

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.53	22.13	PASS
		1	12	23.59	22.19	PASS
		1	24	23.67	22.27	PASS
		12	0	22.70	21.30	PASS
		12	6	22.69	21.29	PASS
		12	13	22.79	21.39	PASS
		25	0	22.77	21.37	PASS
	MCH	1	0	24.12	22.72	PASS
		1	12	24.17	22.77	PASS
		1	24	24.18	22.78	PASS
		12	0	23.00	21.60	PASS
		12	6	22.98	21.58	PASS
		12	13	23.17	21.77	PASS
		25	0	23.02	21.62	PASS
	HCH	1	0	24.33	22.93	PASS
		1	12	24.19	22.79	PASS
		1	24	24.29	22.89	PASS
		12	0	23.23	21.83	PASS
		12	6	23.22	21.82	PASS
		12	13	23.22	21.82	PASS
		25	0	23.16	21.76	PASS
16QAM	LCH	1	0	22.98	21.58	PASS
		1	12	22.95	21.55	PASS
		1	24	23.03	21.63	PASS
		12	0	21.86	20.46	PASS
		12	6	21.87	20.47	PASS
		12	13	21.85	20.45	PASS
		25	0	21.85	20.45	PASS
	MCH	1	0	22.58	21.18	PASS
		1	12	22.73	21.33	PASS
		1	24	22.71	21.31	PASS
		12	0	22.01	20.61	PASS
		12	6	22.00	20.60	PASS

		12	13	22.04	20.64	PASS
		25	0	22.16	20.76	PASS
	HCH	1	0	22.79	21.39	PASS
		1	12	22.75	21.35	PASS
		1	24	22.74	21.34	PASS
		12	0	22.42	21.02	PASS
		12	6	22.36	20.96	PASS
		12	13	22.32	20.92	PASS
		25	0	22.42	21.02	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.63	22.23	PASS
		1	24	23.65	22.25	PASS
		1	49	23.74	22.34	PASS
		25	0	22.85	21.45	PASS
		25	12	22.85	21.45	PASS
		25	25	22.84	21.44	PASS
		50	0	22.80	21.40	PASS
	MCH	1	0	23.91	22.51	PASS
		1	24	24.06	22.66	PASS
		1	49	24.08	22.68	PASS
		25	0	22.99	21.59	PASS
		25	12	23.03	21.63	PASS
		25	25	23.15	21.75	PASS
		50	0	23.03	21.63	PASS
	HCH	1	0	24.22	22.82	PASS
		1	24	24.24	22.84	PASS
		1	49	24.27	22.87	PASS
		25	0	23.27	21.87	PASS
		25	12	23.23	21.83	PASS
		25	25	23.39	21.99	PASS
		50	0	23.38	21.98	PASS
16QAM	LCH	1	0	22.73	21.33	PASS
		1	24	22.82	21.42	PASS
		1	49	22.83	21.43	PASS
		25	0	21.81	20.41	PASS
		25	12	21.82	20.42	PASS
		25	25	21.78	20.38	PASS

	MCH	50	0	21.85	20.45	PASS
		1	0	22.83	21.43	PASS
		1	24	22.97	21.57	PASS
		1	49	22.93	21.53	PASS
		25	0	22.26	20.86	PASS
		25	12	22.27	20.87	PASS
		25	25	22.34	20.94	PASS
		50	0	22.20	20.80	PASS
	HCH	1	0	23.79	22.39	PASS
		1	24	23.81	22.41	PASS
		1	49	23.90	22.50	PASS
		25	0	22.38	20.98	PASS
		25	12	22.39	20.99	PASS
		25	25	22.39	20.99	PASS
		50	0	22.43	21.03	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.69	22.29	PASS
		1	37	23.74	22.34	PASS
		1	74	23.76	22.36	PASS
		37	0	22.79	21.39	PASS
		37	18	22.79	21.39	PASS
		37	38	22.80	21.40	PASS
		75	0	22.80	21.40	PASS
	MCH	1	0	23.99	22.59	PASS
		1	37	24.12	22.72	PASS
		1	74	24.07	22.67	PASS
		37	0	23.13	21.73	PASS
		37	18	23.13	21.73	PASS
		37	38	23.13	21.73	PASS
		75	0	23.12	21.72	PASS
	HCH	1	0	24.21	22.81	PASS
		1	37	24.26	22.86	PASS
		1	74	24.22	22.82	PASS
		37	0	23.20	21.80	PASS
		37	18	23.16	21.76	PASS
		37	38	23.16	21.76	PASS
		75	0	23.26	21.86	PASS

Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
16QAM	LCH	1	0	22.77	21.37	PASS
		1	37	22.85	21.45	PASS
		1	74	22.83	21.43	PASS
		37	0	22.79	21.39	PASS
		37	18	22.80	21.40	PASS
		37	38	22.80	21.40	PASS
		75	0	21.81	20.41	PASS
	MCH	1	0	23.15	21.75	PASS
		1	37	23.27	21.87	PASS
		1	74	23.33	21.93	PASS
		37	0	23.12	21.72	PASS
		37	18	23.13	21.73	PASS
		37	38	23.12	21.72	PASS
		75	0	22.16	20.76	PASS
	HCH	1	0	23.81	22.41	PASS
		1	37	23.87	22.47	PASS
		1	74	23.88	22.48	PASS
		37	0	23.14	21.74	PASS
		37	18	23.14	21.74	PASS
		37	38	23.13	21.73	PASS
		75	0	22.41	21.01	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.86	22.46	PASS
		1	49	23.95	22.55	PASS
		1	99	23.93	22.53	PASS
		50	0	22.70	21.30	PASS
		50	25	22.70	21.30	PASS
		50	50	22.69	21.29	PASS
		100	0	22.73	21.33	PASS
	MCH	1	0	24.00	22.60	PASS
		1	49	24.09	22.69	PASS
		1	99	24.18	22.78	PASS
		50	0	22.99	21.59	PASS
		50	25	22.98	21.58	PASS
		50	50	22.97	21.57	PASS
		100	0	23.10	21.70	PASS
	HCH	1	0	24.38	22.98	PASS

		1	49	24.37	22.97	PASS
		1	99	24.38	22.98	PASS
		50	0	23.23	21.83	PASS
		50	25	23.23	21.83	PASS
		50	50	23.38	21.98	PASS
		100	0	23.19	21.79	PASS
16QAM	LCH	1	0	22.32	20.92	PASS
		1	49	22.42	21.02	PASS
		1	99	22.52	21.12	PASS
		50	0	22.02	20.62	PASS
		50	25	22.03	20.63	PASS
		50	50	22.00	20.60	PASS
		100	0	21.91	20.51	PASS
	MCH	1	0	23.43	22.03	PASS
		1	49	23.49	22.09	PASS
		1	99	23.63	22.23	PASS
		50	0	22.06	20.66	PASS
		50	25	22.07	20.67	PASS
		50	50	22.19	20.79	PASS
		100	0	22.25	20.85	PASS
	HCH	1	0	23.21	21.81	PASS
		1	49	23.23	21.83	PASS
		1	99	23.30	21.90	PASS
		50	0	22.42	21.02	PASS
		50	25	22.43	21.03	PASS
		50	50	22.55	21.15	PASS
		100	0	22.31	20.91	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	4.38	<13	PASS
		1	12	4.50	<13	PASS
		1	24	4.53	<13	PASS
		12	0	4.83	<13	PASS
		12	6	4.92	<13	PASS
		12	13	4.94	<13	PASS
		25	0	4.81	<13	PASS
	MCH	1	0	5.33	<13	PASS
		1	12	5.34	<13	PASS
		1	24	5.14	<13	PASS
		12	0	5.28	<13	PASS
		12	6	5.31	<13	PASS
		12	13	5.22	<13	PASS
		25	0	5.35	<13	PASS
	HCH	1	0	5.06	<13	PASS
		1	12	4.93	<13	PASS
		1	24	4.68	<13	PASS
		12	0	5.40	<13	PASS
		12	6	5.38	<13	PASS
		12	13	5.28	<13	PASS
		25	0	5.26	<13	PASS
16QAM	LCH	1	0	5.01	<13	PASS
		1	12	5.05	<13	PASS
		1	24	5.03	<13	PASS
		12	0	5.61	<13	PASS
		12	6	5.57	<13	PASS
		12	13	5.60	<13	PASS
		25	0	5.59	<13	PASS
	MCH	1	0	5.99	<13	PASS
		1	12	5.59	<13	PASS
		1	24	5.72	<13	PASS
		12	0	6.09	<13	PASS

		12	6	6.11	<13	PASS
		12	13	6.06	<13	PASS
		25	0	5.99	<13	PASS
	HCH	1	0	5.80	<13	PASS
		1	12	5.83	<13	PASS
		1	24	5.57	<13	PASS
		12	0	6.03	<13	PASS
		12	6	6.12	<13	PASS
		12	13	6.10	<13	PASS
		25	0	6.09	<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	4.35	<13	PASS
		1	24	4.52	<13	PASS
		1	49	4.54	<13	PASS
		25	0	4.85	<13	PASS
		25	12	4.80	<13	PASS
		25	25	4.94	<13	PASS
		50	0	4.94	<13	PASS
	MCH	1	0	5.22	<13	PASS
		1	24	5.13	<13	PASS
		1	49	4.95	<13	PASS
		25	0	5.40	<13	PASS
		25	12	5.32	<13	PASS
		25	25	5.34	<13	PASS
		50	0	5.38	<13	PASS
	HCH	1	0	4.89	<13	PASS
		1	24	4.81	<13	PASS
		1	49	4.66	<13	PASS
		25	0	5.40	<13	PASS
		25	12	5.39	<13	PASS
		25	25	5.28	<13	PASS
		50	0	5.30	<13	PASS
16QAM	LCH	1	0	5.27	<13	PASS
		1	24	5.22	<13	PASS
		1	49	5.52	<13	PASS
		25	0	5.67	<13	PASS
		25	12	5.69	<13	PASS

		25	25	5.82	<13	PASS
		50	0	5.63	<13	PASS
	MCH	1	0	6.01	<13	PASS
		1	24	5.89	<13	PASS
		1	49	5.71	<13	PASS
		25	0	6.18	<13	PASS
		25	12	6.16	<13	PASS
		25	25	6.11	<13	PASS
		50	0	6.06	<13	PASS
		HCH	1	0	5.45	<13
	1		24	5.53	<13	PASS
	1		49	5.37	<13	PASS
	25		0	6.18	<13	PASS
	25		12	6.17	<13	PASS
	25		25	6.08	<13	PASS
	50		0	6.08	<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	4.36	<13	PASS
		1	37	4.47	<13	PASS
		1	74	4.81	<13	PASS
		37	0	5.36	<13	PASS
		37	18	5.37	<13	PASS
		37	38	5.37	<13	PASS
		75	0	5.35	<13	PASS
	MCH	1	0	5.09	<13	PASS
		1	37	4.98	<13	PASS
		1	74	4.84	<13	PASS
		37	0	5.69	<13	PASS
		37	18	5.69	<13	PASS
		37	38	5.67	<13	PASS
		75	0	5.67	<13	PASS
	HCH	1	0	4.97	<13	PASS
		1	37	4.85	<13	PASS
		1	74	4.72	<13	PASS
		37	0	5.66	<13	PASS
		37	18	5.67	<13	PASS
		37	38	5.66	<13	PASS

Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
16QAM	LCH	75	0	5.66	<13	PASS
		1	0	5.27	<13	PASS
		1	37	5.28	<13	PASS
		1	74	5.58	<13	PASS
		37	0	5.35	<13	PASS
		37	18	5.36	<13	PASS
		37	38	5.36	<13	PASS
		75	0	5.90	<13	PASS
	MCH	1	0	5.84	<13	PASS
		1	37	5.91	<13	PASS
		1	74	5.69	<13	PASS
		37	0	5.67	<13	PASS
		37	18	5.68	<13	PASS
		37	38	5.67	<13	PASS
		75	0	6.19	<13	PASS
		HCH	1	0	5.60	<13
	1		37	5.69	<13	PASS
	1		74	5.58	<13	PASS
	37		0	5.68	<13	PASS
	37		18	5.66	<13	PASS
	37		38	5.64	<13	PASS
	75		0	6.19	<13	PASS

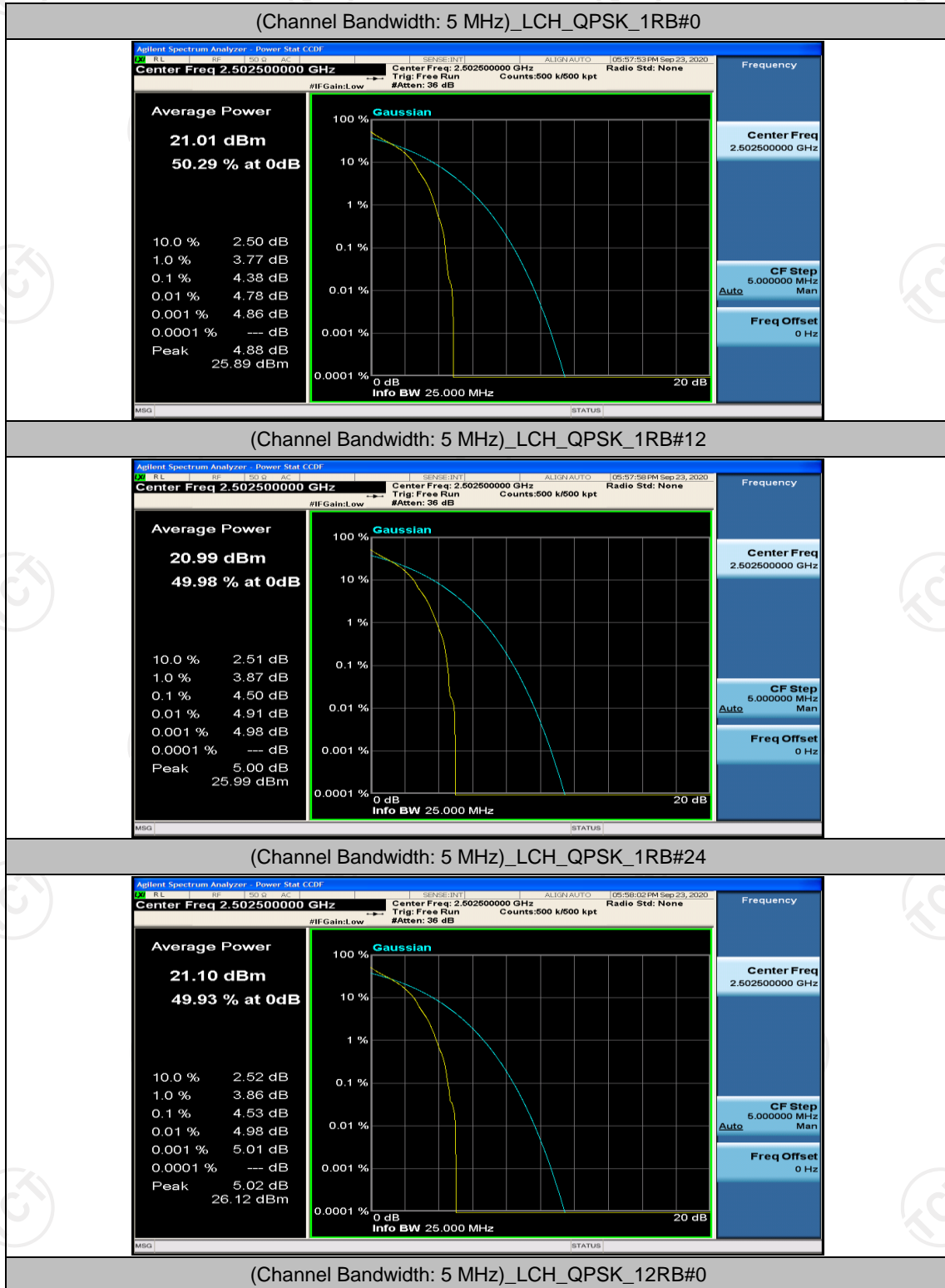
Channel Bandwidth: 20 MHz

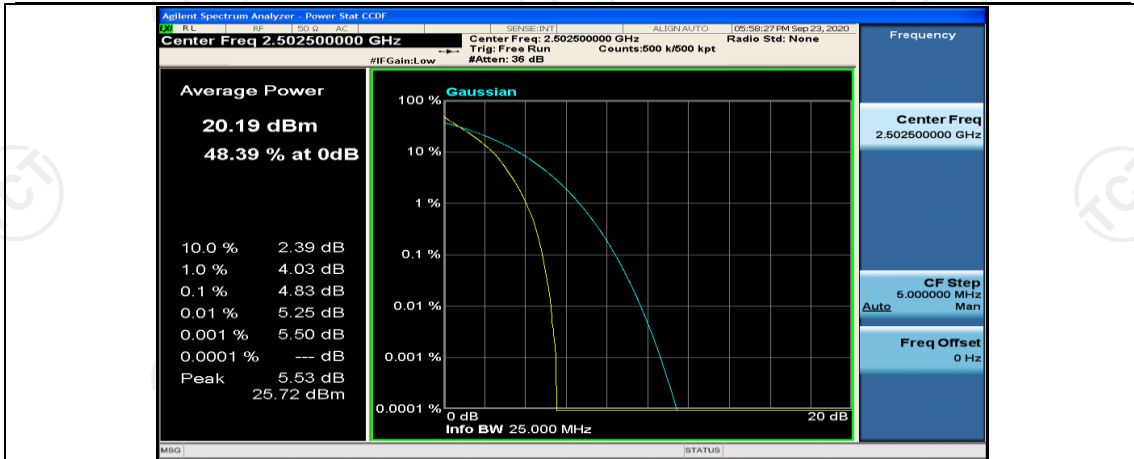
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.22	<13	PASS
		1	49	4.25	<13	PASS
		1	99	4.86	<13	PASS
		50	0	4.99	<13	PASS
		50	25	4.97	<13	PASS
		50	50	5.18	<13	PASS
		100	0	5.29	<13	PASS
		MCH	1	0	4.92	<13
	1		49	4.82	<13	PASS
	1		99	4.67	<13	PASS
	50		0	5.40	<13	PASS
	50		25	5.39	<13	PASS
	50		50	5.30	<13	PASS
	100		0	5.44	<13	PASS

	HCH	1	0	4.86	<13	PASS
		1	49	5.01	<13	PASS
		1	99	4.83	<13	PASS
		50	0	5.26	<13	PASS
		50	25	5.26	<13	PASS
		50	50	5.35	<13	PASS
		100	0	5.48	<13	PASS
16QAM	LCH	1	0	5.03	<13	PASS
		1	49	5.25	<13	PASS
		1	99	5.39	<13	PASS
		50	0	5.69	<13	PASS
		50	25	5.66	<13	PASS
		50	50	5.91	<13	PASS
		100	0	6.00	<13	PASS
	MCH	1	0	5.56	<13	PASS
		1	49	5.60	<13	PASS
		1	99	5.37	<13	PASS
		50	0	6.04	<13	PASS
		50	25	6.11	<13	PASS
		50	50	6.03	<13	PASS
		100	0	6.19	<13	PASS
	HCH	1	0	5.80	<13	PASS
		1	49	5.88	<13	PASS
		1	99	5.73	<13	PASS
		50	0	6.02	<13	PASS
		50	25	6.03	<13	PASS
		50	50	6.14	<13	PASS
		100	0	6.17	<13	PASS

