

## 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	21.77	22.77	PASS
		1	12	22.09	23.09	PASS
		1	24	21.77	22.77	PASS
		12	0	20.82	21.82	PASS
		12	6	20.87	21.87	PASS
		12	13	20.85	21.85	PASS
		25	0	20.89	21.89	PASS
	MCH	1	0	21.89	22.89	PASS
		1	12	22.21	23.21	PASS
		1	24	21.92	22.92	PASS
		12	0	20.94	21.94	PASS
		12	6	20.97	21.97	PASS
		12	13	20.91	21.91	PASS
		25	0	20.97	21.97	PASS
	HCH	1	0	22.30	23.30	PASS
		1	12	22.70	23.70	PASS
		1	24	22.42	23.42	PASS
		12	0	21.40	22.40	PASS
		12	6	21.44	22.44	PASS
		12	13	21.44	22.44	PASS
		25	0	21.44	22.44	PASS
16QAM	LCH	1	0	21.03	22.03	PASS
		1	12	21.34	22.34	PASS
		1	24	21.02	22.02	PASS
		12	0	20.33	21.33	PASS
		12	6	20.42	21.42	PASS
		12	13	20.36	21.36	PASS
		25	0	20.35	21.35	PASS
	MCH	1	0	21.09	22.09	PASS
		1	12	21.41	22.41	PASS
		1	24	21.11	22.11	PASS
		12	0	20.45	21.45	PASS
		12	6	20.52	21.52	PASS

		12	13	20.44	21.44	PASS
		25	0	20.45	21.45	PASS
	HCH	1	0	21.50	22.50	PASS
		1	12	21.82	22.82	PASS
		1	24	21.57	22.57	PASS
		12	0	20.41	21.41	PASS
		12	6	20.49	21.49	PASS
		12	13	20.43	21.43	PASS
		25	0	20.38	21.38	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	21.86	22.86	PASS
		1	24	21.96	22.96	PASS
		1	49	21.83	22.83	PASS
		25	0	20.93	21.93	PASS
		25	12	20.94	21.94	PASS
		25	25	20.98	21.98	PASS
		50	0	20.92	21.92	PASS
	MCH	1	0	21.91	22.91	PASS
		1	24	22.11	23.11	PASS
		1	49	21.98	22.98	PASS
		25	0	21.08	22.08	PASS
		25	12	21.07	22.07	PASS
		25	25	21.05	22.05	PASS
		50	0	21.02	22.02	PASS
	HCH	1	0	22.26	23.26	PASS
		1	24	22.48	23.48	PASS
		1	49	21.97	22.97	PASS
		25	0	20.96	21.96	PASS
		25	12	20.94	21.94	PASS
		25	25	20.98	21.98	PASS
		50	0	20.94	21.94	PASS
16QAM	LCH	1	0	21.12	22.12	PASS
		1	24	21.26	22.26	PASS
		1	49	21.10	22.10	PASS
		25	0	20.40	21.40	PASS
		25	12	20.39	21.39	PASS
		25	25	20.48	21.48	PASS

	MCH	50	0	20.39	21.39	PASS
		1	0	21.20	22.20	PASS
		1	24	21.36	22.36	PASS
		1	49	21.22	22.22	PASS
		25	0	20.55	21.55	PASS
		25	12	20.48	21.48	PASS
		25	25	20.53	21.53	PASS
		50	0	20.58	21.58	PASS
	HCH	1	0	21.17	22.17	PASS
		1	24	21.27	22.27	PASS
		1	49	21.14	22.14	PASS
		25	0	20.43	21.43	PASS
		25	12	20.48	21.48	PASS
		25	25	20.53	21.53	PASS
		50	0	20.46	21.46	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	21.45	22.45	PASS
		1	37	21.49	22.49	PASS
		1	74	21.27	22.27	PASS
		37	0	20.38	21.38	PASS
		37	18	20.45	21.45	PASS
		37	38	20.44	21.44	PASS
		75	0	20.50	21.50	PASS
	MCH	1	0	21.36	22.36	PASS
		1	37	21.56	22.56	PASS
		1	74	21.45	22.45	PASS
		37	0	20.51	21.51	PASS
		37	18	20.57	21.57	PASS
		37	38	20.58	21.58	PASS
		75	0	20.61	21.61	PASS
	HCH	1	0	21.69	22.69	PASS
		1	37	21.94	22.94	PASS
		1	74	21.85	22.85	PASS
		37	0	20.97	21.97	PASS
		37	18	20.97	21.97	PASS
		37	38	21.02	22.02	PASS
		75	0	21.05	22.05	PASS

Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
16QAM	LCH	1	0	20.62	21.62	PASS
		1	37	20.79	21.79	PASS
		1	74	20.56	21.56	PASS
		37	0	20.42	21.42	PASS
		37	18	20.45	21.45	PASS
		37	38	20.56	21.56	PASS
		75	0	20.47	21.47	PASS
	MCH	1	0	20.63	21.63	PASS
		1	37	20.93	21.93	PASS
		1	74	20.72	21.72	PASS
		37	0	20.52	21.52	PASS
		37	18	20.60	21.60	PASS
		37	38	20.58	21.58	PASS
		75	0	20.60	21.60	PASS
	HCH	1	0	20.93	21.93	PASS
		1	37	21.24	22.24	PASS
		1	74	21.08	22.08	PASS
		37	0	20.94	21.94	PASS
		37	18	20.98	21.98	PASS
		37	38	20.71	21.71	PASS
		75	0	20.86	21.86	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	22.29	23.29	PASS
		1	49	21.65	22.65	PASS
		1	99	21.28	22.28	PASS
		50	0	20.35	21.35	PASS
		50	25	20.48	21.48	PASS
		50	50	20.48	21.48	PASS
		100	0	20.39	21.39	PASS
	MCH	1	0	22.36	23.36	PASS
		1	49	21.77	22.77	PASS
		1	99	21.50	22.50	PASS
		50	0	20.55	21.55	PASS
		50	25	20.56	21.56	PASS
		50	50	20.58	21.58	PASS
		100	0	20.52	21.52	PASS
	HCH	1	0	21.58	22.58	PASS

		1	49	22.83	23.83	PASS
		1	99	21.82	22.82	PASS
		50	0	20.95	21.95	PASS
		50	25	20.91	21.91	PASS
		50	50	20.84	21.84	PASS
		100	0	20.87	21.87	PASS
16QAM	LCH	1	0	21.49	22.49	PASS
		1	49	20.89	21.89	PASS
		1	99	20.44	21.44	PASS
		50	0	20.36	21.36	PASS
		50	25	20.48	21.48	PASS
		50	50	20.50	21.50	PASS
		100	0	20.46	21.46	PASS
	MCH	1	0	20.49	21.49	PASS
		1	49	20.95	21.95	PASS
		1	99	20.67	21.67	PASS
		50	0	20.57	21.57	PASS
		50	25	20.56	21.56	PASS
		50	50	20.57	21.57	PASS
		100	0	20.52	21.52	PASS
	HCH	1	0	20.80	21.80	PASS
		1	49	21.17	22.17	PASS
		1	99	20.96	21.96	PASS
		50	0	20.90	21.90	PASS
		50	25	20.93	21.93	PASS
		50	50	20.81	21.81	PASS
		100	0	20.87	21.87	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	4.75	<13	PASS
		1	12	4.48	<13	PASS
		1	24	4.84	<13	PASS
		12	0	5.25	<13	PASS
		12	6	5.27	<13	PASS
		12	13	5.23	<13	PASS
		25	0	5.26	<13	PASS
	MCH	1	0	4.27	<13	PASS
		1	12	4.16	<13	PASS
		1	24	4.38	<13	PASS
		12	0	4.96	<13	PASS
		12	6	4.97	<13	PASS
		12	13	5.03	<13	PASS
		25	0	5.01	<13	PASS
	HCH	1	0	3.57	<13	PASS
		1	12	3.32	<13	PASS
		1	24	3.57	<13	PASS
		12	0	4.47	<13	PASS
		12	6	4.49	<13	PASS
		12	13	4.51	<13	PASS
		25	0	4.48	<13	PASS
16QAM	LCH	1	0	5.37	<13	PASS
		1	12	5.35	<13	PASS
		1	24	5.53	<13	PASS
		12	0	6.11	<13	PASS
		12	6	6.11	<13	PASS
		12	13	6.18	<13	PASS
		25	0	5.98	<13	PASS
	MCH	1	0	5.05	<13	PASS
		1	12	5.00	<13	PASS
		1	24	5.22	<13	PASS

		12	0	5.85	<13	PASS	
		12	6	5.89	<13	PASS	
		12	13	5.96	<13	PASS	
		25	0	5.86	<13	PASS	
	HCH		1	0	4.47	<13	PASS
			1	12	4.15	<13	PASS
			1	24	4.39	<13	PASS
			12	0	5.38	<13	PASS
			12	6	5.40	<13	PASS
			12	13	5.48	<13	PASS
			25	0	5.38	<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	4.51	<13	PASS	
		1	24	4.44	<13	PASS	
		1	49	4.70	<13	PASS	
		25	0	5.28	<13	PASS	
		25	12	5.31	<13	PASS	
		25	25	5.24	<13	PASS	
		50	0	5.30	<13	PASS	
	MCH		1	0	4.15	<13	PASS
			1	24	4.11	<13	PASS
			1	49	4.34	<13	PASS
			25	0	4.93	<13	PASS
			25	12	4.96	<13	PASS
			25	25	5.00	<13	PASS
			50	0	5.08	<13	PASS
	HCH		1	0	3.57	<13	PASS
			1	24	3.24	<13	PASS
			1	49	3.43	<13	PASS
			25	0	4.46	<13	PASS
			25	12	4.44	<13	PASS
			25	25	4.50	<13	PASS
			50	0	4.51	<13	PASS
16QAM	LCH	1	0	5.37	<13	PASS	
		1	24	5.31	<13	PASS	
		1	49	5.52	<13	PASS	
		25	0	6.14	<13	PASS	

		25	12	6.15	<13	PASS
		25	25	6.06	<13	PASS
		50	0	6.07	<13	PASS
	MCH	1	0	5.00	<13	PASS
		1	24	5.04	<13	PASS
		1	49	5.13	<13	PASS
		25	0	5.86	<13	PASS
		25	12	5.91	<13	PASS
		25	25	5.92	<13	PASS
		50	0	5.82	<13	PASS
	HCH	1	0	4.48	<13	PASS
		1	24	4.22	<13	PASS
		1	49	4.39	<13	PASS
		25	0	5.37	<13	PASS
		25	12	5.35	<13	PASS
		25	25	5.49	<13	PASS
		50	0	5.43	<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	4.43	<13	PASS
		1	37	4.47	<13	PASS
		1	74	4.71	<13	PASS
		37	0	5.26	<13	PASS
		37	18	5.27	<13	PASS
		37	38	5.29	<13	PASS
		75	0	5.56	<13	PASS
	MCH	1	0	4.07	<13	PASS
		1	37	4.03	<13	PASS
		1	74	4.45	<13	PASS
		37	0	4.88	<13	PASS
		37	18	4.94	<13	PASS
		37	38	5.08	<13	PASS
		75	0	5.35	<13	PASS
	HCH	1	0	3.93	<13	PASS
		1	37	3.28	<13	PASS
		1	74	3.44	<13	PASS
		37	0	4.65	<13	PASS
		37	18	4.45	<13	PASS



16QAM		37	38	4.41	<13	PASS
		75	0	4.96	<13	PASS
	LCH	1	0	5.37	<13	PASS
		1	37	5.37	<13	PASS
		1	74	5.70	<13	PASS
		37	0	6.08	<13	PASS
		37	18	6.08	<13	PASS
		37	38	6.12	<13	PASS
		75	0	6.20	<13	PASS
		MCH	1	0	5.09	<13
	1		37	5.01	<13	PASS
	1		74	5.45	<13	PASS
	37		0	5.76	<13	PASS
	37		18	5.78	<13	PASS
	37		38	5.93	<13	PASS
	75		0	6.03	<13	PASS
	HCH		1	0	4.84	<13
		1	37	4.33	<13	PASS
		1	74	4.32	<13	PASS
		37	0	5.54	<13	PASS
		37	18	5.41	<13	PASS
		37	38	5.38	<13	PASS
		75	0	5.71	<13	PASS

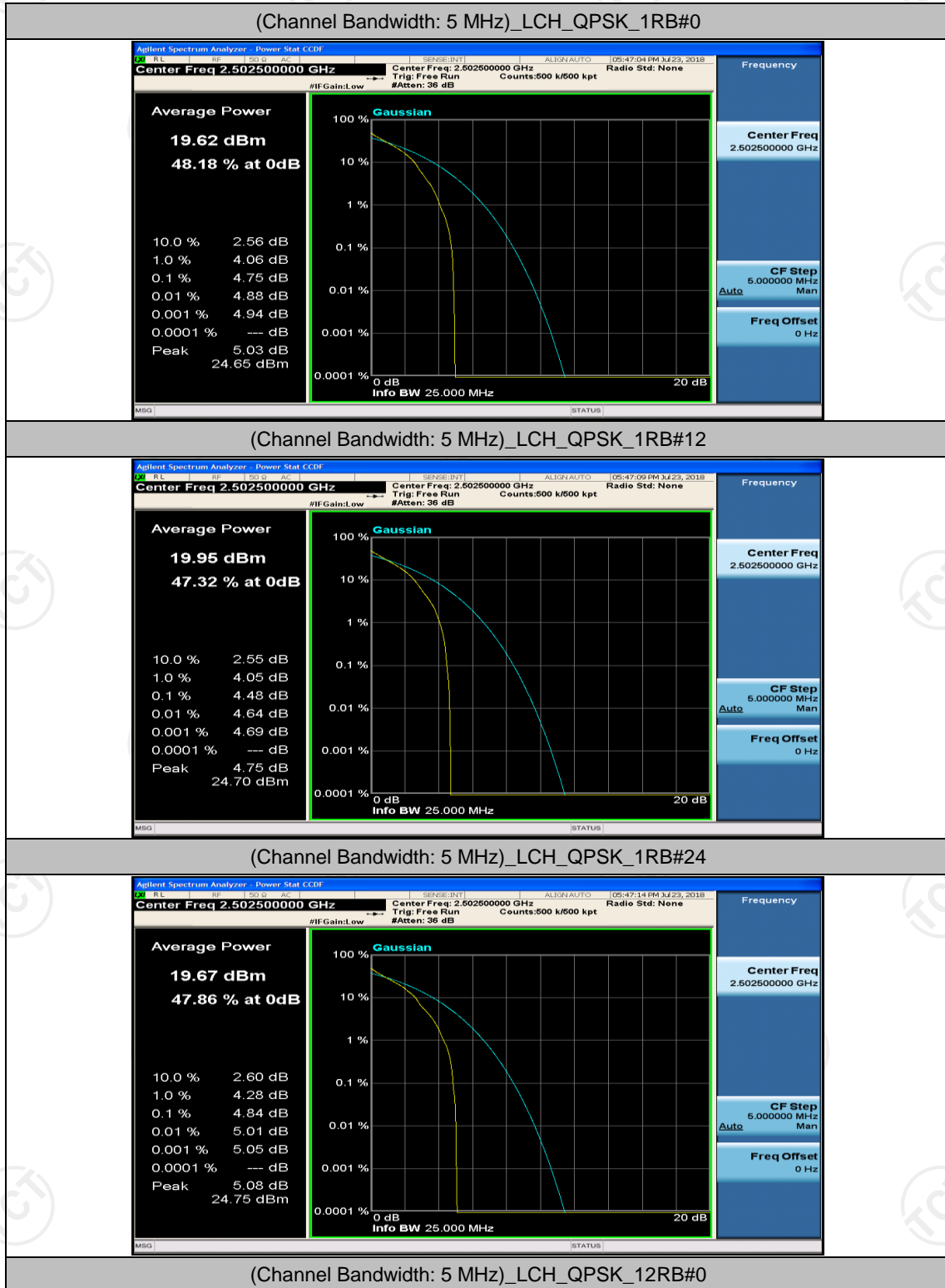
## Channel Bandwidth: 20 MHz

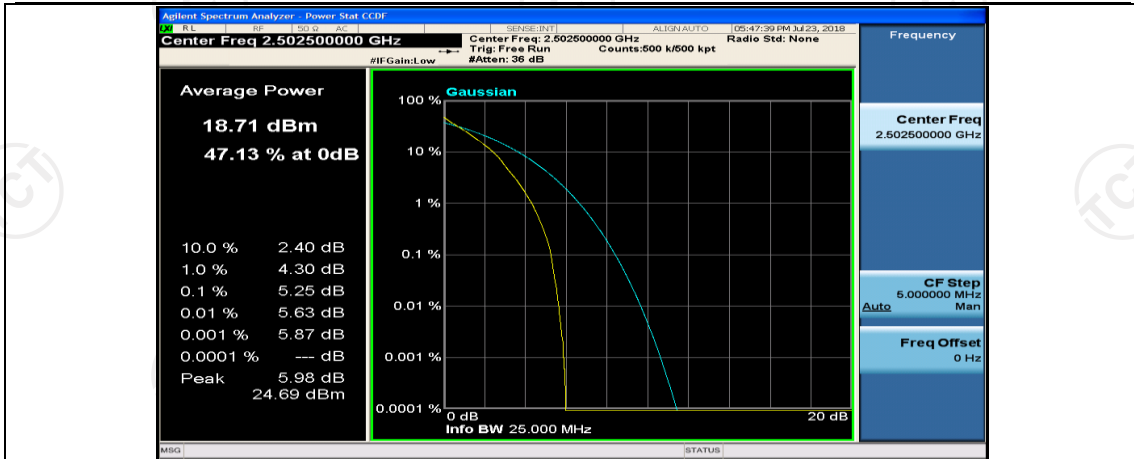
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.51	<13	PASS
		1	49	4.54	<13	PASS
		1	99	4.38	<13	PASS
		50	0	5.33	<13	PASS
		50	25	5.30	<13	PASS
		50	50	5.30	<13	PASS
		100	0	5.42	<13	PASS
	MCH	1	0	4.32	<13	PASS
		1	49	4.05	<13	PASS
		1	99	4.50	<13	PASS
		50	0	4.97	<13	PASS
		50	25	5.00	<13	PASS
		50	50	5.19	<13	PASS

	HCH	100	0	5.32	<13	PASS
		1	0	4.45	<13	PASS
		1	49	3.44	<13	PASS
		1	99	3.58	<13	PASS
		50	0	4.91	<13	PASS
		50	25	4.66	<13	PASS
		50	50	4.71	<13	PASS
		100	0	5.08	<13	PASS
16QAM	LCH	1	0	5.39	<13	PASS
		1	49	5.22	<13	PASS
		1	99	5.32	<13	PASS
		50	0	6.12	<13	PASS
		50	25	6.15	<13	PASS
		50	50	6.15	<13	PASS
		100	0	6.19	<13	PASS
		MCH	1	0	5.12	<13
	1		49	4.78	<13	PASS
	1		99	5.49	<13	PASS
	50		0	5.79	<13	PASS
	50		25	5.84	<13	PASS
	50		50	6.06	<13	PASS
	100		0	6.03	<13	PASS
	HCH		1	0	5.19	<13
		1	49	4.35	<13	PASS
		1	99	4.26	<13	PASS
		50	0	5.80	<13	PASS
		50	25	5.60	<13	PASS
		50	50	5.59	<13	PASS
		100	0	5.87	<13	PASS

