

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	22.97	27.97	PASS
		1	12	22.52	27.52	PASS
		1	24	22.13	27.13	PASS
		12	0	21.53	26.53	PASS
		12	6	21.45	26.45	PASS
		12	13	21.68	26.68	PASS
		25	0	21.64	26.64	PASS
	MCH	1	0	22.26	27.26	PASS
		1	12	21.22	26.22	PASS
		1	24	21.92	26.92	PASS
		12	0	21.45	26.45	PASS
		12	6	20.95	25.95	PASS
		12	13	21.14	26.14	PASS
		25	0	21.17	26.17	PASS
	HCH	1	0	22.64	27.64	PASS
		1	12	22.22	27.22	PASS
		1	24	22.92	27.92	PASS
		12	0	21.96	26.96	PASS
		12	6	21.88	26.88	PASS
		12	13	22.11	27.11	PASS
		25	0	22.06	27.06	PASS
16QAM	LCH	1	0	22.83	27.83	PASS
		1	12	22.41	27.41	PASS
		1	24	21.41	26.41	PASS
		12	0	21.22	26.22	PASS
		12	6	21.15	26.15	PASS
		12	13	21.37	26.37	PASS
		25	0	21.36	26.36	PASS
	MCH	1	0	21.97	26.97	PASS
		1	12	21.13	26.13	PASS
		1	24	21.77	26.77	PASS
		12	0	21.08	26.08	PASS

		12	6	21.70	26.70	PASS
		12	13	21.89	26.89	PASS
		25	0	21.94	26.94	PASS
	HCH	1	0	22.49	27.49	PASS
		1	12	22.10	27.10	PASS
		1	24	22.75	27.75	PASS
		12	0	21.69	26.69	PASS
		12	6	21.60	26.60	PASS
		12	13	21.83	26.83	PASS
		25	0	21.81	26.81	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	21.69	26.69	PASS
		1	24	20.74	25.74	PASS
		1	49	22.58	27.58	PASS
		25	0	21.58	26.58	PASS
		25	12	21.61	26.61	PASS
		25	25	21.06	26.06	PASS
		50	0	20.89	25.89	PASS
	MCH	1	0	22.80	27.80	PASS
		1	24	21.20	26.20	PASS
		1	49	22.20	27.20	PASS
		25	0	21.50	26.50	PASS
		25	12	20.97	25.97	PASS
		25	25	21.26	26.26	PASS
		50	0	21.26	26.26	PASS
	HCH	1	0	23.96	28.96	PASS
		1	24	22.22	27.22	PASS
		1	49	23.97	28.97	PASS
		25	0	22.16	27.16	PASS
		25	12	21.89	26.89	PASS
		25	25	22.08	27.08	PASS
		50	0	22.17	27.17	PASS
16QAM	LCH	1	0	21.46	26.46	PASS
		1	24	21.51	26.51	PASS
		1	49	22.37	27.37	PASS
		25	0	21.29	26.29	PASS
		25	12	21.34	26.34	PASS

		25	25	21.78	26.78	PASS
		50	0	21.59	26.59	PASS
	MCH	1	0	22.77	27.77	PASS
		1	24	21.07	26.07	PASS
		1	49	22.10	27.10	PASS
		25	0	21.13	26.13	PASS
		25	12	21.71	26.71	PASS
		25	25	21.00	26.00	PASS
		50	0	20.97	25.97	PASS
	HCH	1	0	23.27	28.27	PASS
		1	24	22.01	27.01	PASS
		1	49	23.33	28.33	PASS
		25	0	21.94	26.94	PASS
		25	12	21.67	26.67	PASS
		25	25	21.85	26.85	PASS
50		0	21.89	26.89	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	21.57	26.57	PASS
		1	37	21.15	26.15	PASS
		1	74	23.22	28.22	PASS
		37	0	20.84	25.84	PASS
		37	18	20.97	25.97	PASS
		37	38	21.88	26.88	PASS
		75	0	21.33	26.33	PASS
	MCH	1	0	23.09	28.09	PASS
		1	37	21.32	26.32	PASS
		1	74	22.58	27.58	PASS
		37	0	21.68	26.68	PASS
		37	18	21.05	26.05	PASS
		37	38	21.08	26.08	PASS
		75	0	21.43	26.43	PASS
	HCH	1	0	23.76	28.76	PASS
		1	37	22.42	27.42	PASS
		1	74	23.87	28.87	PASS
		37	0	22.36	27.36	PASS
		37	18	22.09	27.09	PASS
		37	38	22.11	27.11	PASS

		75	0	22.40	27.40	PASS
16QAM	LCH	1	0	21.50	26.50	PASS
		1	37	21.00	26.00	PASS
		1	74	23.04	28.04	PASS
		37	0	21.56	26.56	PASS
		37	18	21.69	26.69	PASS
		37	38	21.54	26.54	PASS
		75	0	21.01	26.01	PASS
	MCH	1	0	22.70	27.70	PASS
		1	37	21.24	26.24	PASS
		1	74	22.48	27.48	PASS
		37	0	21.27	26.27	PASS
		37	18	20.76	25.76	PASS
		37	38	20.70	25.70	PASS
		75	0	21.14	26.14	PASS
	HCH	1	0	23.50	28.50	PASS
		1	37	22.28	27.28	PASS
		1	74	23.31	28.31	PASS
		37	0	21.86	26.86	PASS
		37	18	21.87	26.87	PASS
		37	38	21.89	26.89	PASS
		75	0	22.13	27.13	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	21.62	26.62	PASS
		1	49	21.82	26.82	PASS
		1	99	23.83	28.83	PASS
		50	0	21.00	26.00	PASS
		50	25	21.28	26.28	PASS
		50	50	22.16	27.16	PASS
		100	0	21.57	26.57	PASS
	MCH	1	0	23.13	28.13	PASS
		1	49	21.42	26.42	PASS
		1	99	22.92	27.92	PASS
		50	0	21.78	26.78	PASS
		50	25	21.09	26.09	PASS
		50	50	21.30	26.30	PASS
		100	0	21.62	26.62	PASS

	HCH	1	0	23.19	28.19	PASS
		1	49	22.83	27.83	PASS
		1	99	23.92	28.92	PASS
		50	0	22.35	27.35	PASS
		50	25	22.43	27.43	PASS
		50	50	22.28	27.28	PASS
		100	0	22.79	27.79	PASS
16QAM	LCH	1	0	21.58	26.58	PASS
		1	49	21.79	26.79	PASS
		1	99	23.57	28.57	PASS
		50	0	20.71	25.71	PASS
		50	25	20.98	25.98	PASS
		50	50	21.82	26.82	PASS
		100	0	21.24	26.24	PASS
	MCH	1	0	22.79	27.79	PASS
		1	49	21.33	26.33	PASS
		1	99	22.74	27.74	PASS
		50	0	21.42	26.42	PASS
		50	25	20.84	25.84	PASS
		50	50	20.93	25.93	PASS
		100	0	21.33	26.33	PASS
	HCH	1	0	22.90	27.90	PASS
		1	49	22.56	27.56	PASS
		1	99	23.31	28.31	PASS
		50	0	21.94	26.94	PASS
		50	25	22.18	27.18	PASS
		50	50	22.03	27.03	PASS
		100	0	22.50	27.50	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	5.02	<13	PASS
		1	12	5.46	<13	PASS
		1	24	5.08	<13	PASS
		12	0	5.78	<13	PASS
		12	6	5.85	<13	PASS
		12	13	5.79	<13	PASS
		25	0	5.84	<13	PASS
	MCH	1	0	4.83	<13	PASS
		1	12	5.64	<13	PASS
		1	24	5.17	<13	PASS
		12	0	5.58	<13	PASS
		12	6	5.93	<13	PASS
		12	13	5.8	<13	PASS
		25	0	5.86	<13	PASS
	HCH	1	0	4.48	<13	PASS
		1	12	4.9	<13	PASS
		1	24	4.04	<13	PASS
		12	0	5.17	<13	PASS
		12	6	5.14	<13	PASS
		12	13	4.97	<13	PASS
		25	0	5.07	<13	PASS
16QAM	LCH	1	0	5.58	<13	PASS
		1	12	5.92	<13	PASS
		1	24	5.6	<13	PASS
		12	0	5.81	<13	PASS
		12	6	5.91	<13	PASS
		12	13	5.73	<13	PASS

	MCH	25	0	5.84	<13	PASS
		1	0	5.26	<13	PASS
		1	12	5.92	<13	PASS
		1	24	5.52	<13	PASS
		12	0	6.09	<13	PASS
		12	6	6.31	<13	PASS
		12	13	6.29	<13	PASS
		25	0	6.33	<13	PASS
	HCH	1	0	4.95	<13	PASS
		1	12	5.23	<13	PASS
		1	24	4.57	<13	PASS
		12	0	5.55	<13	PASS
		12	6	5.59	<13	PASS
		12	13	5.42	<13	PASS
		25	0	5.49	<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	4.86	<13	PASS
		1	24	5.4	<13	PASS
		1	49	4.55	<13	PASS
		25	0	5.84	<13	PASS
		25	12	5.88	<13	PASS
		25	25	5.77	<13	PASS
		50	0	5.89	<13	PASS
		MCH	1	0	4.51	<13
	1		24	5.51	<13	PASS
	1		49	5.07	<13	PASS
	25		0	5.62	<13	PASS
	25		12	5.91	<13	PASS
	25		25	5.8	<13	PASS
	50		0	5.85	<13	PASS
	HCH		1	0	3.39	<13
		1	24	4.8	<13	PASS
		1	49	3.15	<13	PASS
		25	0	4.96	<13	PASS
		25	12	5.23	<13	PASS
		25	25	5.09	<13	PASS
		50	0	5.15	<13	PASS

16QAM	LCH	1	0	5.47	<13	PASS
		1	24	6.21	<13	PASS
		1	49	5.07	<13	PASS
		25	0	5.84	<13	PASS
		25	12	5.9	<13	PASS
		25	25	5.71	<13	PASS
		50	0	5.87	<13	PASS
	MCH	1	0	4.85	<13	PASS
		1	24	6.23	<13	PASS
		1	49	5.64	<13	PASS
		25	0	6.12	<13	PASS
		25	12	6.35	<13	PASS
		25	25	6.35	<13	PASS
		50	0	6.34	<13	PASS
	HCH	1	0	4.37	<13	PASS
		1	24	5.35	<13	PASS
		1	49	4.23	<13	PASS
		25	0	5.38	<13	PASS
		25	12	5.62	<13	PASS
		25	25	5.55	<13	PASS
		50	0	5.49	<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	5	<13	PASS
		1	37	5.41	<13	PASS
		1	74	4.25	<13	PASS
		37	0	5.81	<13	PASS
		37	18	5.82	<13	PASS
		37	38	5.5	<13	PASS
		75	0	6.02	<13	PASS
	MCH	1	0	4.35	<13	PASS
		1	37	5.51	<13	PASS
		1	74	4.9	<13	PASS
		37	0	5.56	<13	PASS
		37	18	5.87	<13	PASS
		37	38	5.88	<13	PASS
		75	0	6.1	<13	PASS
	HCH	1	0	3.55	<13	PASS

		1	37	4.6	<13	PASS
		1	74	3.29	<13	PASS
		37	0	4.78	<13	PASS
		37	18	5.02	<13	PASS
		37	38	5.12	<13	PASS
		75	0	5.28	<13	PASS
		16QAM	LCH	1	0	5.52
1	37			6.07	<13	PASS
1	74			4.83	<13	PASS
37	0			5.8	<13	PASS
37	18			5.8	<13	PASS
37	38			5.96	<13	PASS
75	0			5.93	<13	PASS
MCH	1		0	5.05	<13	PASS
	1		37	6.02	<13	PASS
	1		74	5.32	<13	PASS
	37		0	6.09	<13	PASS
	37		18	6.4	<13	PASS
	37		38	6.51	<13	PASS
	75		0	6.48	<13	PASS
HCH	1		0	3.93	<13	PASS
	1		37	5.06	<13	PASS
	1		74	4.16	<13	PASS
	37		0	5.33	<13	PASS
	37		18	5.41	<13	PASS
	37		38	5.5	<13	PASS
	75		0	5.57	<13	PASS

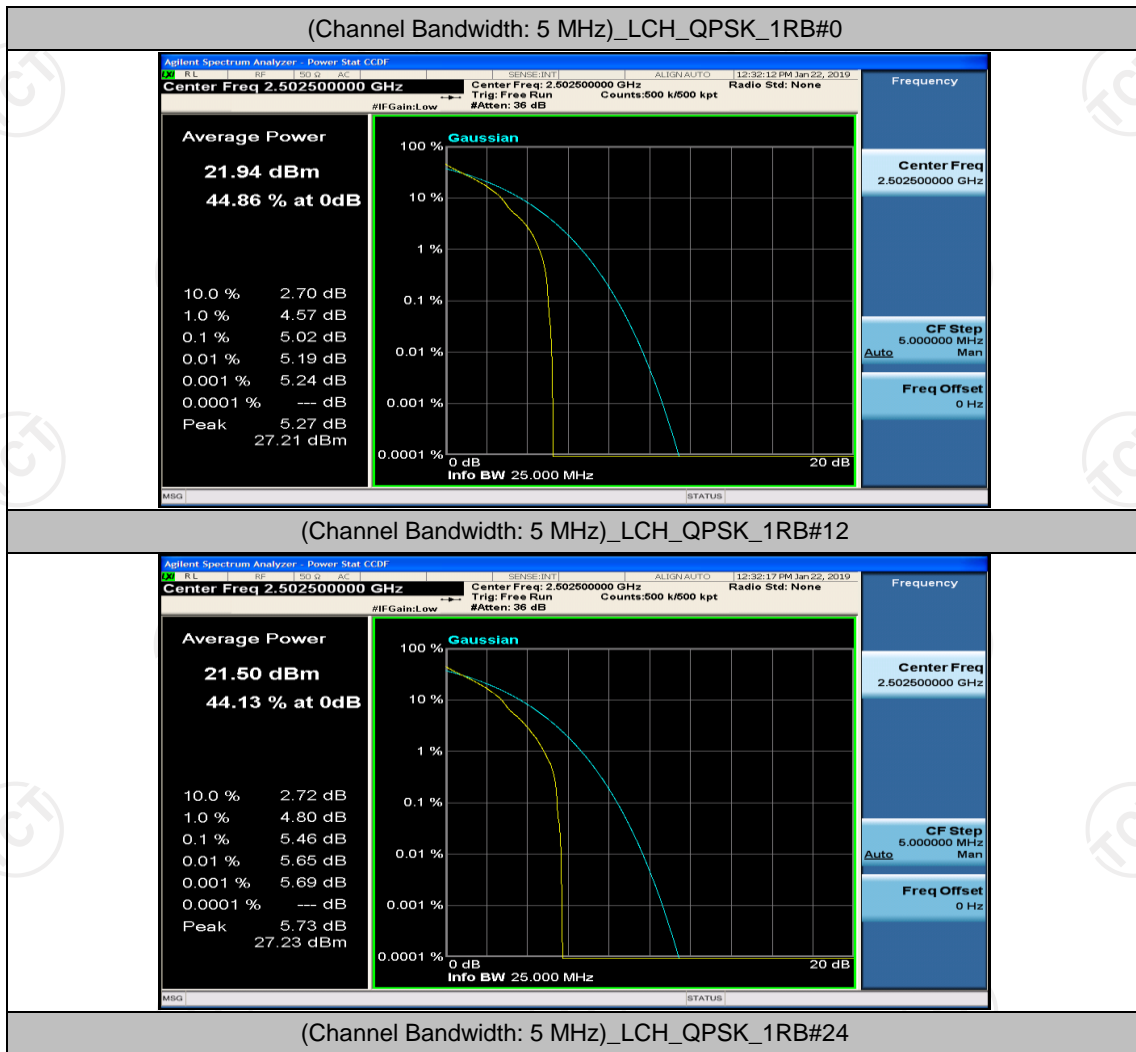
Channel Bandwidth: 20 MHz

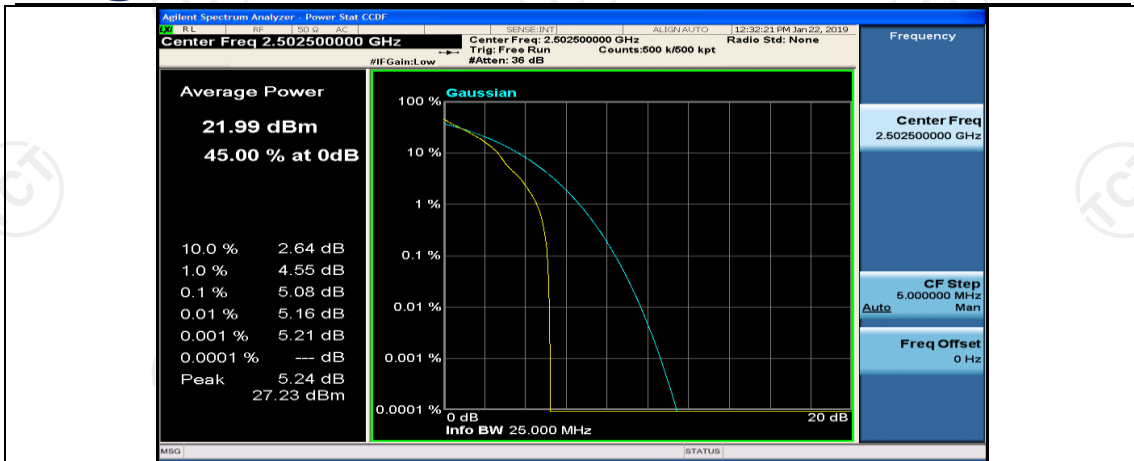
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.1	<13	PASS
		1	49	5.15	<13	PASS
		1	99	3.84	<13	PASS
		50	0	5.79	<13	PASS
		50	25	5.78	<13	PASS
		50	50	5.42	<13	PASS
		100	0	5.77	<13	PASS
	MCH	1	0	4.35	<13	PASS
		1	49	5.42	<13	PASS

		1	99	4.67	<13	PASS	
		50	0	5.56	<13	PASS	
		50	25	5.9	<13	PASS	
		50	50	5.85	<13	PASS	
		100	0	5.87	<13	PASS	
	HCH	1	0	4.14	<13	PASS	
		1	49	4.25	<13	PASS	
		1	99	3.29	<13	PASS	
		50	0	4.98	<13	PASS	
		50	25	4.9	<13	PASS	
		50	50	5.14	<13	PASS	
		100	0	5.17	<13	PASS	
	16QAM	LCH	1	0	5.51	<13	PASS
			1	49	5.65	<13	PASS
1			99	4.39	<13	PASS	
50			0	5.79	<13	PASS	
50			25	5.73	<13	PASS	
50			50	5.92	<13	PASS	
100			0	5.89	<13	PASS	
MCH		1	0	4.76	<13	PASS	
		1	49	6.03	<13	PASS	
		1	99	5.13	<13	PASS	
		50	0	6.08	<13	PASS	
		50	25	6.44	<13	PASS	
		50	50	6.42	<13	PASS	
		100	0	6.4	<13	PASS	
HCH		1	0	4.64	<13	PASS	
		1	49	4.58	<13	PASS	
		1	99	4.04	<13	PASS	
		50	0	5.47	<13	PASS	
		50	25	5.2	<13	PASS	
		50	50	5.51	<13	PASS	
		100	0	5.56	<13	PASS	

