

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	21.99	23.09	PASS
		1	12	22.09	23.19	PASS
		1	24	21.99	23.09	PASS
		12	0	21.03	22.13	PASS
		12	6	21.03	22.13	PASS
		12	13	21.06	22.16	PASS
		25	0	21.02	22.12	PASS
	MCH	1	0	21.93	23.03	PASS
		1	12	22.03	23.13	PASS
		1	24	21.92	23.02	PASS
		12	0	20.96	22.06	PASS
		12	6	20.98	22.08	PASS
		12	13	20.94	22.04	PASS
		25	0	21.00	22.10	PASS
	HCH	1	0	21.87	22.97	PASS
		1	12	21.94	23.04	PASS
		1	24	21.88	22.98	PASS
		12	0	20.85	21.95	PASS
		12	6	20.86	21.96	PASS
		12	13	20.88	21.98	PASS
		25	0	20.89	21.99	PASS
16QAM	LCH	1	0	20.98	22.08	PASS
		1	12	21.07	22.17	PASS
		1	24	20.95	22.05	PASS
		12	0	20.01	21.11	PASS
		12	6	20.01	21.11	PASS
		12	13	20.03	21.13	PASS
		25	0	20.06	21.16	PASS
	MCH	1	0	21.13	22.23	PASS
		1	12	21.25	22.35	PASS
		1	24	21.14	22.24	PASS
		12	0	20.00	21.10	PASS

		12	6	20.02	21.12	PASS
		12	13	19.99	21.09	PASS
		25	0	19.94	21.04	PASS
	HCH	1	0	20.88	21.98	PASS
		1	12	21.00	22.10	PASS
		1	24	20.93	22.03	PASS
		12	0	19.86	20.96	PASS
		12	6	19.88	20.98	PASS
		12	13	19.87	20.97	PASS
		25	0	19.90	21.00	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	22.03	23.13	PASS
		1	24	22.35	23.45	PASS
		1	49	22.03	23.13	PASS
		25	0	21.09	22.19	PASS
		25	12	21.08	22.18	PASS
		25	25	21.11	22.21	PASS
		50	0	21.08	22.18	PASS
	MCH	1	0	22.04	23.14	PASS
		1	24	22.32	23.42	PASS
		1	49	22.06	23.16	PASS
		25	0	21.06	22.16	PASS
		25	12	21.10	22.20	PASS
		25	25	21.03	22.13	PASS
		50	0	21.07	22.17	PASS
	HCH	1	0	21.91	23.01	PASS
		1	24	22.26	23.36	PASS
		1	49	21.95	23.05	PASS
		25	0	20.91	22.01	PASS
		25	12	20.91	22.01	PASS
		25	25	20.92	22.02	PASS
		50	0	20.94	22.04	PASS
16QAM	LCH	1	0	21.24	22.34	PASS
		1	24	21.53	22.63	PASS
		1	49	21.24	22.34	PASS
		25	0	20.06	21.16	PASS

		25	12	20.05	21.15	PASS
		25	25	20.10	21.20	PASS
		50	0	20.06	21.16	PASS
	MCH	1	0	21.11	22.21	PASS
		1	24	21.39	22.49	PASS
		1	49	21.10	22.20	PASS
		25	0	20.07	21.17	PASS
		25	12	20.06	21.16	PASS
		25	25	20.10	21.20	PASS
		50	0	20.05	21.15	PASS
	HCH	1	0	20.80	21.90	PASS
		1	24	21.08	22.18	PASS
		1	49	20.83	21.93	PASS
		25	0	19.95	21.05	PASS
		25	12	19.95	21.05	PASS
25		25	19.94	21.04	PASS	
50		0	19.88	20.98	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	21.96	23.06	PASS
		1	37	22.02	23.12	PASS
		1	74	22.00	23.10	PASS
		37	0	21.11	22.21	PASS
		37	18	21.11	22.21	PASS
		37	38	21.14	22.24	PASS
		75	0	21.10	22.20	PASS
	MCH	1	0	21.97	23.07	PASS
		1	37	22.04	23.14	PASS
		1	74	21.91	23.01	PASS
		37	0	21.00	22.10	PASS
		37	18	21.04	22.14	PASS
		37	38	21.03	22.13	PASS
		75	0	21.01	22.11	PASS
	HCH	1	0	21.86	22.96	PASS
		1	37	21.98	23.08	PASS
		1	74	21.91	23.01	PASS
		37	0	20.95	22.05	PASS

16QAM		37	18	20.94	22.04	PASS
		37	38	20.96	22.06	PASS
		75	0	20.95	22.05	PASS
	LCH	1	0	21.11	22.21	PASS
		1	37	21.22	22.32	PASS
		1	74	21.18	22.28	PASS
		37	0	21.12	22.22	PASS
		37	18	21.11	22.21	PASS
		37	38	21.10	22.20	PASS
		75	0	20.04	21.14	PASS
	MCH	1	0	21.13	22.23	PASS
		1	37	21.21	22.31	PASS
		1	74	21.10	22.20	PASS
		37	0	21.02	22.12	PASS
		37	18	21.05	22.15	PASS
		37	38	21.02	22.12	PASS
		75	0	20.03	21.13	PASS
	HCH	1	0	20.73	21.83	PASS
		1	37	20.86	21.96	PASS
		1	74	20.77	21.87	PASS
		37	0	20.96	22.06	PASS
37		18	20.95	22.05	PASS	
37		38	20.96	22.06	PASS	
75		0	19.90	21.00	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	21.78	22.88	PASS
		1	49	22.28	23.38	PASS
		1	99	21.82	22.92	PASS
		50	0	20.94	22.04	PASS
		50	25	20.94	22.04	PASS
		50	50	21.09	22.19	PASS
		100	0	21.05	22.15	PASS
	MCH	1	0	21.84	22.94	PASS
		1	49	22.32	23.42	PASS
		1	99	21.80	22.90	PASS
		50	0	20.93	22.03	PASS

		50	25	20.93	22.03	PASS
		50	50	20.96	22.06	PASS
		100	0	20.97	22.07	PASS
	HCH	1	0	21.60	22.70	PASS
		1	49	22.11	23.21	PASS
		1	99	21.71	22.81	PASS
		50	0	20.86	21.96	PASS
		50	25	20.86	21.96	PASS
		50	50	20.86	21.96	PASS
		100	0	20.87	21.97	PASS
16QAM	LCH	1	0	20.84	21.94	PASS
		1	49	21.33	22.43	PASS
		1	99	20.94	22.04	PASS
		50	0	19.93	21.03	PASS
		50	25	19.94	21.04	PASS
		50	50	20.06	21.16	PASS
		100	0	20.03	21.13	PASS
	MCH	1	0	21.00	22.10	PASS
		1	49	21.50	22.60	PASS
		1	99	20.99	22.09	PASS
		50	0	19.96	21.06	PASS
		50	25	19.97	21.07	PASS
		50	50	19.97	21.07	PASS
		100	0	19.99	21.09	PASS
	HCH	1	0	20.55	21.65	PASS
		1	49	21.09	22.19	PASS
		1	99	20.65	21.75	PASS
		50	0	19.90	21.00	PASS
		50	25	19.90	21.00	PASS
		50	50	19.87	20.97	PASS
		100	0	19.84	20.94	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	7.26	<13	PASS
		1	12	9.4	<13	PASS
		1	24	9.38	<13	PASS
		12	0	9.12	<13	PASS
		12	6	9.86	<13	PASS
		12	13	9.33	<13	PASS
		25	0	9.39	<13	PASS
	MCH	1	0	7.78	<13	PASS
		1	12	8.64	<13	PASS
		1	24	9.39	<13	PASS
		12	0	8.48	<13	PASS
		12	6	8.95	<13	PASS
		12	13	7.45	<13	PASS
		25	0	11.25	<13	PASS
	HCH	1	0	7.64	<13	PASS
		1	12	8.36	<13	PASS
		1	24	6.83	<13	PASS
		12	0	7.73	<13	PASS
		12	6	7.34	<13	PASS
		12	13	11.15	<13	PASS
		25	0	9.12	<13	PASS
16QAM	LCH	1	0	10.94	<13	PASS
		1	12	8.48	<13	PASS
		1	24	9.24	<13	PASS
		12	0	11.09	<13	PASS
		12	6	9.6	<13	PASS
		12	13	10.68	<13	PASS
		25	0	9.63	<13	PASS
	MCH	1	0	8.2	<13	PASS

		1	12	10.43	<13	PASS
		1	24	8.18	<13	PASS
		12	0	9.84	<13	PASS
		12	6	10.93	<13	PASS
		12	13	10.21	<13	PASS
		25	0	10.57	<13	PASS
	HCH	1	0	9.31	<13	PASS
		1	12	8.39	<13	PASS
		1	24	9.37	<13	PASS
		12	0	10.2	<13	PASS
		12	6	9.69	<13	PASS
		12	13	9.3	<13	PASS
		25	0	10.82	<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	9.56	<13	PASS	
		1	24	9.42	<13	PASS	
		1	49	9.27	<13	PASS	
		25	0	9.76	<13	PASS	
		25	12	8.83	<13	PASS	
		25	25	10.57	<13	PASS	
		50	0	8.37	<13	PASS	
	MCH	1	0	12	<13	PASS	
		1	24	7.55	<13	PASS	
		1	49	7.27	<13	PASS	
		25	0	10.32	<13	PASS	
		25	12	9.82	<13	PASS	
		25	25	9.02	<13	PASS	
		50	0	9.57	<13	PASS	
		HCH	1	0	9.08	<13	PASS
			1	24	8.84	<13	PASS
			1	49	8.91	<13	PASS
	25		0	7.94	<13	PASS	
	25		12	9.99	<13	PASS	
	25		25	10.65	<13	PASS	
	50		0	8.52	<13	PASS	
16QAM	LCH	1	0	8.74	<13	PASS	

		1	24	10.21	<13	PASS
		1	49	8.31	<13	PASS
		25	0	11.6	<13	PASS
		25	12	11.97	<13	PASS
		25	25	10.24	<13	PASS
		50	0	9.07	<13	PASS
	MCH	1	0	7.18	<13	PASS
		1	24	8.9	<13	PASS
		1	49	10.16	<13	PASS
		25	0	11.45	<13	PASS
		25	12	8.46	<13	PASS
		25	25	10.34	<13	PASS
	HCH	50	0	9.95	<13	PASS
		1	0	9.93	<13	PASS
		1	24	8.29	<13	PASS
		1	49	8.74	<13	PASS
		25	0	10.98	<13	PASS
		25	12	8.28	<13	PASS
		25	25	7.8	<13	PASS
	50	0	9.08	<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	8.33	<13	PASS
		1	37	8	<13	PASS
		1	74	9.47	<13	PASS
		37	0	8.44	<13	PASS
		37	18	8.77	<13	PASS
		37	38	9.75	<13	PASS
		75	0	9.42	<13	PASS
	MCH	1	0	8.51	<13	PASS
		1	37	9.61	<13	PASS
		1	74	9.37	<13	PASS
		37	0	10.93	<13	PASS
		37	18	11.84	<13	PASS
		37	38	8.43	<13	PASS
		75	0	10	<13	PASS
	HCH	1	0	7.95	<13	PASS

		1	37	10.82	<13	PASS
		1	74	8.89	<13	PASS
		37	0	10.31	<13	PASS
		37	18	8.16	<13	PASS
		37	38	8.69	<13	PASS
		75	0	11.5	<13	PASS
		16QAM	LCH	1	0	8.63
1	37			8.94	<13	PASS
1	74			9.96	<13	PASS
37	0			10.36	<13	PASS
37	18			9.57	<13	PASS
37	38			10.42	<13	PASS
75	0			9.7	<13	PASS
MCH	1		0	10.12	<13	PASS
	1		37	10.14	<13	PASS
	1		74	11.03	<13	PASS
	37		0	10.1	<13	PASS
	37		18	9.49	<13	PASS
	37		38	10.97	<13	PASS
	75		0	9.42	<13	PASS
HCH	1		0	10.36	<13	PASS
	1		37	10.77	<13	PASS
	1		74	8.98	<13	PASS
	37		0	10.3	<13	PASS
	37		18	10.3	<13	PASS
	37		38	9.46	<13	PASS
	75		0	9.93	<13	PASS

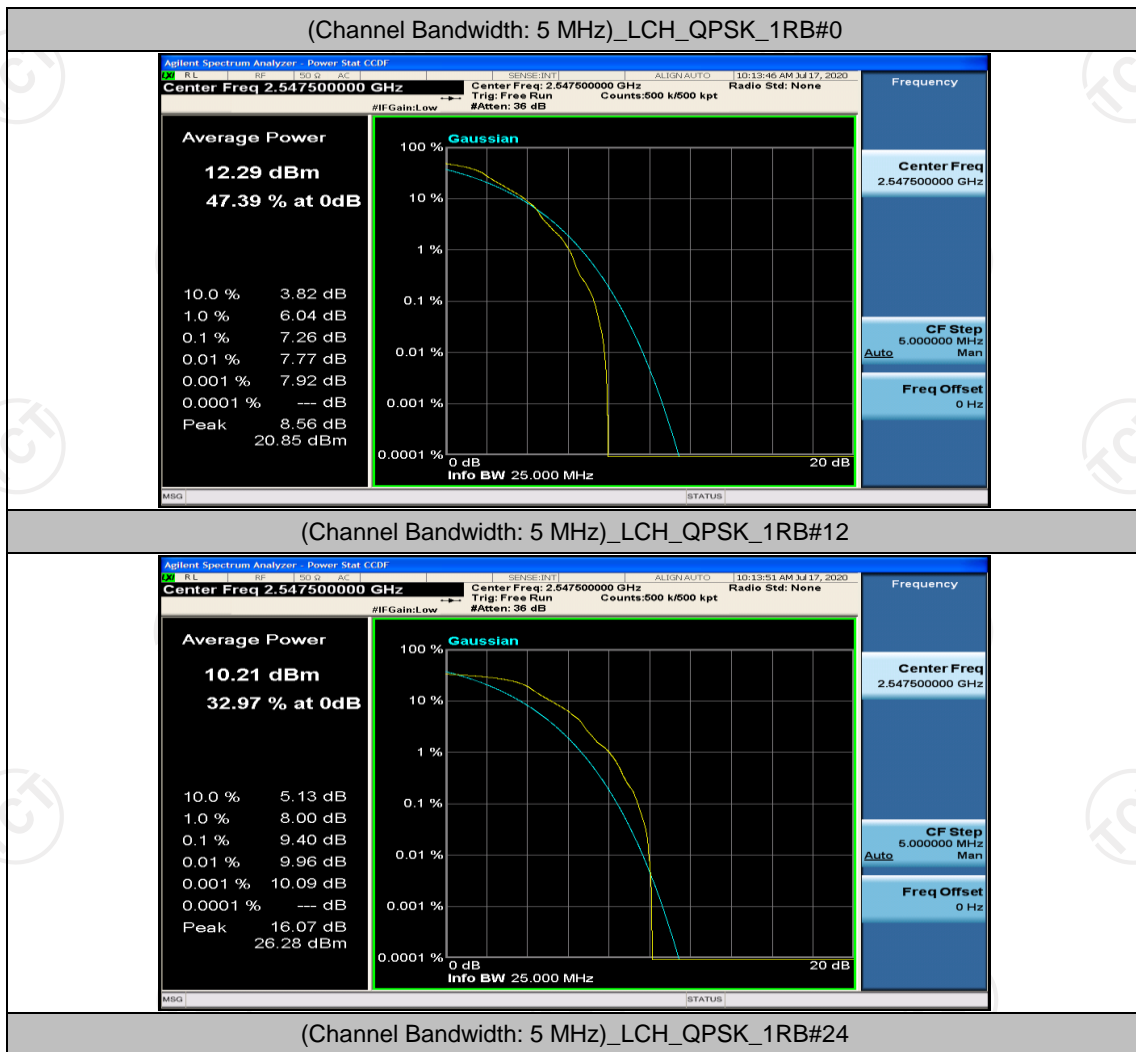
Channel Bandwidth: 20 MHz

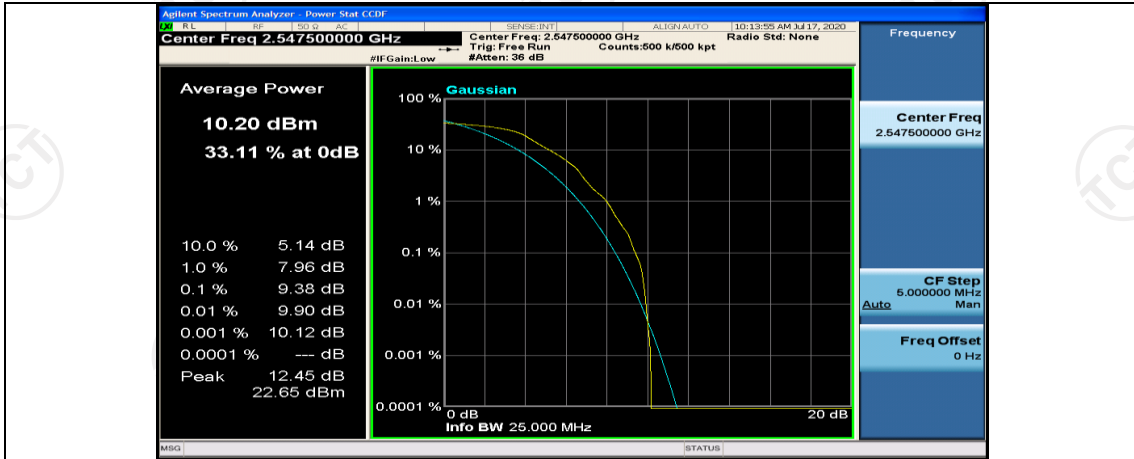
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	11.42	<13	PASS
		1	49	7.31	<13	PASS
		1	99	8.8	<13	PASS
		50	0	8.91	<13	PASS
		50	25	9.96	<13	PASS
		50	50	8.17	<13	PASS
		100	0	8.73	<13	PASS
	MCH	1	0	8.04	<13	PASS

		1	49	8.29	<13	PASS	
		1	99	8.61	<13	PASS	
		50	0	8.83	<13	PASS	
		50	25	10.07	<13	PASS	
		50	50	9.17	<13	PASS	
		100	0	9.11	<13	PASS	
	HCH	1	0	8.65	<13	PASS	
		1	49	8.84	<13	PASS	
		1	99	9.07	<13	PASS	
		50	0	10.22	<13	PASS	
		50	25	10.01	<13	PASS	
		50	50	8.38	<13	PASS	
	16QAM	LCH	100	0	9.48	<13	PASS
			1	0	9.69	<13	PASS
1			49	9.38	<13	PASS	
1			99	8	<13	PASS	
50			0	9.23	<13	PASS	
50			25	9.4	<13	PASS	
MCH		50	50	9.52	<13	PASS	
		100	0	10.29	<13	PASS	
		1	0	8.99	<13	PASS	
		1	49	9.44	<13	PASS	
		1	99	8.06	<13	PASS	
		50	0	8.87	<13	PASS	
HCH		50	25	9.22	<13	PASS	
		50	50	8.2	<13	PASS	
	100	0	9.95	<13	PASS		
	1	0	10.59	<13	PASS		
	1	49	8.99	<13	PASS		
	1	99	9.41	<13	PASS		
		50	0	8.44	<13	PASS	
		50	25	10.94	<13	PASS	
		50	50	8	<13	PASS	
		100	0	10.75	<13	PASS	