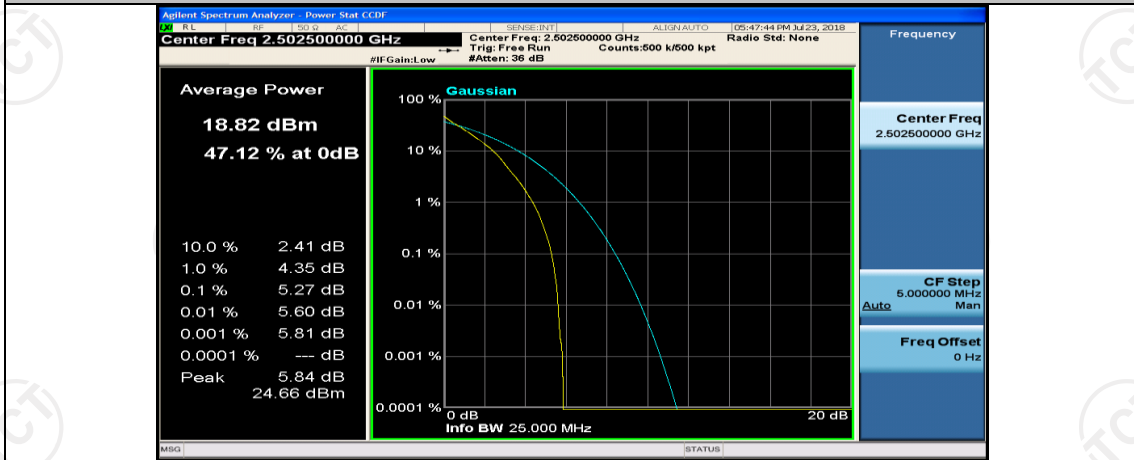
## Test Graphs

### Channel Bandwidth: 5 MHz

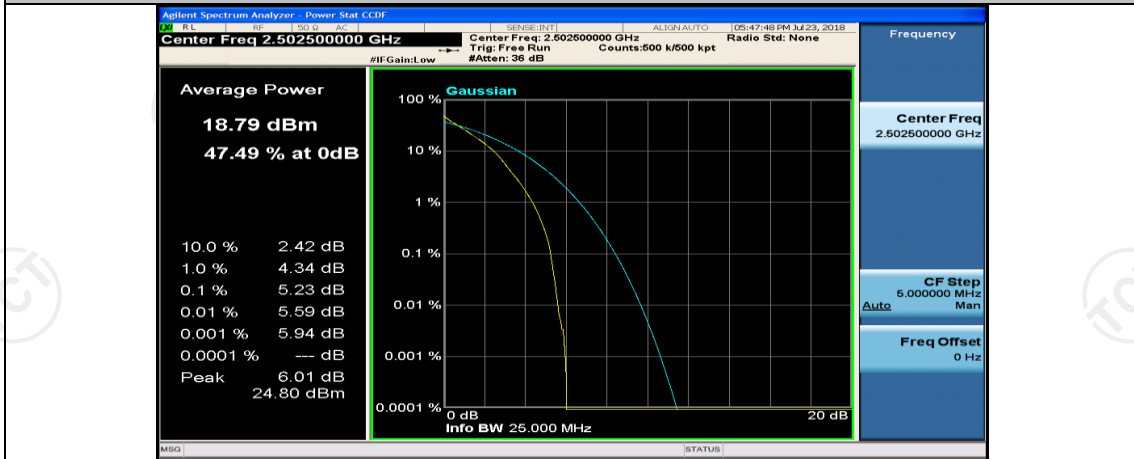




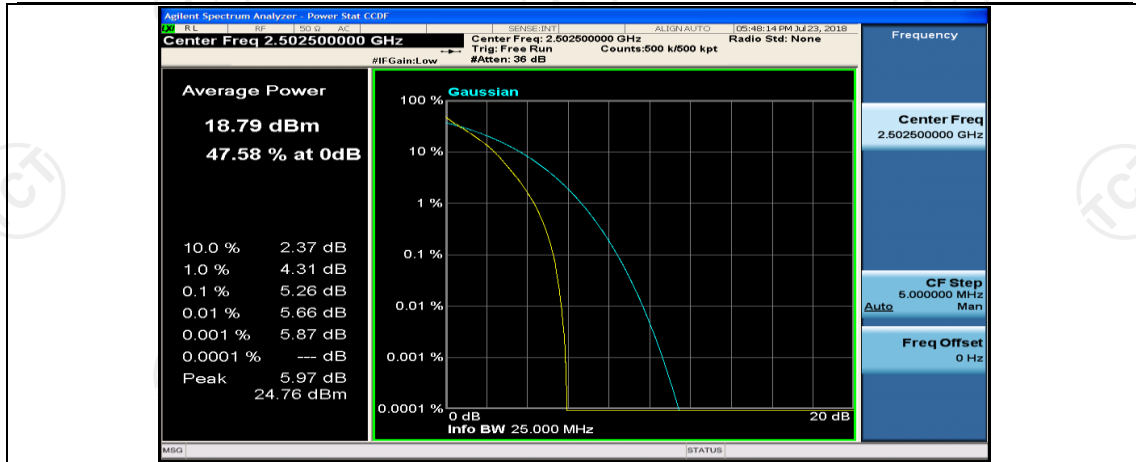
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#6



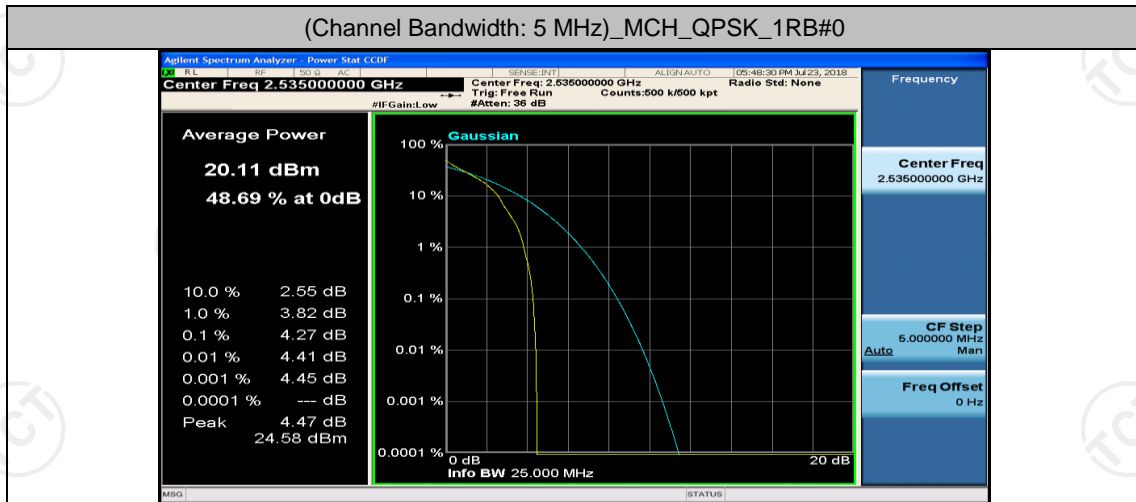
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#13



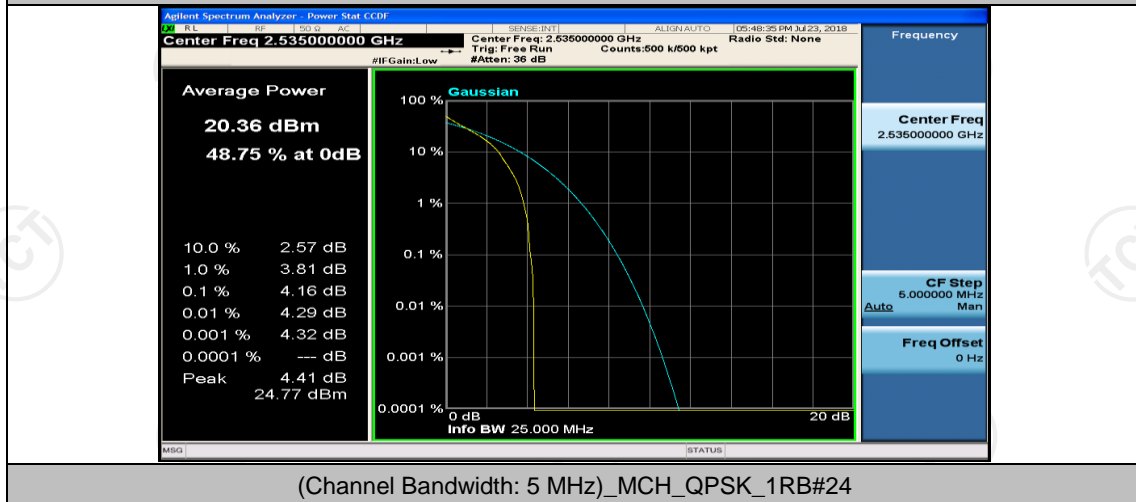
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_25RB#0



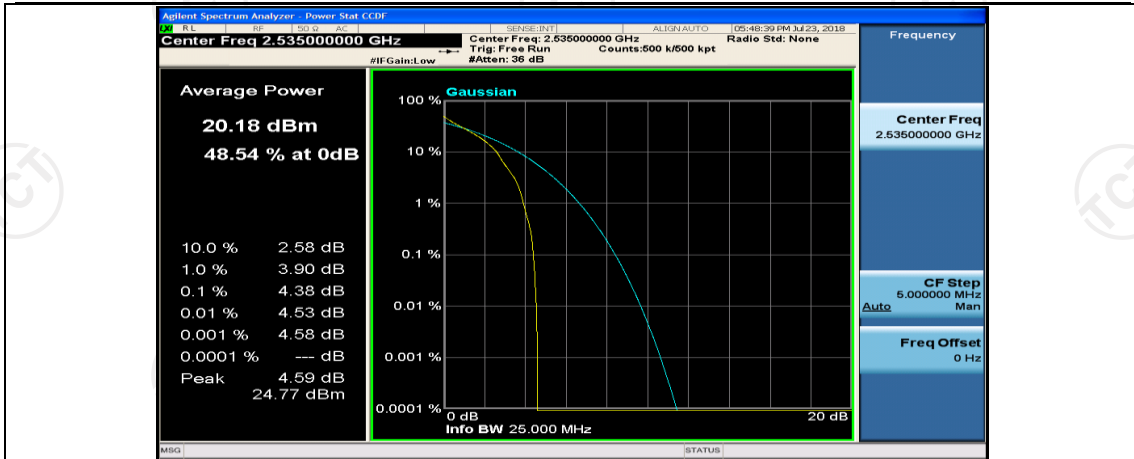
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#0



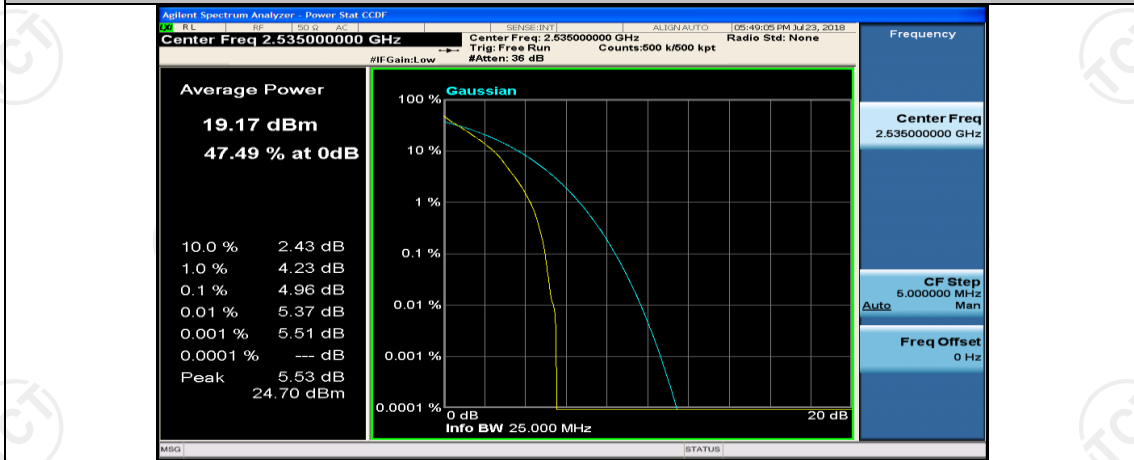
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#12



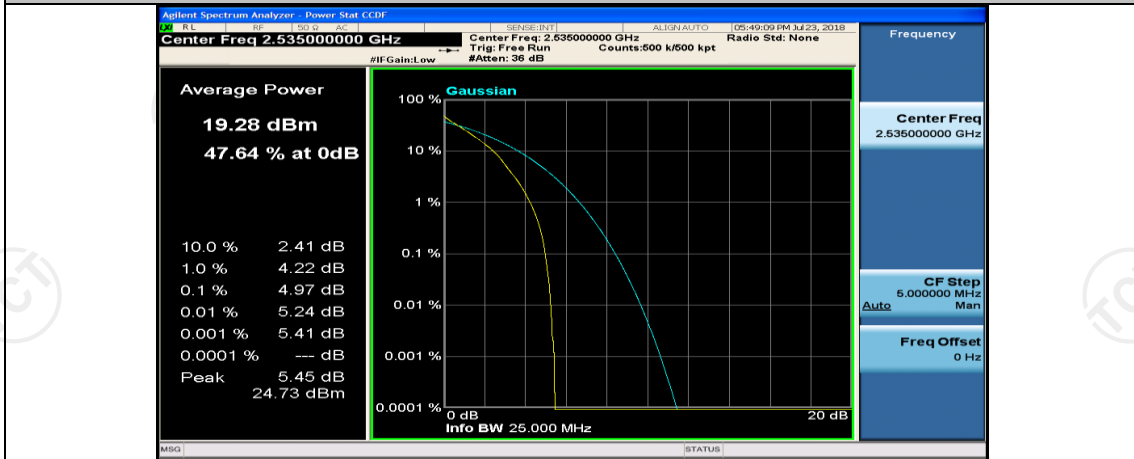
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#24



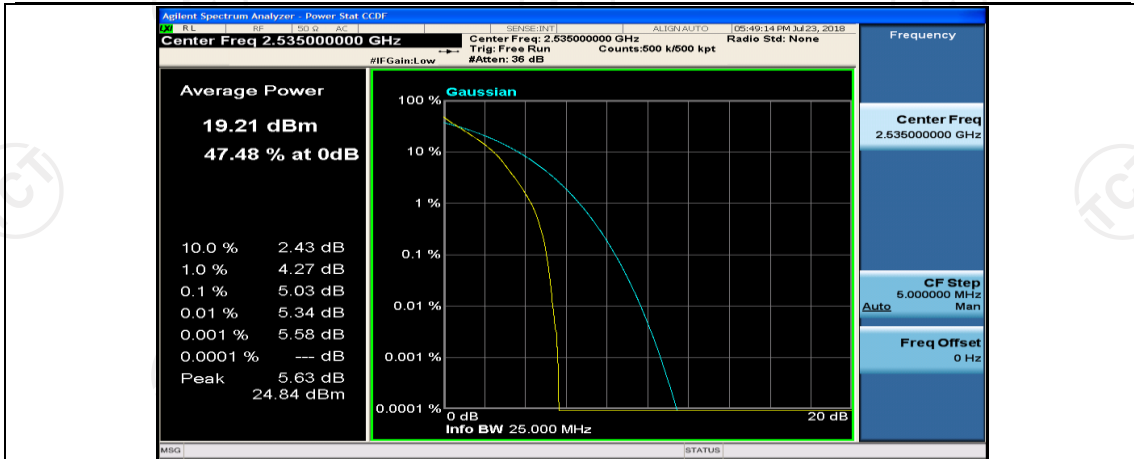
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#0



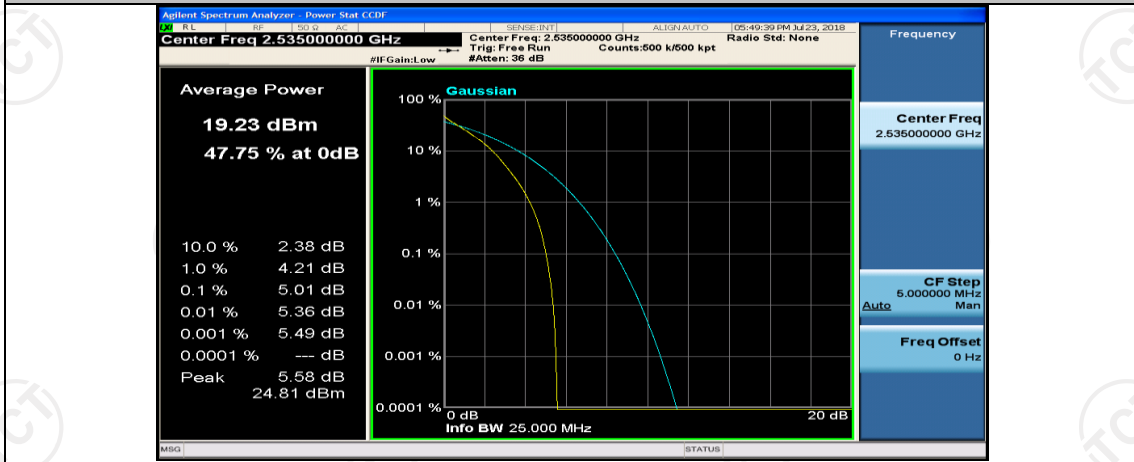
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#6



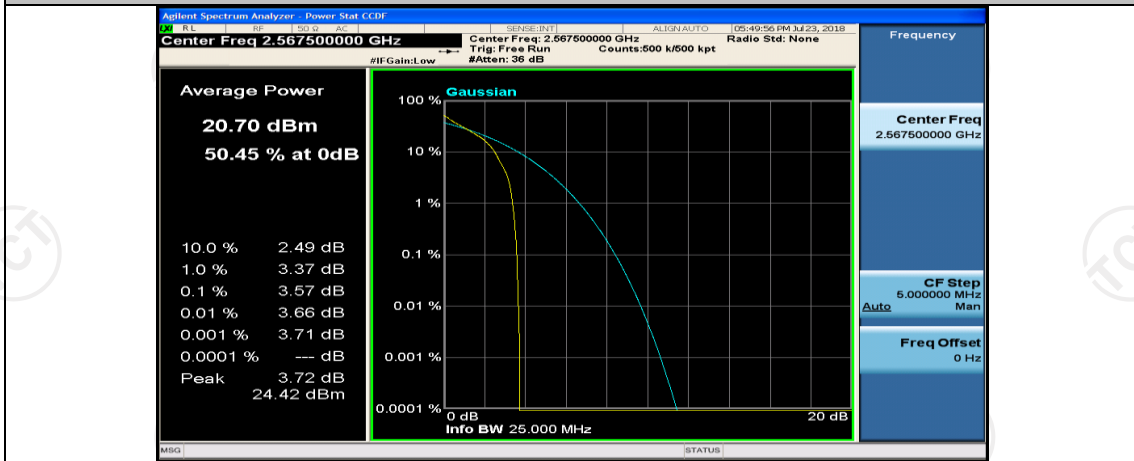
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#13



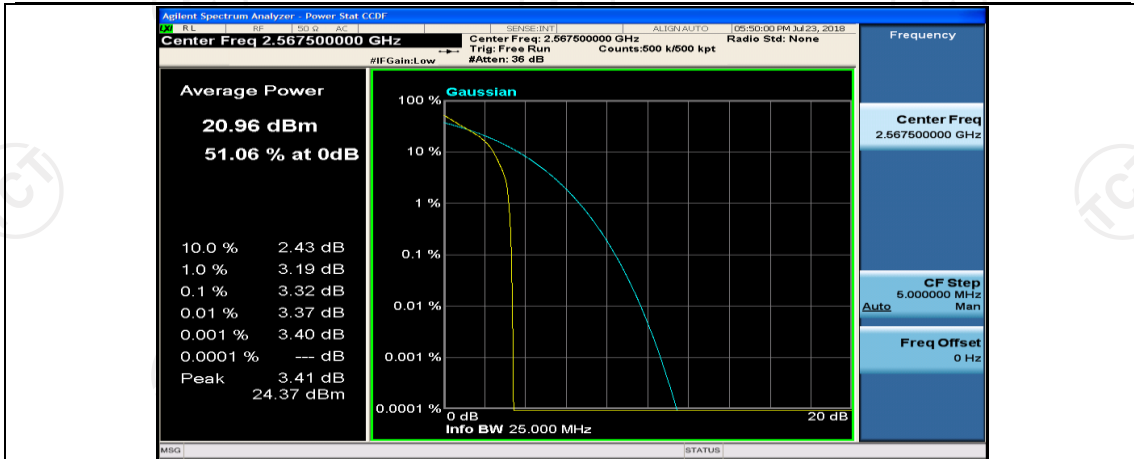
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_25RB#0