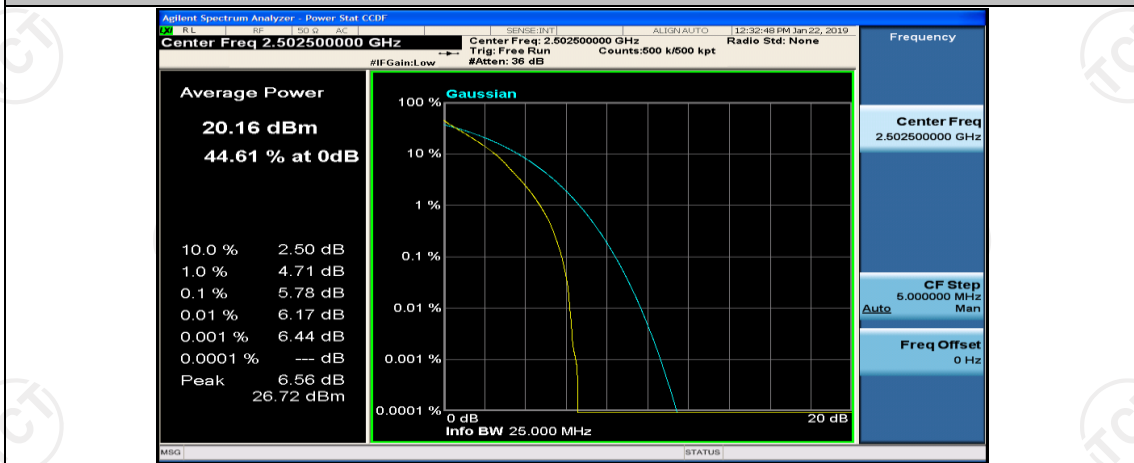
Test Graphs

Channel Bandwidth: 5 MHz

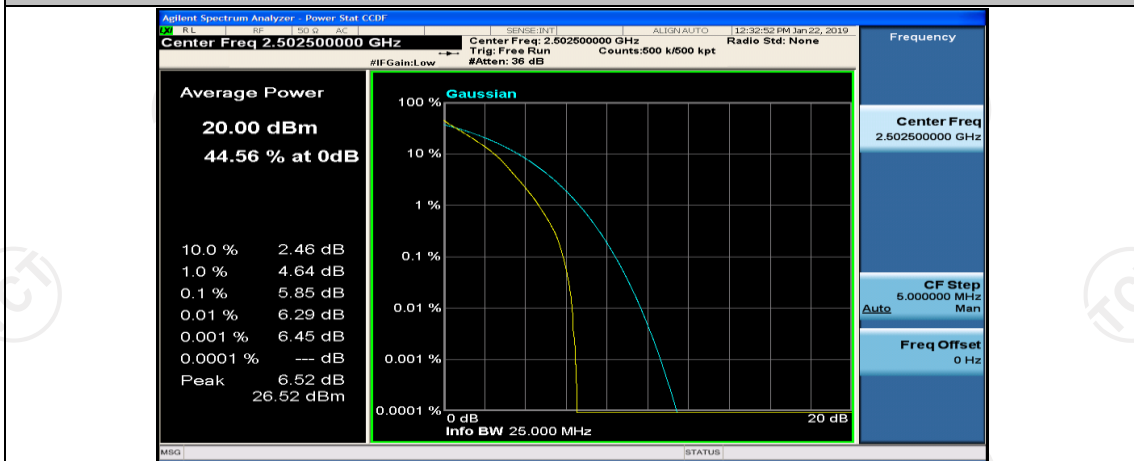




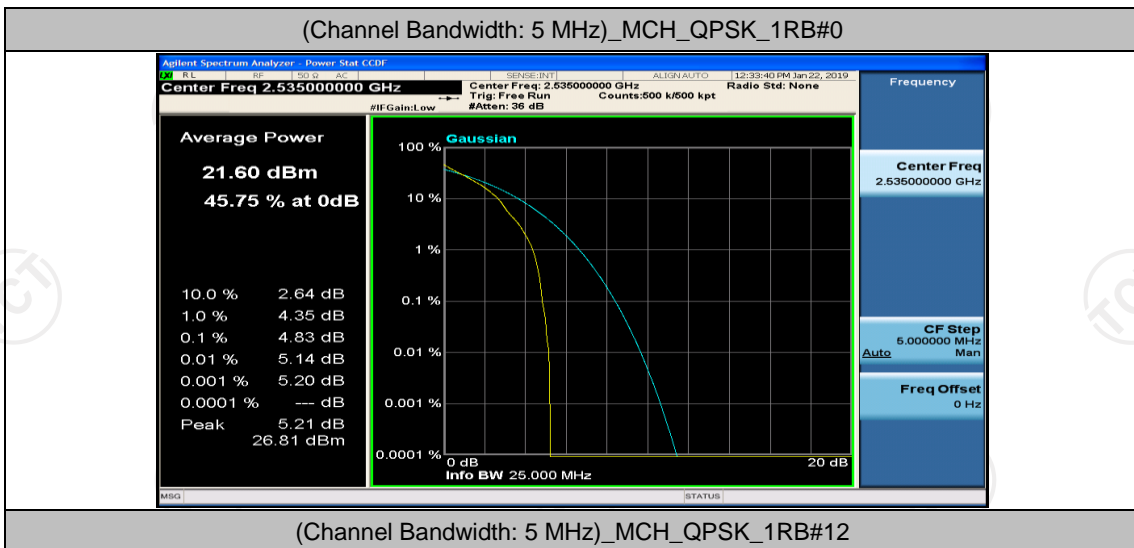
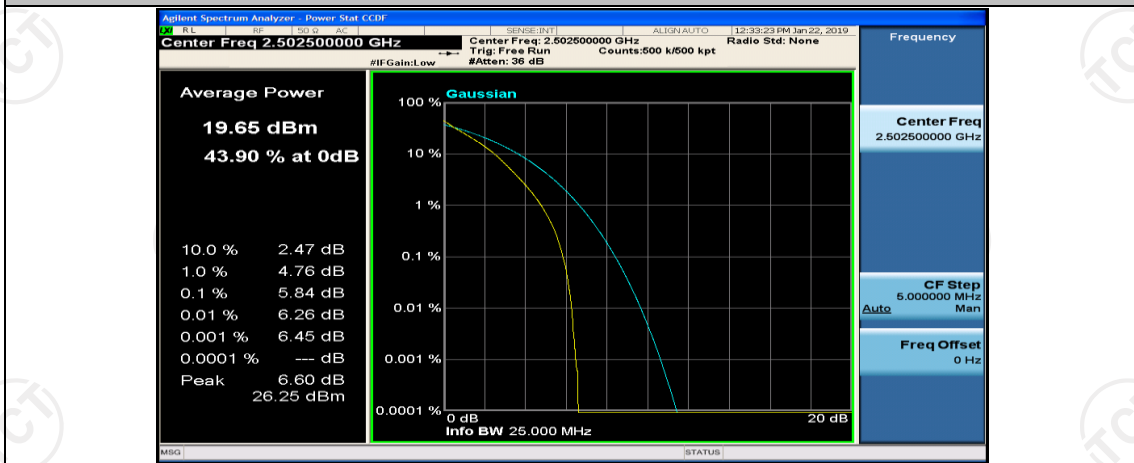
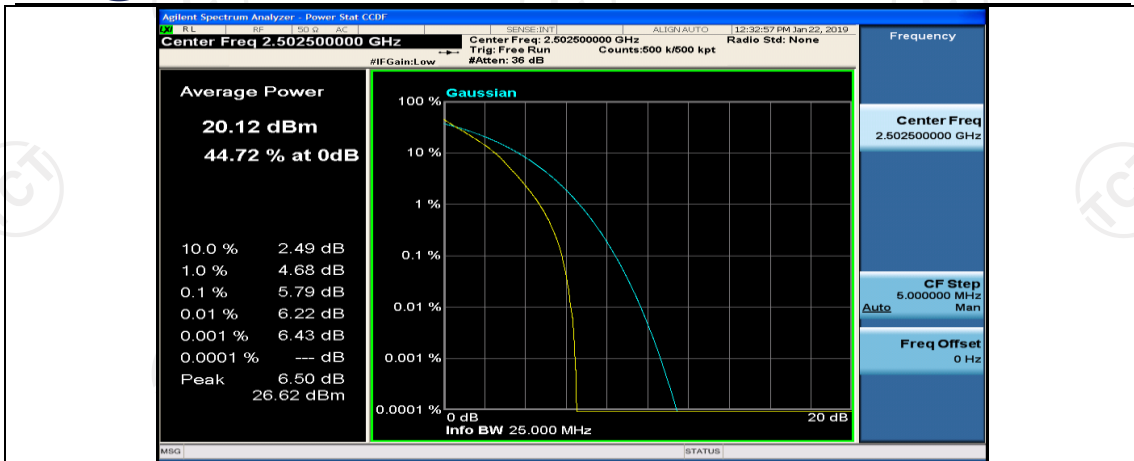
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0

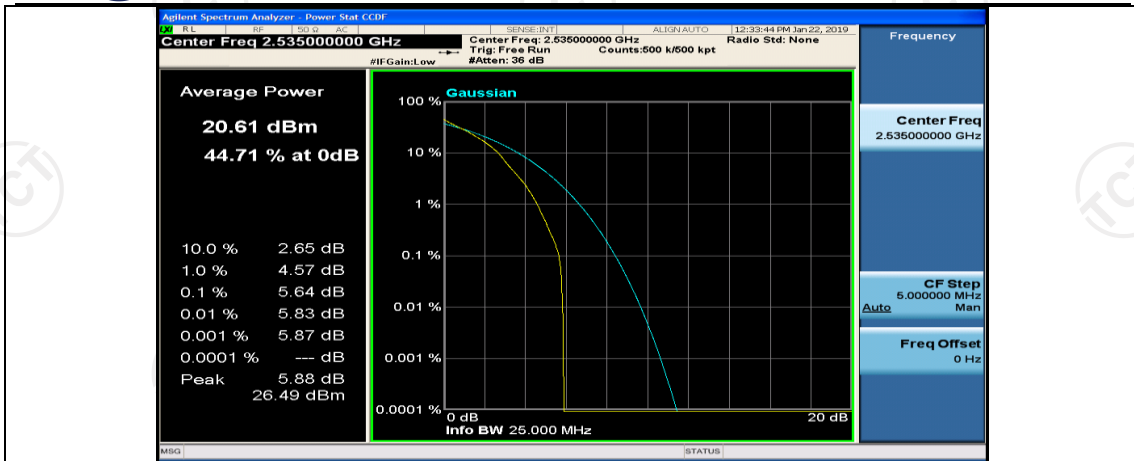


(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6

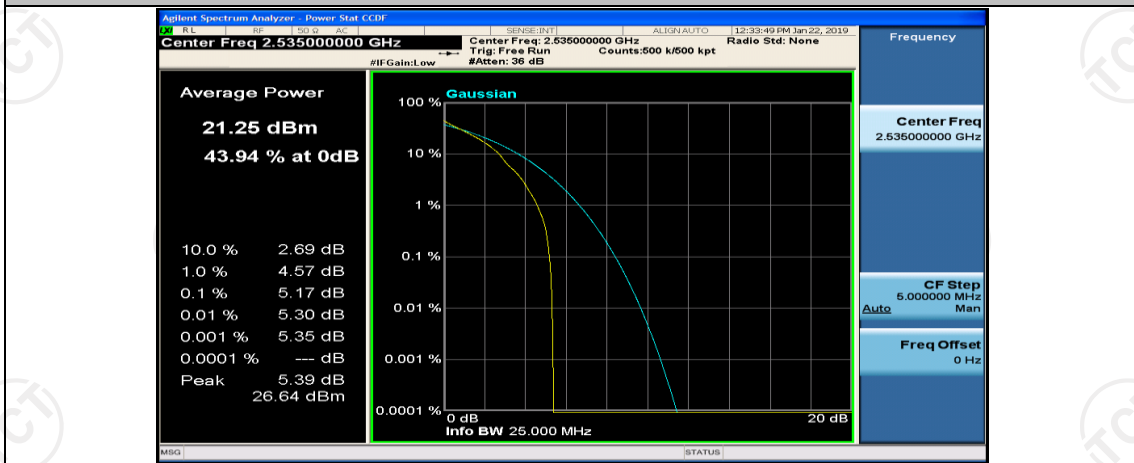


(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13

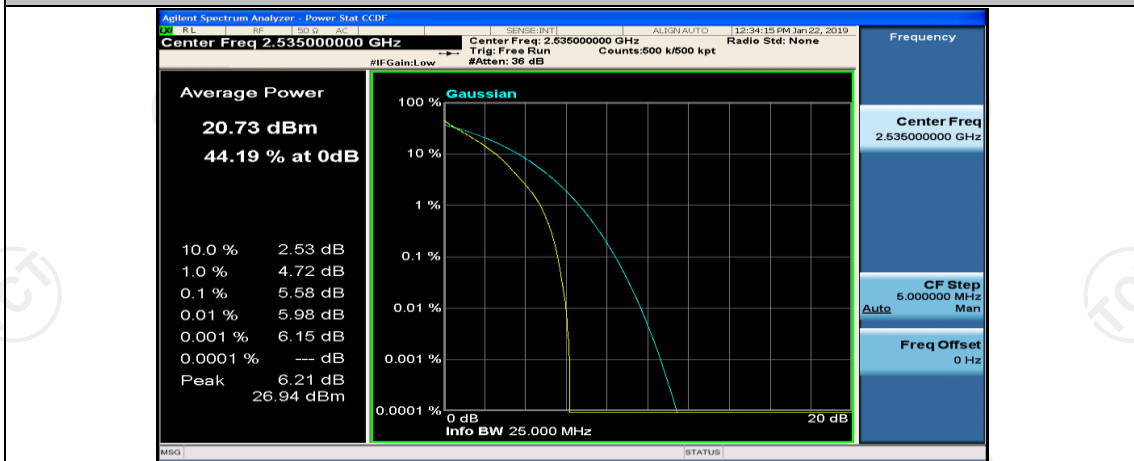




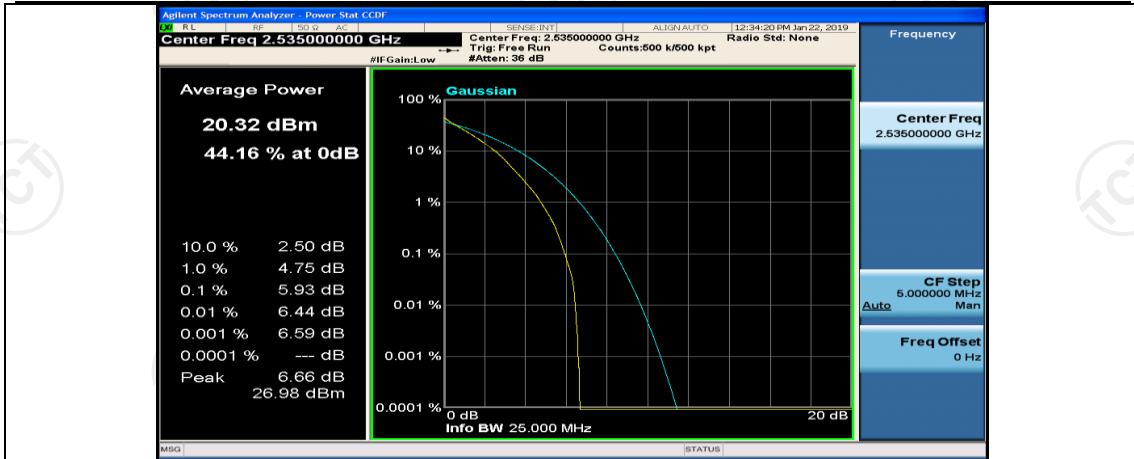
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



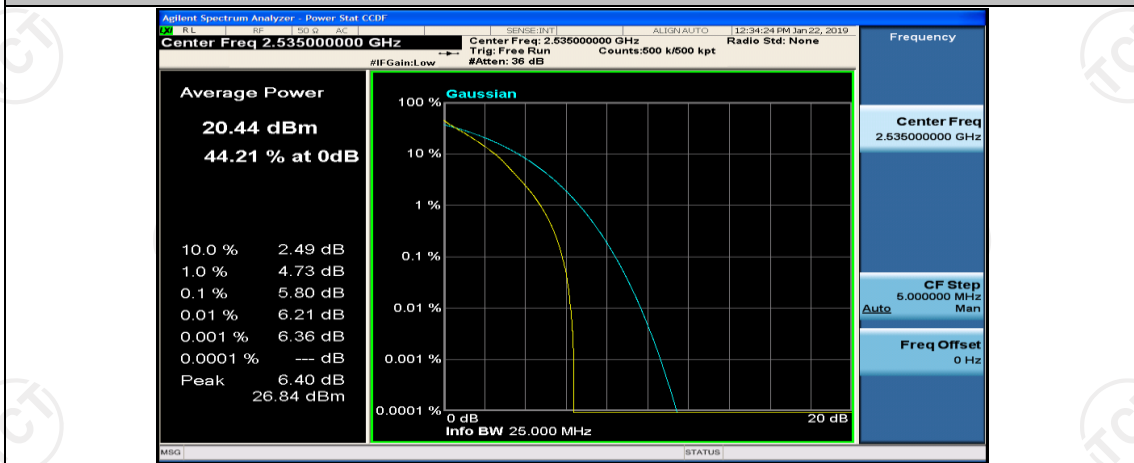
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



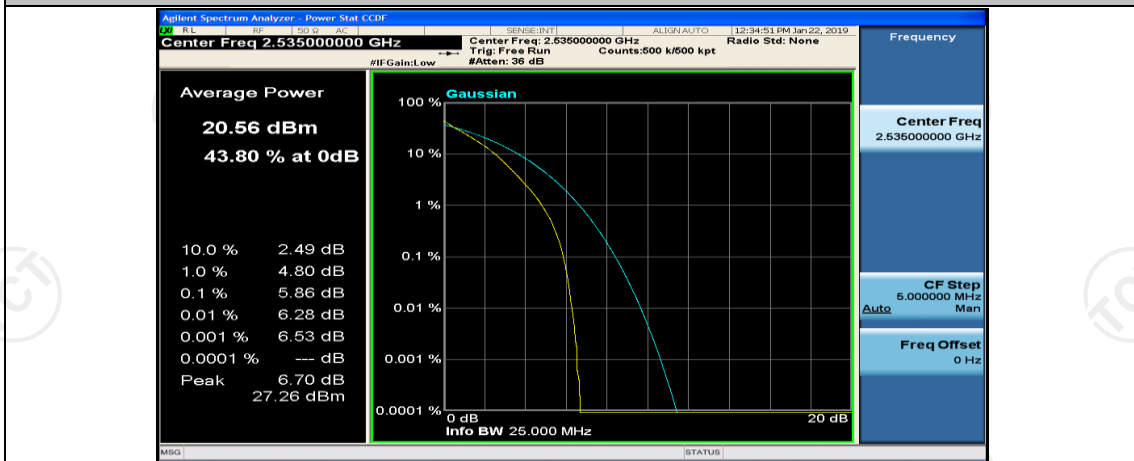
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



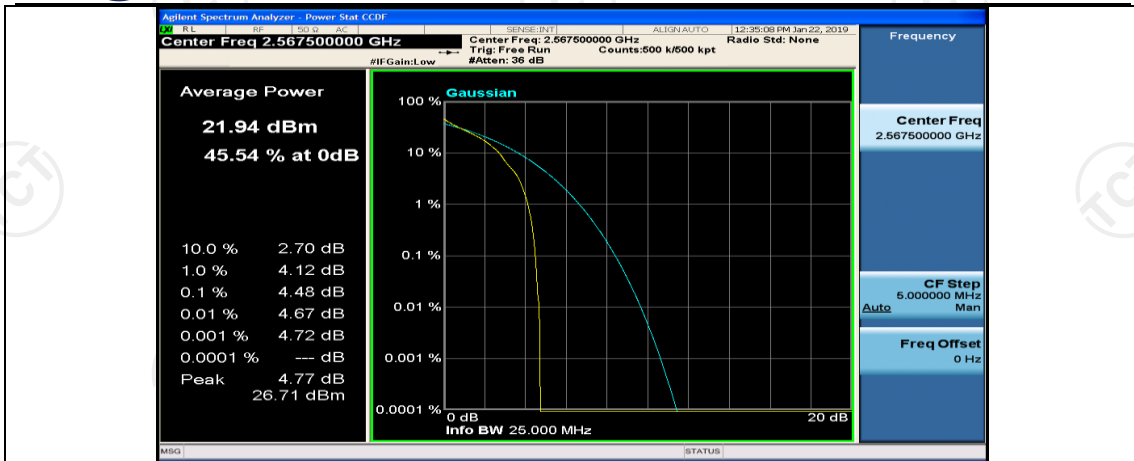
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



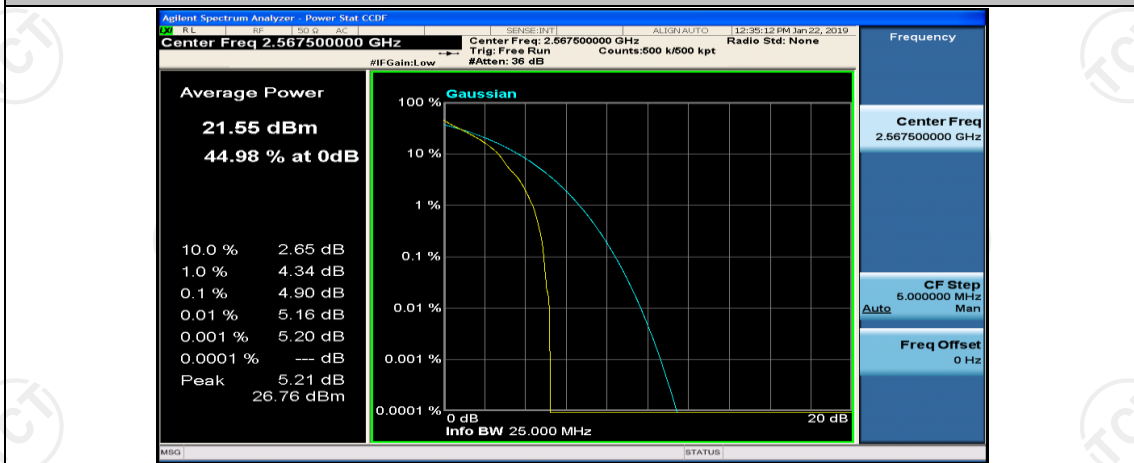
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



