

## 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	22.28	23.28	PASS
		1	12	22.64	23.64	PASS
		1	24	22.31	23.31	PASS
		12	0	21.37	22.37	PASS
		12	6	21.42	22.42	PASS
		12	13	21.37	22.37	PASS
		25	0	21.39	22.39	PASS
	MCH	1	0	22.87	23.87	PASS
		1	12	23.31	24.31	PASS
		1	24	22.93	23.93	PASS
		12	0	21.95	22.95	PASS
		12	6	21.94	22.94	PASS
		12	13	21.87	22.87	PASS
		25	0	21.90	22.90	PASS
	HCH	1	0	23.63	24.63	PASS
		1	12	23.14	24.14	PASS
		1	24	23.70	24.70	PASS
		12	0	22.64	23.64	PASS
		12	6	22.68	23.68	PASS
		12	13	22.66	23.66	PASS
		25	0	22.62	23.62	PASS
16QAM	LCH	1	0	21.45	22.45	PASS
		1	12	21.76	22.76	PASS
		1	24	21.50	22.50	PASS
		12	0	20.39	21.39	PASS
		12	6	20.47	21.47	PASS
		12	13	20.39	21.39	PASS
		25	0	20.40	21.40	PASS
	MCH	1	0	21.91	22.91	PASS
		1	12	22.26	23.26	PASS
		1	24	21.92	22.92	PASS
		12	0	20.93	21.93	PASS
		12	6	20.91	21.91	PASS

		12	13	20.84	21.84	PASS
		25	0	20.82	21.82	PASS
	HCH	1	0	22.73	23.73	PASS
		1	12	23.07	24.07	PASS
		1	24	22.69	23.69	PASS
		12	0	21.62	22.62	PASS
		12	6	21.67	22.67	PASS
		12	13	21.66	22.66	PASS
		25	0	21.56	22.56	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	22.39	23.39	PASS
		1	24	22.48	23.48	PASS
		1	49	22.46	23.46	PASS
		25	0	21.51	22.51	PASS
		25	12	21.48	22.48	PASS
		25	25	21.48	22.48	PASS
		50	0	21.47	22.47	PASS
	MCH	1	0	22.89	23.89	PASS
		1	24	23.07	24.07	PASS
		1	49	23.05	24.05	PASS
		25	0	22.02	23.02	PASS
		25	12	21.99	22.99	PASS
		25	25	21.91	22.91	PASS
		50	0	21.99	22.99	PASS
	HCH	1	0	23.77	24.77	PASS
		1	24	23.91	24.91	PASS
		1	49	23.80	24.80	PASS
		25	0	22.69	23.69	PASS
		25	12	22.81	23.81	PASS
		25	25	22.78	23.78	PASS
		50	0	22.72	23.72	PASS
16QAM	LCH	1	0	21.55	22.55	PASS
		1	24	21.66	22.66	PASS
		1	49	21.62	22.62	PASS
		25	0	20.47	21.47	PASS
		25	12	20.44	21.44	PASS
		25	25	20.44	21.44	PASS

	MCH	50	0	20.42	21.42	PASS
		1	0	21.98	22.98	PASS
		1	24	22.08	23.08	PASS
		1	49	22.10	23.10	PASS
		25	0	20.95	21.95	PASS
		25	12	20.92	21.92	PASS
		25	25	20.85	21.85	PASS
		50	0	20.93	21.93	PASS
	HCH	1	0	22.80	23.80	PASS
		1	24	22.87	23.87	PASS
		1	49	22.77	23.77	PASS
		25	0	21.61	22.61	PASS
		25	12	21.72	22.72	PASS
		25	25	21.72	22.72	PASS
		50	0	21.70	22.70	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	22.35	23.35	PASS
		1	37	22.69	23.69	PASS
		1	74	22.45	23.45	PASS
		37	0	21.52	22.52	PASS
		37	18	21.54	22.54	PASS
		37	38	21.57	22.57	PASS
		75	0	21.60	22.60	PASS
	MCH	1	0	22.81	23.81	PASS
		1	37	23.29	24.29	PASS
		1	74	22.99	23.99	PASS
		37	0	22.17	23.17	PASS
		37	18	22.20	23.20	PASS
		37	38	22.11	23.11	PASS
		75	0	22.19	23.19	PASS
	HCH	1	0	23.73	24.73	PASS
		1	37	23.13	24.13	PASS
		1	74	23.70	24.70	PASS
		37	0	22.82	23.82	PASS
		37	18	22.91	23.91	PASS
		37	38	22.95	23.95	PASS
		75	0	22.95	23.95	PASS

Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
16QAM	LCH	1	0	21.50	22.50	PASS
		1	37	21.89	22.89	PASS
		1	74	21.61	22.61	PASS
		37	0	20.47	21.47	PASS
		37	18	20.49	21.49	PASS
		37	38	20.51	21.51	PASS
		75	0	20.52	21.52	PASS
	MCH	1	0	21.90	22.90	PASS
		1	37	22.24	23.24	PASS
		1	74	21.97	22.97	PASS
		37	0	21.01	22.01	PASS
		37	18	21.05	22.05	PASS
		37	38	20.97	21.97	PASS
		75	0	21.05	22.05	PASS
	HCH	1	0	22.70	23.70	PASS
		1	37	23.07	24.07	PASS
		1	74	22.66	23.66	PASS
		37	0	21.70	22.70	PASS
		37	18	21.78	22.78	PASS
		37	38	21.82	22.82	PASS
		75	0	21.80	22.80	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	22.28	23.28	PASS
		1	49	22.63	23.63	PASS
		1	99	22.38	23.38	PASS
		50	0	21.45	22.45	PASS
		50	25	21.50	22.50	PASS
		50	50	21.62	22.62	PASS
		100	0	21.50	22.50	PASS
	MCH	1	0	22.65	23.65	PASS
		1	49	23.25	24.25	PASS
		1	99	22.95	23.95	PASS
		50	0	22.02	23.02	PASS
		50	25	21.96	22.96	PASS
		50	50	21.82	22.82	PASS
		100	0	21.95	22.95	PASS
	HCH	1	0	23.52	24.52	PASS

		1	49	23.08	24.08	PASS
		1	99	23.95	24.95	PASS
		50	0	22.61	23.61	PASS
		50	25	22.83	23.83	PASS
		50	50	22.90	23.90	PASS
		100	0	22.78	23.78	PASS
16QAM	LCH	1	0	21.41	22.41	PASS
		1	49	21.83	22.83	PASS
		1	99	21.57	22.57	PASS
		50	0	20.37	21.37	PASS
		50	25	20.47	21.47	PASS
		50	50	20.53	21.53	PASS
		100	0	20.47	21.47	PASS
	MCH	1	0	21.83	22.83	PASS
		1	49	22.17	23.17	PASS
		1	99	22.00	23.00	PASS
		50	0	20.96	21.96	PASS
		50	25	20.94	21.94	PASS
		50	50	20.72	21.72	PASS
		100	0	20.88	21.88	PASS
	HCH	1	0	22.52	23.52	PASS
		1	49	22.98	23.98	PASS
		1	99	22.56	23.56	PASS
		50	0	21.52	22.52	PASS
		50	25	21.73	22.73	PASS
		50	50	21.83	22.83	PASS
		100	0	21.69	22.69	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	8.09	<13	PASS
		1	12	7.92	<13	PASS
		1	24	6.97	<13	PASS
		12	0	7.52	<13	PASS
		12	6	8.55	<13	PASS
		12	13	9.16	<13	PASS
		25	0	11.44	<13	PASS
	MCH	1	0	6.00	<13	PASS
		1	12	5.25	<13	PASS
		1	24	6.60	<13	PASS
		12	0	4.28	<13	PASS
		12	6	6.83	<13	PASS
		12	13	7.89	<13	PASS
		25	0	7.58	<13	PASS
	HCH	1	0	7.43	<13	PASS
		1	12	5.24	<13	PASS
		1	24	5.59	<13	PASS
		12	0	10.53	<13	PASS
		12	6	6.95	<13	PASS
		12	13	7.86	<13	PASS
		25	0	8.72	<13	PASS
16QAM	LCH	1	0	8.23	<13	PASS
		1	12	8.11	<13	PASS
		1	24	9.93	<13	PASS
		12	0	7.90	<13	PASS
		12	6	9.14	<13	PASS
		12	13	7.66	<13	PASS
		25	0	8.63	<13	PASS
	MCH	1	0	8.27	<13	PASS
		1	12	6.67	<13	PASS
		1	24	7.98	<13	PASS

		12	0	8.70	<13	PASS
		12	6	8.49	<13	PASS
		12	13	8.85	<13	PASS
		25	0	11.19	<13	PASS
	HCH	1	0	5.61	<13	PASS
		1	12	7.75	<13	PASS
		1	24	8.19	<13	PASS
		12	0	8.86	<13	PASS
		12	6	8.44	<13	PASS
		12	13	9.09	<13	PASS
		25	0	8.81	<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	6.21	<13	PASS
		1	24	9.89	<13	PASS
		1	49	7.79	<13	PASS
		25	0	6.99	<13	PASS
		25	12	7.03	<13	PASS
		25	25	8.42	<13	PASS
		50	0	9.32	<13	PASS
	MCH	1	0	5.32	<13	PASS
		1	24	6.37	<13	PASS
		1	49	7.83	<13	PASS
		25	0	8.52	<13	PASS
		25	12	6.54	<13	PASS
		25	25	7.48	<13	PASS
		50	0	6.97	<13	PASS
	HCH	1	0	8.21	<13	PASS
		1	24	6.66	<13	PASS
		1	49	8.91	<13	PASS
		25	0	8.31	<13	PASS
		25	12	9.61	<13	PASS
		25	25	8.11	<13	PASS
		50	0	7.46	<13	PASS
16QAM	LCH	1	0	8.83	<13	PASS
		1	24	8.38	<13	PASS
		1	49	8.65	<13	PASS
		25	0	8.27	<13	PASS

		25	12	8.34	<13	PASS
		25	25	10.22	<13	PASS
		50	0	10.96	<13	PASS
	MCH	1	0	8.13	<13	PASS
		1	24	7.43	<13	PASS
		1	49	7.00	<13	PASS
		25	0	10.23	<13	PASS
		25	12	8.14	<13	PASS
		25	25	8.67	<13	PASS
	HCH	50	0	8.11	<13	PASS
		1	0	7.55	<13	PASS
		1	24	6.25	<13	PASS
		1	49	9.46	<13	PASS
		25	0	9.32	<13	PASS
		25	12	10.57	<13	PASS
25		25	10.02	<13	PASS	
		50	0	9.78	<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	7.94	<13	PASS
		1	37	7.48	<13	PASS
		1	74	9.51	<13	PASS
		37	0	9.89	<13	PASS
		37	18	10.37	<13	PASS
		37	38	9.10	<13	PASS
		75	0	10.96	<13	PASS
	MCH	1	0	6.42	<13	PASS
		1	37	6.06	<13	PASS
		1	74	4.62	<13	PASS
		37	0	5.97	<13	PASS
		37	18	7.17	<13	PASS
		37	38	7.95	<13	PASS
		75	0	6.51	<13	PASS
	HCH	1	0	7.93	<13	PASS
		1	37	5.99	<13	PASS
		1	74	8.35	<13	PASS
		37	0	6.07	<13	PASS
		37	18	8.37	<13	PASS



16QAM		37	38	8.33	<13	PASS
		75	0	6.90	<13	PASS
	LCH	1	0	8.27	<13	PASS
		1	37	7.95	<13	PASS
		1	74	9.50	<13	PASS
		37	0	8.44	<13	PASS
		37	18	8.56	<13	PASS
		37	38	9.05	<13	PASS
		75	0	8.57	<13	PASS
		MCH	1	0	6.01	<13
	1		37	7.06	<13	PASS
	1		74	7.97	<13	PASS
	37		0	7.73	<13	PASS
	37		18	9.59	<13	PASS
	37		38	8.12	<13	PASS
	75		0	8.84	<13	PASS
	HCH		1	0	9.07	<13
		1	37	9.12	<13	PASS
		1	74	7.80	<13	PASS
		37	0	8.35	<13	PASS
		37	18	10.07	<13	PASS
		37	38	9.03	<13	PASS
		75	0	8.88	<13	PASS

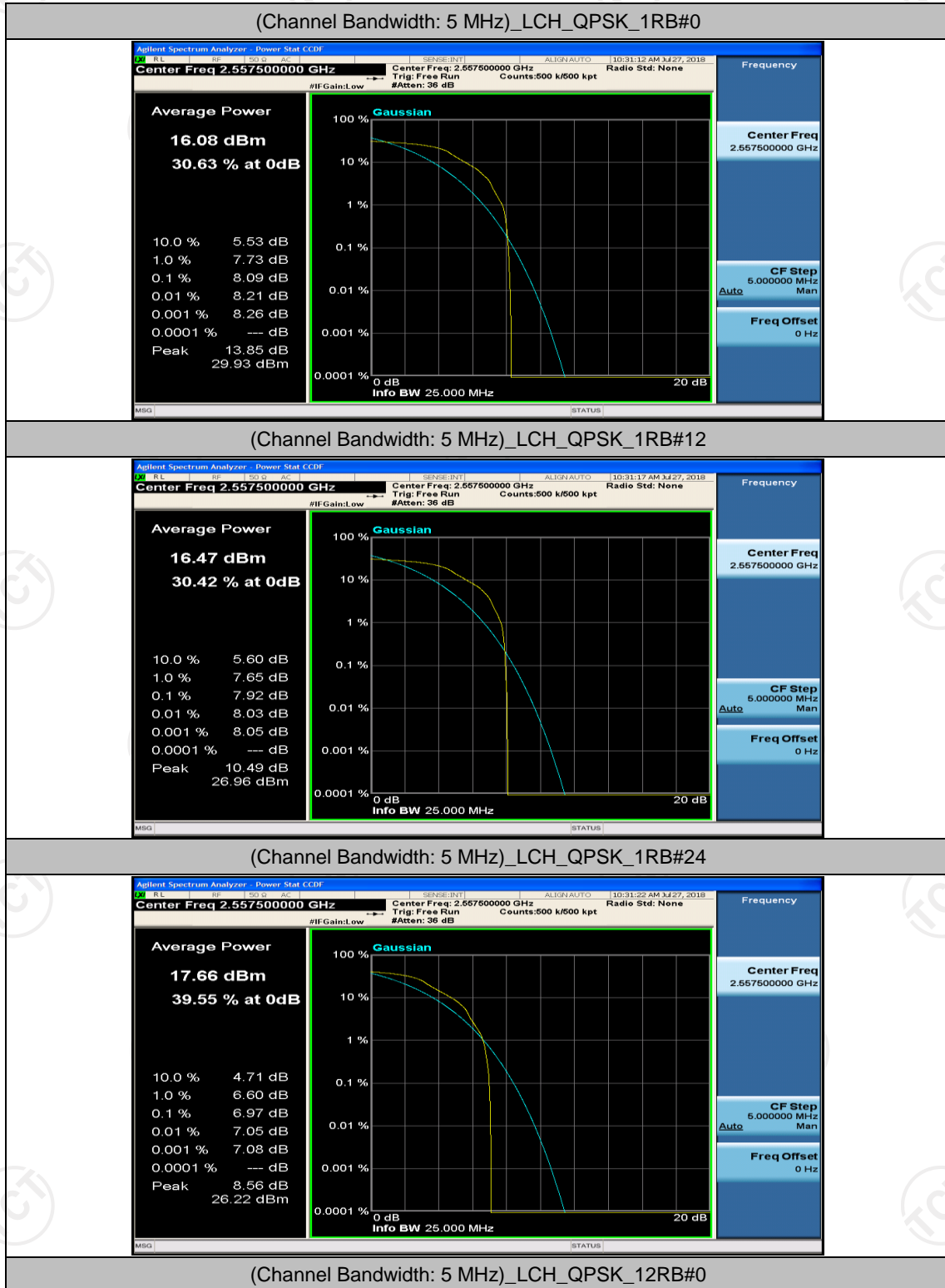
## Channel Bandwidth: 20 MHz

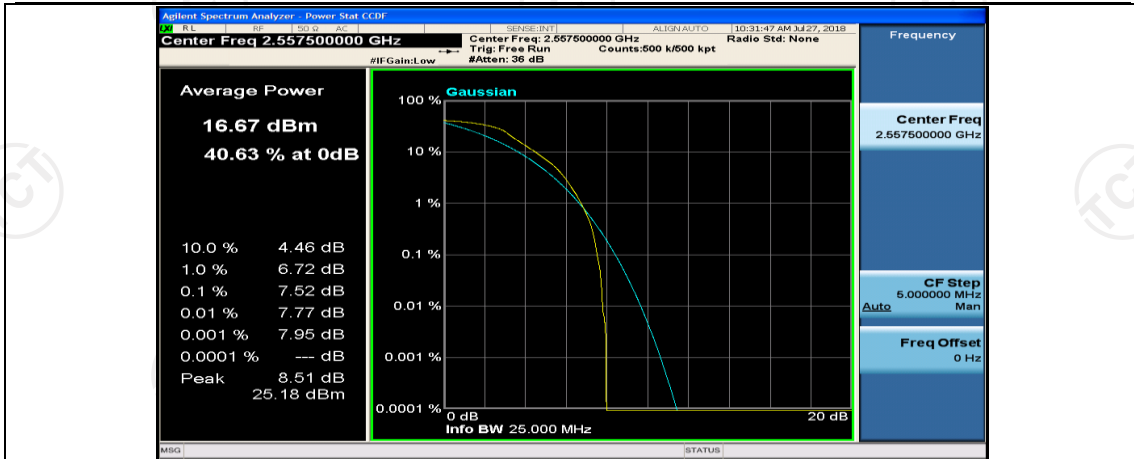
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	6.77	<13	PASS
		1	49	8.02	<13	PASS
		1	99	8.47	<13	PASS
		50	0	7.63	<13	PASS
		50	25	9.34	<13	PASS
		50	50	8.80	<13	PASS
		100	0	9.86	<13	PASS
	MCH	1	0	6.14	<13	PASS
		1	49	5.75	<13	PASS
		1	99	9.32	<13	PASS
		50	0	9.80	<13	PASS
		50	25	6.84	<13	PASS
		50	50	7.37	<13	PASS

	HCH	100	0	8.24	<13	PASS
		1	0	6.83	<13	PASS
		1	49	6.96	<13	PASS
		1	99	6.61	<13	PASS
		50	0	6.15	<13	PASS
		50	25	6.58	<13	PASS
		50	50	8.73	<13	PASS
		100	0	7.52	<13	PASS
16QAM	LCH	1	0	9.42	<13	PASS
		1	49	8.62	<13	PASS
		1	99	9.02	<13	PASS
		50	0	8.54	<13	PASS
		50	25	8.23	<13	PASS
		50	50	9.98	<13	PASS
		100	0	10.28	<13	PASS
		MCH	1	0	7.70	<13
	1		49	5.72	<13	PASS
	1		99	7.40	<13	PASS
	50		0	8.89	<13	PASS
	50		25	7.69	<13	PASS
	50		50	7.82	<13	PASS
	100		0	7.81	<13	PASS
	HCH		1	0	5.99	<13
		1	49	7.48	<13	PASS
		1	99	10.09	<13	PASS
		50	0	10.32	<13	PASS
		50	25	7.84	<13	PASS
		50	50	8.83	<13	PASS
		100	0	8.77	<13	PASS