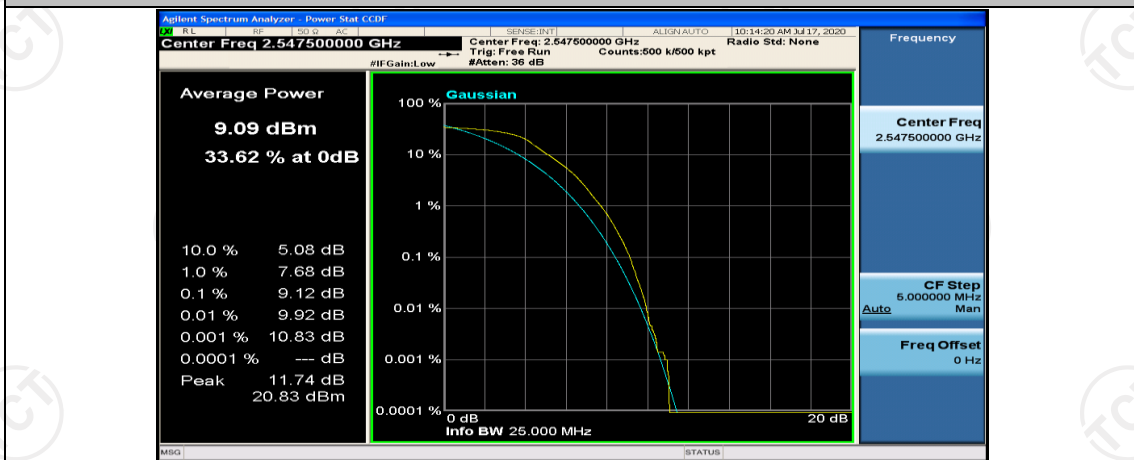
Test Graphs

Channel Bandwidth: 5 MHz

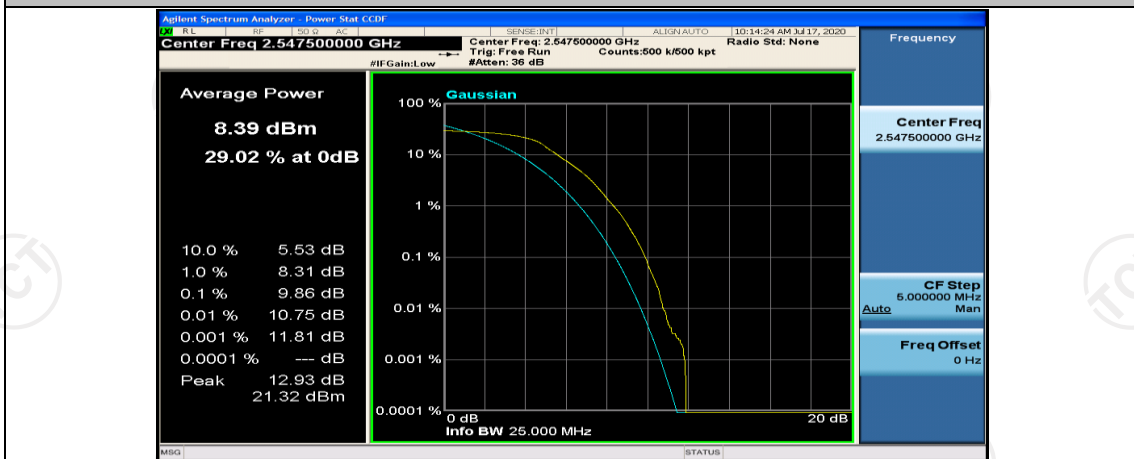




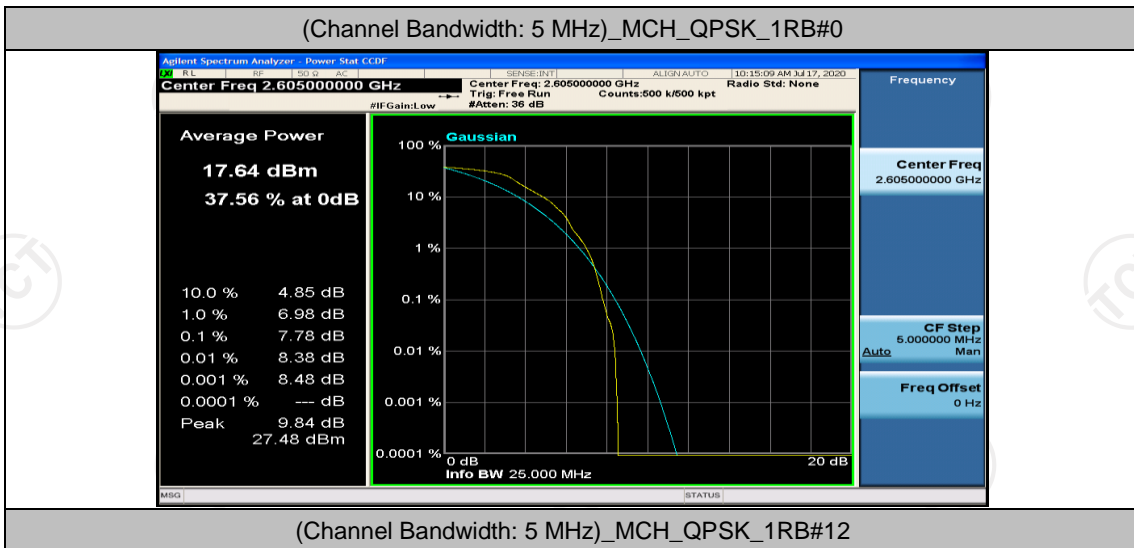
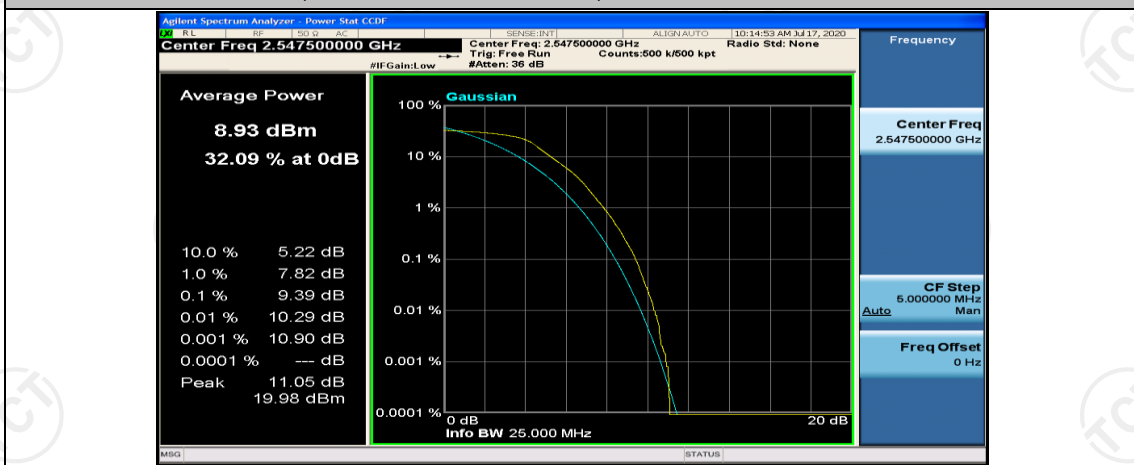
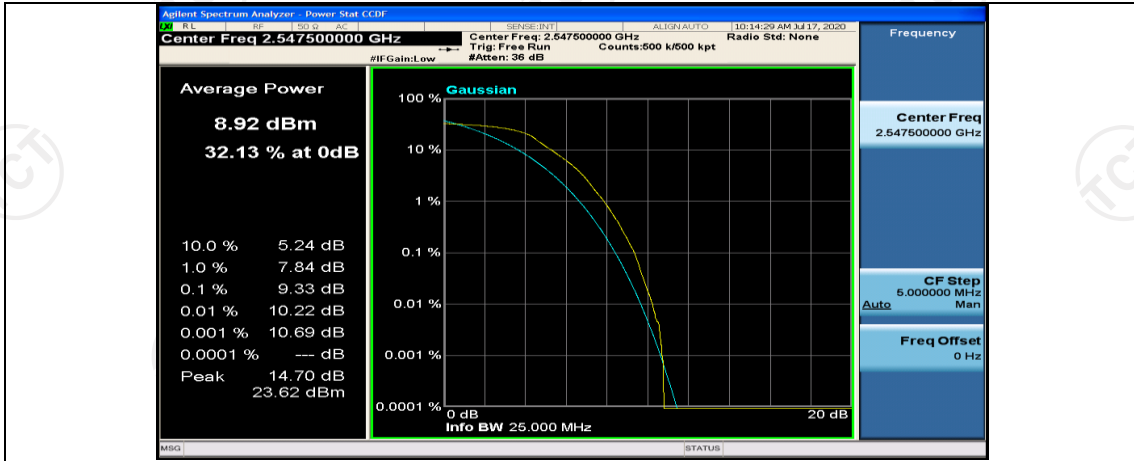
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0

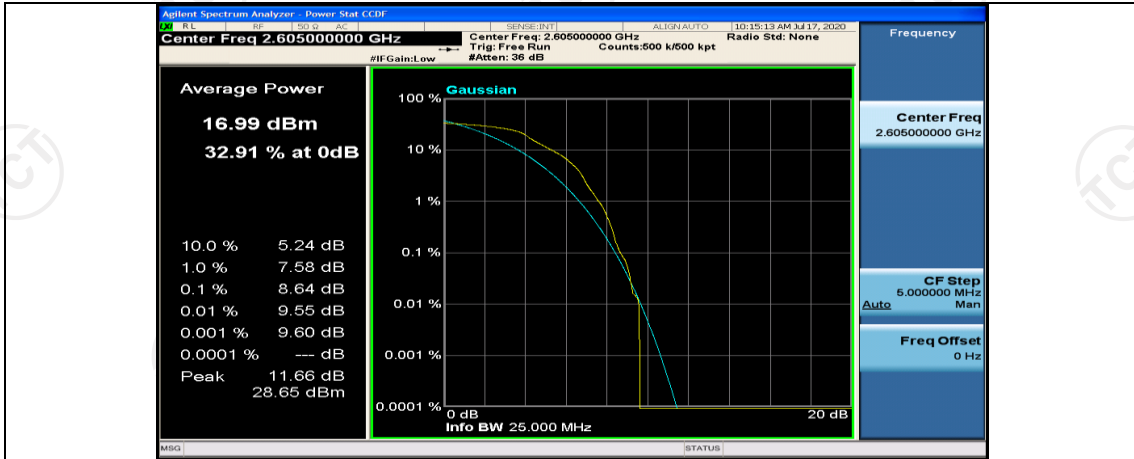


(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6

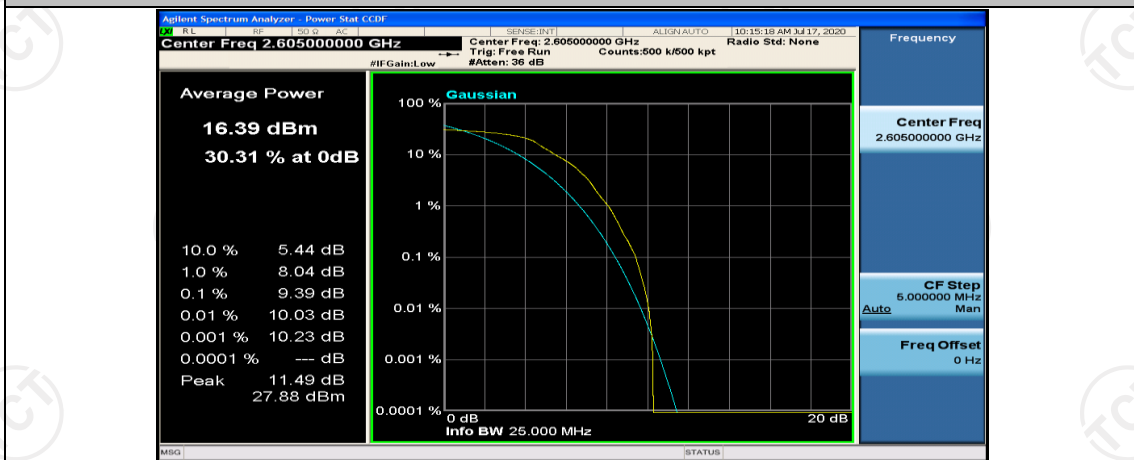


(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13

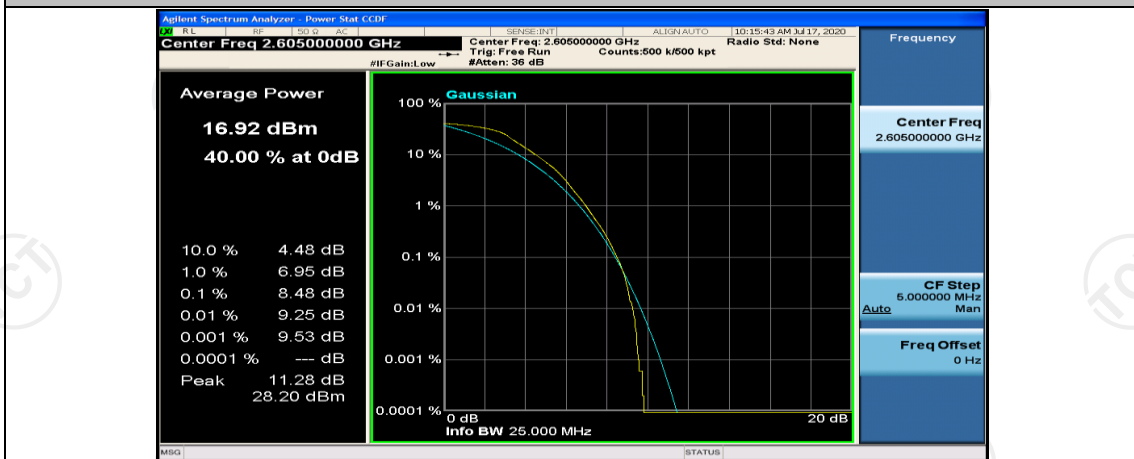




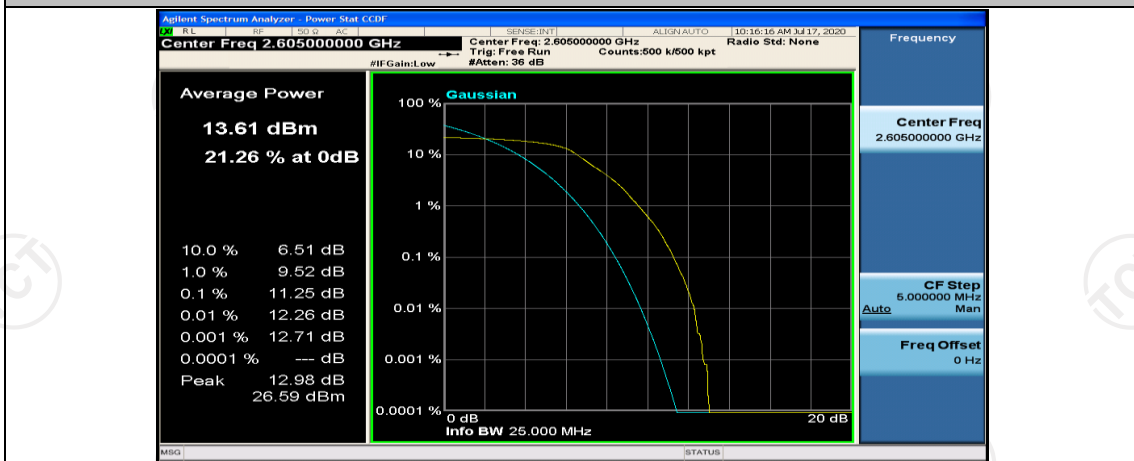
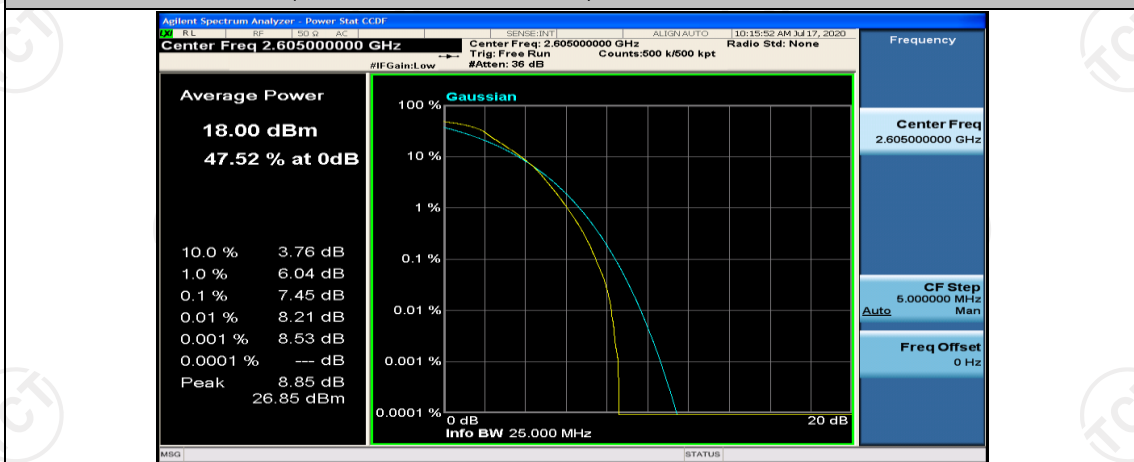
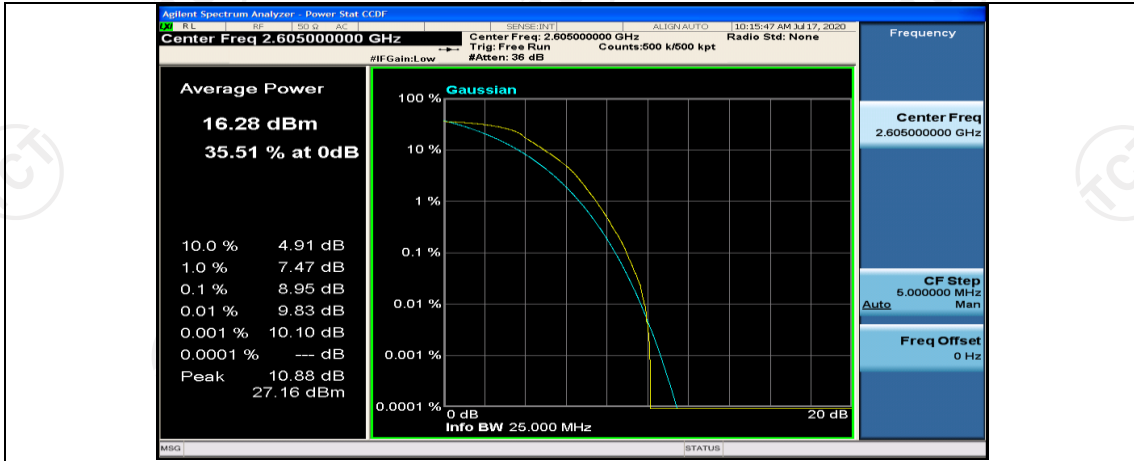
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