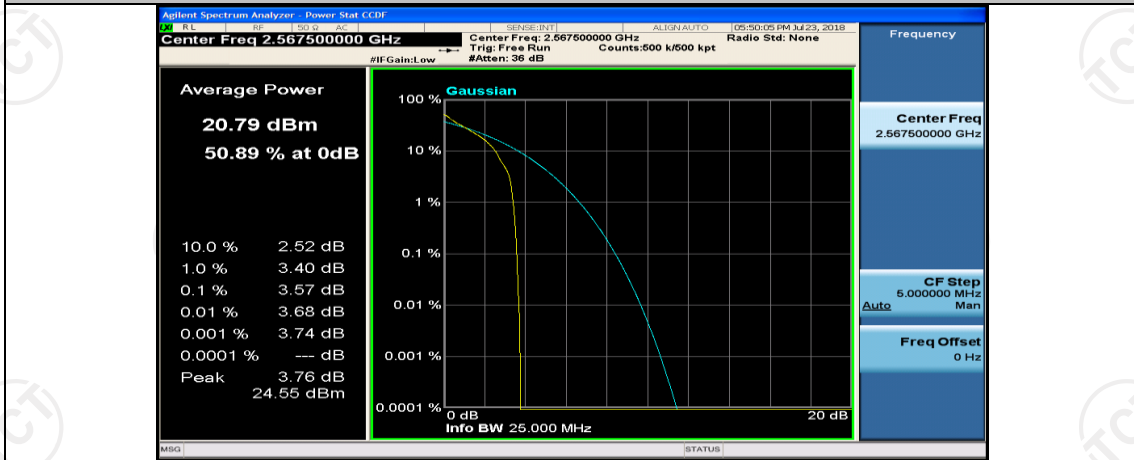
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0



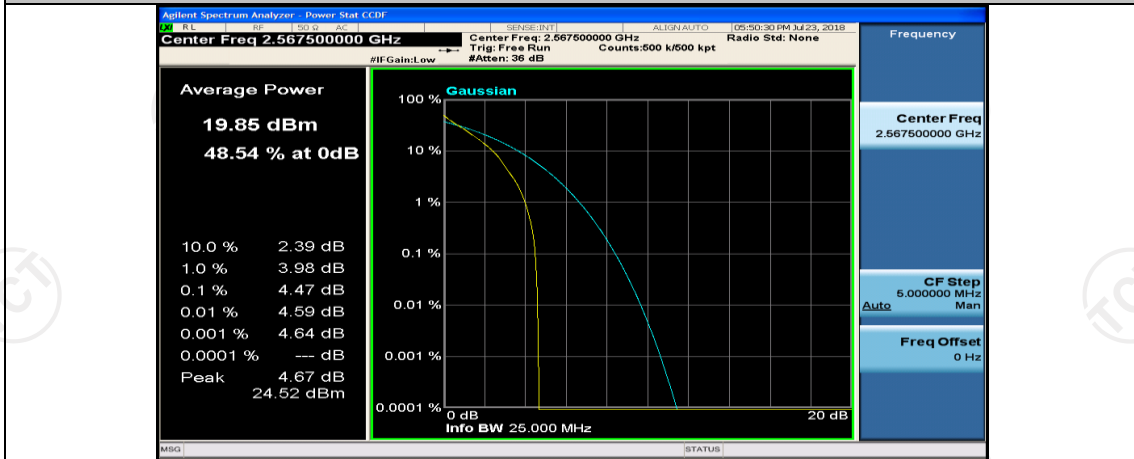
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12



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

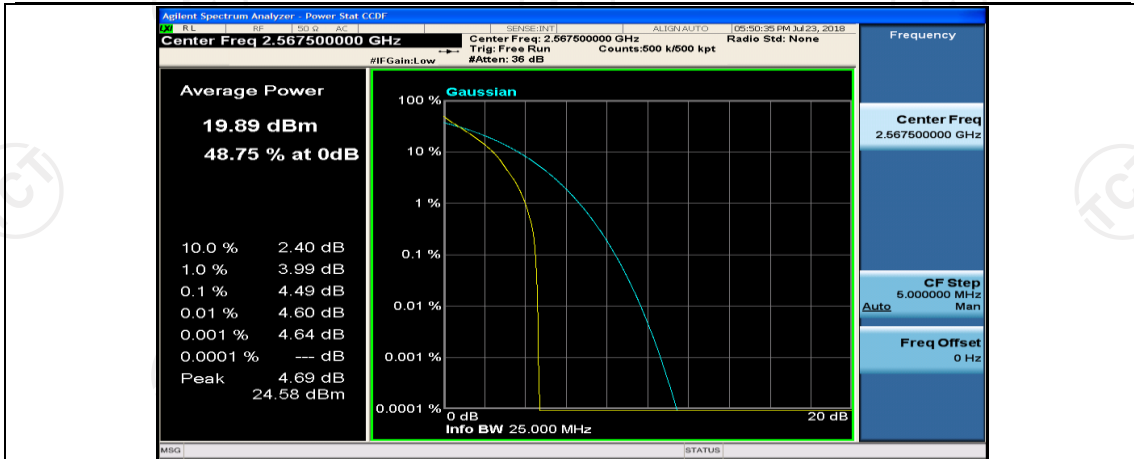


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#0

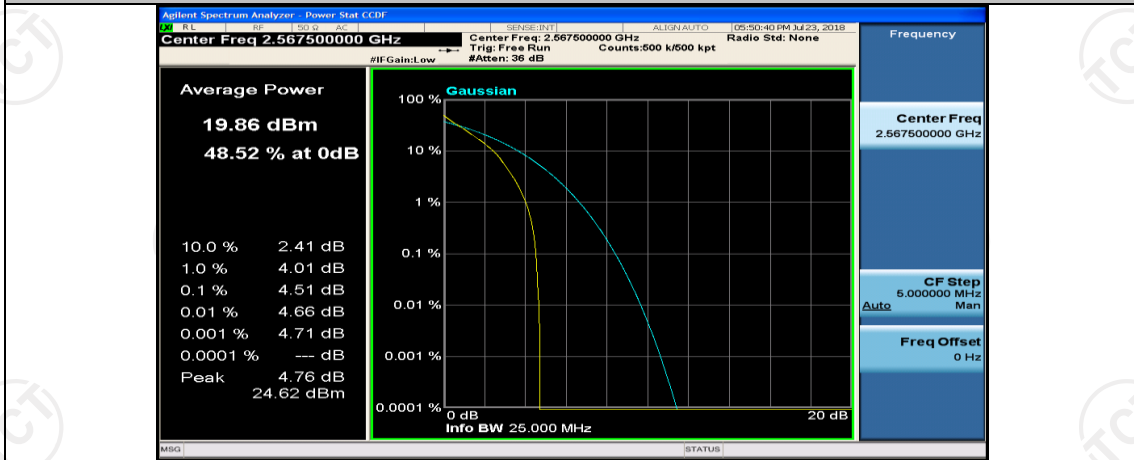


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#6

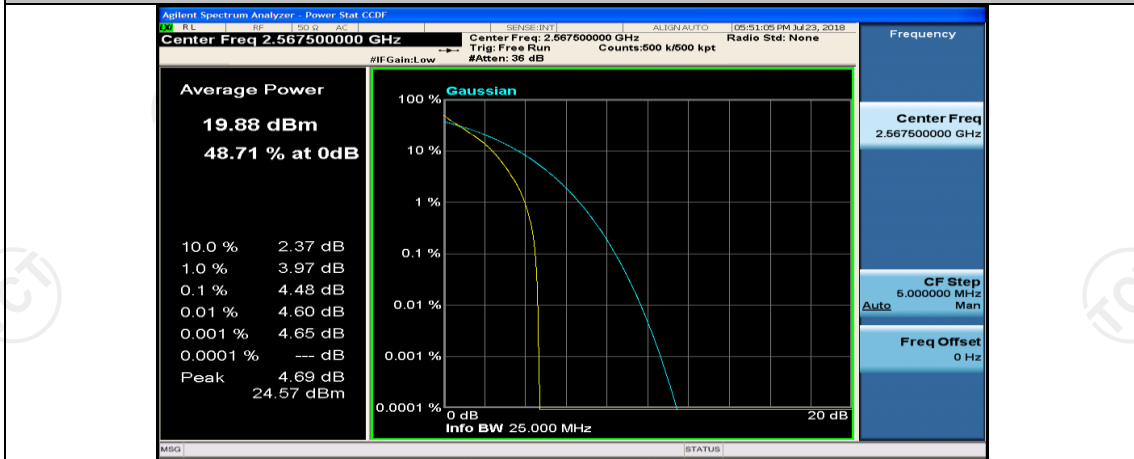




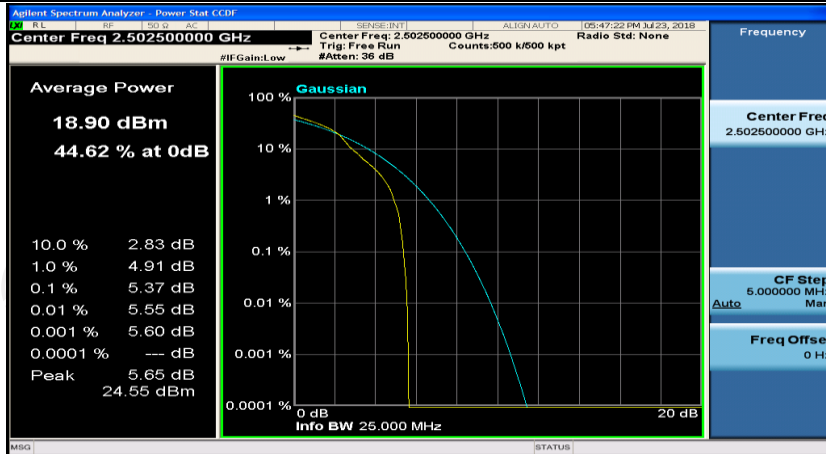
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#13



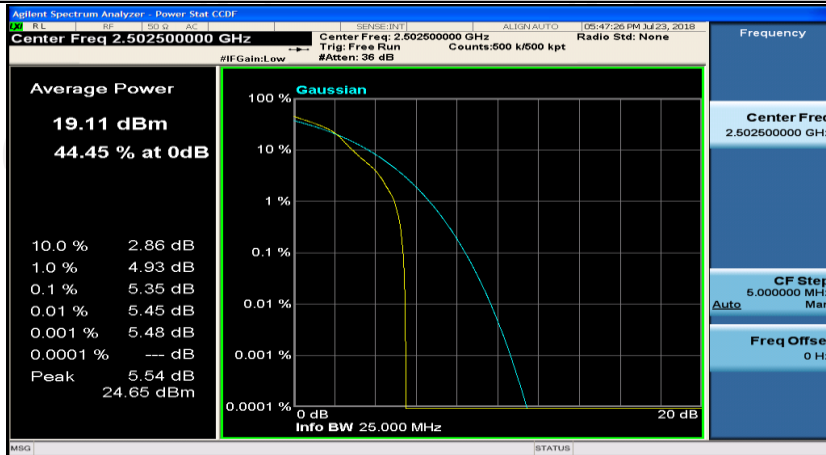
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_25RB#0



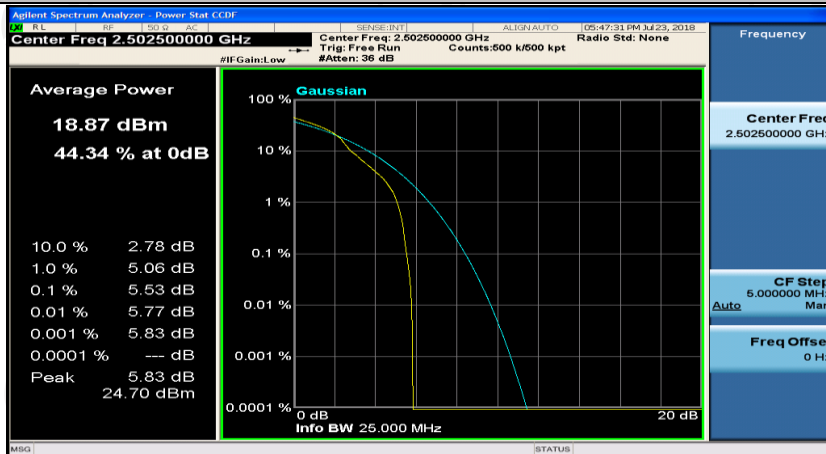
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0



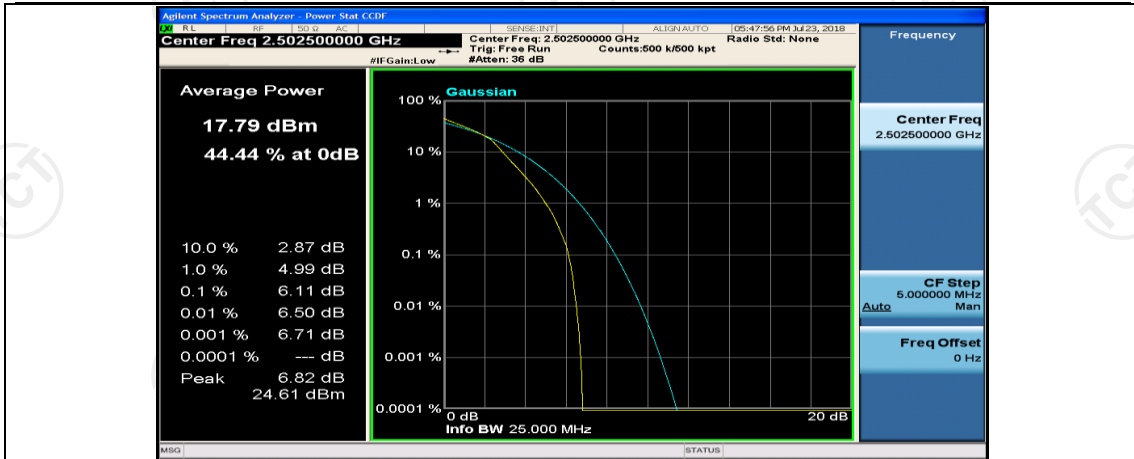
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#12



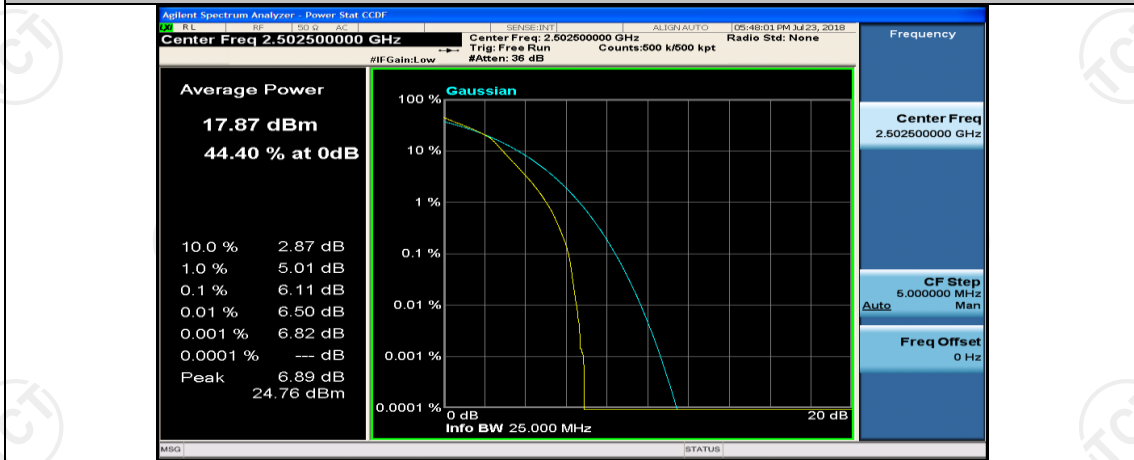
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#24



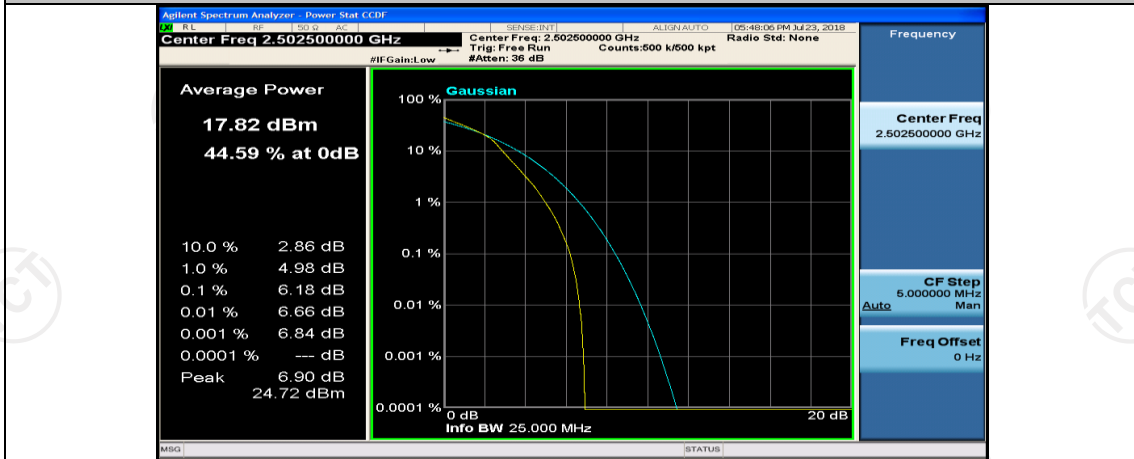
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#0



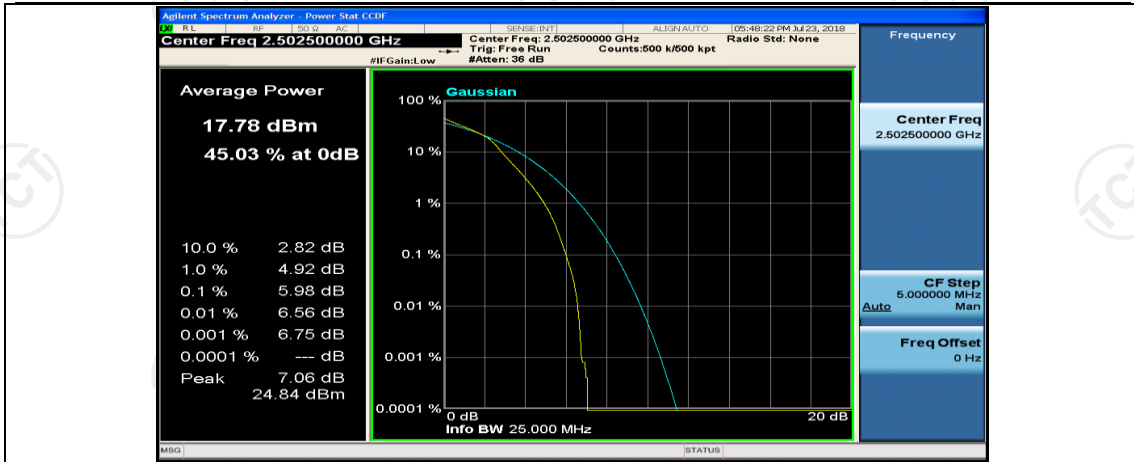
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#6



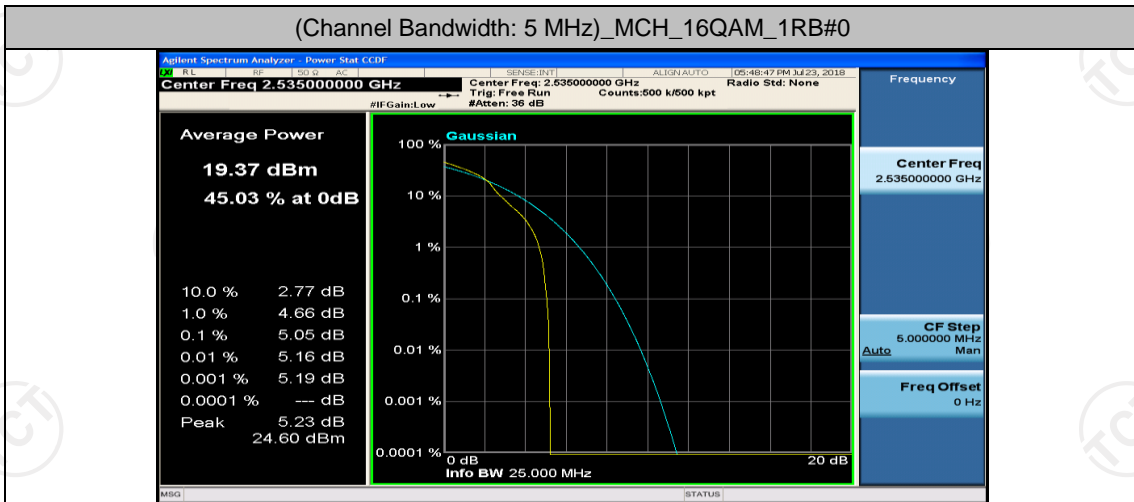
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#13