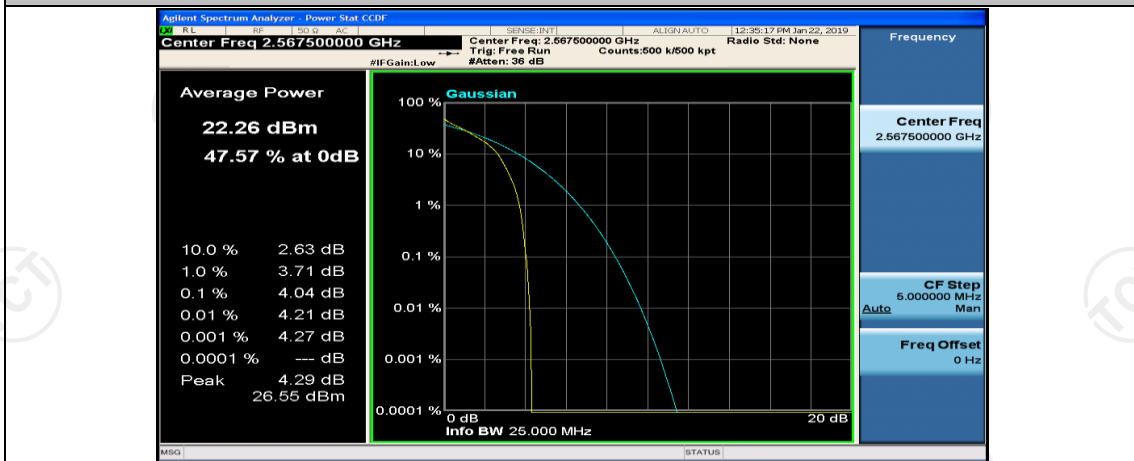
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



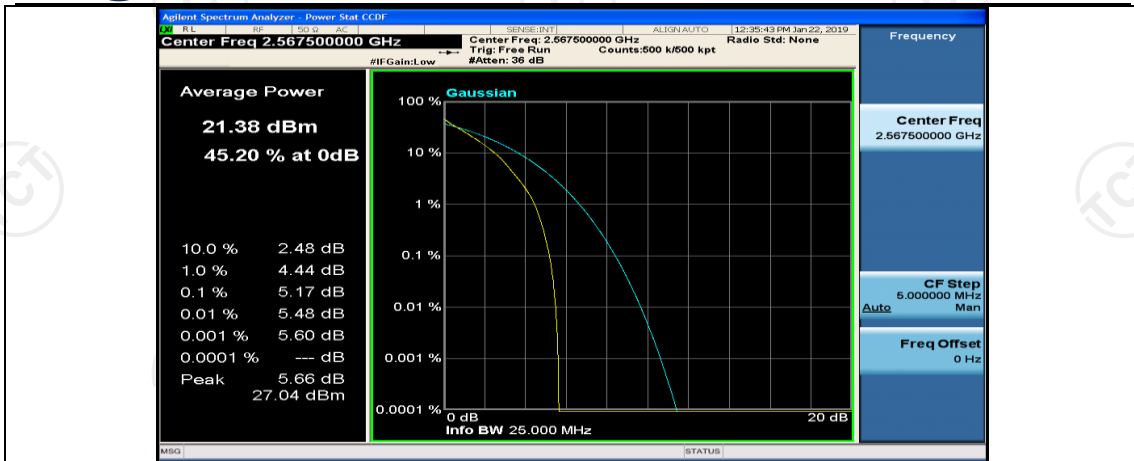
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



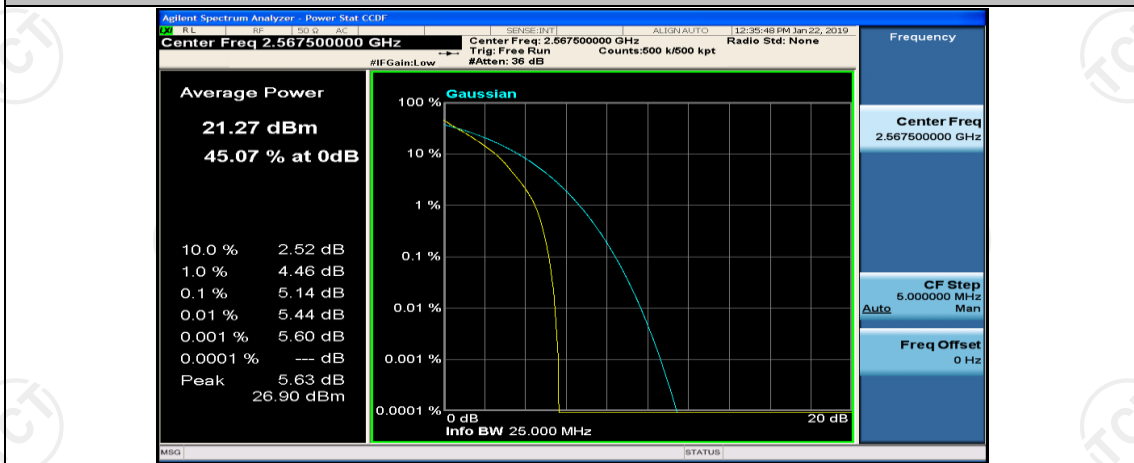
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



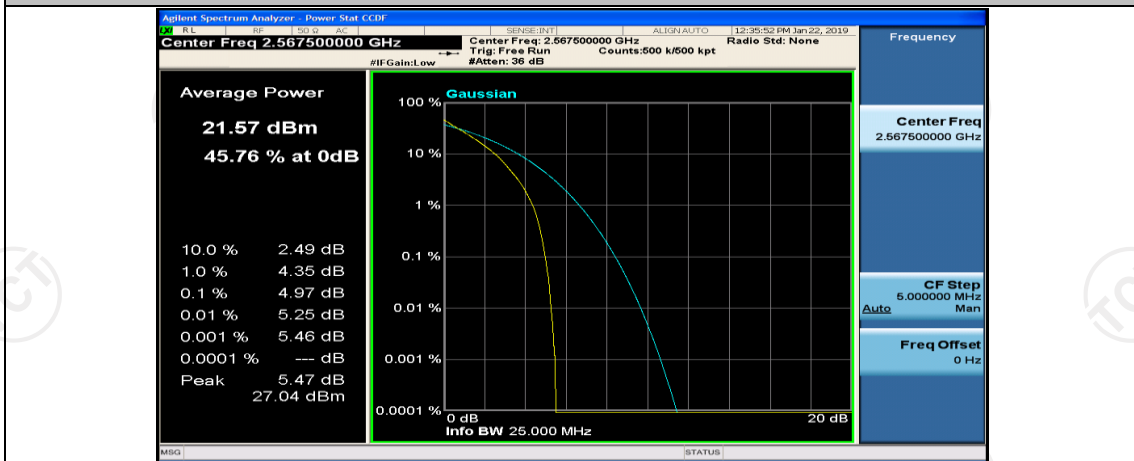
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



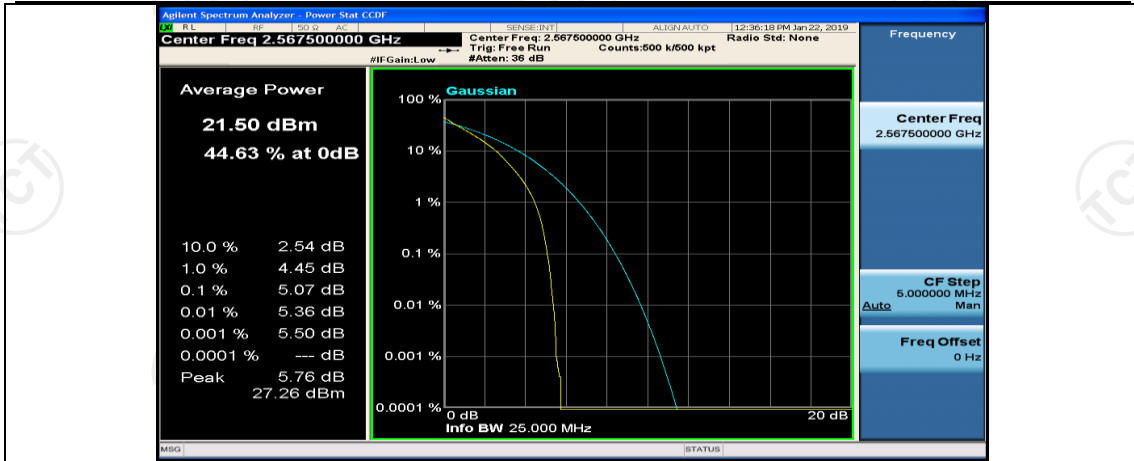
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



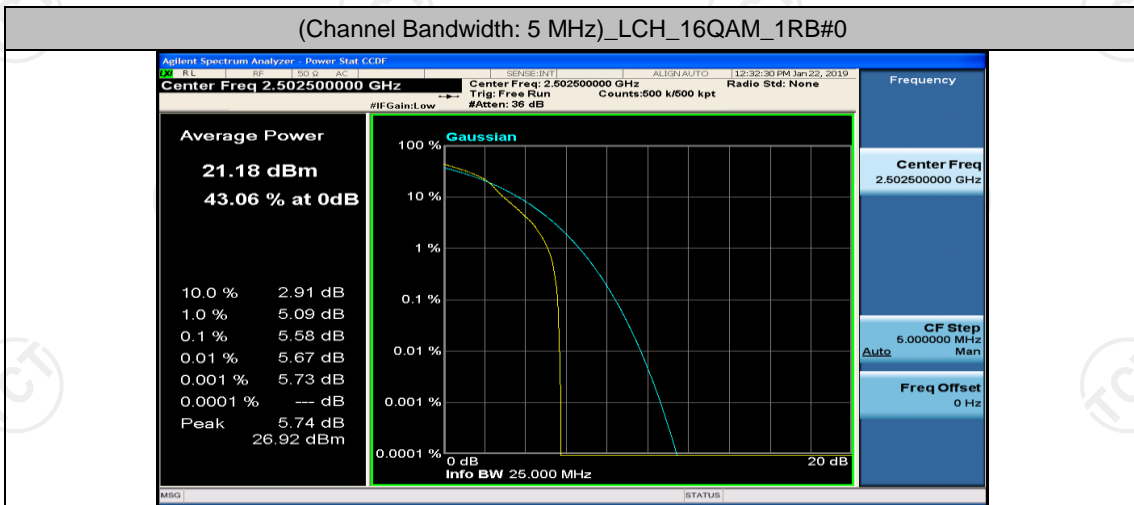
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



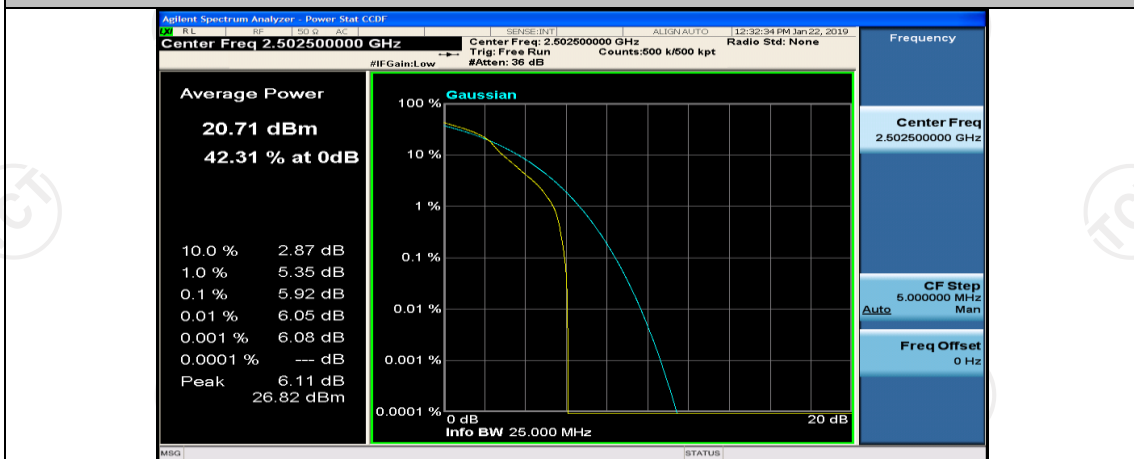
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



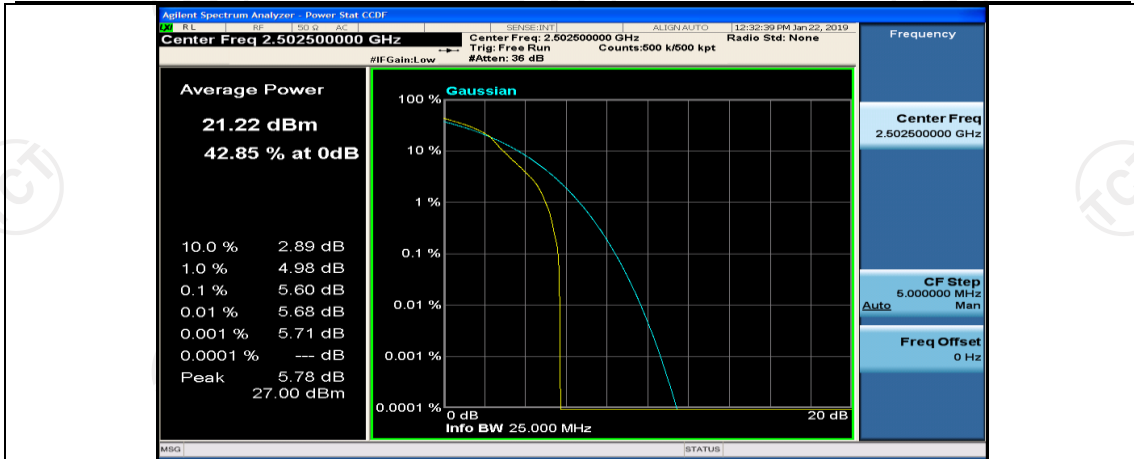
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



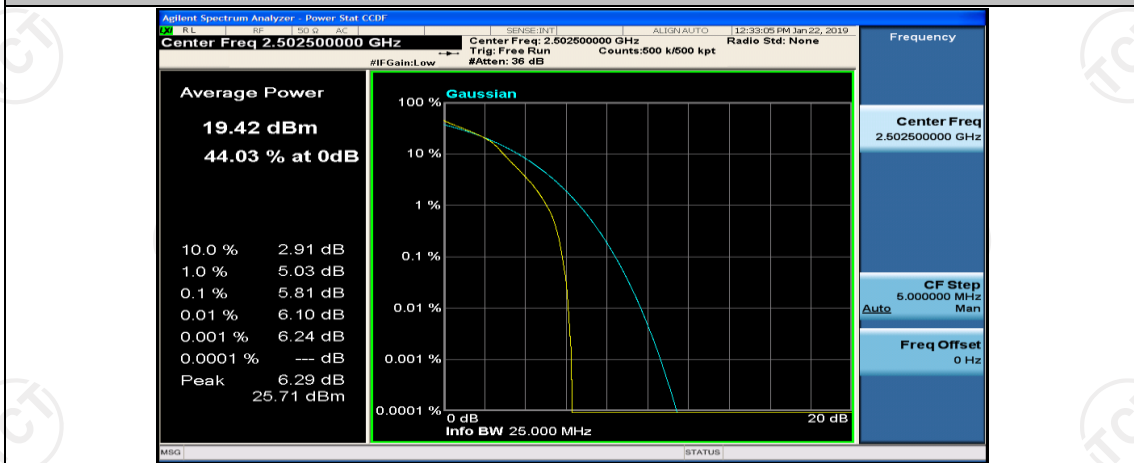
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



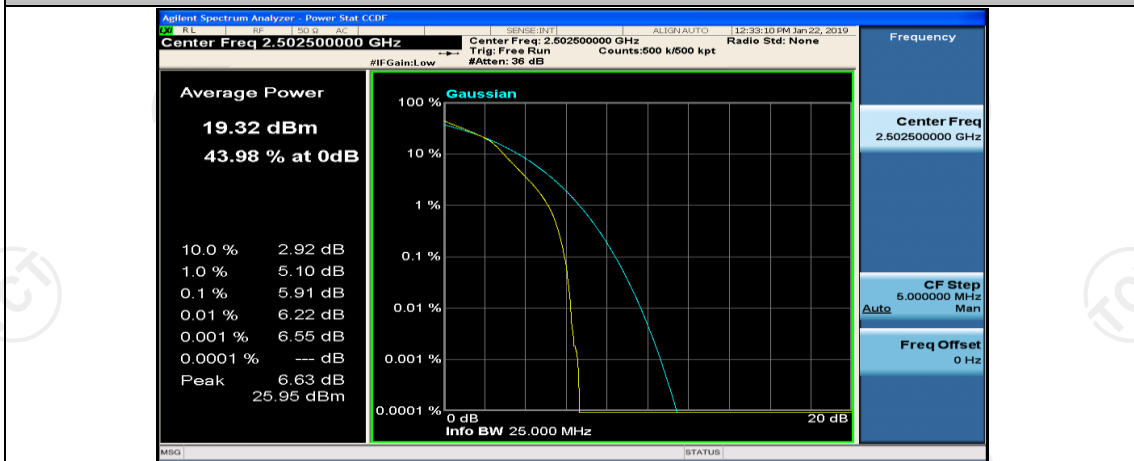
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



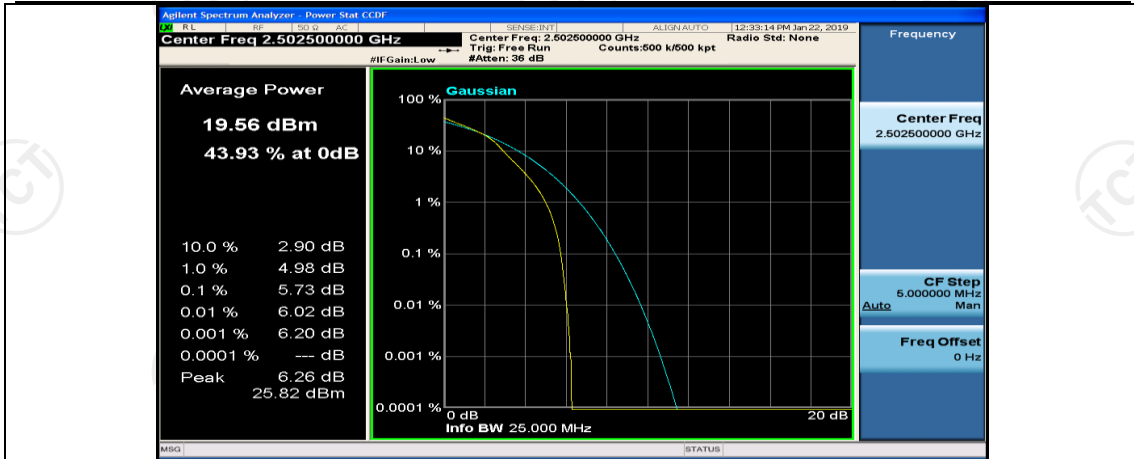
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



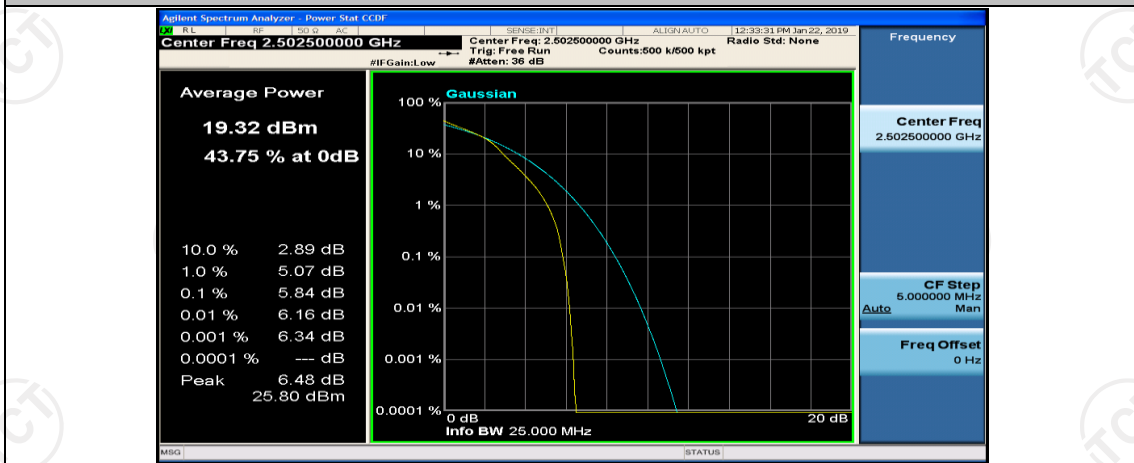
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