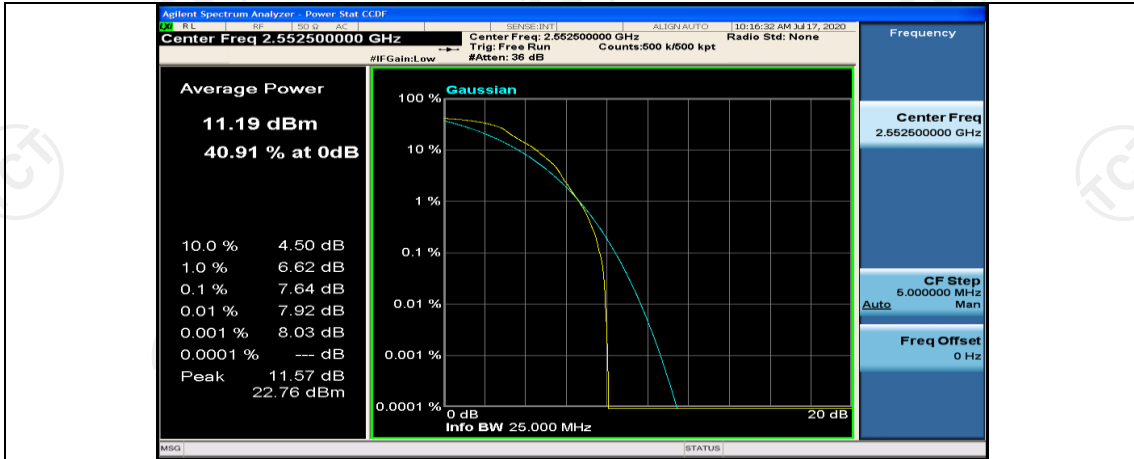


(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0

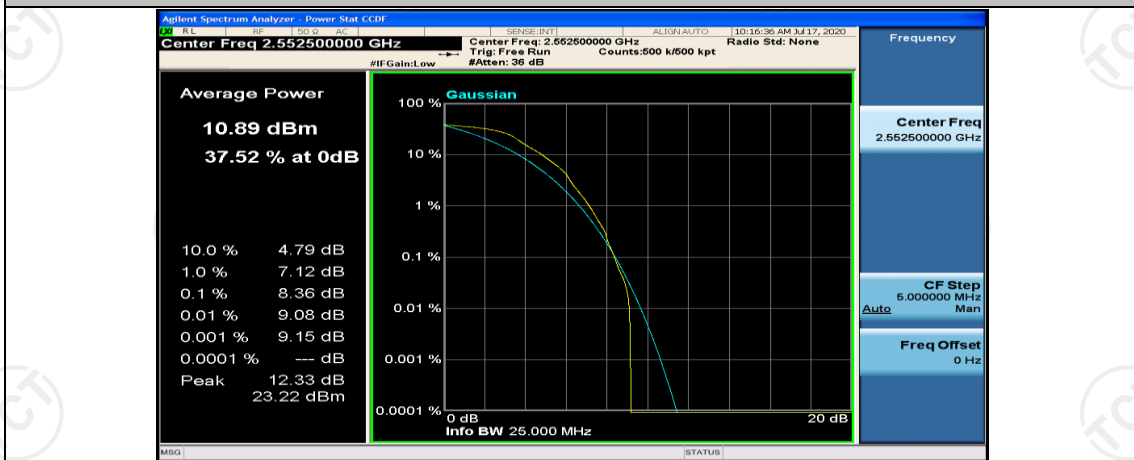


(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6

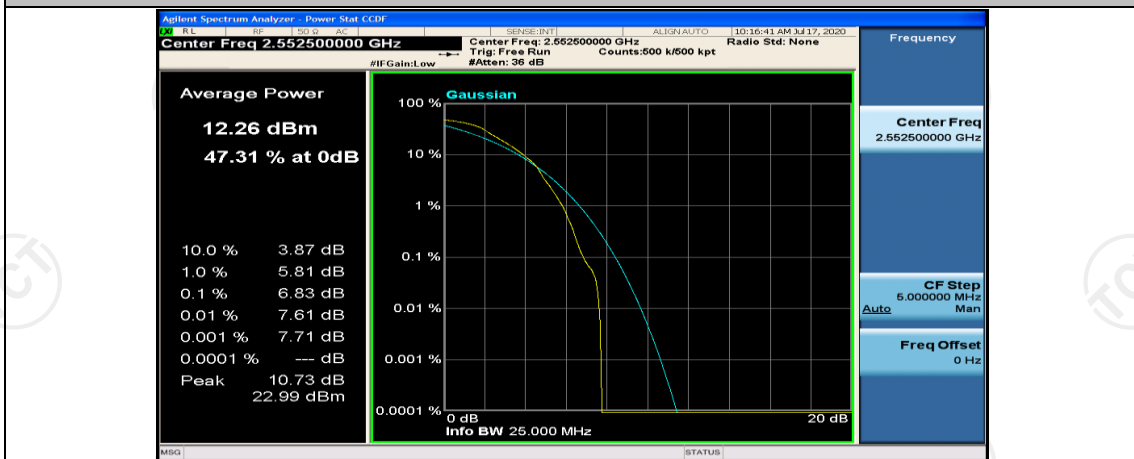




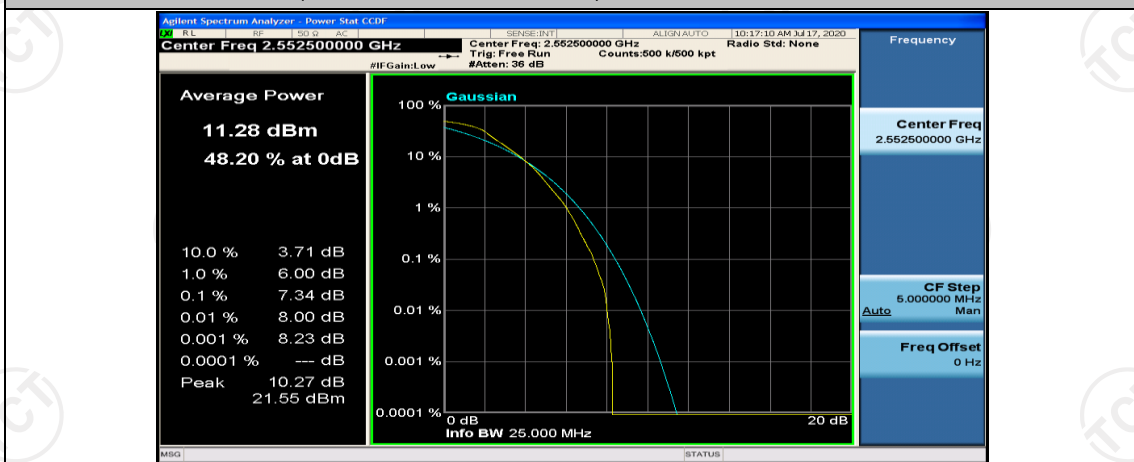
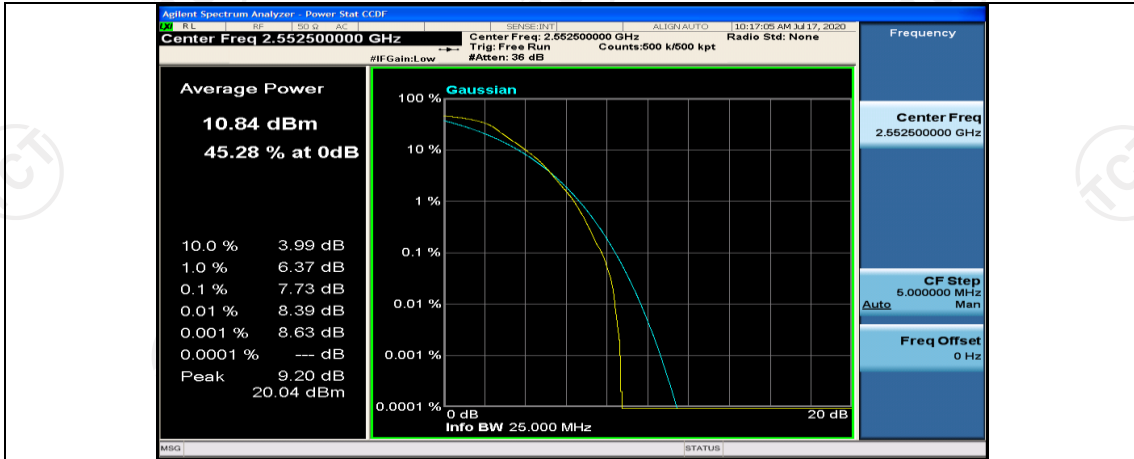
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

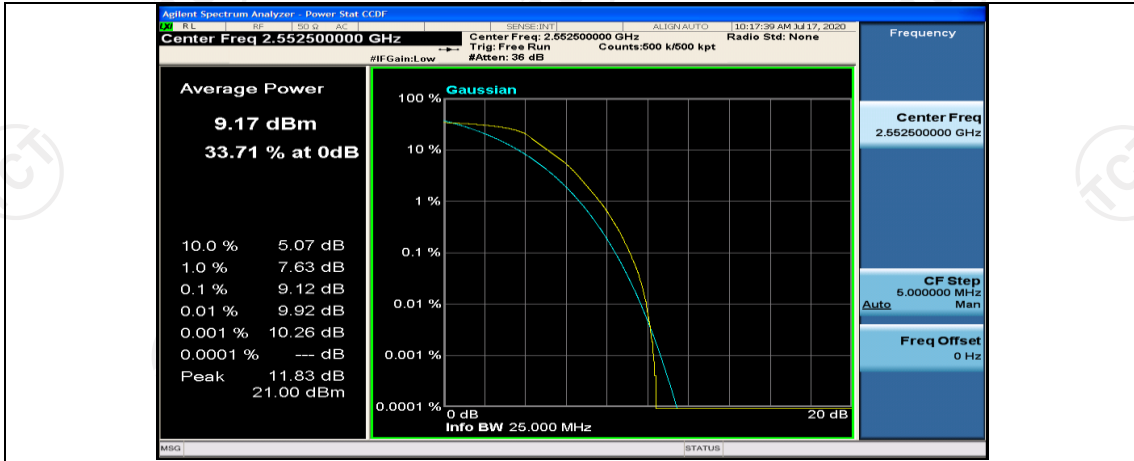


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24

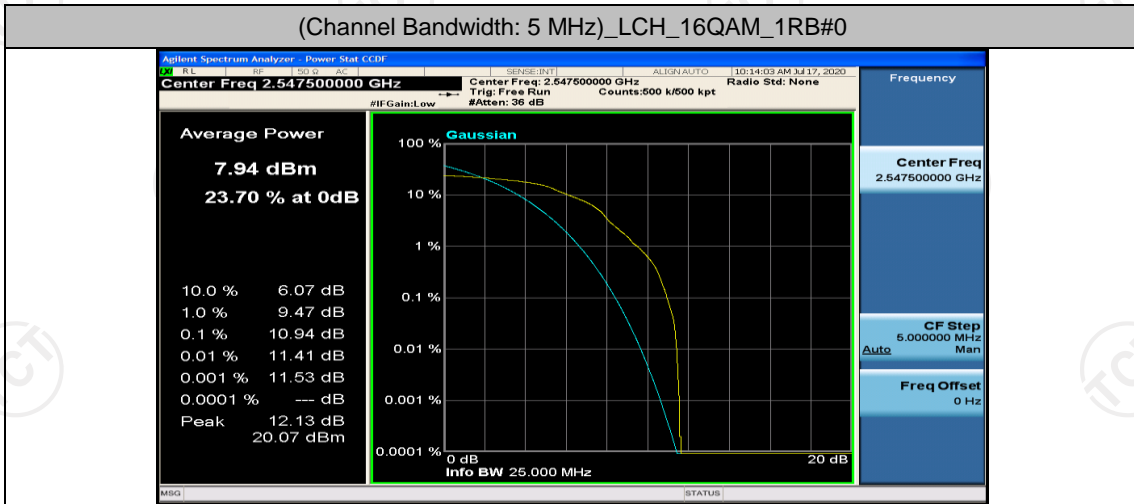


(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0

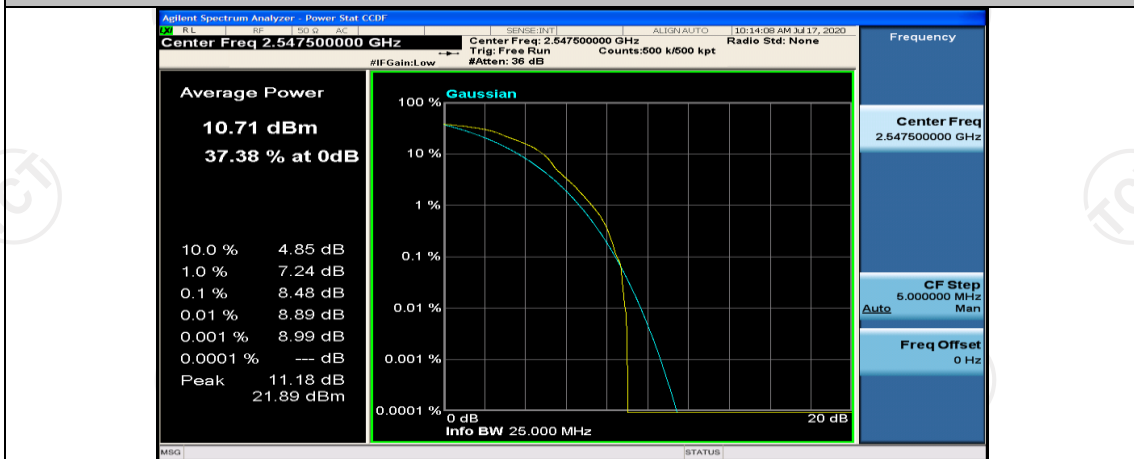




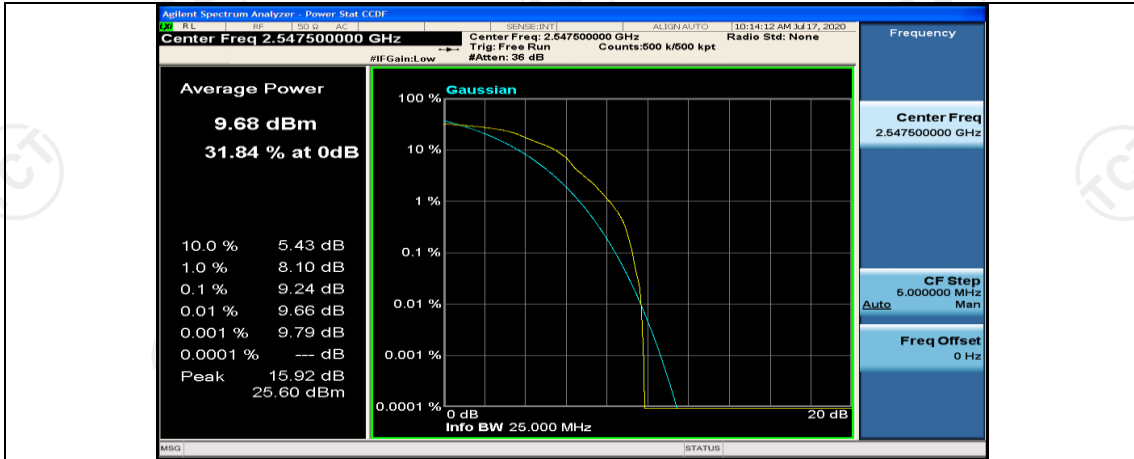
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



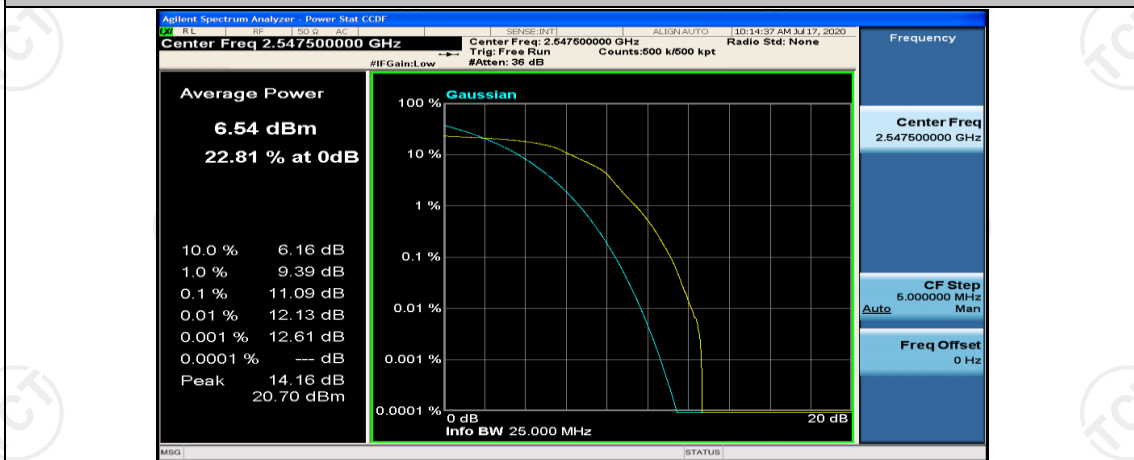
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