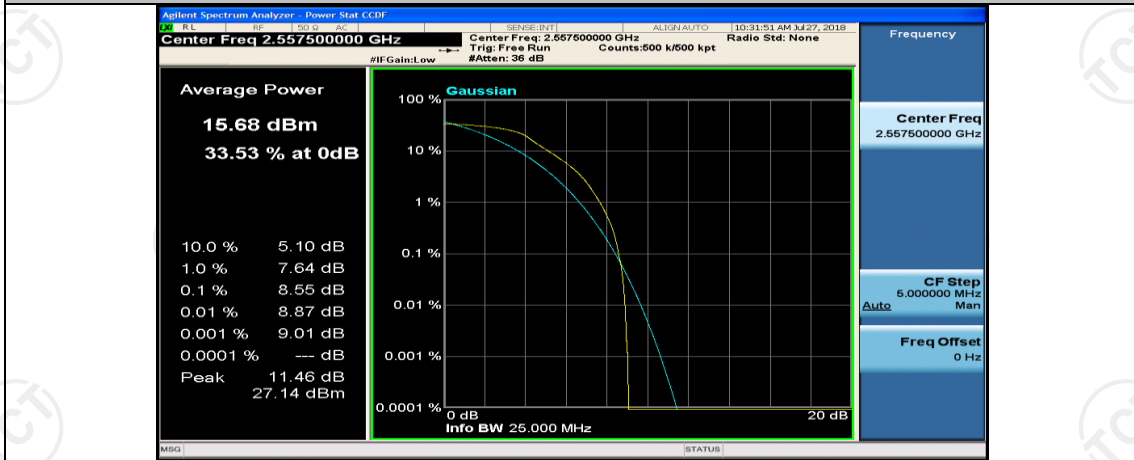
## Test Graphs

### Channel Bandwidth: 5 MHz

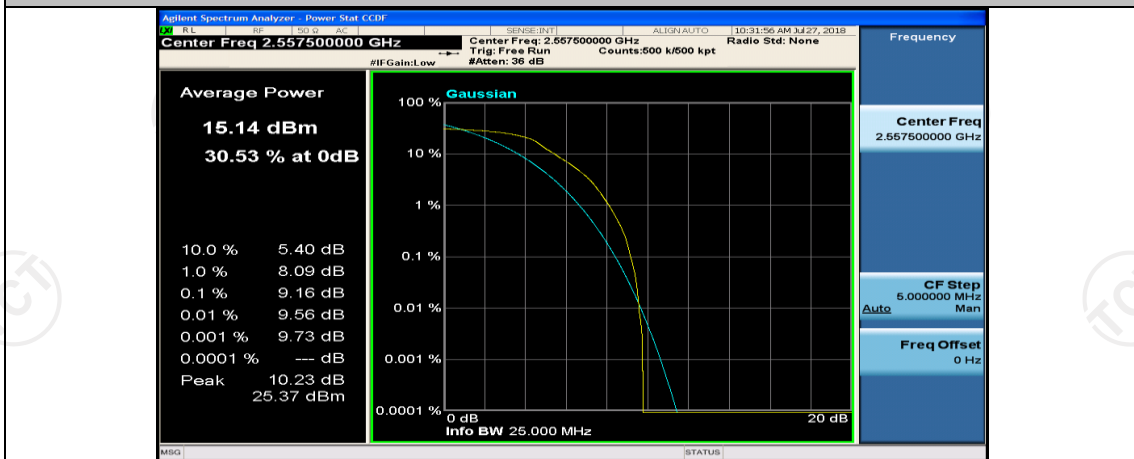




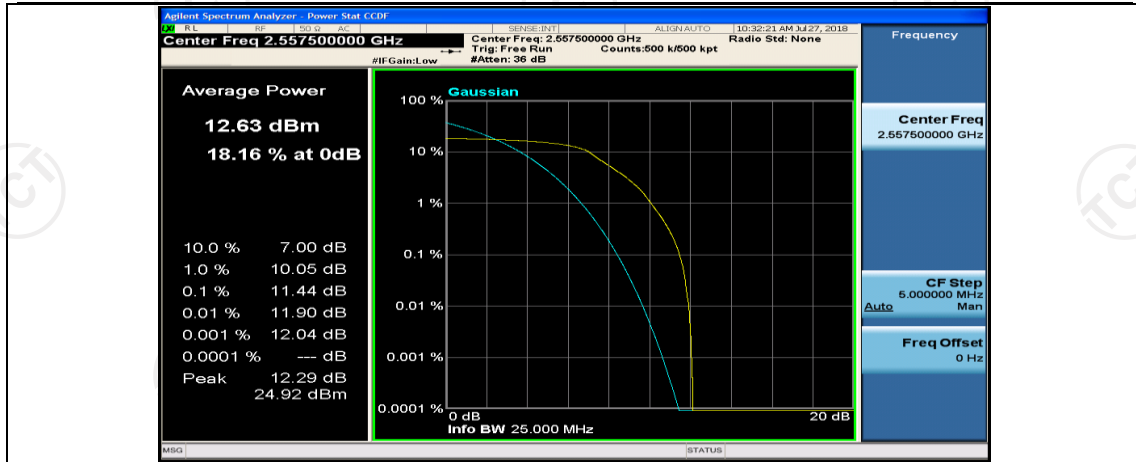
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#6



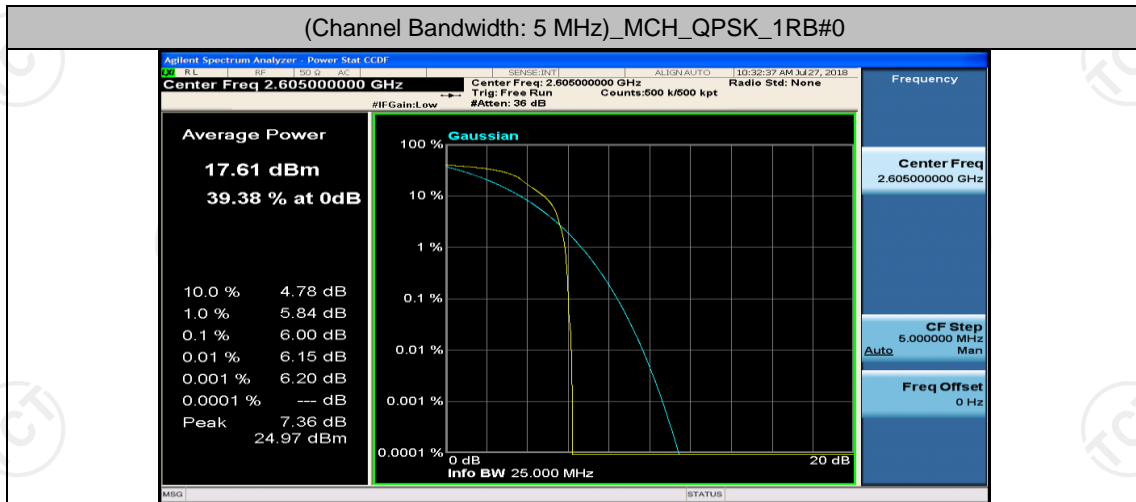
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#13



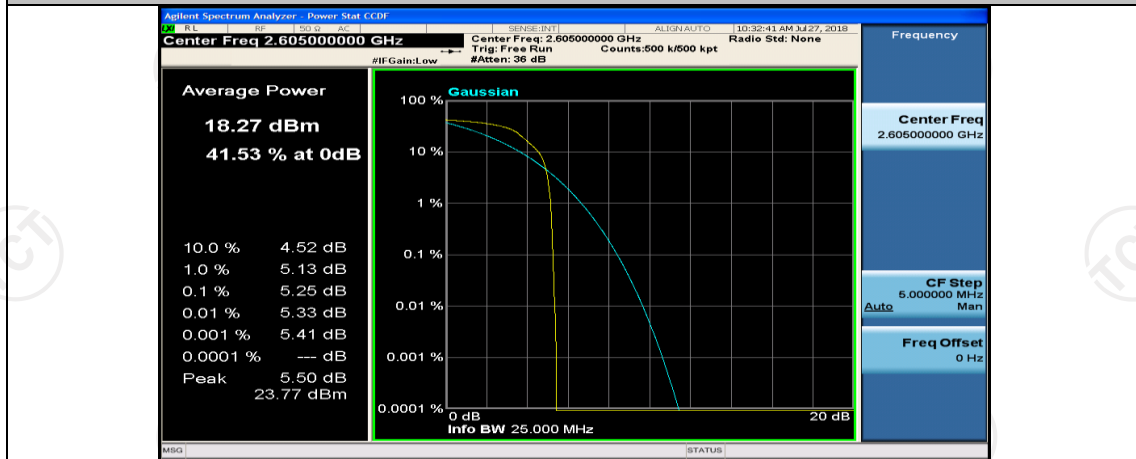
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_25RB#0



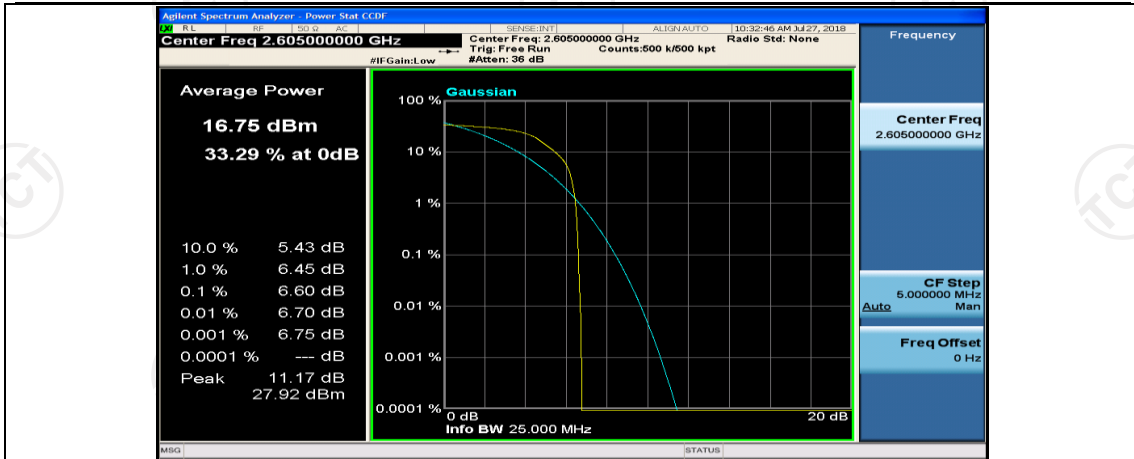
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#0



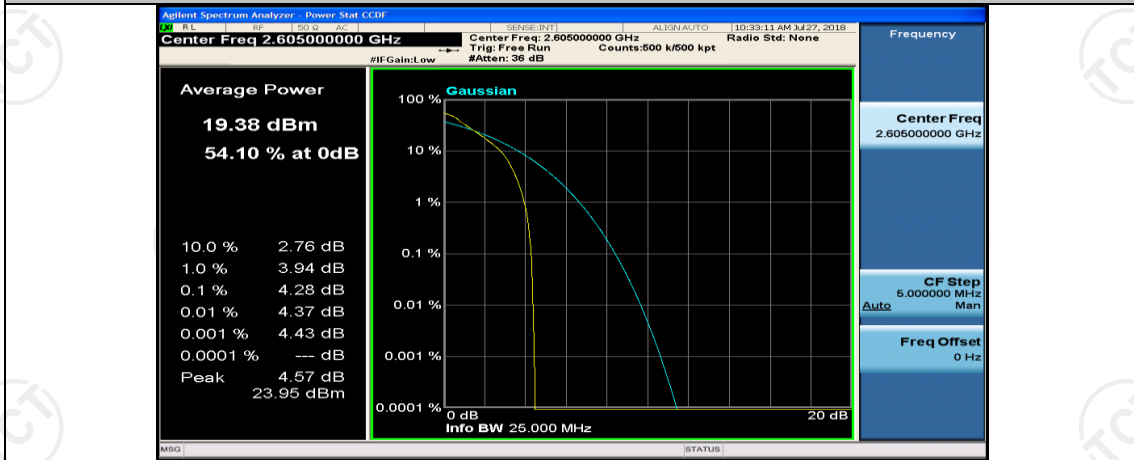
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#12



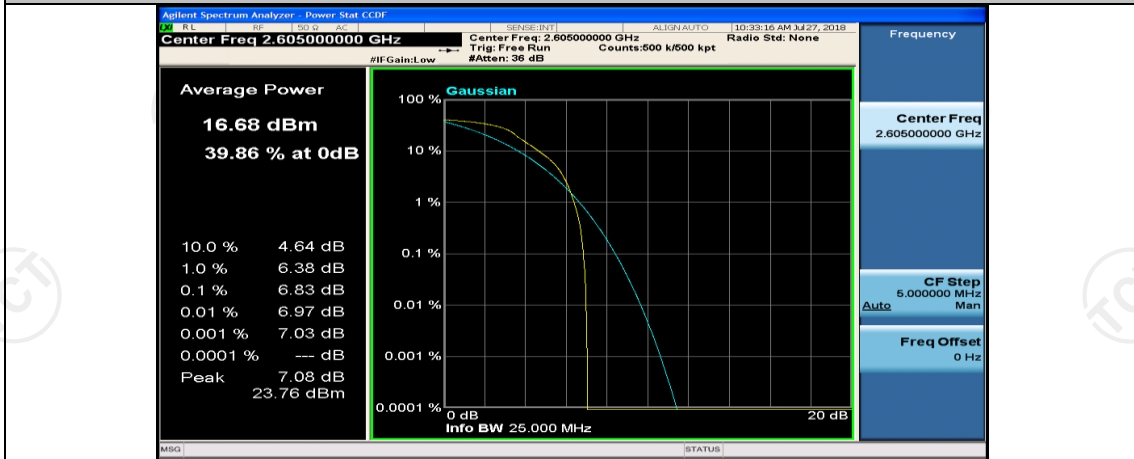
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#24



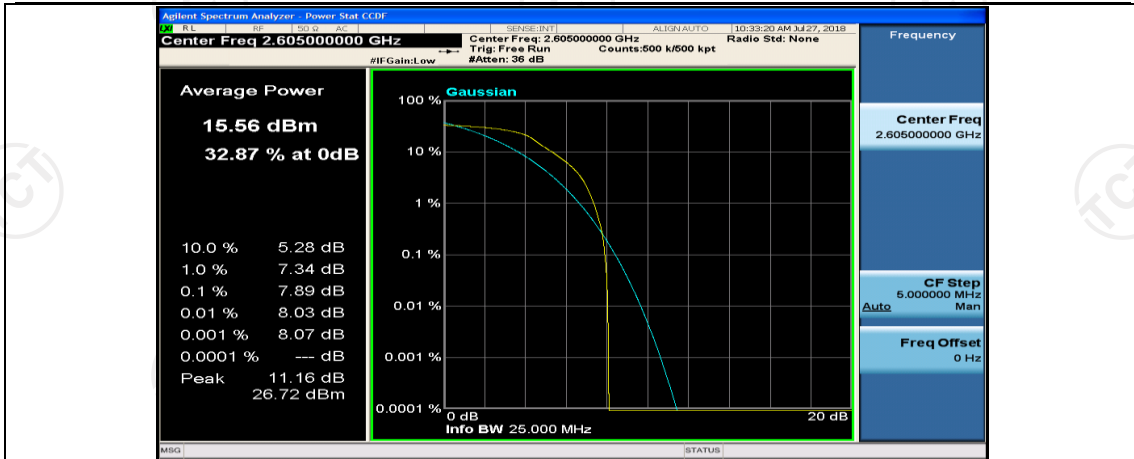
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#0



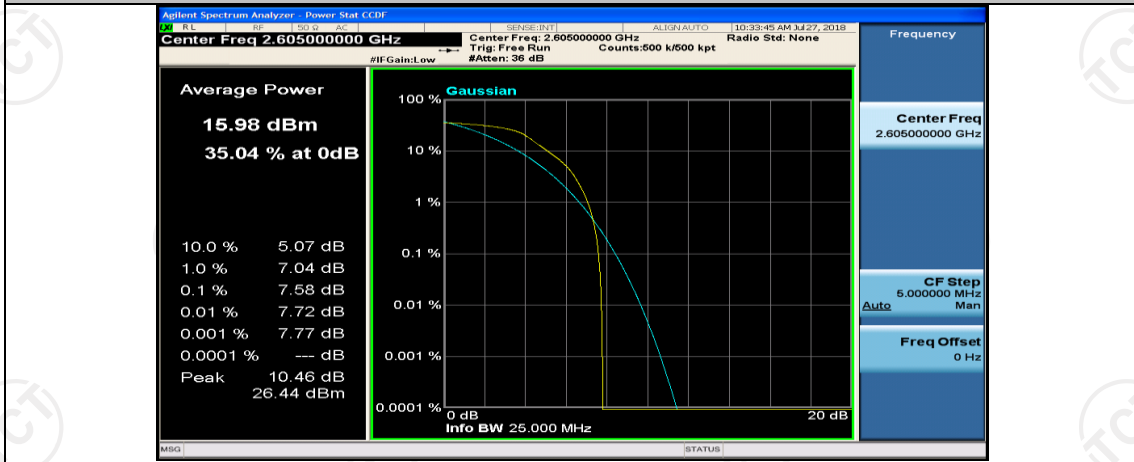
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#6



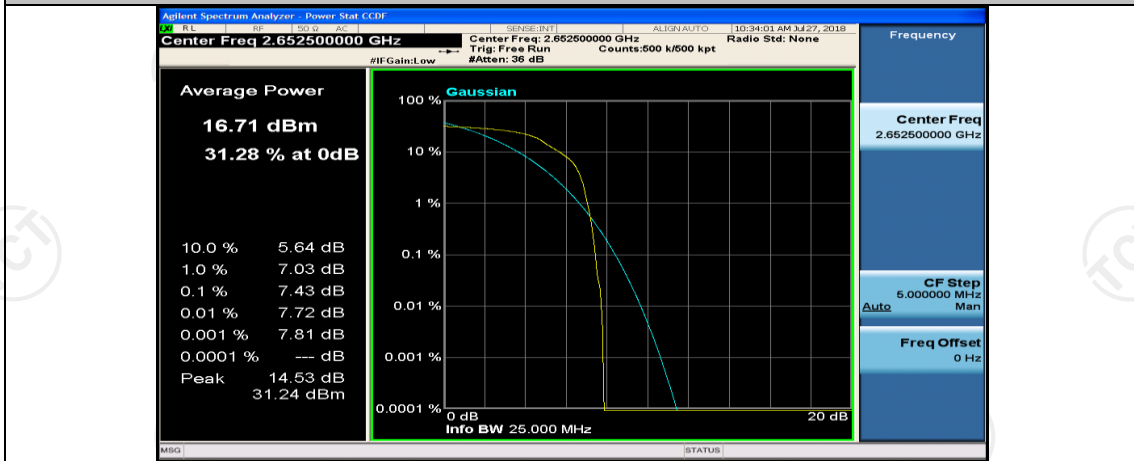
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#13