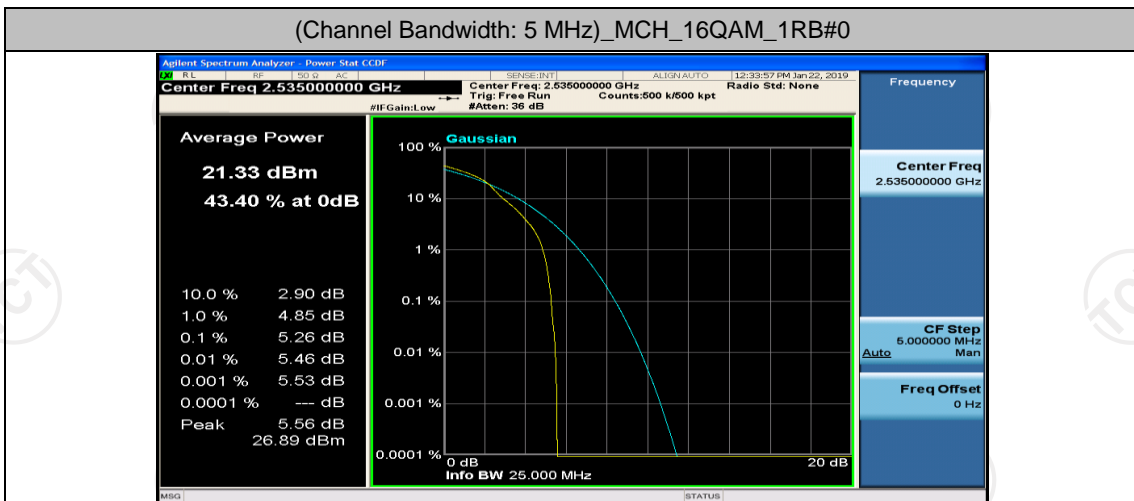
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



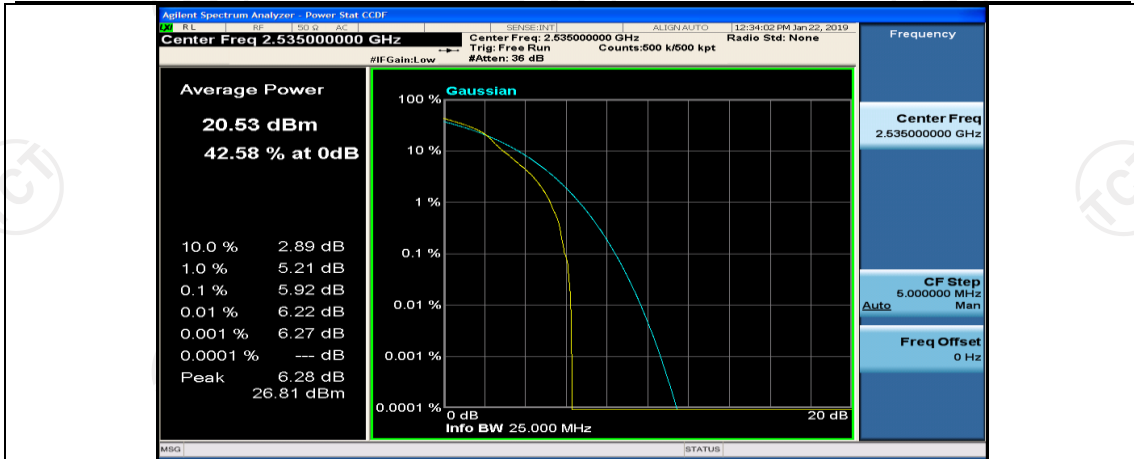
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



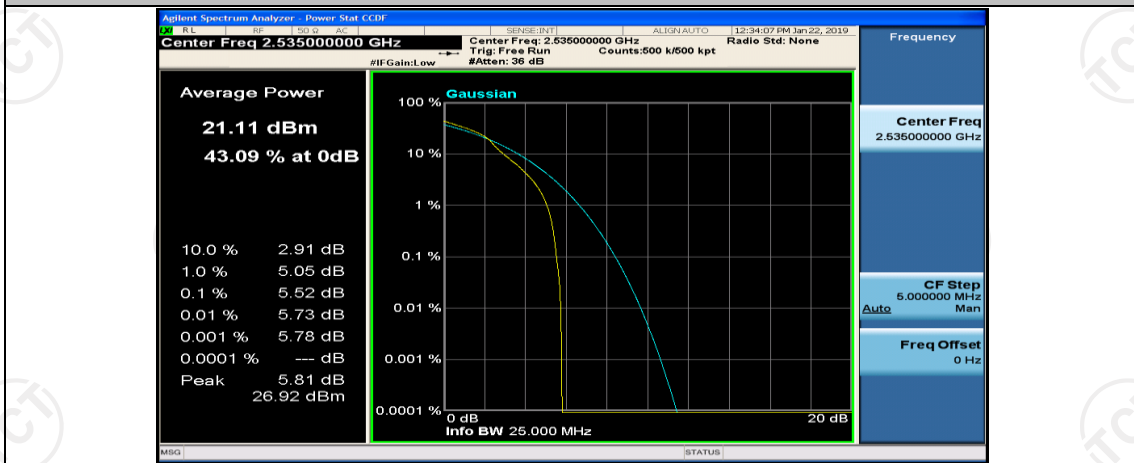
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



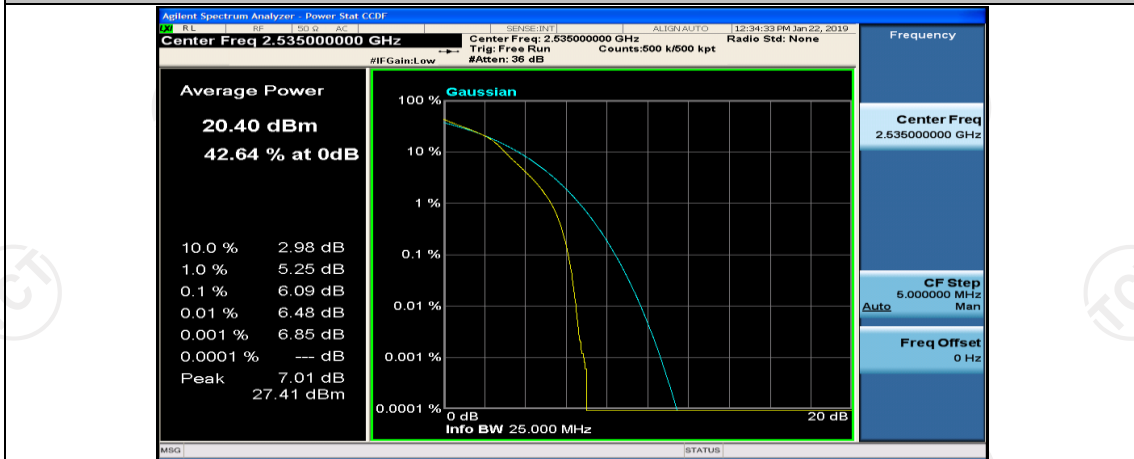
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



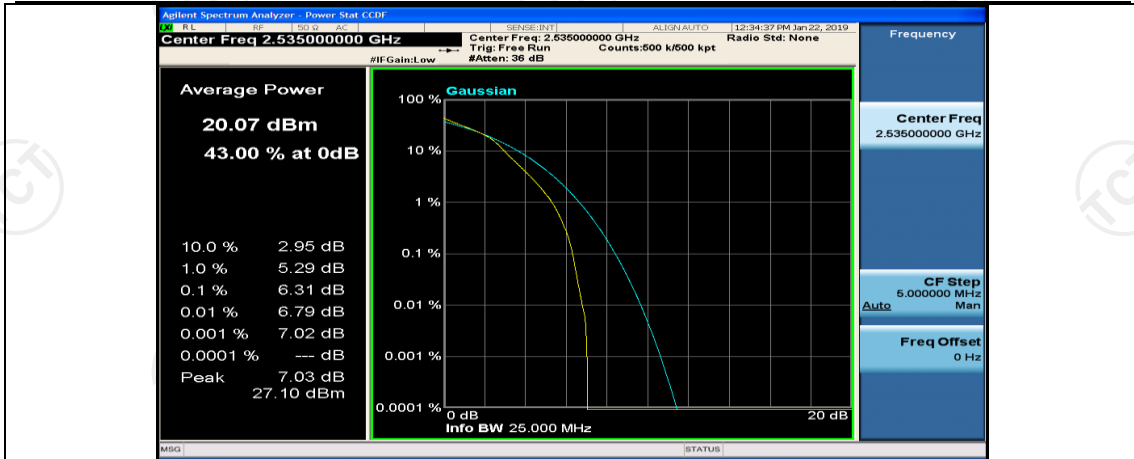
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



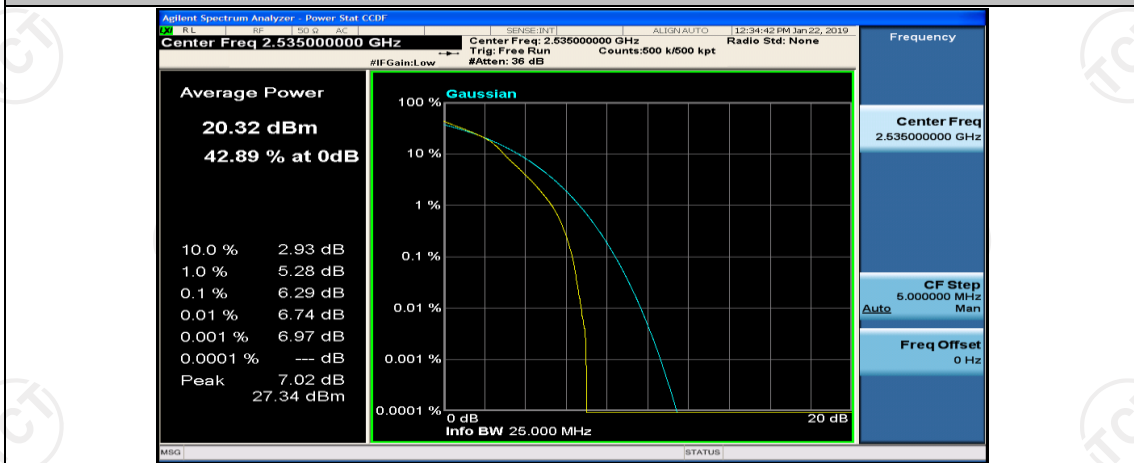
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



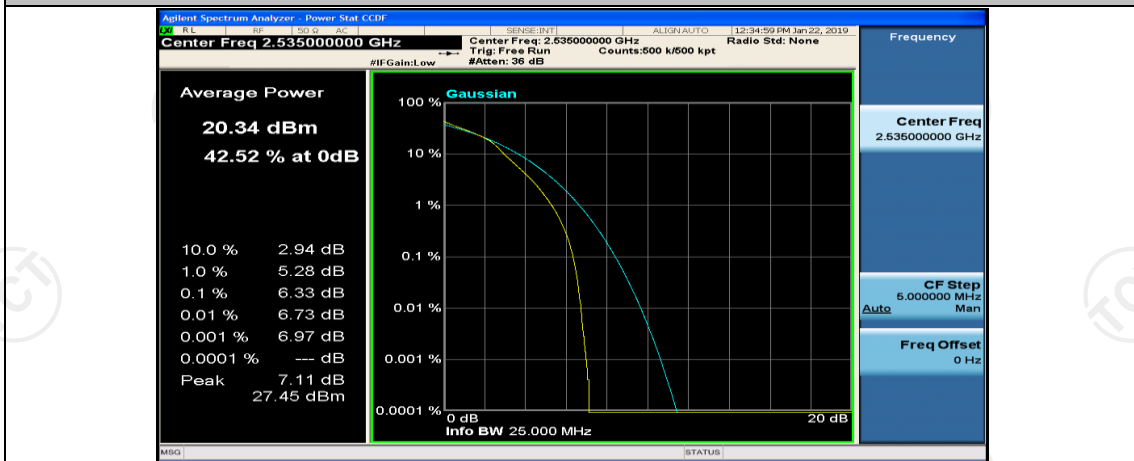
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



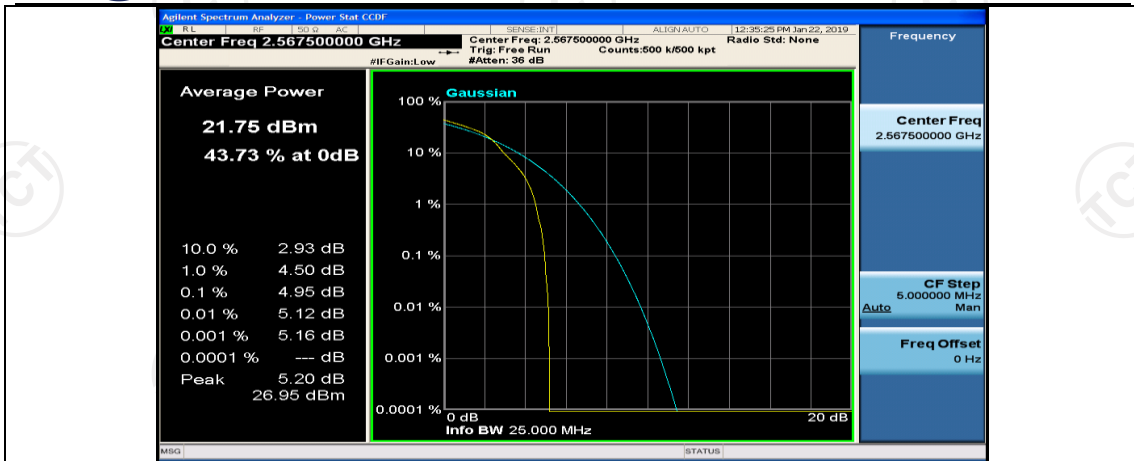
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



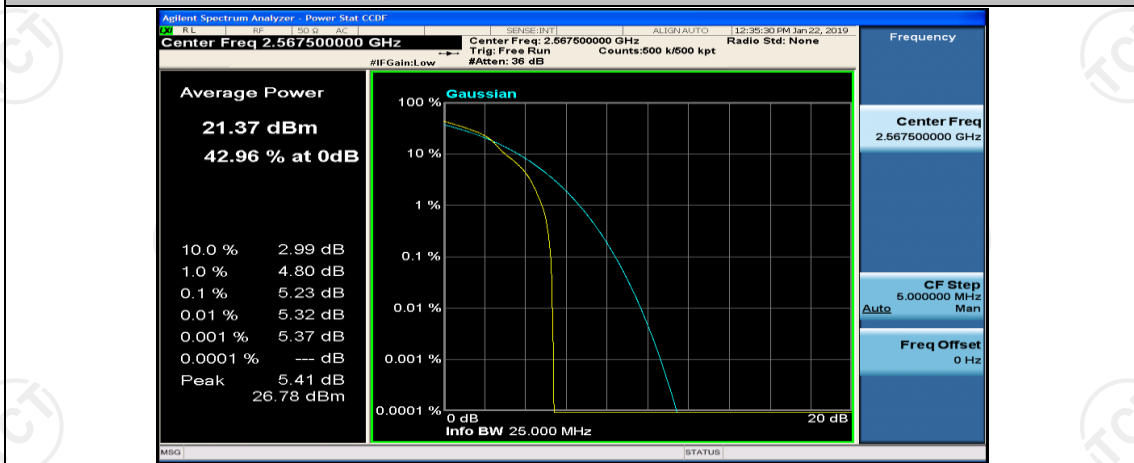
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



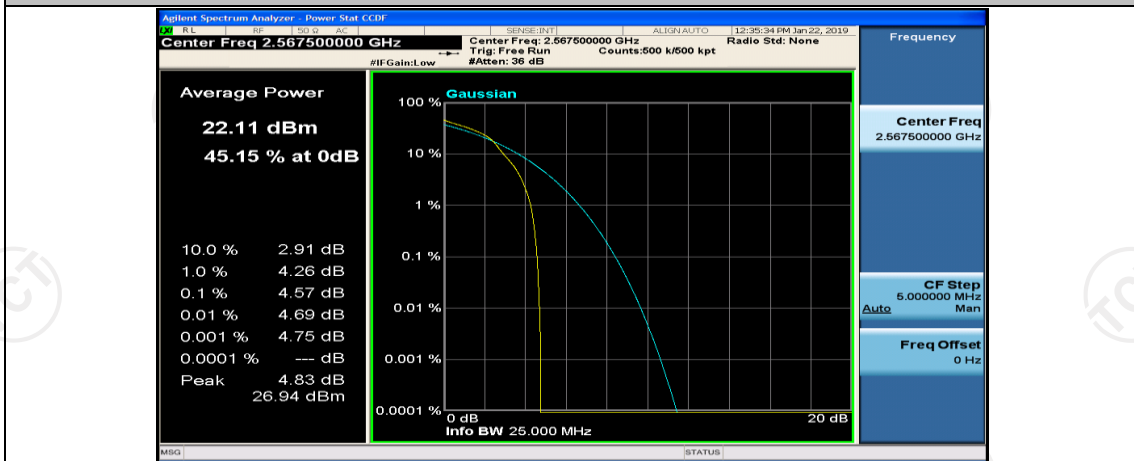
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



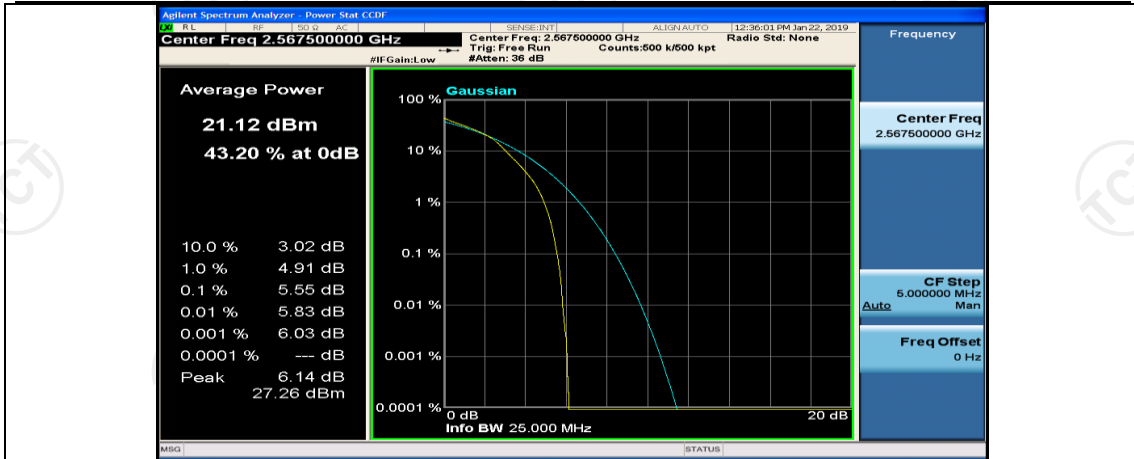
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



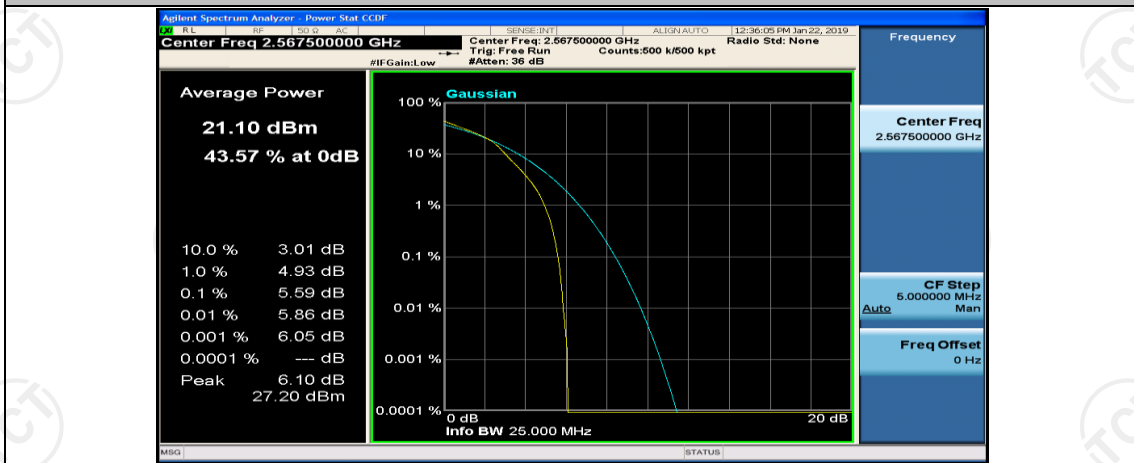
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