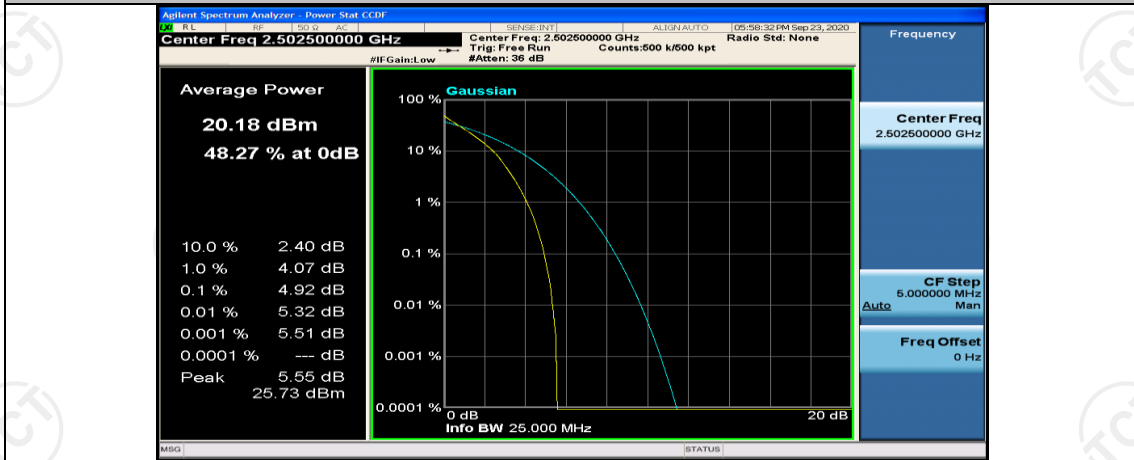
Test Graphs

Channel Bandwidth: 5 MHz

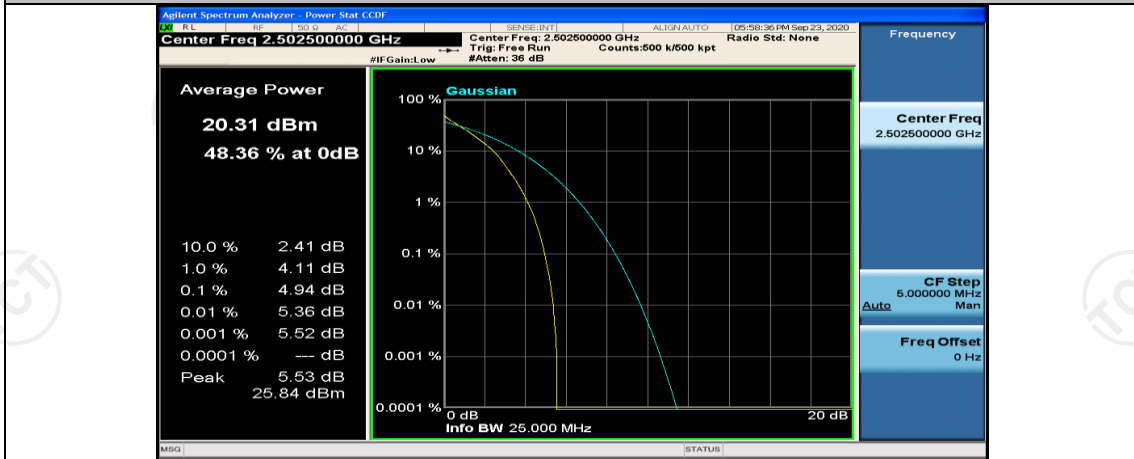




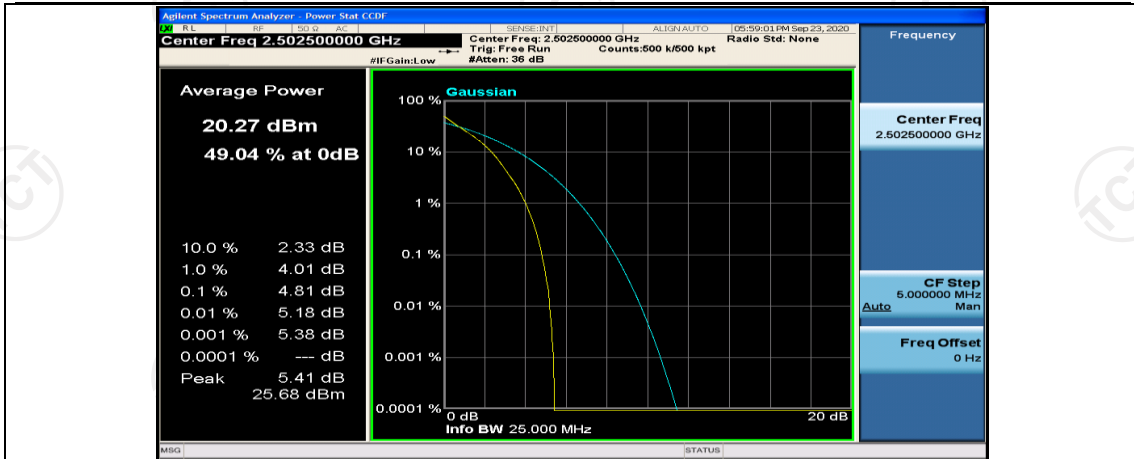
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



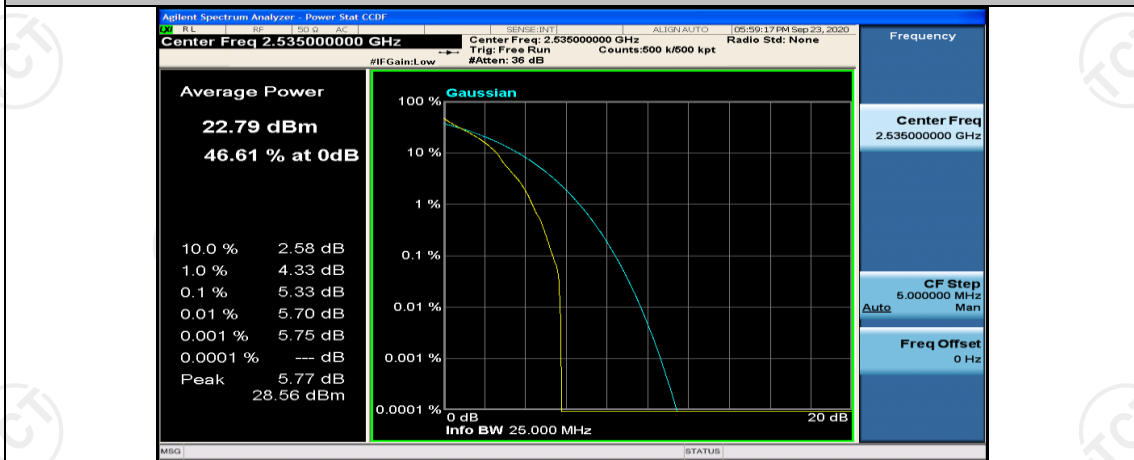
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



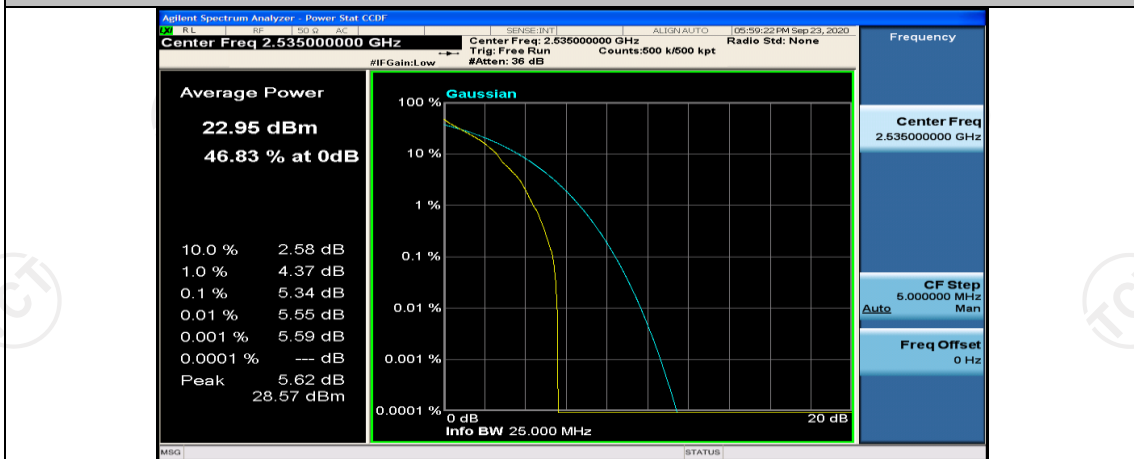
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



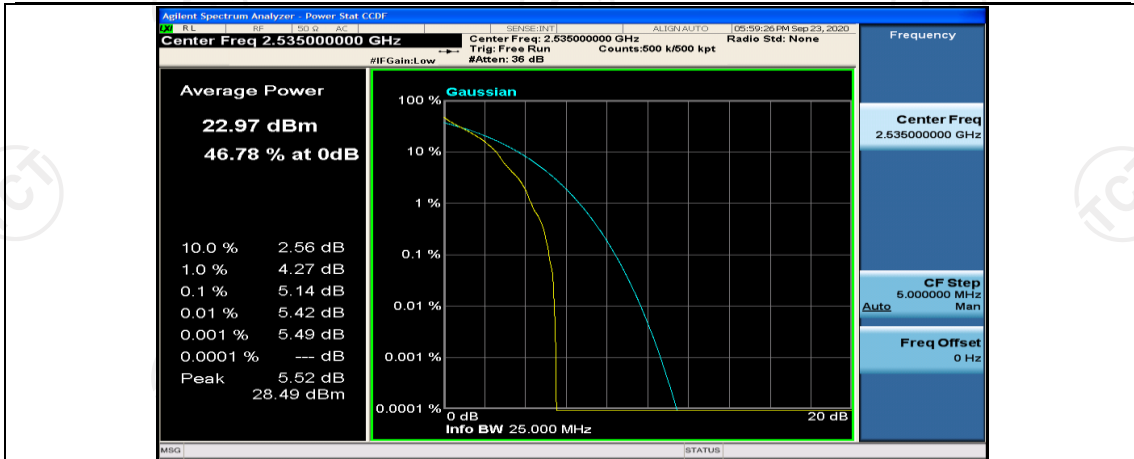
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



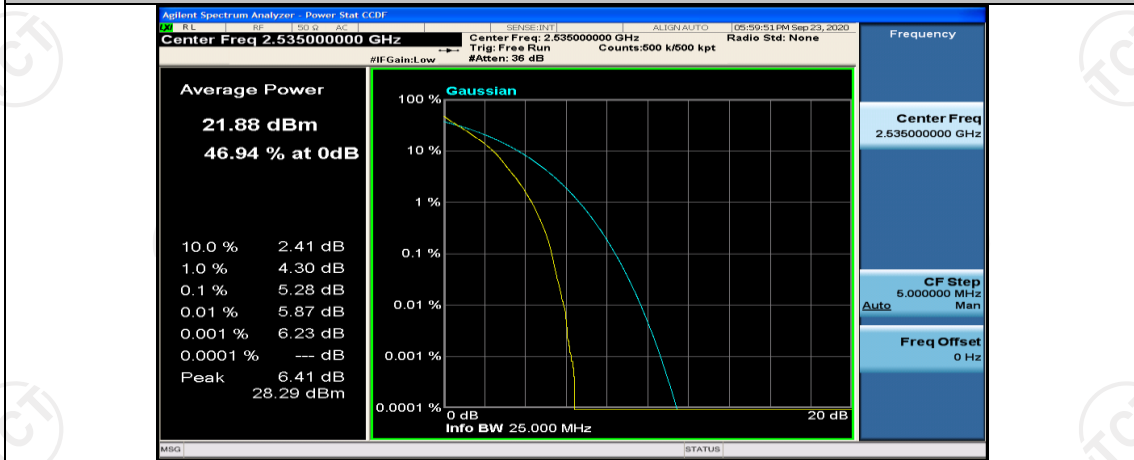
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



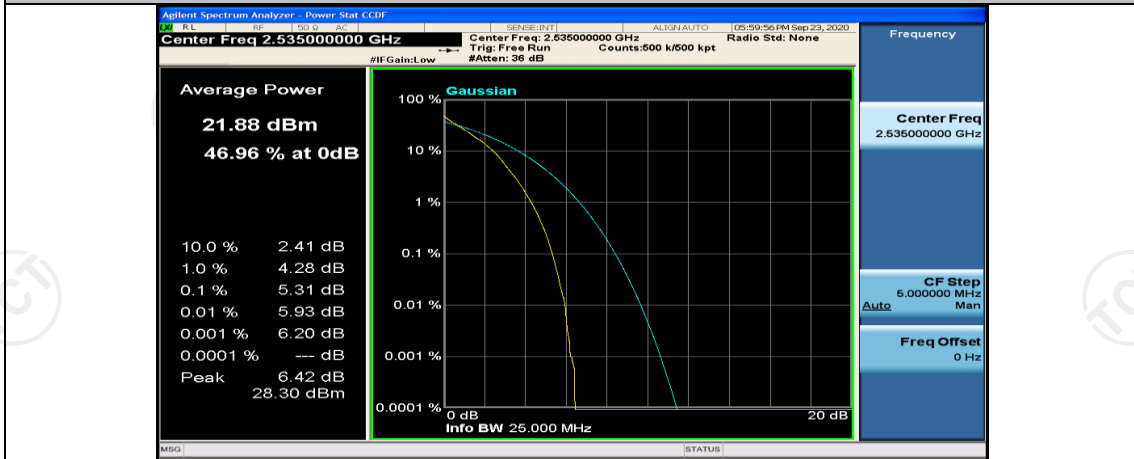
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



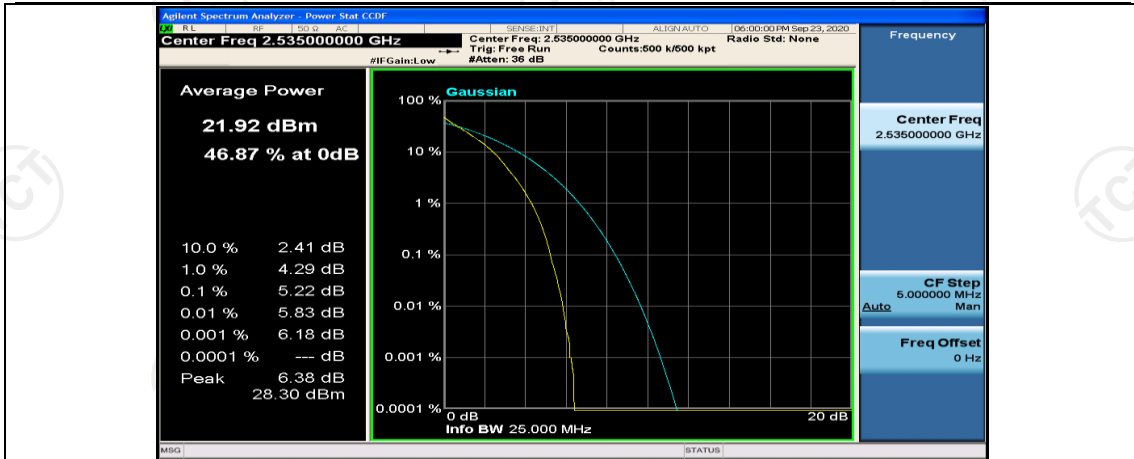
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



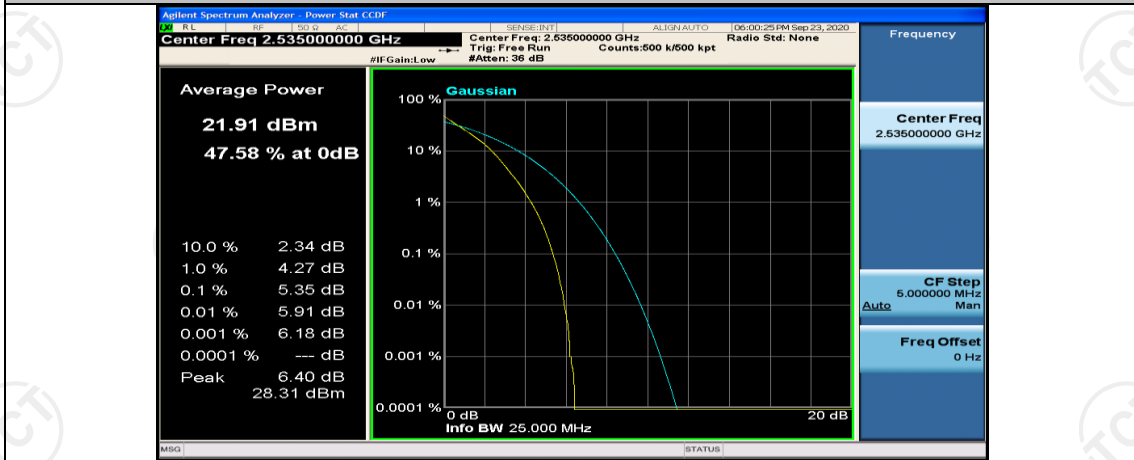
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



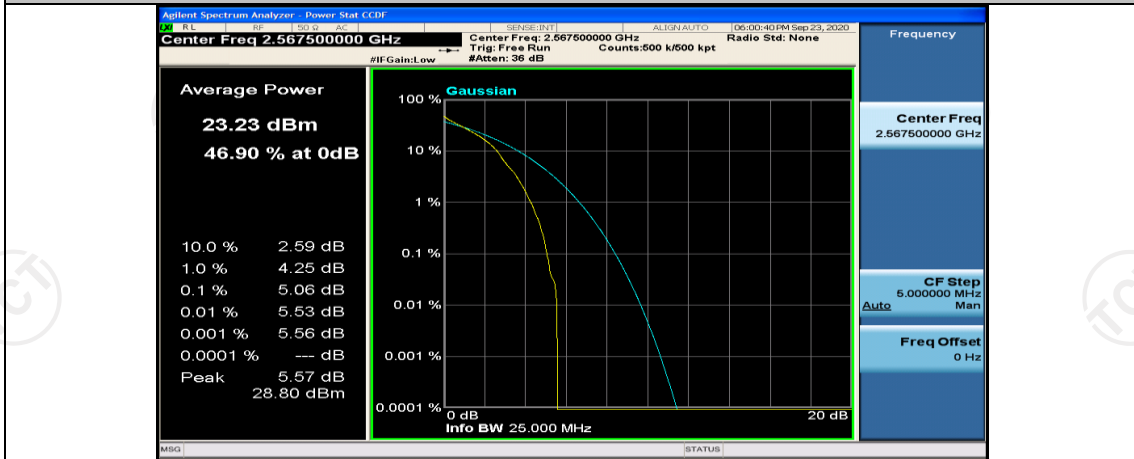
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