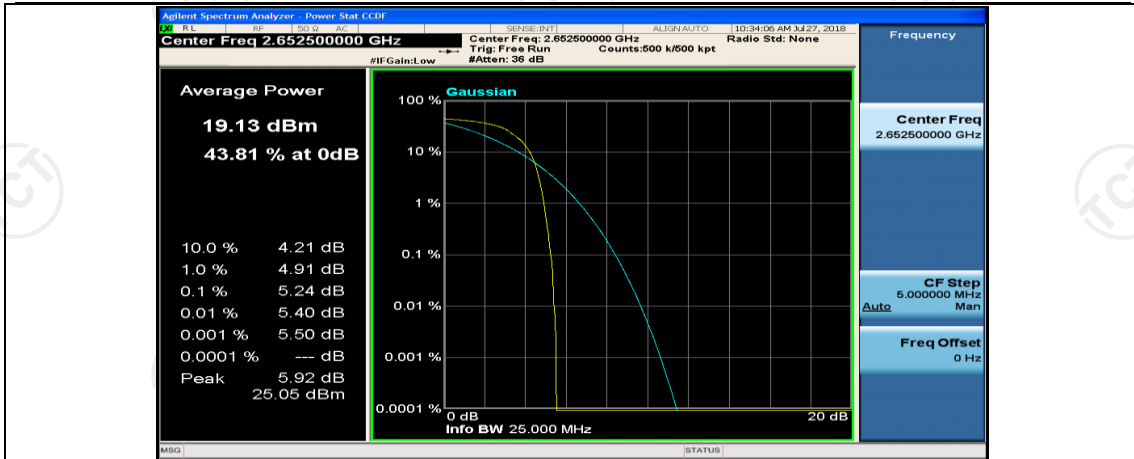
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_25RB#0



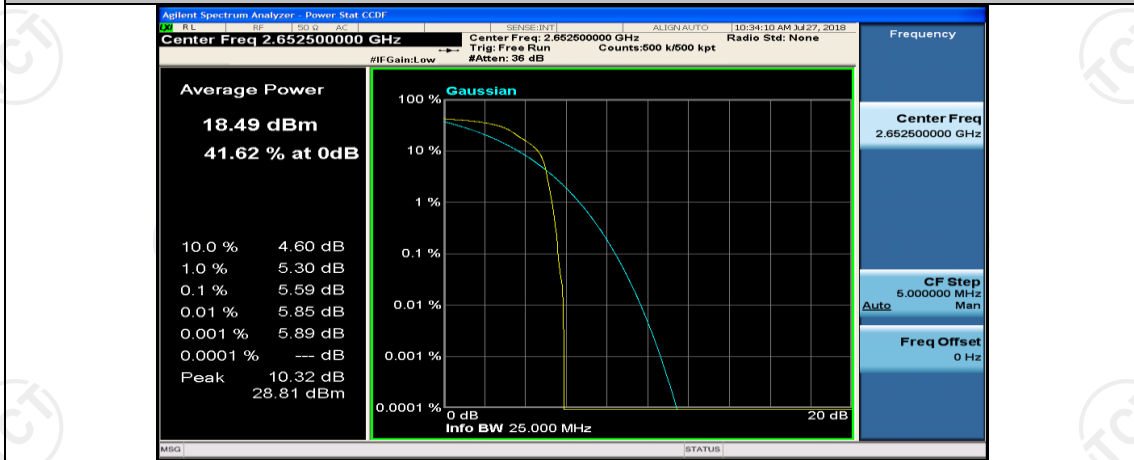
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0



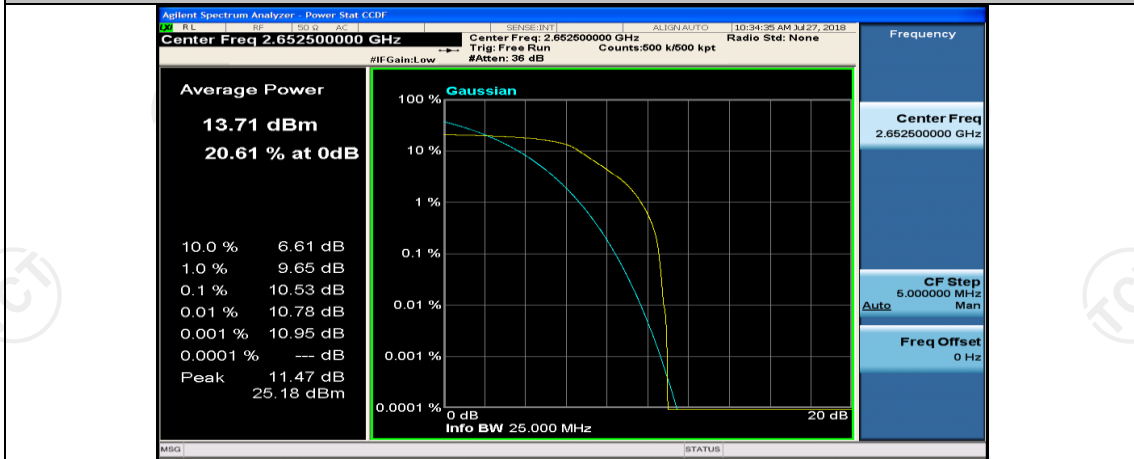
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12



(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#24

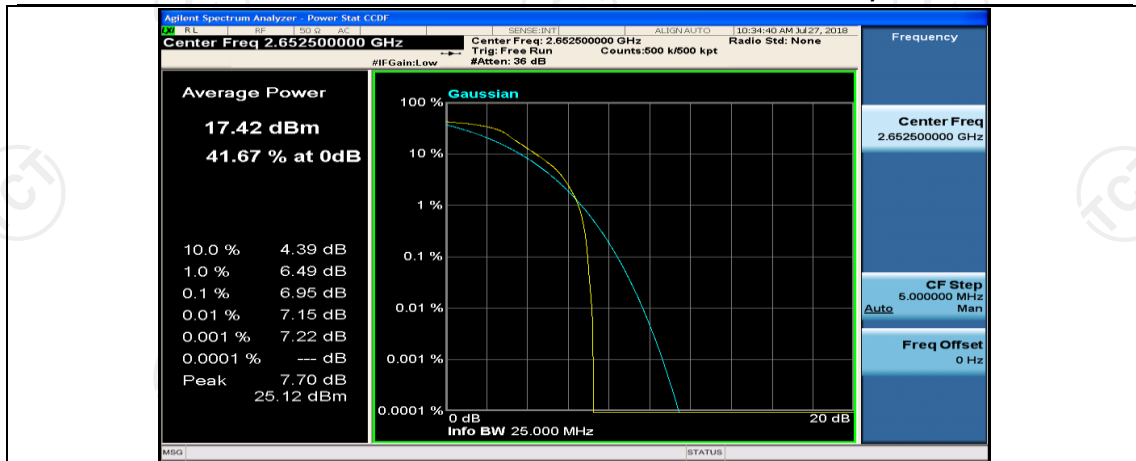


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#0

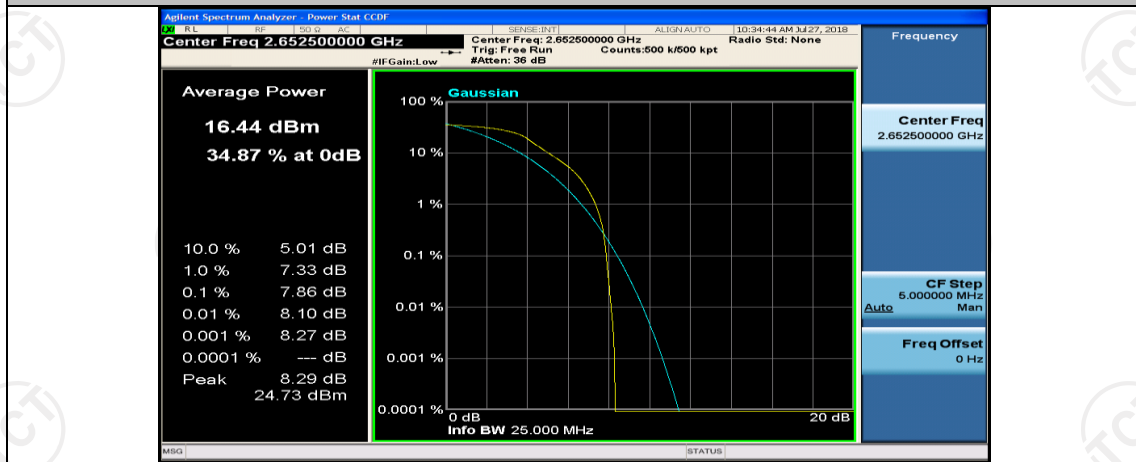


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#6

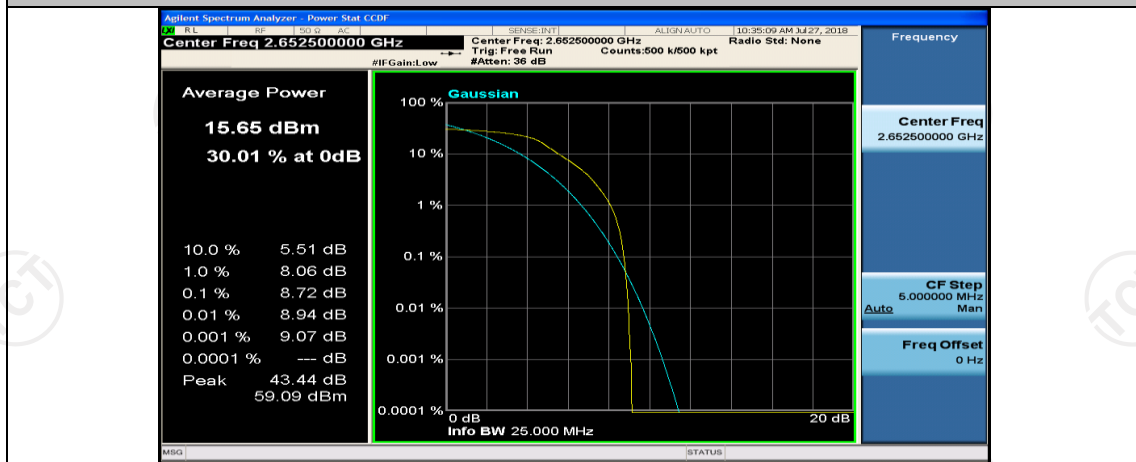




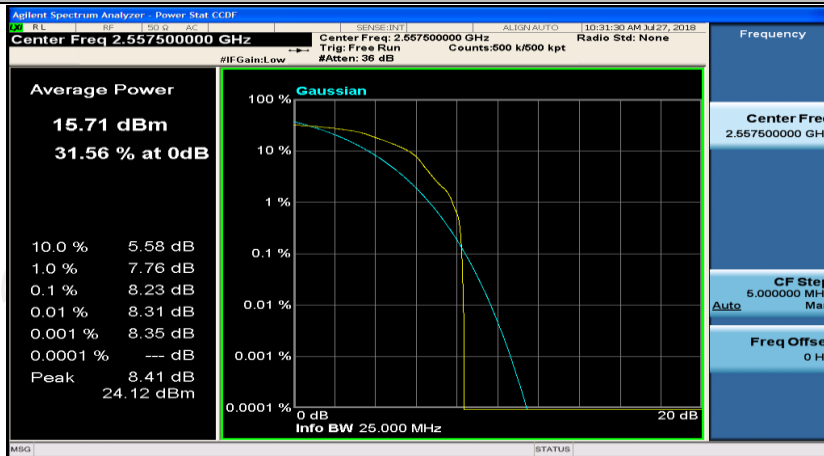
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#13



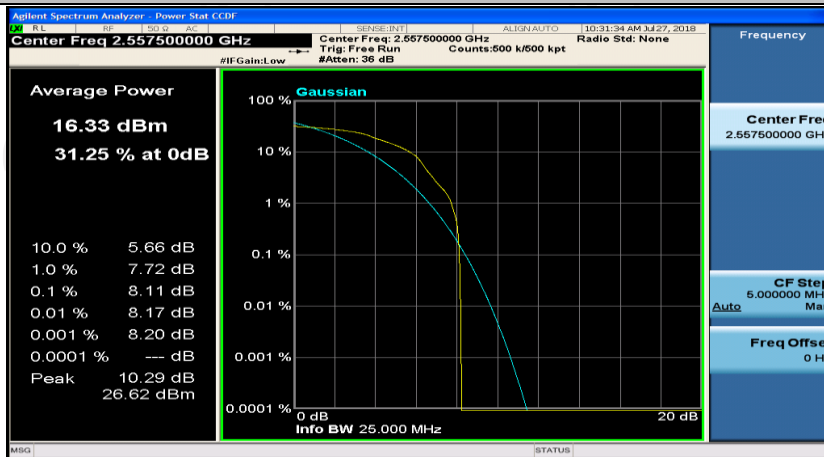
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_25RB#0



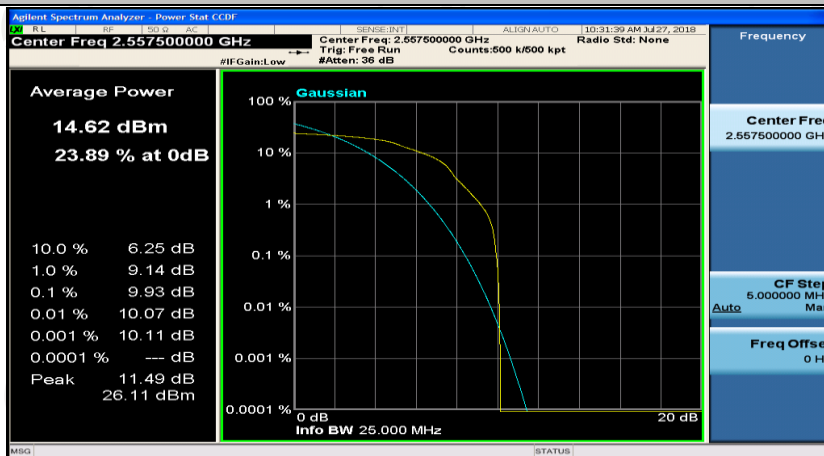
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0



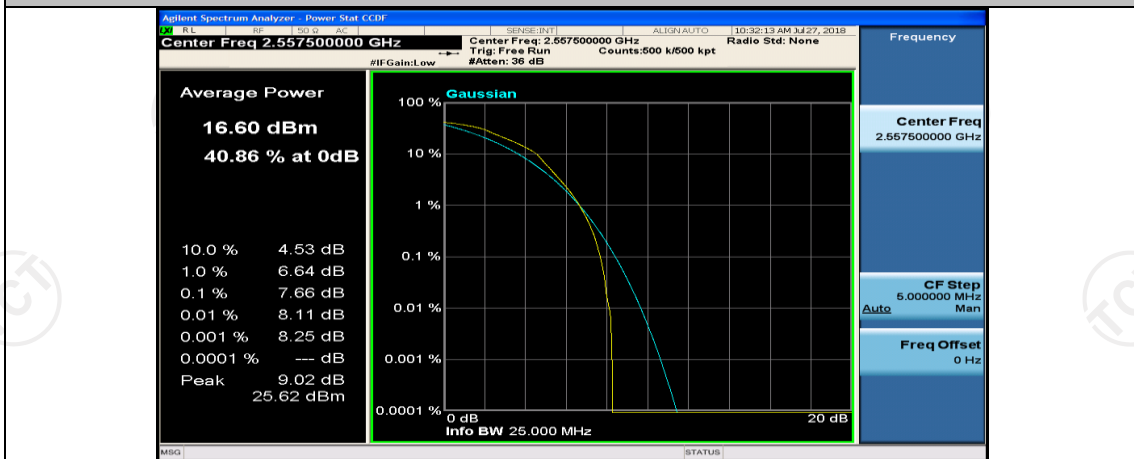
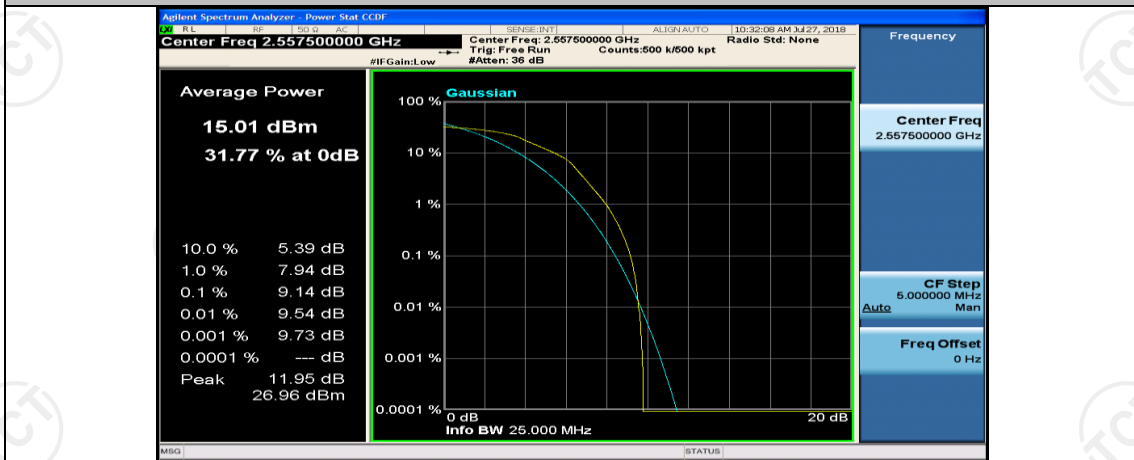
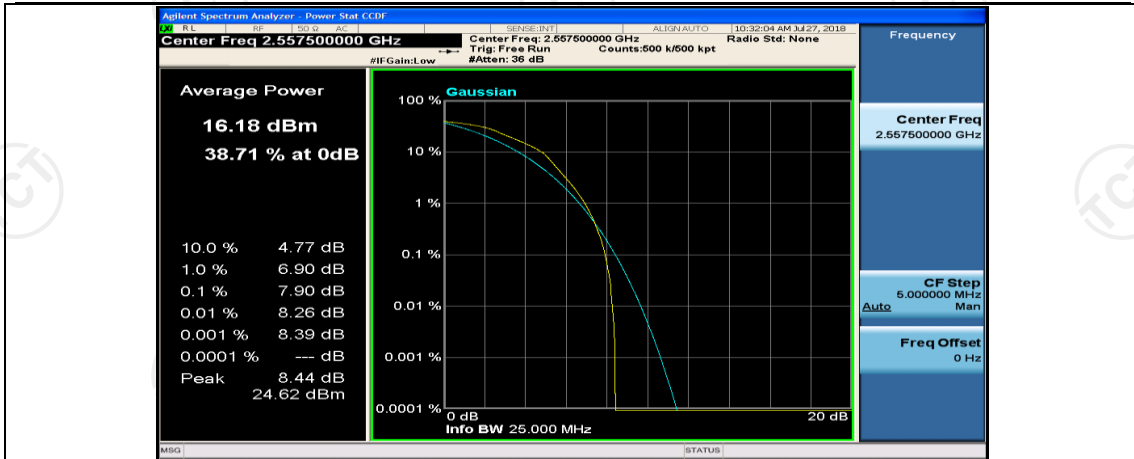
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#12