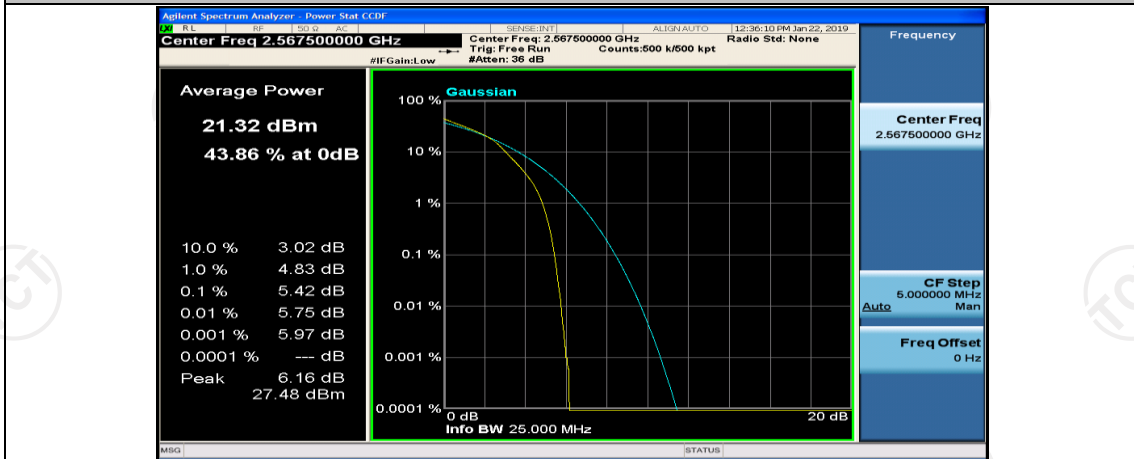
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



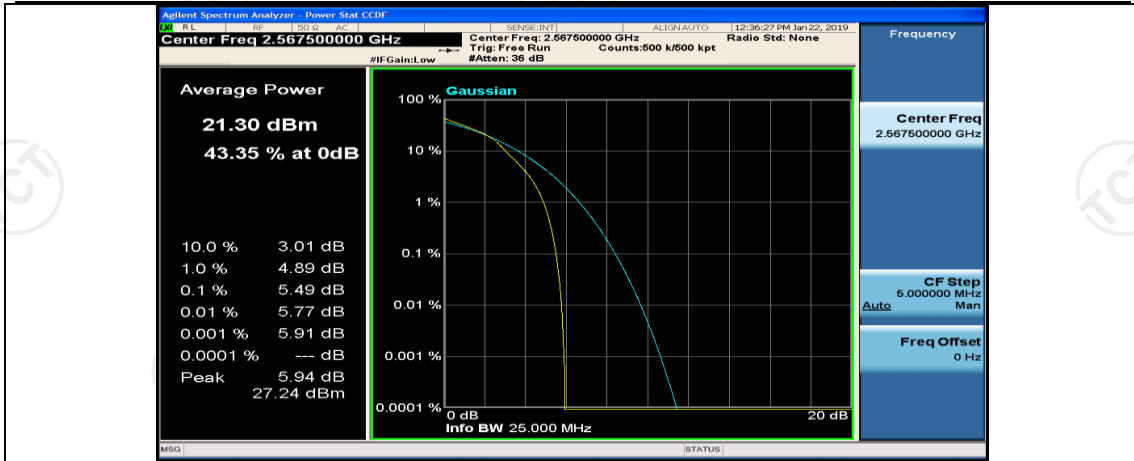
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



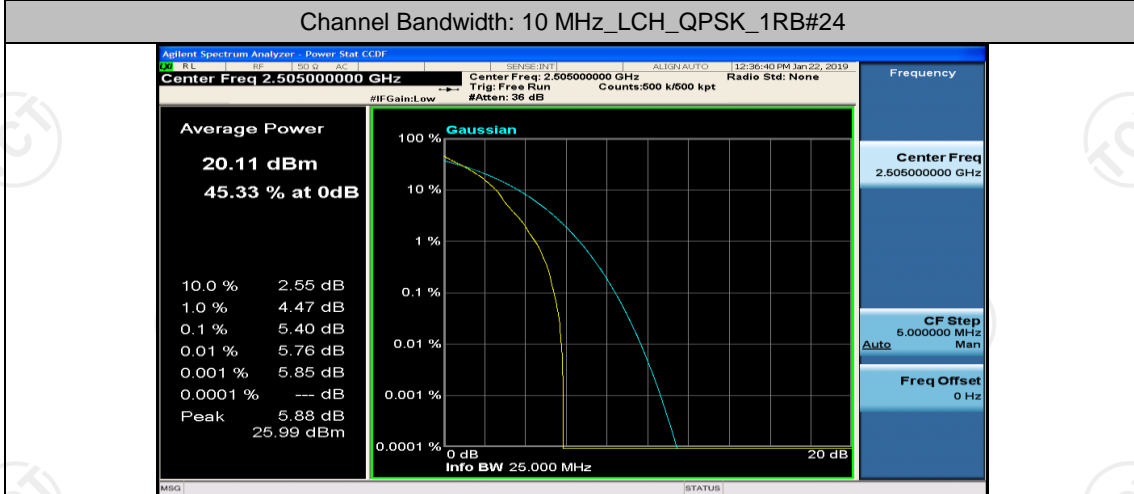
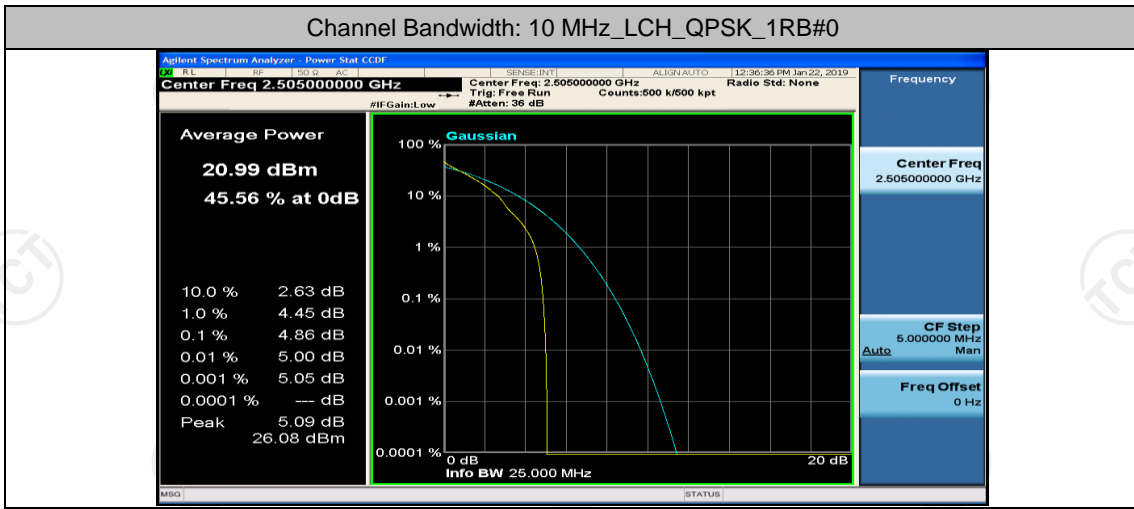
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

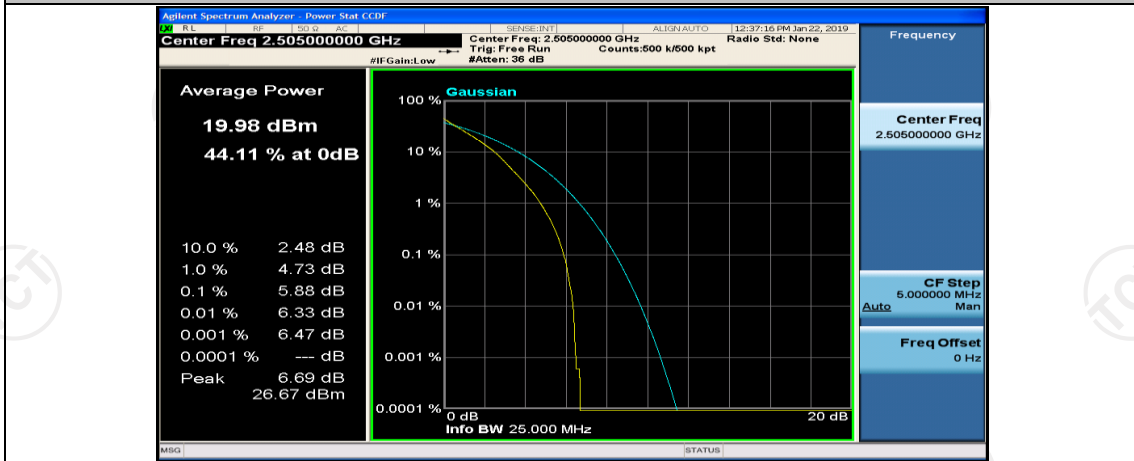
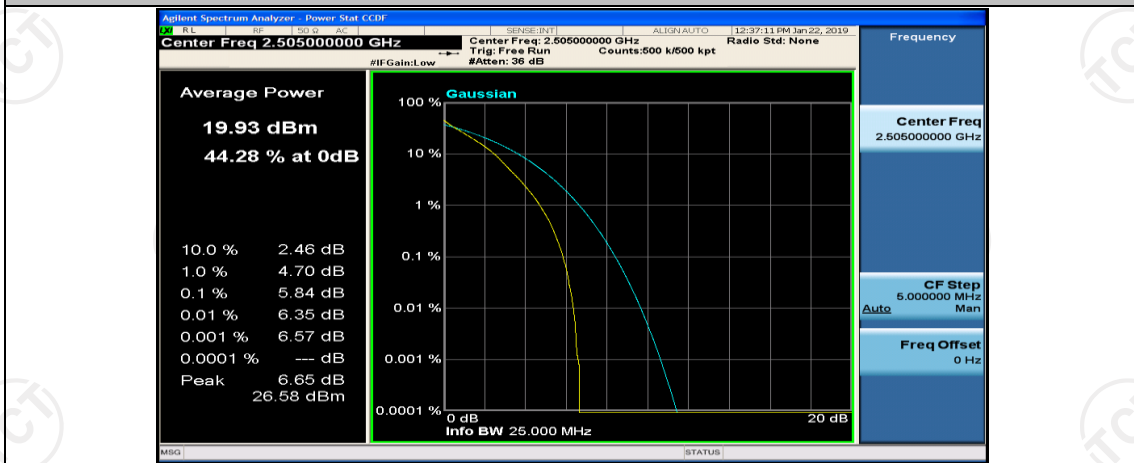
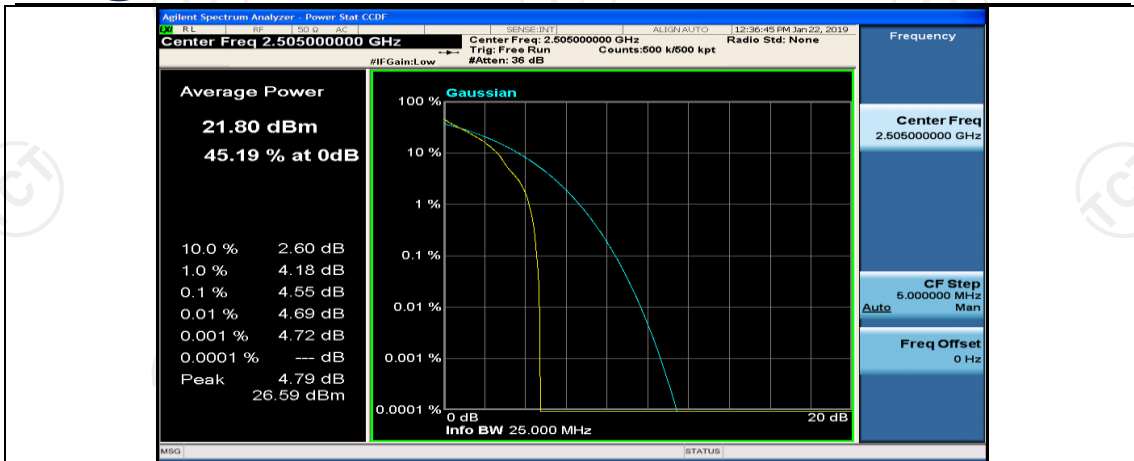


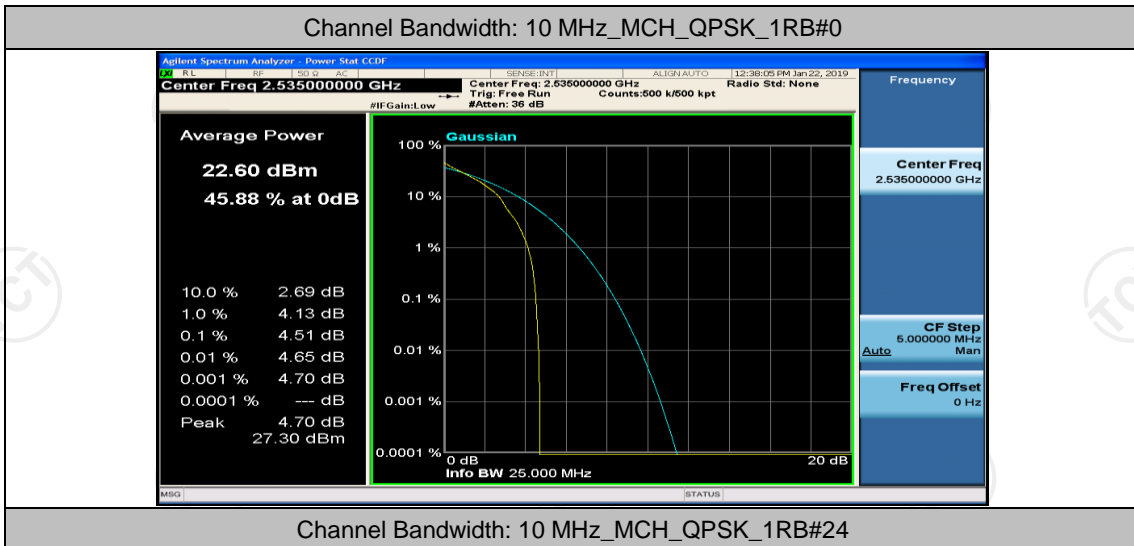
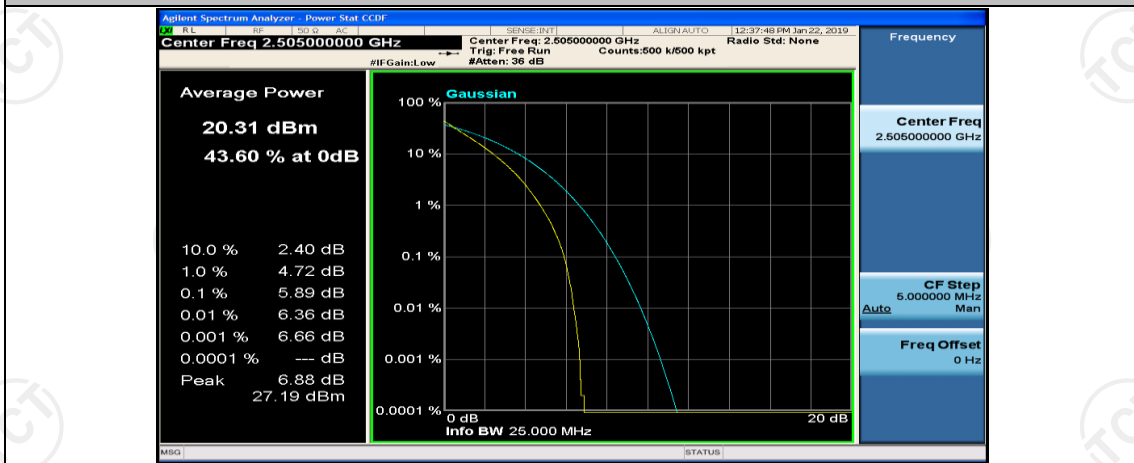
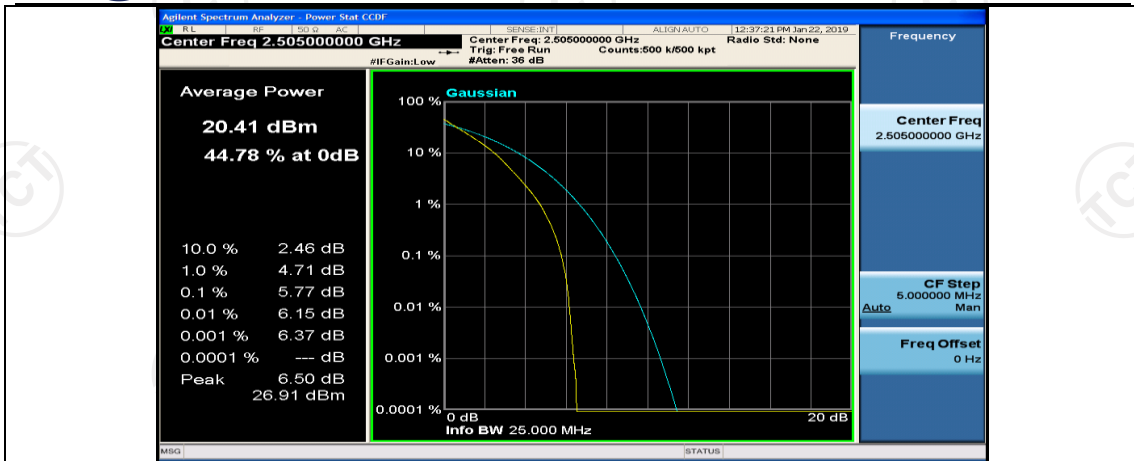
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

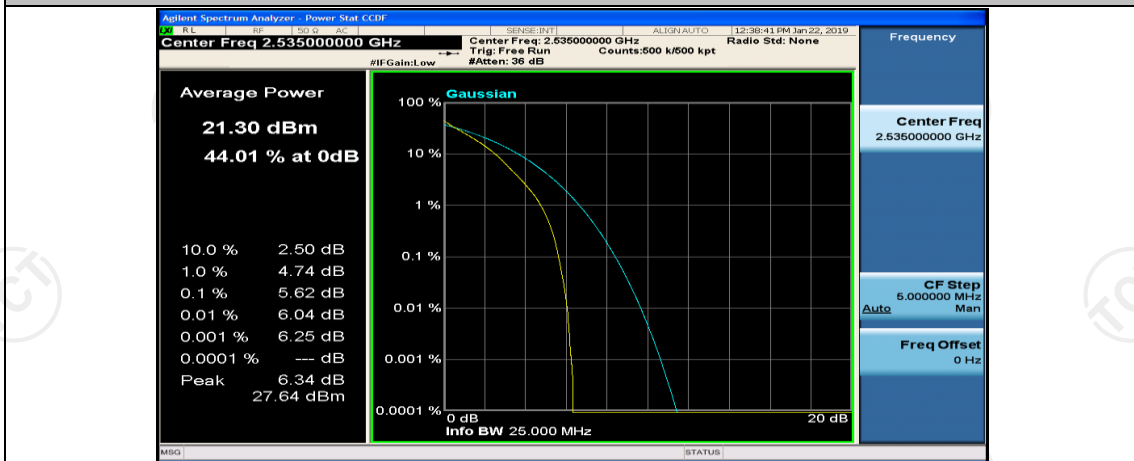
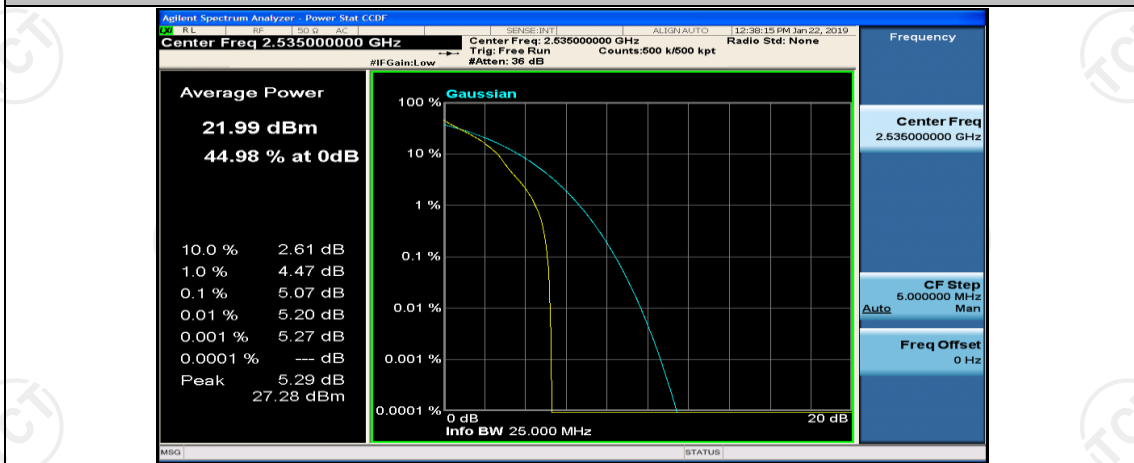
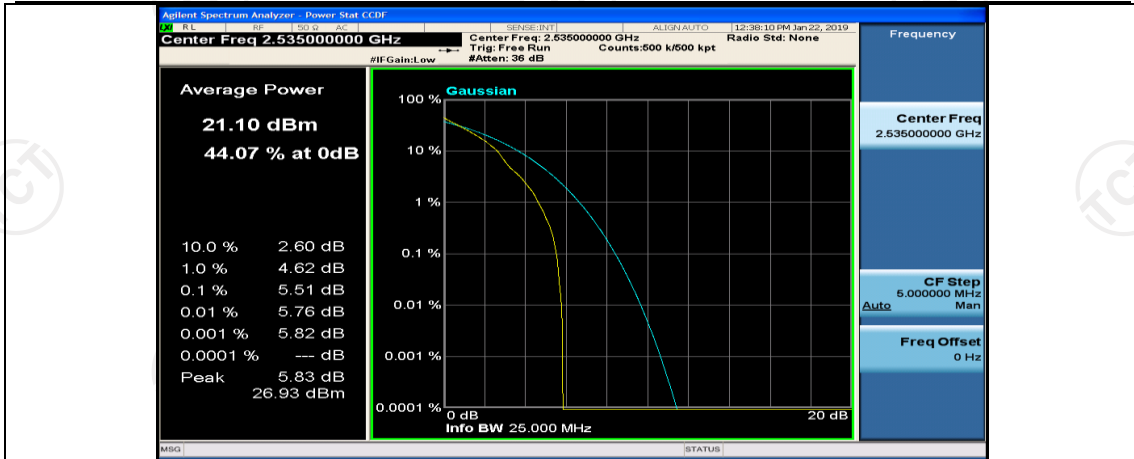


