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	22.33	24.83	PASS
		1	12	23.09	25.59	PASS
		1	24	23.41	25.91	PASS
		12	0	21.66	24.16	PASS
		12	6	22.11	24.61	PASS
		12	13	22.23	24.73	PASS
		25	0	21.89	24.39	PASS
	MCH	1	0	22.08	24.58	PASS
		1	12	22.09	24.59	PASS
		1	24	22.01	24.51	PASS
		12	0	20.93	23.43	PASS
		12	6	21.16	23.66	PASS
		12	13	20.94	23.44	PASS
		25	0	20.97	23.47	PASS
	HCH	1	0	24.23	26.73	PASS
		1	12	24.13	26.63	PASS
		1	24	22.79	25.29	PASS
		12	0	23.13	25.63	PASS
		12	6	23.29	25.79	PASS
		12	13	22.84	25.34	PASS
		25	0	22.88	25.38	PASS
16QAM	LCH	1	0	21.77	24.27	PASS
		1	12	22.23	24.73	PASS
		1	24	22.61	25.11	PASS
		12	0	20.52	23.02	PASS
		12	6	20.97	23.47	PASS
		12	13	21.08	23.58	PASS
		25	0	21.00	23.5	PASS
	MCH	1	0	21.14	23.64	PASS
		1	12	21.24	23.74	PASS
		1	24	21.09	23.59	PASS
		12	0	19.87	22.37	PASS
		12	6	20.10	22.60	PASS
		12	13	19.89	22.39	PASS

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		25	0	19.86	22.36	PASS
	HCH	1	0	23.37	25.87	PASS
		1	12	23.23	25.73	PASS
		1	24	22.00	24.50	PASS
		12	0	22.07	24.57	PASS
		12	6	22.23	24.73	PASS
		12	13	21.77	24.27	PASS
		25	0	21.80	24.30	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	22.65	25.15	PASS
		1	24	23.53	26.03	PASS
		1	49	23.67	26.17	PASS
		25	0	22.02	24.52	PASS
		25	12	22.50	25	PASS
		25	25	22.54	25.04	PASS
		50	0	22.36	24.86	PASS
	MCH	1	0	22.30	24.8	PASS
		1	24	21.92	24.42	PASS
		1	49	22.05	24.55	PASS
		25	0	20.93	23.43	PASS
		25	12	21.01	23.51	PASS
		25	25	20.74	23.24	PASS
		50	0	20.88	23.38	PASS
	HCH	1	0	23.55	26.05	PASS
		1	24	24.04	26.54	PASS
		1	49	22.86	25.36	PASS
		25	0	22.83	25.33	PASS
		25	12	23.06	25.56	PASS
		25	25	22.86	25.36	PASS
		50	0	22.73	25.23	PASS
16QAM	LCH	1	0	21.80	24.3	PASS
		1	24	22.69	25.19	PASS
		1	49	22.88	25.38	PASS
		25	0	20.88	23.38	PASS
		25	12	21.36	23.86	PASS
		25	25	21.43	23.93	PASS
		50	0	21.26	23.76	PASS

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	MCH	1	0	21.47	23.97	PASS
		1	24	21.02	23.52	PASS
		1	49	21.23	23.73	PASS
		25	0	19.83	22.33	PASS
		25	12	19.91	22.41	PASS
		25	25	19.65	22.15	PASS
		50	0	19.80	22.3	PASS
	HCH	1	0	22.72	25.22	PASS
		1	24	23.24	25.74	PASS
		1	49	22.17	24.67	PASS
		25	0	21.74	24.24	PASS
		25	12	21.97	24.47	PASS
		25	25	21.78	24.28	PASS
		50	0	21.66	24.16	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.69	25.19	PASS
		1	37	23.42	25.92	PASS
		1	74	23.01	25.51	PASS
		37	0	22.33	24.83	PASS
		37	18	22.65	25.15	PASS
		37	38	22.38	24.88	PASS
		75	0	22.49	24.99	PASS
	MCH	1	0	22.70	25.2	PASS
		1	37	21.90	24.4	PASS
		1	74	22.76	25.26	PASS
		37	0	21.27	23.77	PASS
		37	18	21.11	23.61	PASS
		37	38	20.97	23.47	PASS
		75	0	21.08	23.58	PASS
	HCH	1	0	22.77	25.27	PASS
		1	37	23.79	26.29	PASS
		1	74	22.97	25.47	PASS
		37	0	22.51	25.01	PASS
		37	18	22.84	25.34	PASS
		37	38	22.91	25.41	PASS
		75	0	22.55	25.05	PASS
16QAM	LCH	1	0	22.15	24.65	PASS

		1	37	22.79	25.29	PASS
		1	74	22.50	25	PASS
		37	0	21.22	23.72	PASS
		37	18	21.58	24.08	PASS
		37	38	21.49	23.99	PASS
		75	0	21.37	23.87	PASS
	MCH	1	0	21.89	24.39	PASS
		1	37	21.05	23.55	PASS
		1	74	21.89	24.39	PASS
		37	0	20.14	22.64	PASS
		37	18	20.01	22.51	PASS
		37	38	19.86	22.36	PASS
		75	0	19.98	22.48	PASS
	HCH	1	0	21.97	24.47	PASS
		1	37	23.06	25.56	PASS
		1	74	22.08	24.58	PASS
		37	0	21.20	23.7	PASS
		37	18	21.72	24.22	PASS
		37	38	21.82	24.32	PASS
		75	0	21.45	23.95	PASS

Note: EIRP= Average Power + Antenna Gain (2.5dBi)

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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	4.86	<13	PASS
		1	12	4.68	<13	PASS
		1	24	4.37	<13	PASS
		12	0	5	<13	PASS
		12	6	4.98	<13	PASS
		12	13	5.07	<13	PASS
		25	0	4.98	<13	PASS
	MCH	1	0	4.82	<13	PASS
		1	12	4.85	<13	PASS
		1	24	4.88	<13	PASS
		12	0	5.18	<13	PASS
		12	6	5.23	<13	PASS
		12	13	5.28	<13	PASS
		25	0	5.14	<13	PASS
	HCH	1	0	4.46	<13	PASS
		1	12	4.16	<13	PASS
		1	24	4.97	<13	PASS
		12	0	5.14	<13	PASS
		12	6	4.86	<13	PASS
		12	13	5	<13	PASS
		25	0	4.96	<13	PASS
16QAM	LCH	1	0	5.44	<13	PASS
		1	12	5.38	<13	PASS
		1	24	5.41	<13	PASS
		12	0	5.91	<13	PASS
		12	6	5.78	<13	PASS
		12	13	5.89	<13	PASS
		25	0	5.87	<13	PASS
	MCH	1	0	5.81	<13	PASS
		1	12	5.84	<13	PASS
		1	24	6.14	<13	PASS
		12	0	6.16	<13	PASS

		12	6	6.12	<13	PASS
		12	13	5.94	<13	PASS
		25	0	6	<13	PASS
	HCH	1	0	5.28	<13	PASS
		1	12	4.92	<13	PASS
		1	24	6	<13	PASS
		12	0	5.97	<13	PASS
		12	6	5.79	<13	PASS
		12	13	5.87	<13	PASS
		25	0	5.82	<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	4.54	<13	PASS
		1	24	4.19	<13	PASS
		1	49	4	<13	PASS
		25	0	5.08	<13	PASS
		25	12	4.91	<13	PASS
		25	25	5	<13	PASS
		50	0	4.95	<13	PASS
	MCH	1	0	4.8	<13	PASS
		1	24	5.02	<13	PASS
		1	49	4.73	<13	PASS
		25	0	5.22	<13	PASS
		25	12	5.07	<13	PASS
		25	25	5.31	<13	PASS
		50	0	5.16	<13	PASS
	HCH	1	0	4.6	<13	PASS
		1	24	4.18	<13	PASS
		1	49	4.52	<13	PASS
		25	0	5.2	<13	PASS
		25	12	4.96	<13	PASS
		25	25	5.08	<13	PASS
		50	0	5.08	<13	PASS
16QAM	LCH	1	0	5.56	<13	PASS
		1	24	5.22	<13	PASS
		1	49	4.94	<13	PASS
		25	0	5.94	<13	PASS
		25	12	5.78	<13	PASS

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		25	25	5.84	<13	PASS
		50	0	5.75	<13	PASS
	MCH	1	0	5.68	<13	PASS
		1	24	5.84	<13	PASS
		1	49	5.82	<13	PASS
		25	0	5.98	<13	PASS
		25	12	5.96	<13	PASS
		25	25	6.02	<13	PASS
		50	0	5.89	<13	PASS
	HCH	1	0	5.56	<13	PASS
		1	24	5.07	<13	PASS
		1	49	5.55	<13	PASS
		25	0	6.01	<13	PASS
		25	12	5.91	<13	PASS
		25	25	5.95	<13	PASS
		50	0	5.82	<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	4.51	<13	PASS
		1	37	4.41	<13	PASS
		1	74	4.22	<13	PASS
		37	0	5.03	<13	PASS
		37	18	4.88	<13	PASS
		37	38	4.96	<13	PASS
		75	0	5.27	<13	PASS
	MCH	1	0	4.5	<13	PASS
		1	37	4.66	<13	PASS
		1	74	4.38	<13	PASS
		37	0	5.16	<13	PASS
		37	18	5.15	<13	PASS
		37	38	5.33	<13	PASS
		75	0	5.54	<13	PASS
	HCH	1	0	4.73	<13	PASS
		1	37	4.56	<13	PASS
		1	74	4.36	<13	PASS
		37	0	5.21	<13	PASS
		37	18	4.99	<13	PASS
		37	38	5.01	<13	PASS

		75	0	5.44	<13	PASS
16QAM	LCH	1	0	5.51	<13	PASS
		1	37	5.35	<13	PASS
		1	74	5.11	<13	PASS
		37	0	5.83	<13	PASS
		37	18	5.72	<13	PASS
		37	38	5.8	<13	PASS
		75	0	5.86	<13	PASS
	MCH	1	0	5.47	<13	PASS
		1	37	5.77	<13	PASS
		1	74	5.4	<13	PASS
		37	0	5.97	<13	PASS
		37	18	5.98	<13	PASS
		37	38	6.02	<13	PASS
		75	0	6.08	<13	PASS
	HCH	1	0	5.87	<13	PASS
		1	37	5.41	<13	PASS
		1	74	5.51	<13	PASS
		37	0	6.02	<13	PASS
		37	18	5.92	<13	PASS
		37	38	5.93	<13	PASS
		75	0	6.01	<13	PASS