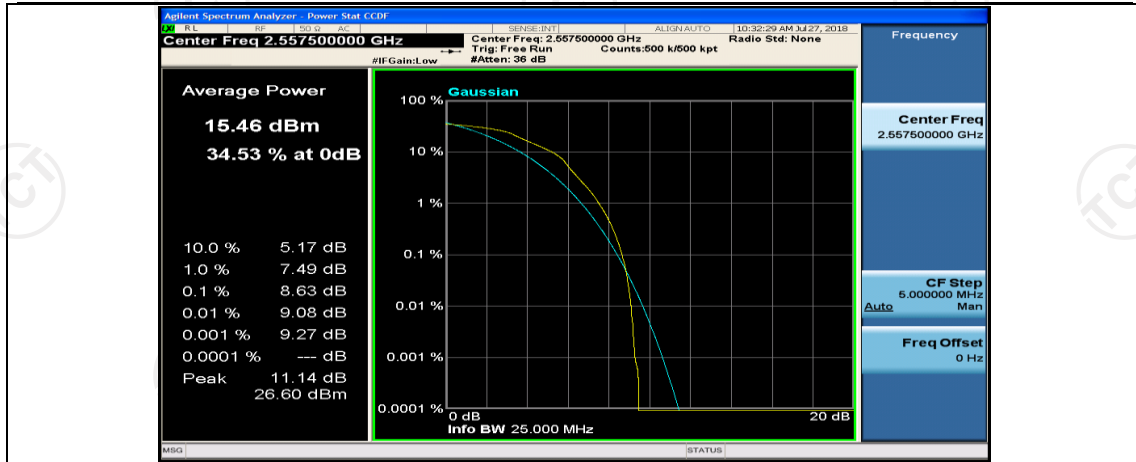


(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#24

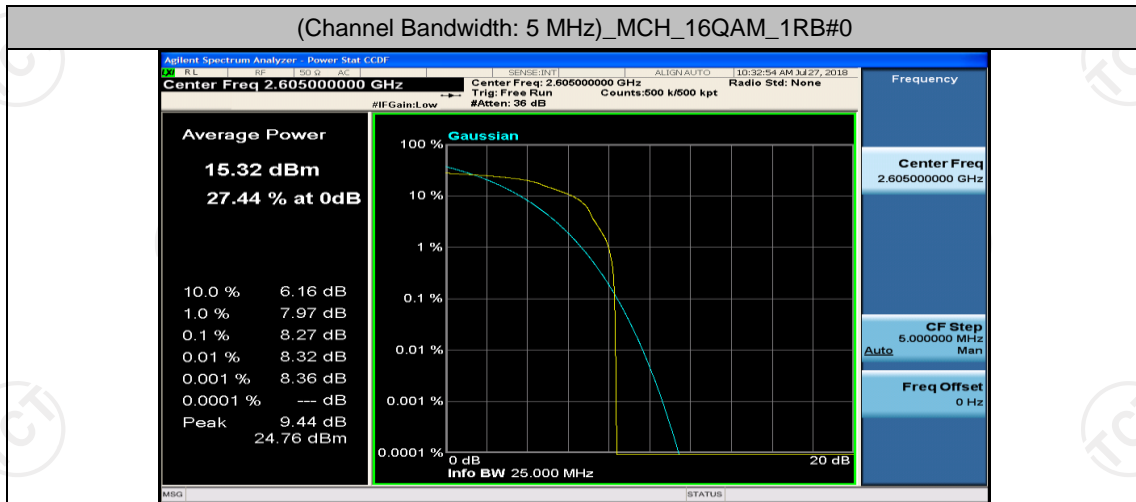


(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#0

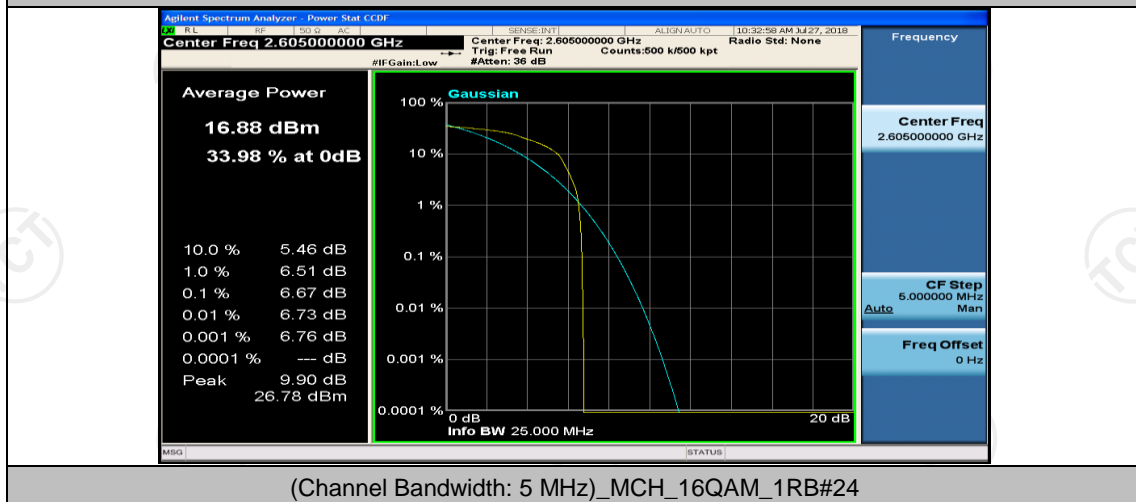




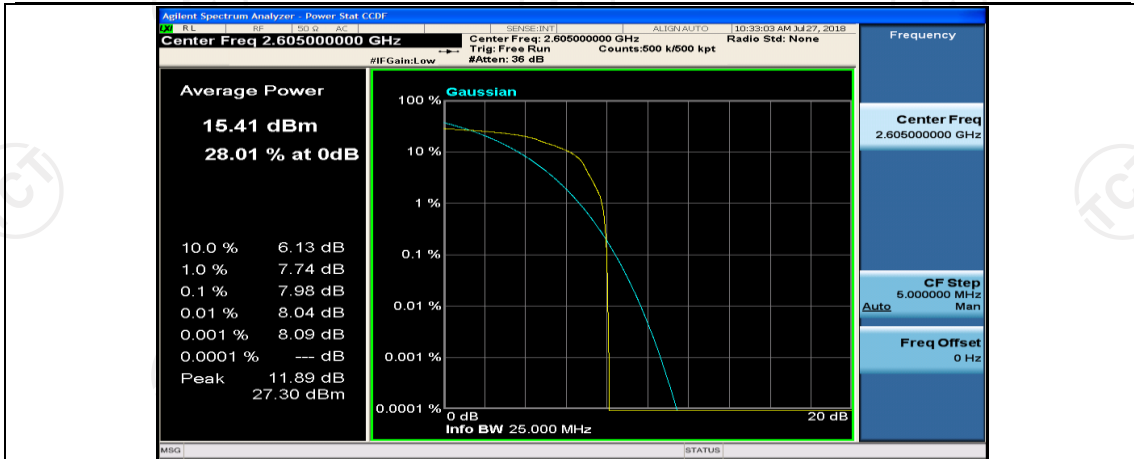
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#0



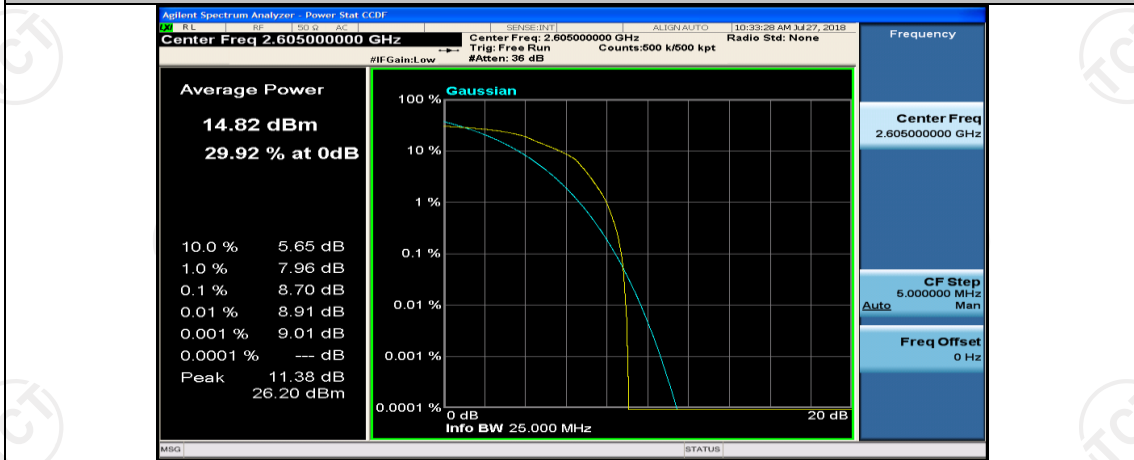
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#12



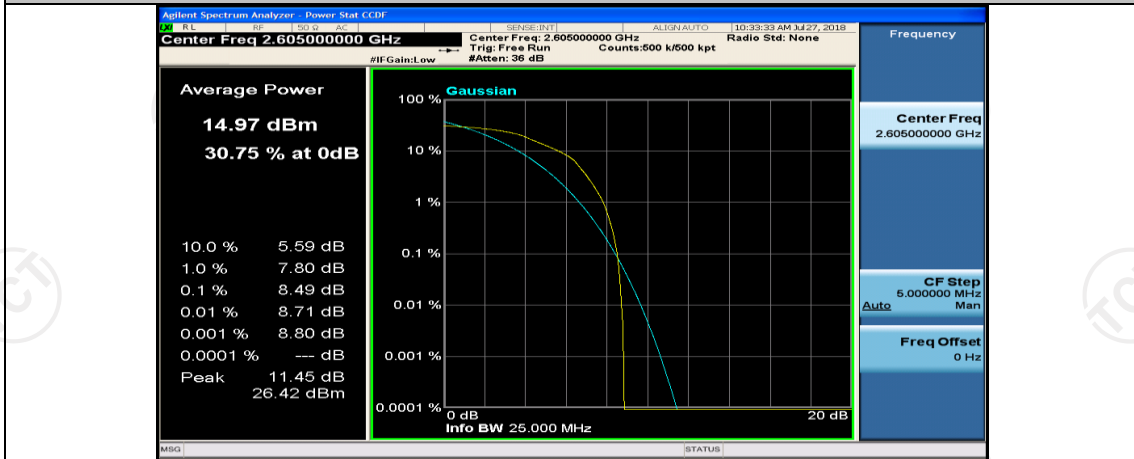
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#24



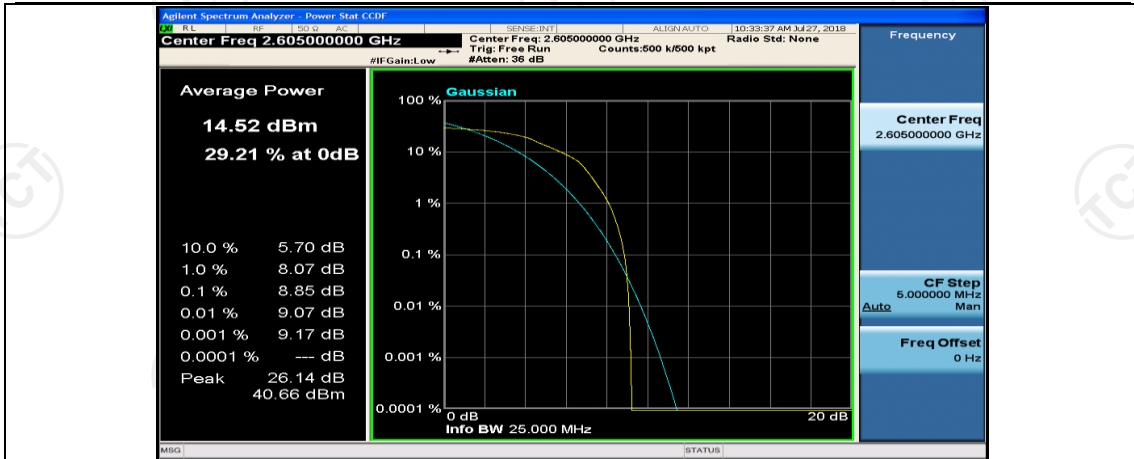
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#0



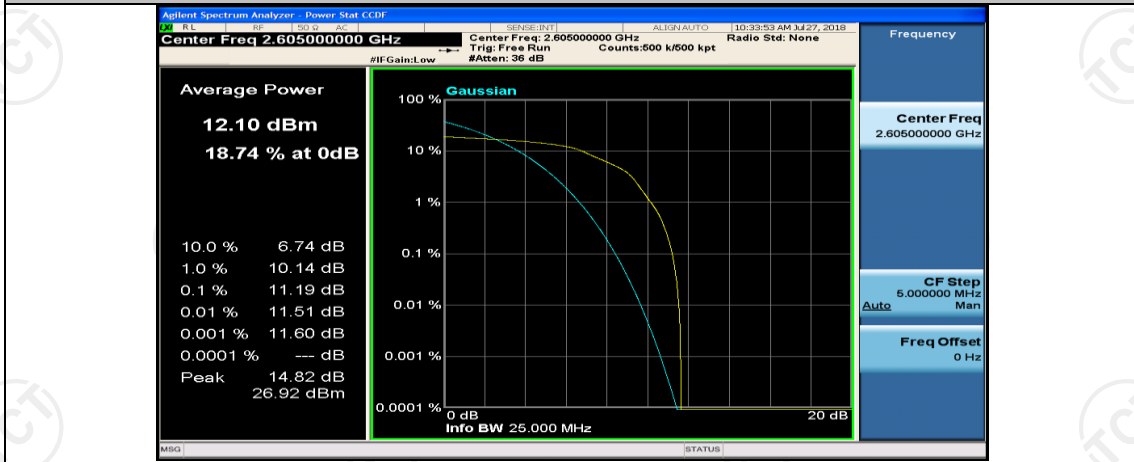
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#6



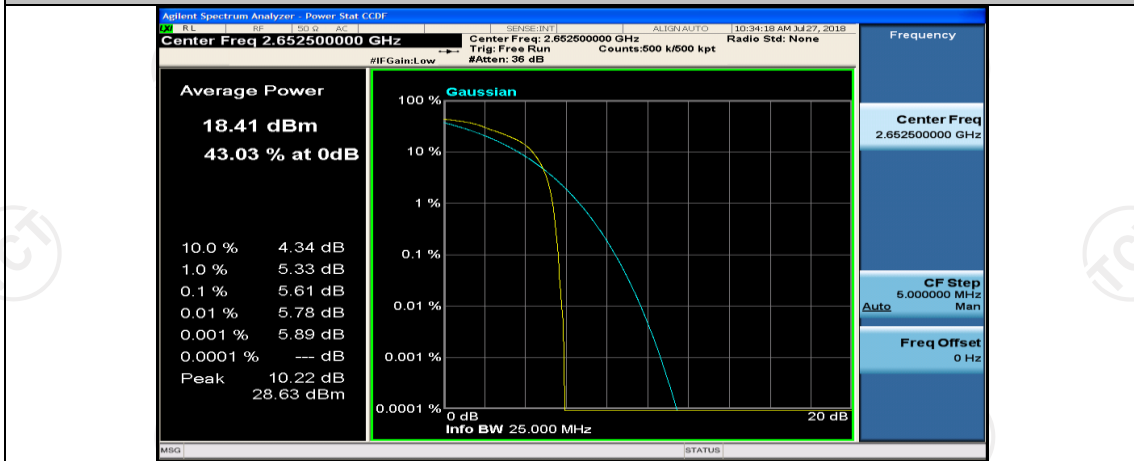
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#13



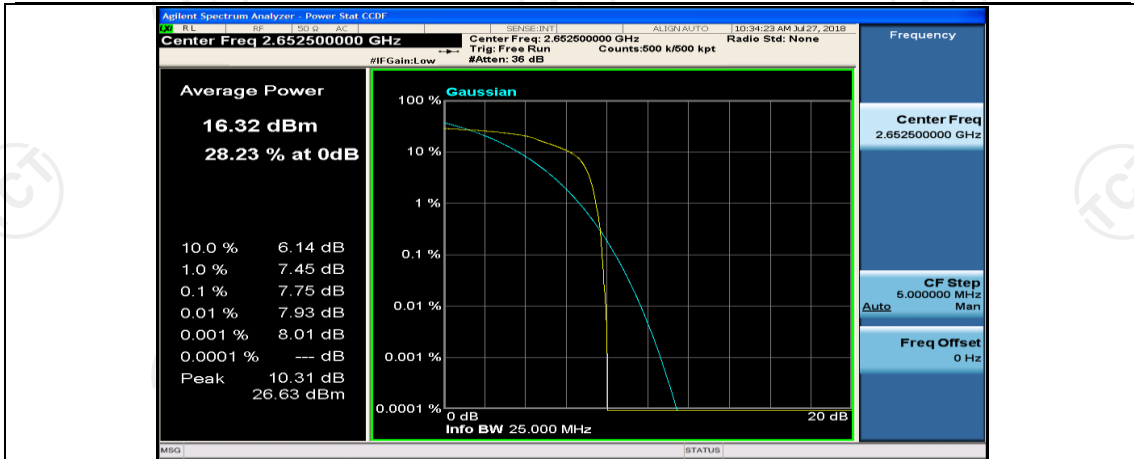
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_25RB#0



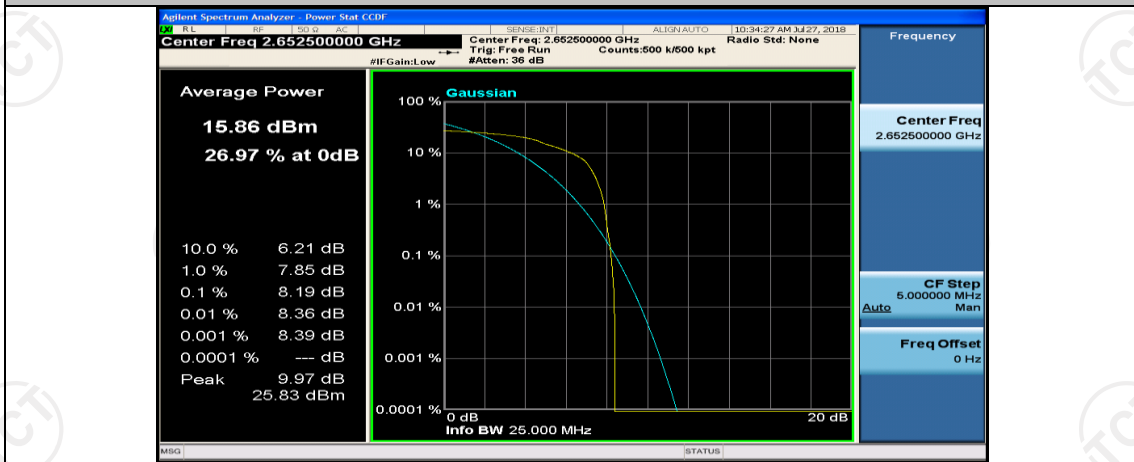
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#0