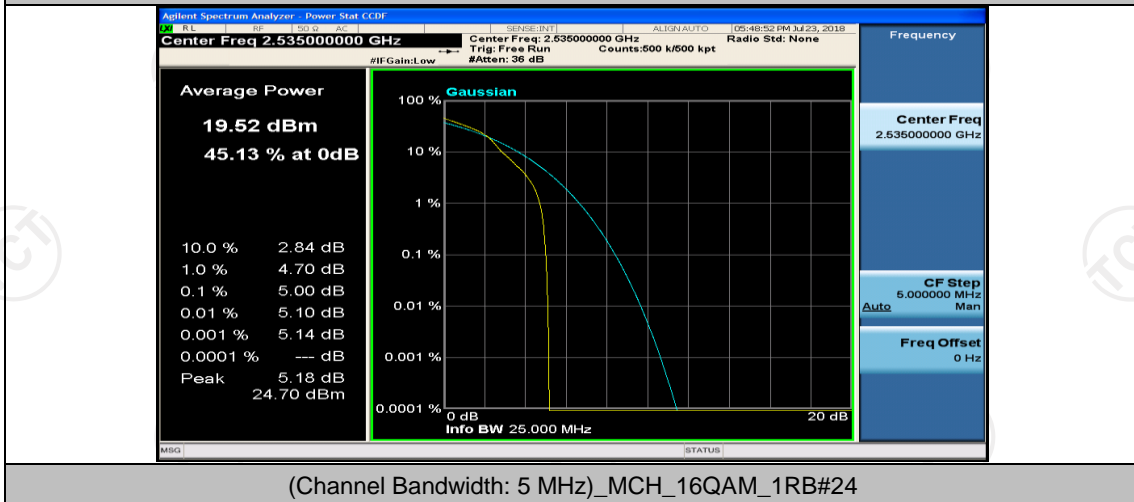
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0



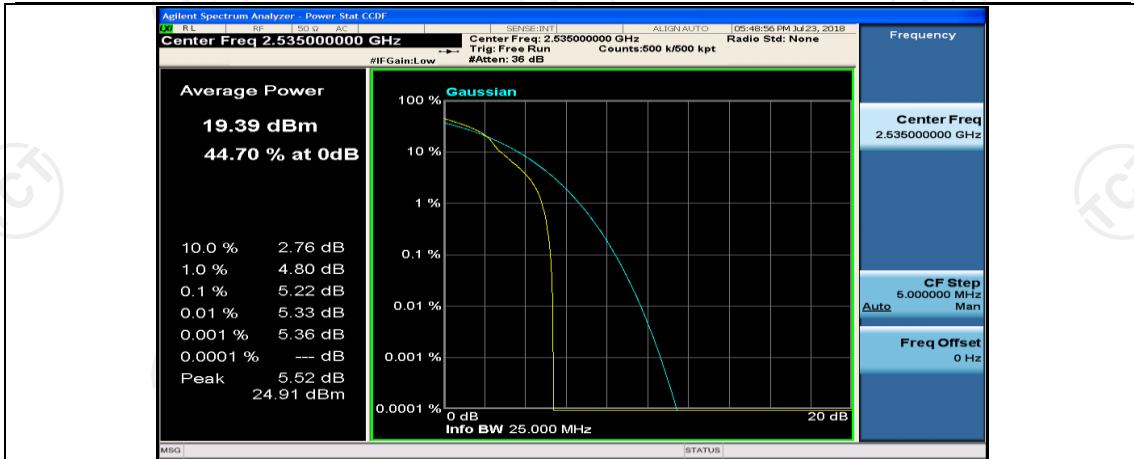
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#0



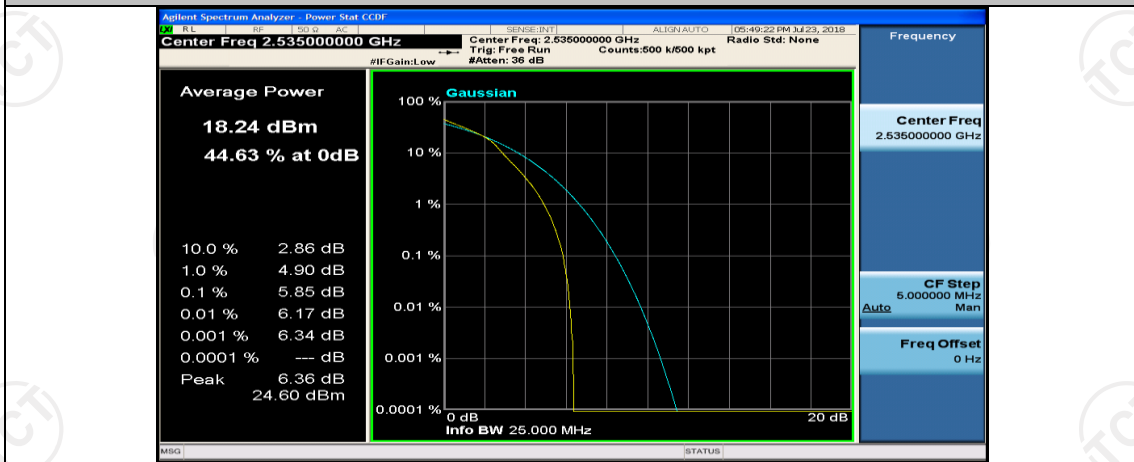
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#12



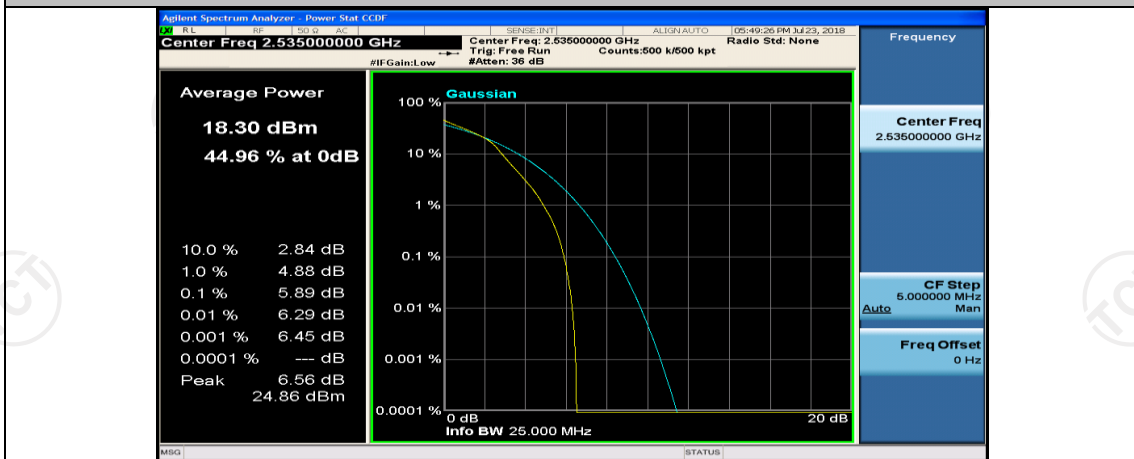
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#24



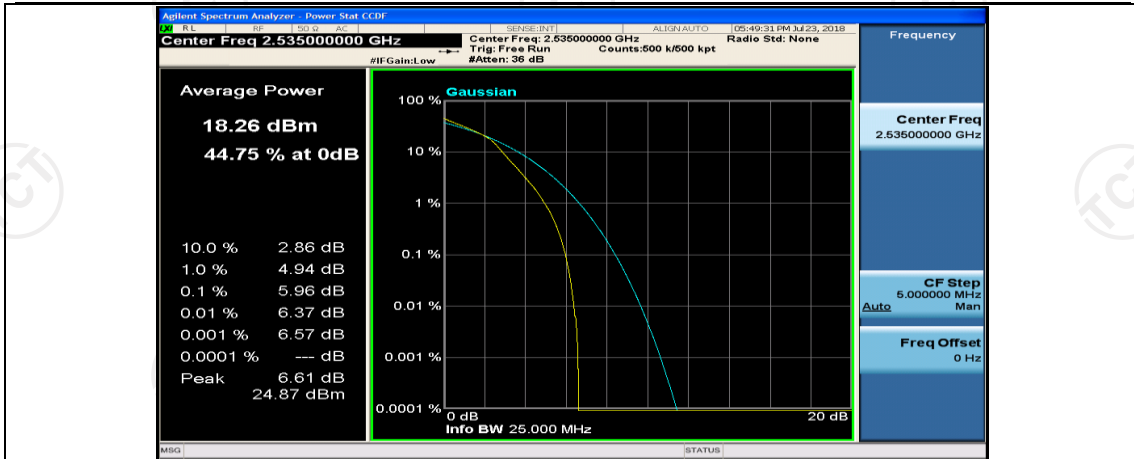
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#0



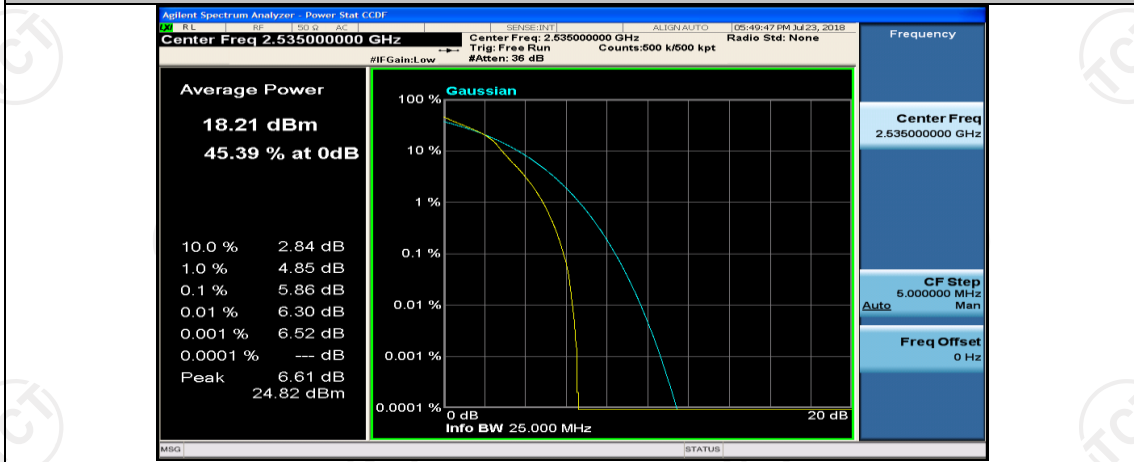
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#6



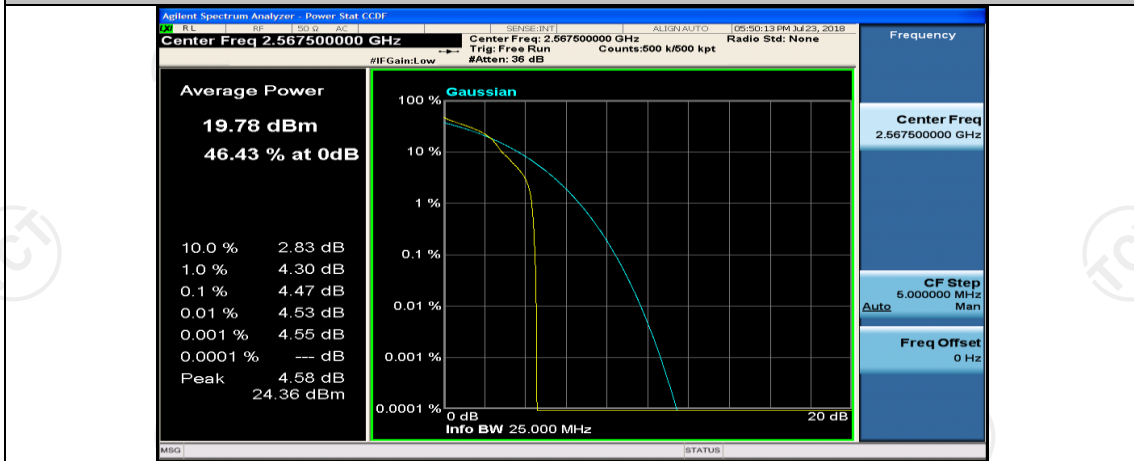
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#13



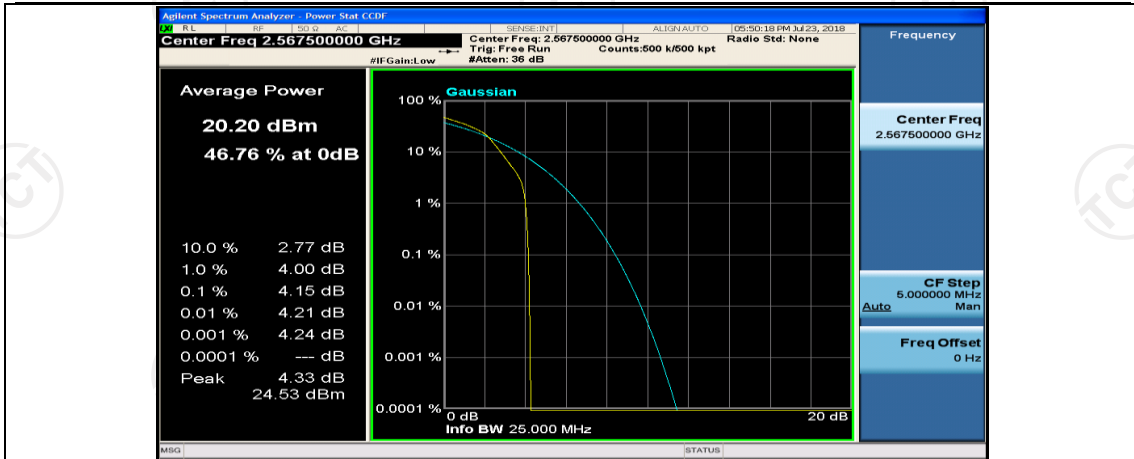
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_25RB#0



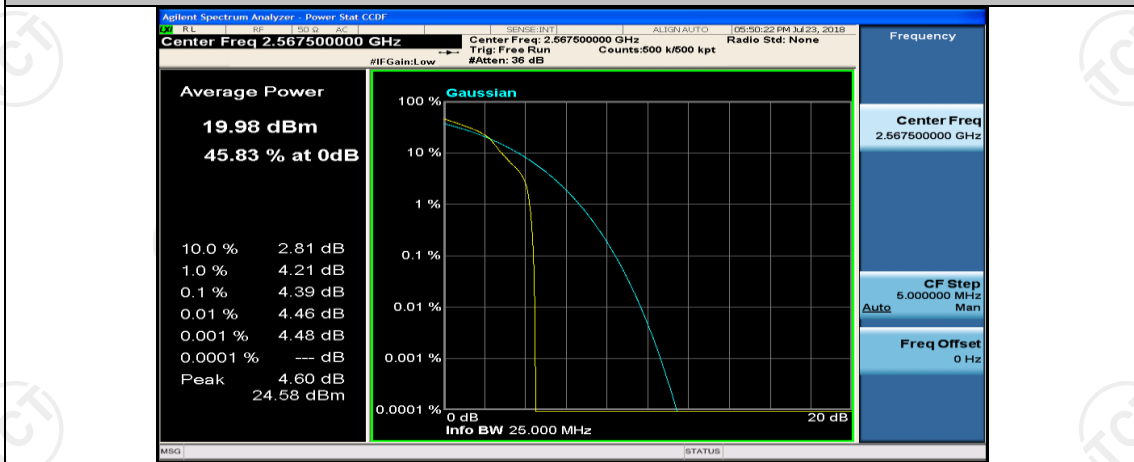
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#0



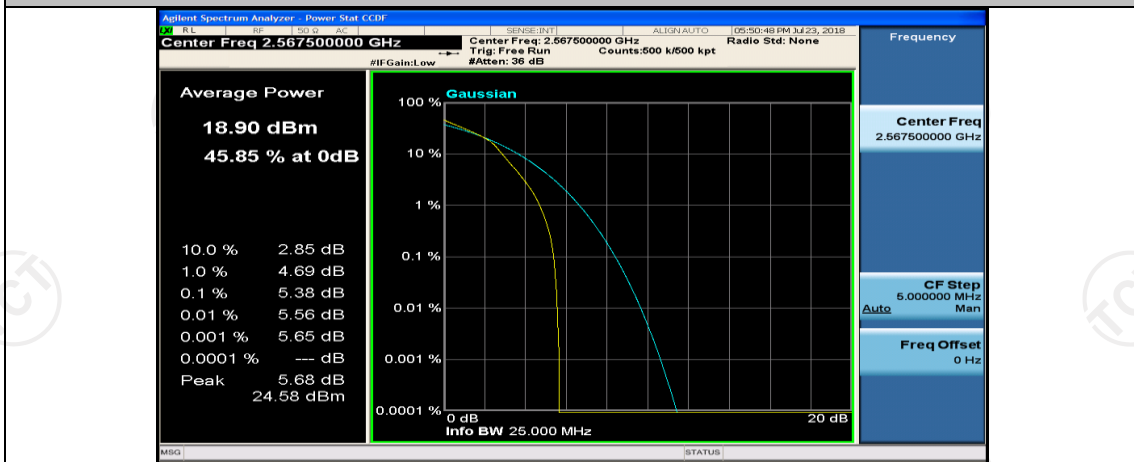
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#12



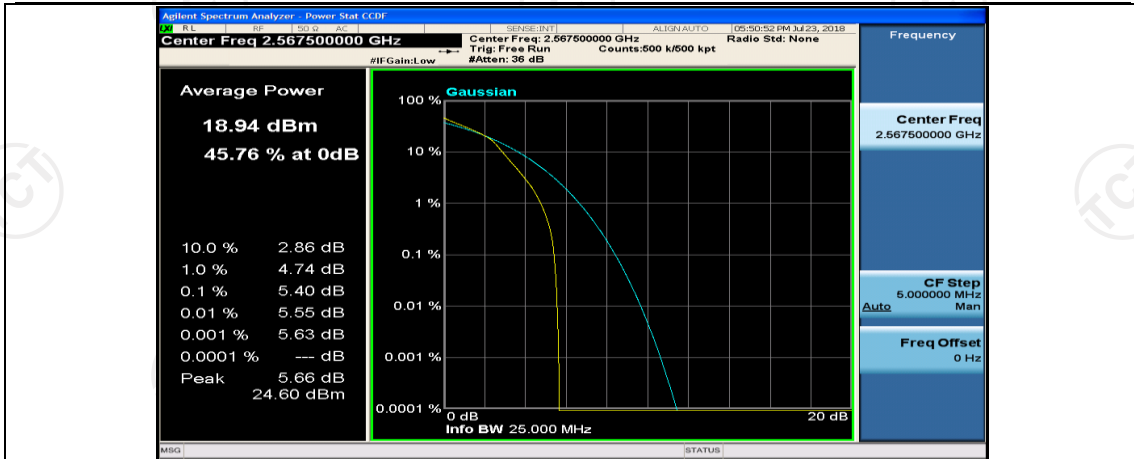
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#24