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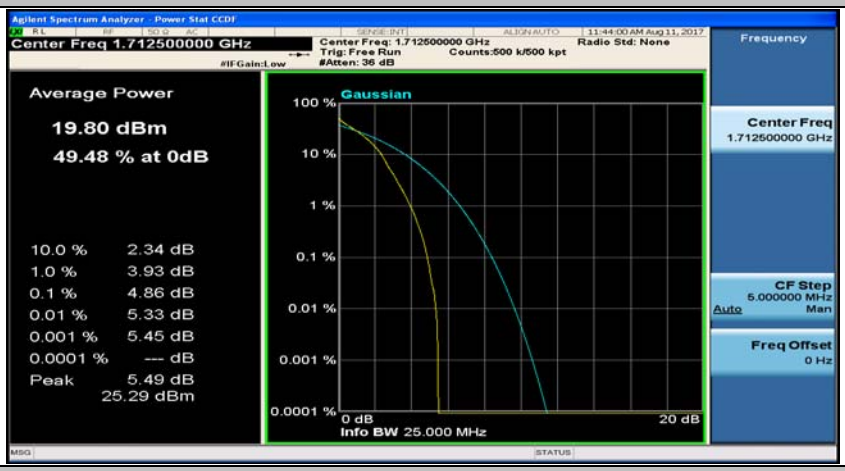
Test Graphs

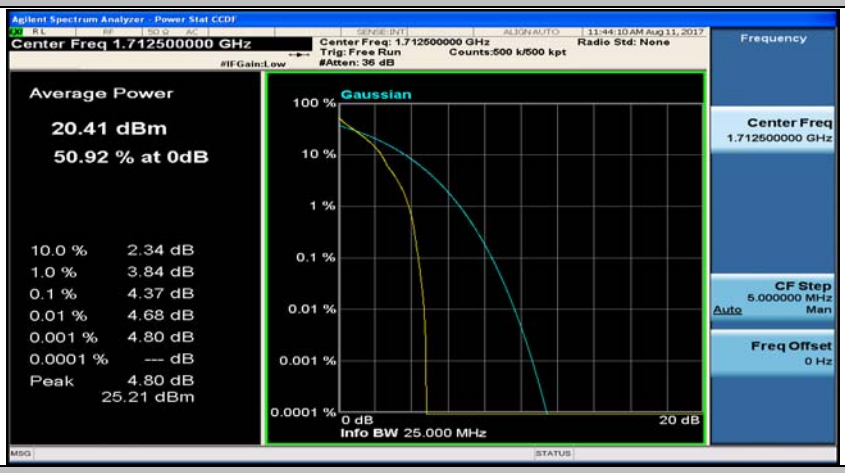
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



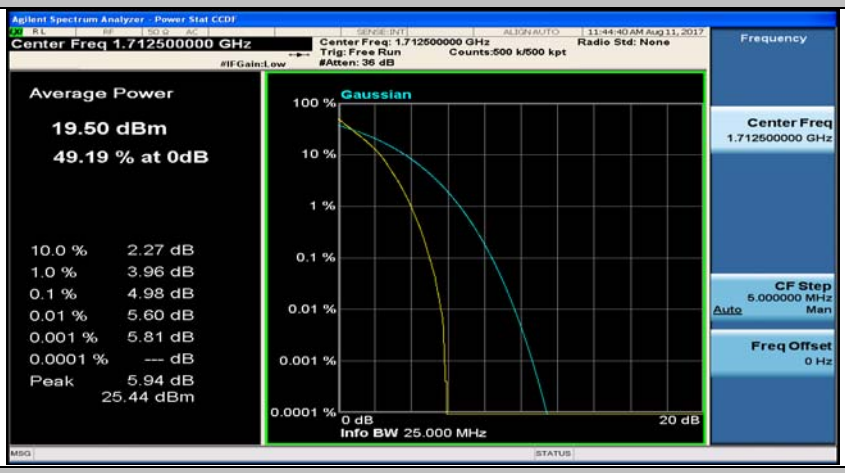
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0

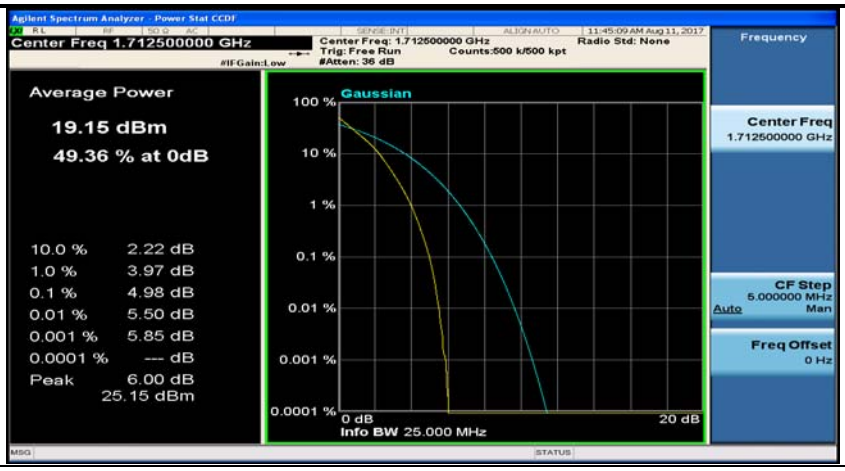
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



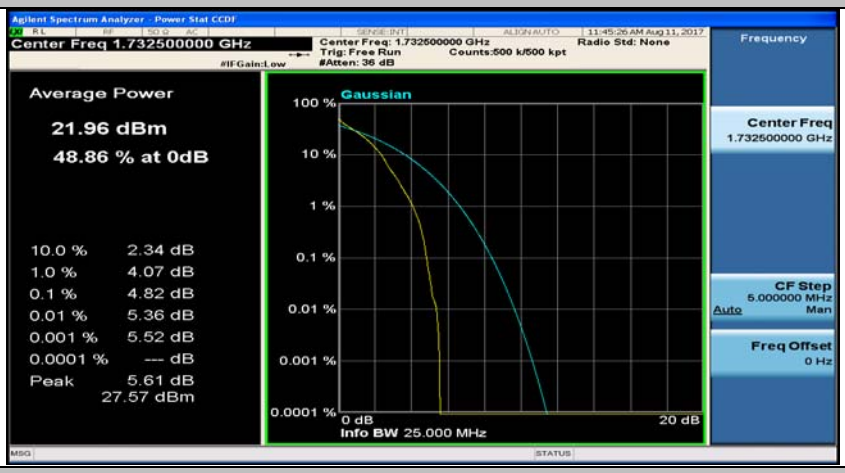
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13

(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

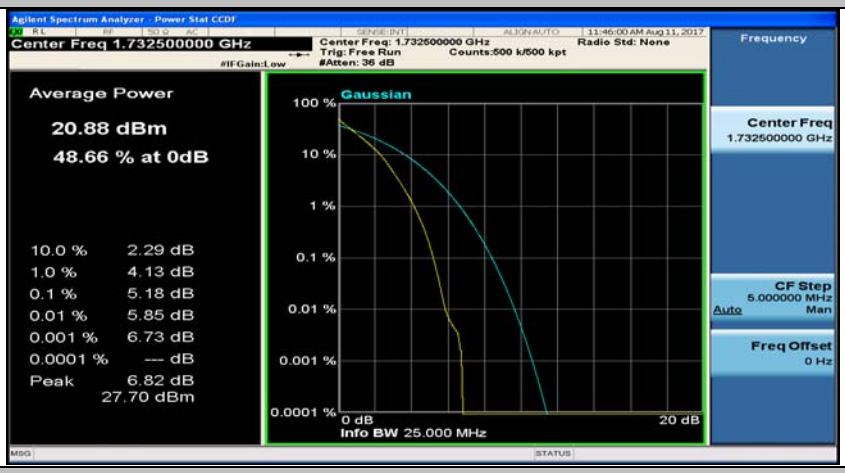


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

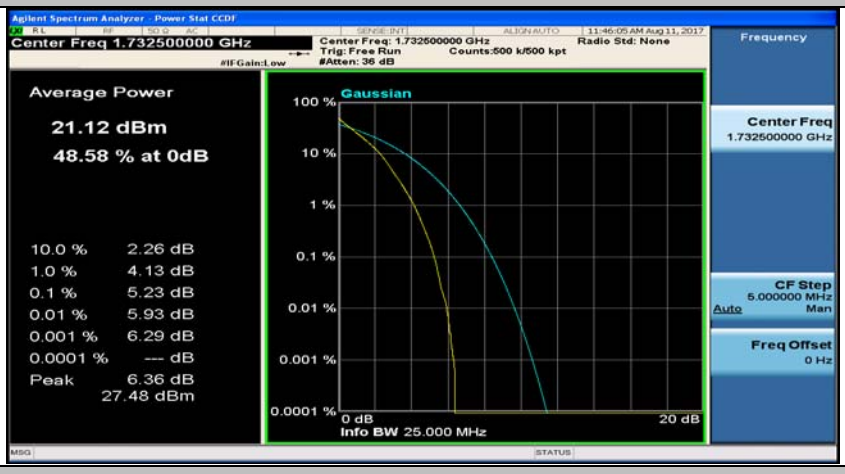
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



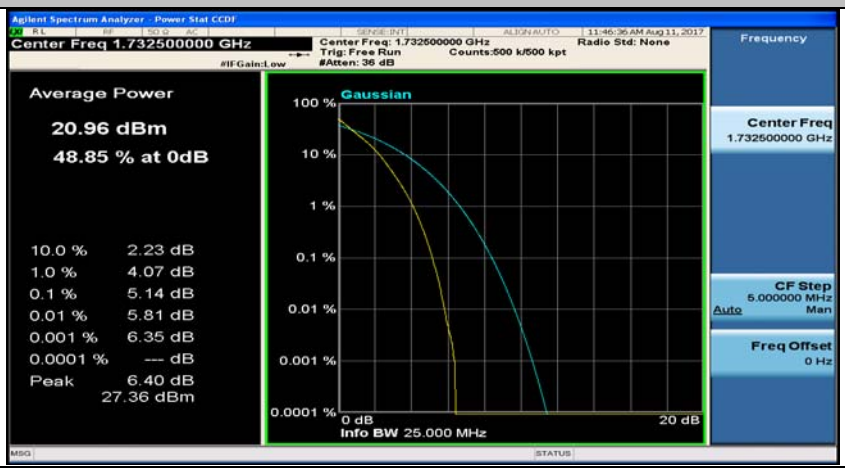
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

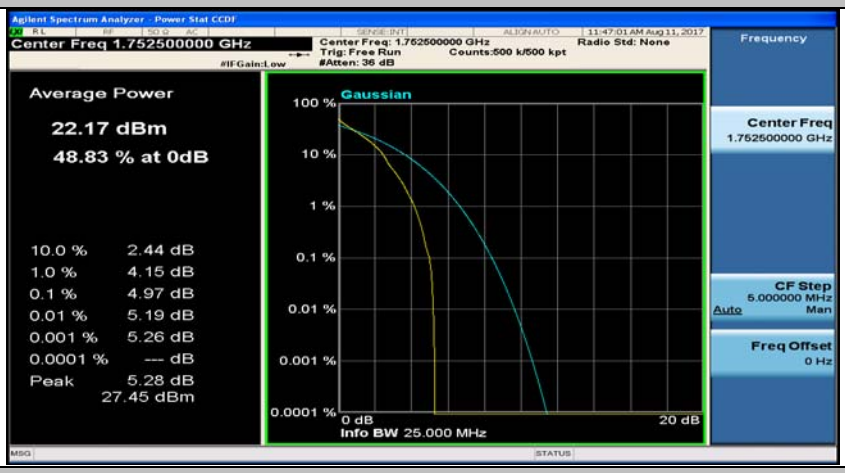
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