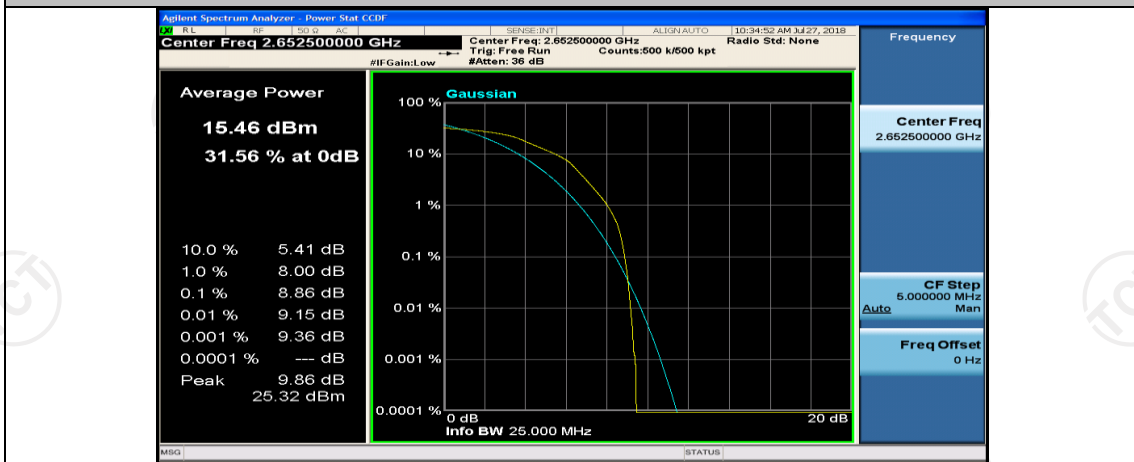
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#12



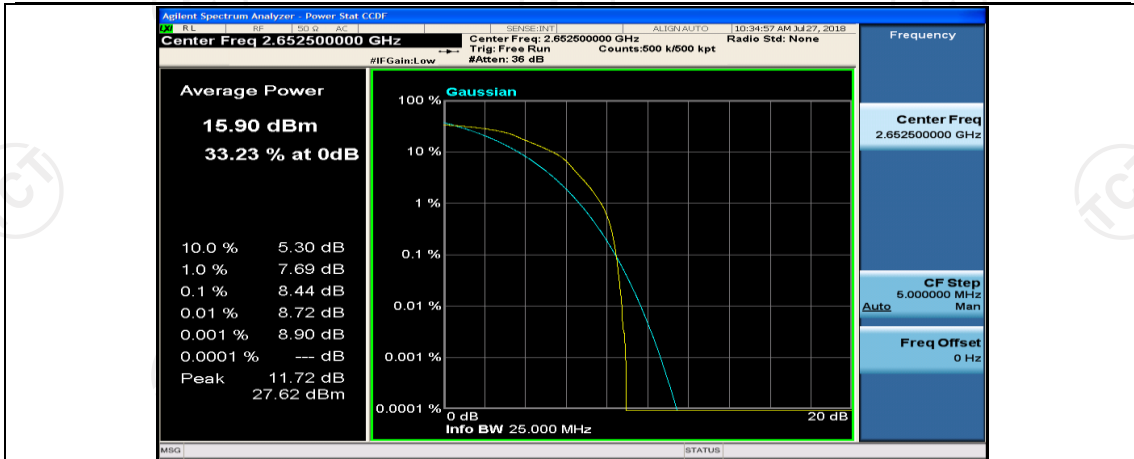
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#24



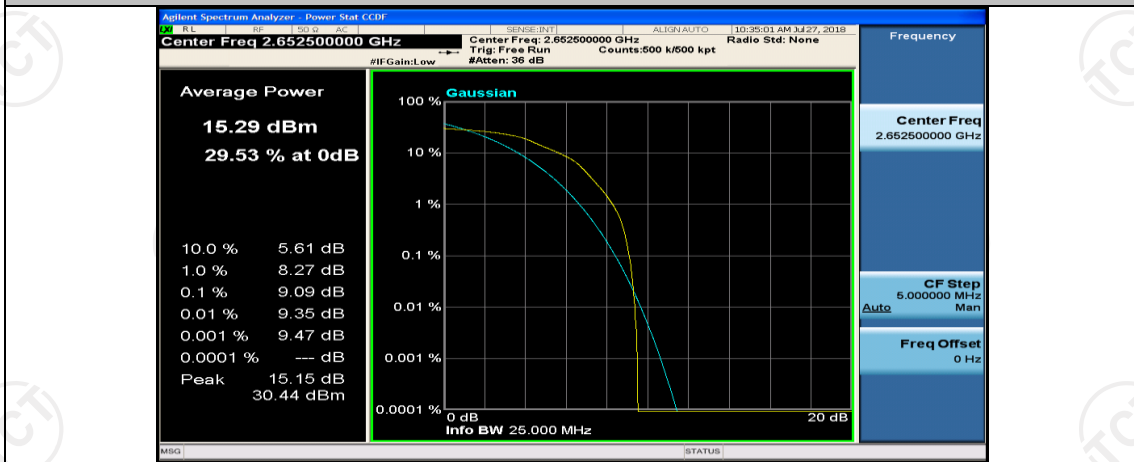
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#0



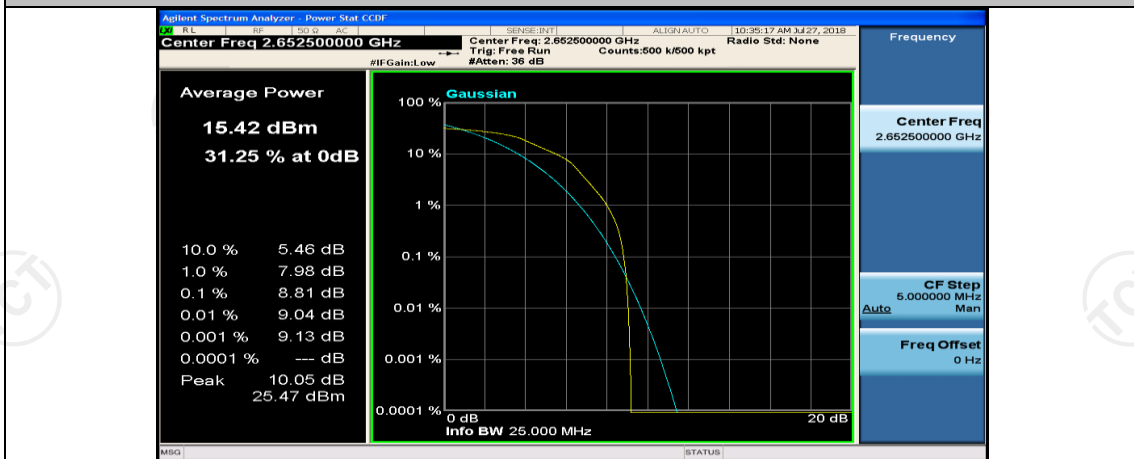
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#6



(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#13

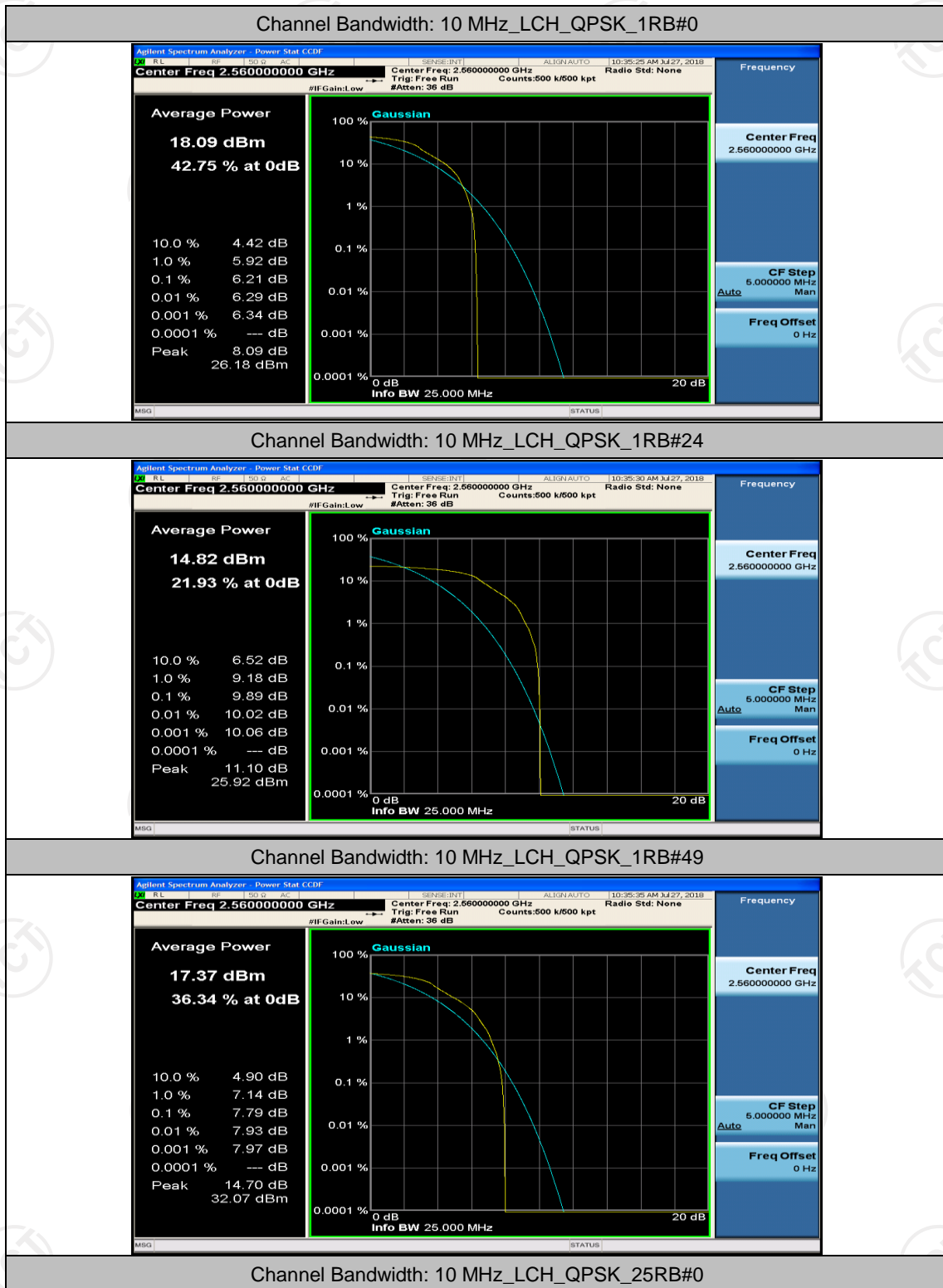


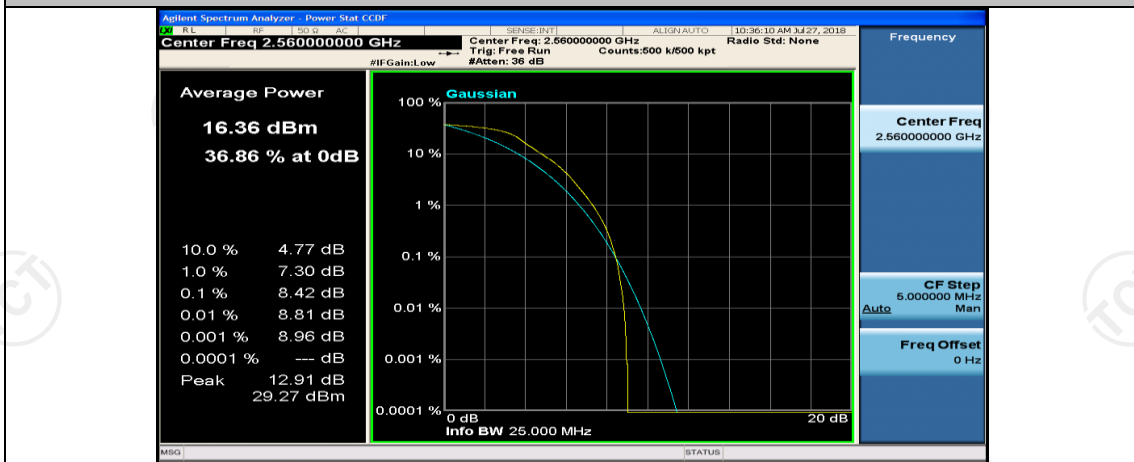
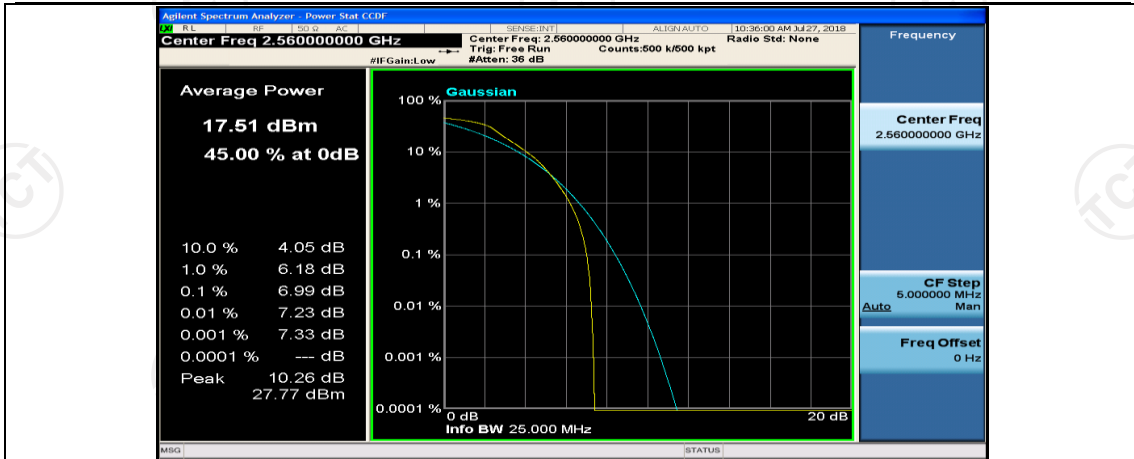
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0