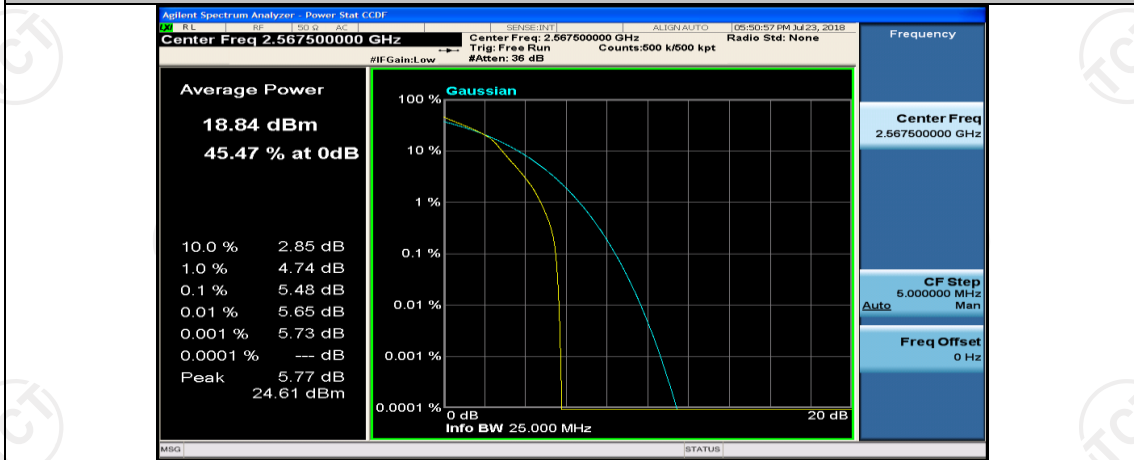
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#0



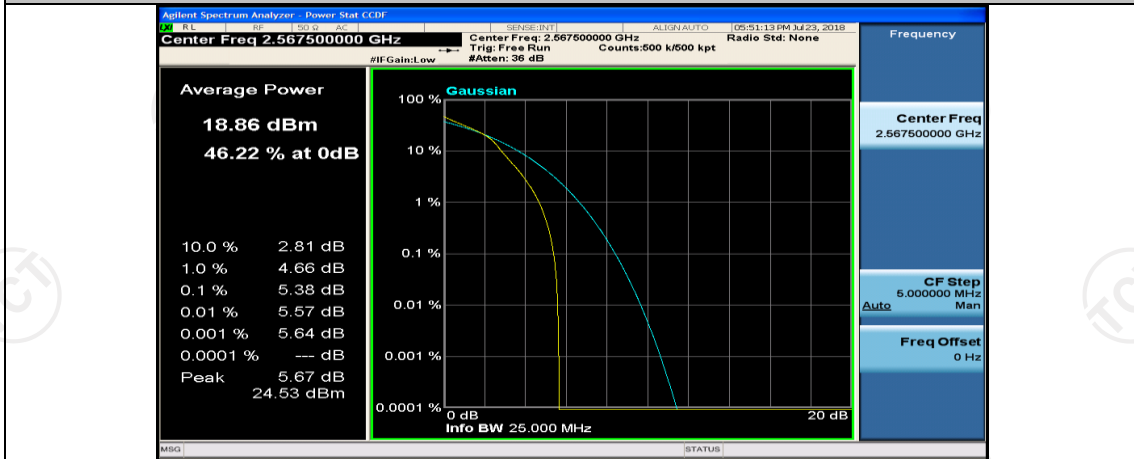
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#6



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

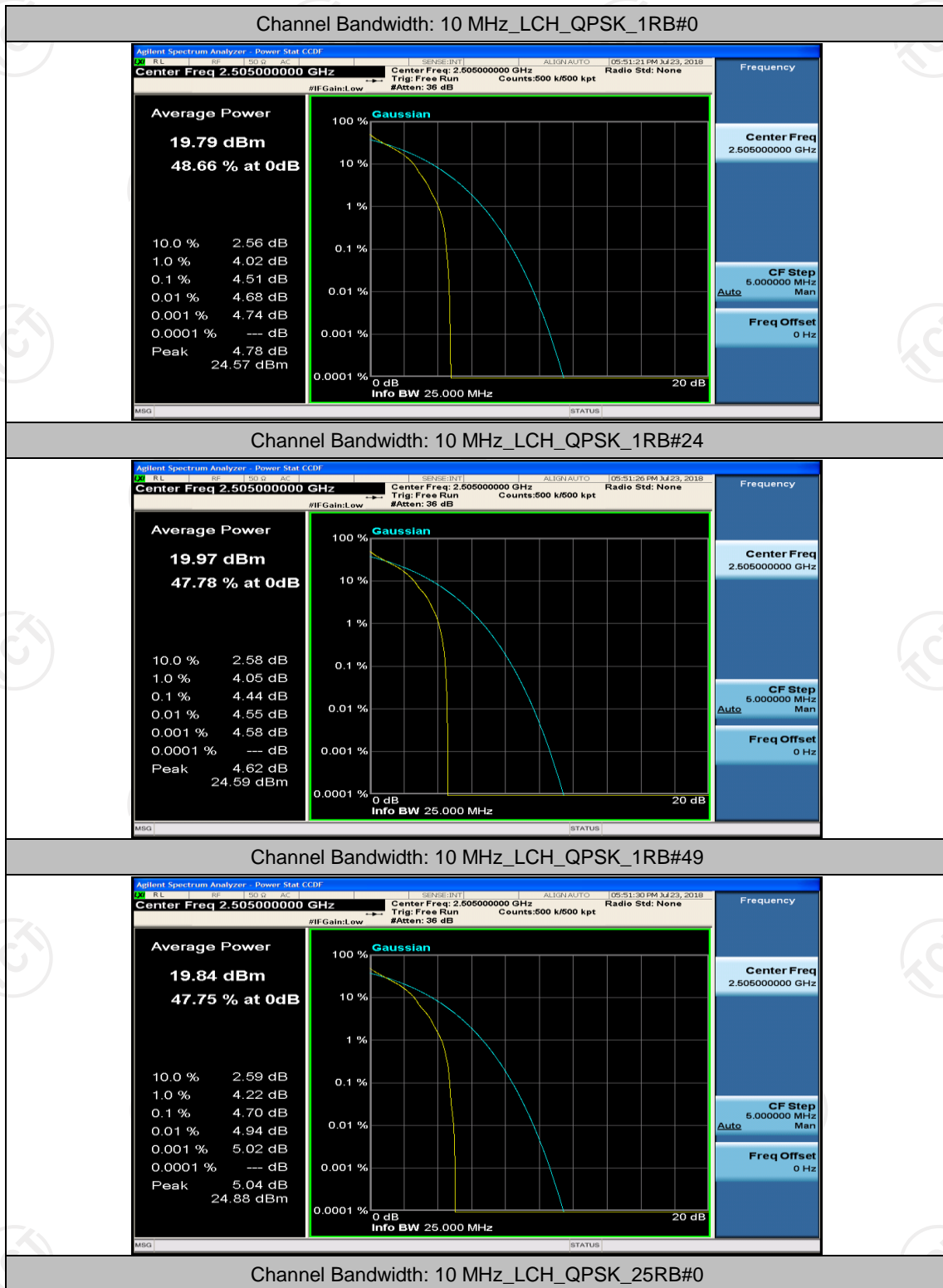


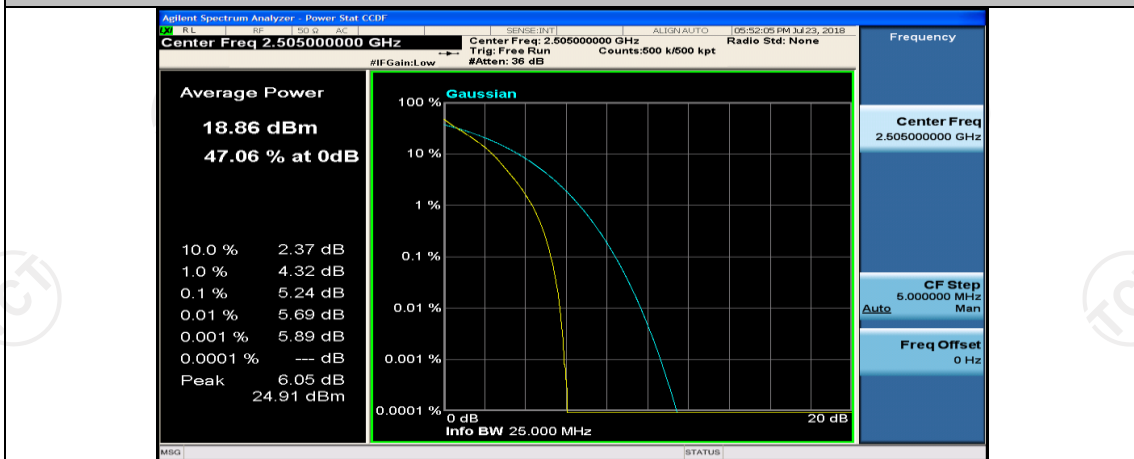
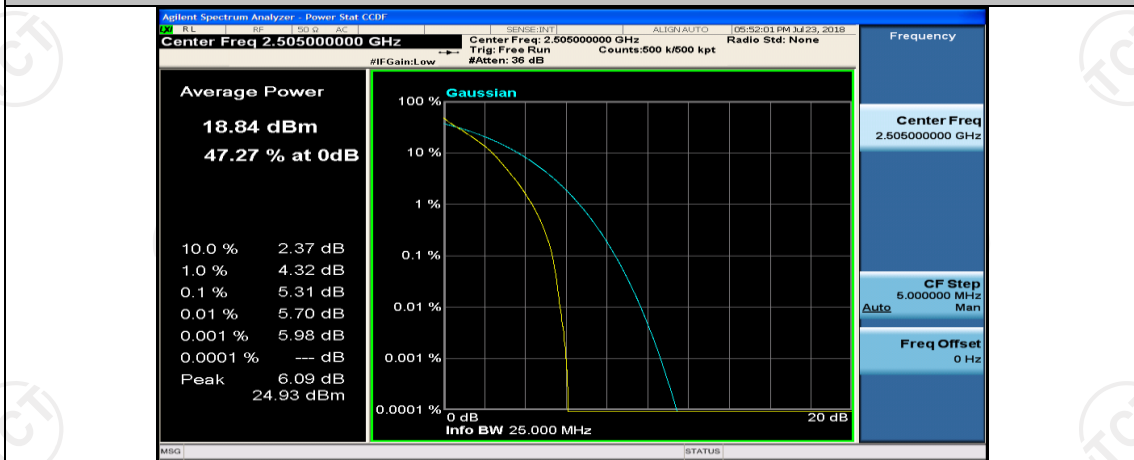
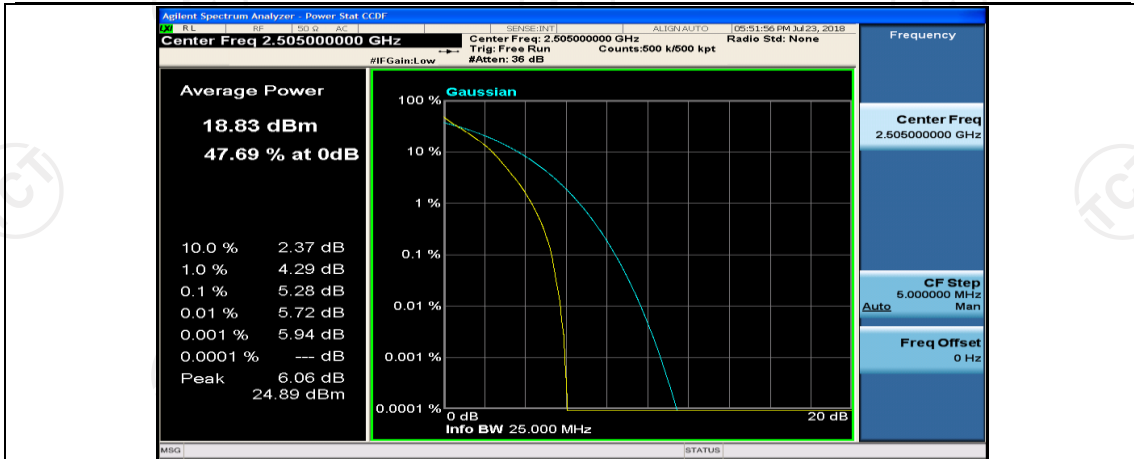
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0

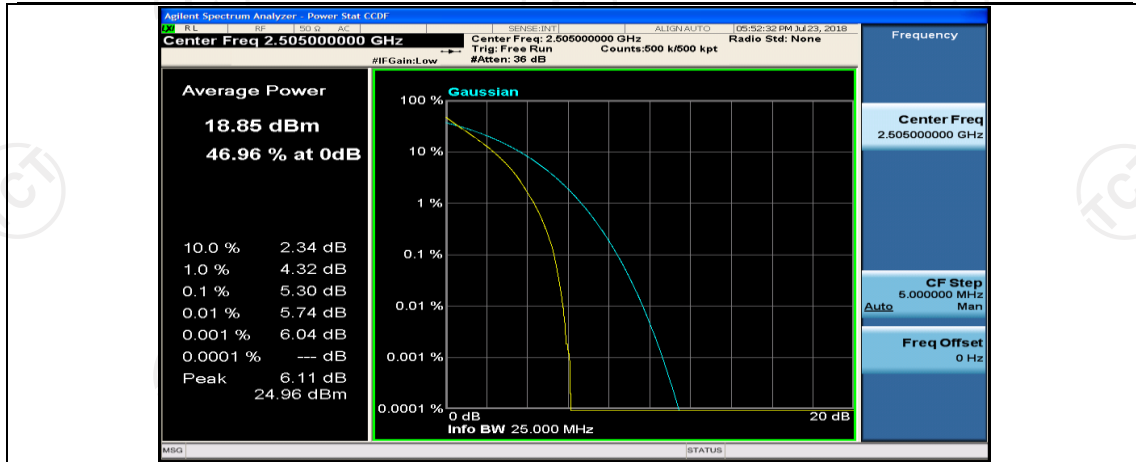




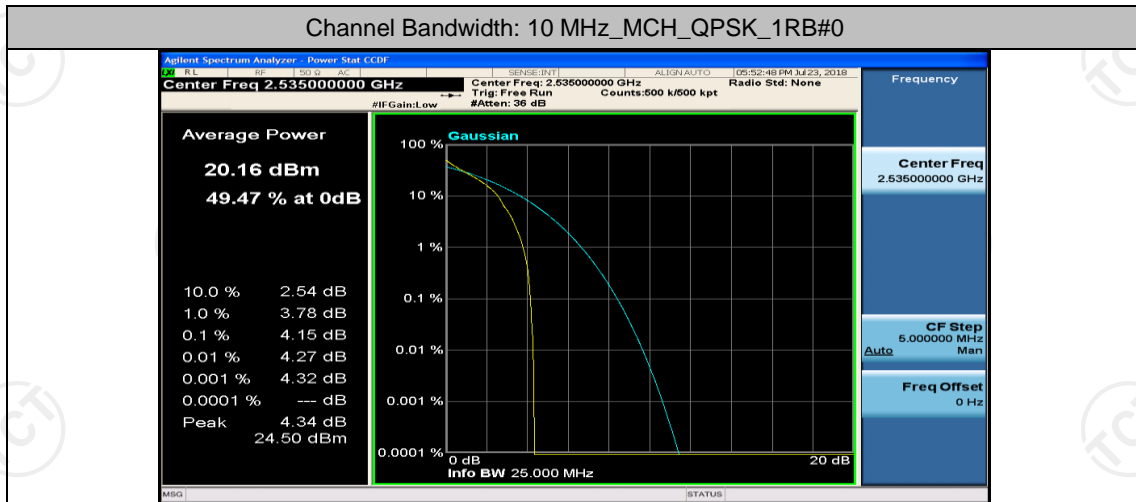
## Channel Bandwidth: 10 MHz



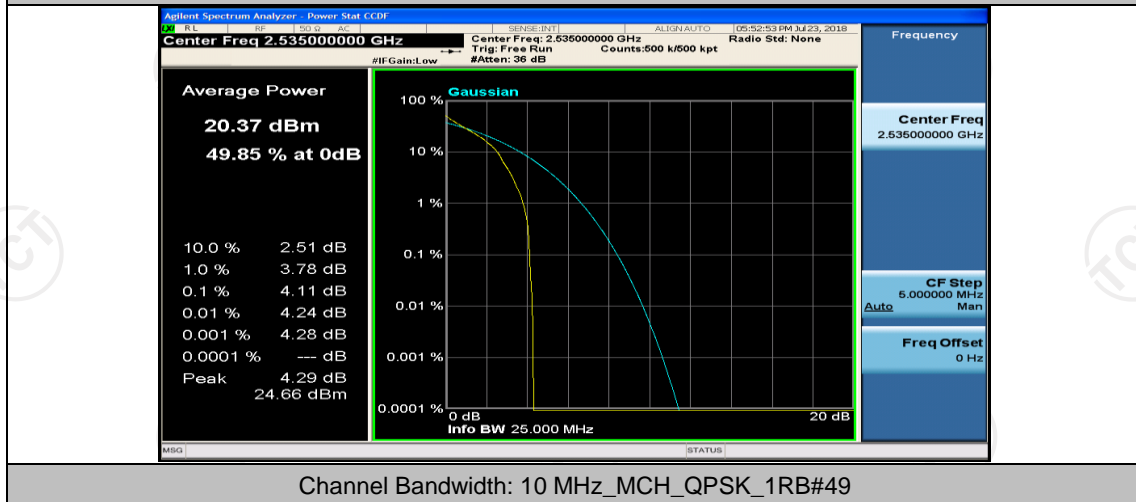




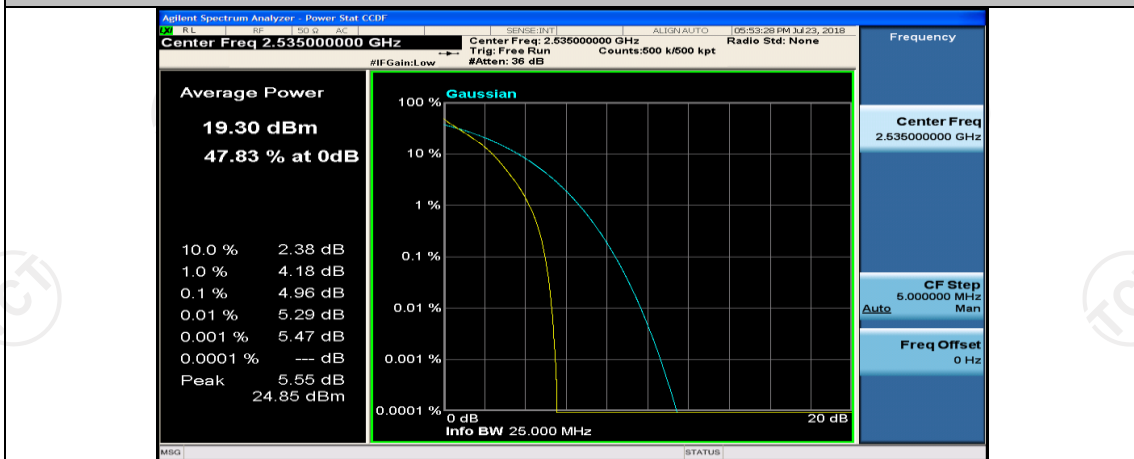
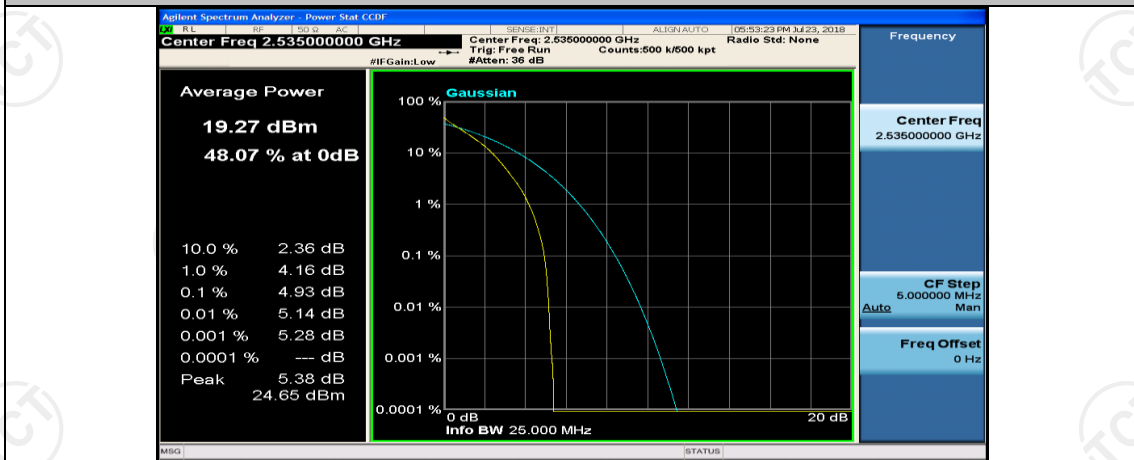
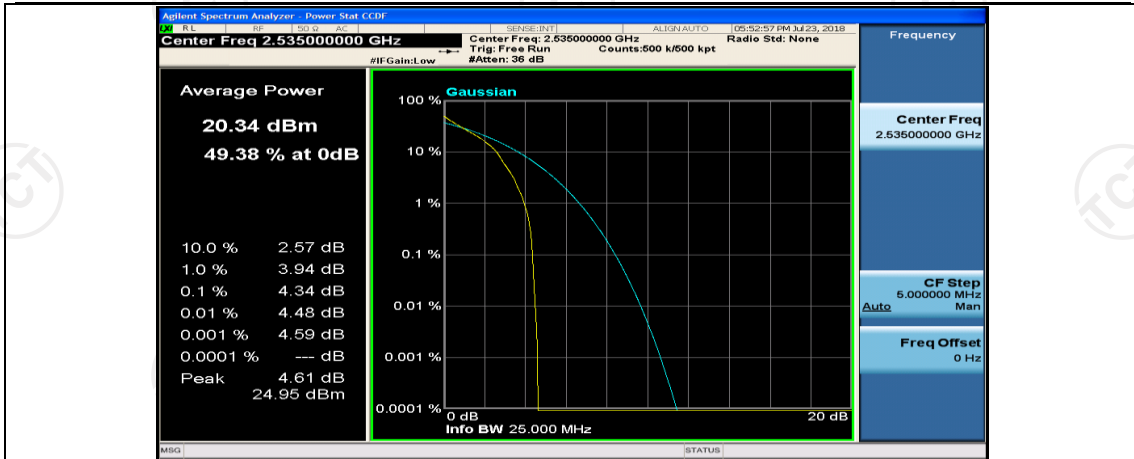
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#0