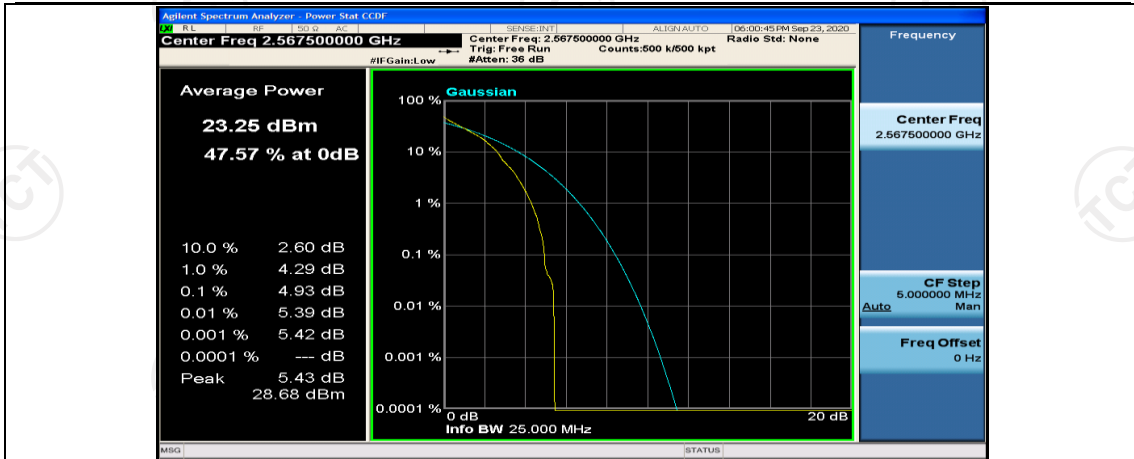
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



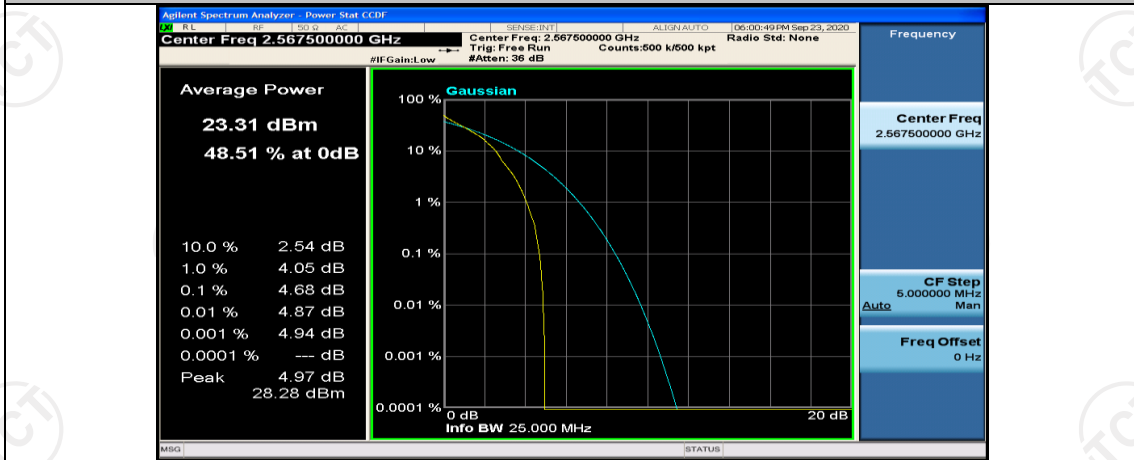
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



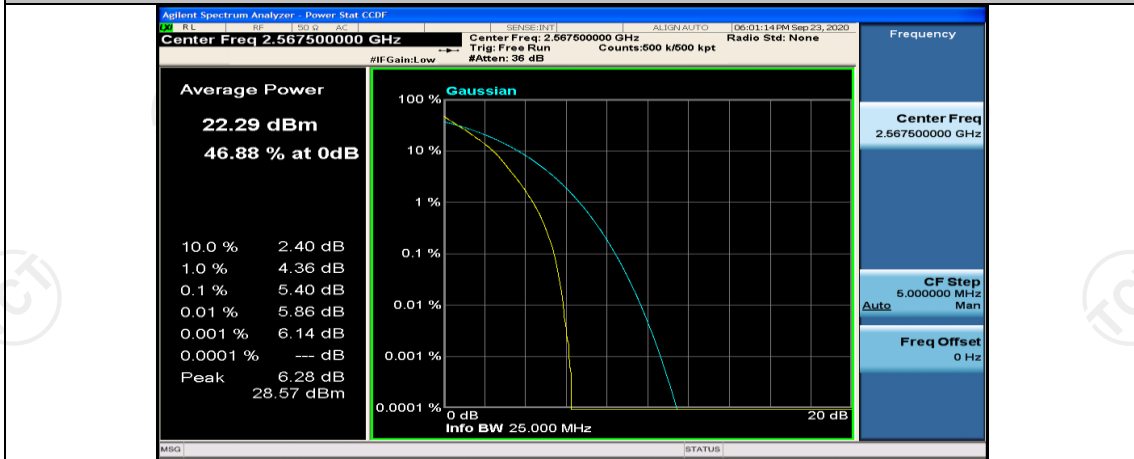
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



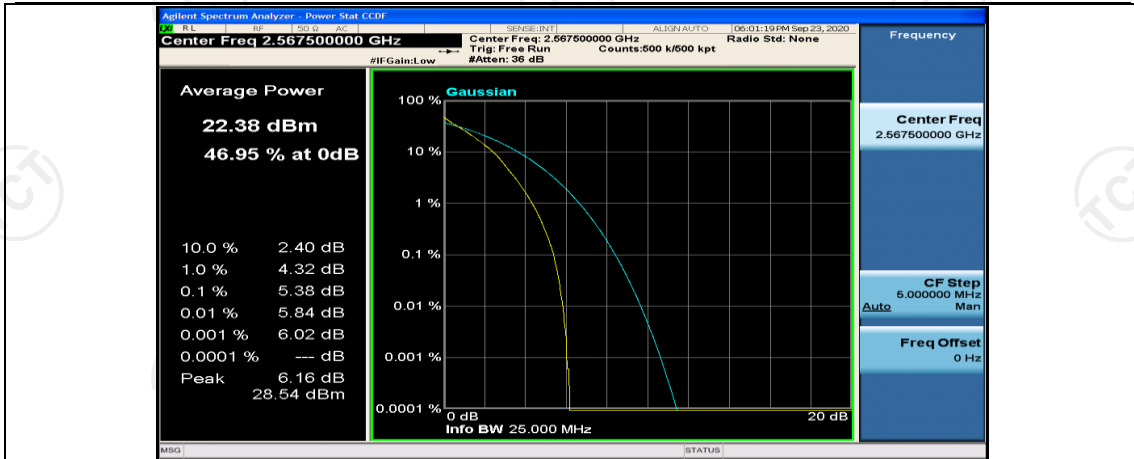
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



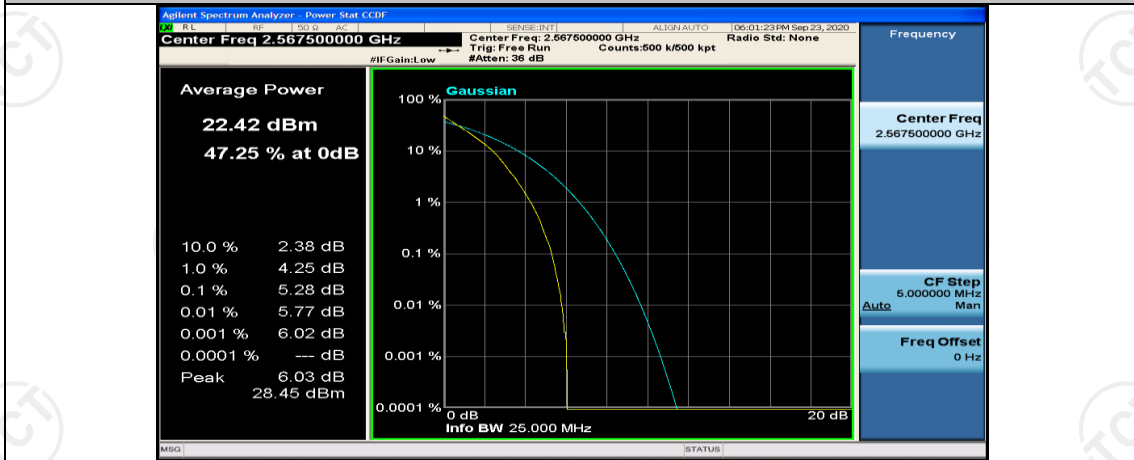
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



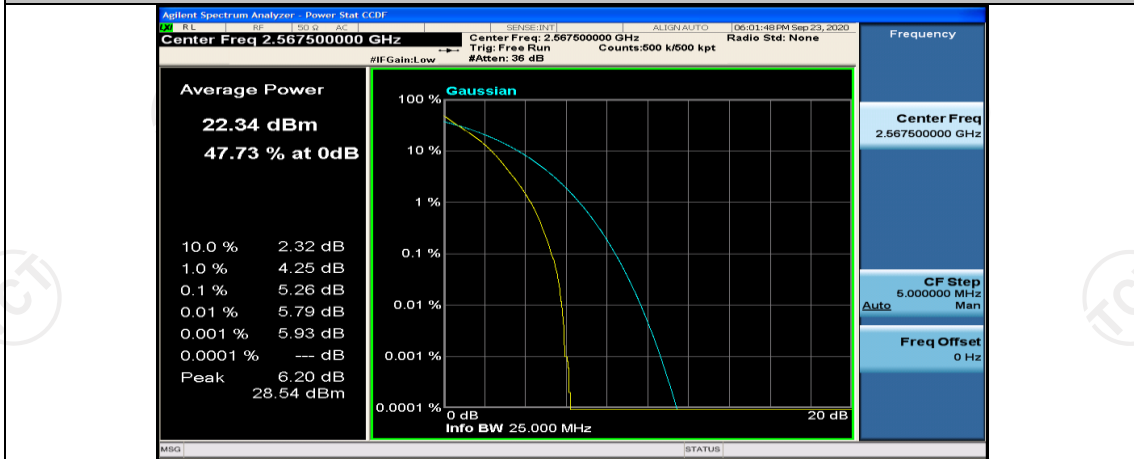
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



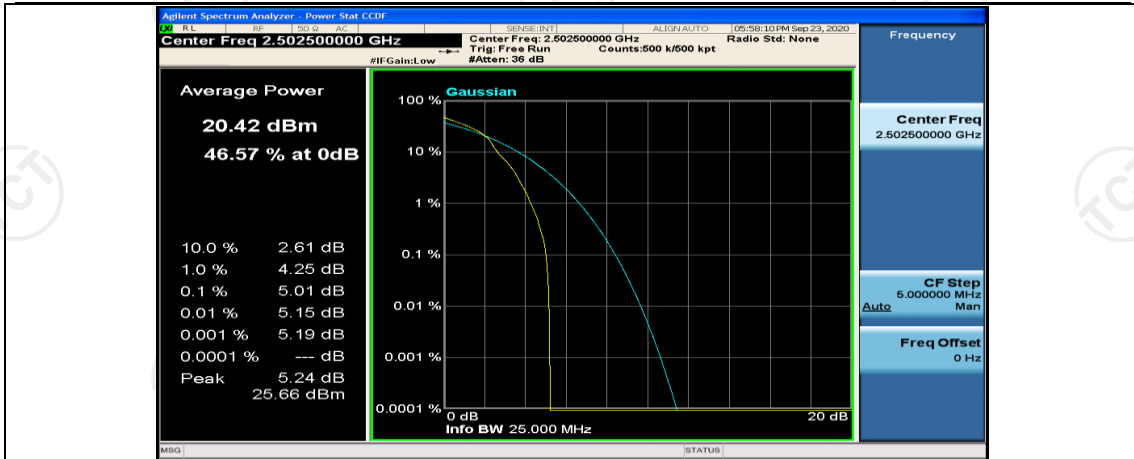
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



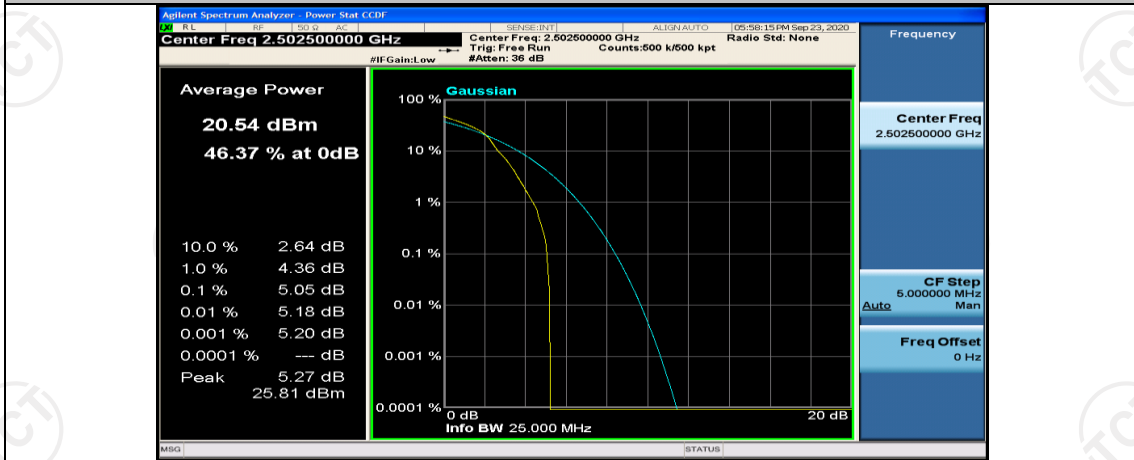
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



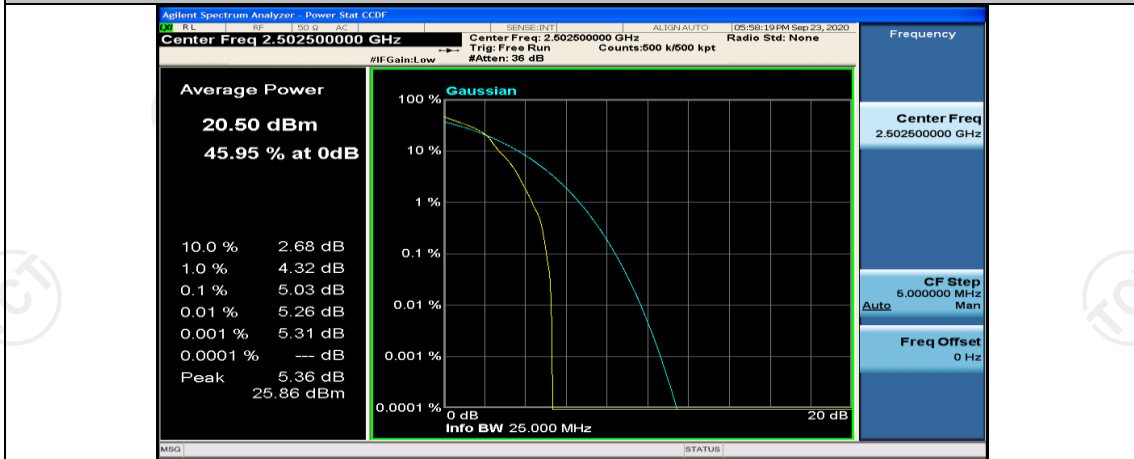
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



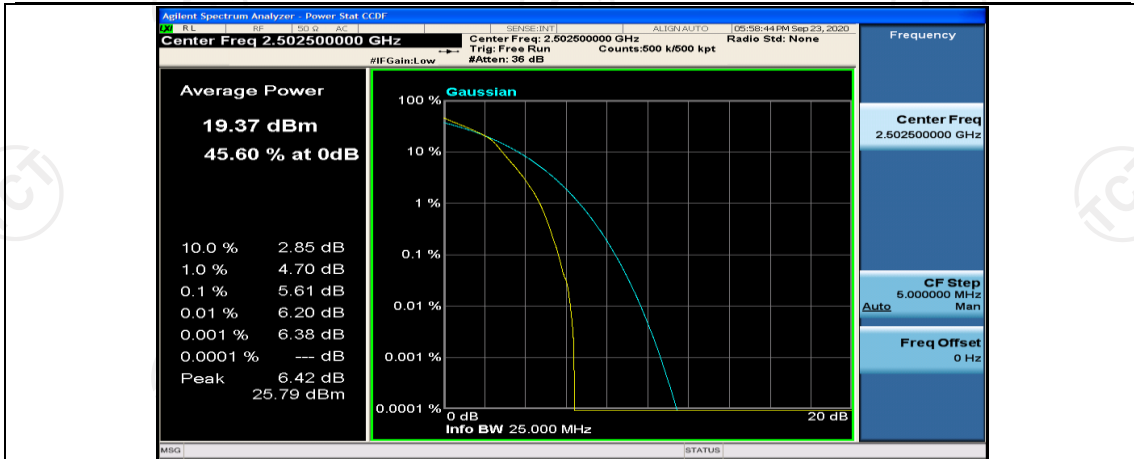
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



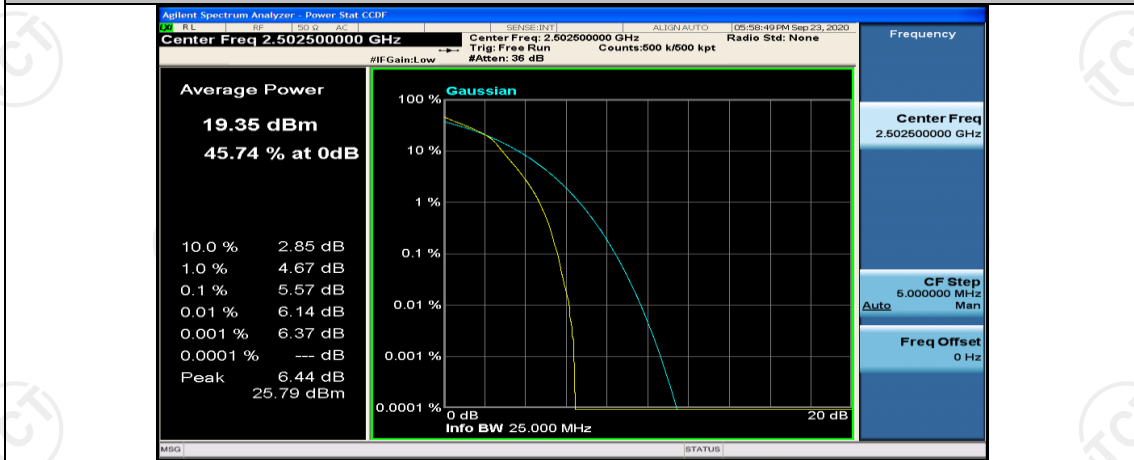
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



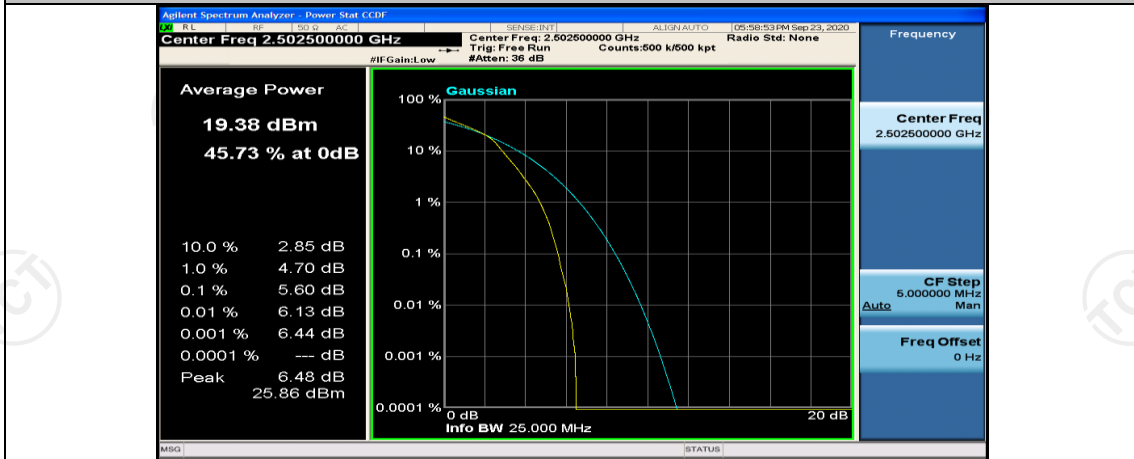
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