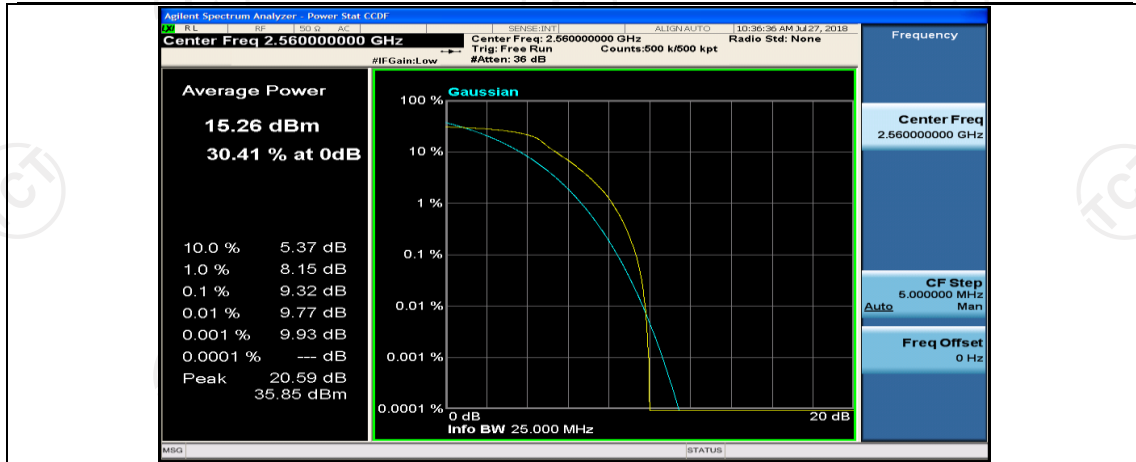




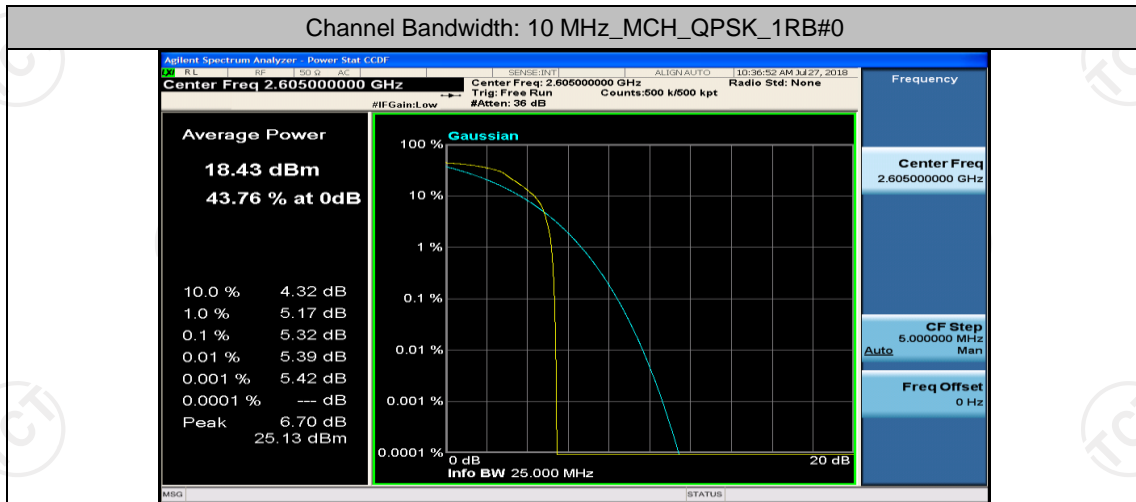
## Channel Bandwidth: 10 MHz



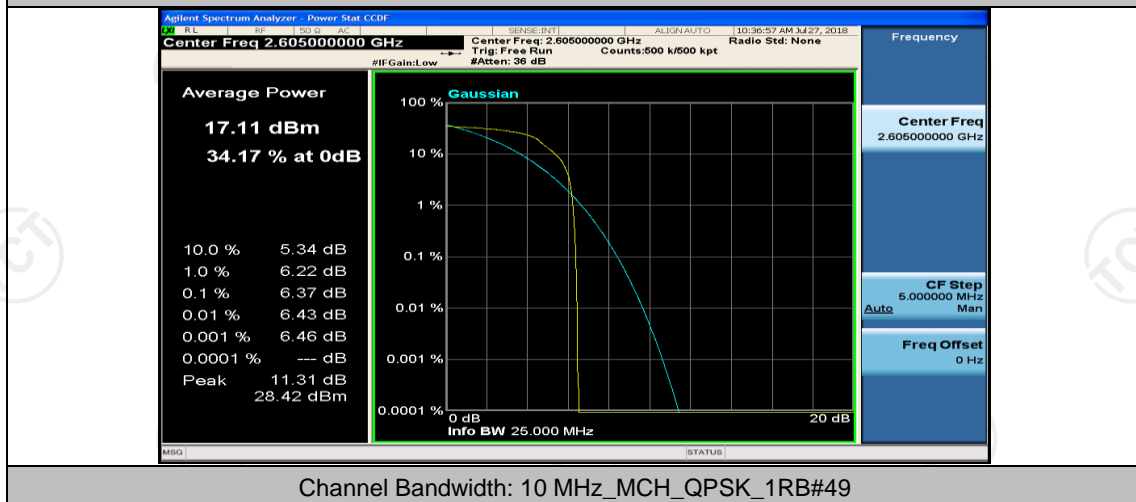




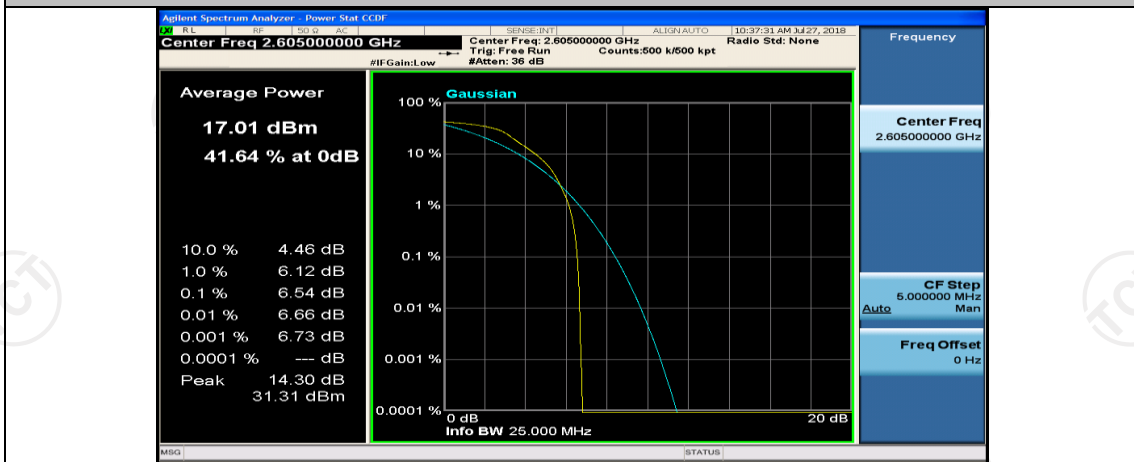
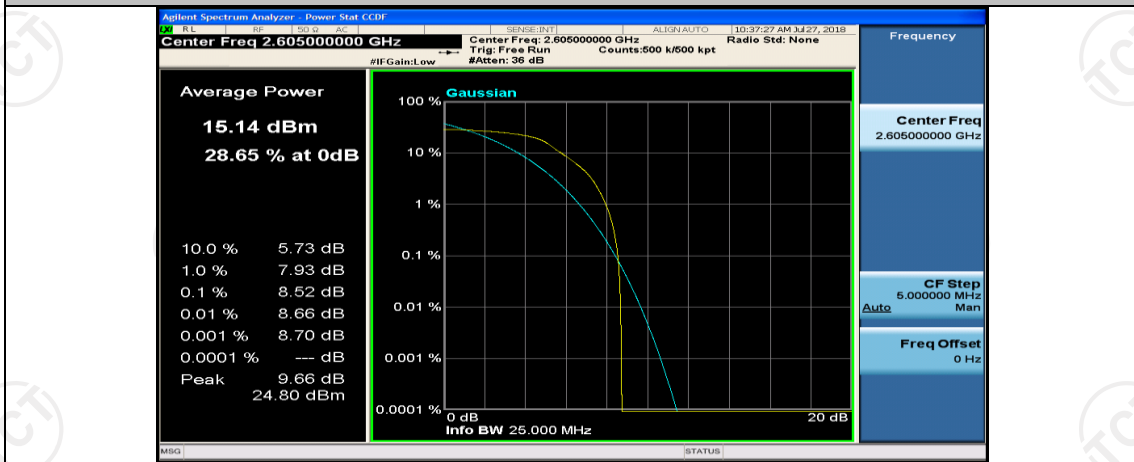
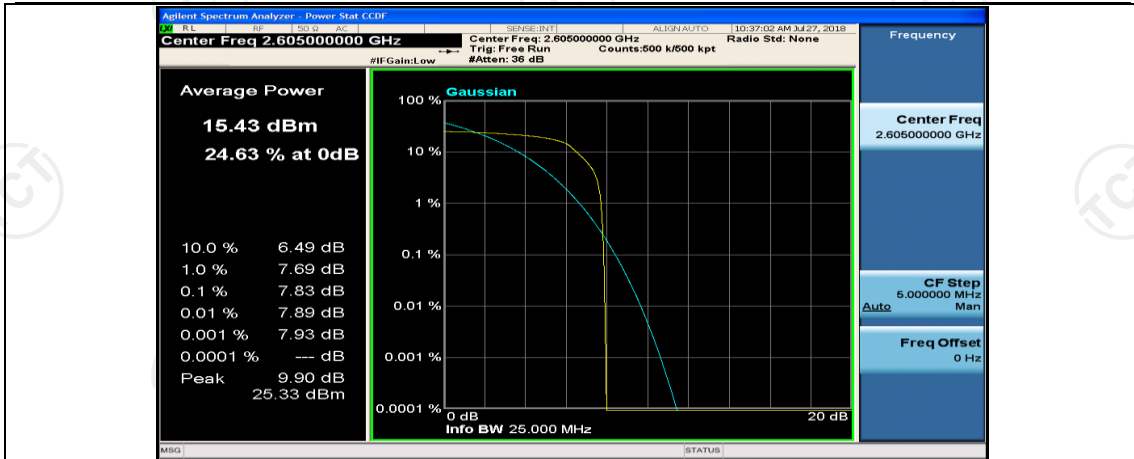
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#0

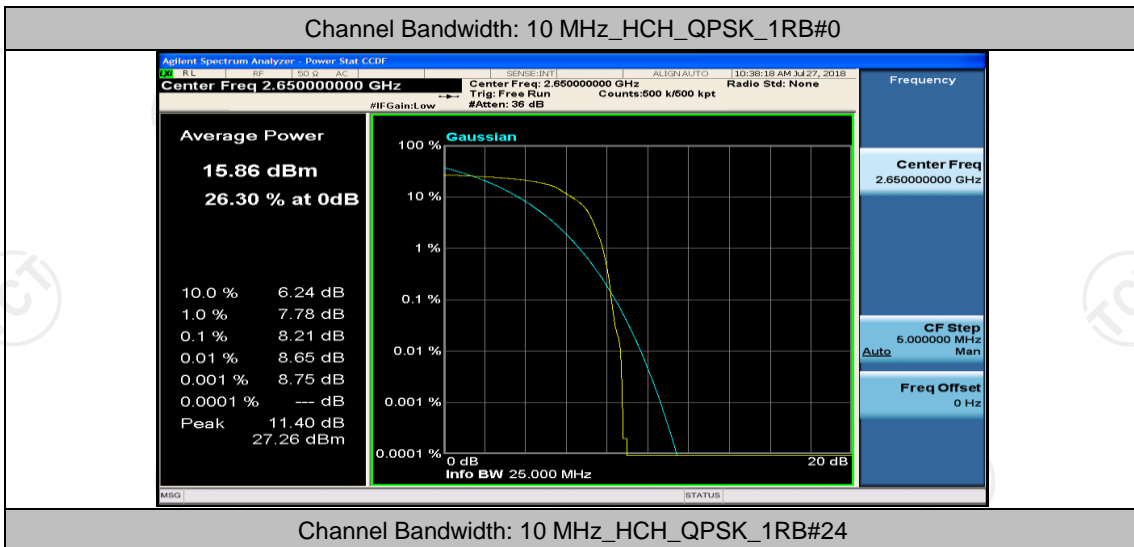
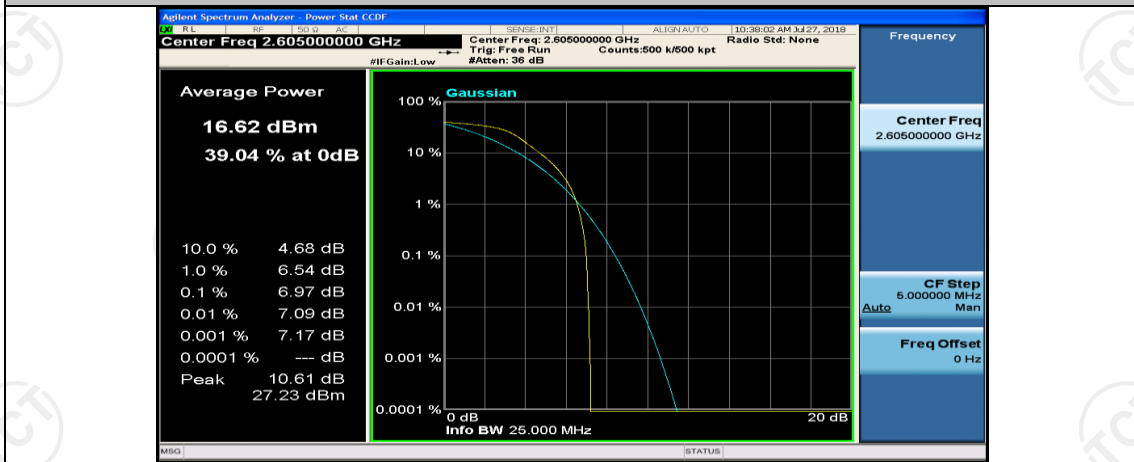
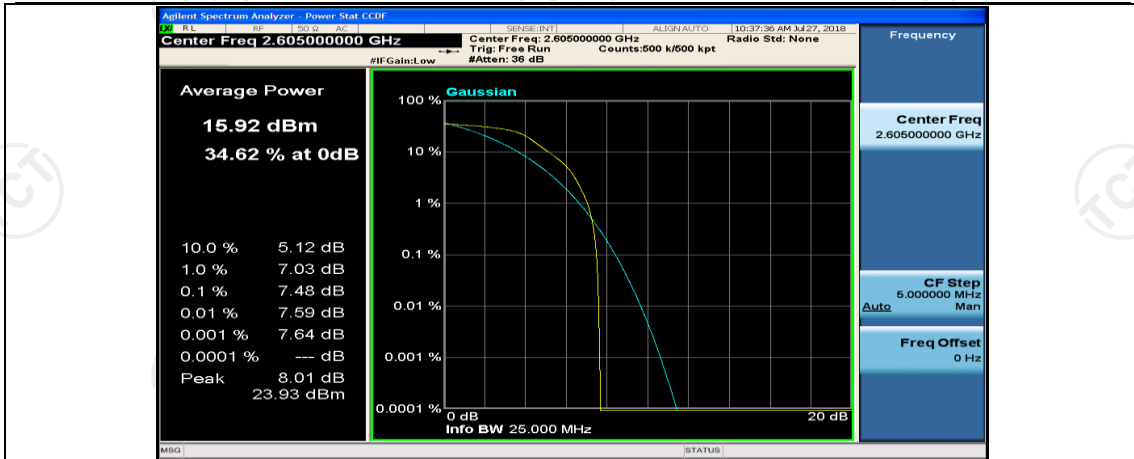


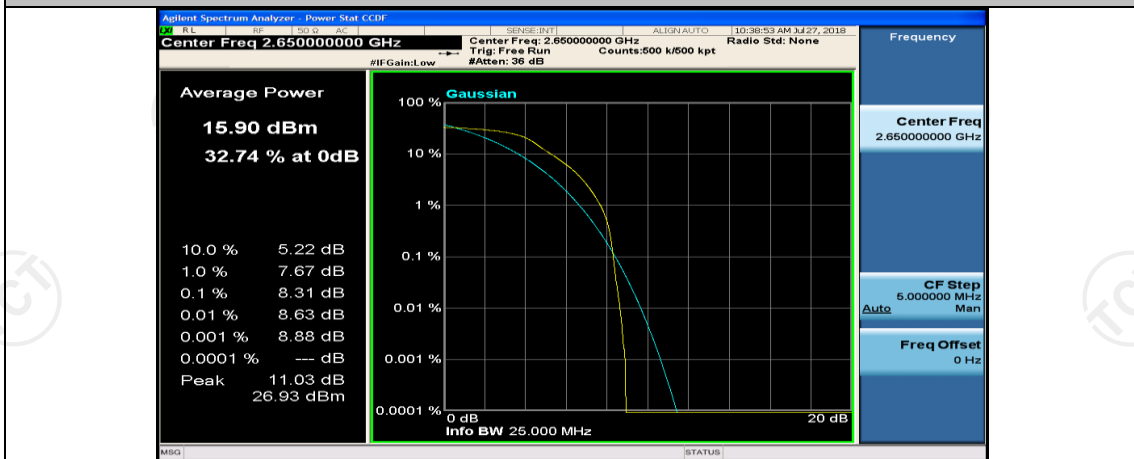
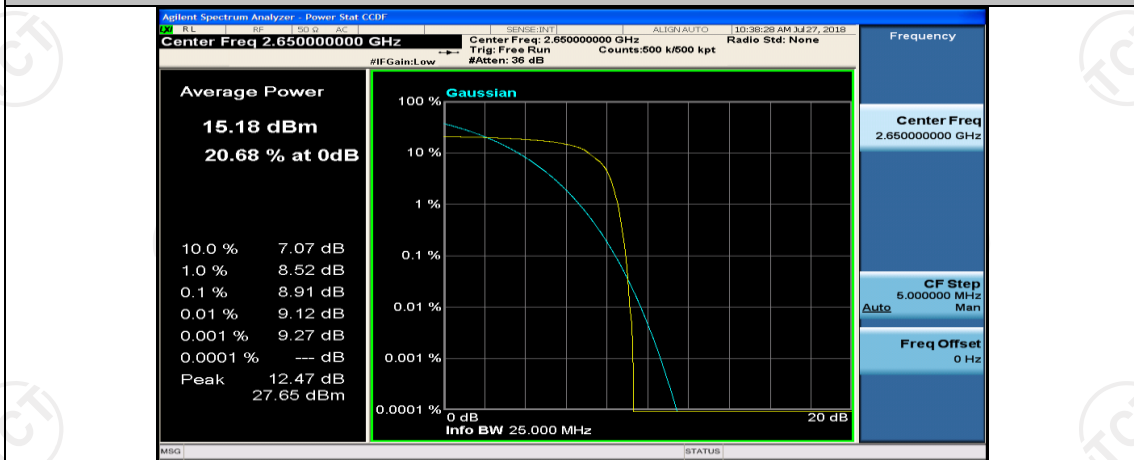
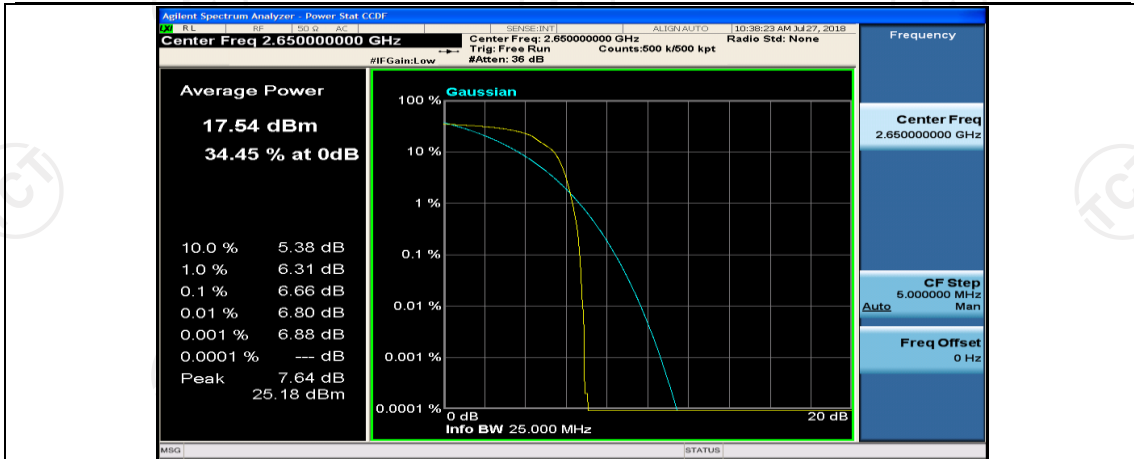
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#24

