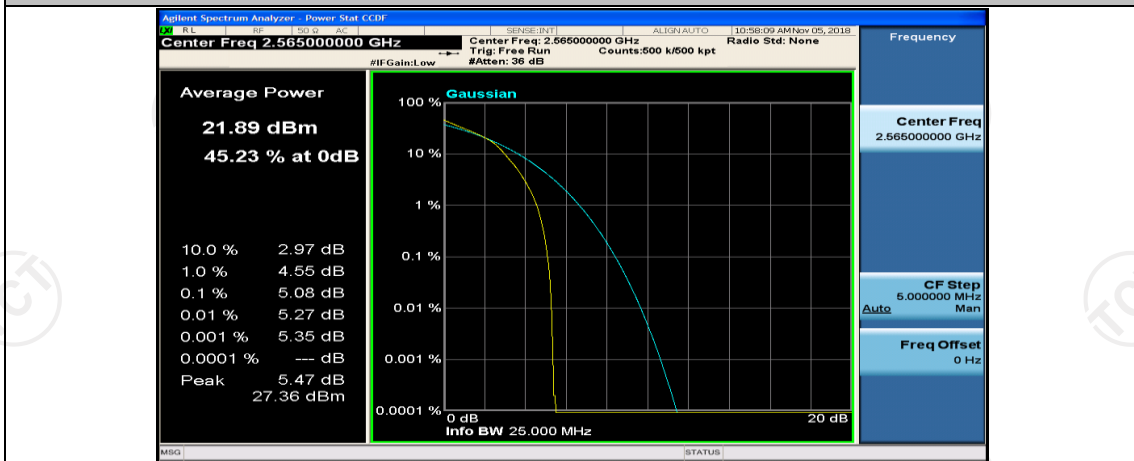
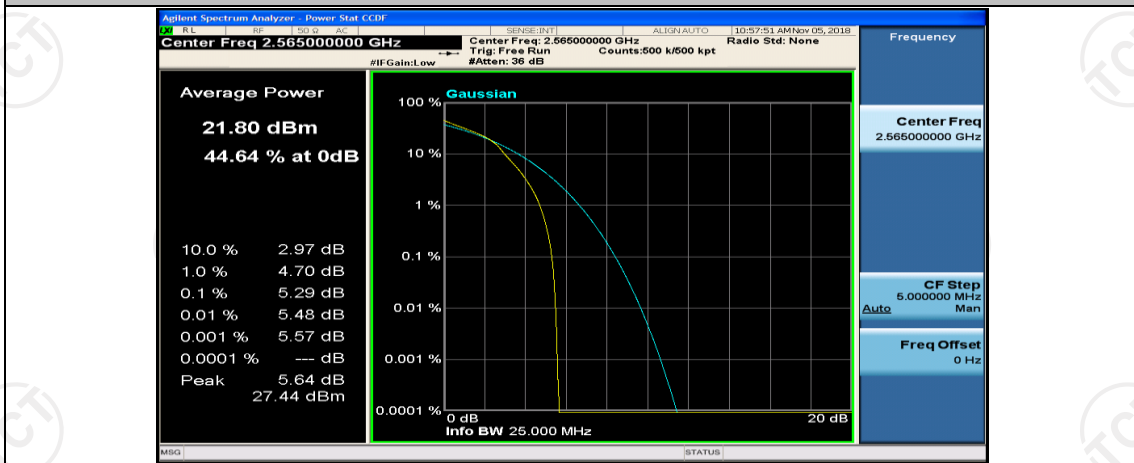
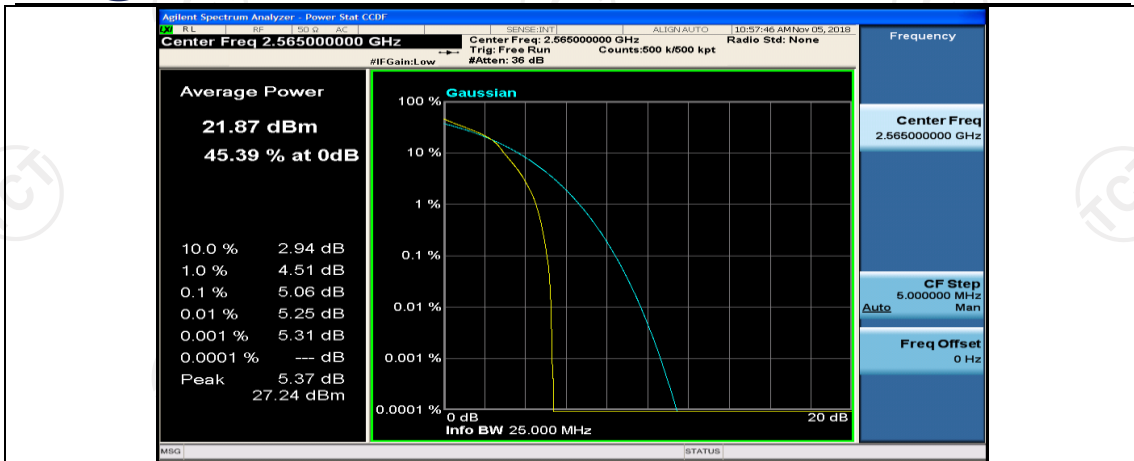