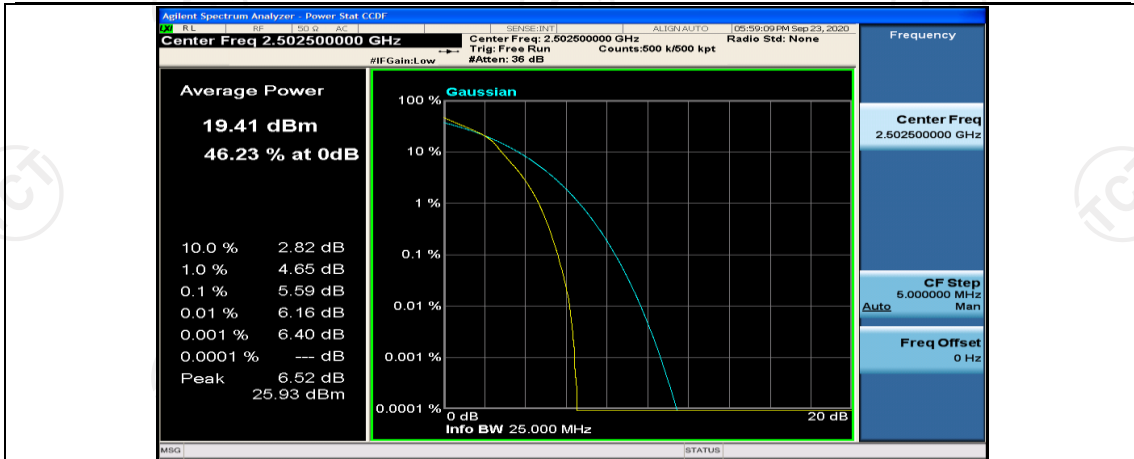
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



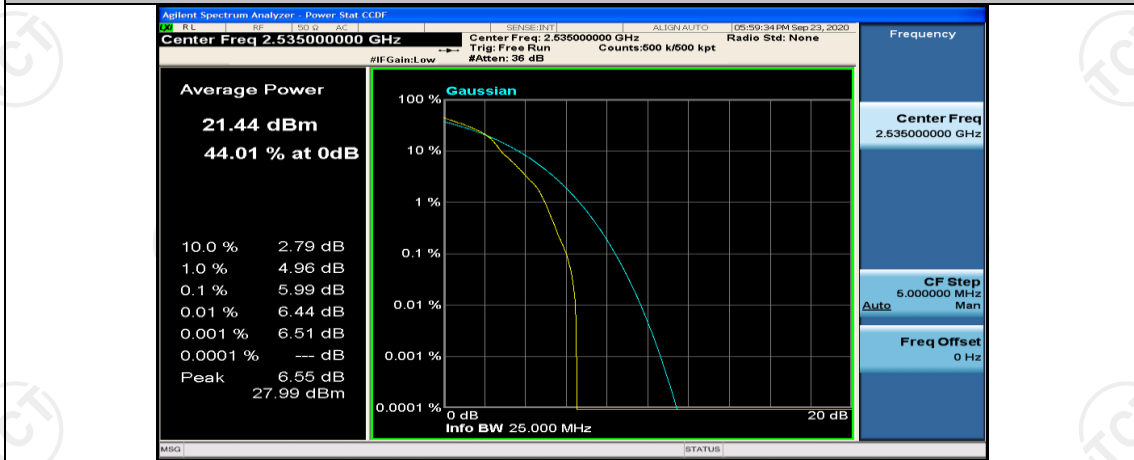
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



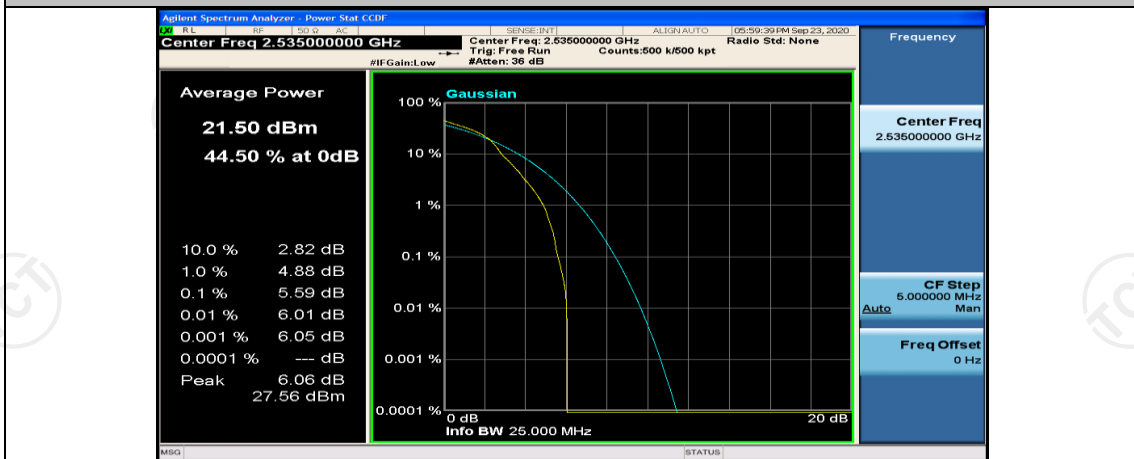
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



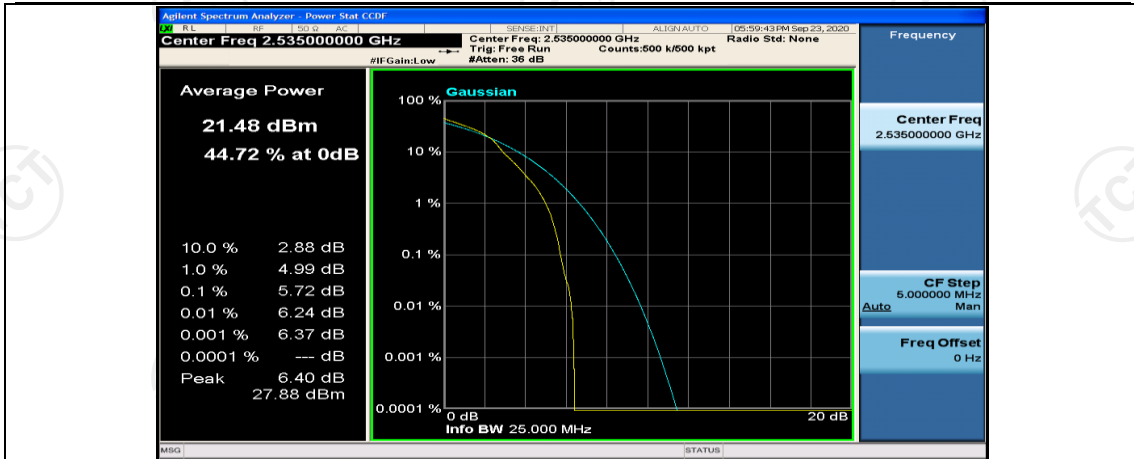
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



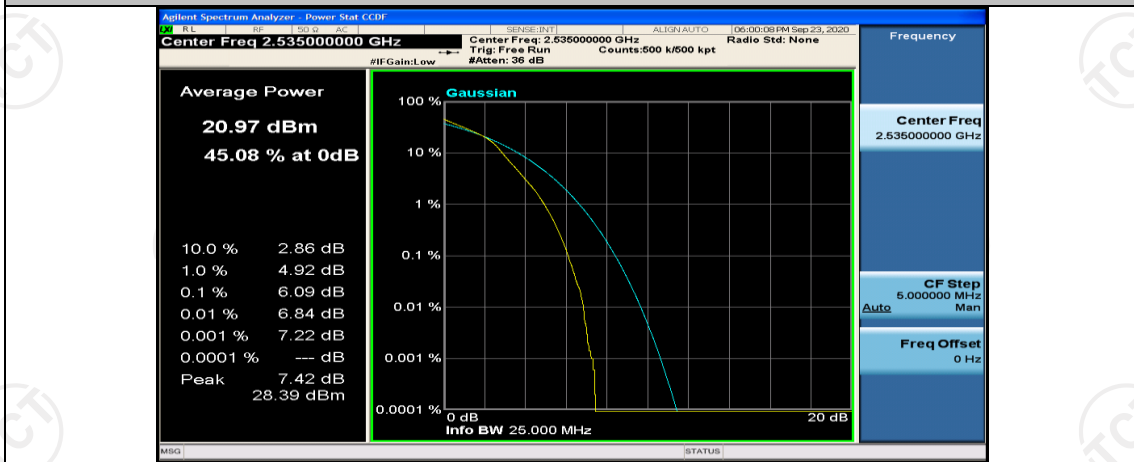
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



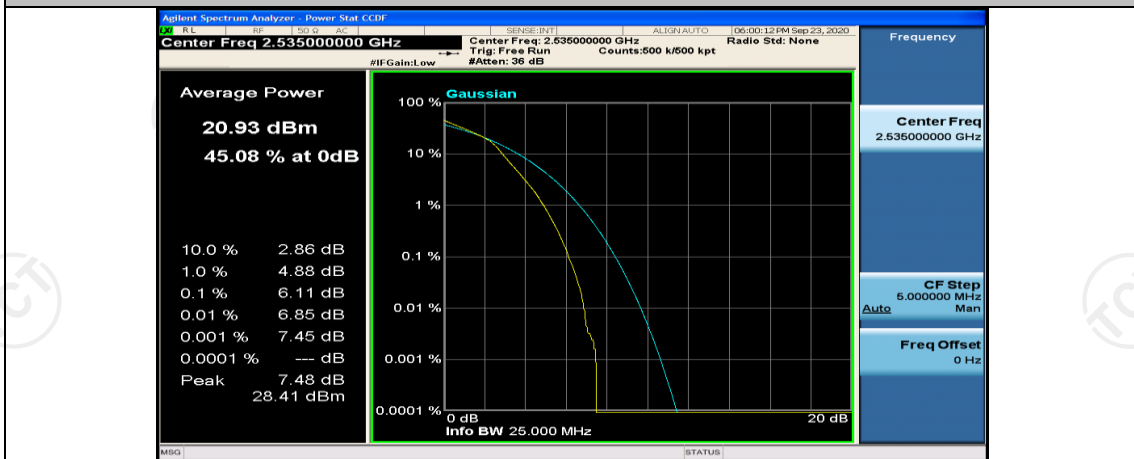
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



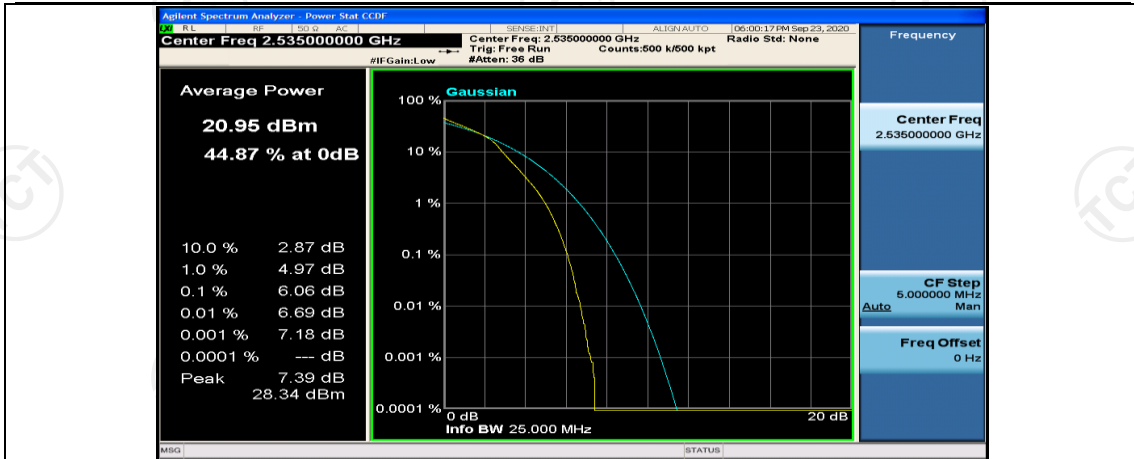
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



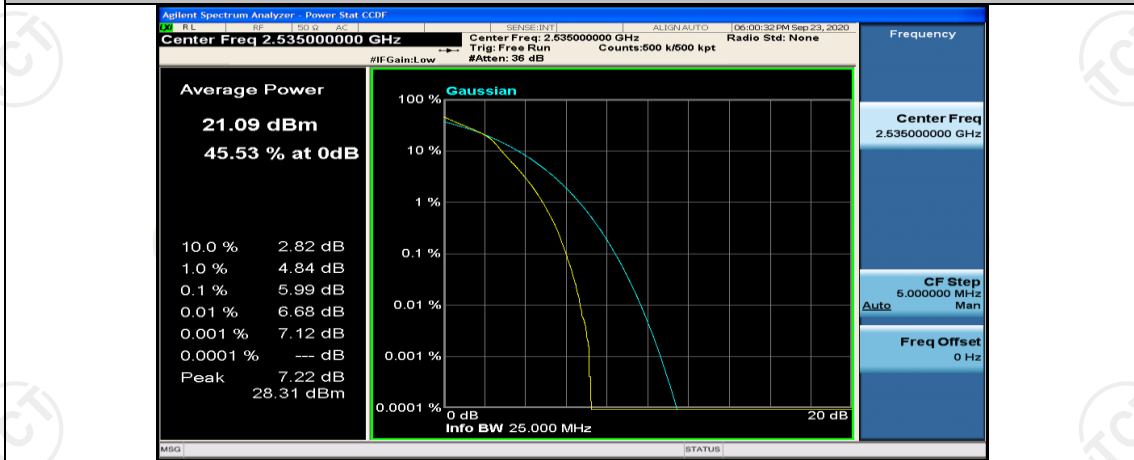
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



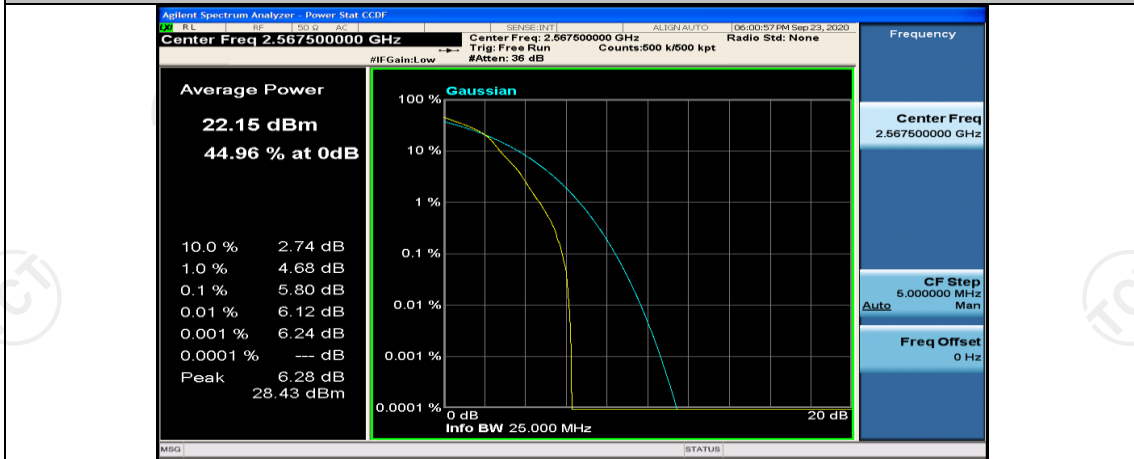
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



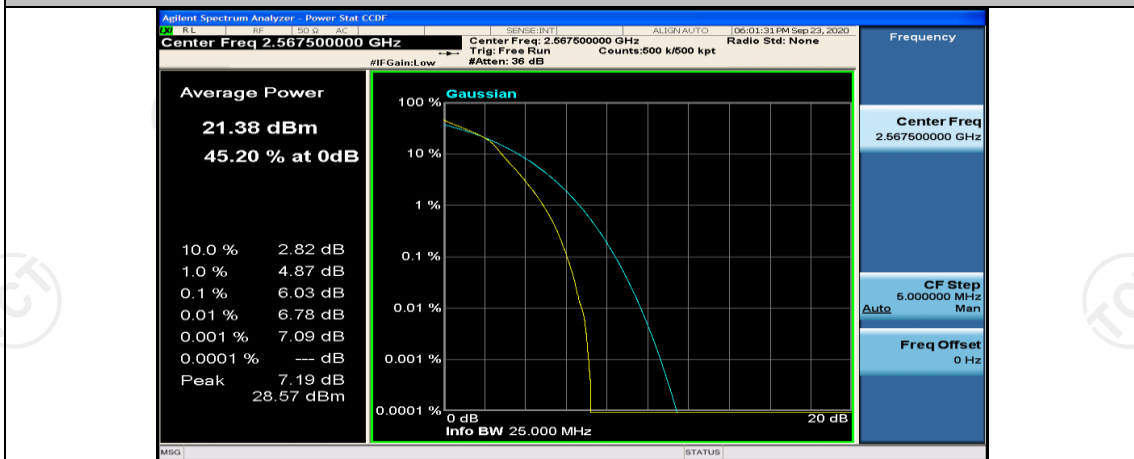
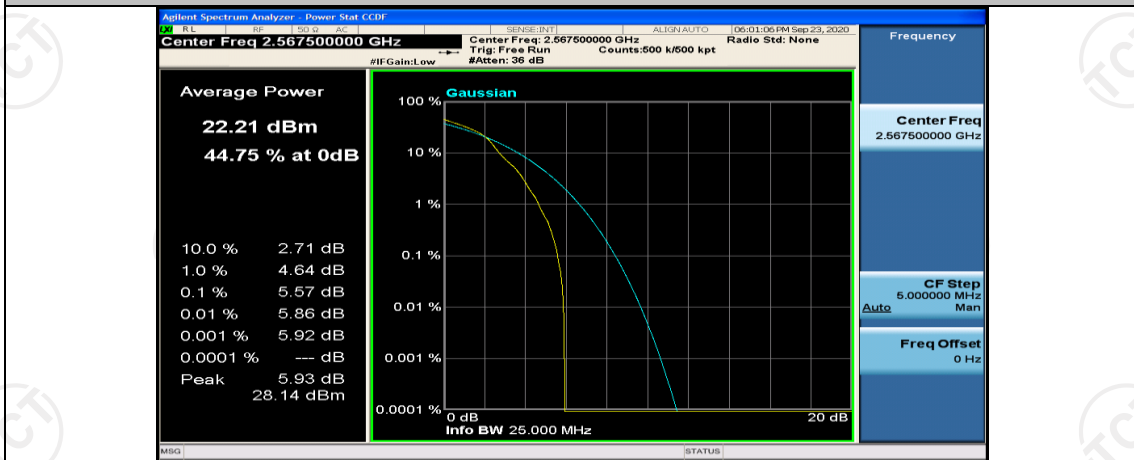
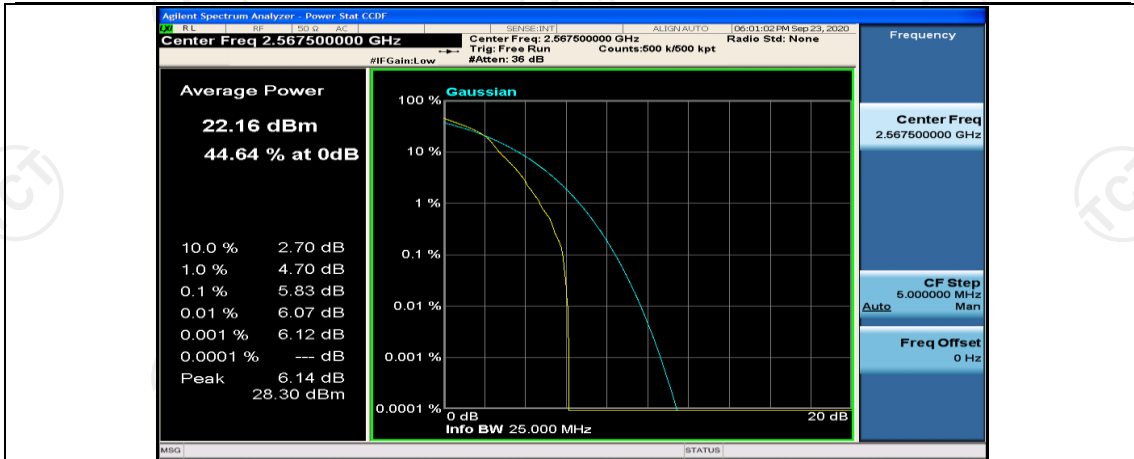
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