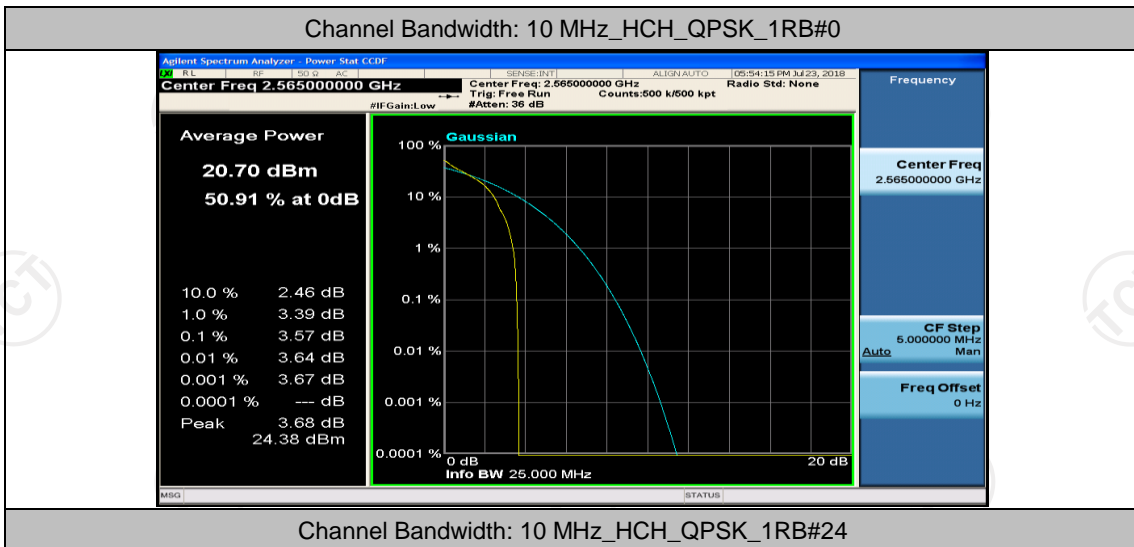
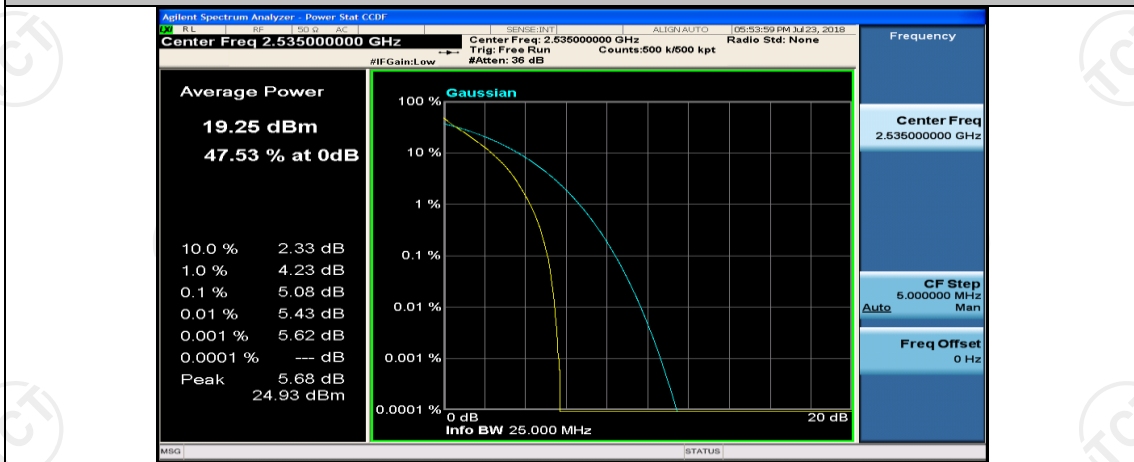
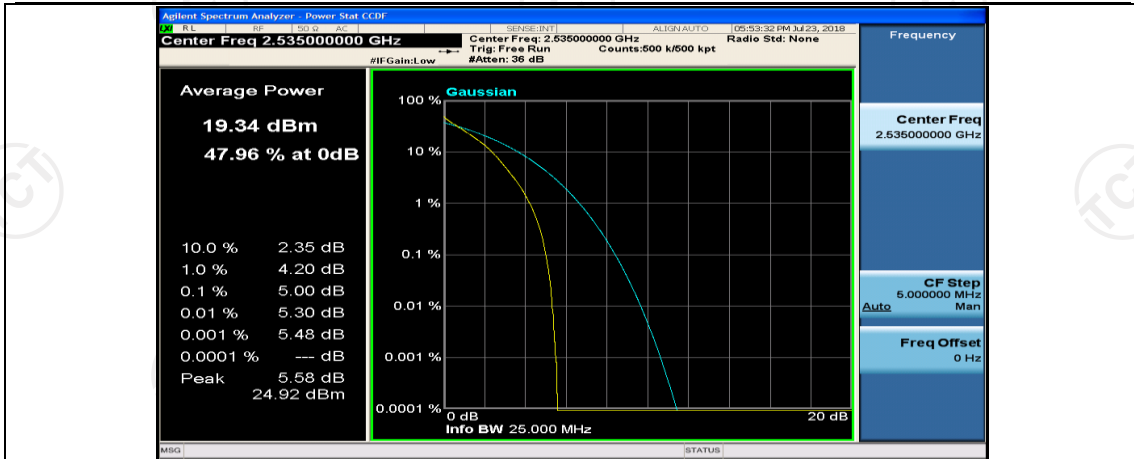


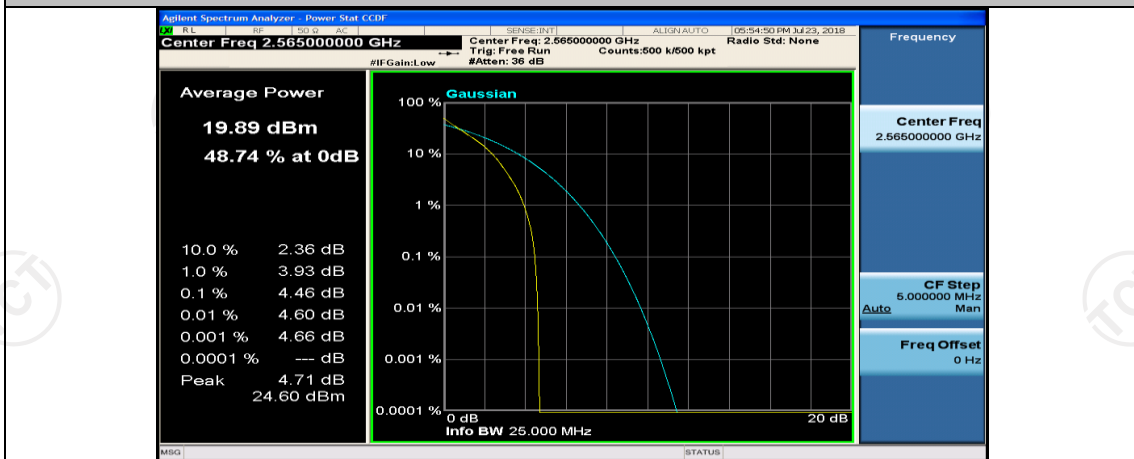
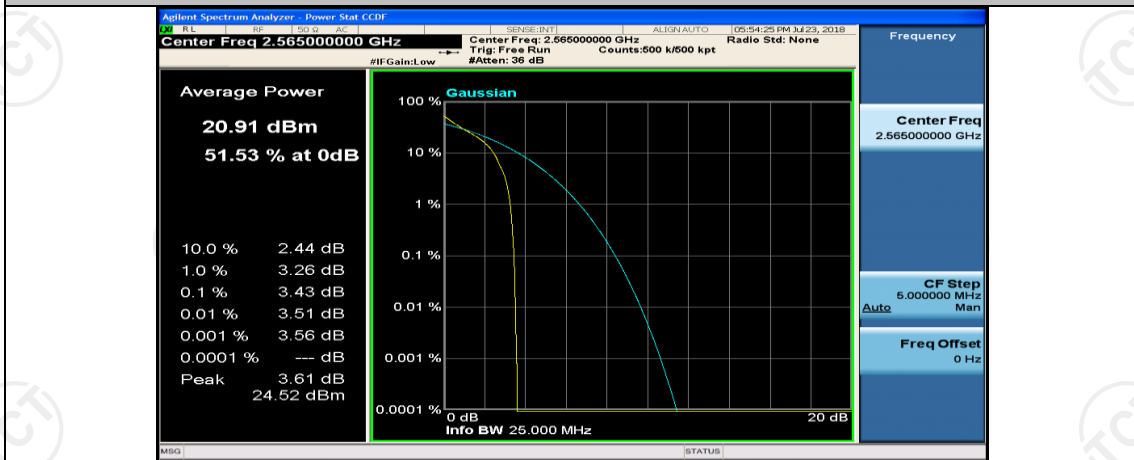
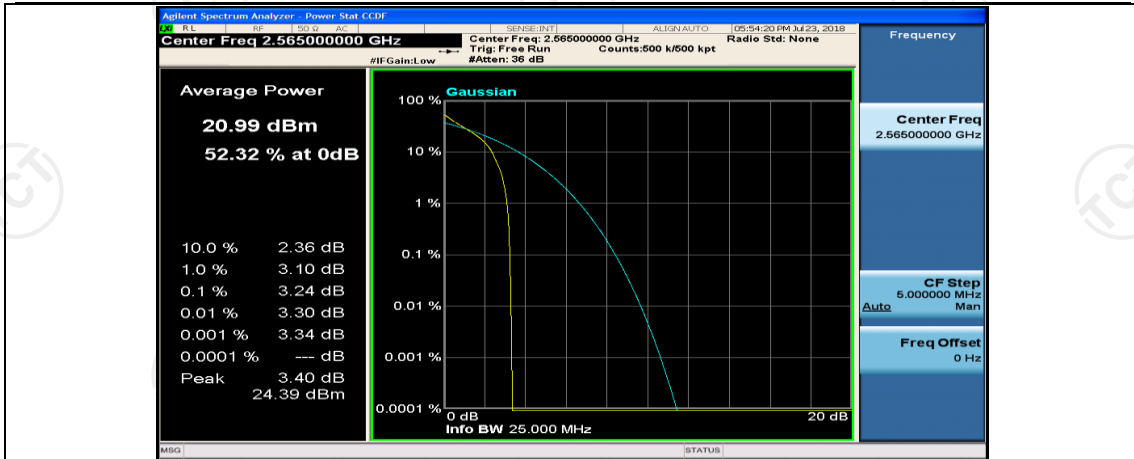
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#24

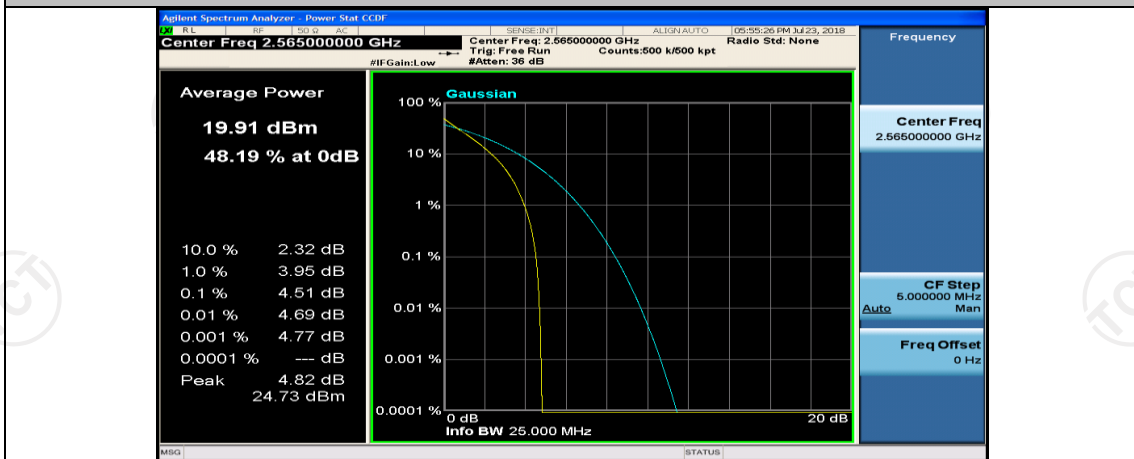
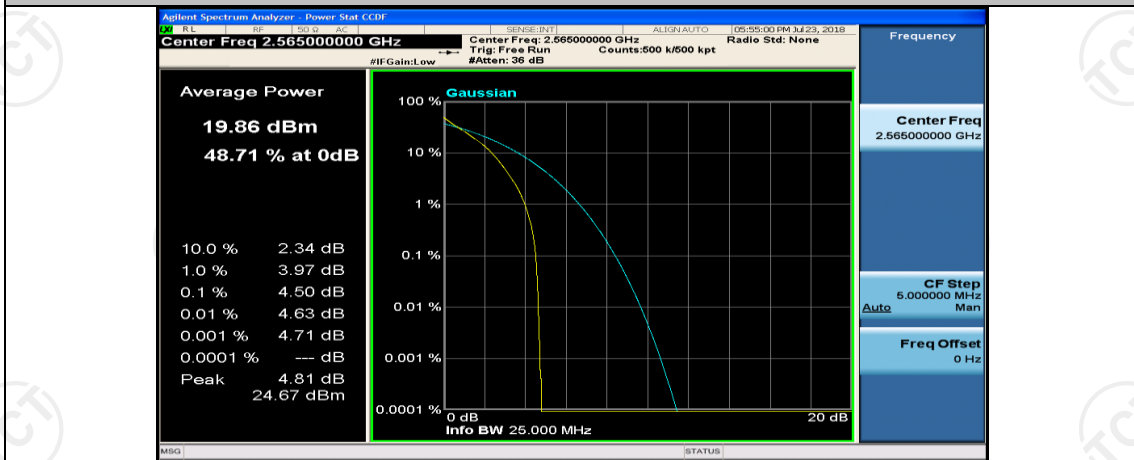
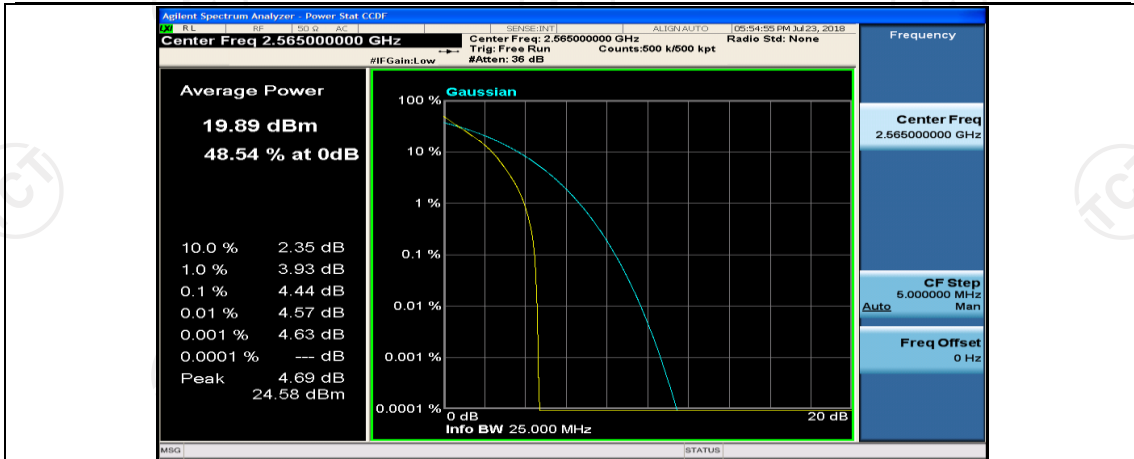


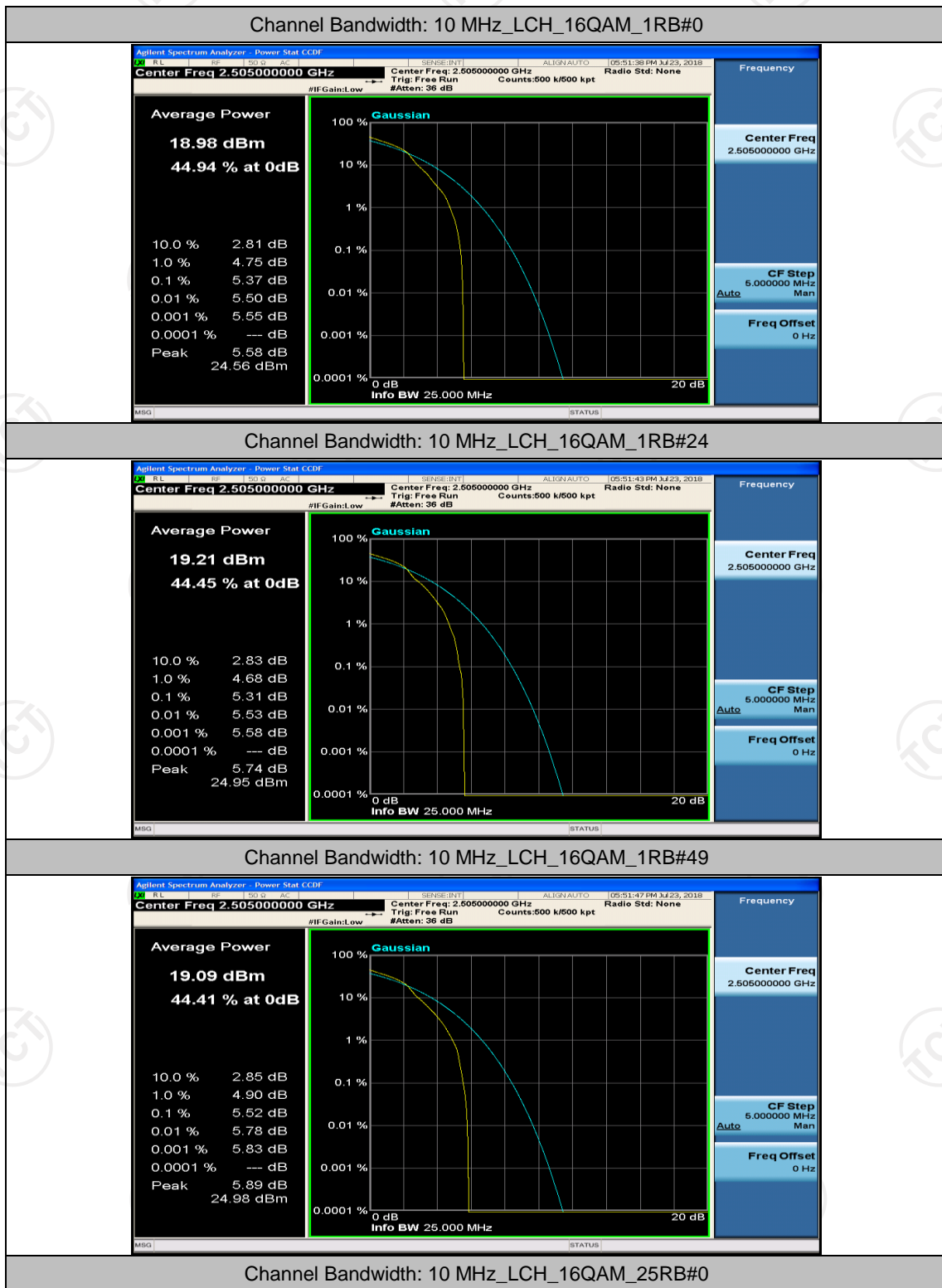
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#49