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

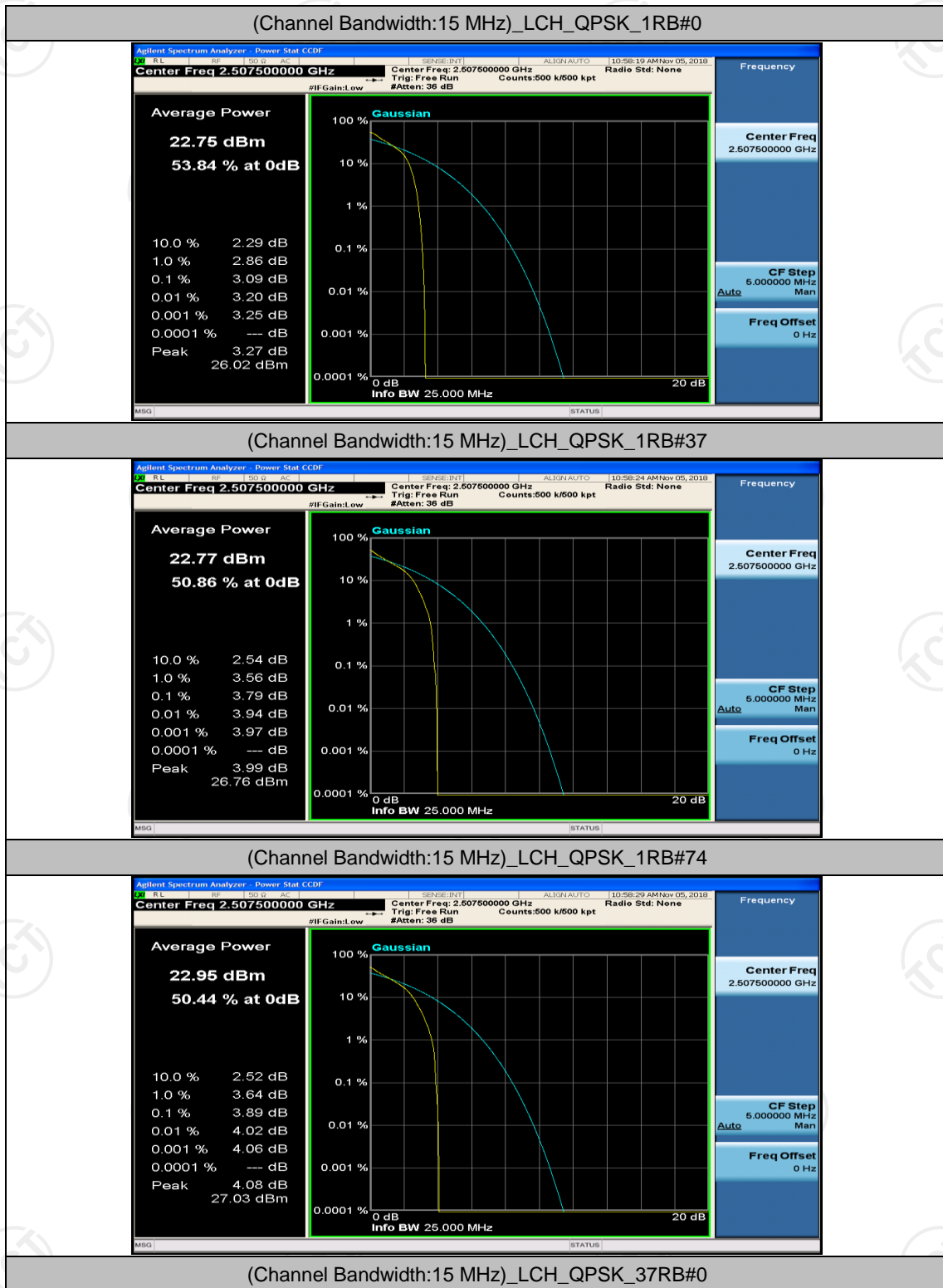


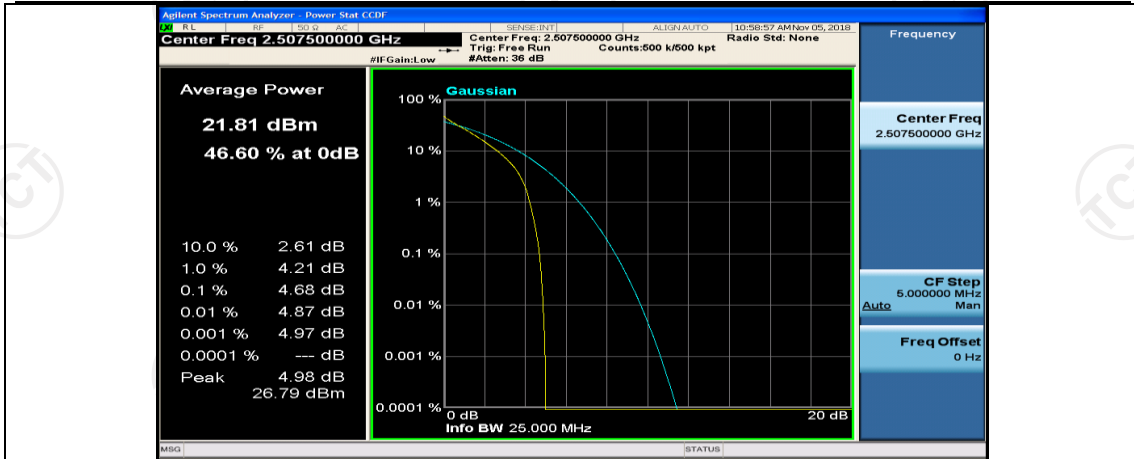