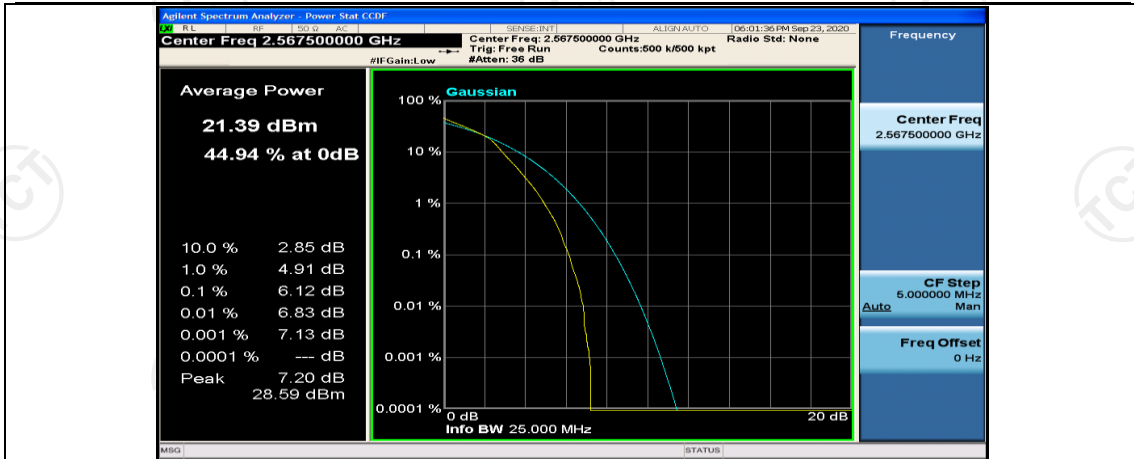


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

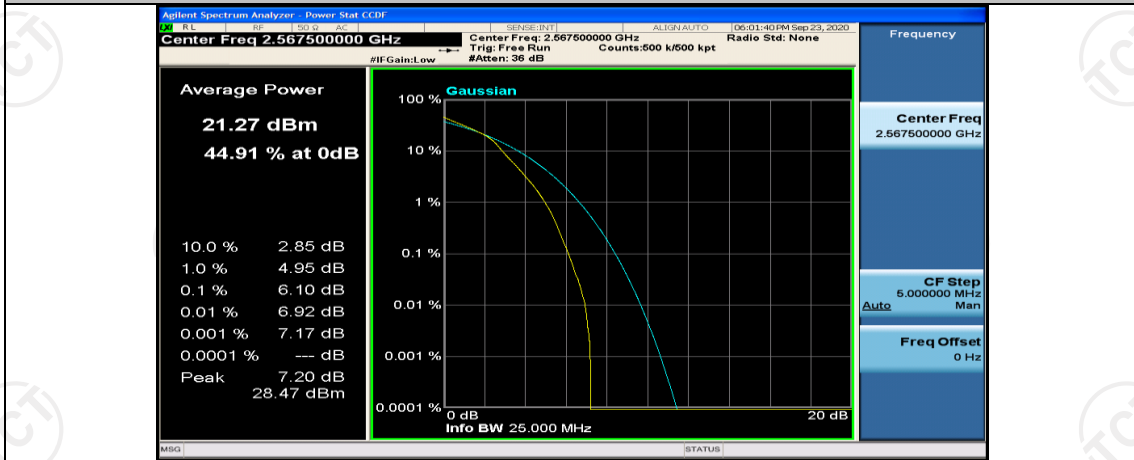


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

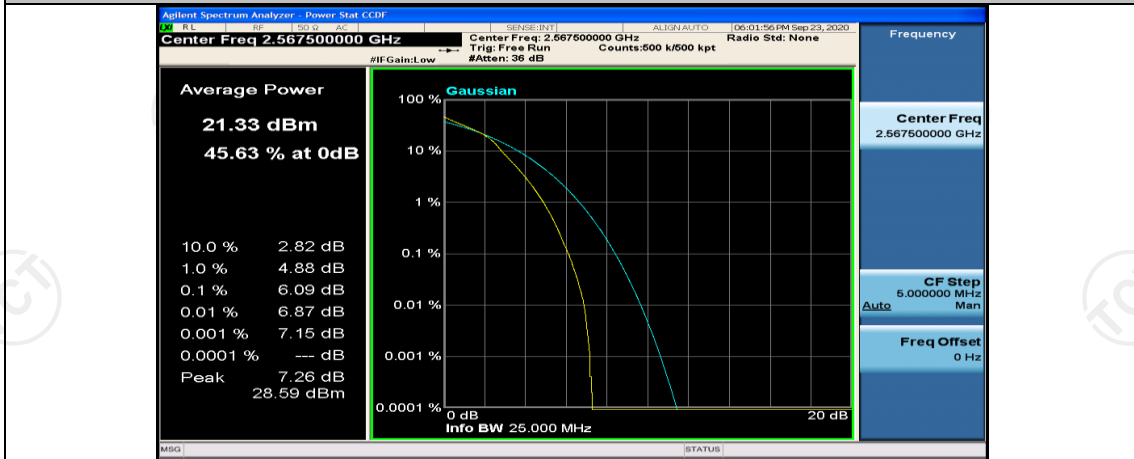




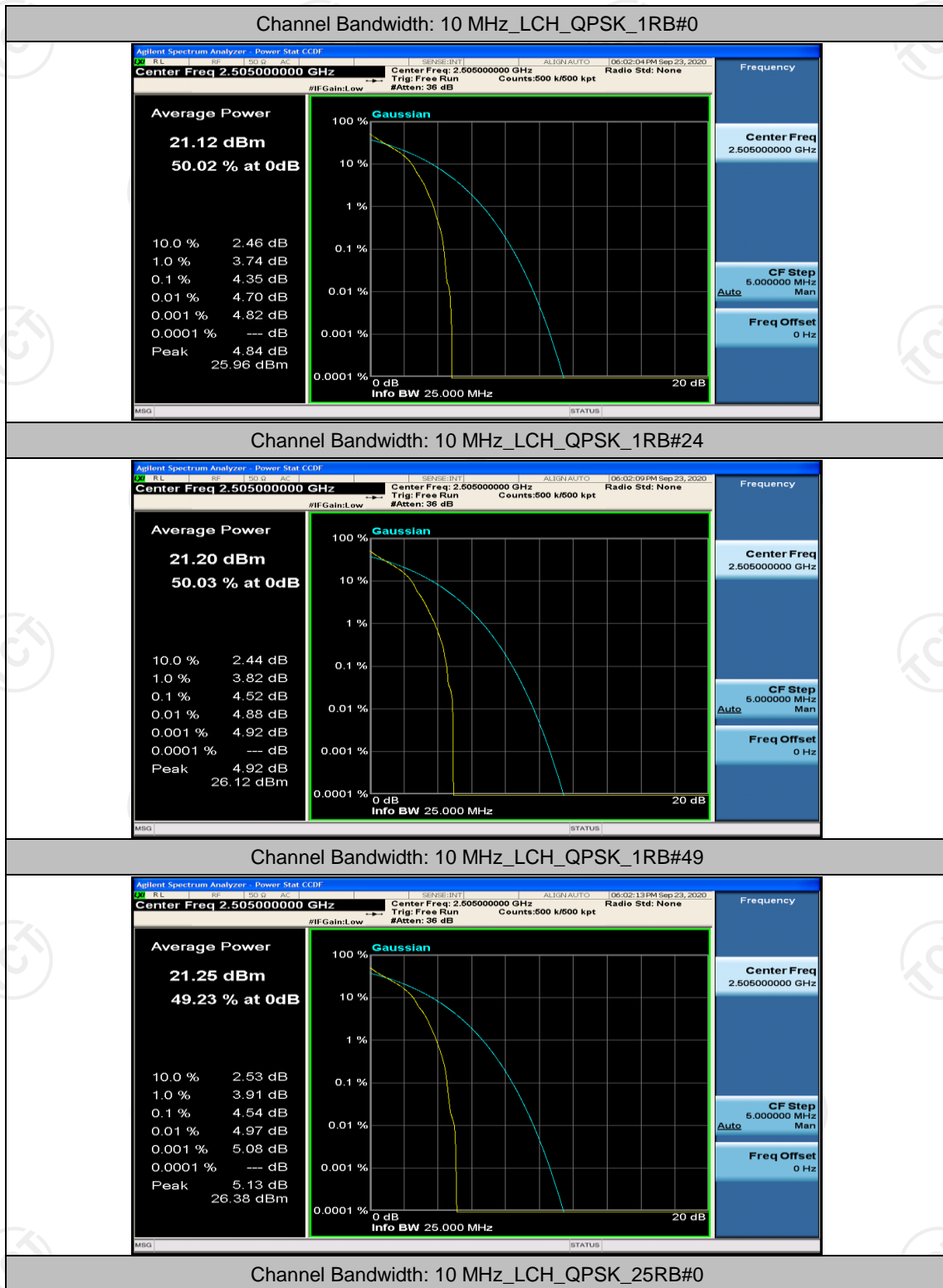
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

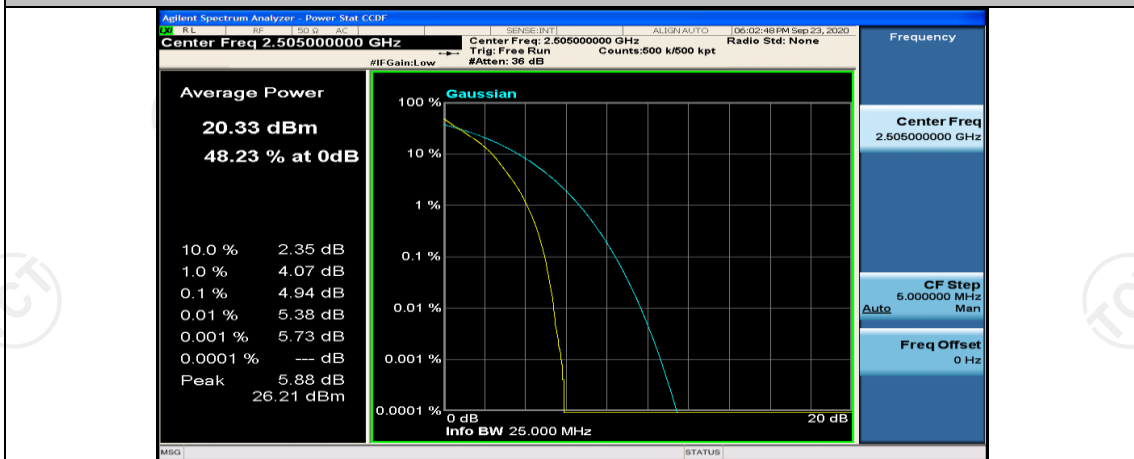
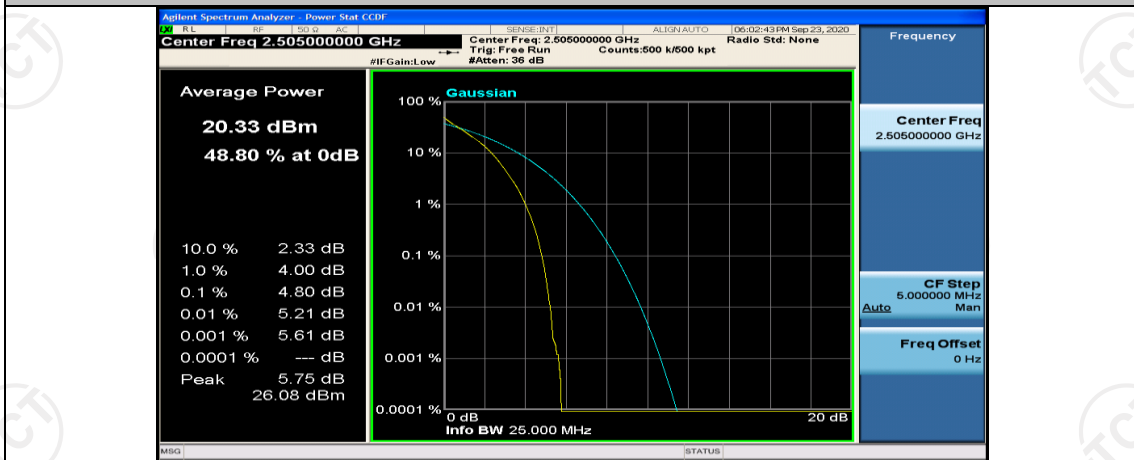
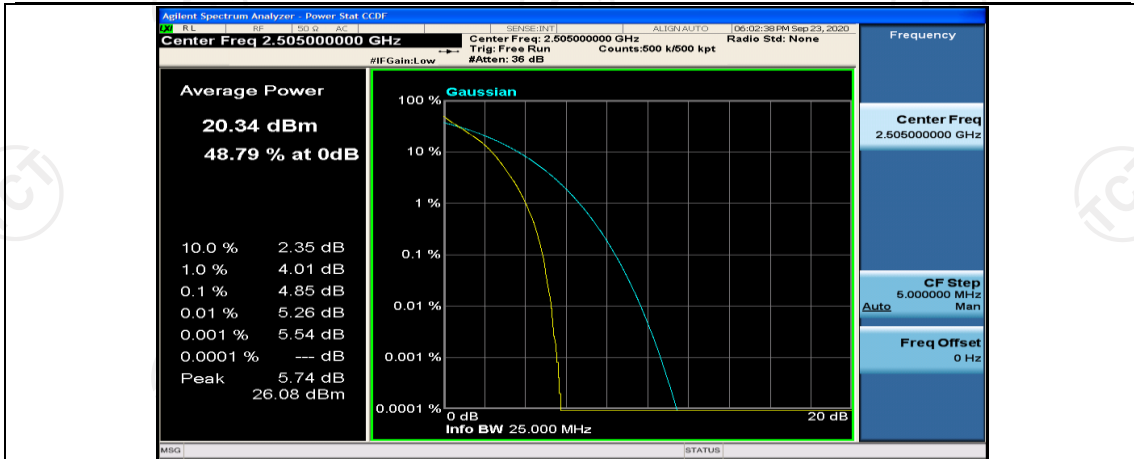


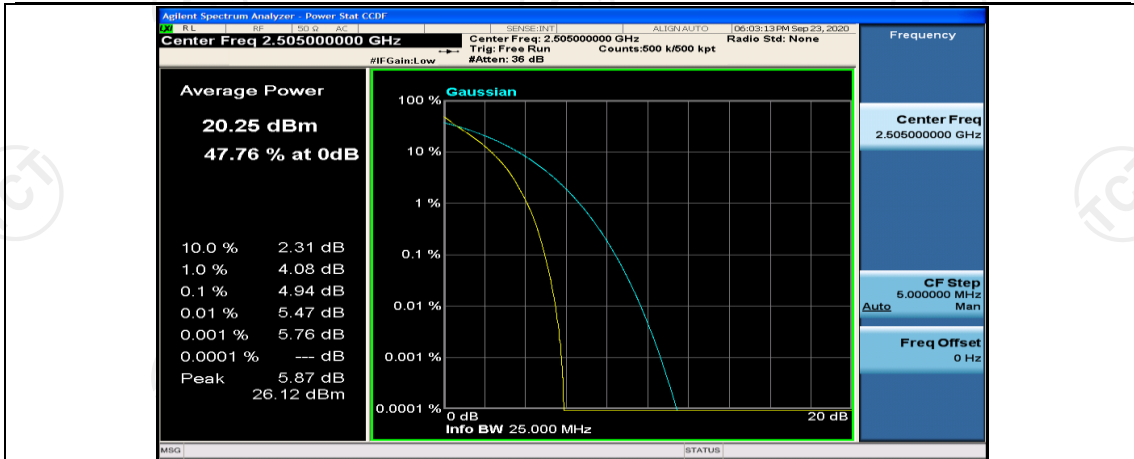
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