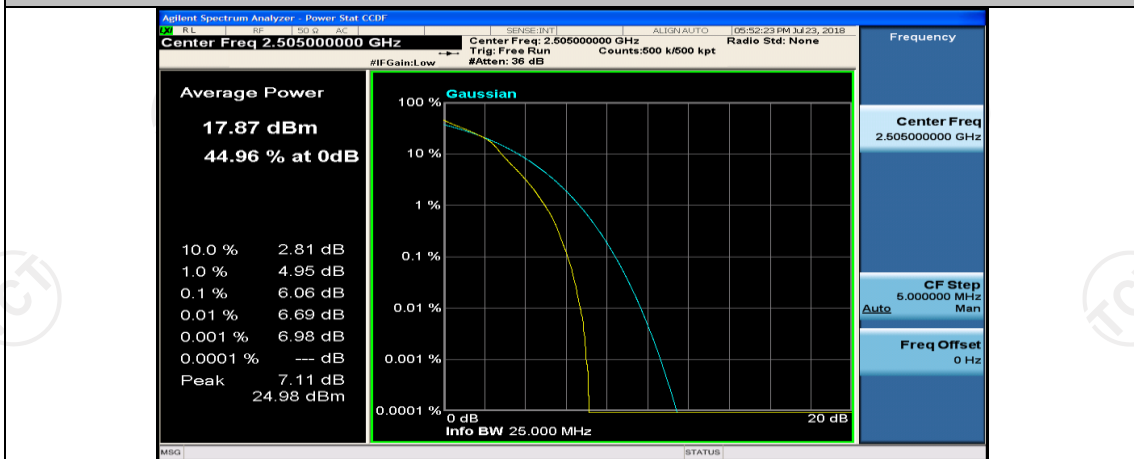
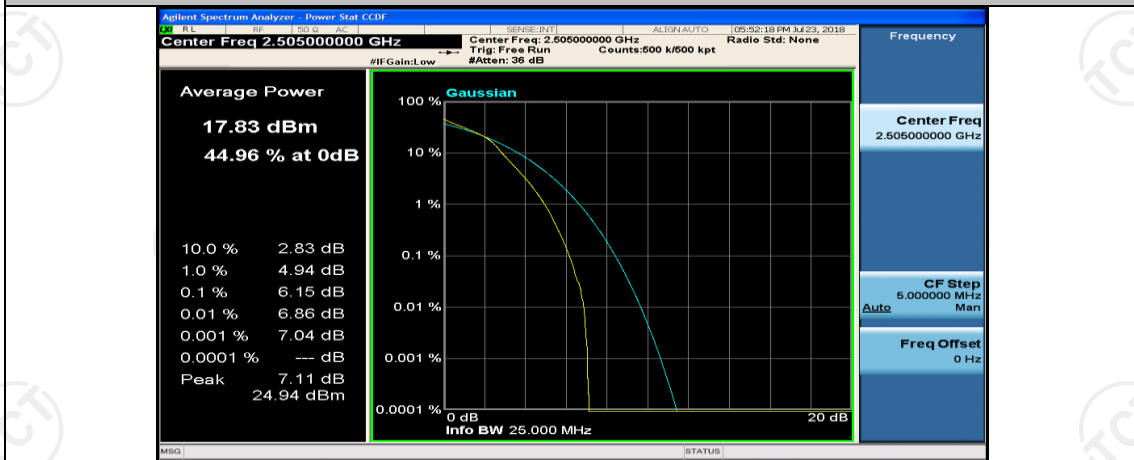
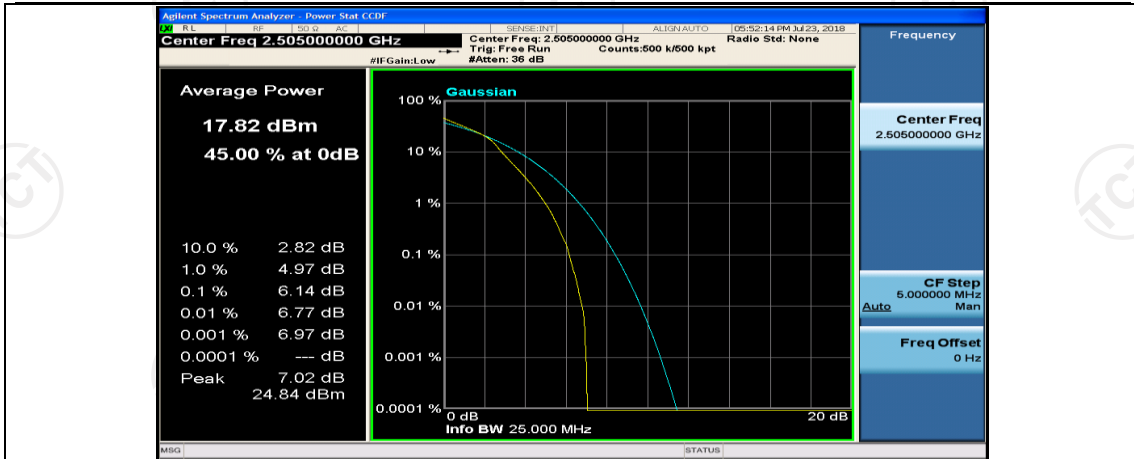


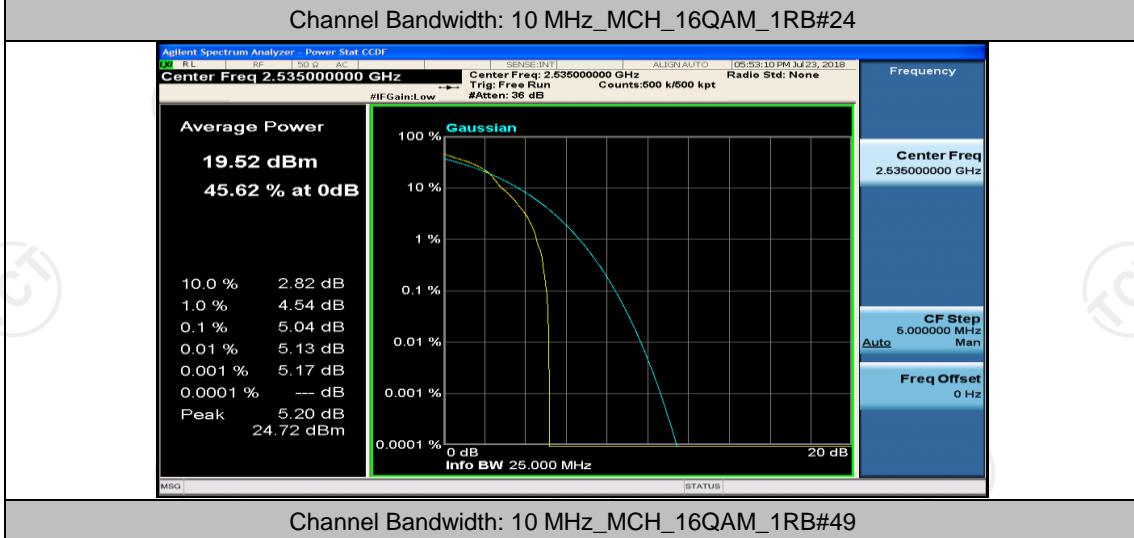
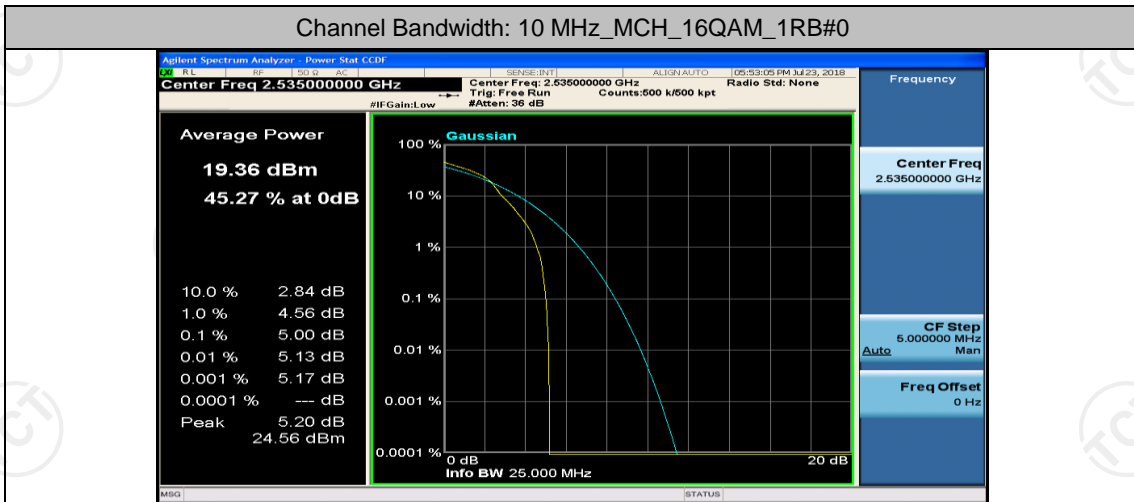
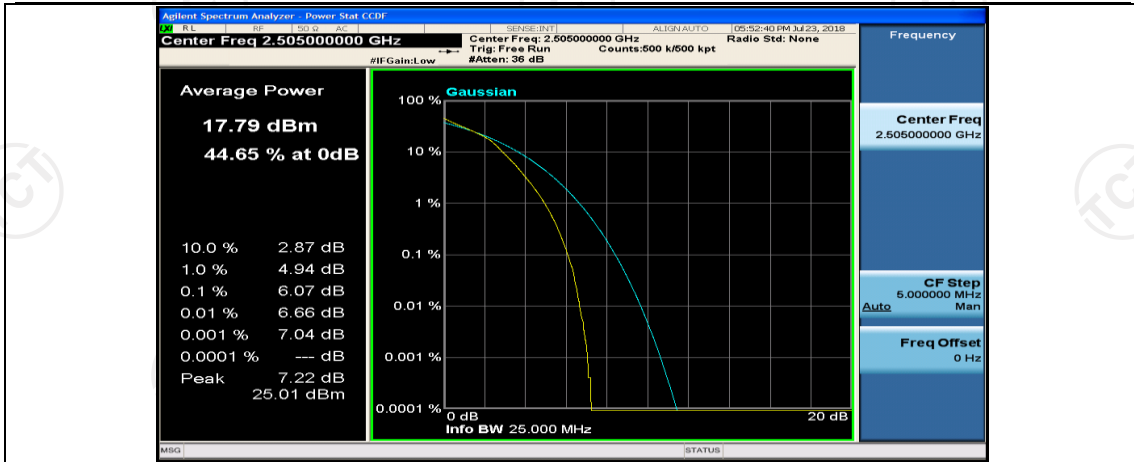


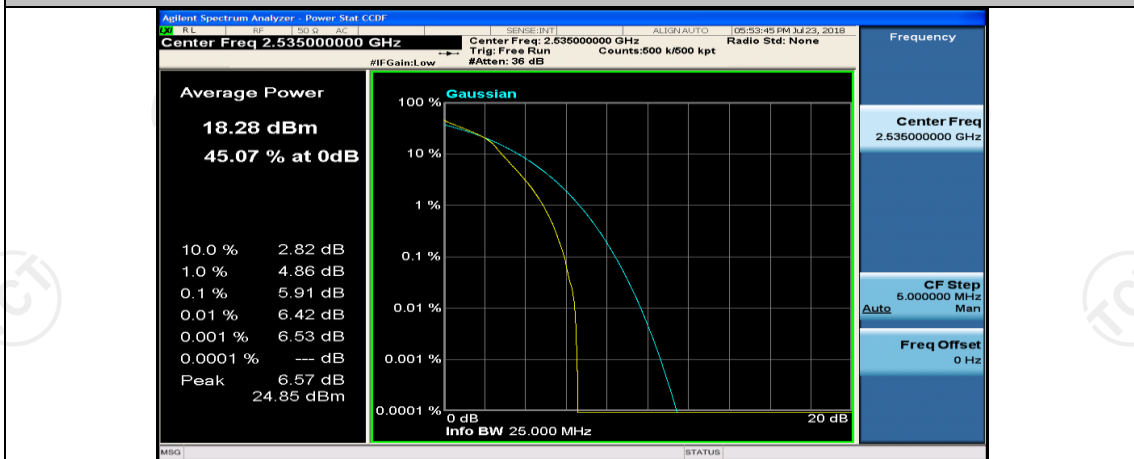
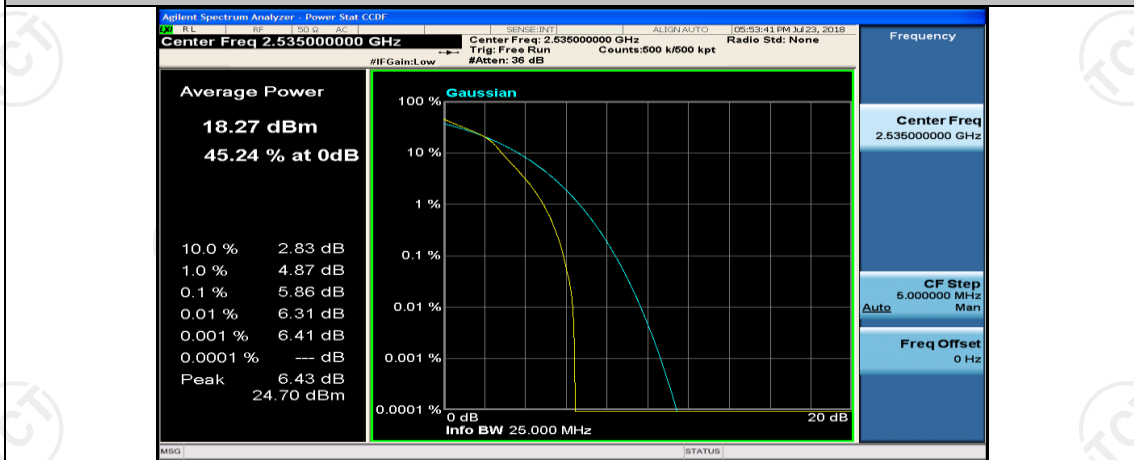
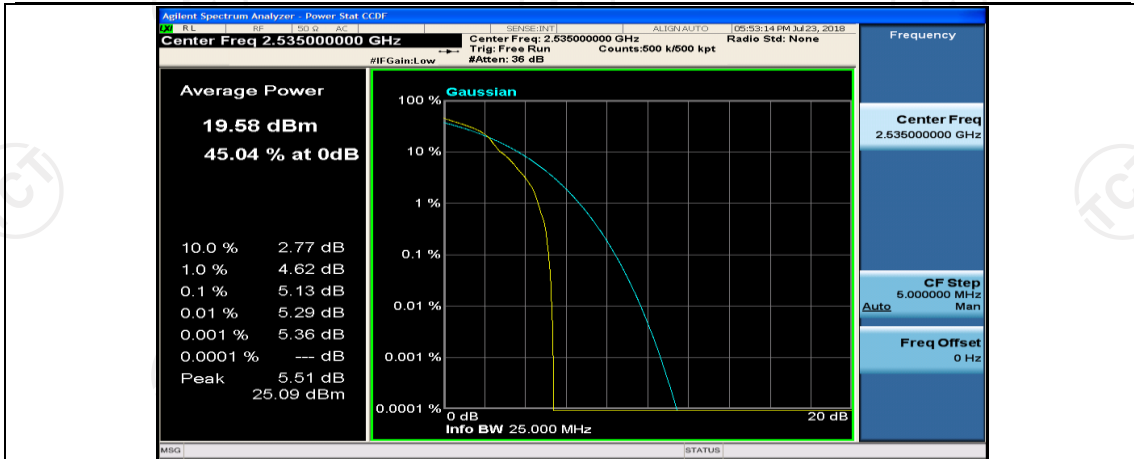


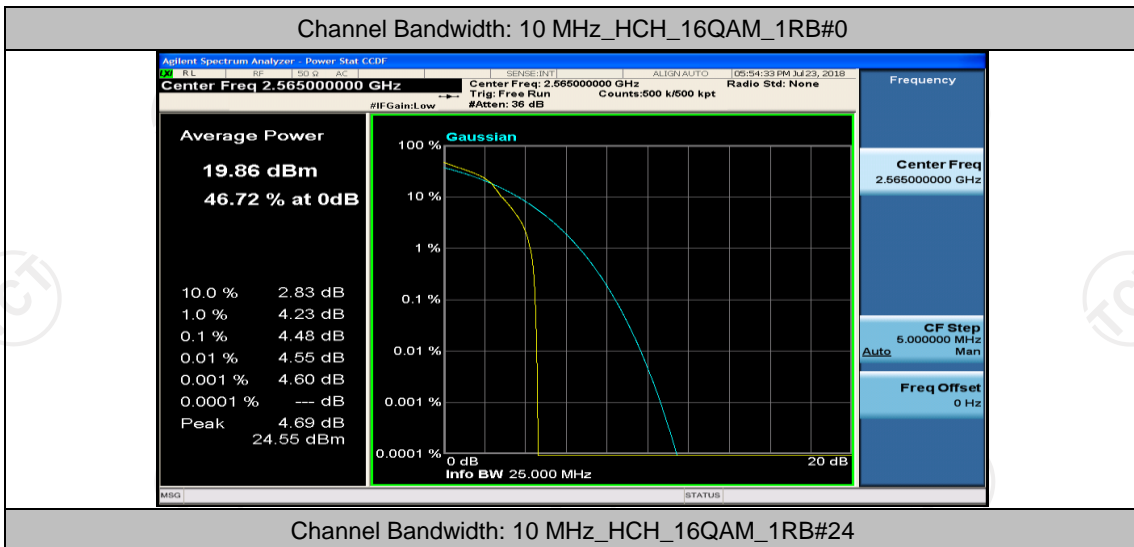
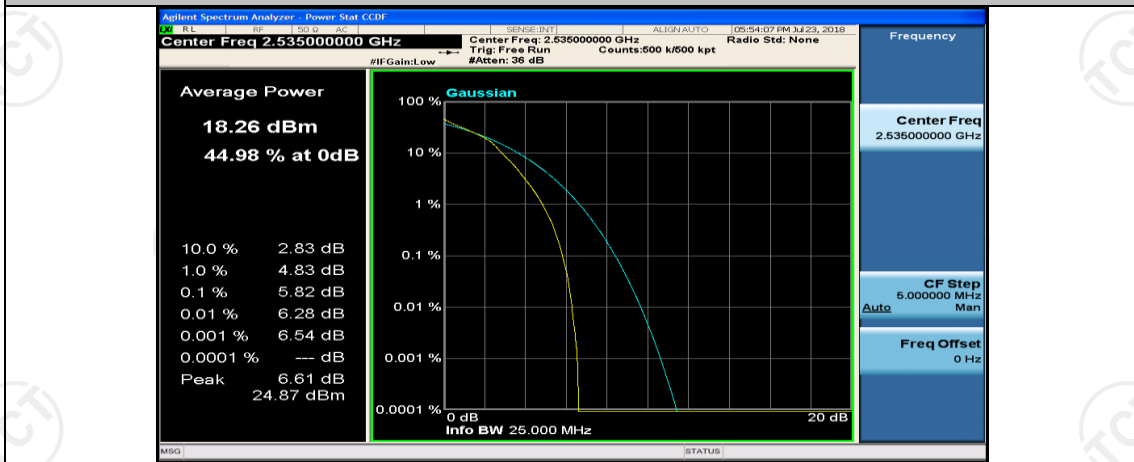
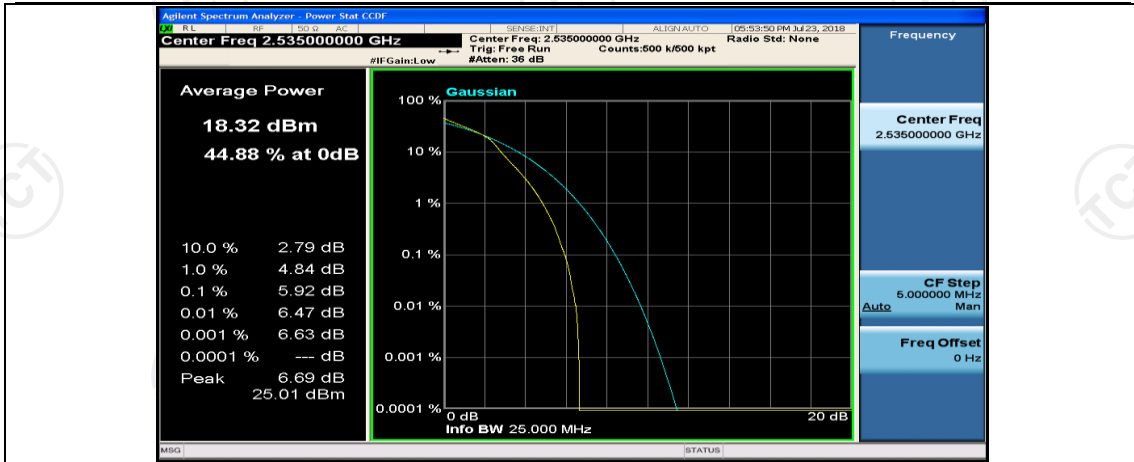