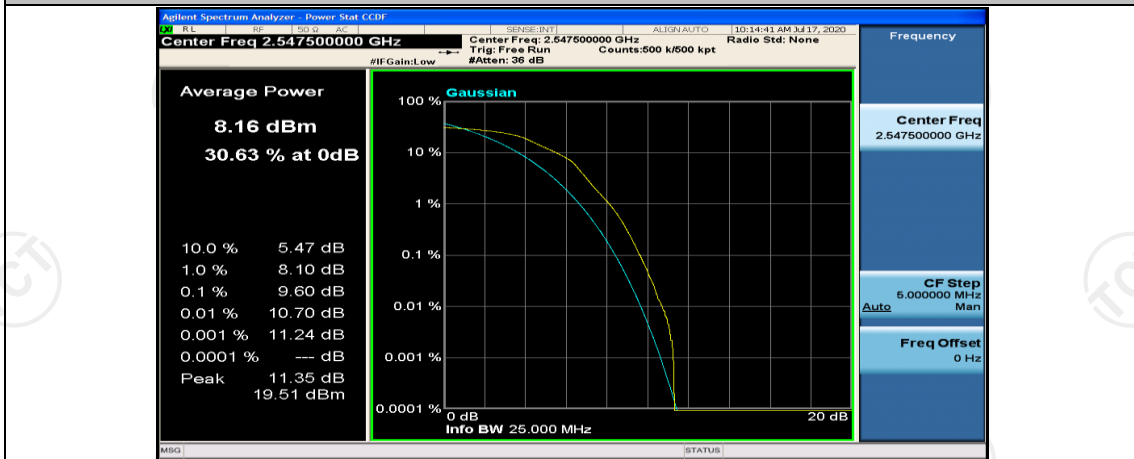
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



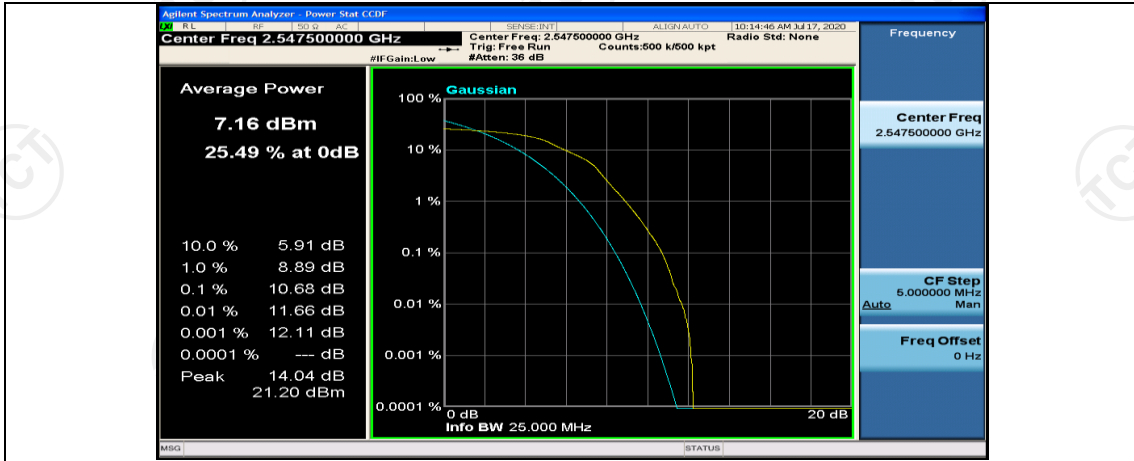
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



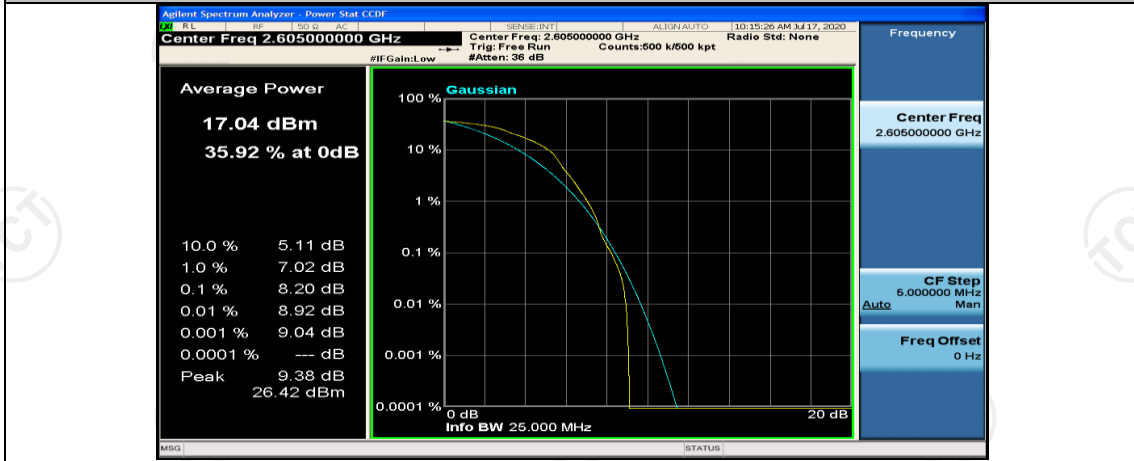
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



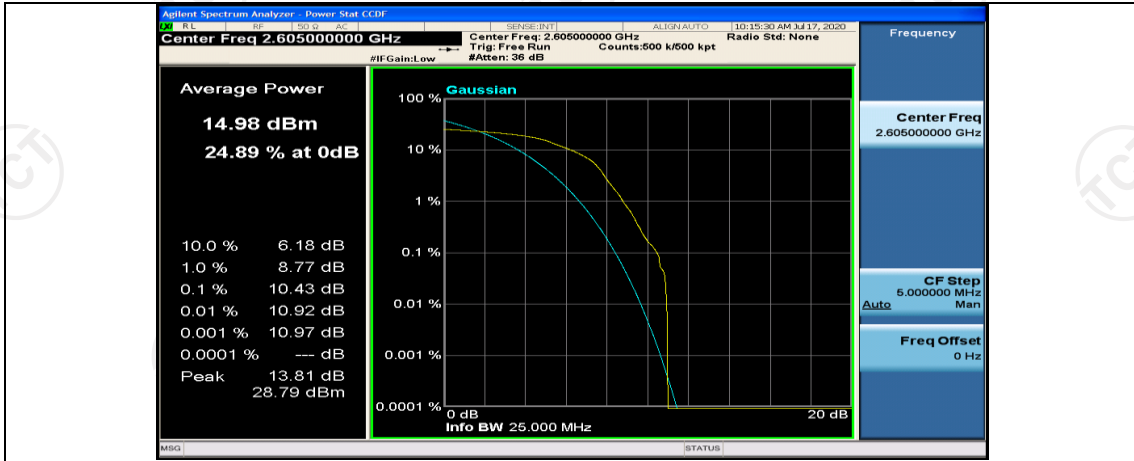
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



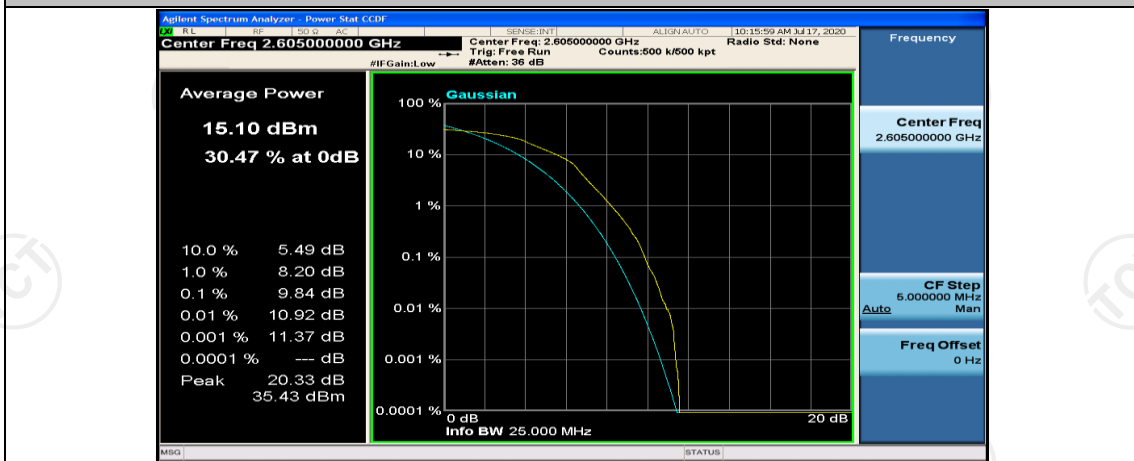
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



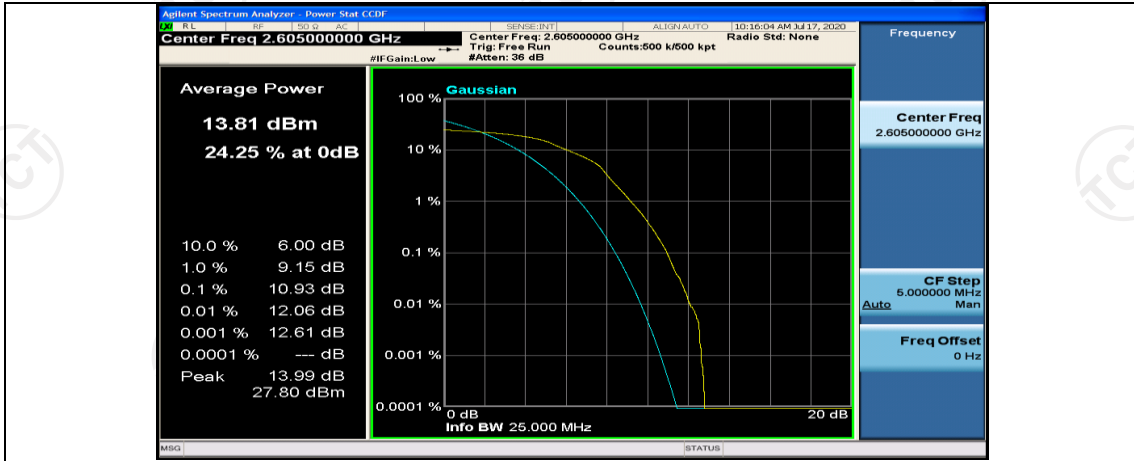
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



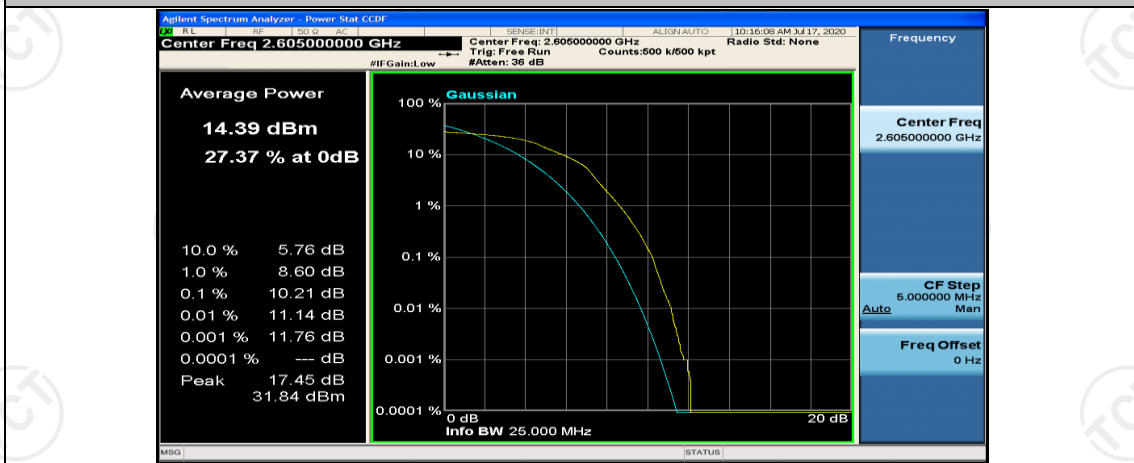
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



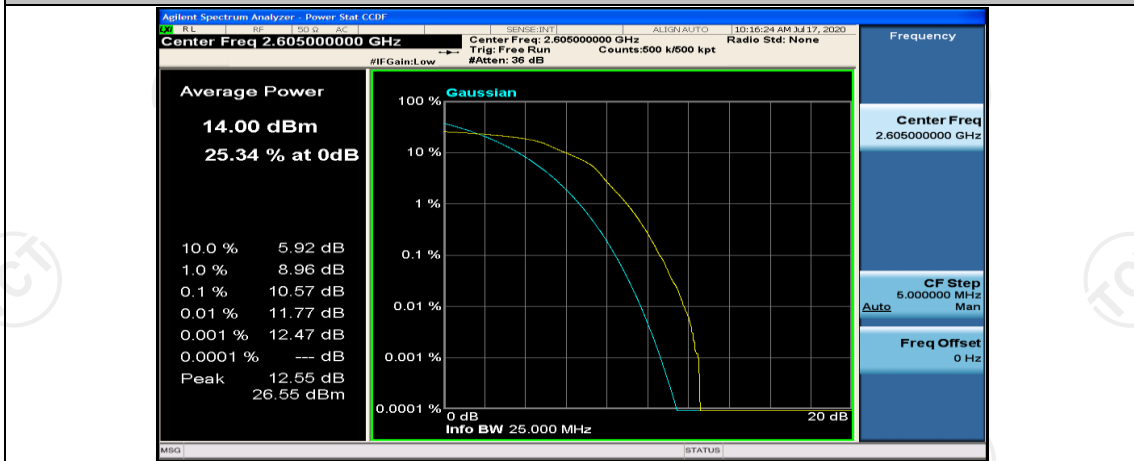
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



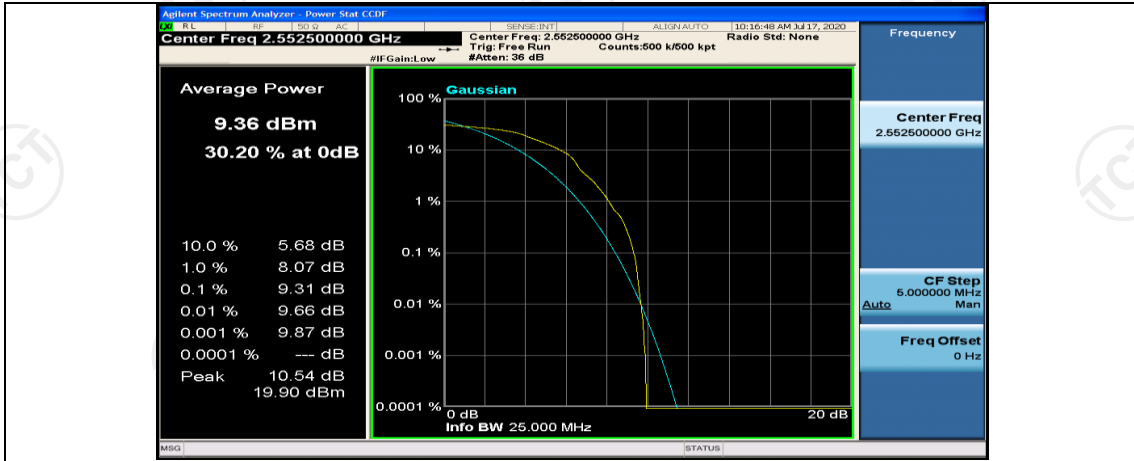
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



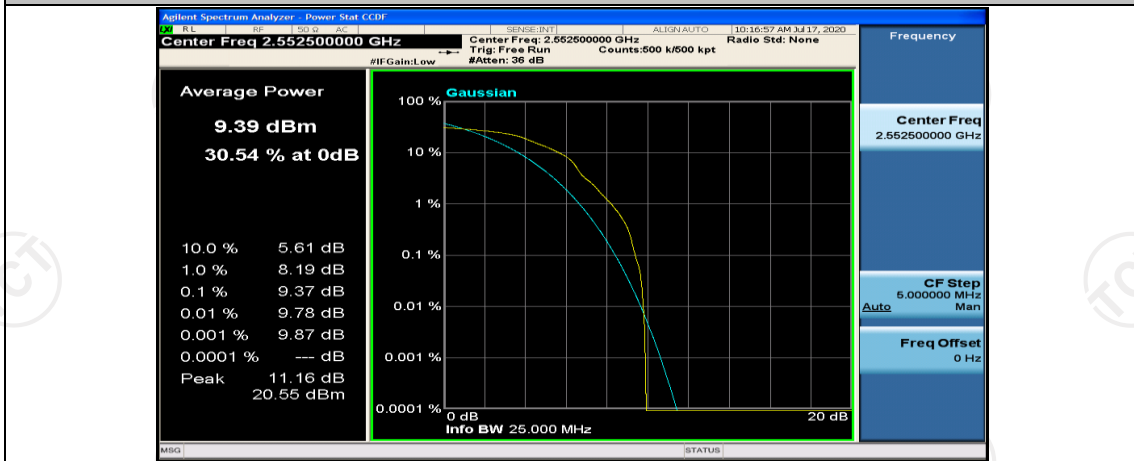
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