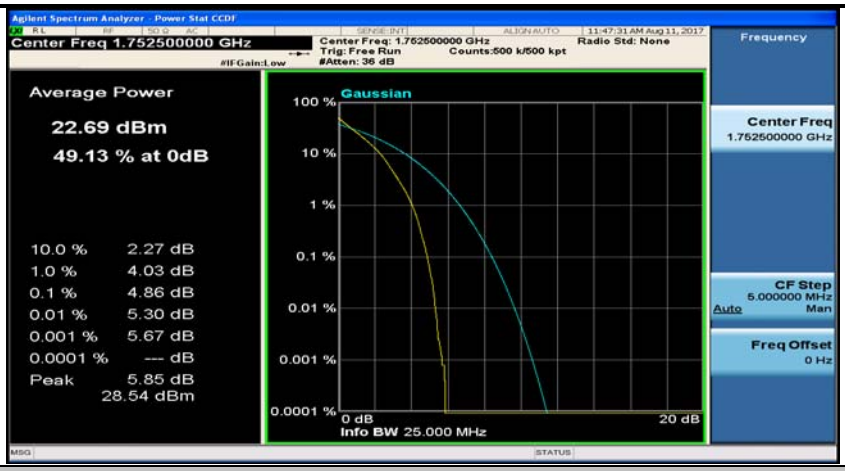
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



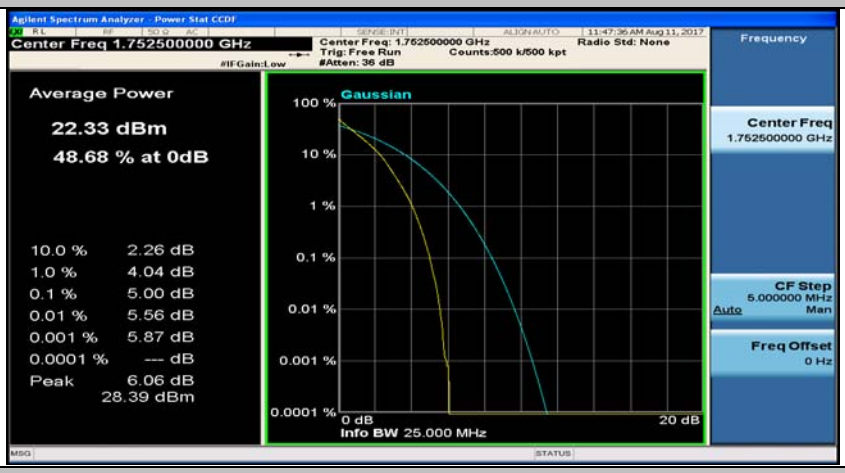
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0

(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6

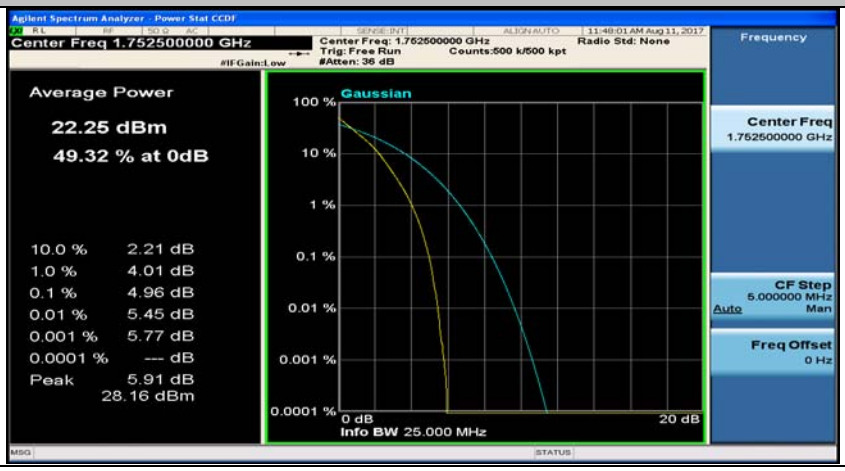
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13

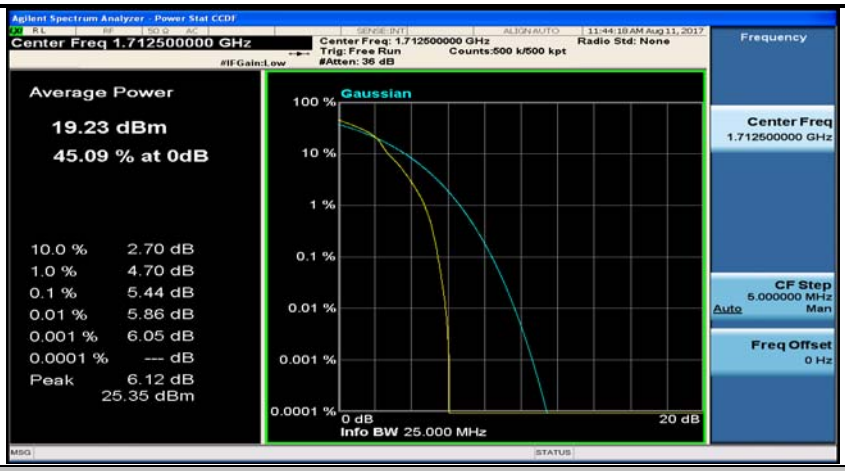


(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

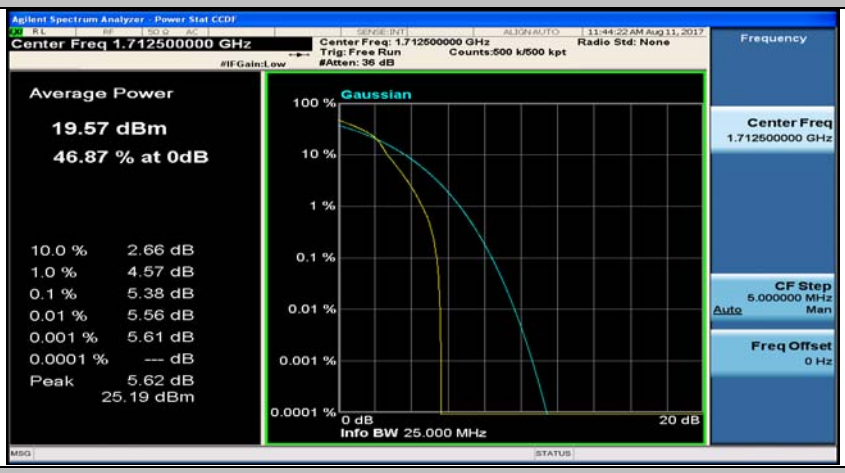


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

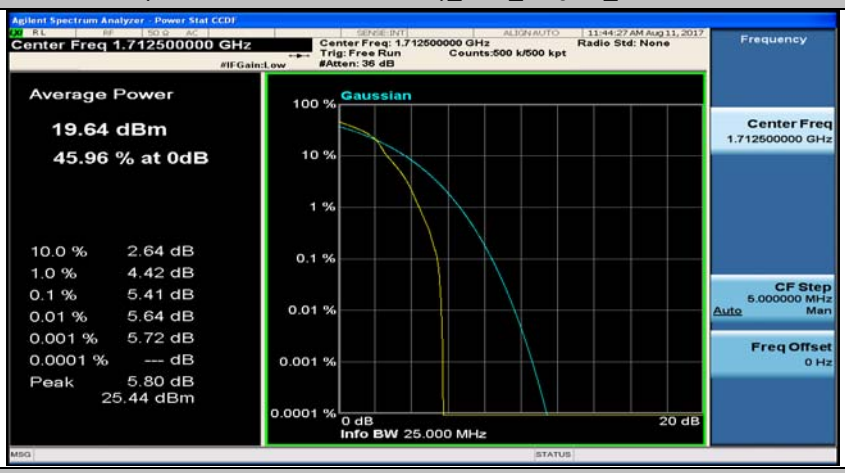
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0

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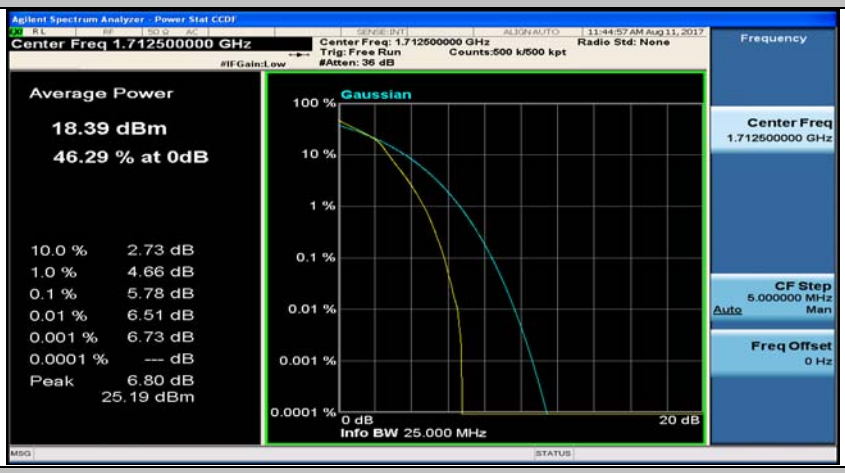
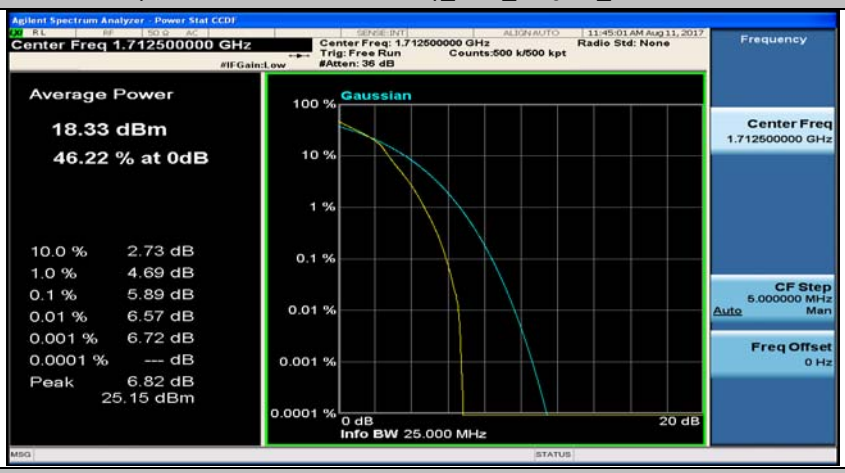
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0