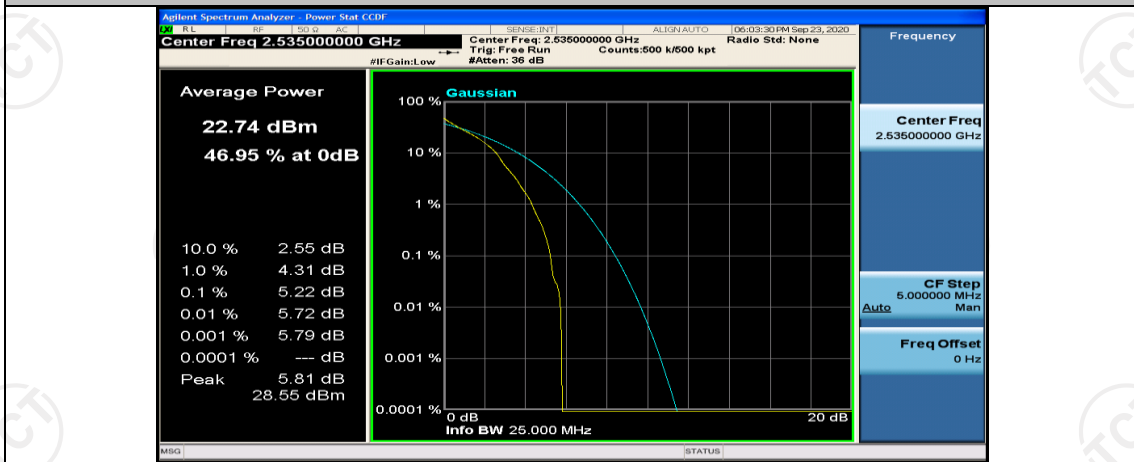
Channel Bandwidth: 10 MHz



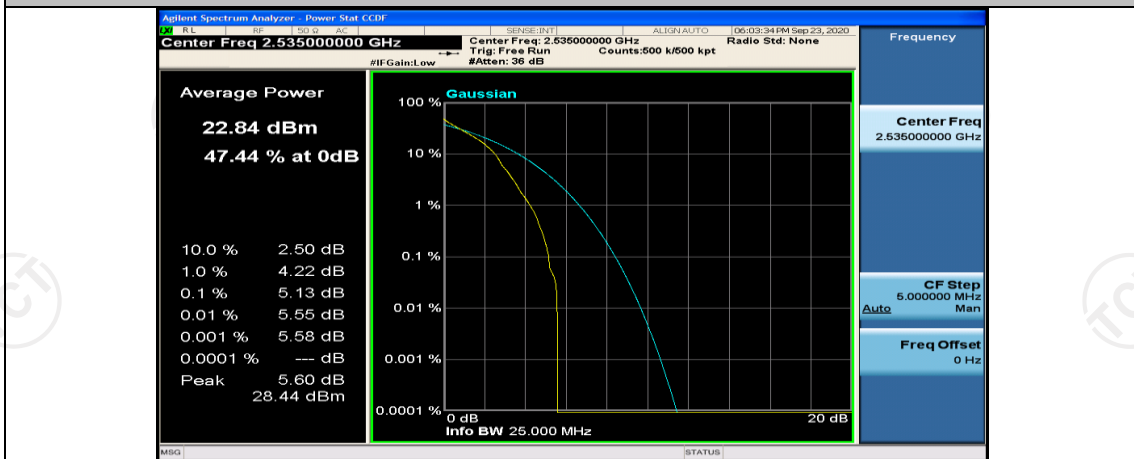




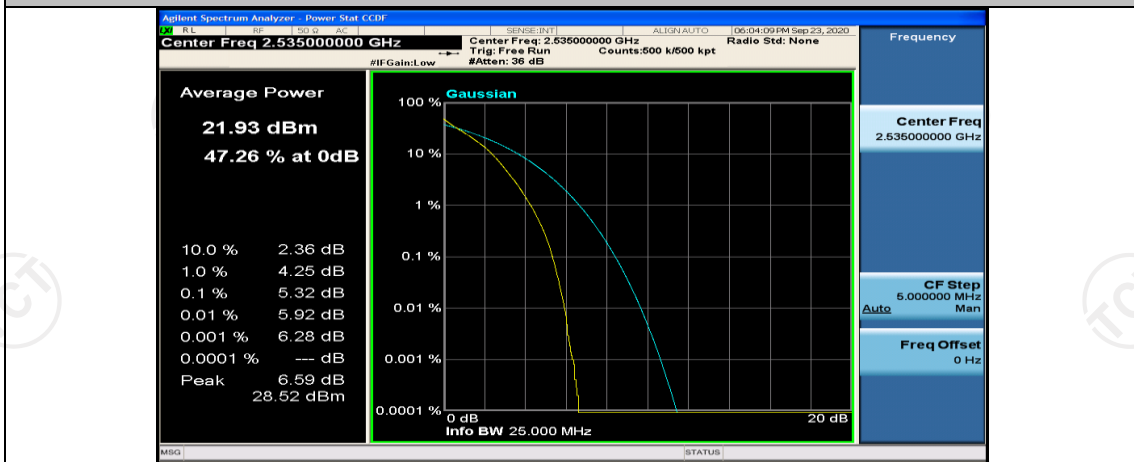
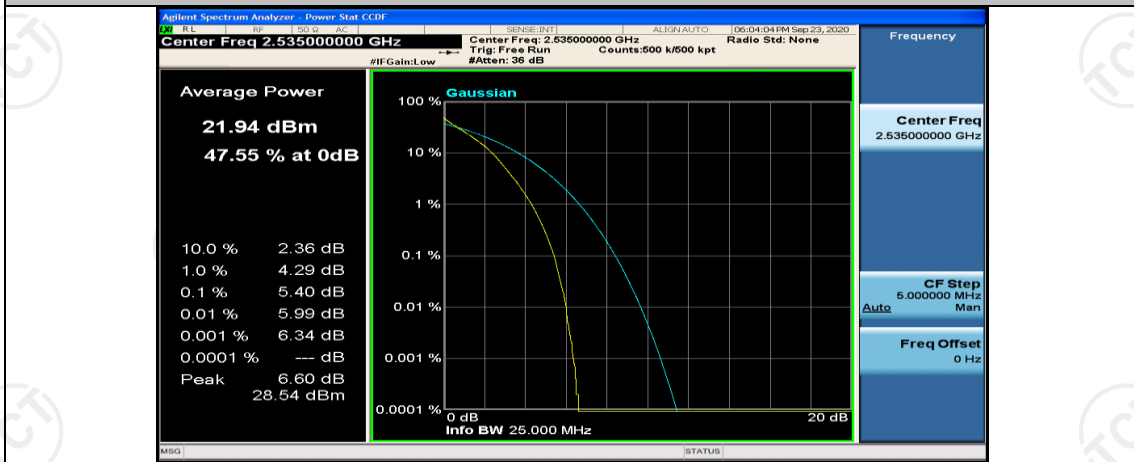
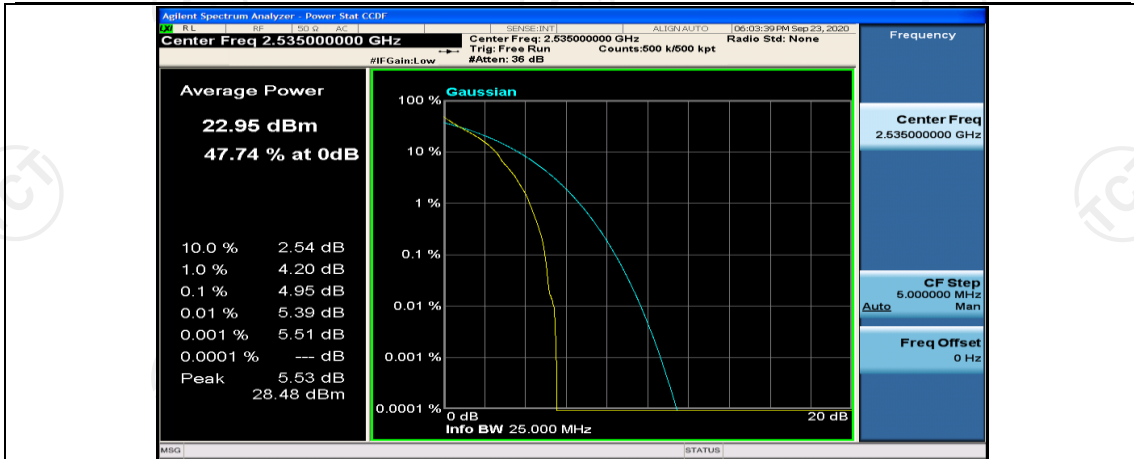
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

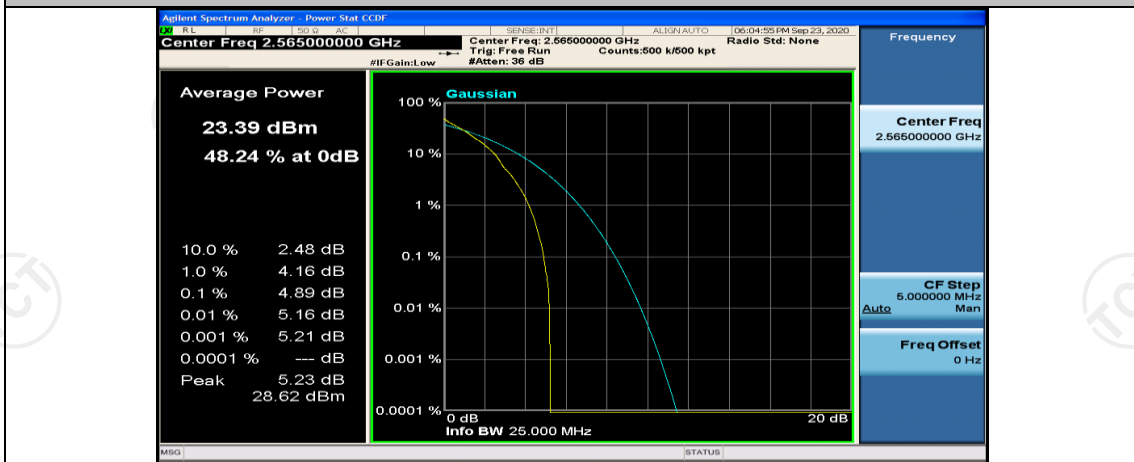
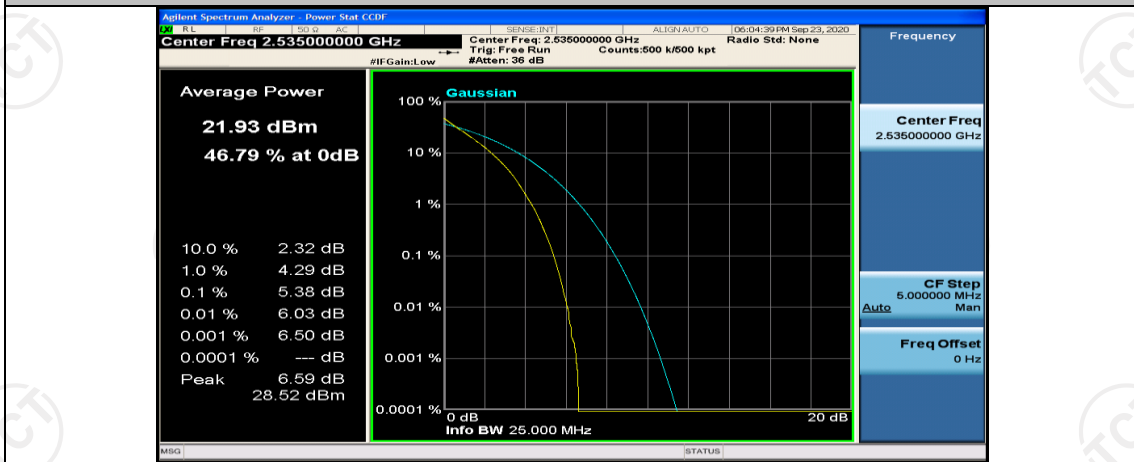
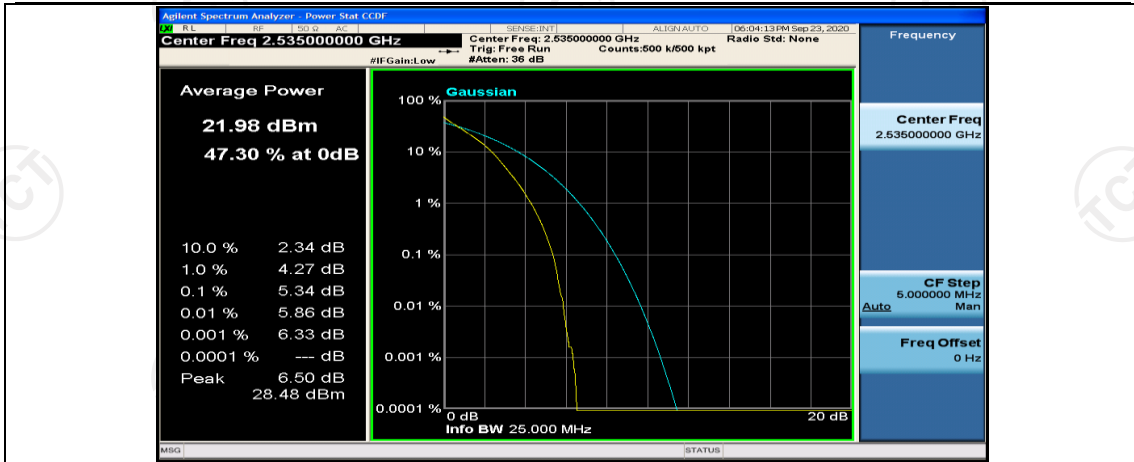


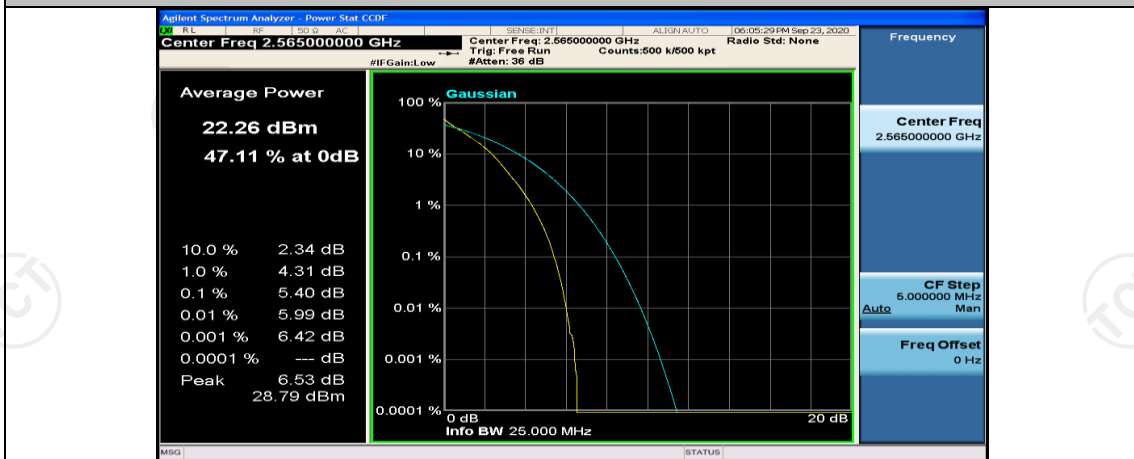
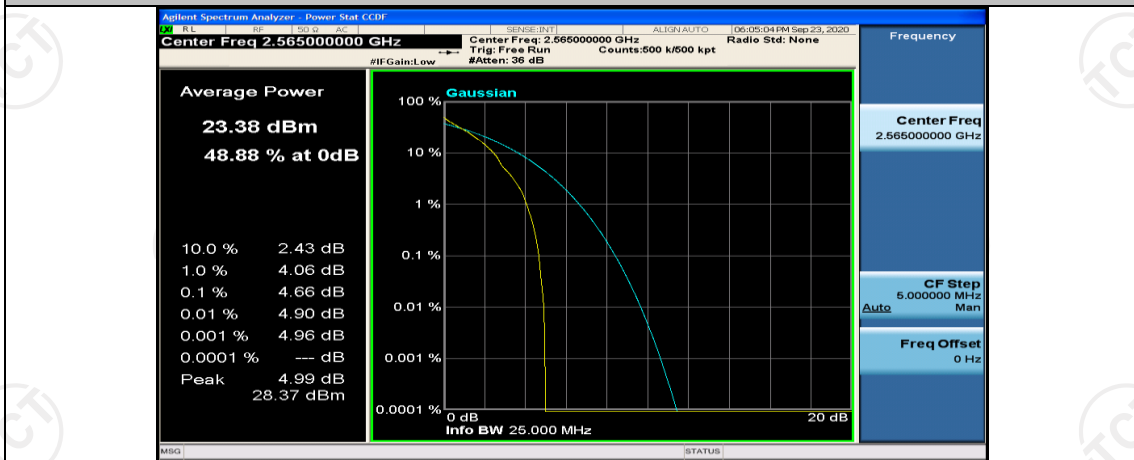
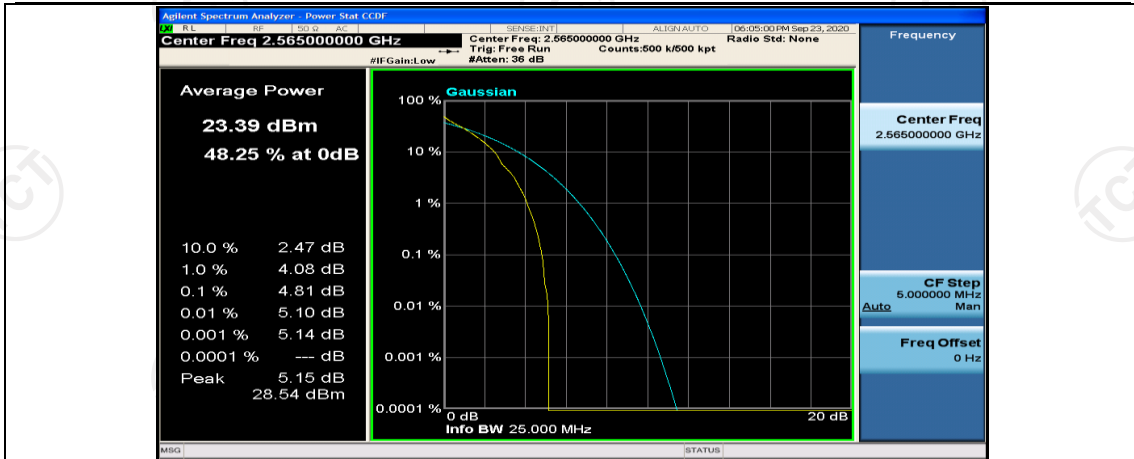
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