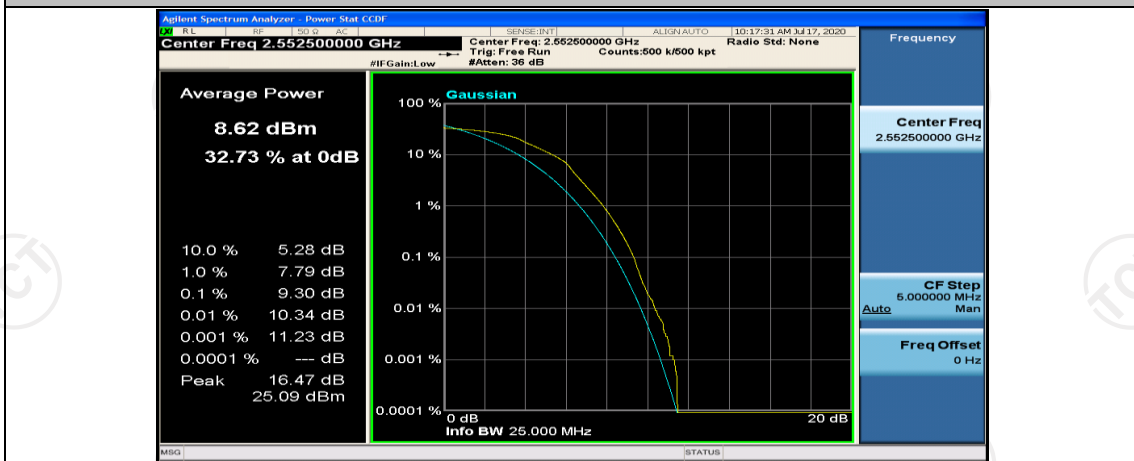
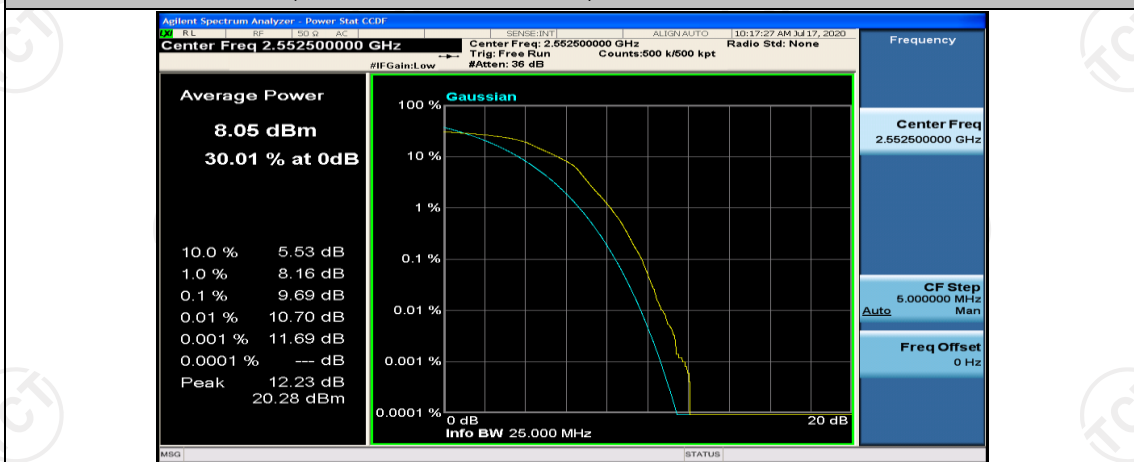
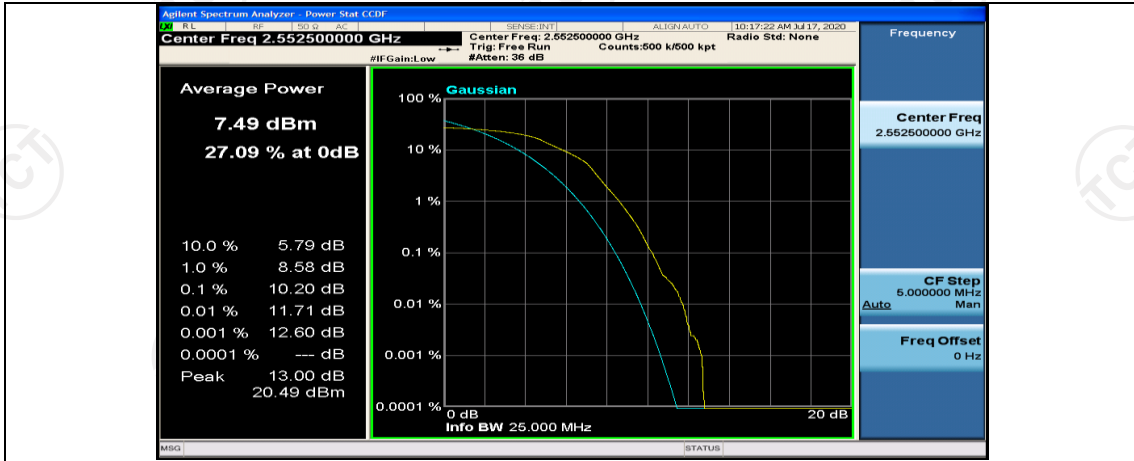
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

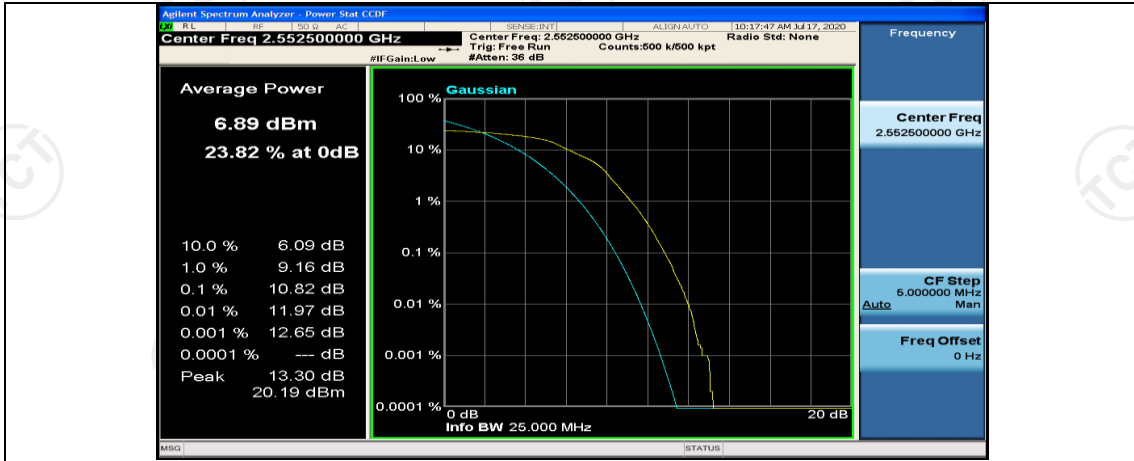


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

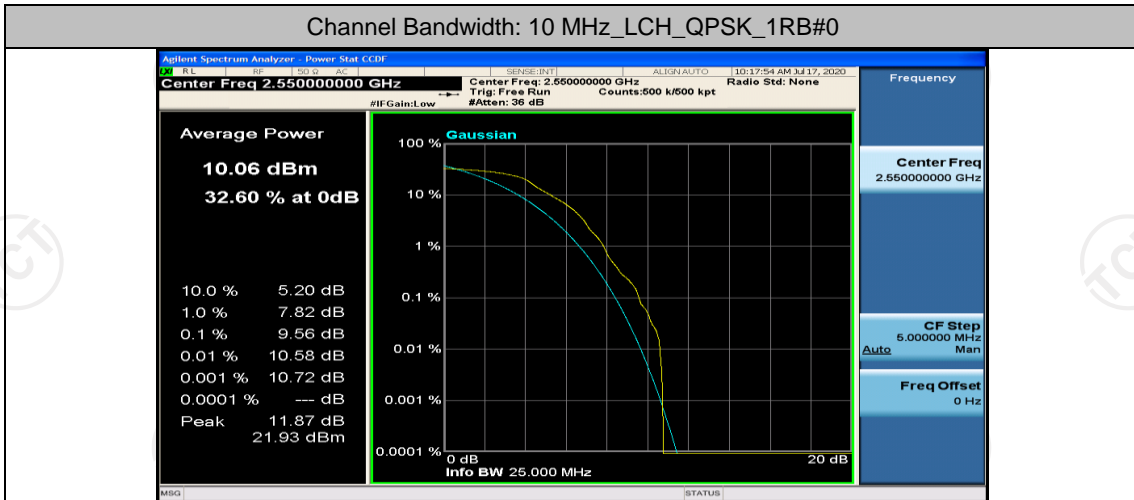


(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0

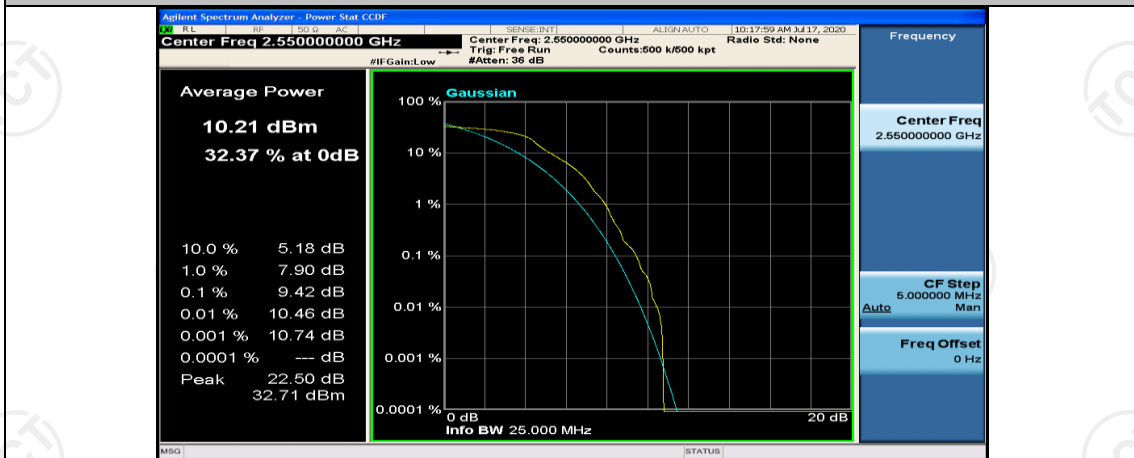




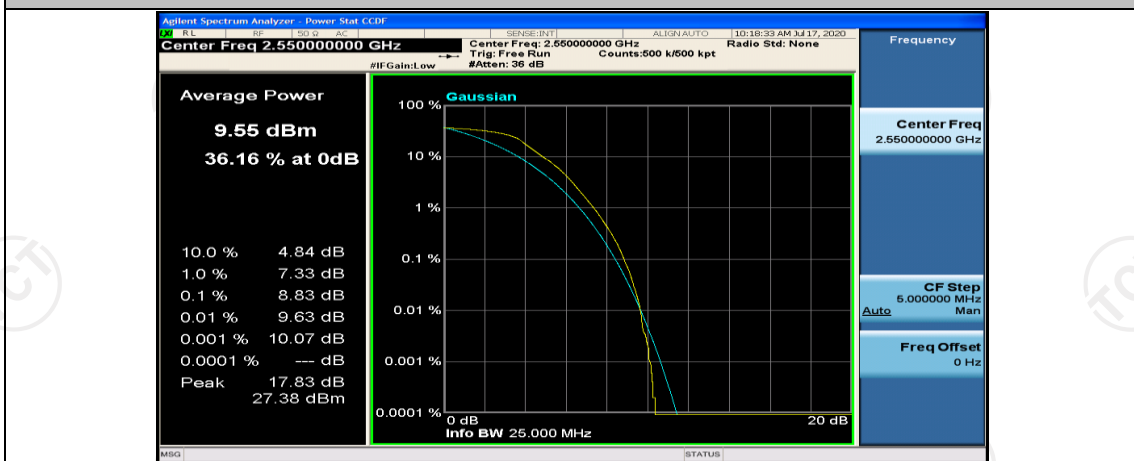
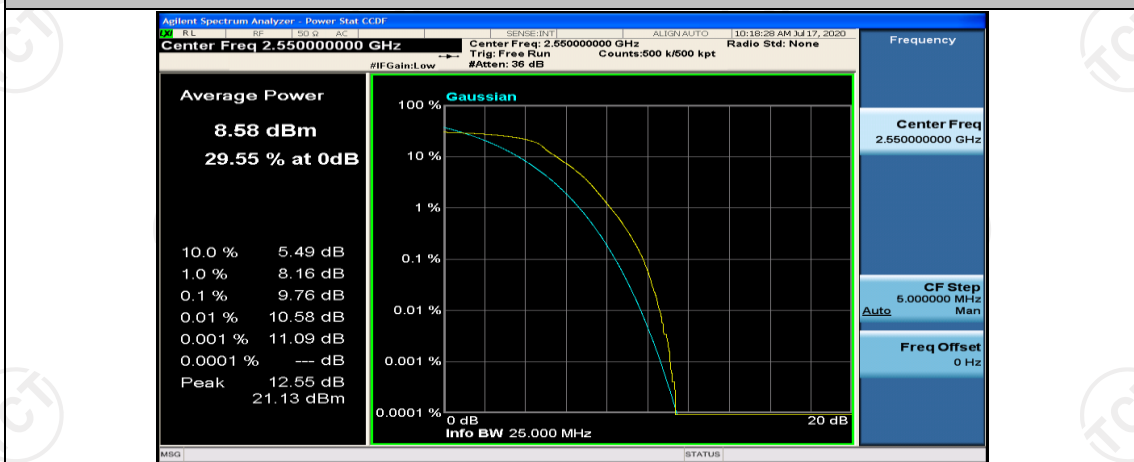
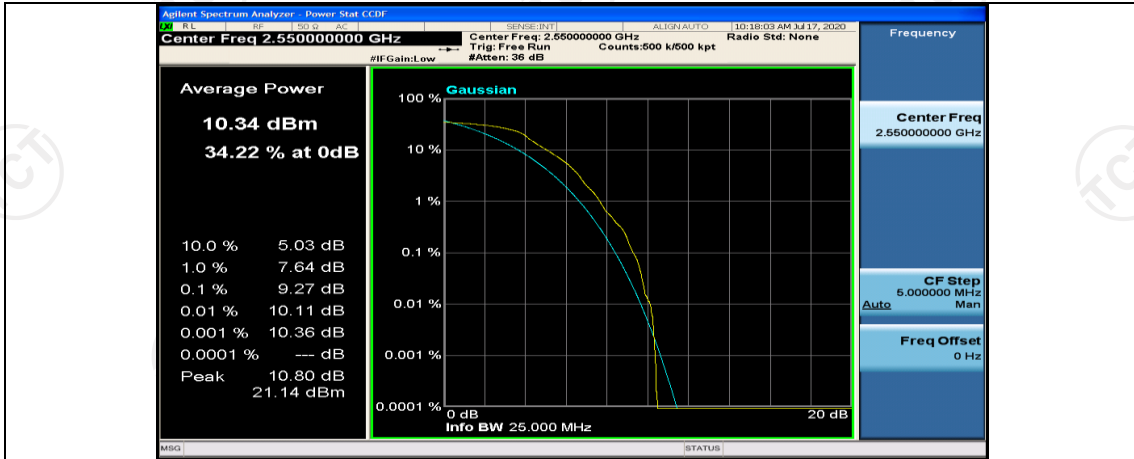
Channel Bandwidth: 10 MHz

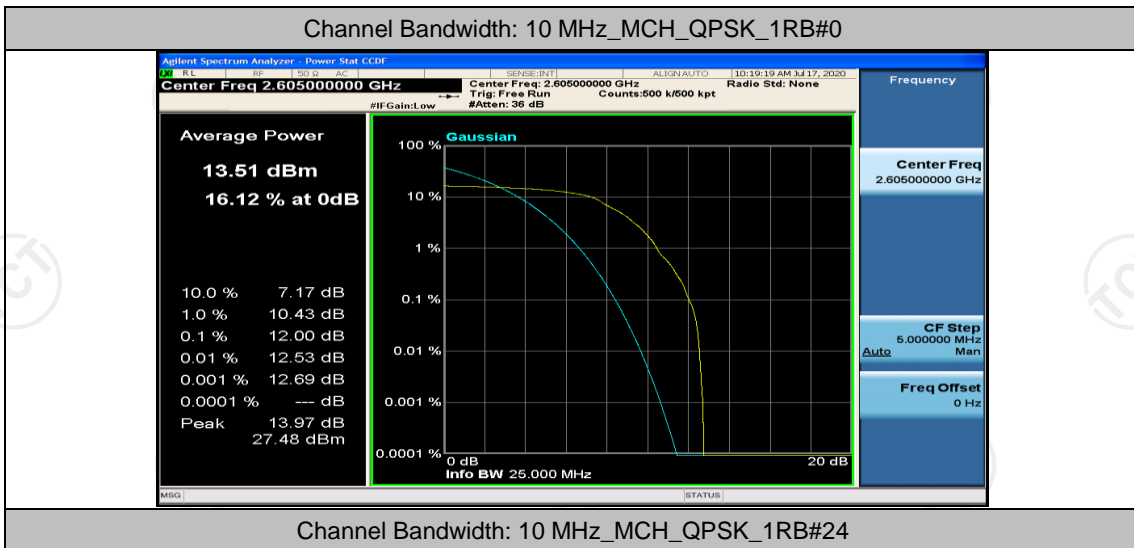
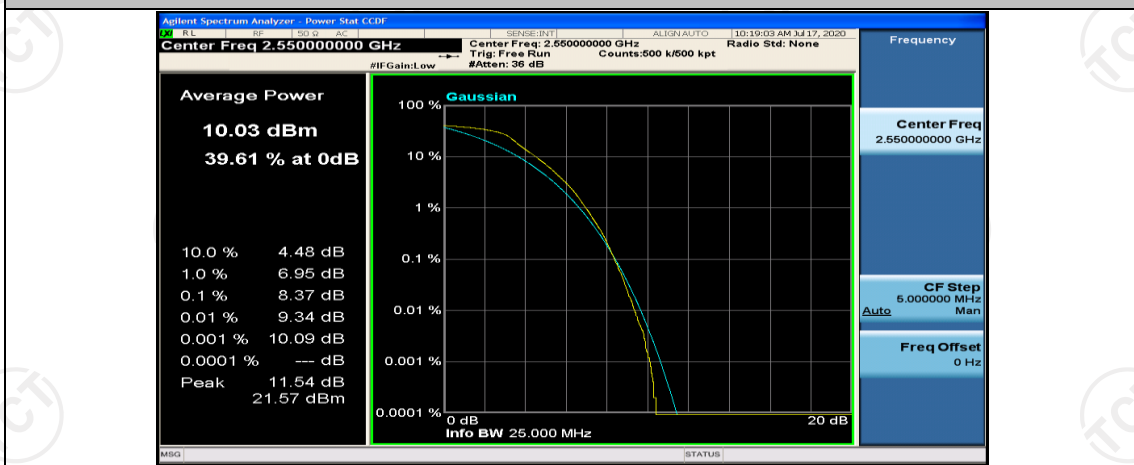
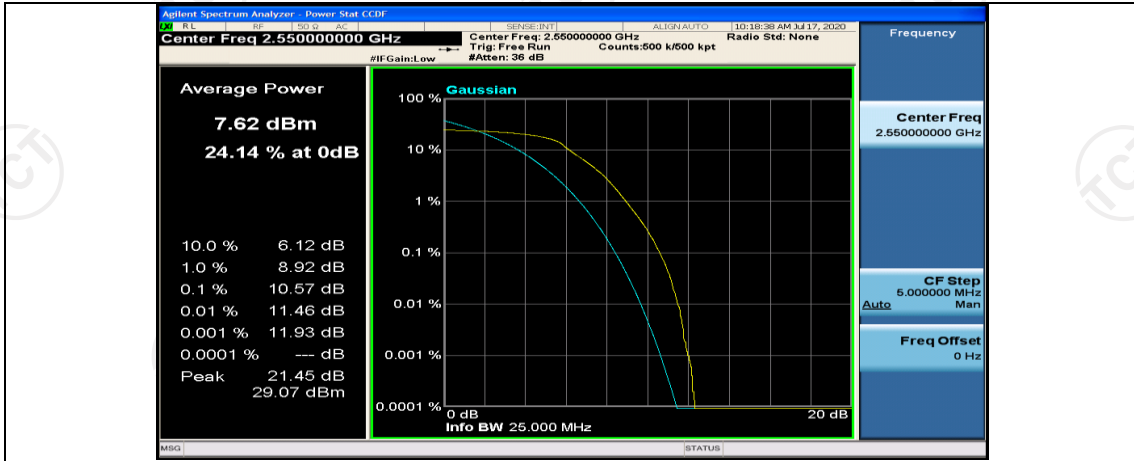