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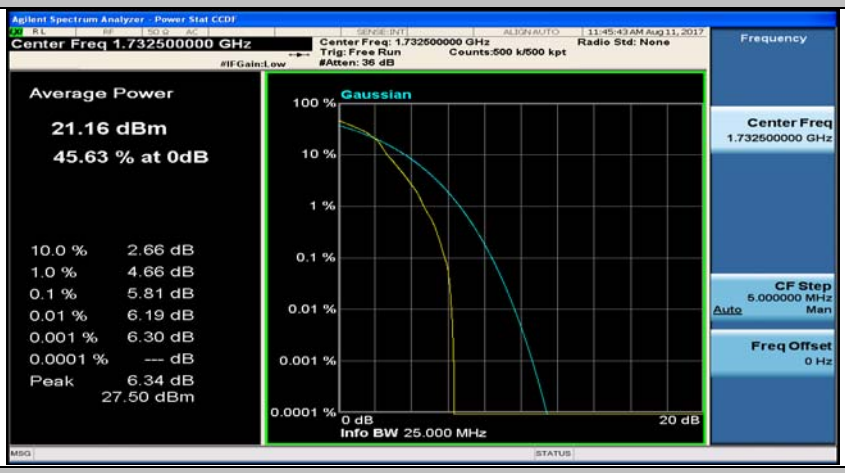
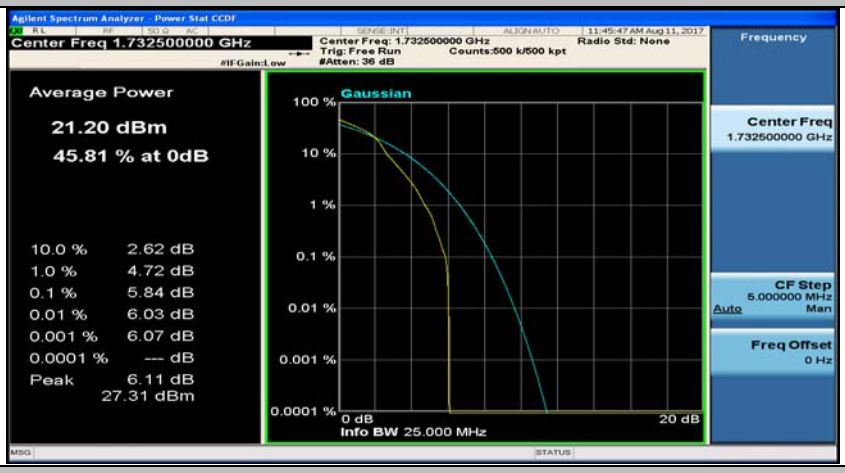
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



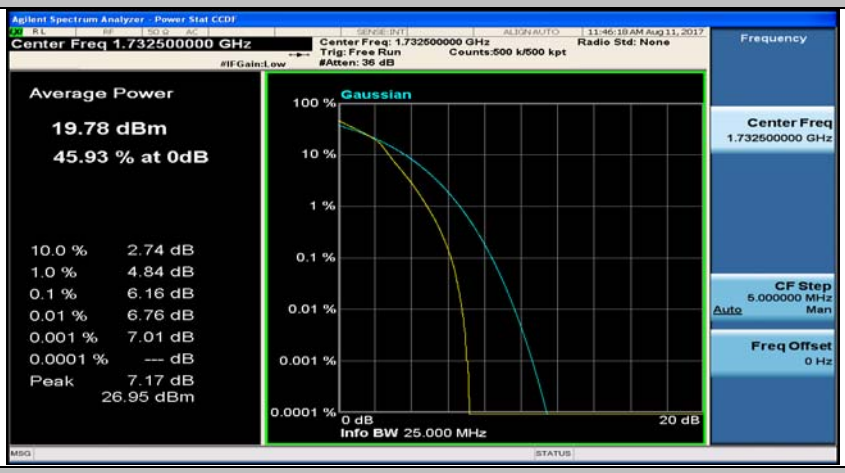
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0

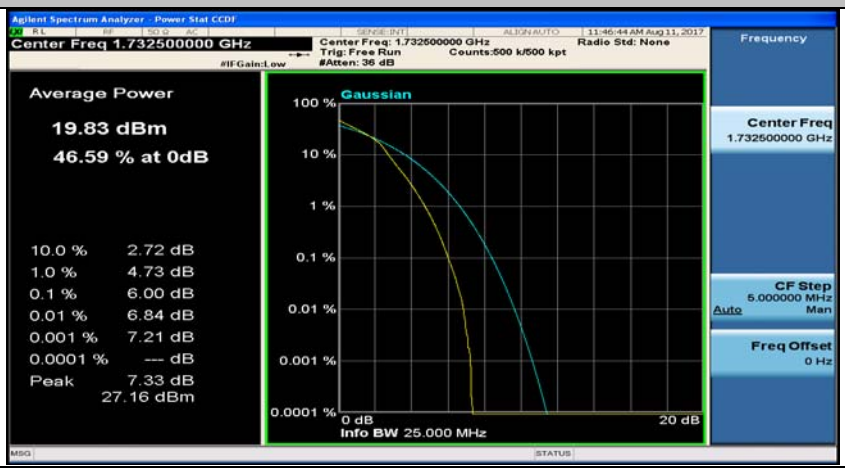


(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6

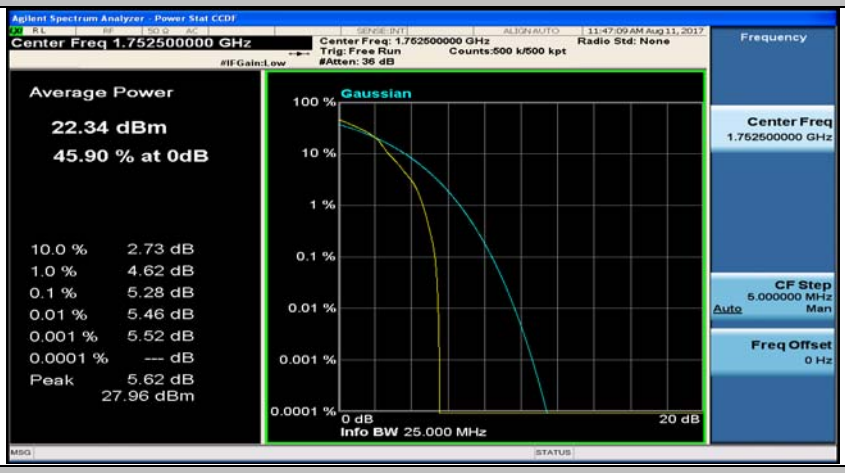
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

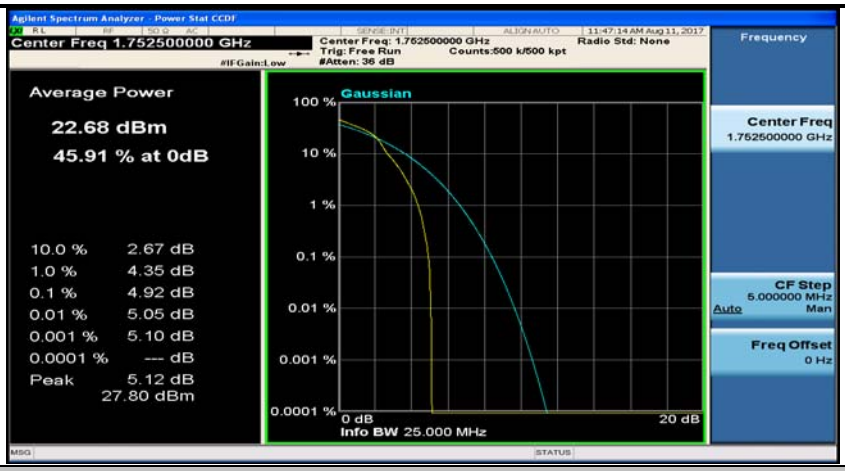
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



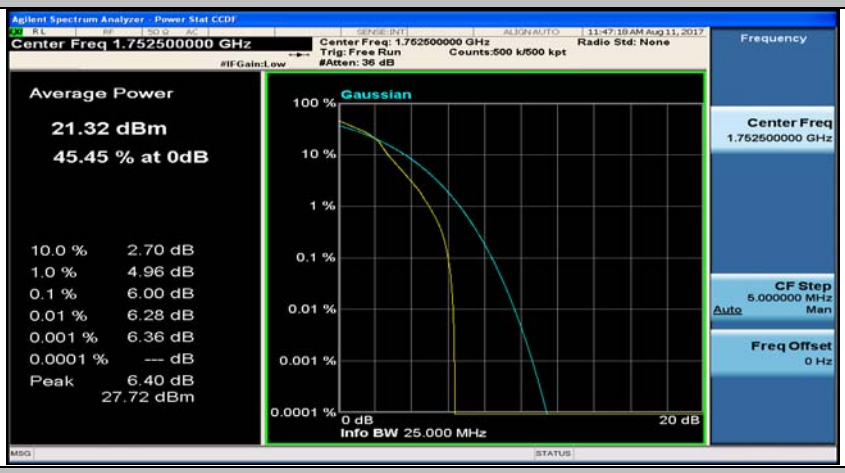
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



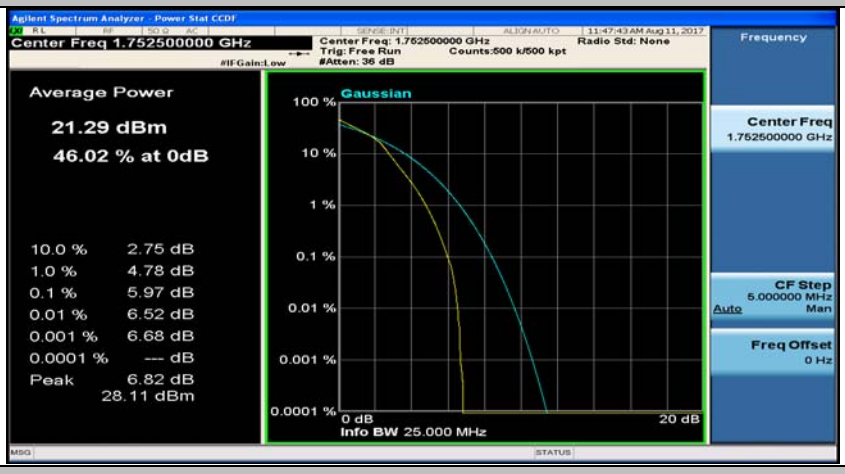
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