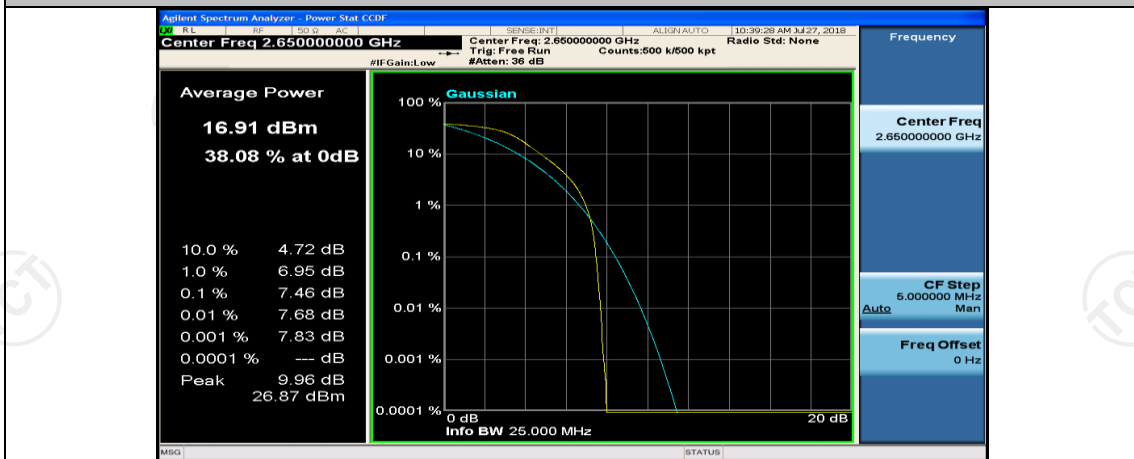
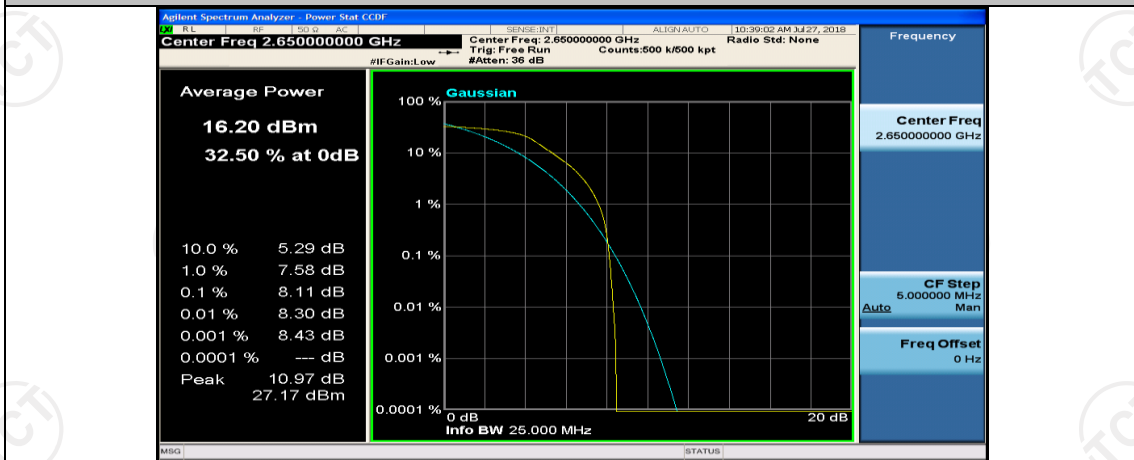
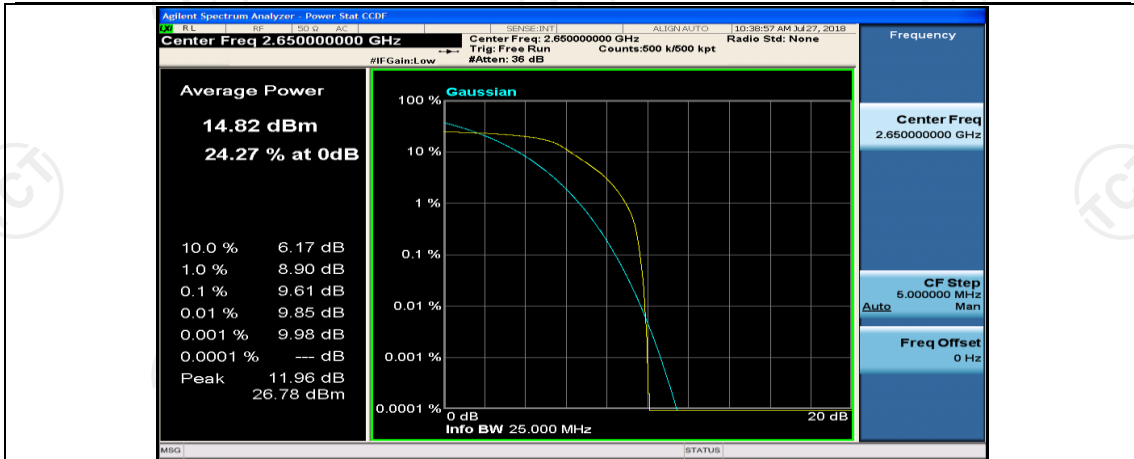


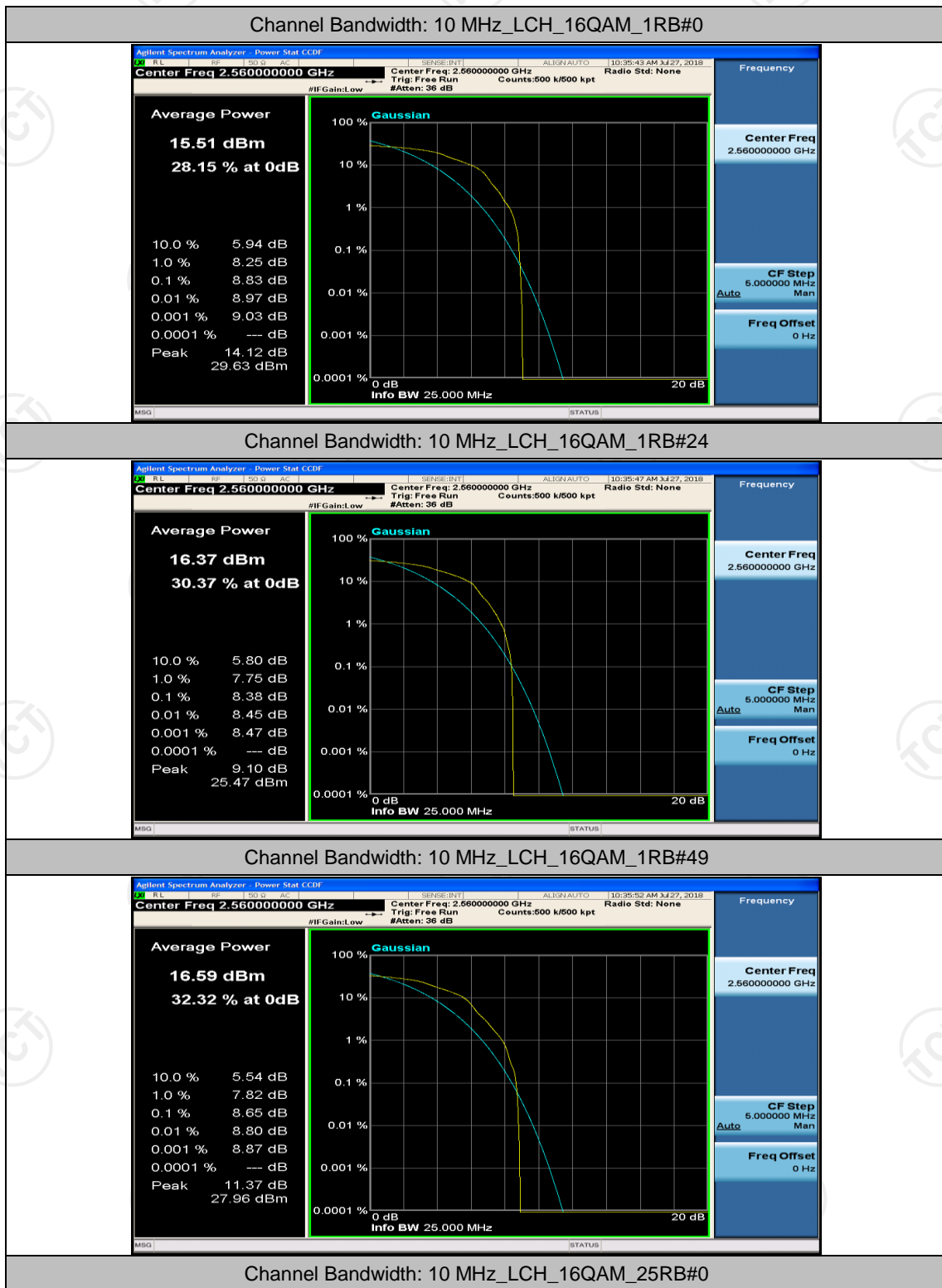
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#49



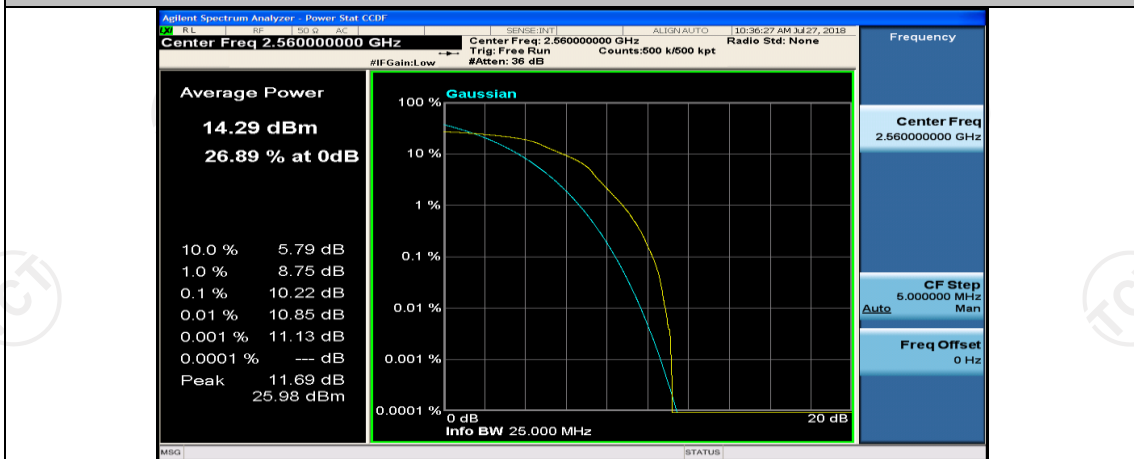
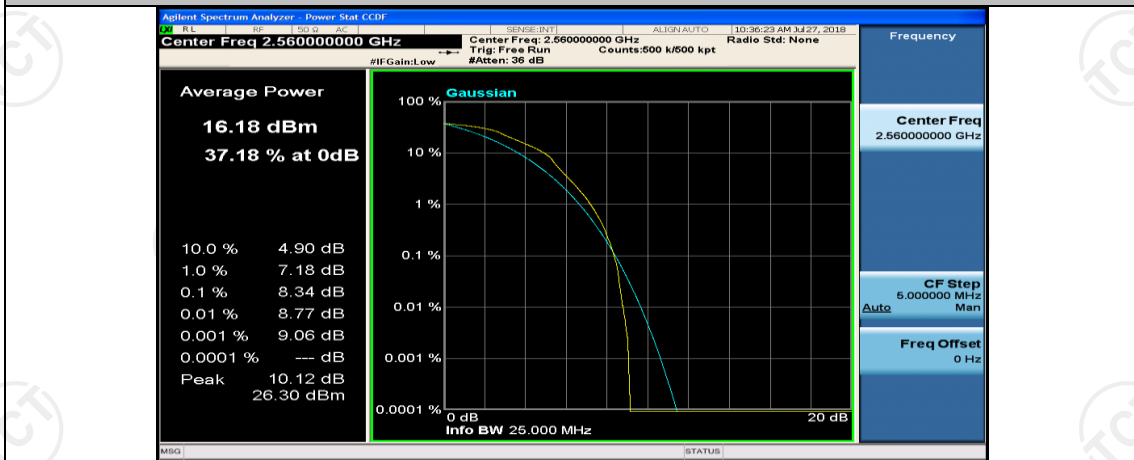
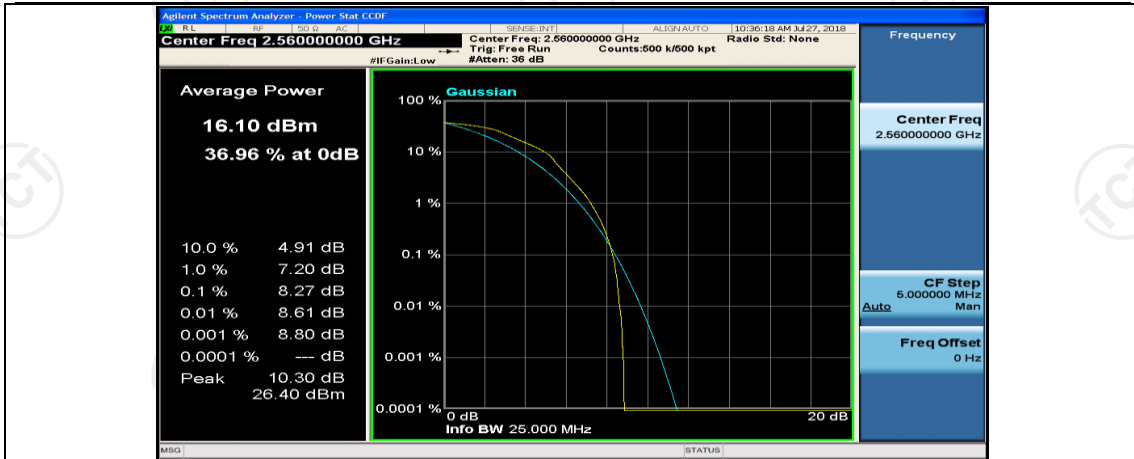