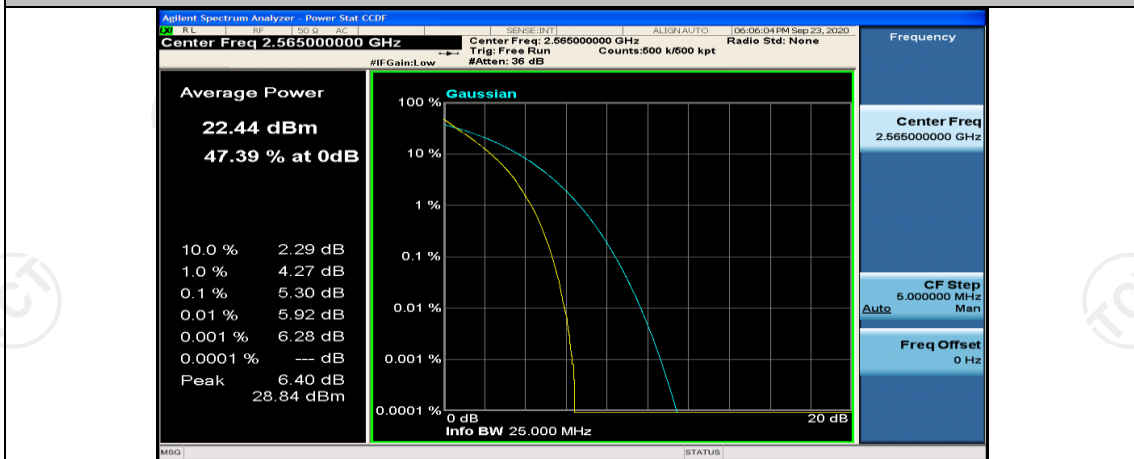
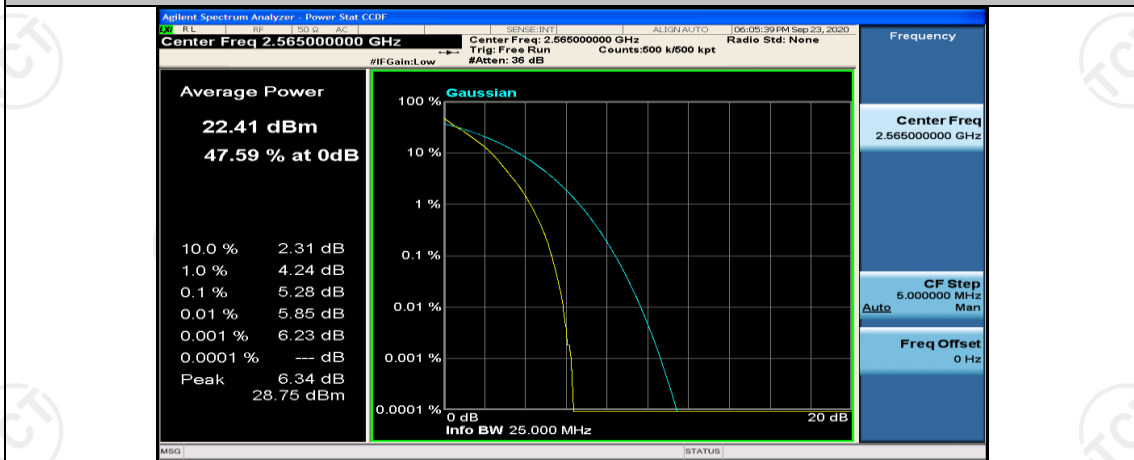
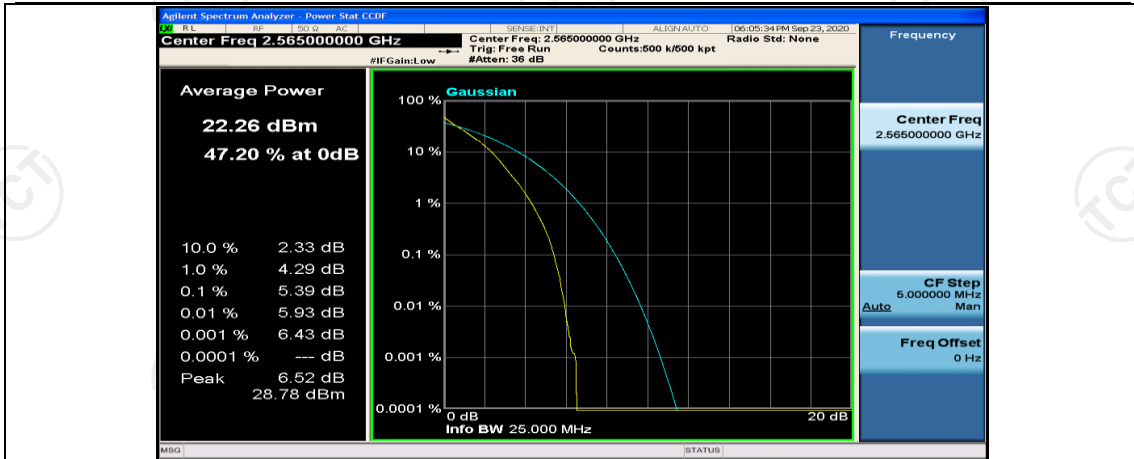


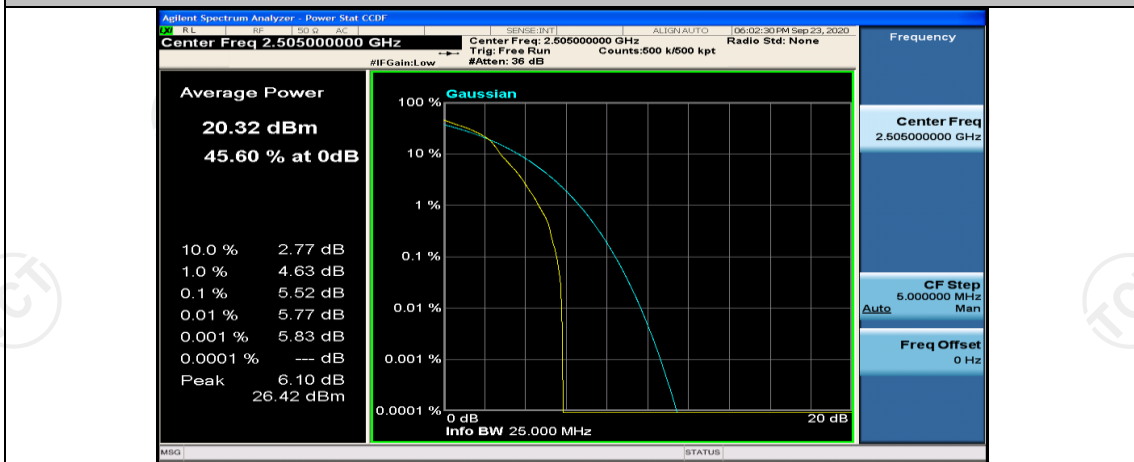
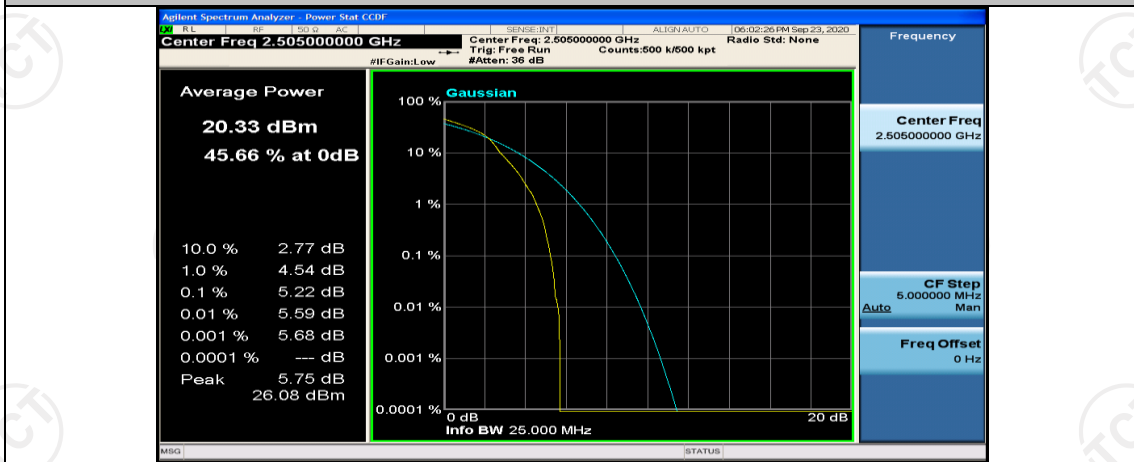
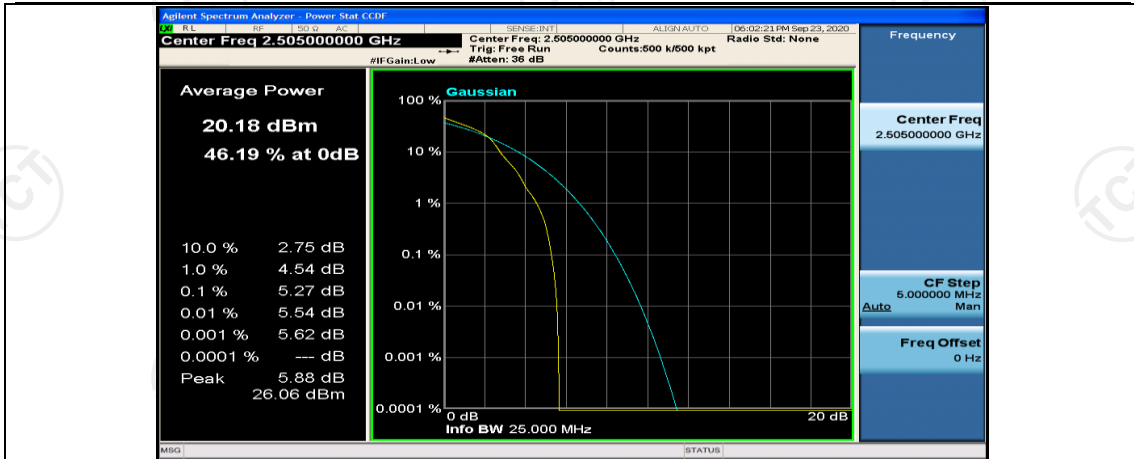
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

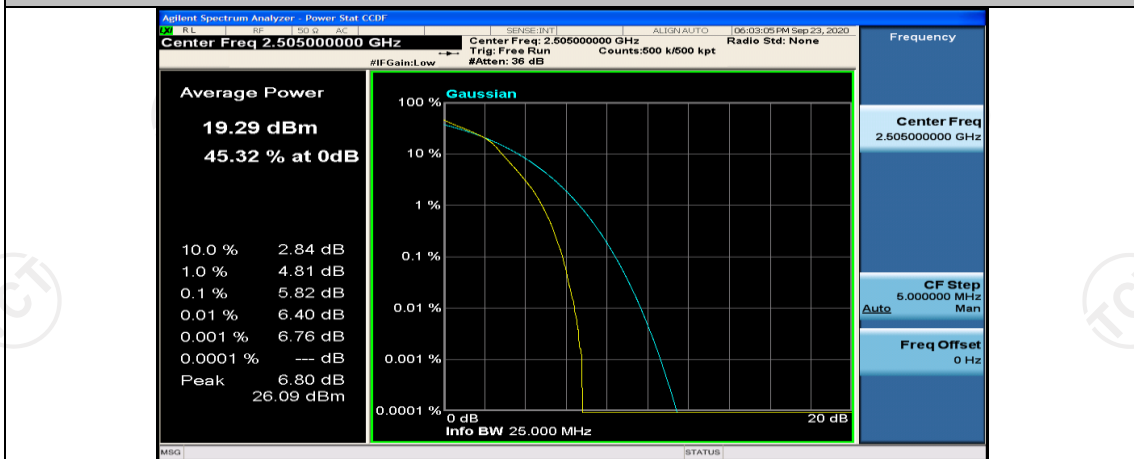
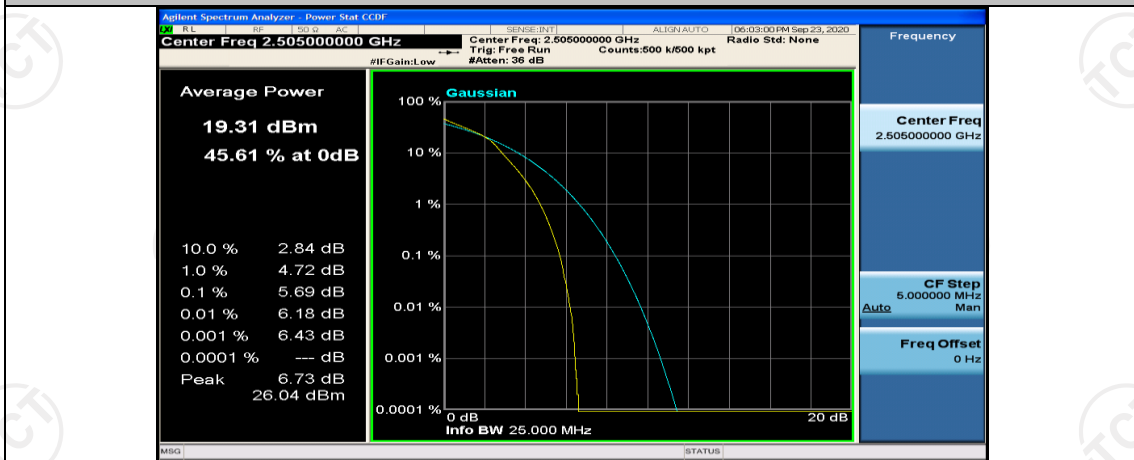
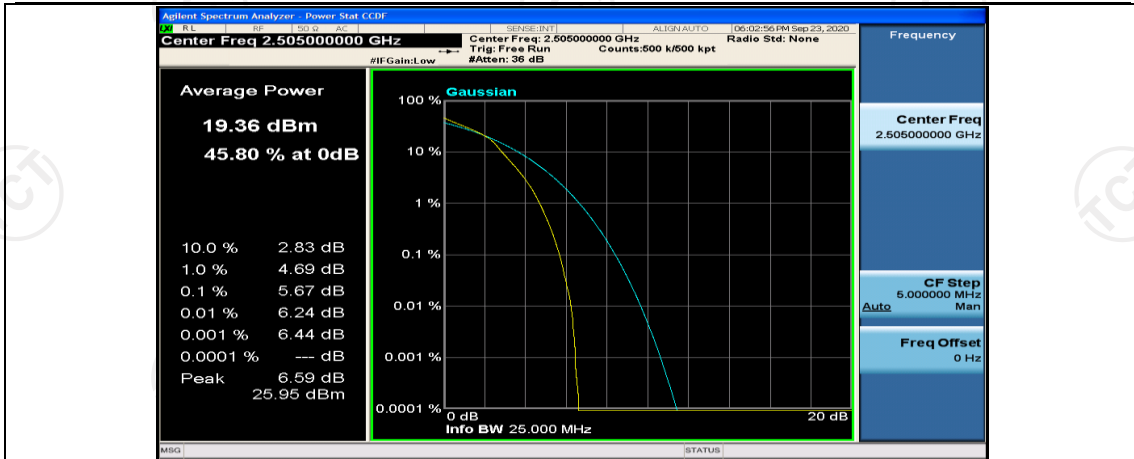


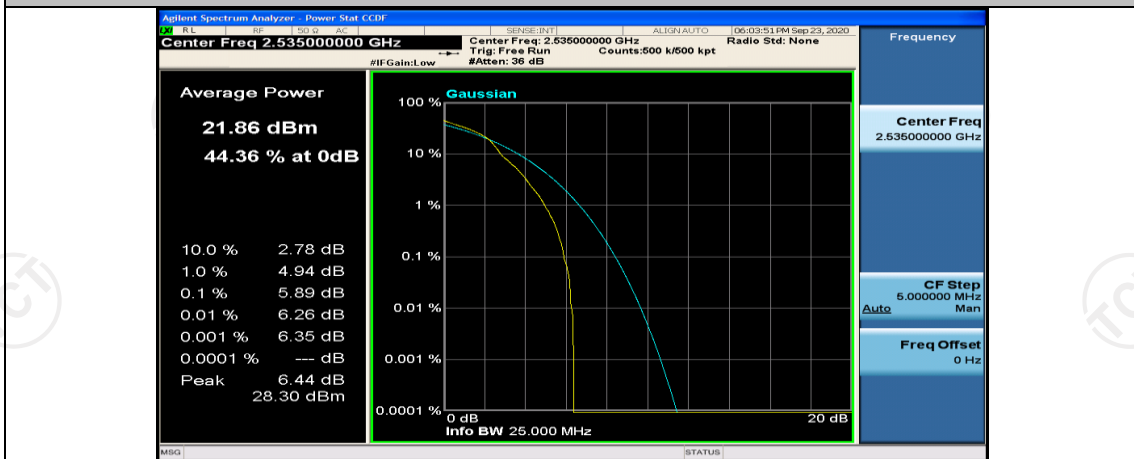
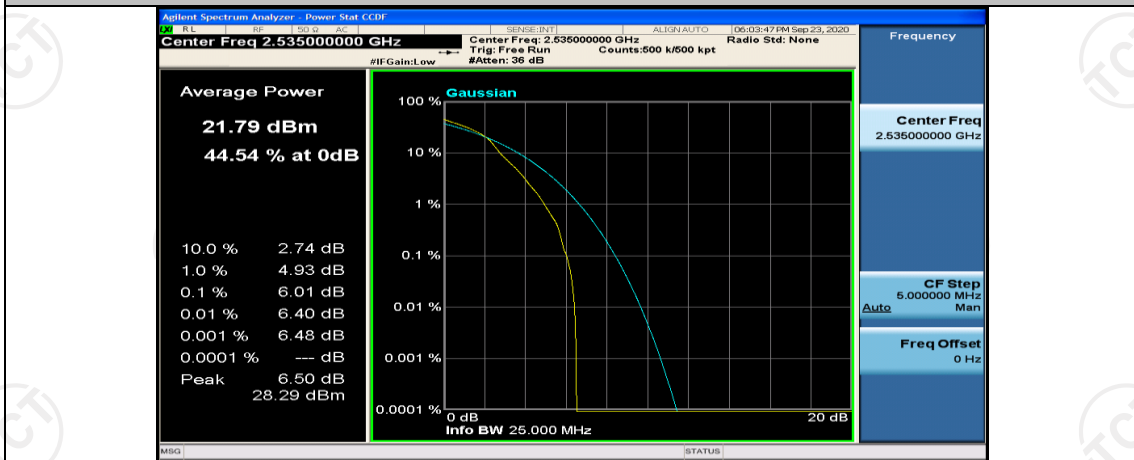
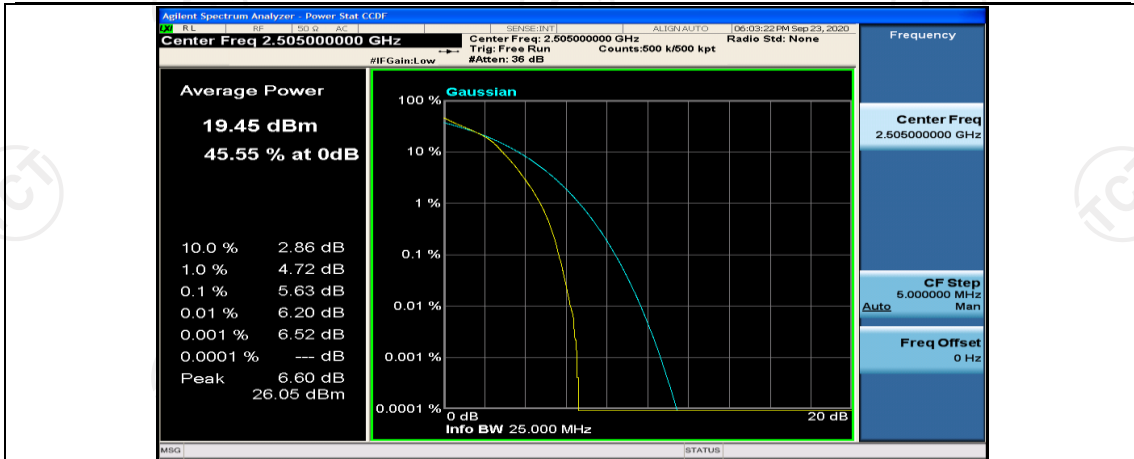