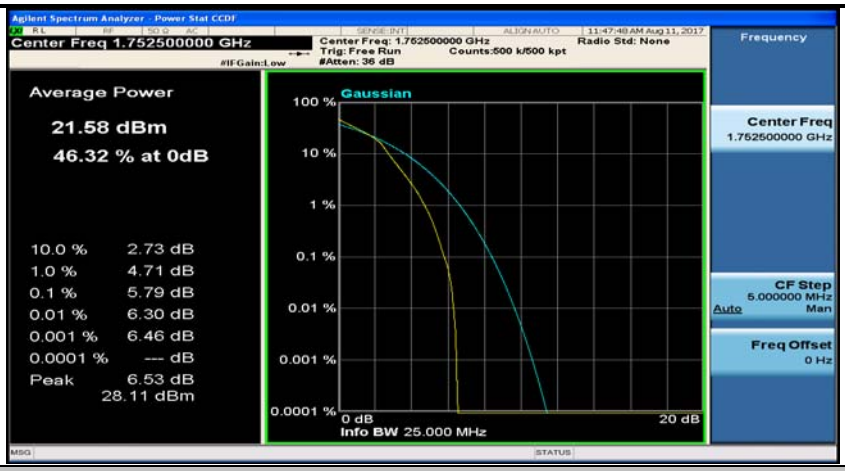


(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0

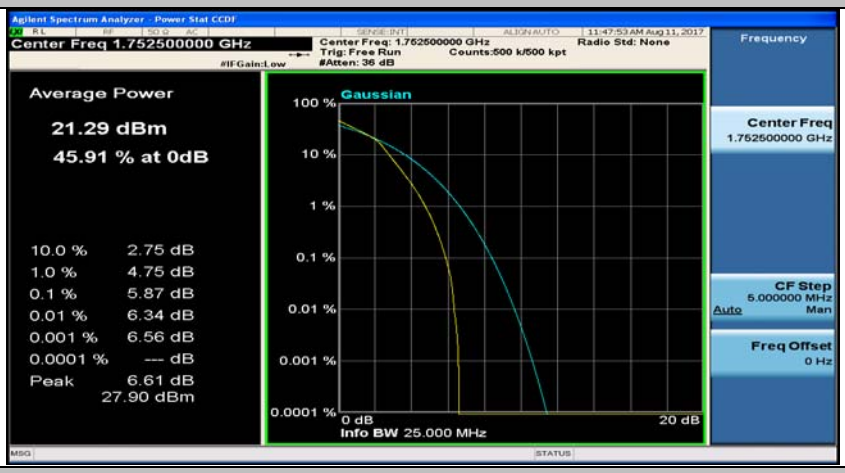


(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

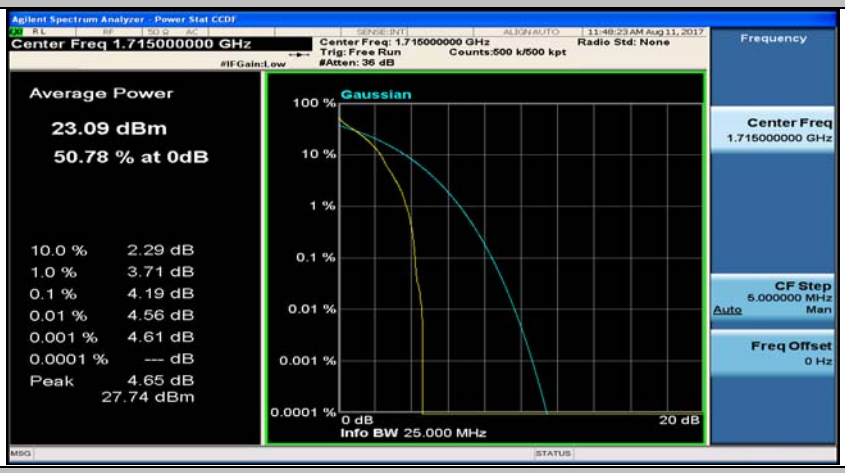


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

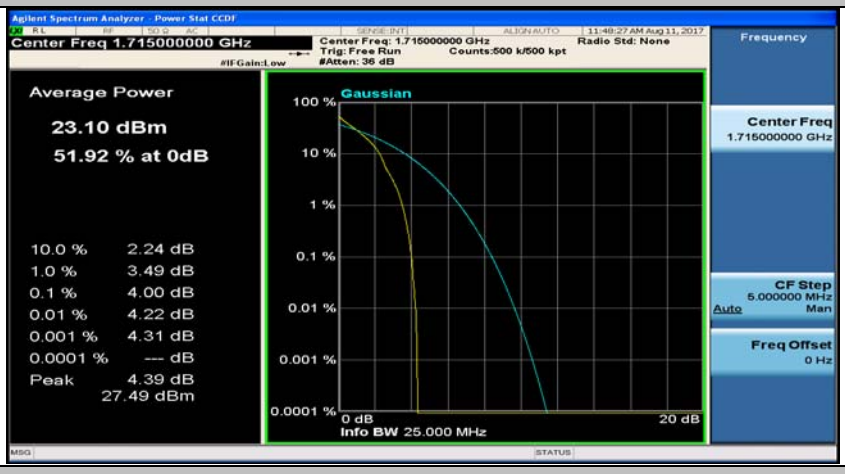
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0

Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24

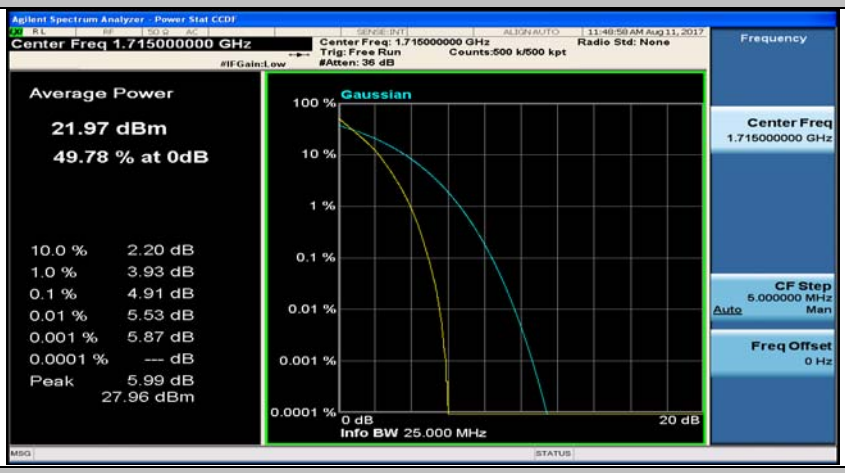


Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49

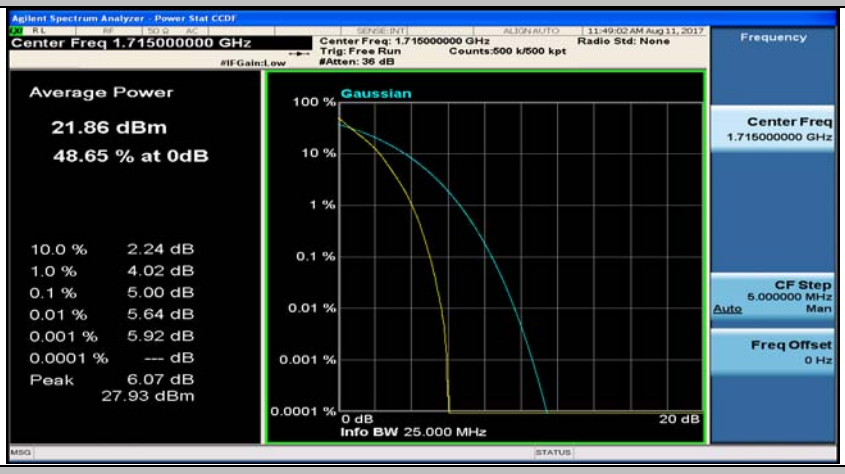


Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0

Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0

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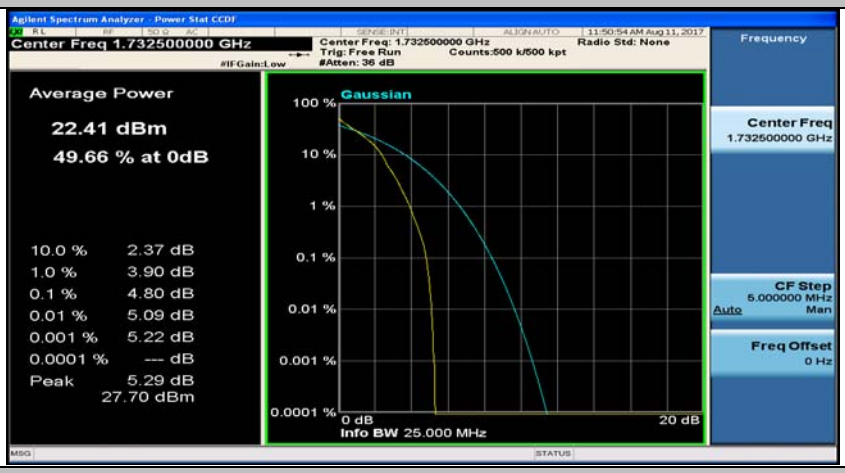
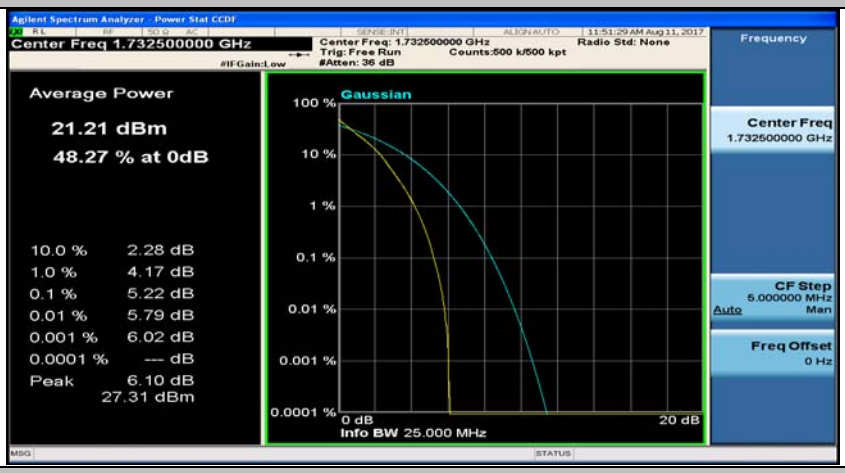
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



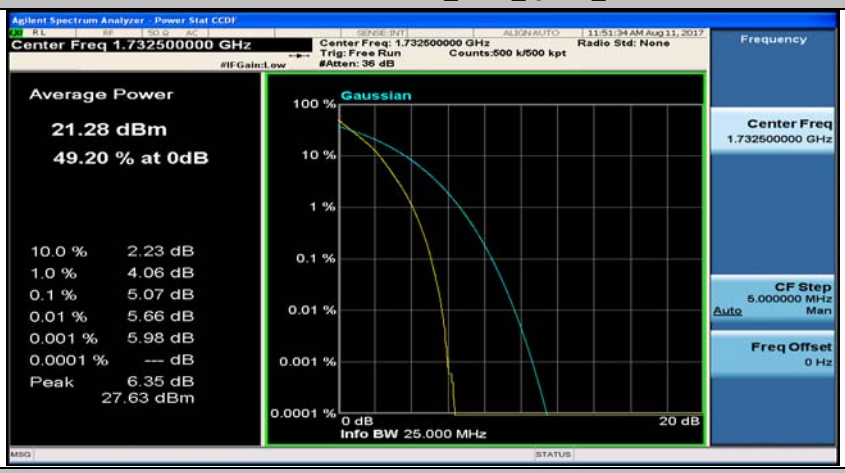
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0