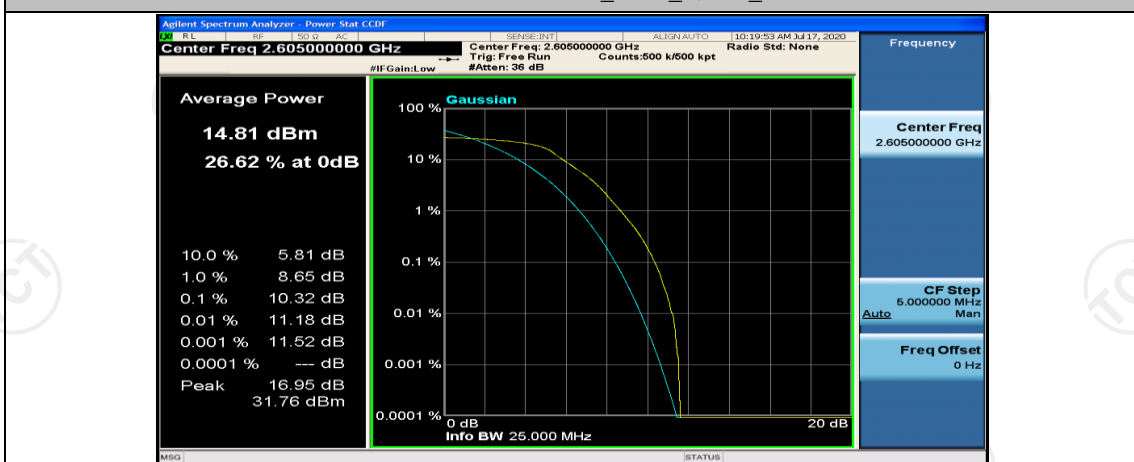
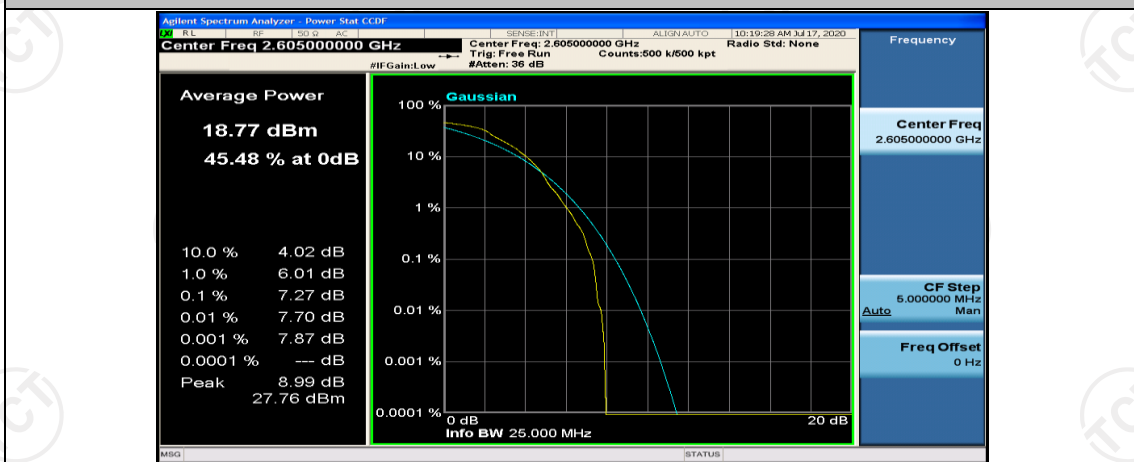
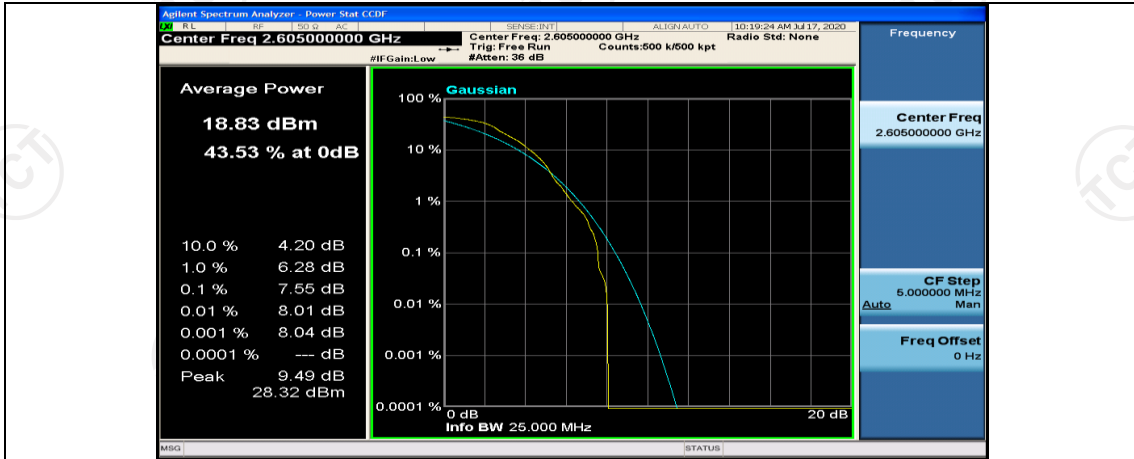
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24

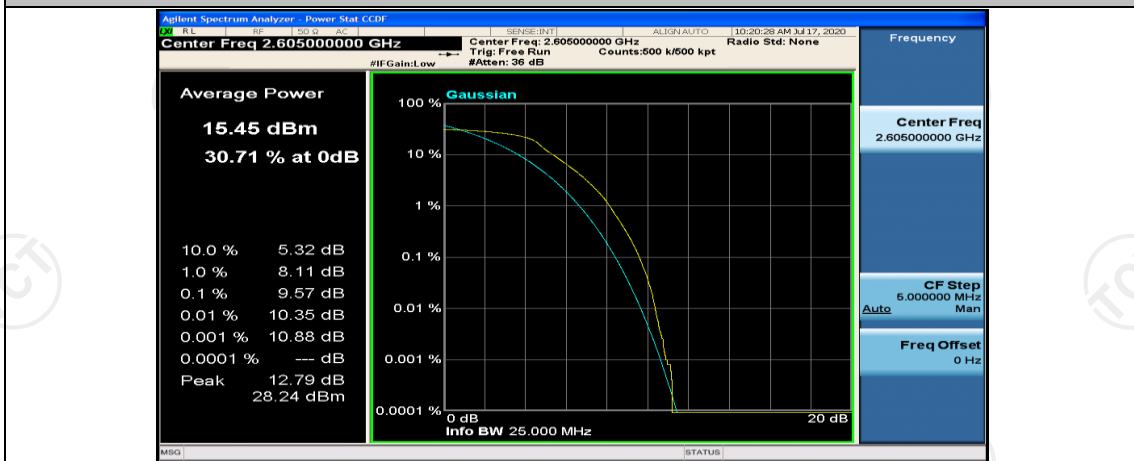
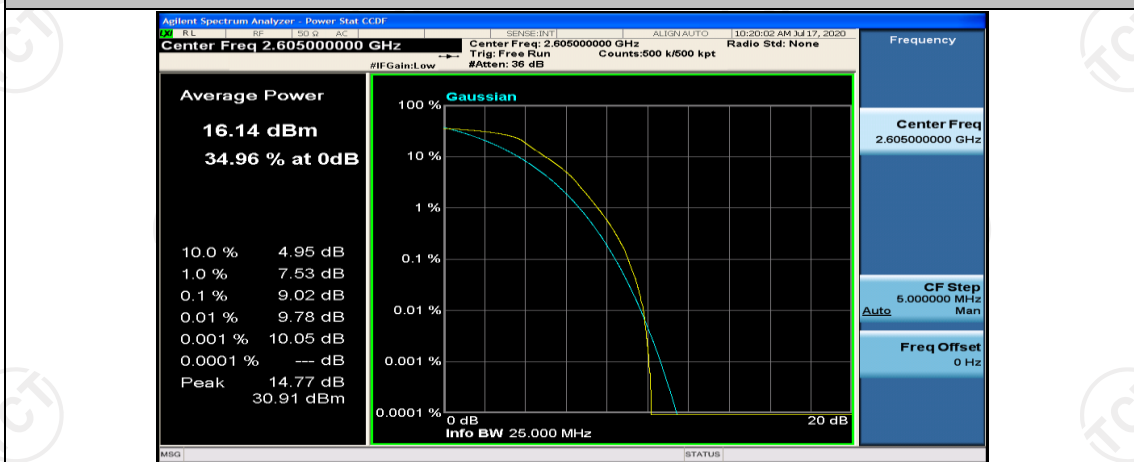
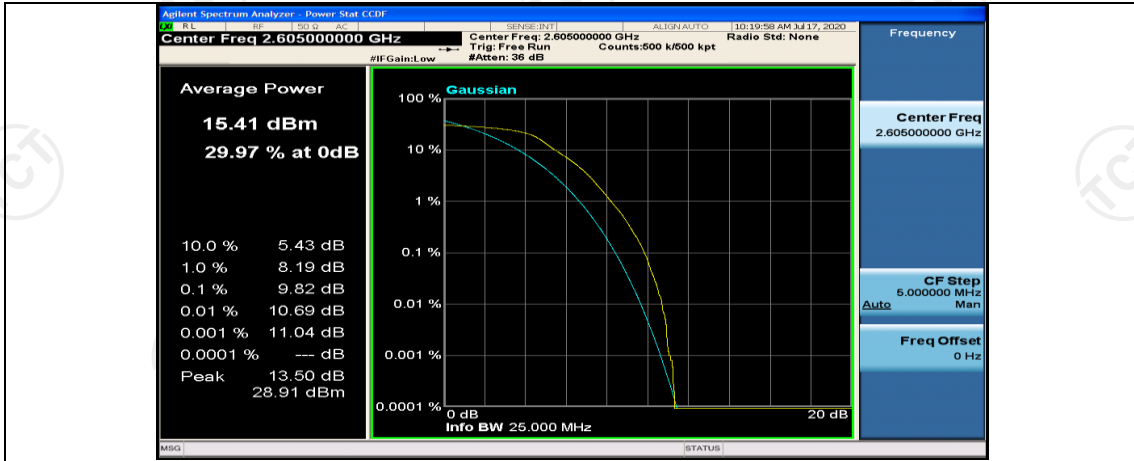


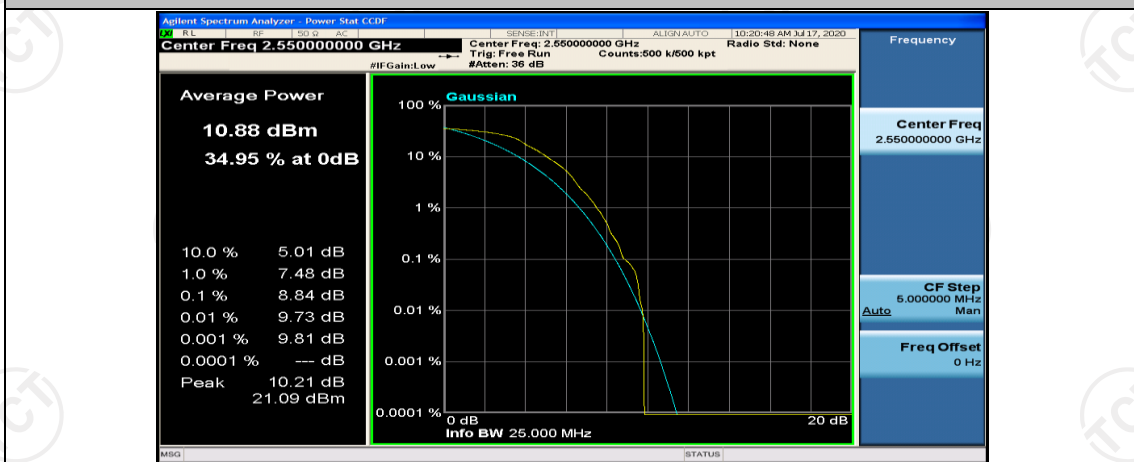
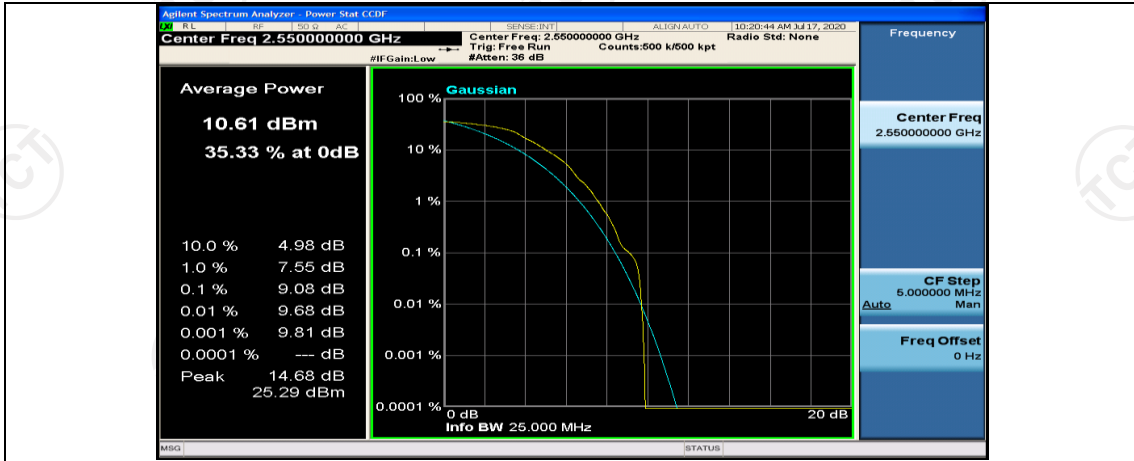
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49

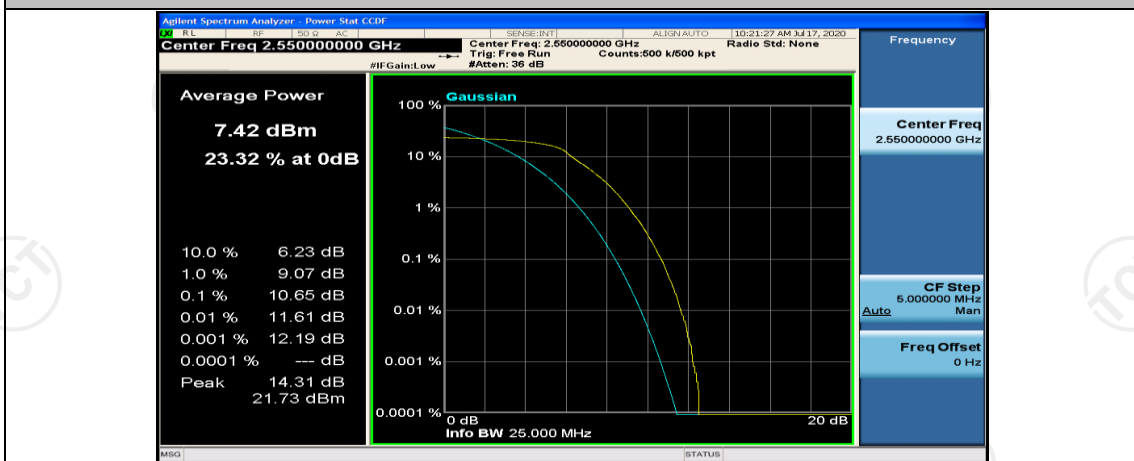
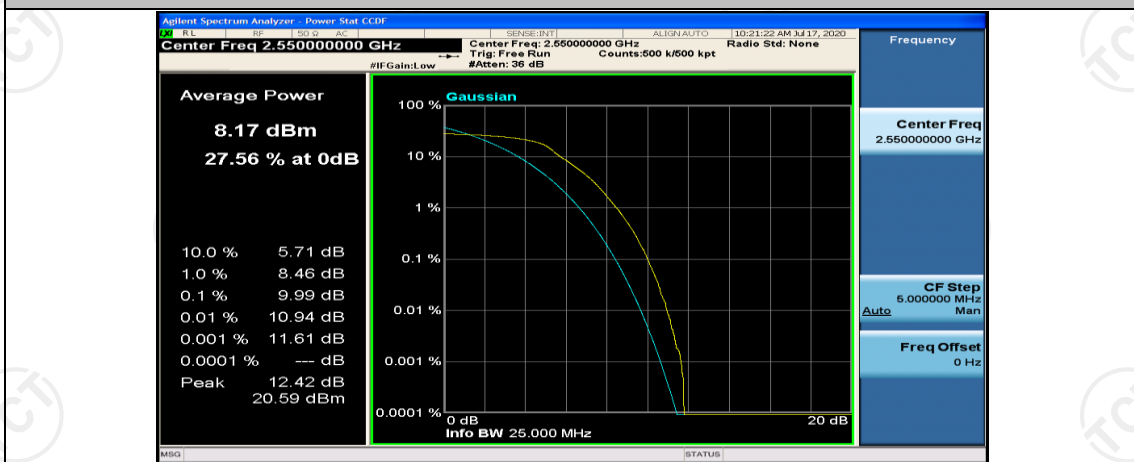
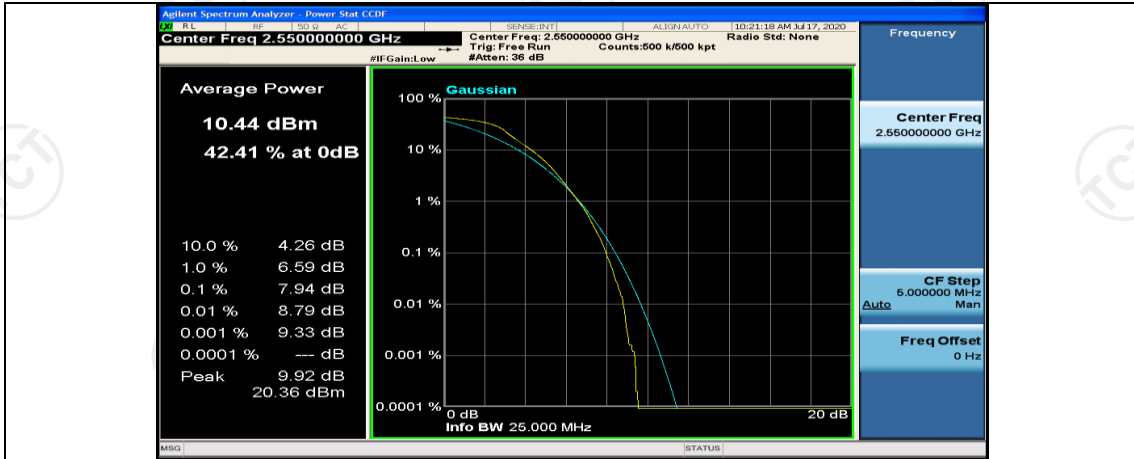