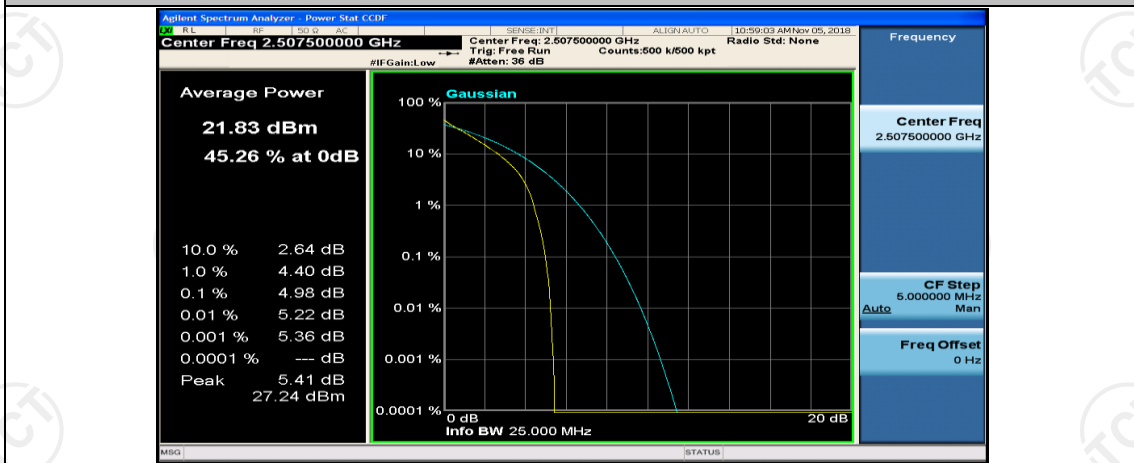


Channel Bandwidth: 15 MHz

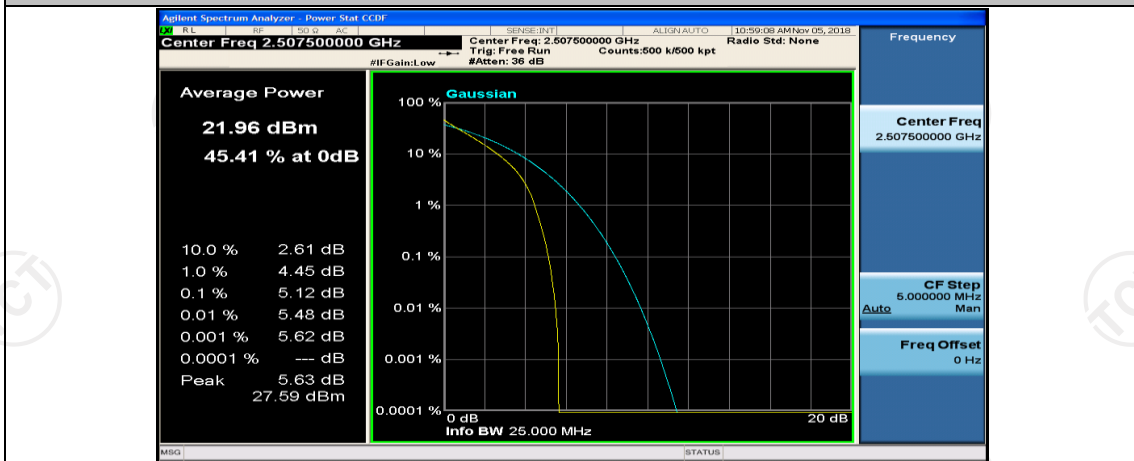




(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0