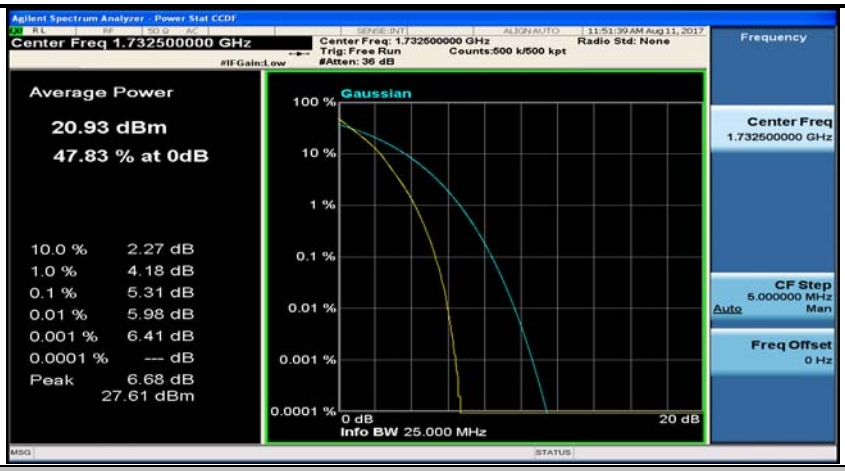


Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12

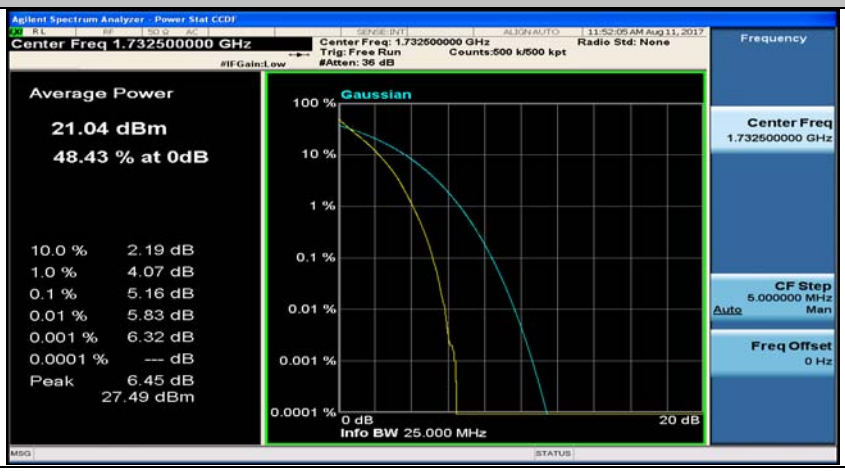


Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

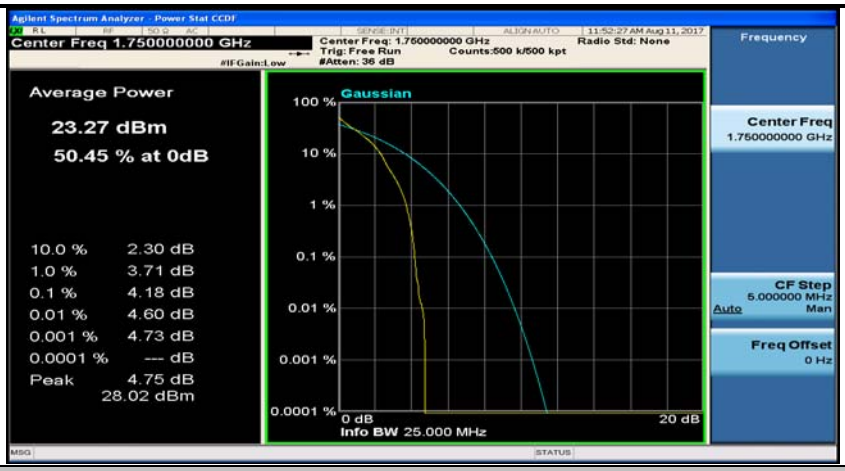


Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

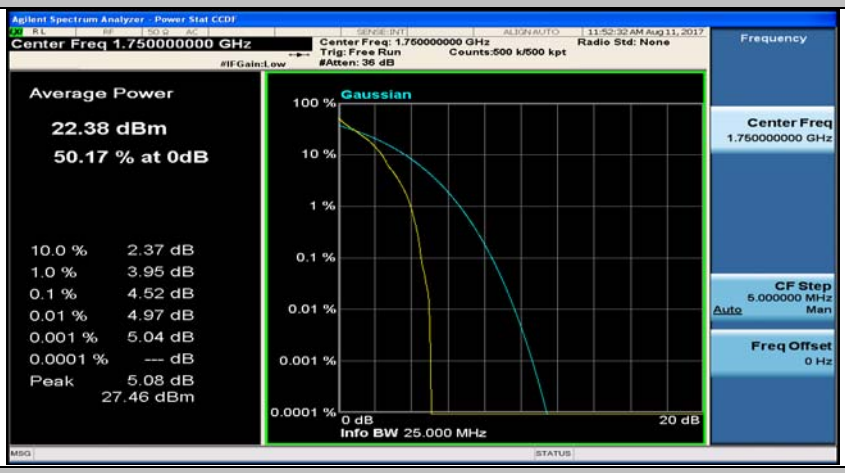


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

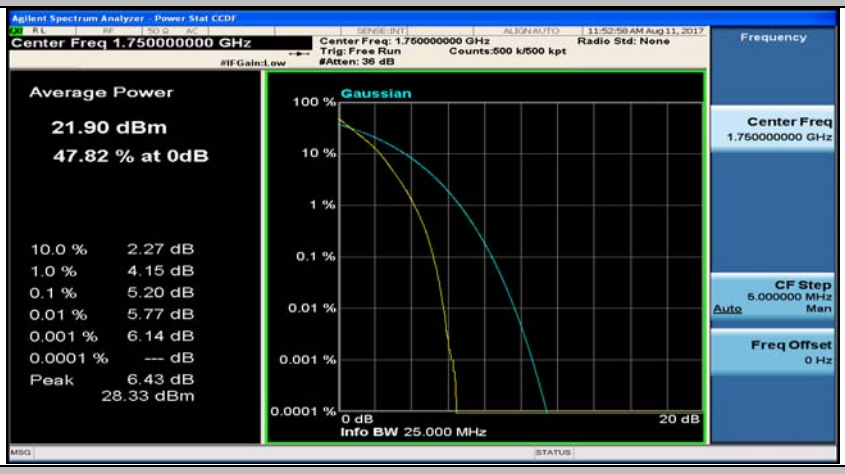
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49

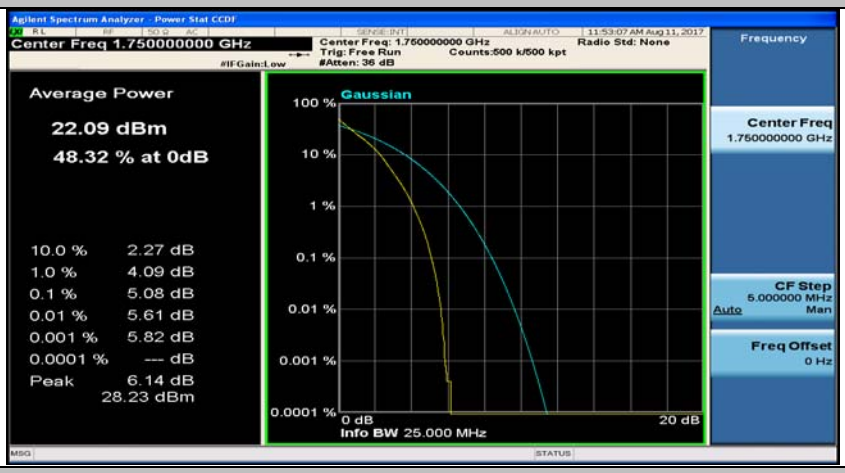


Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12

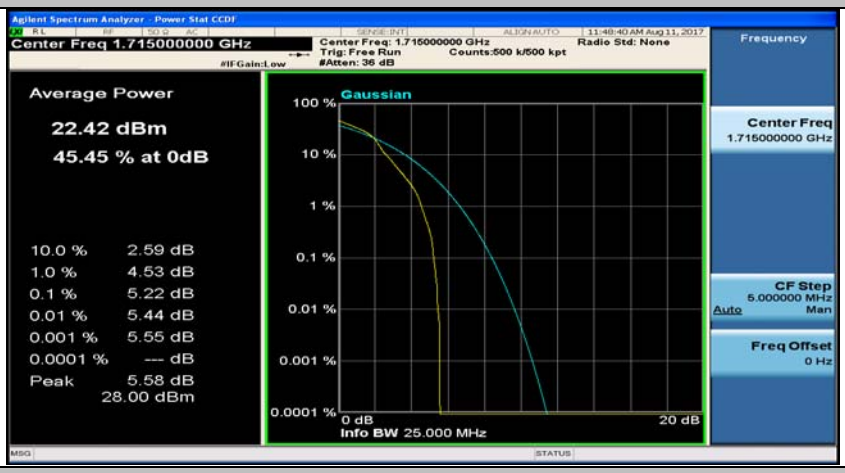
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



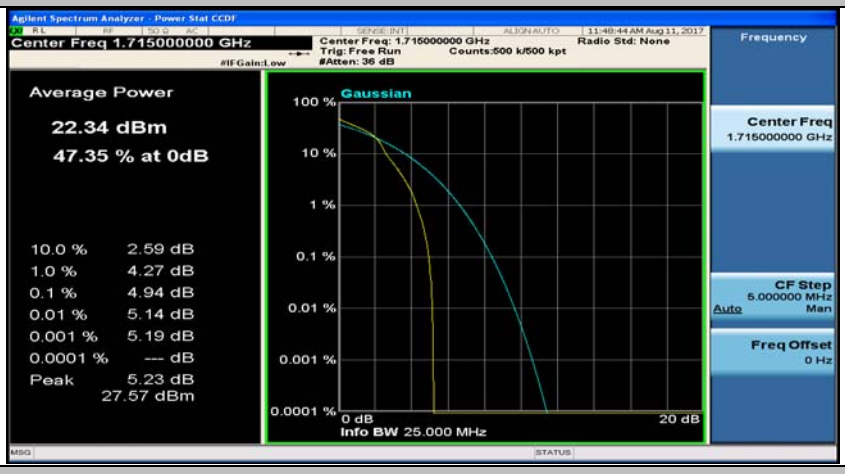
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0