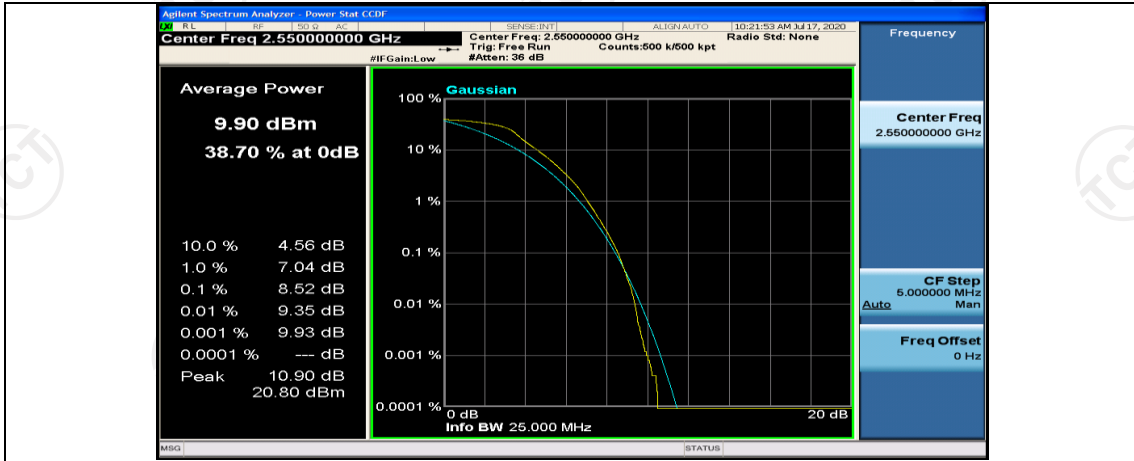




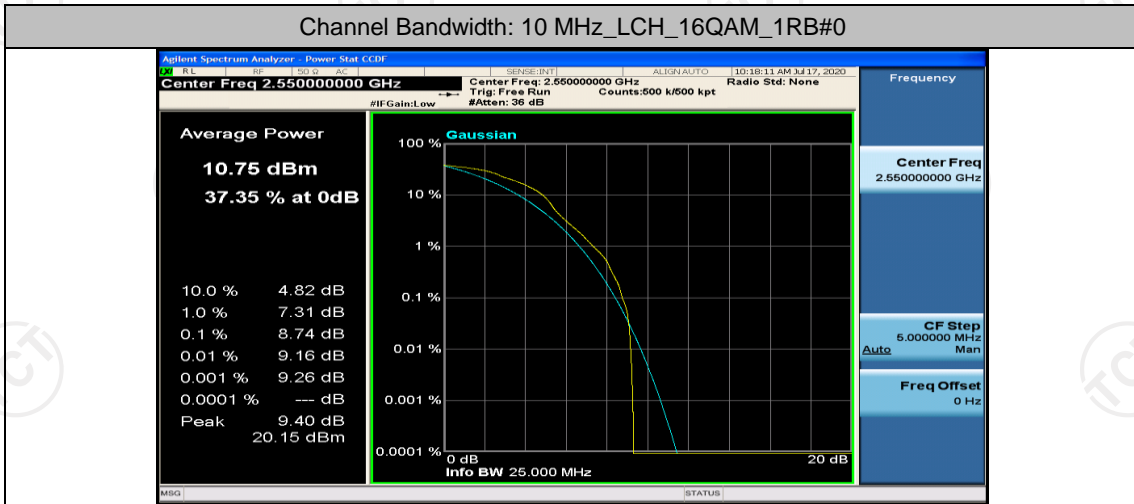




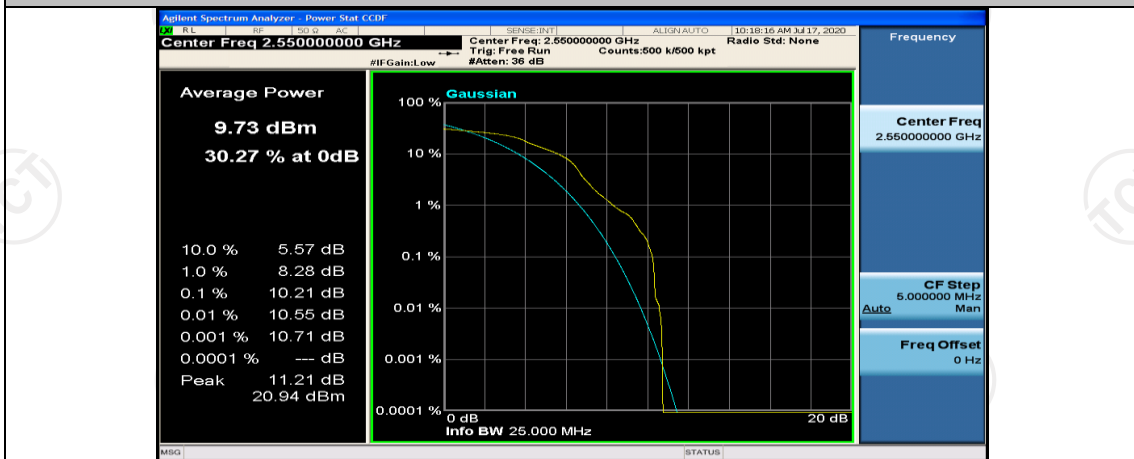




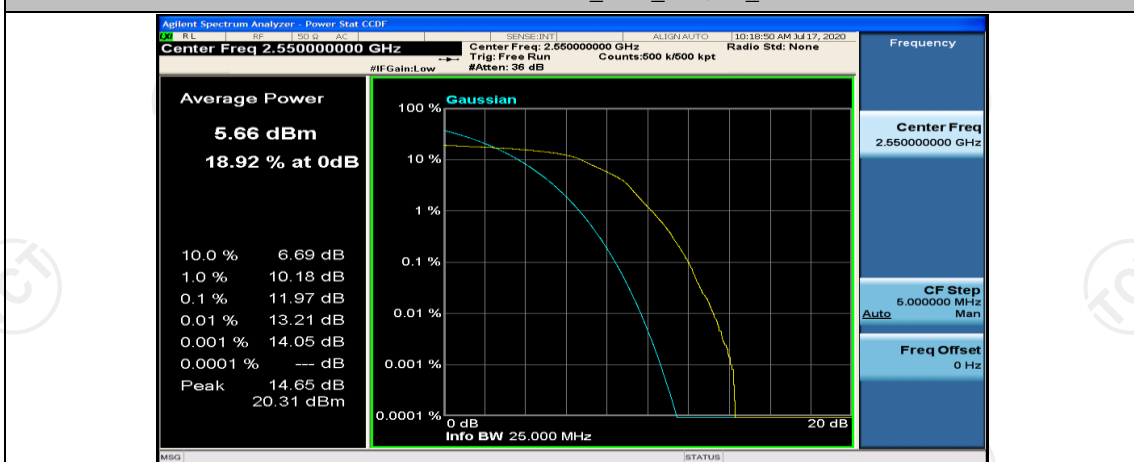
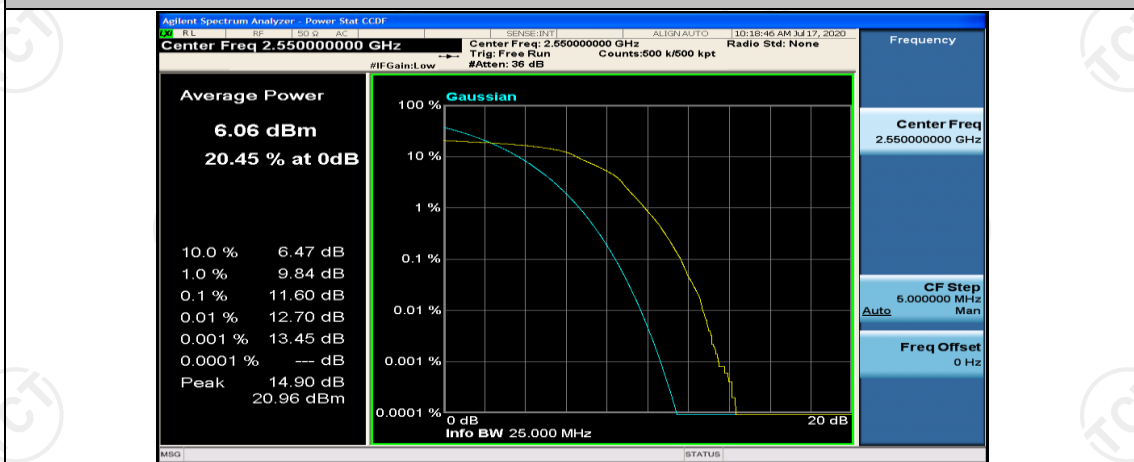
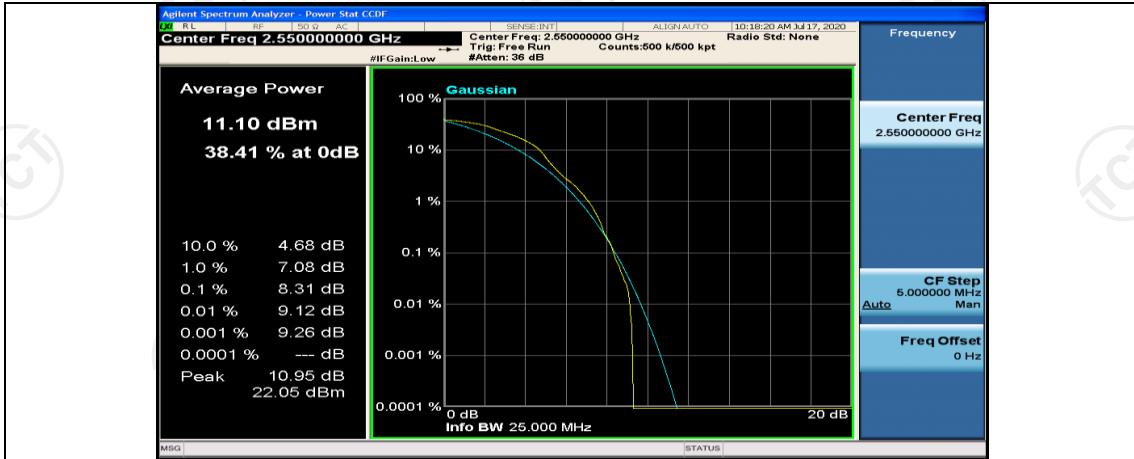
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

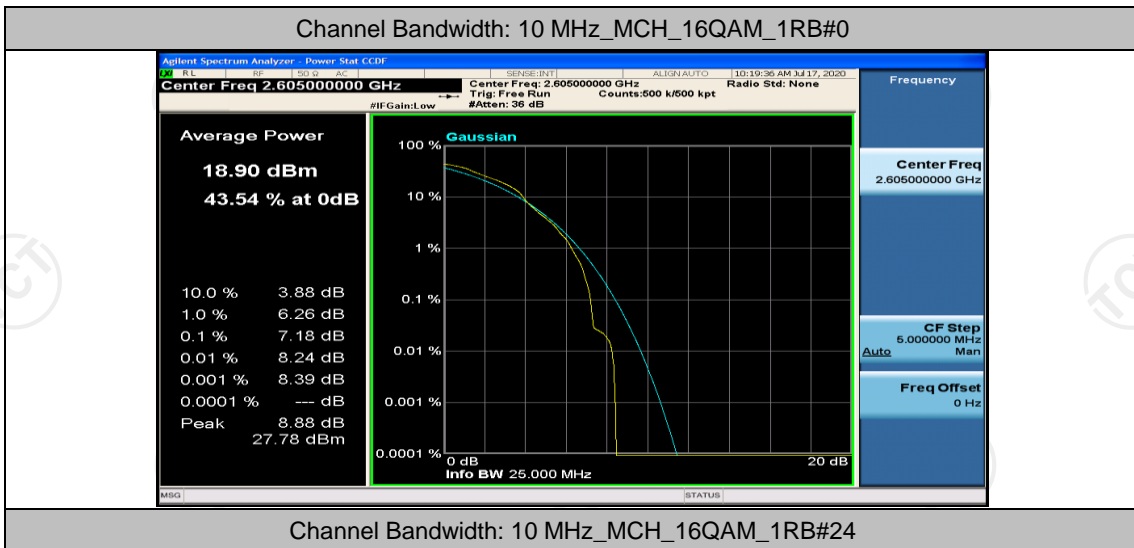
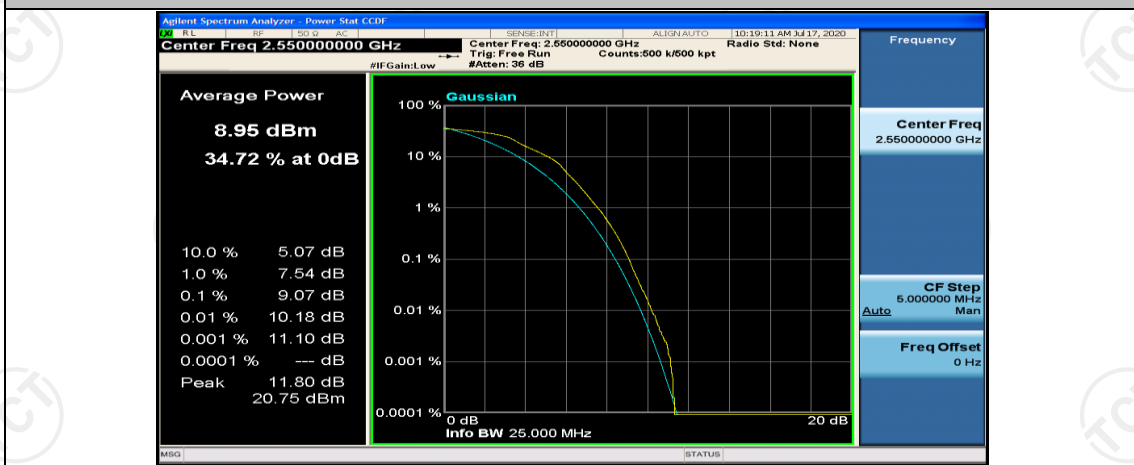
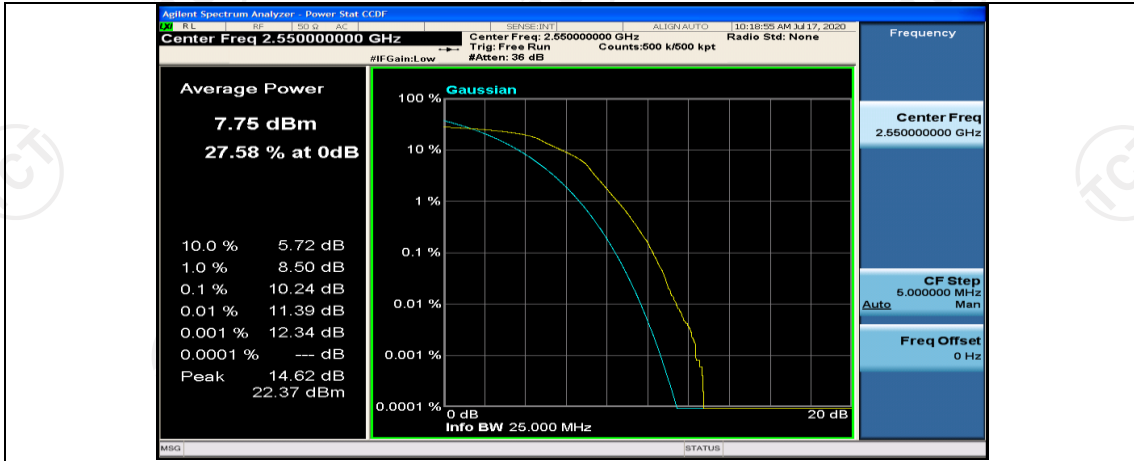


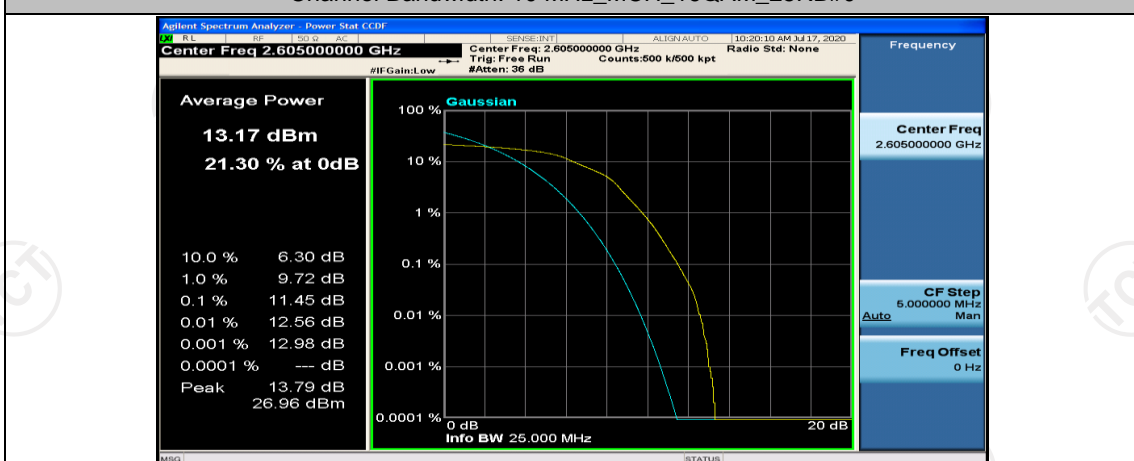
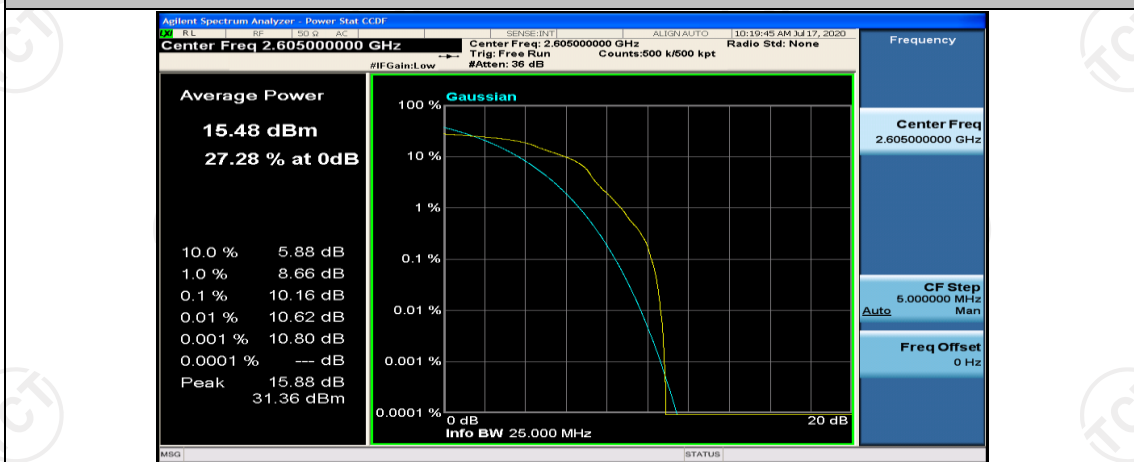
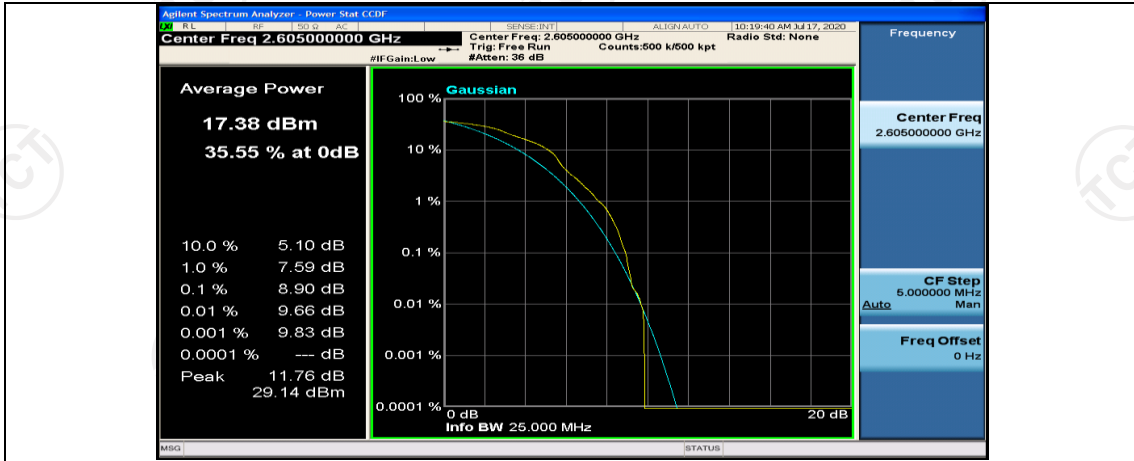
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