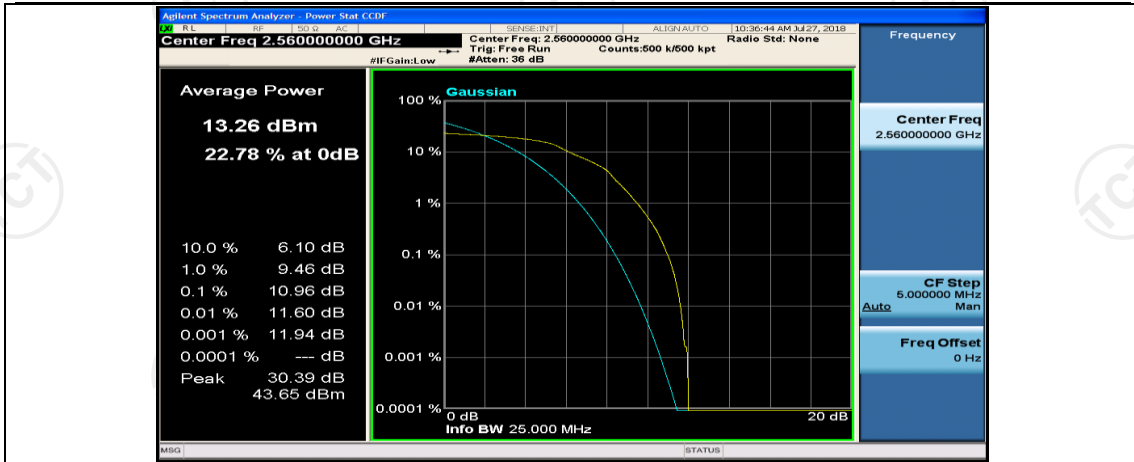




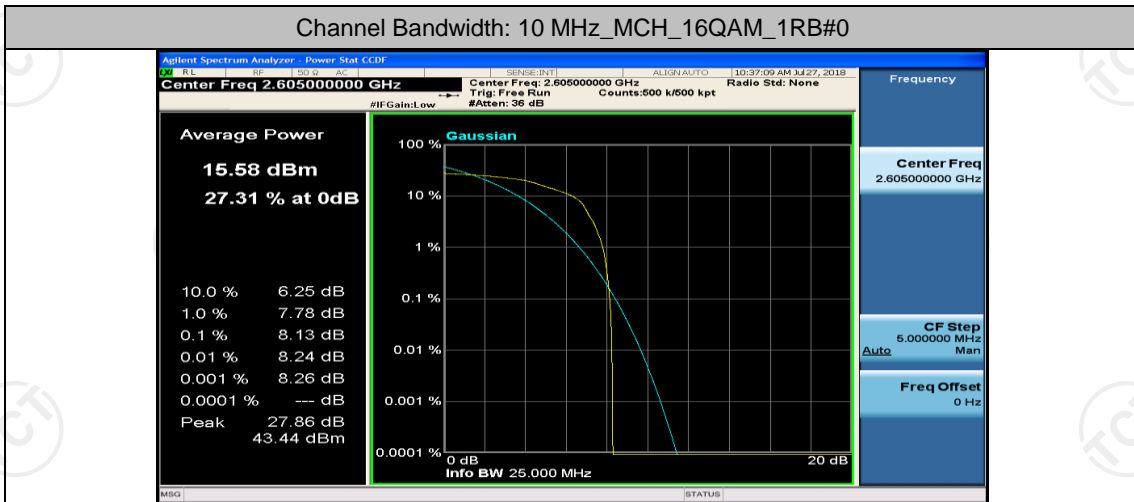




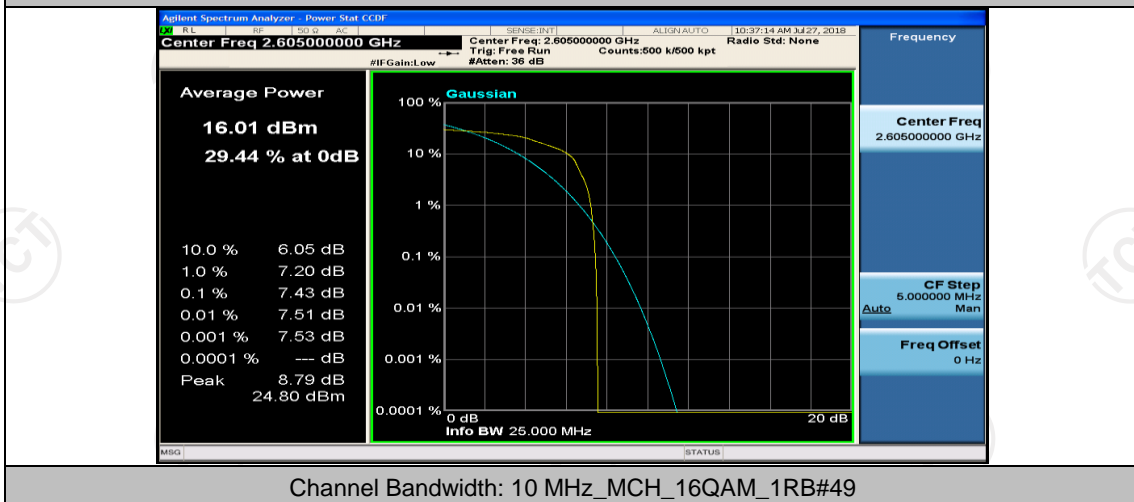




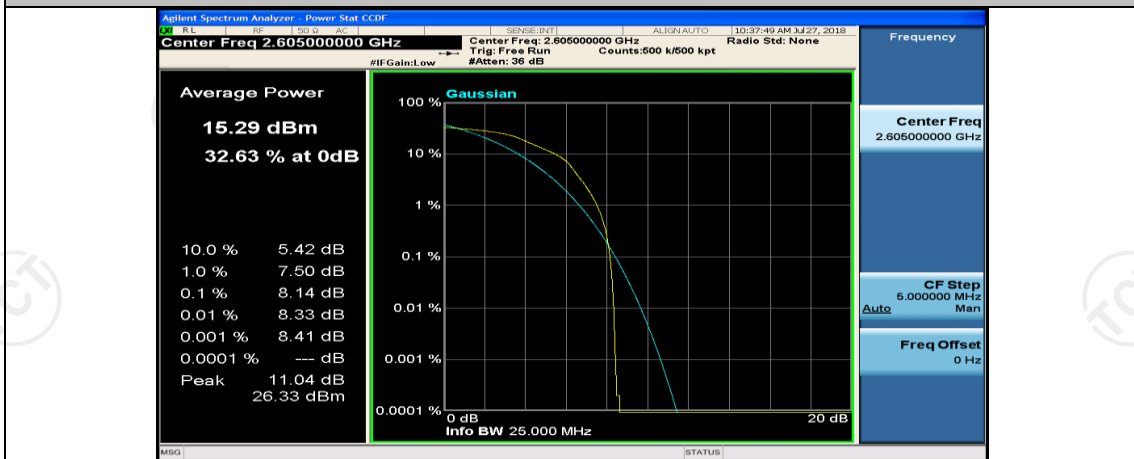
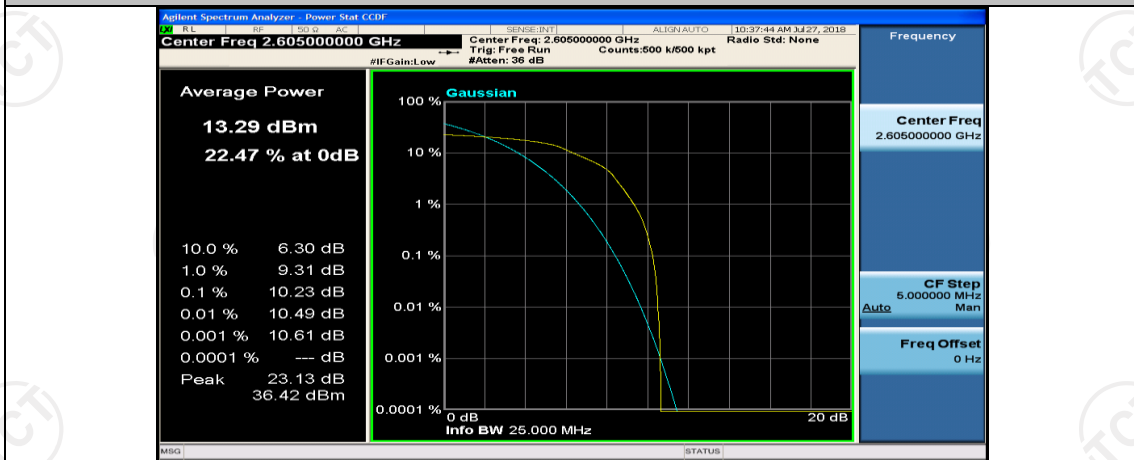
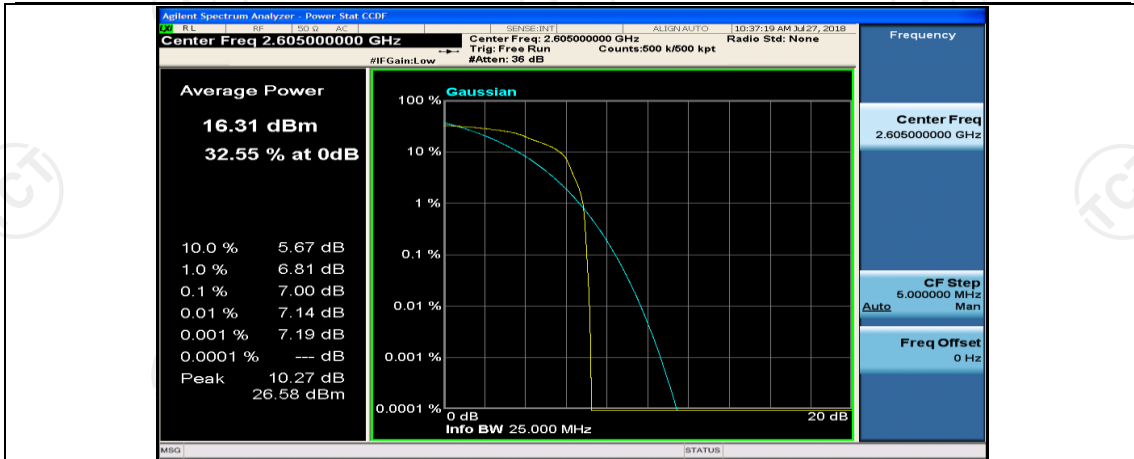
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0

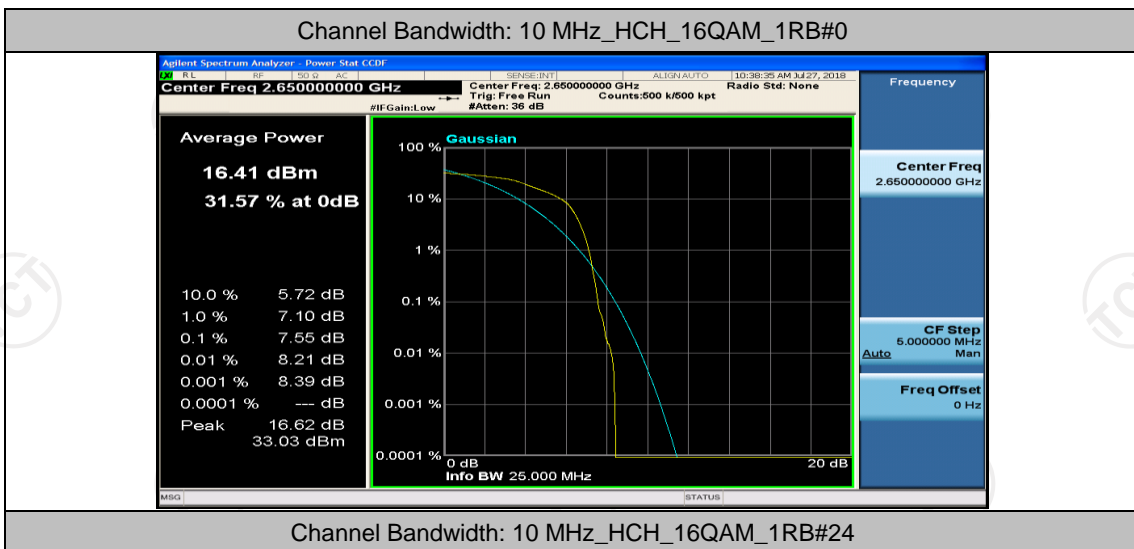
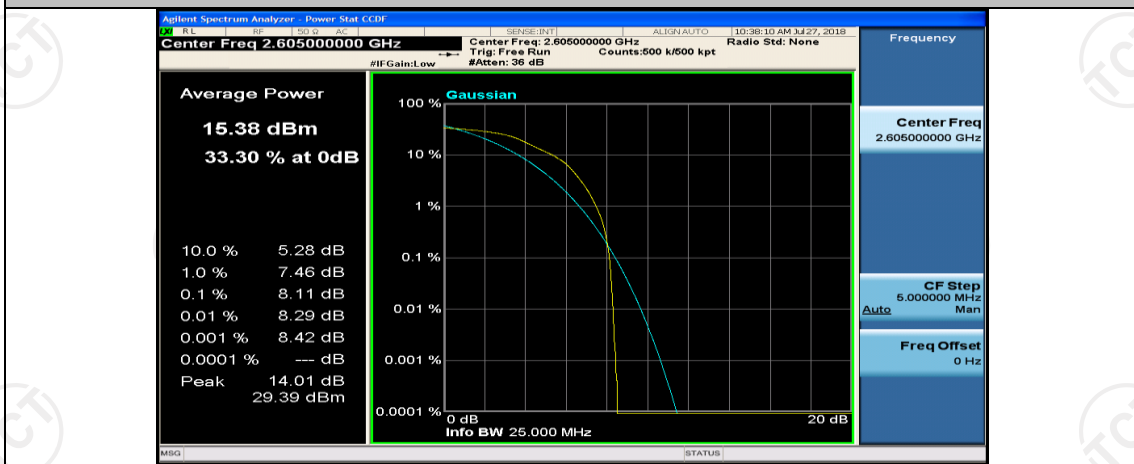
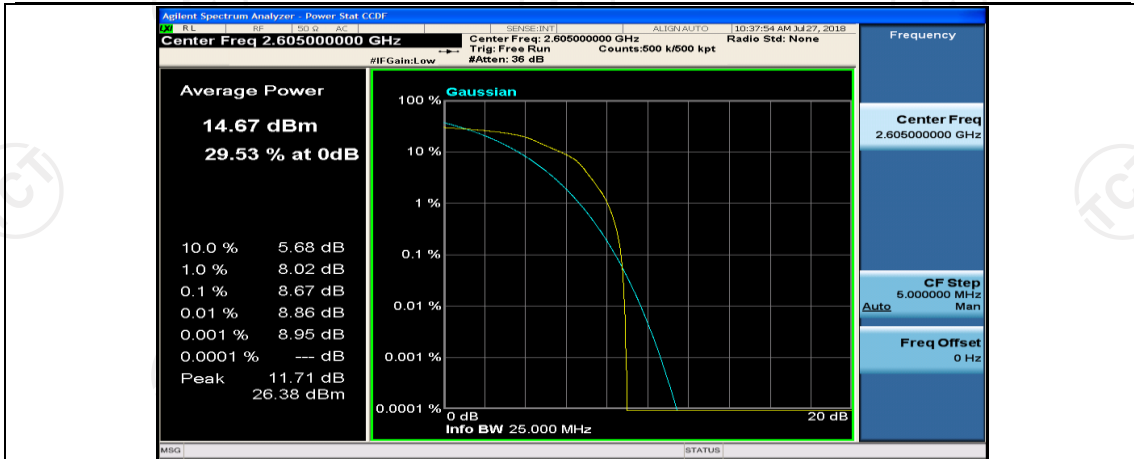


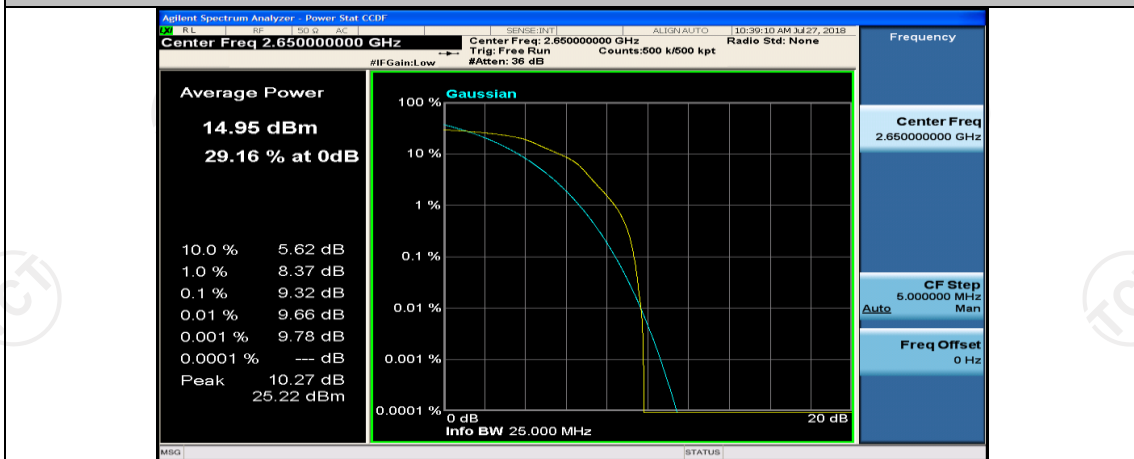
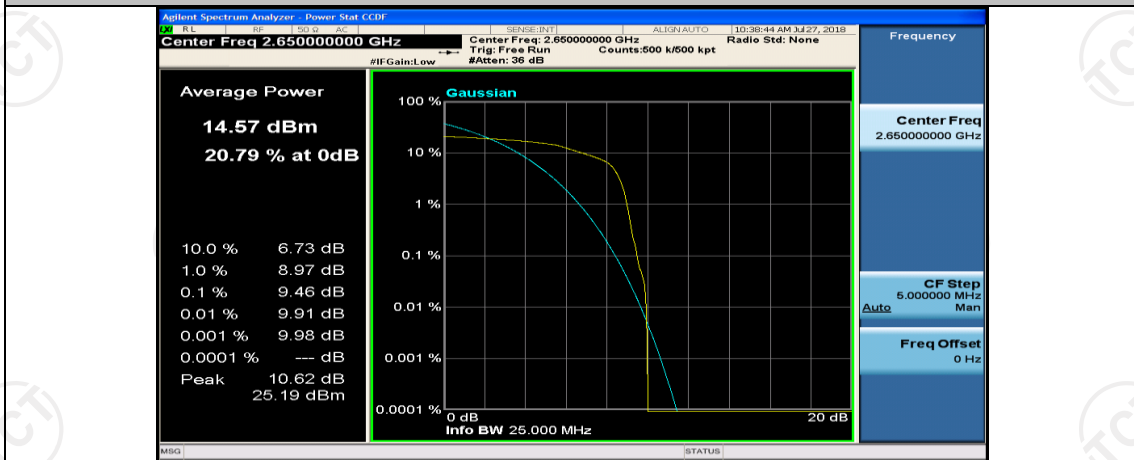
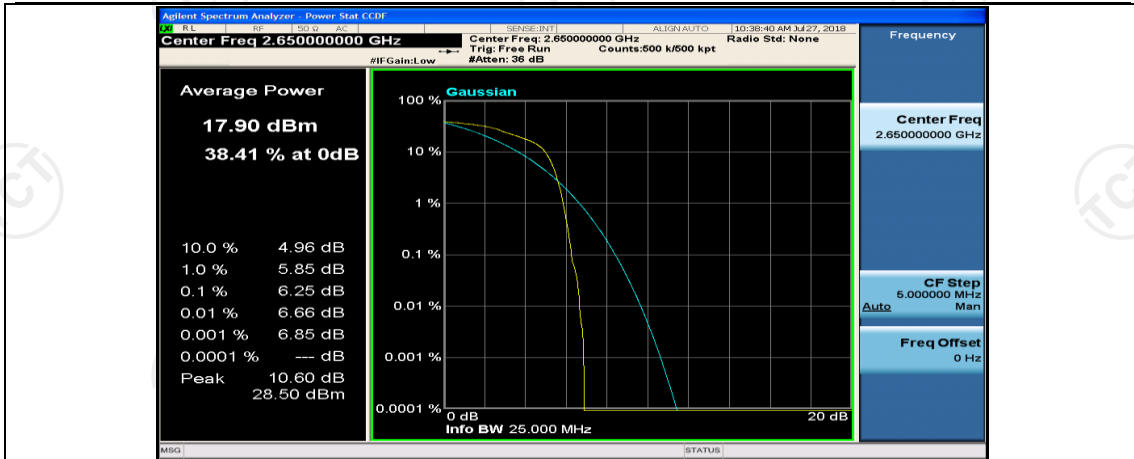
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#24

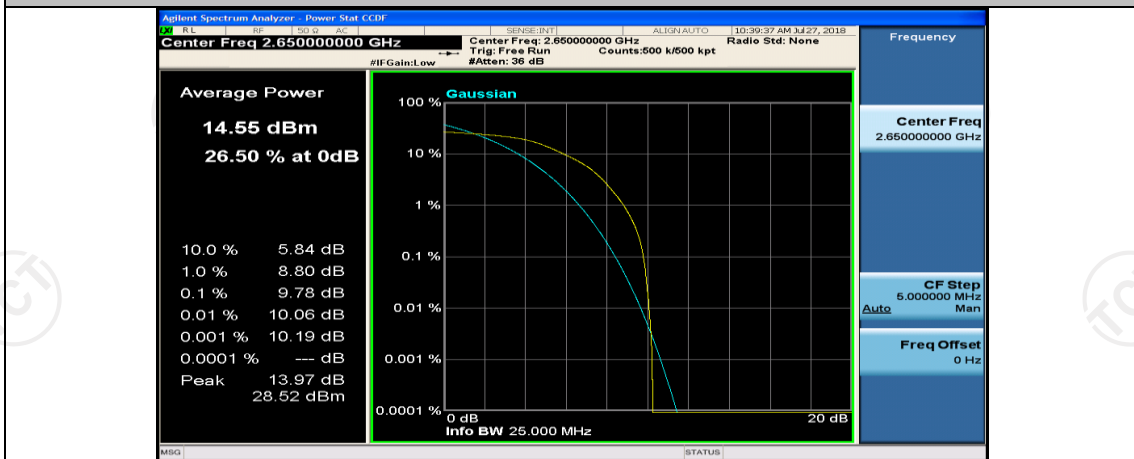
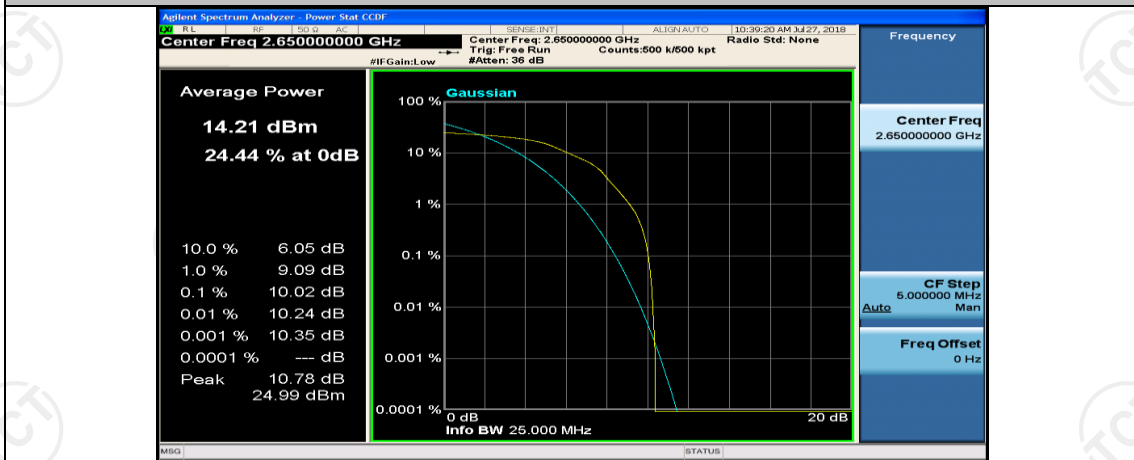
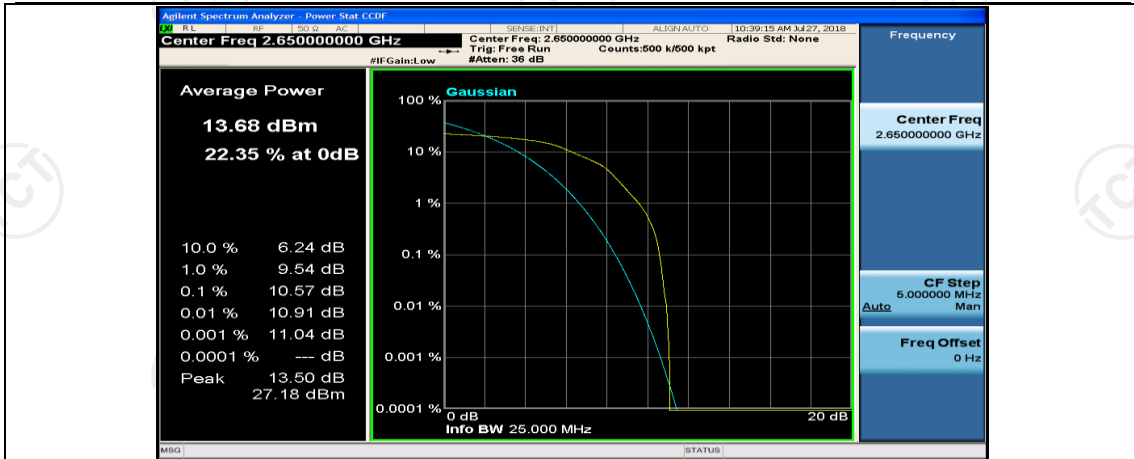


Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#49









## Channel Bandwidth: 15 MHz