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_LCH_16QAM_25RB#0

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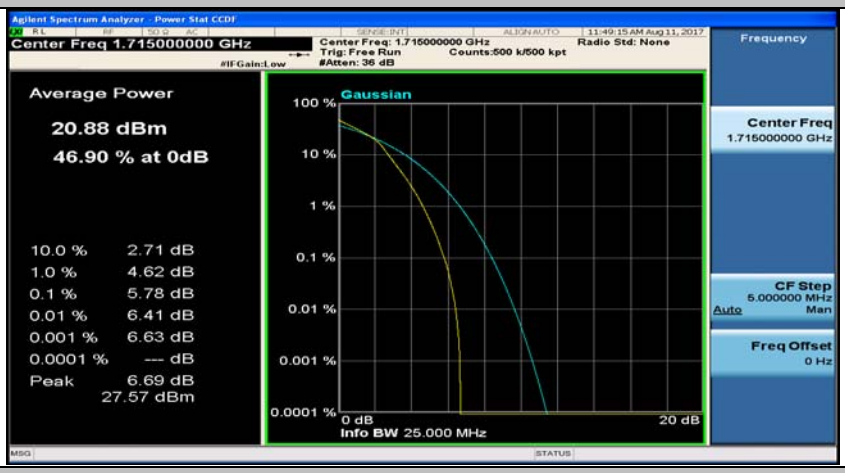
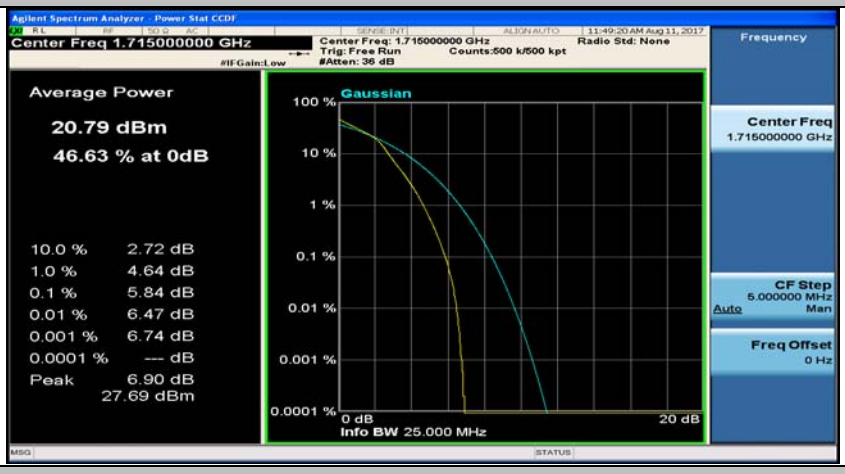
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12

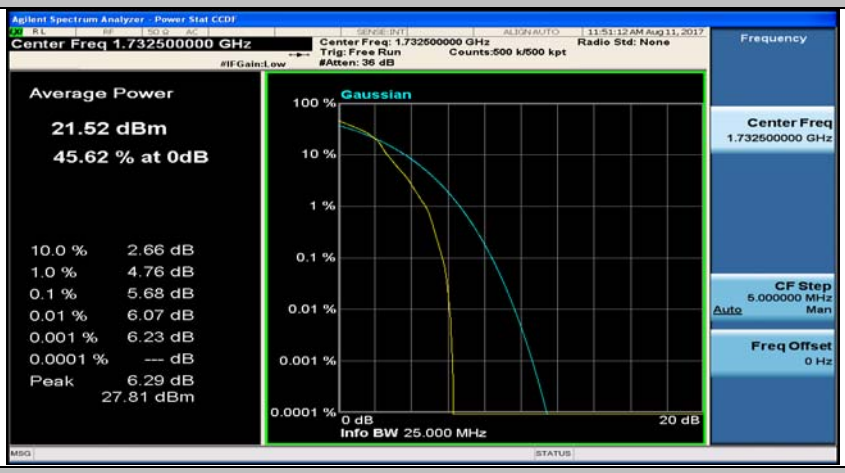


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0

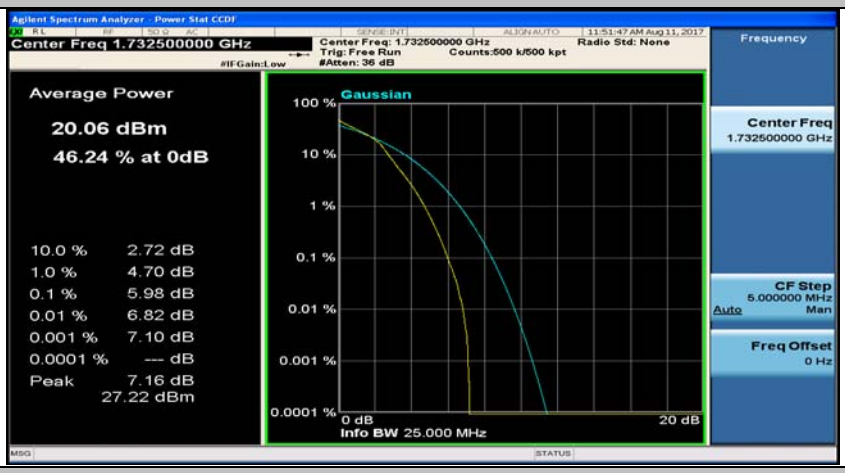
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



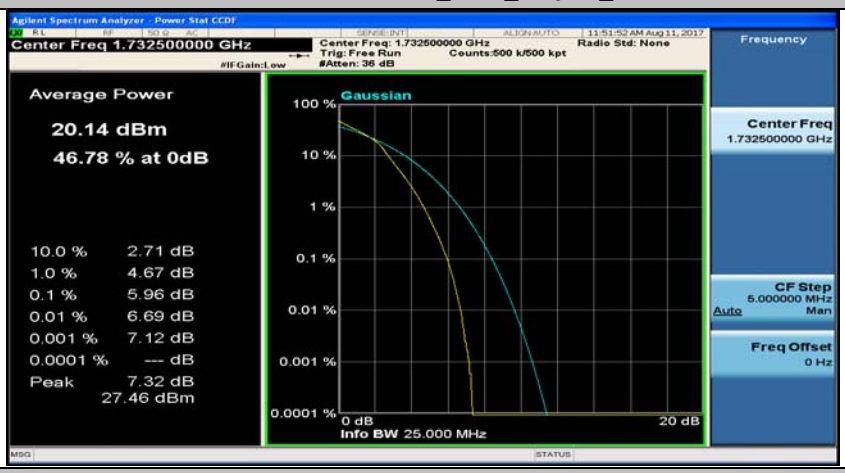
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

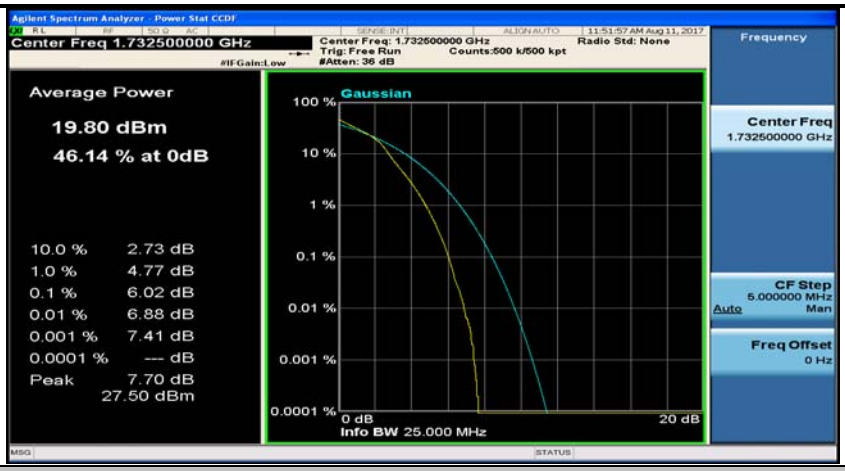
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



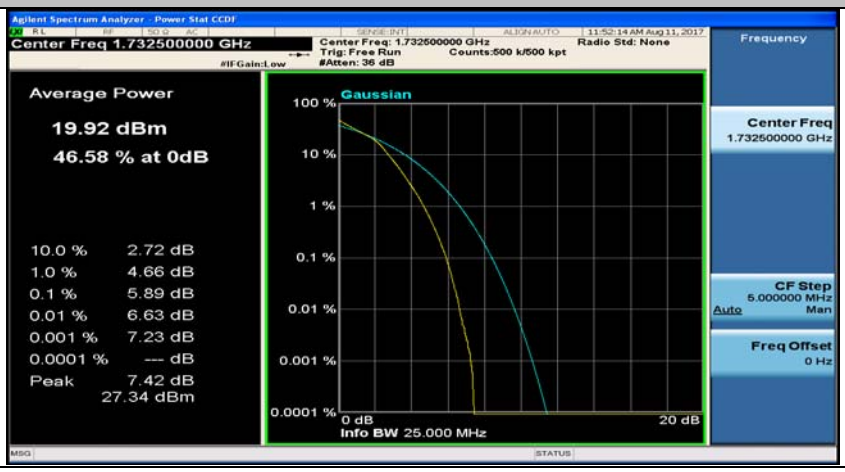
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



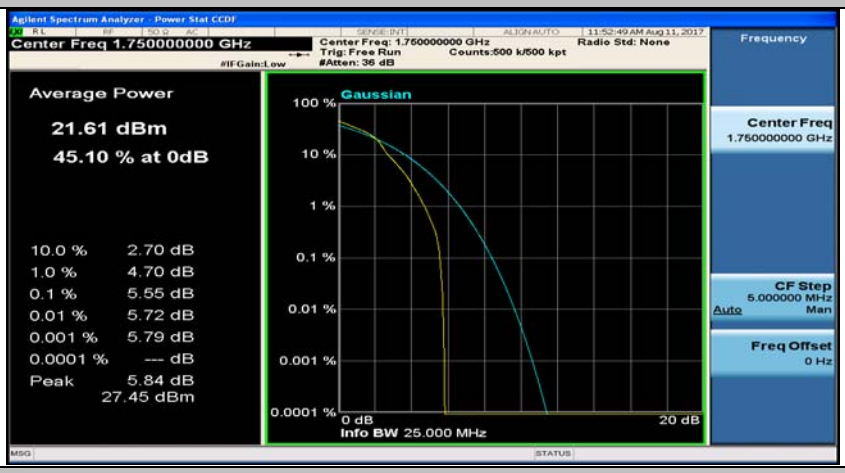
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24

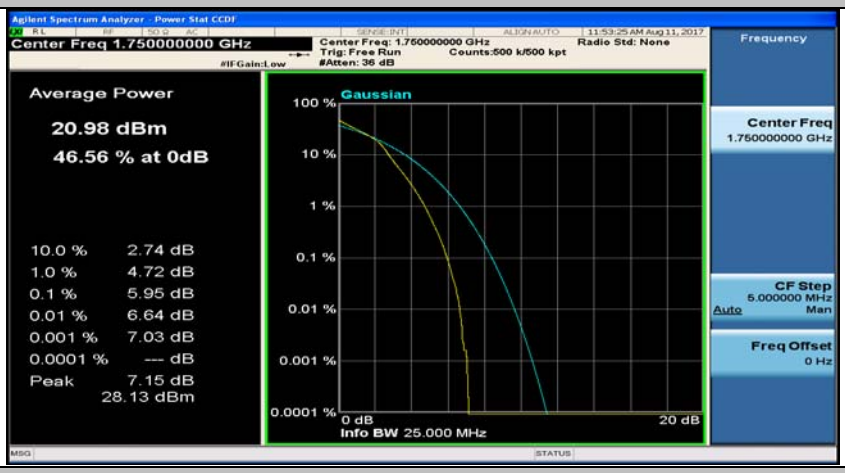
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