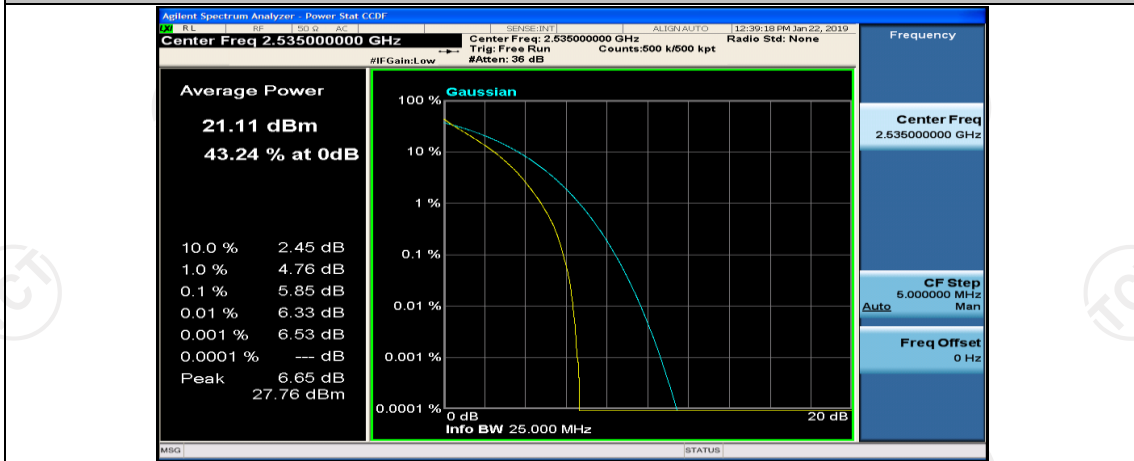
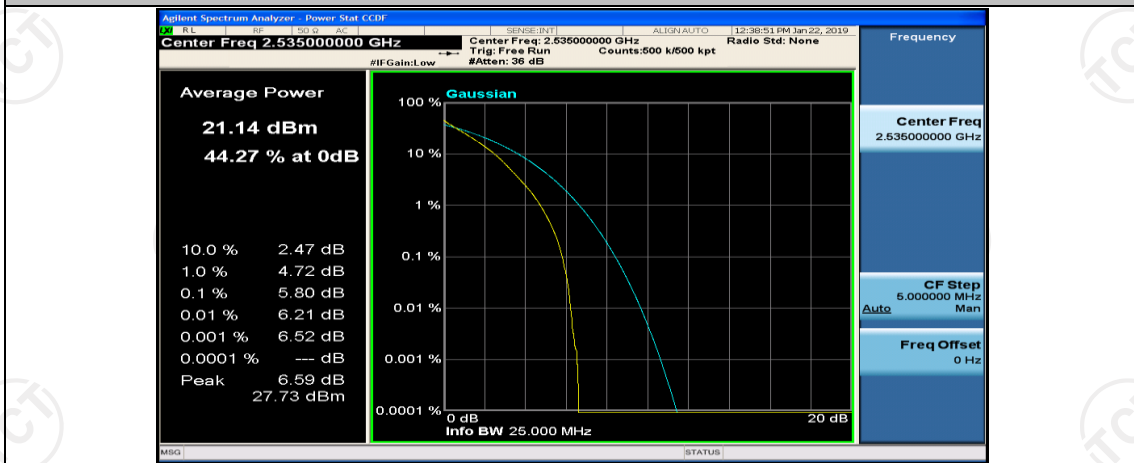
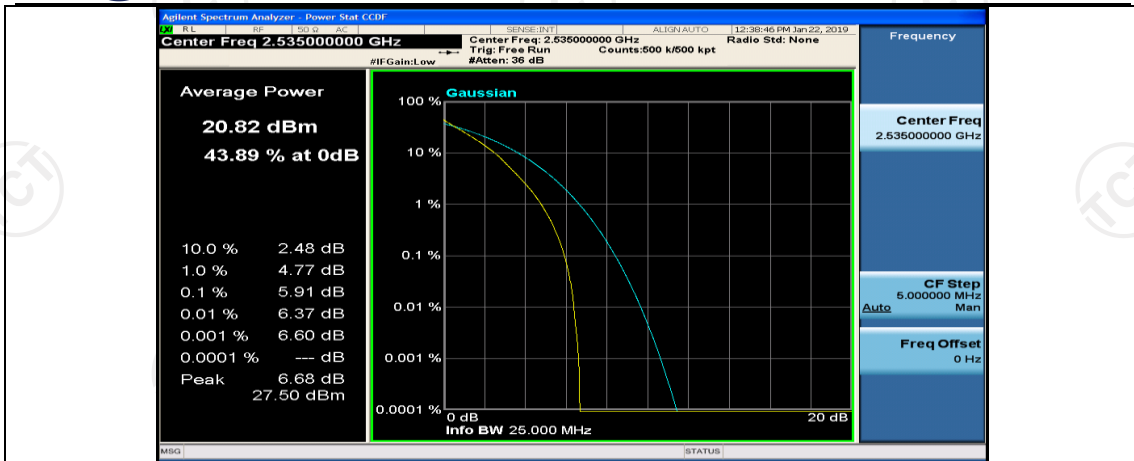
Channel Bandwidth: 10 MHz



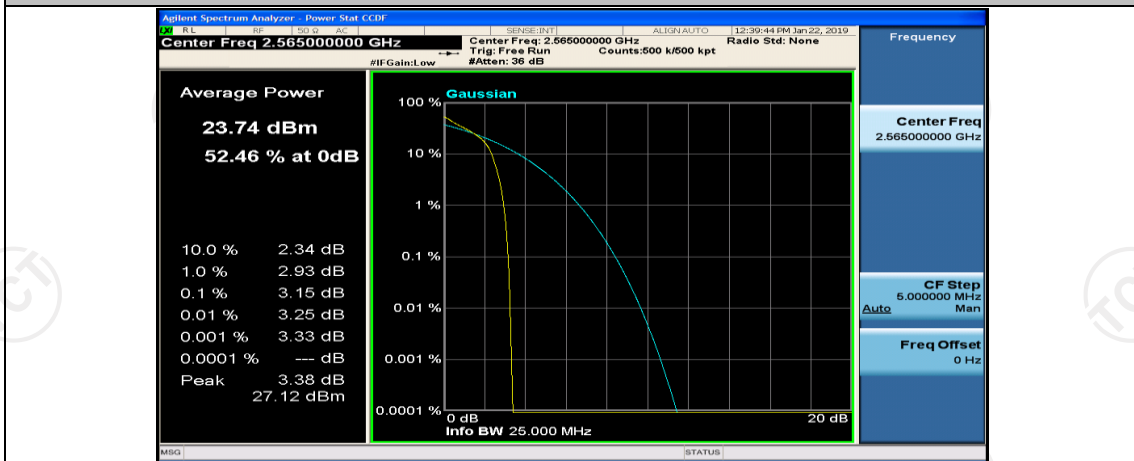
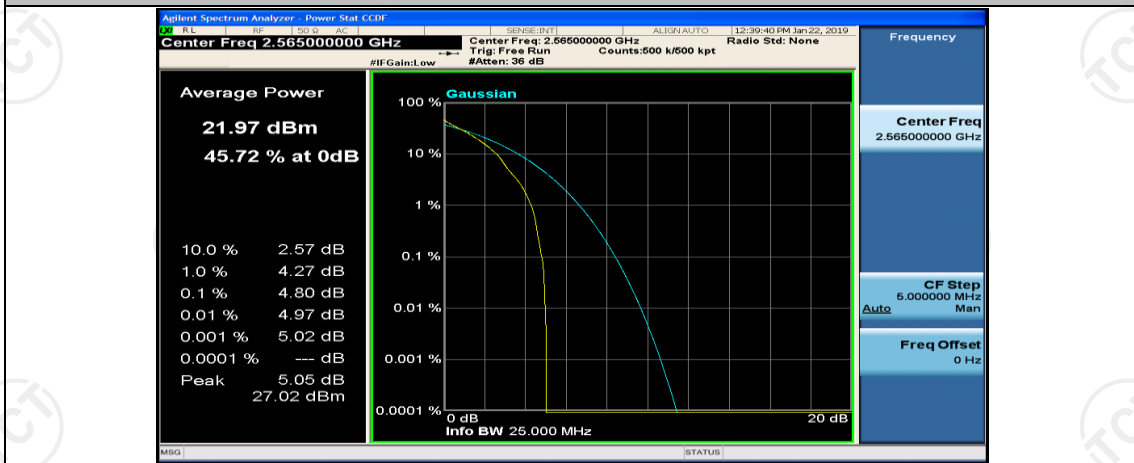
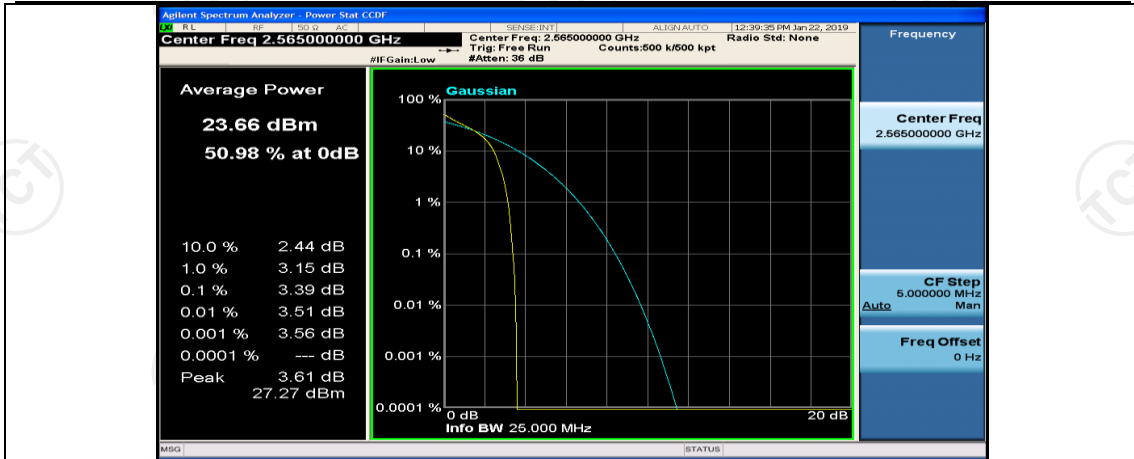


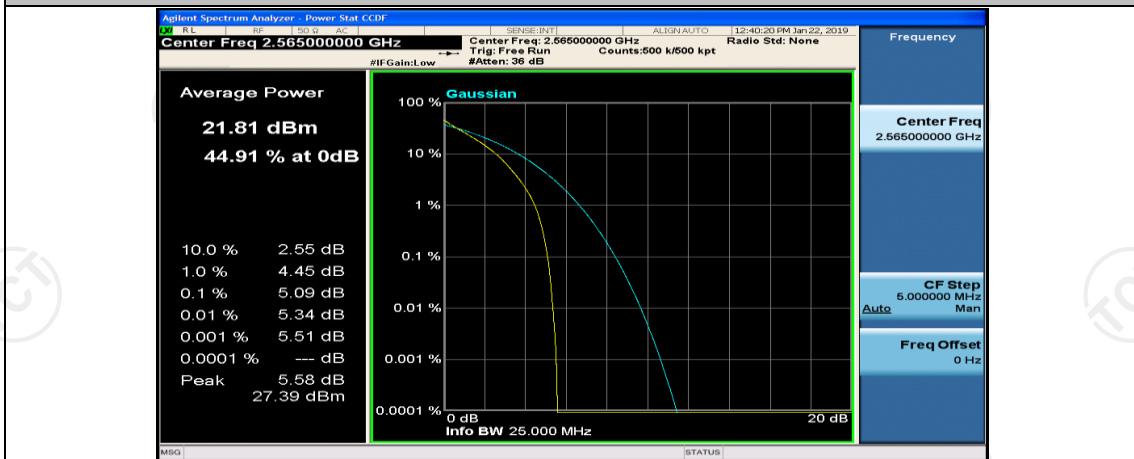
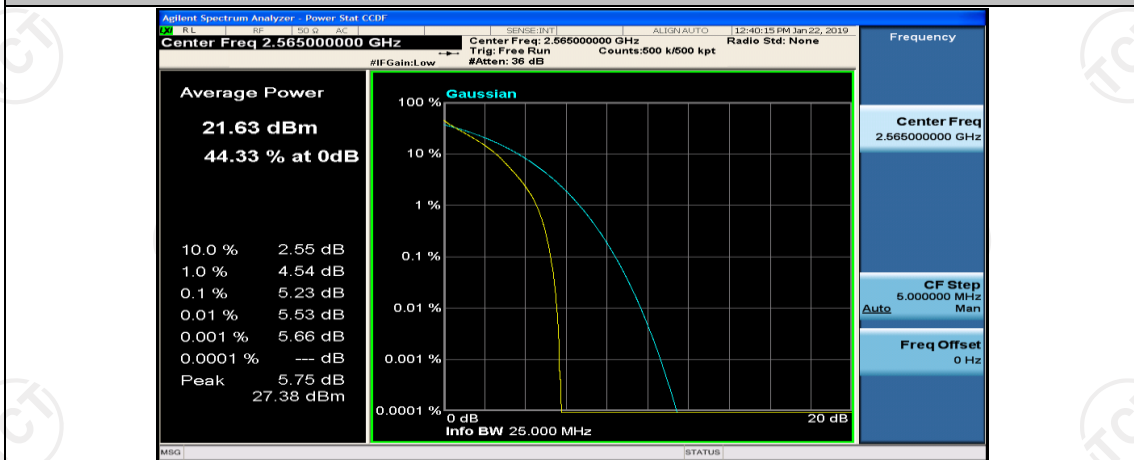
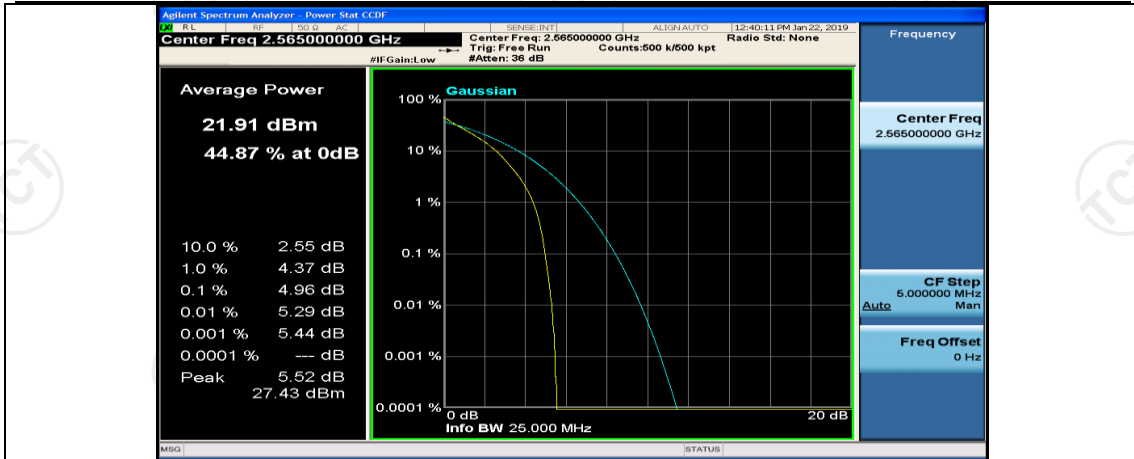


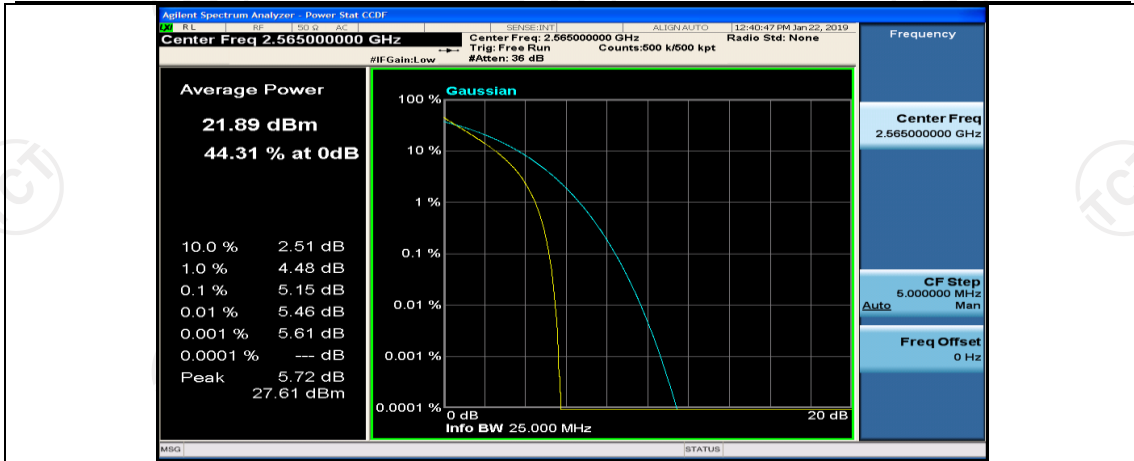




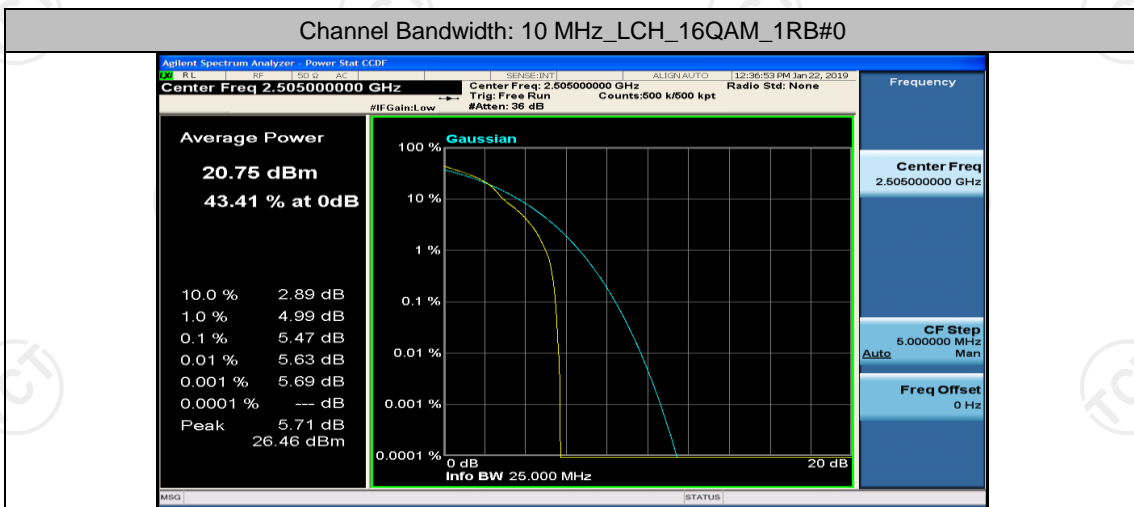
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