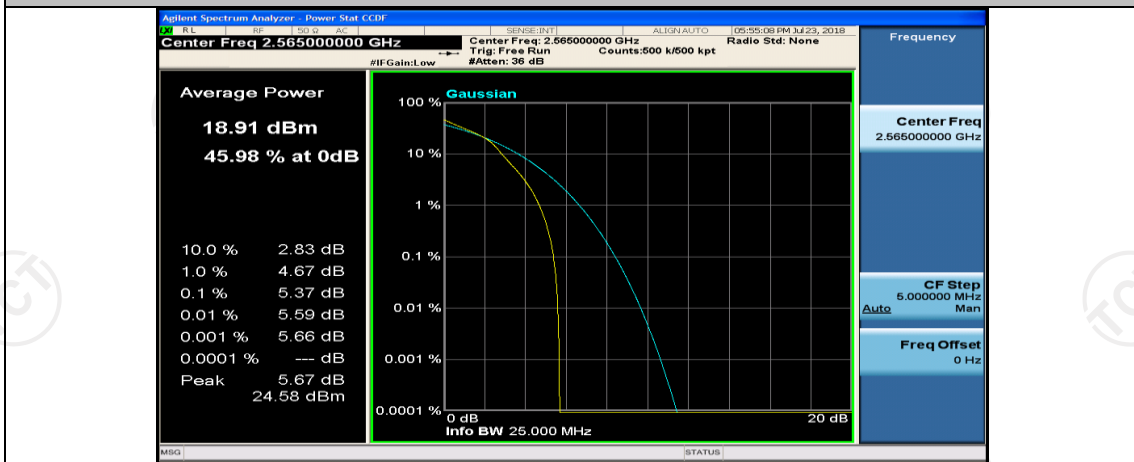
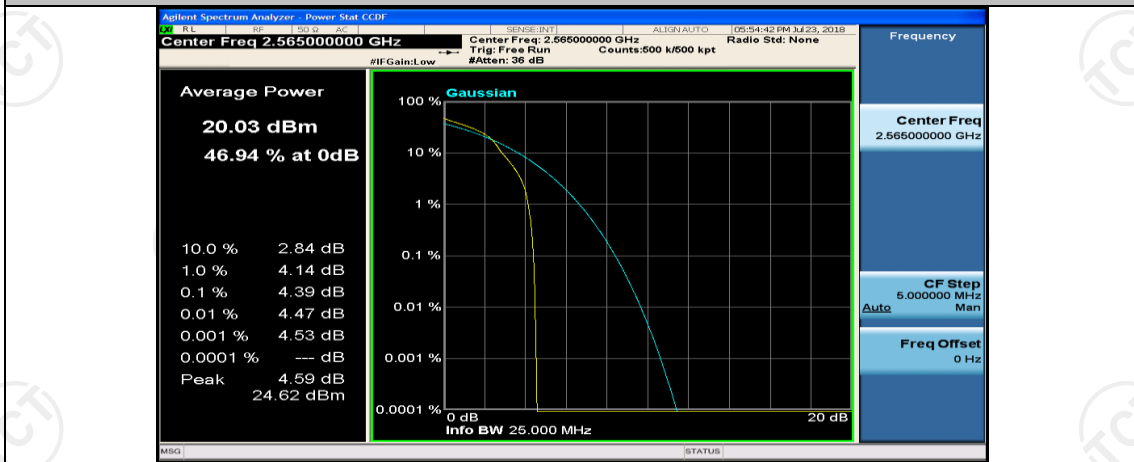
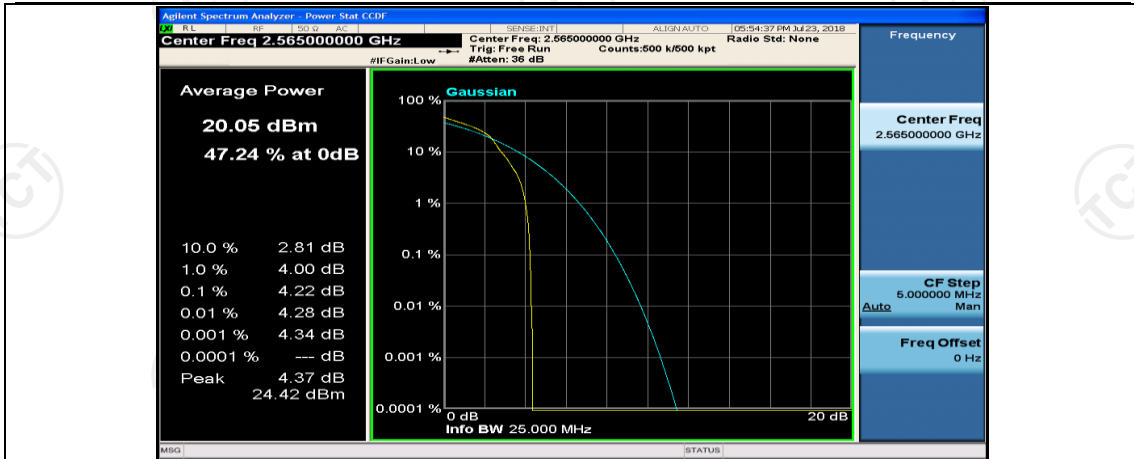


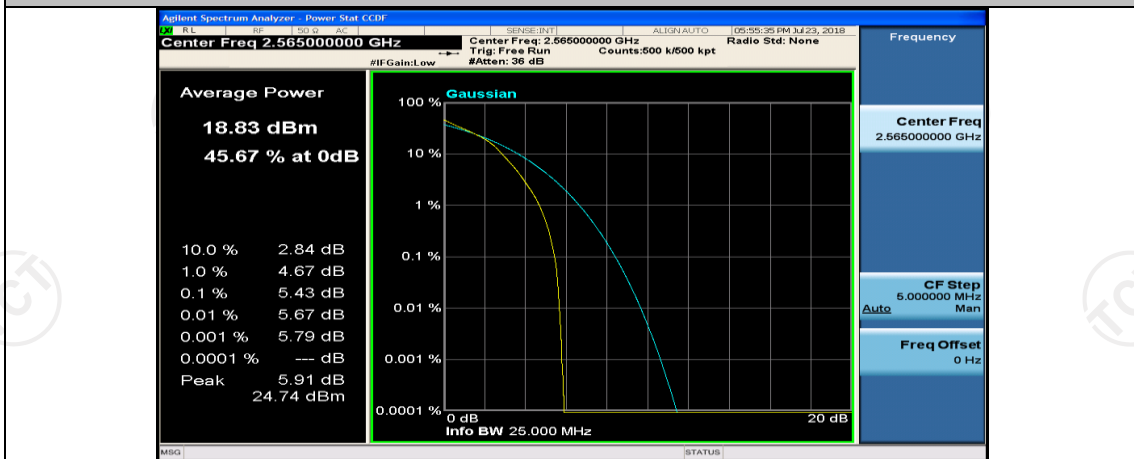
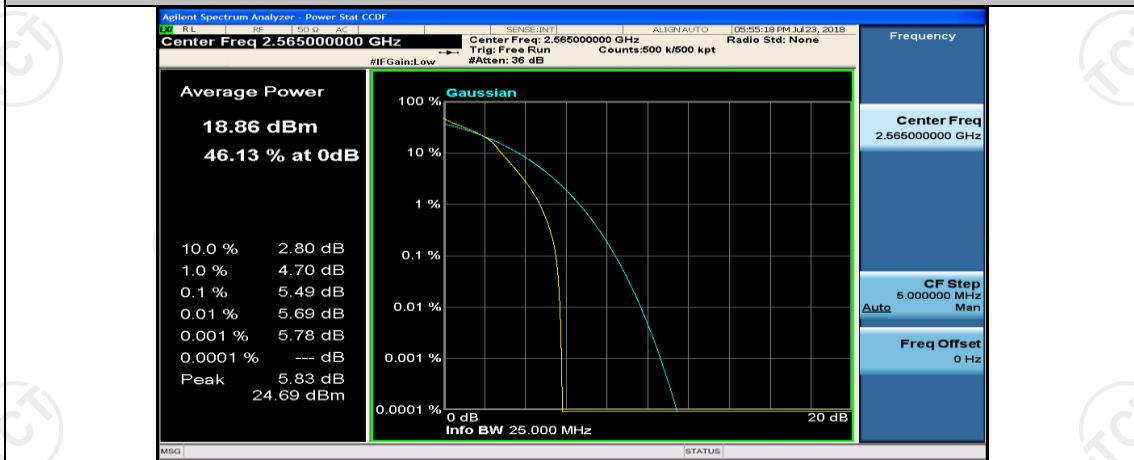
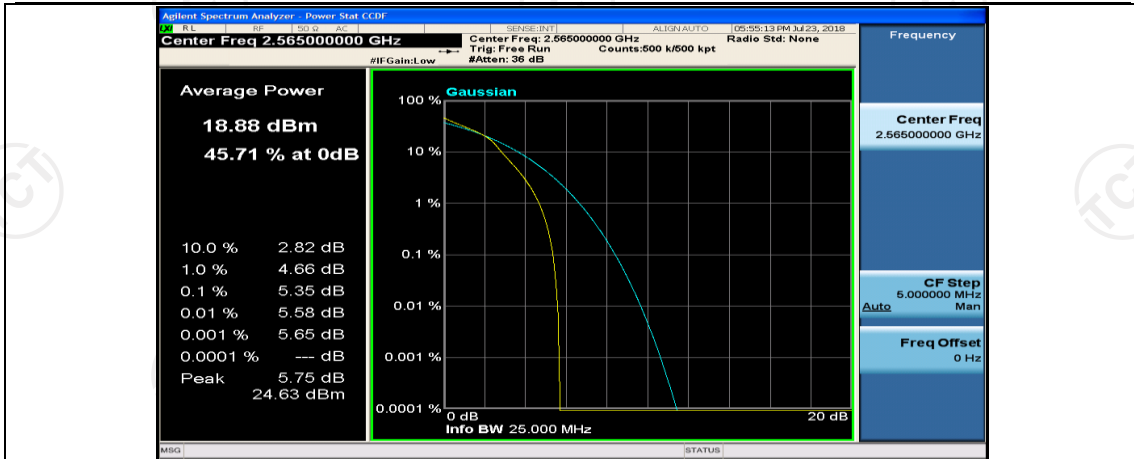




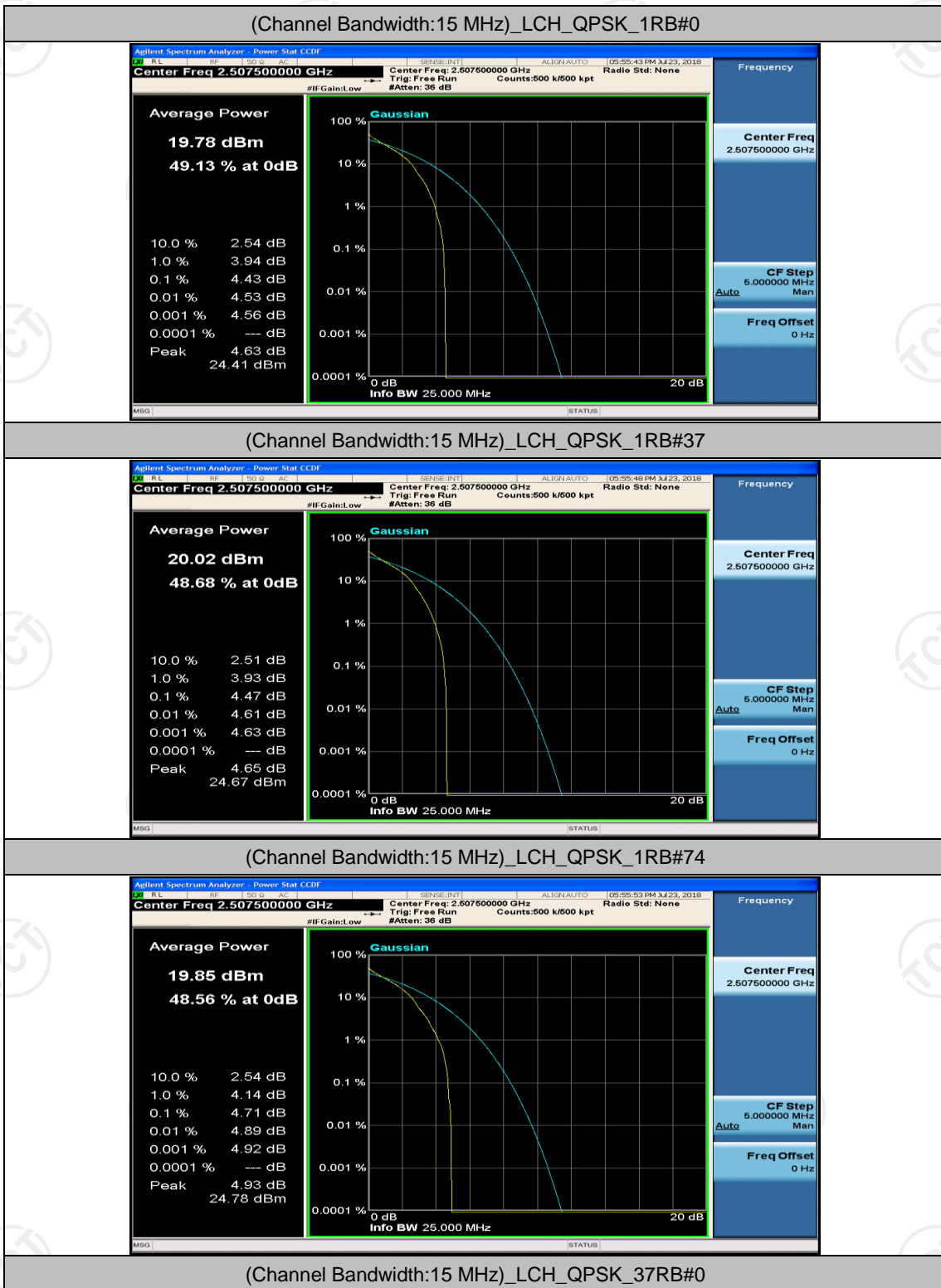


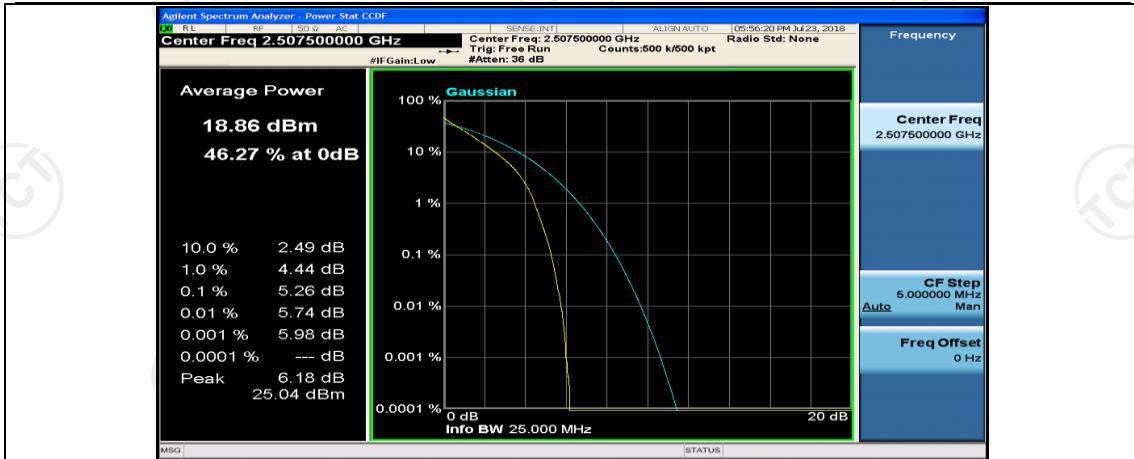






**Channel Bandwidth: 15 MHz**

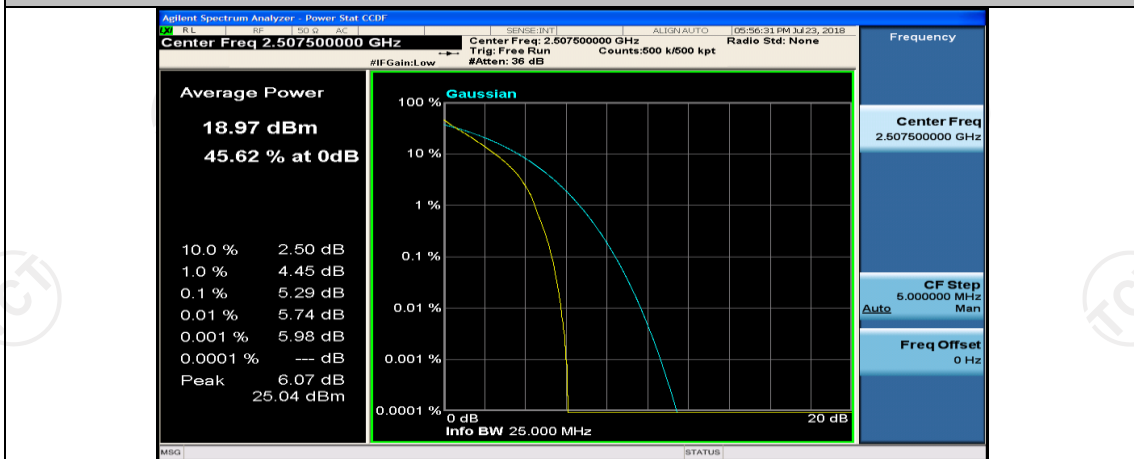




(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_37RB#18



(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_37RB#38



(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_75RB#0