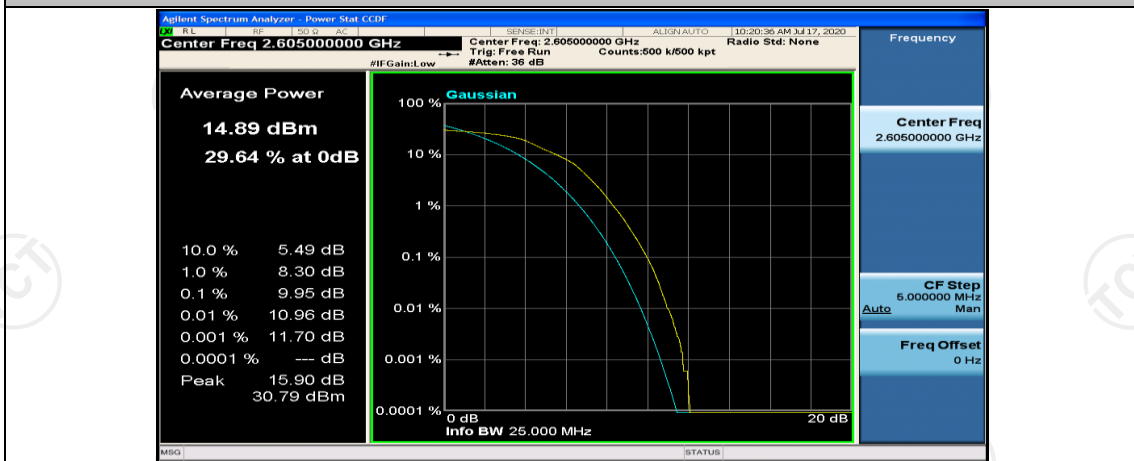
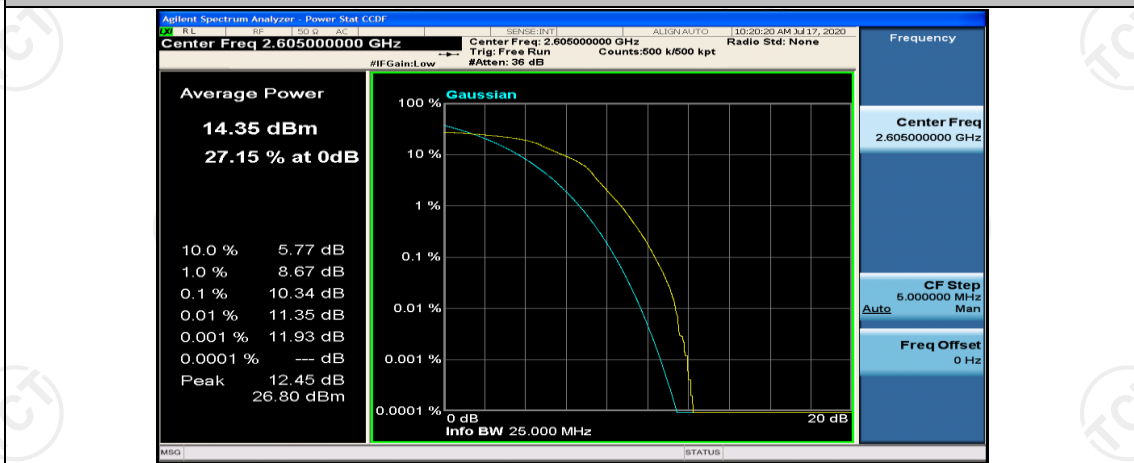
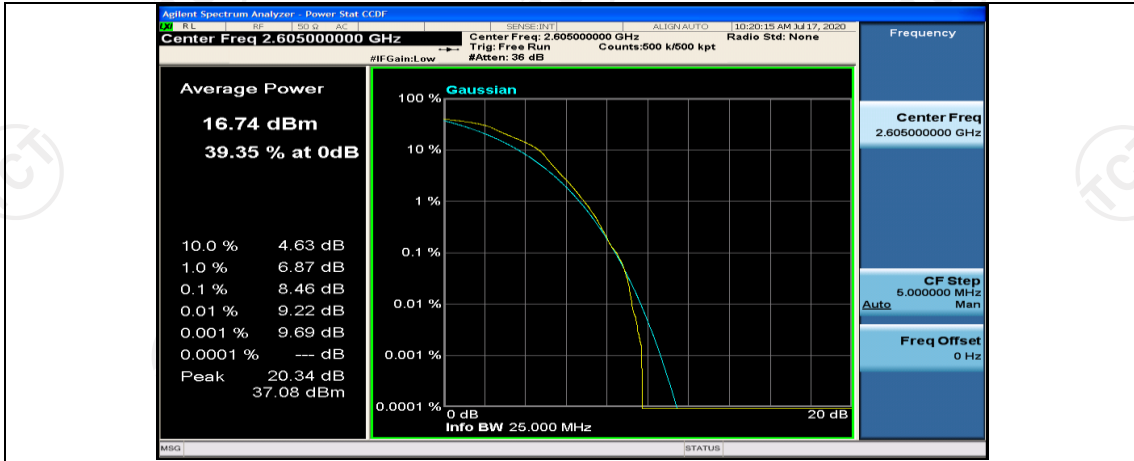


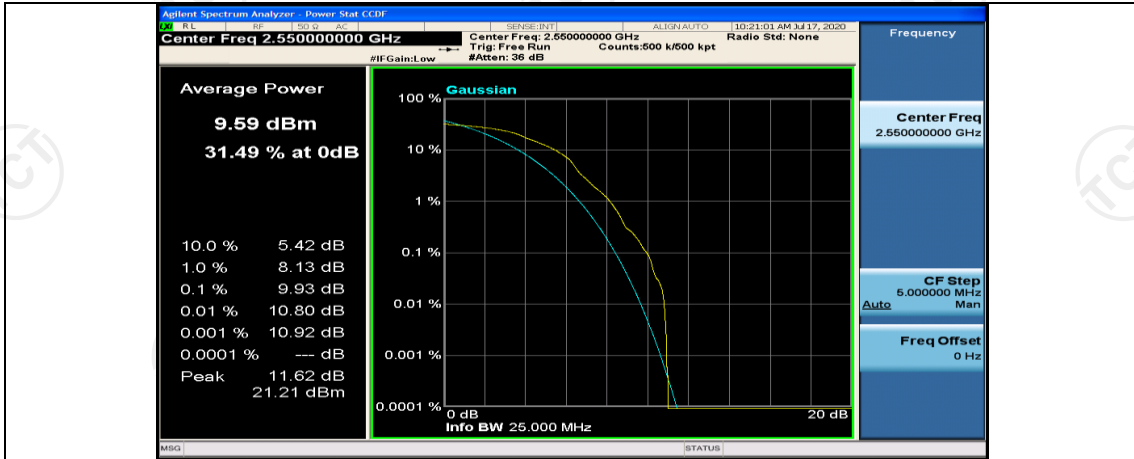
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



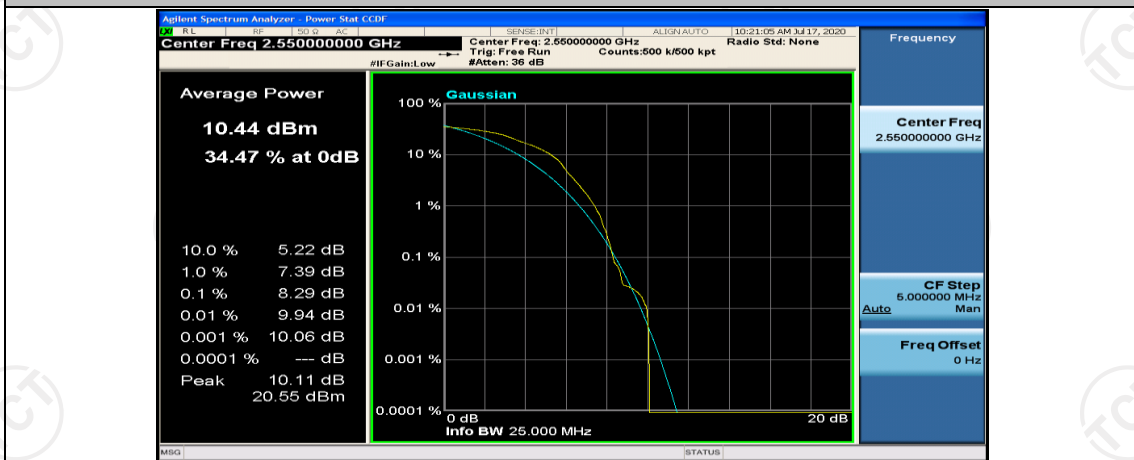




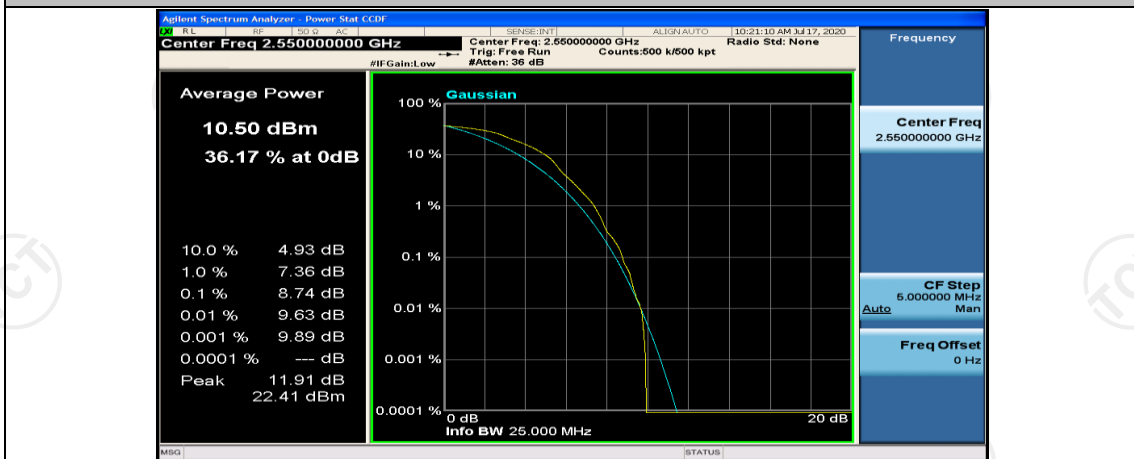




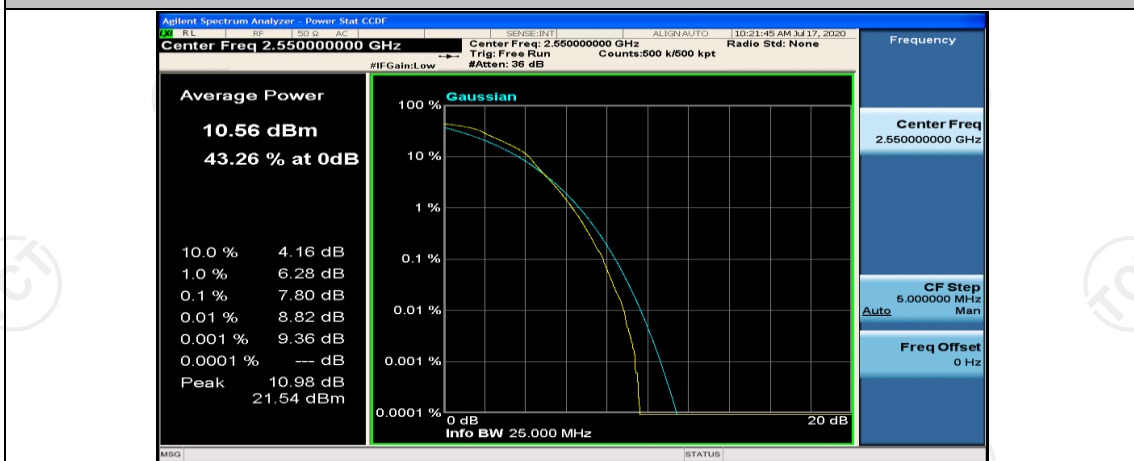
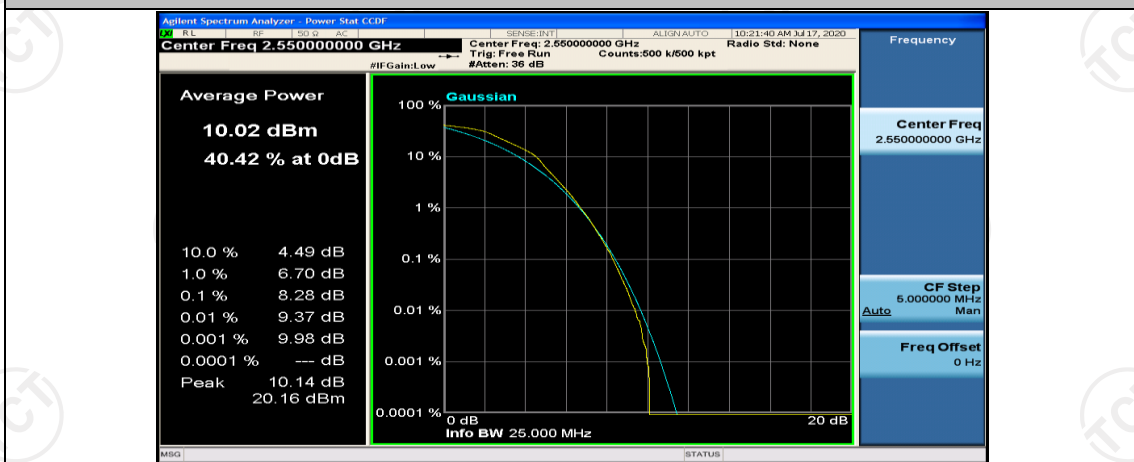
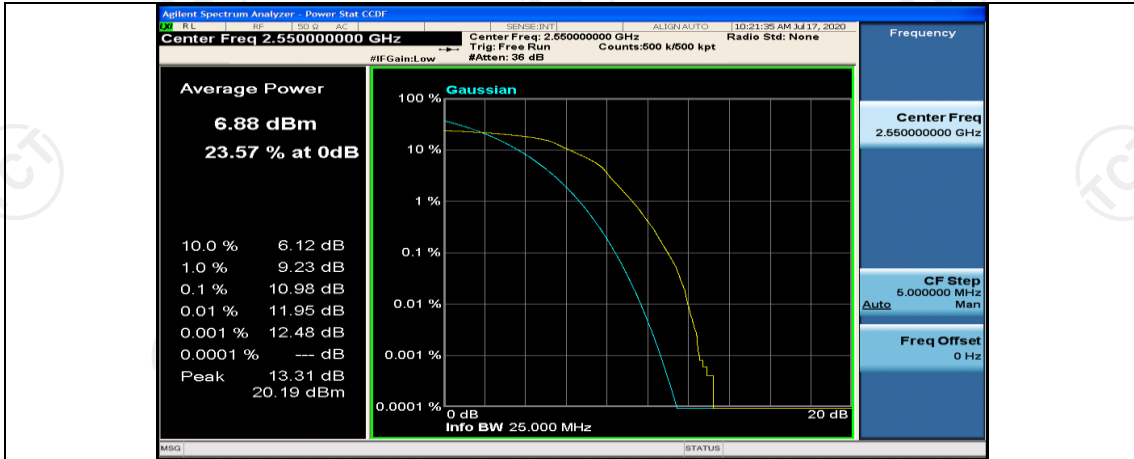
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24

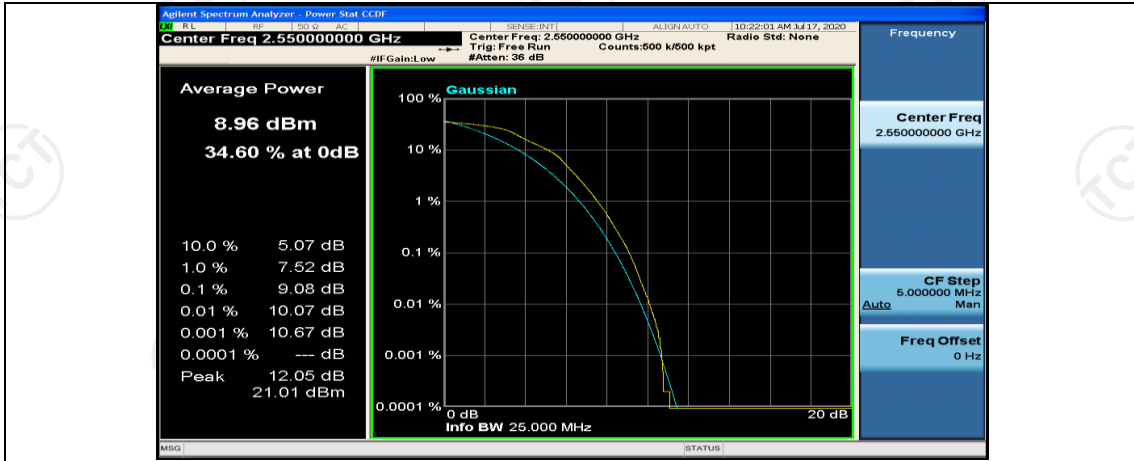


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0





Channel Bandwidth: 15 MHz