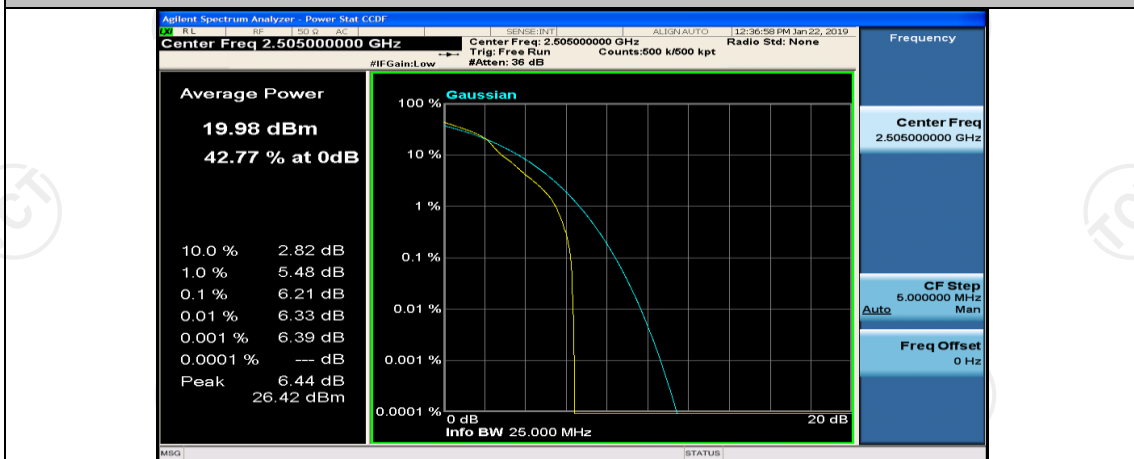




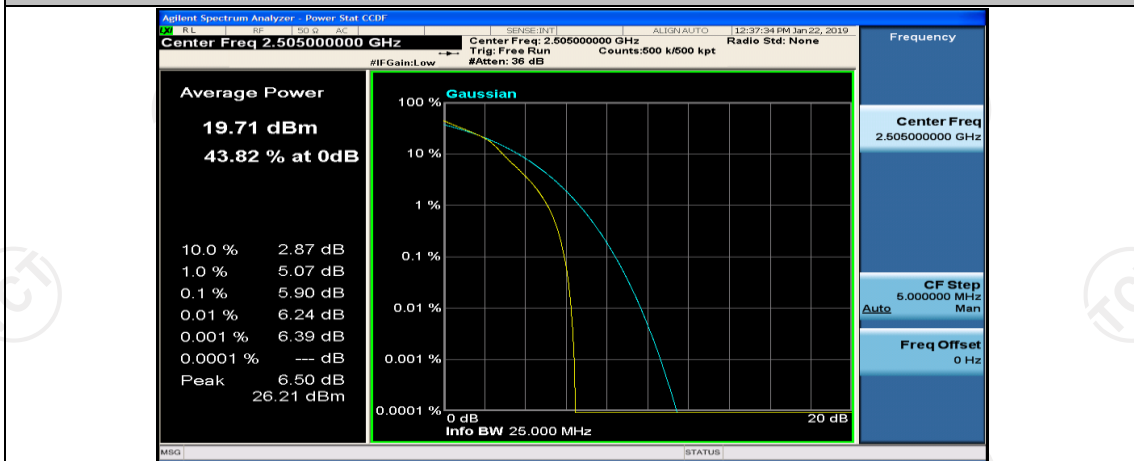
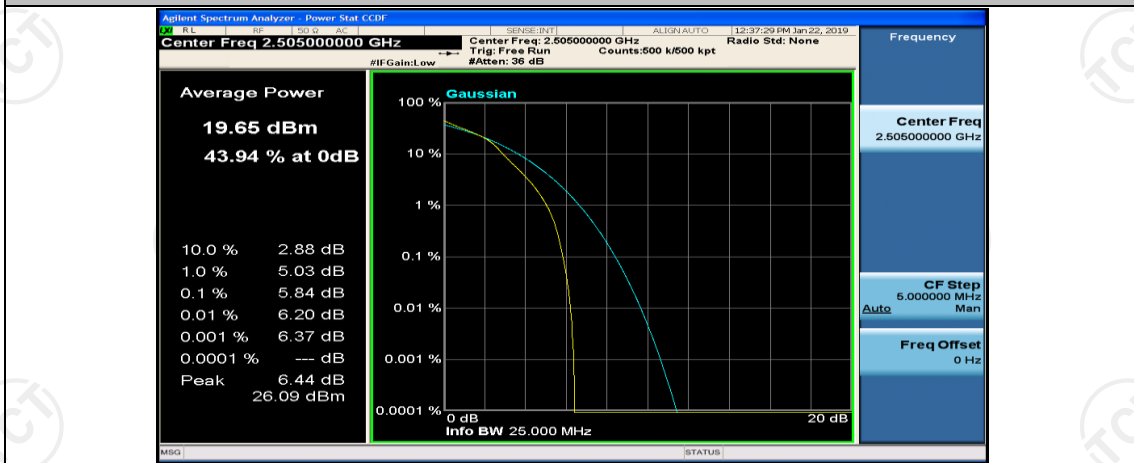
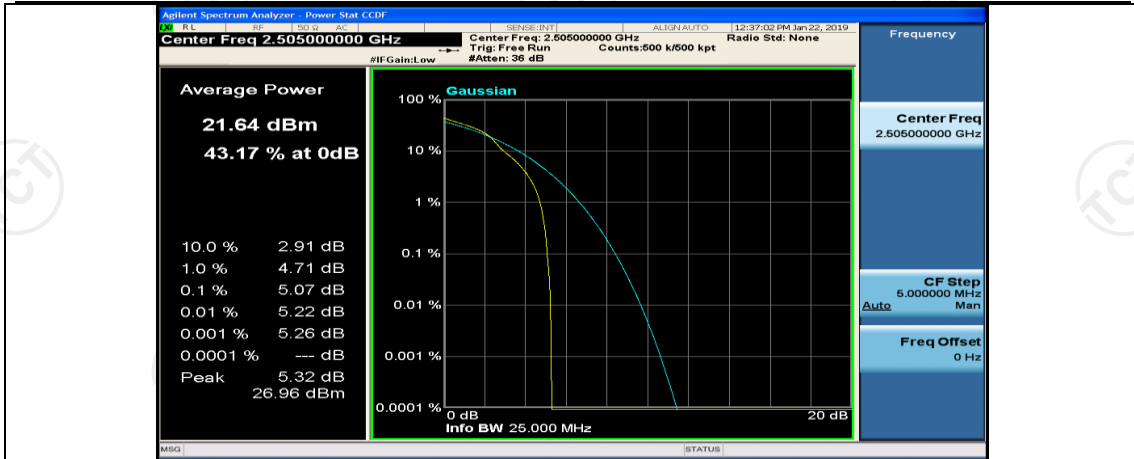
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

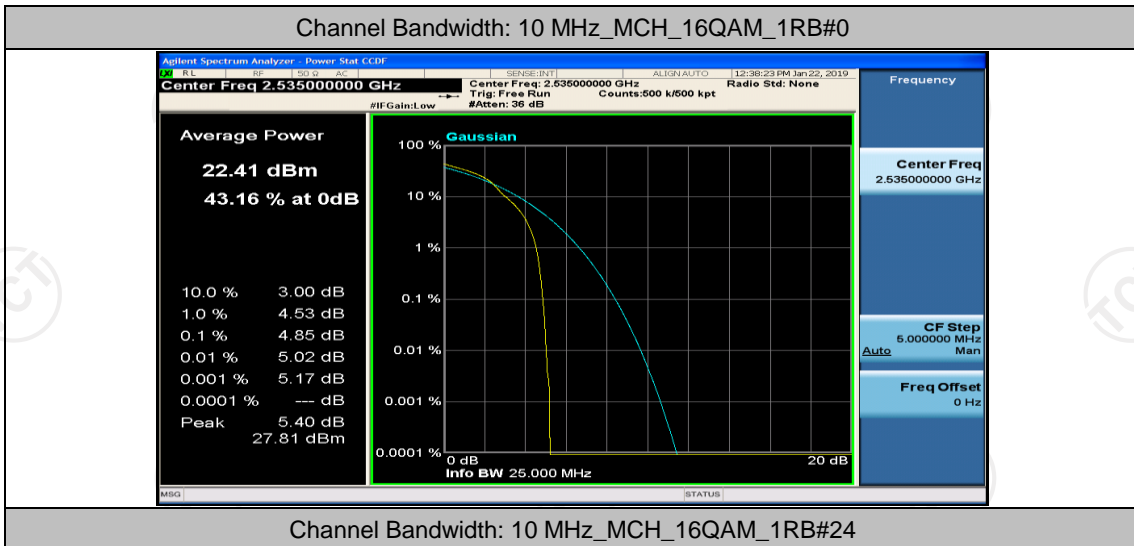
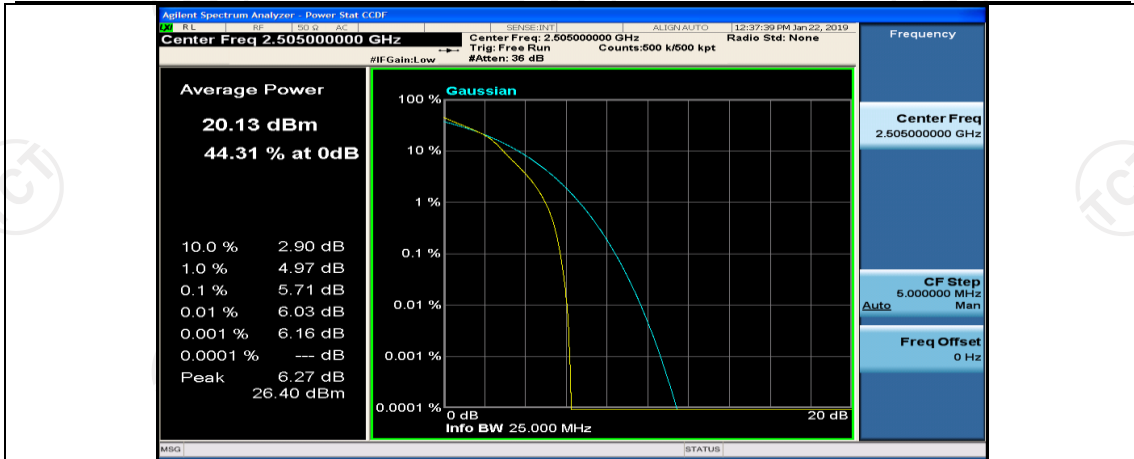


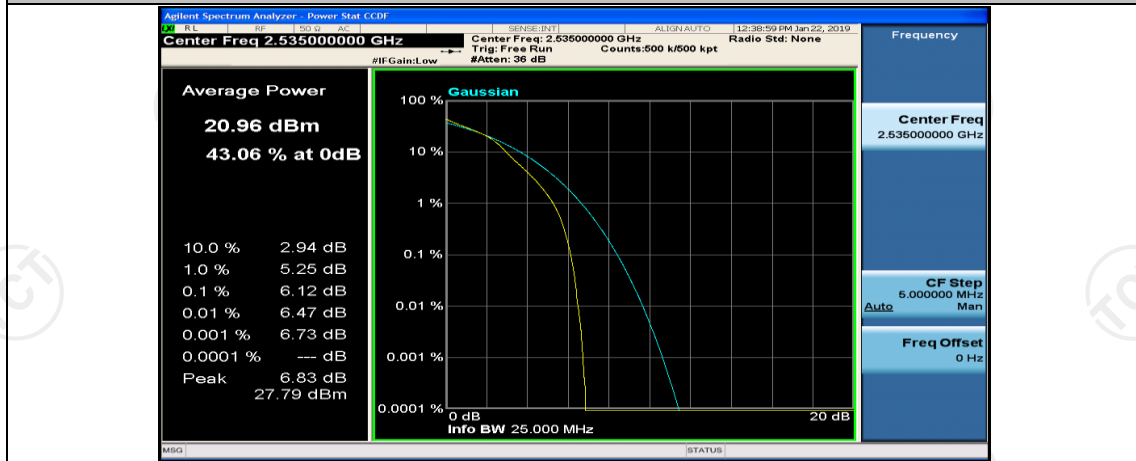
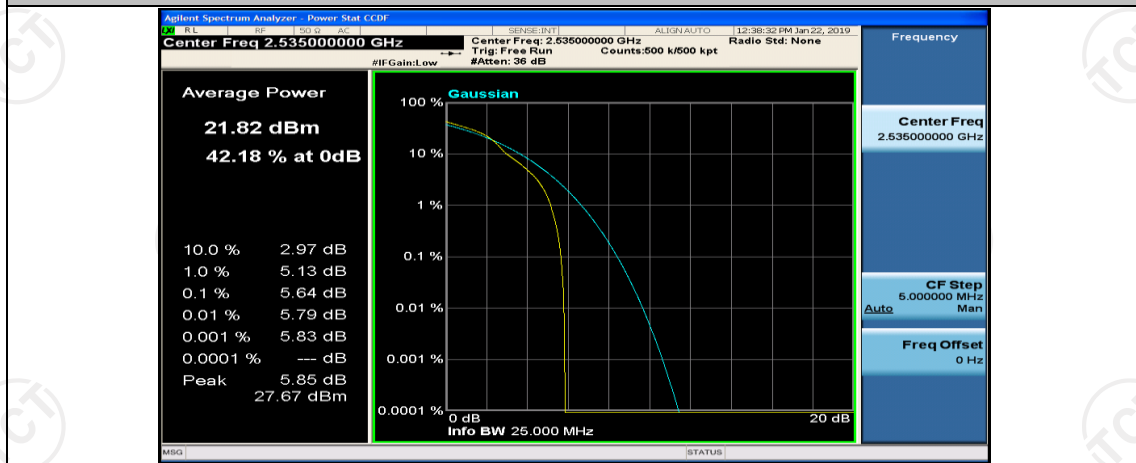
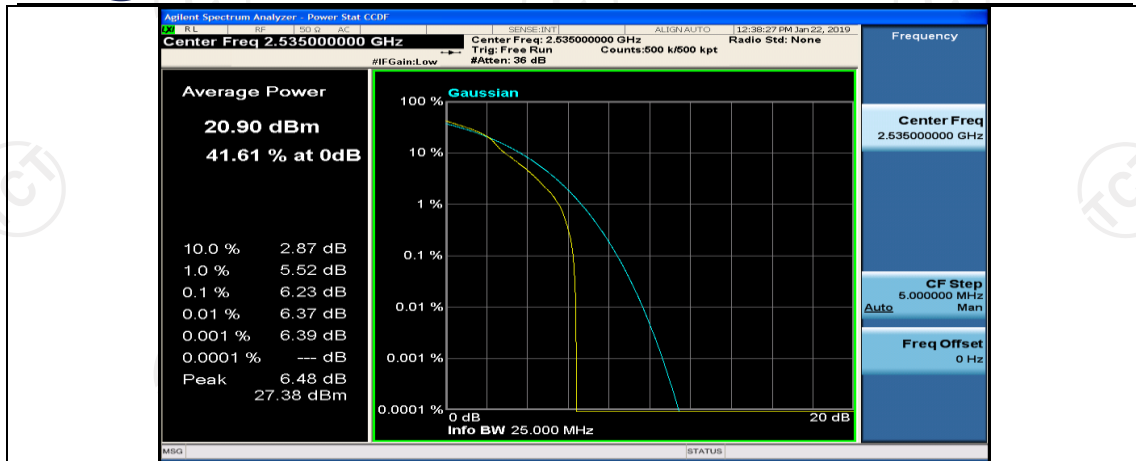
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

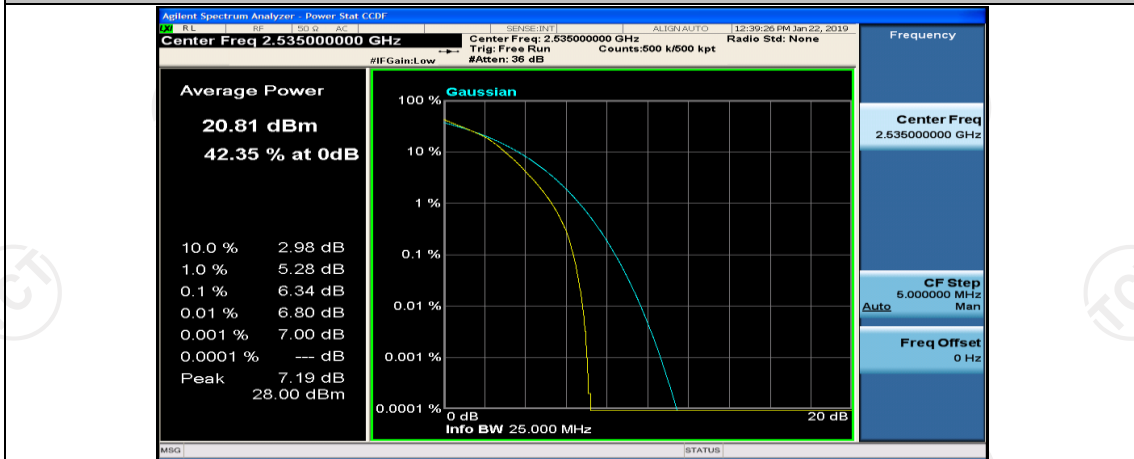
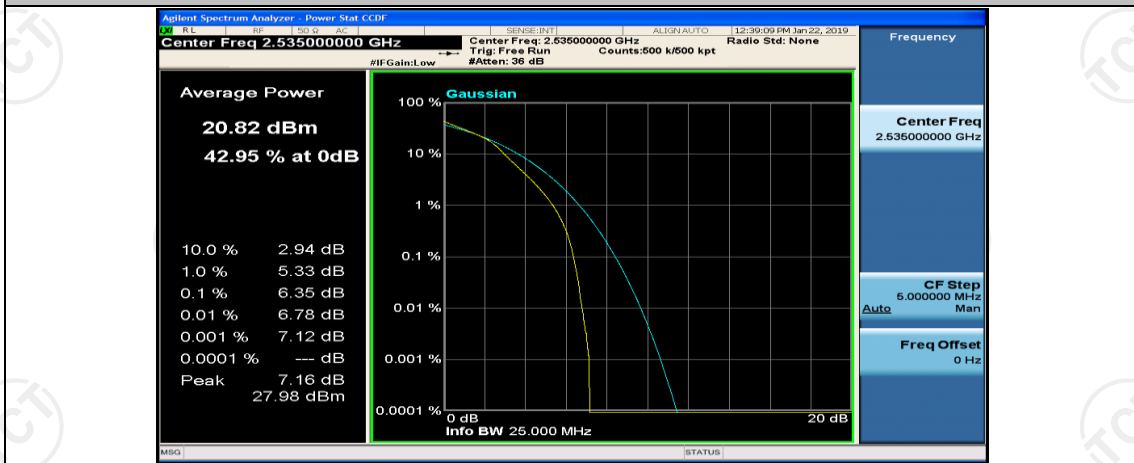
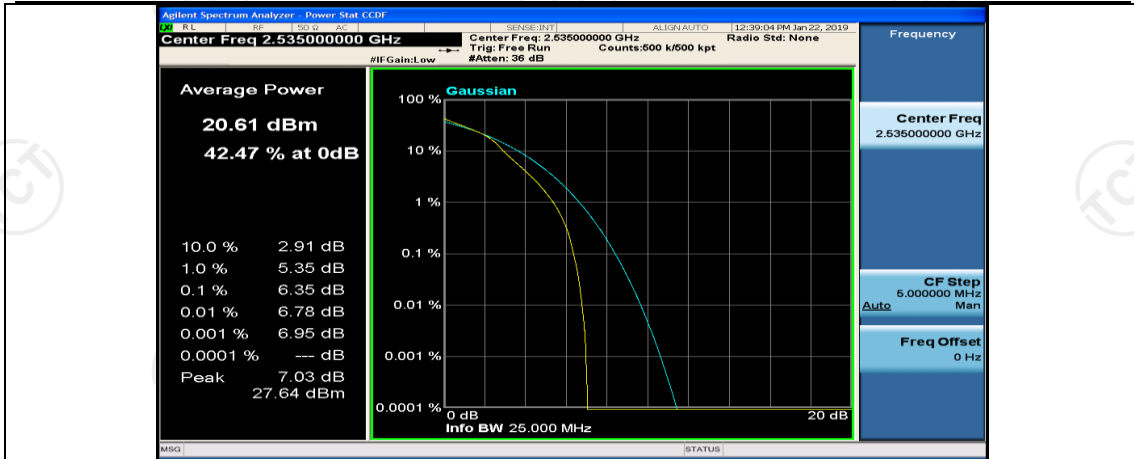