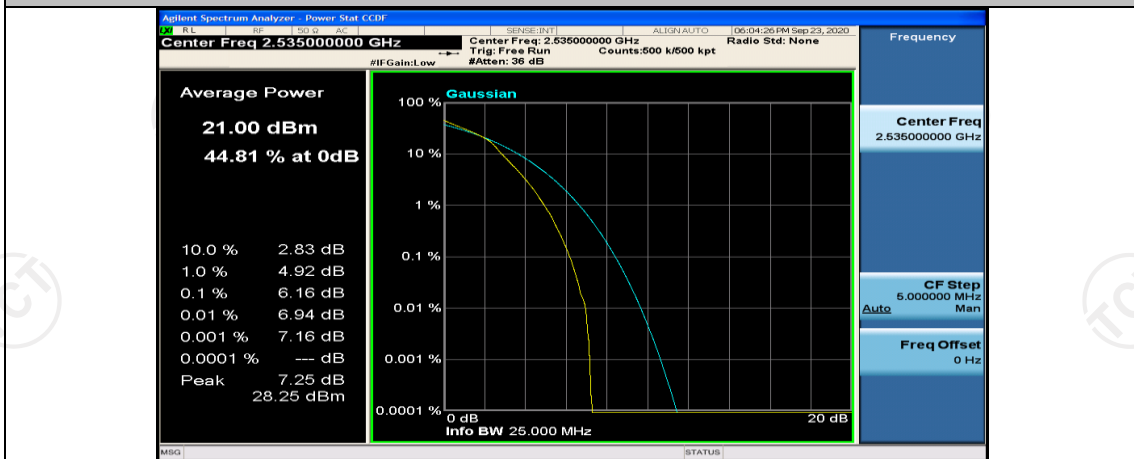
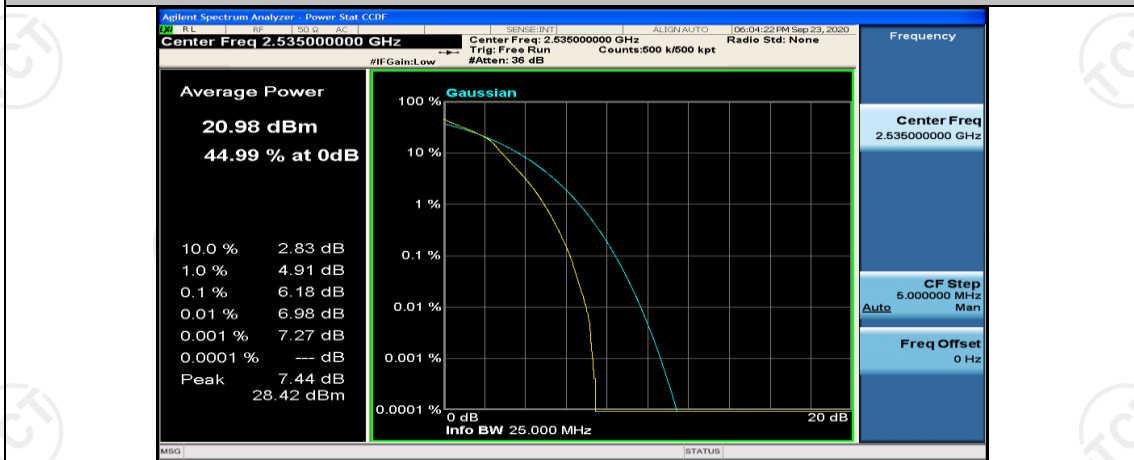
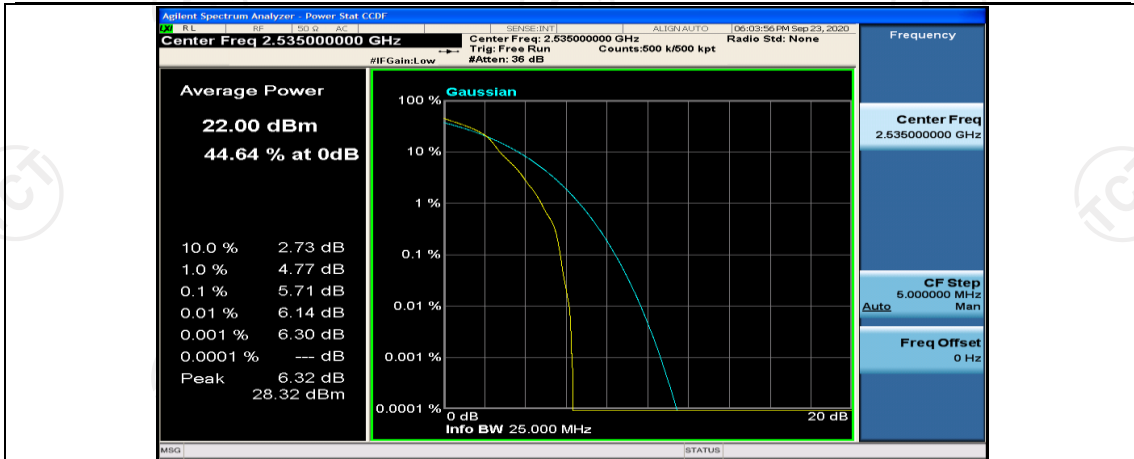


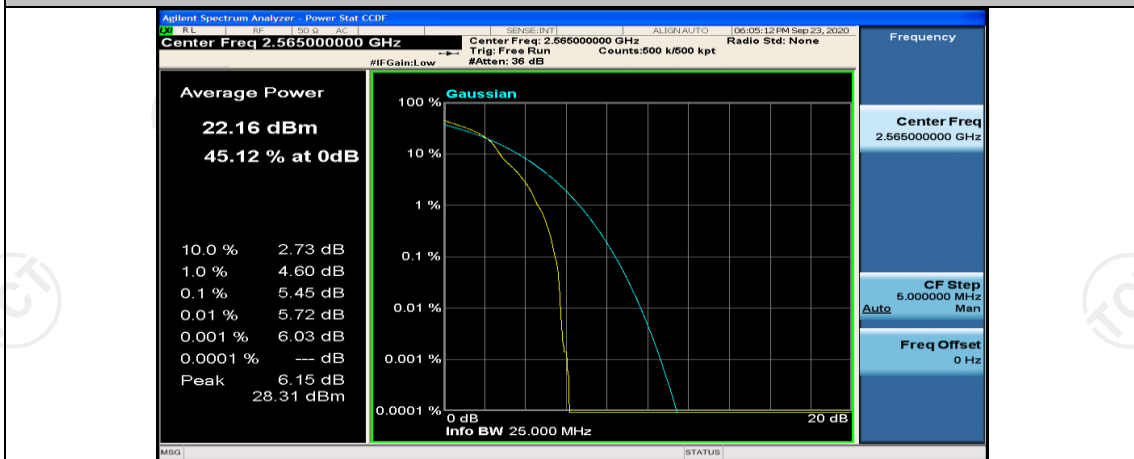
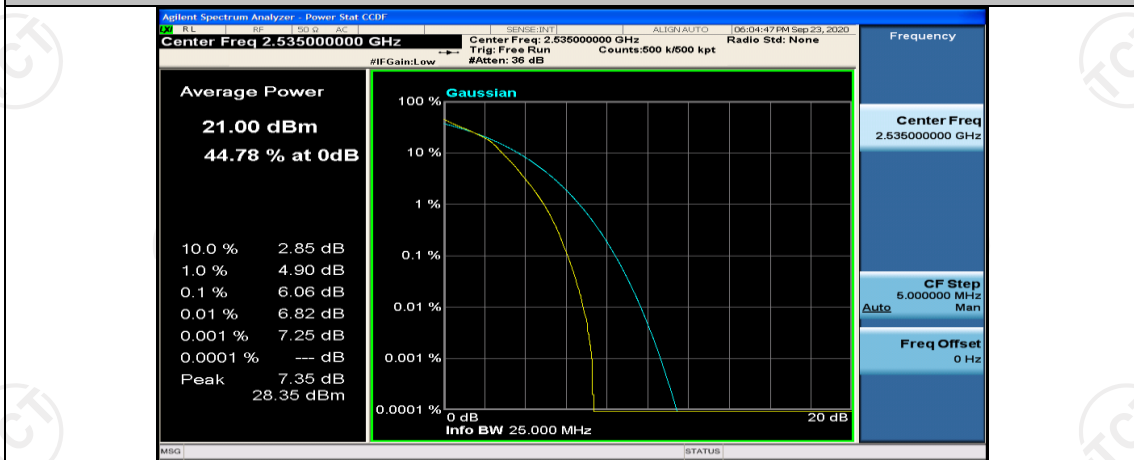
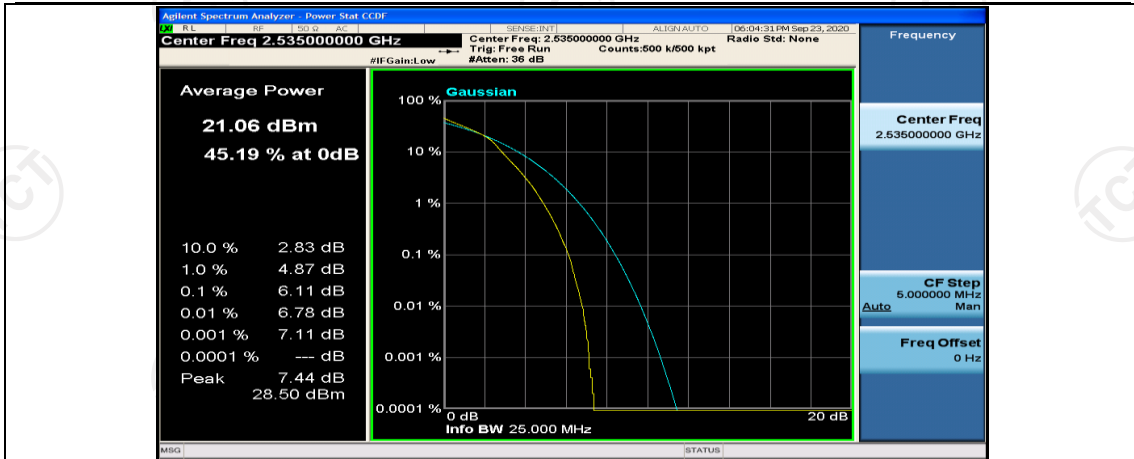


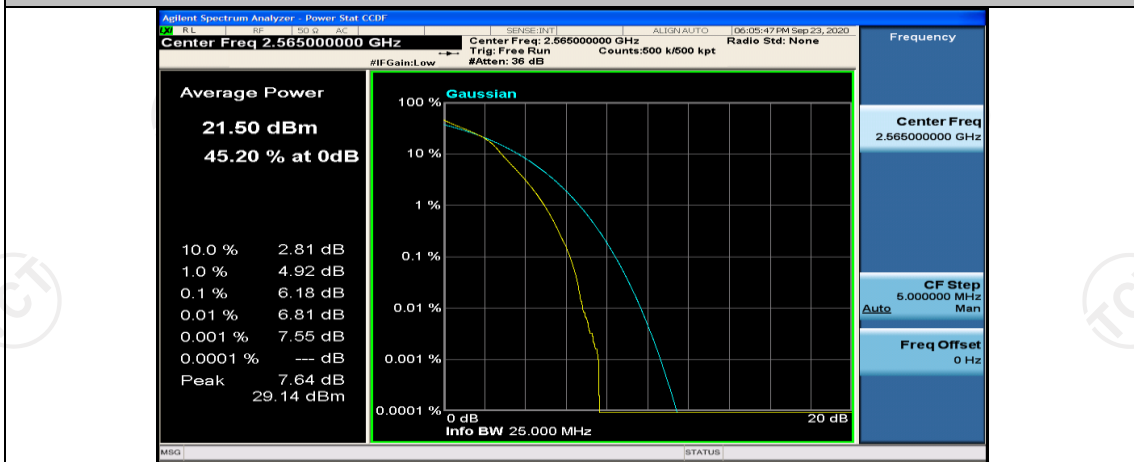
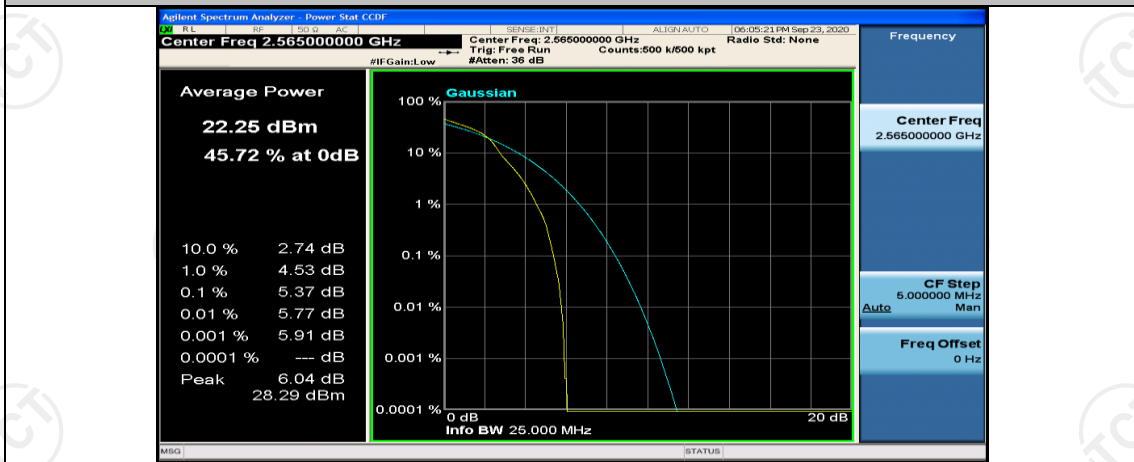
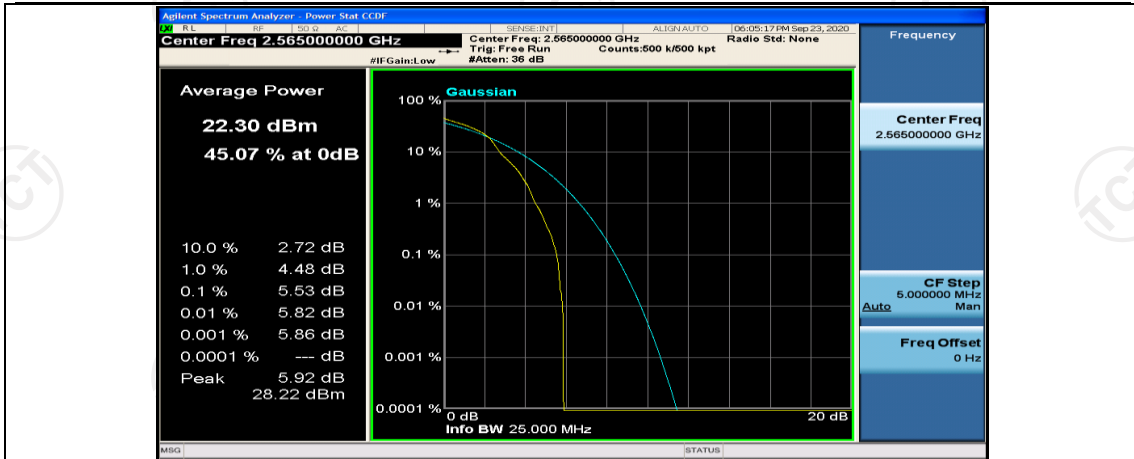


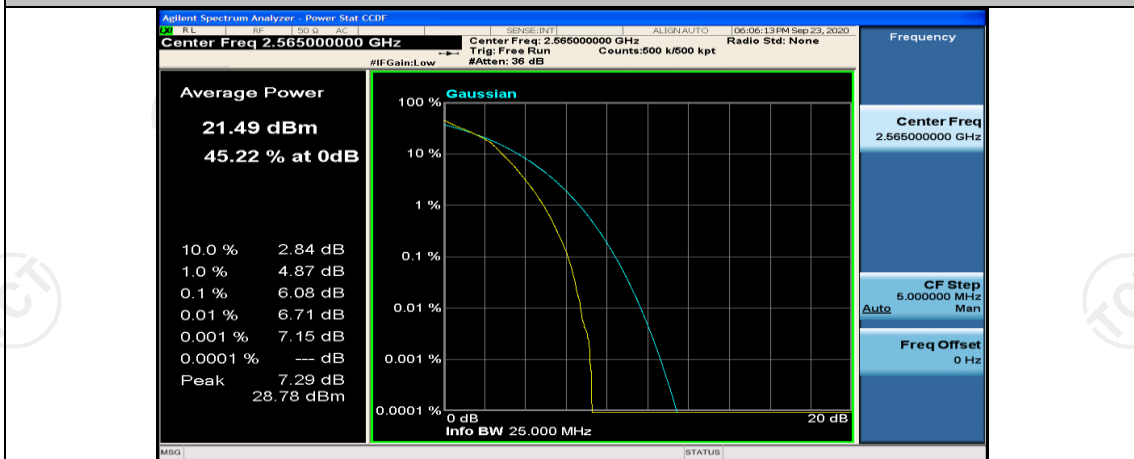
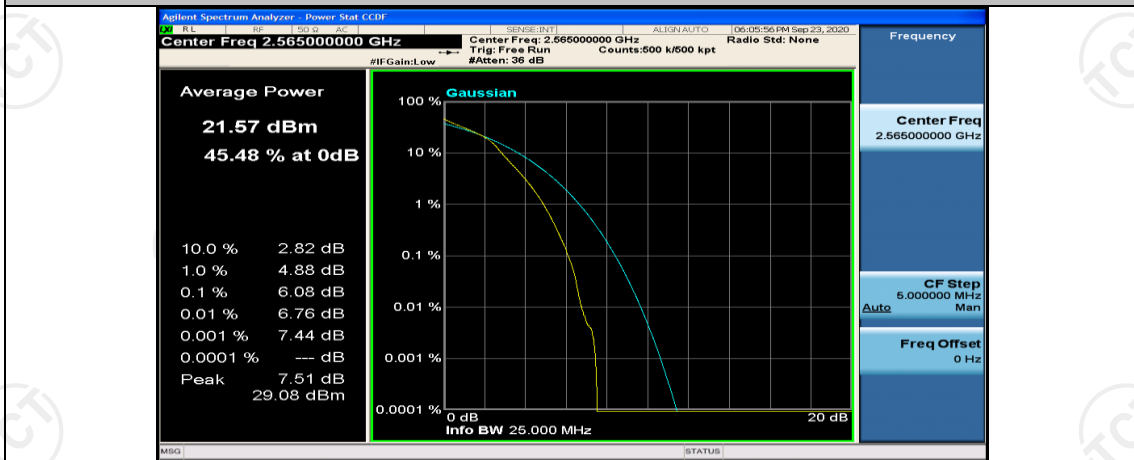
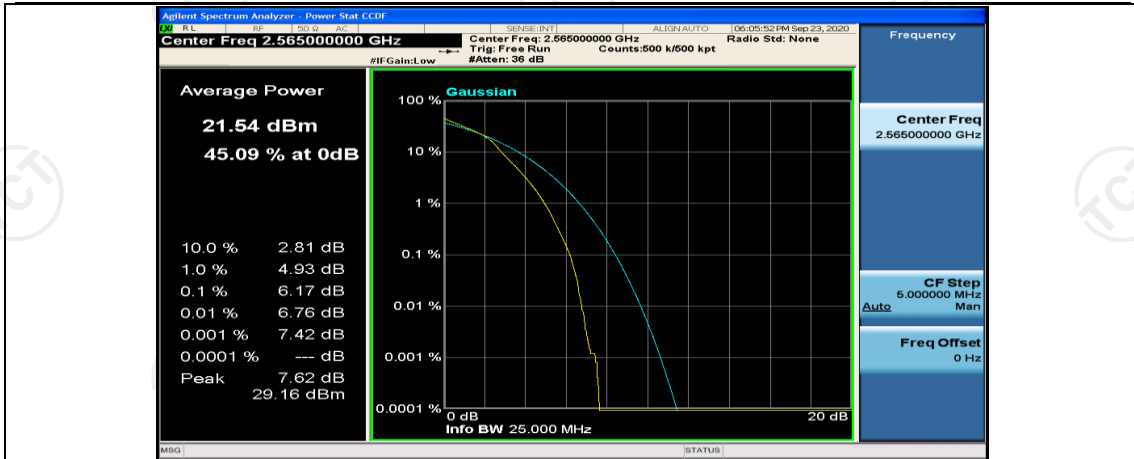












Channel Bandwidth: 15 MHz