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

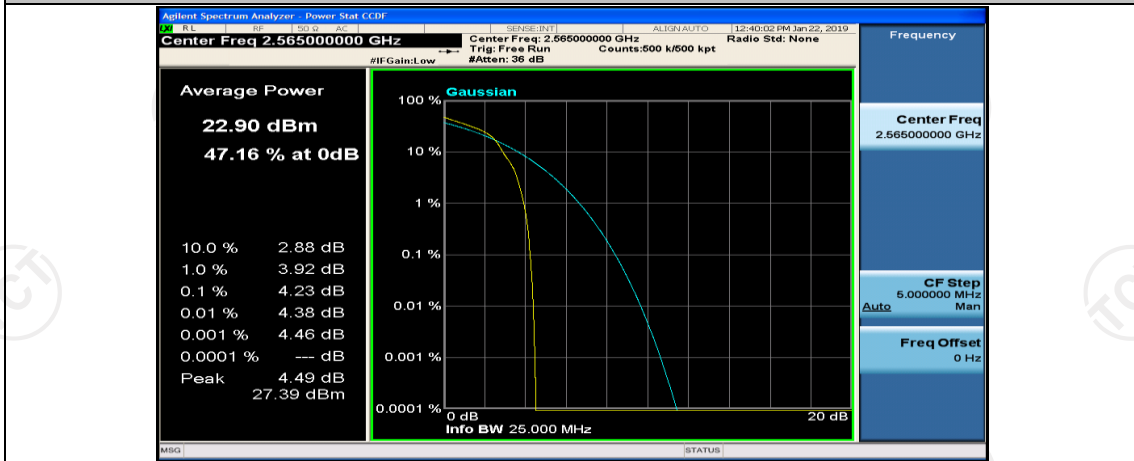
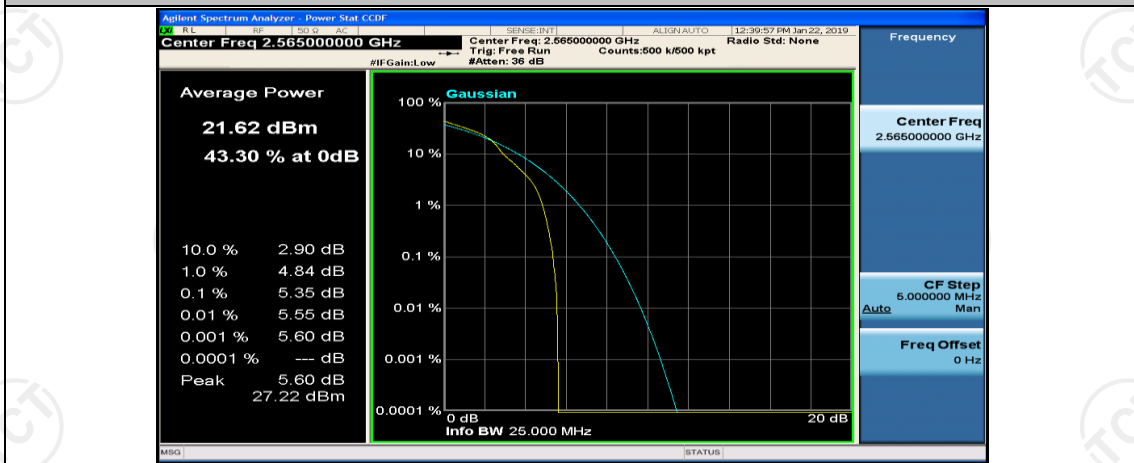
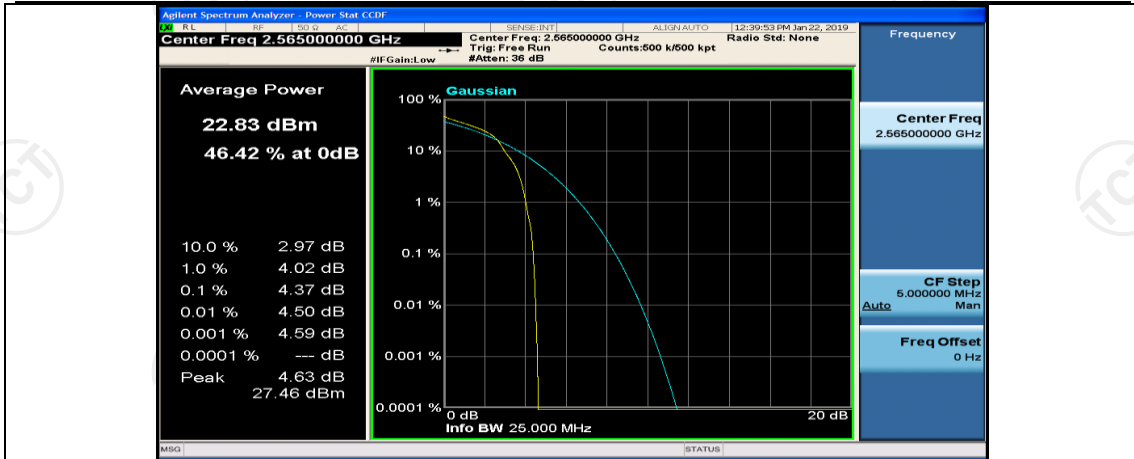


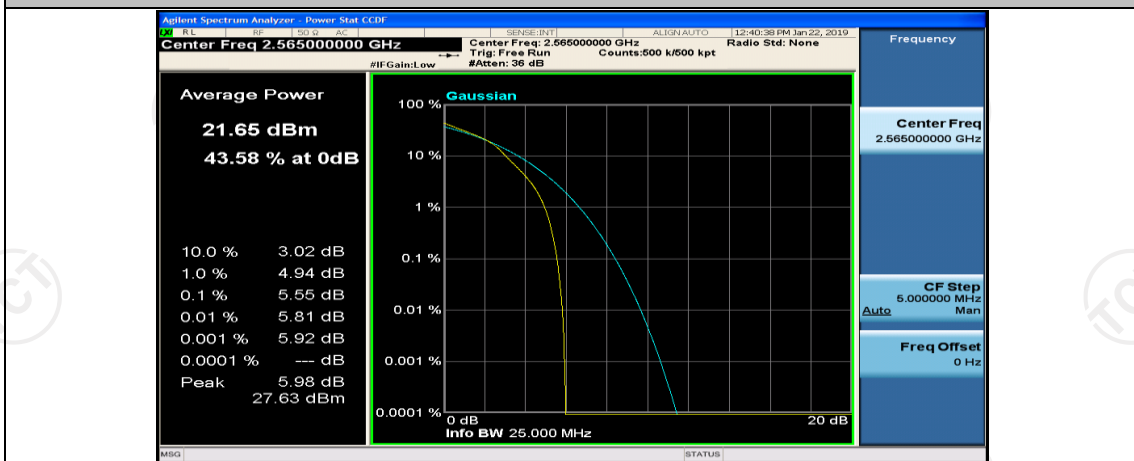
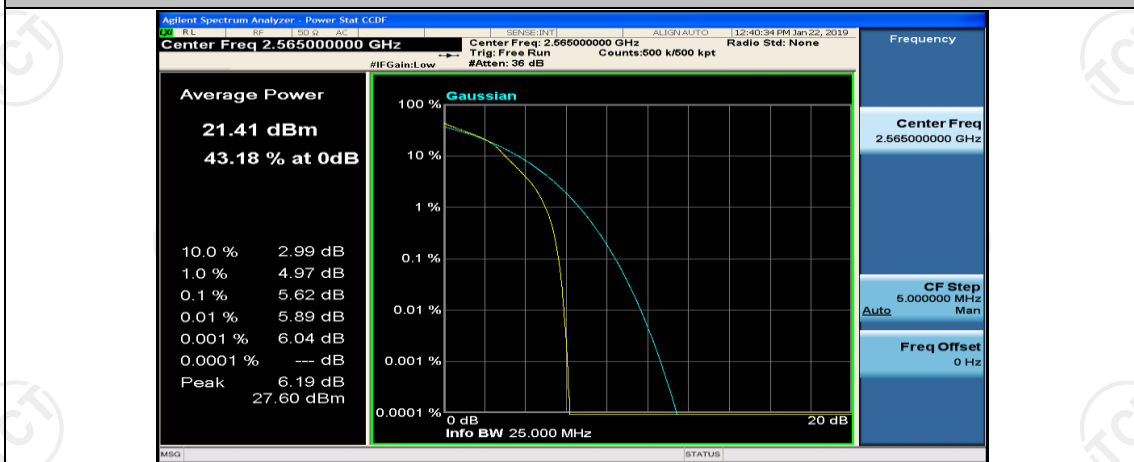
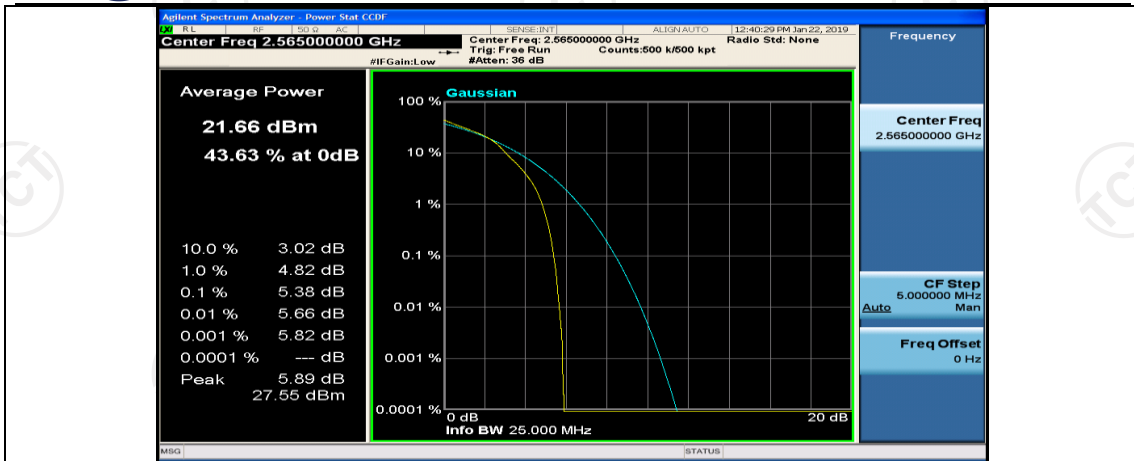


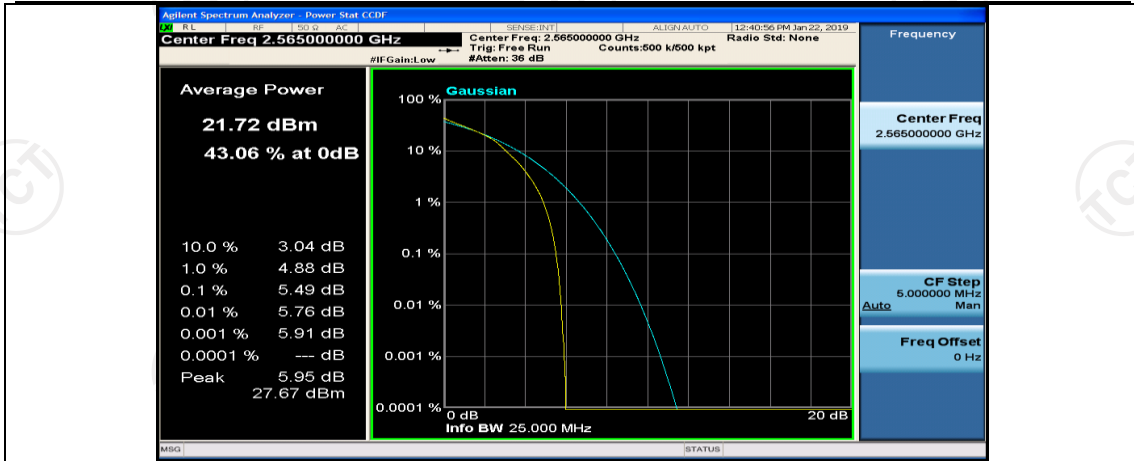




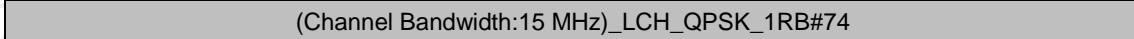
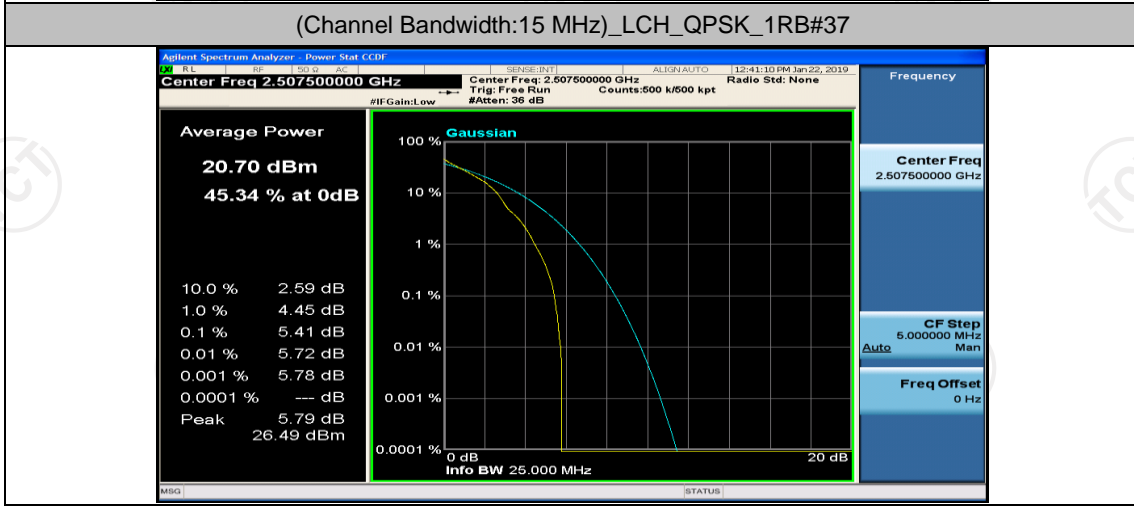
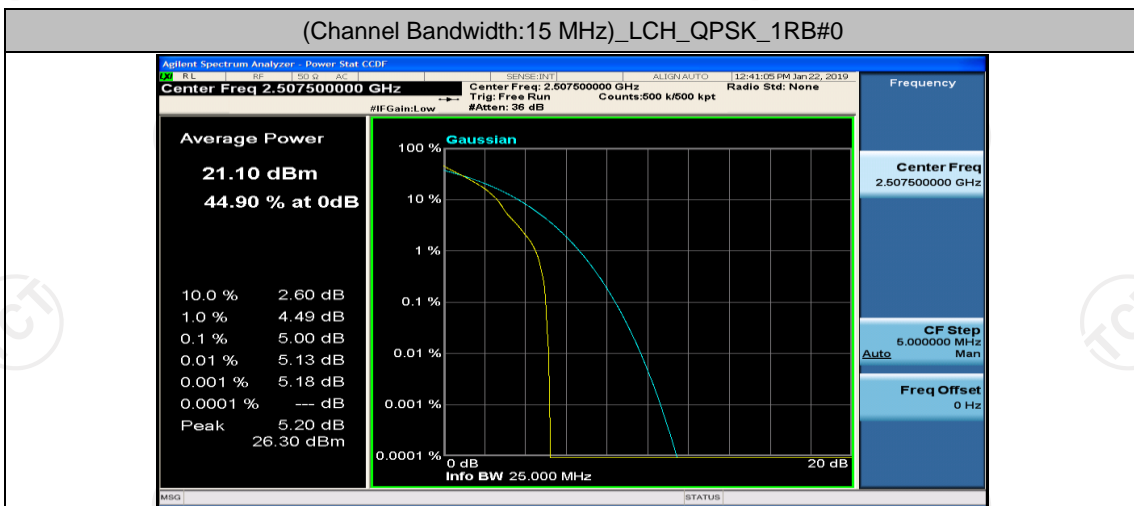
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

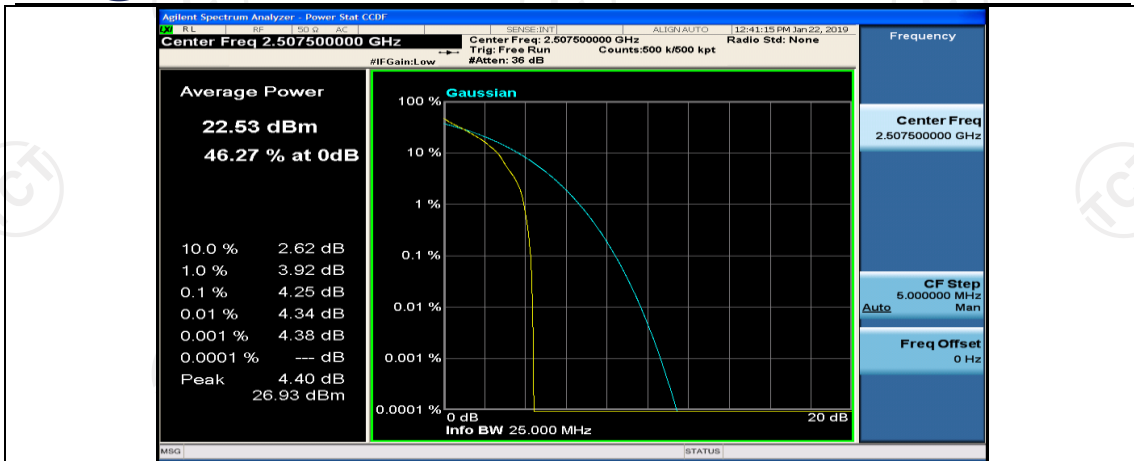




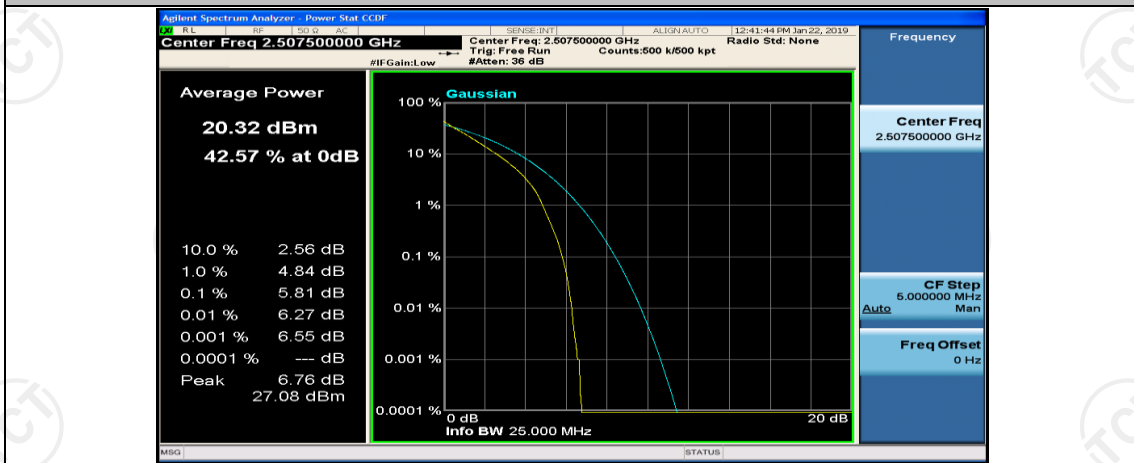


Channel Bandwidth: 15 MHz

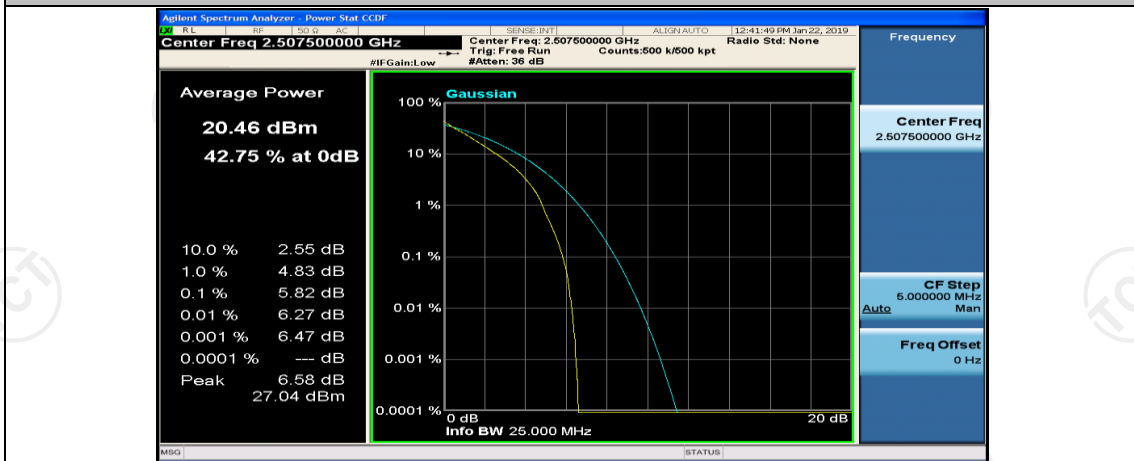




(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38