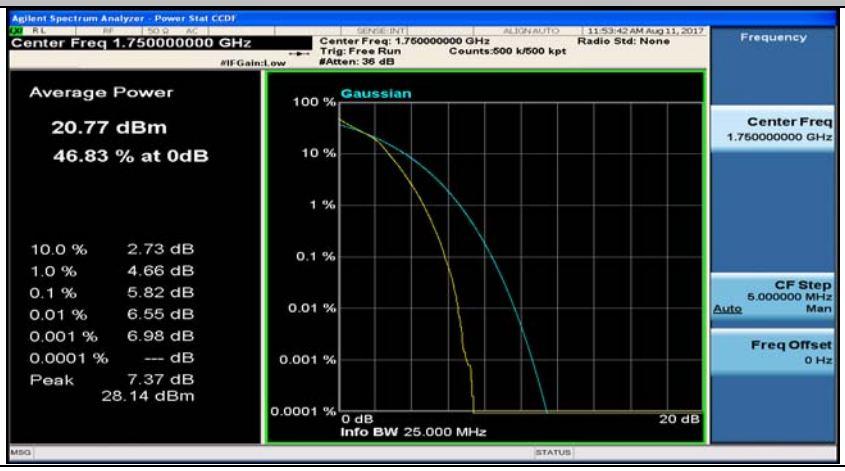
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0

Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12

Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



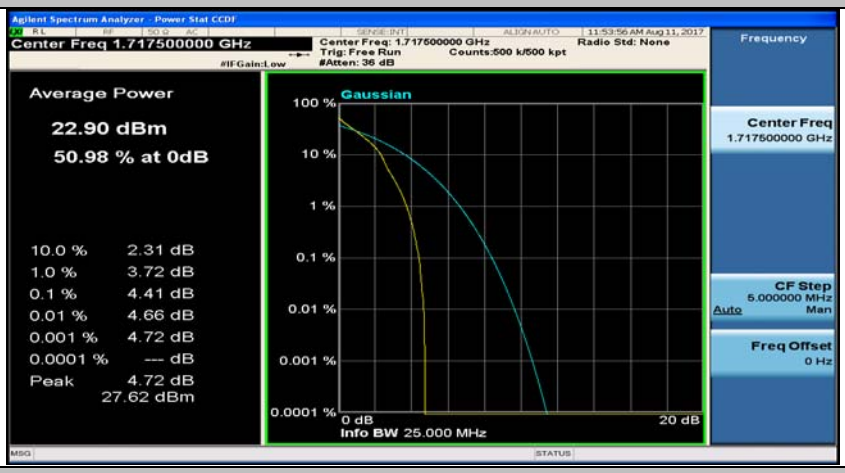
Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74

(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#0

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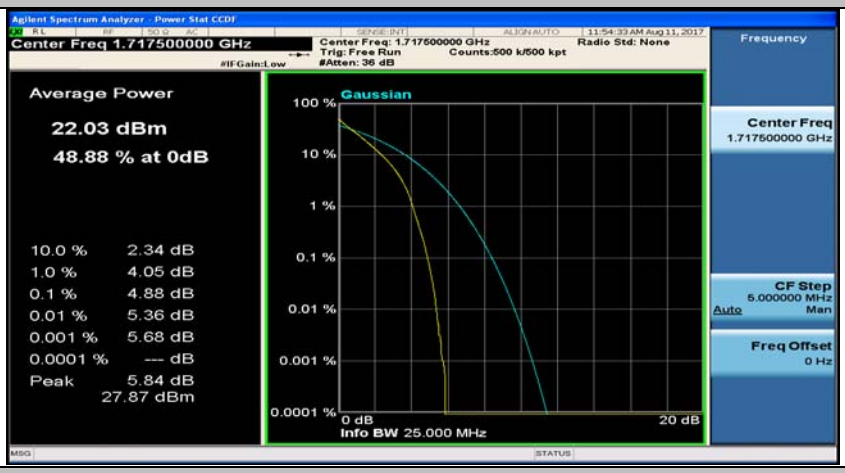
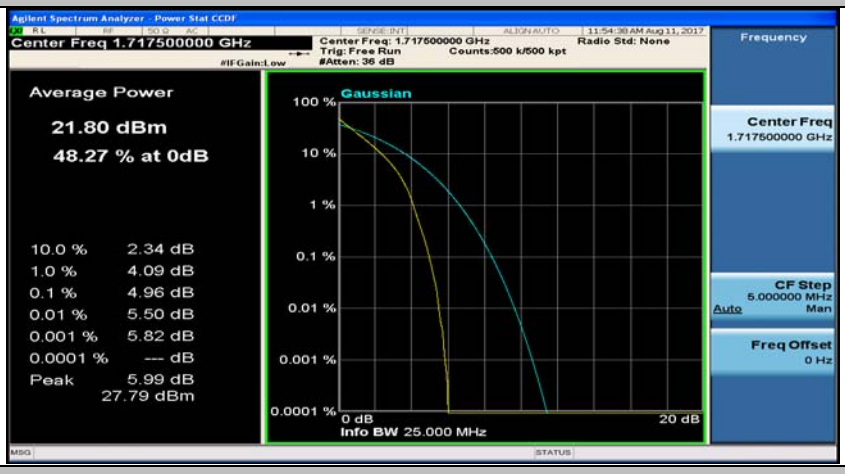
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18

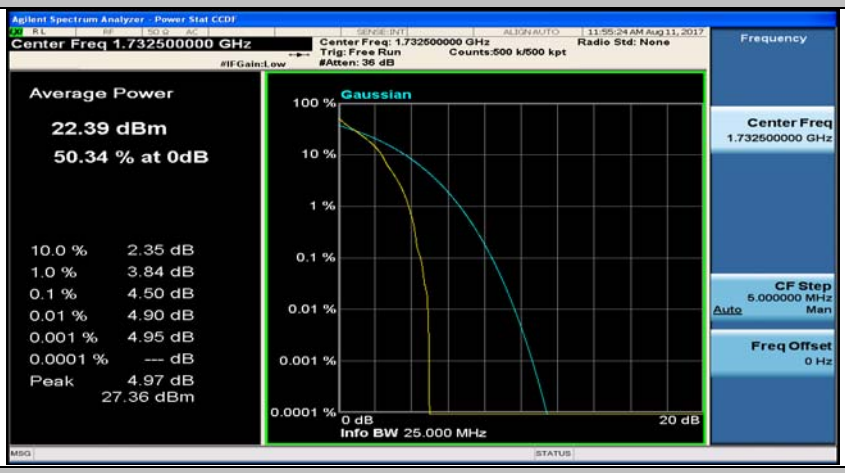


(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0

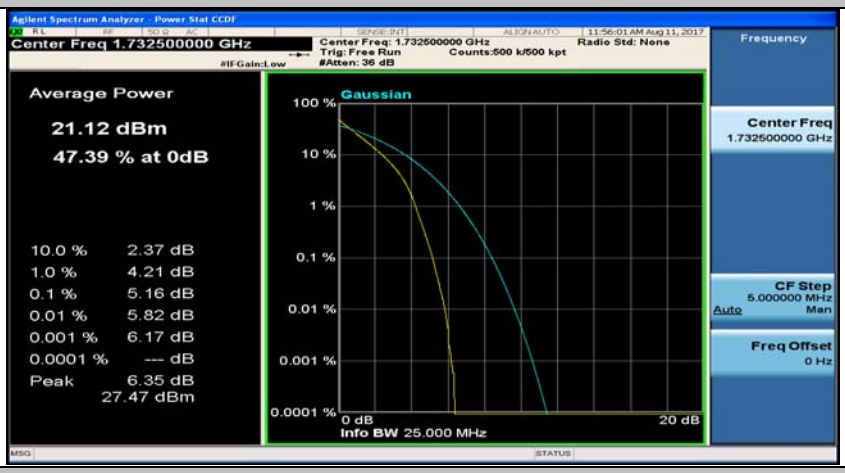
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



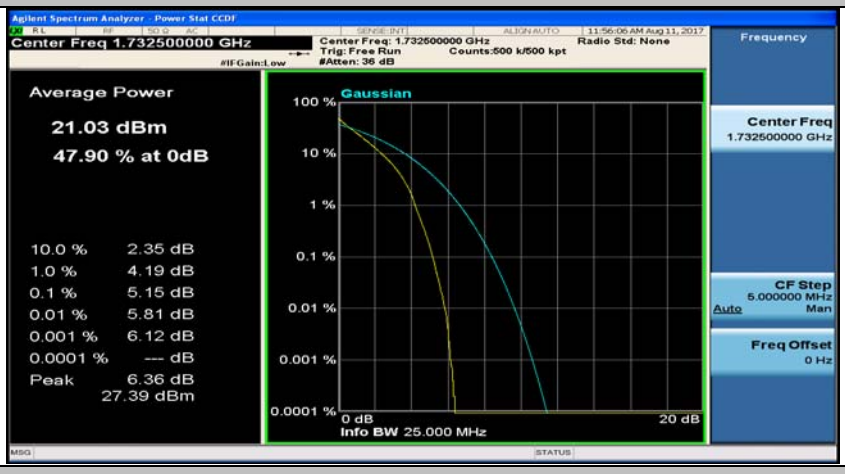
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37

(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0

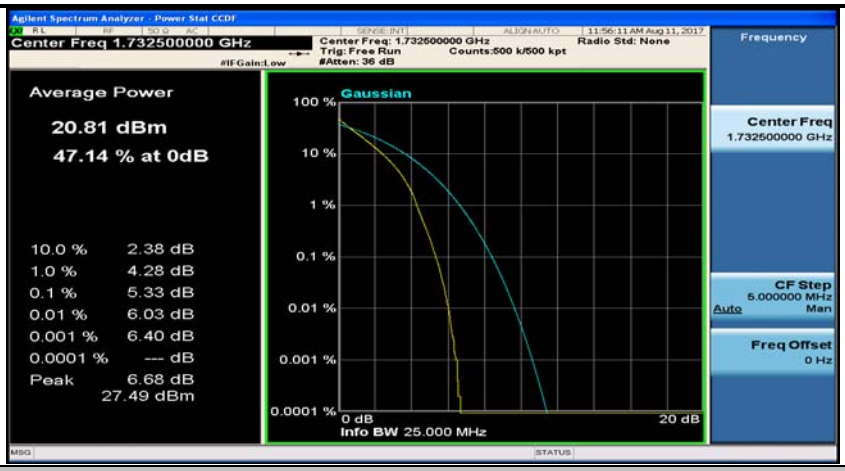


(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18

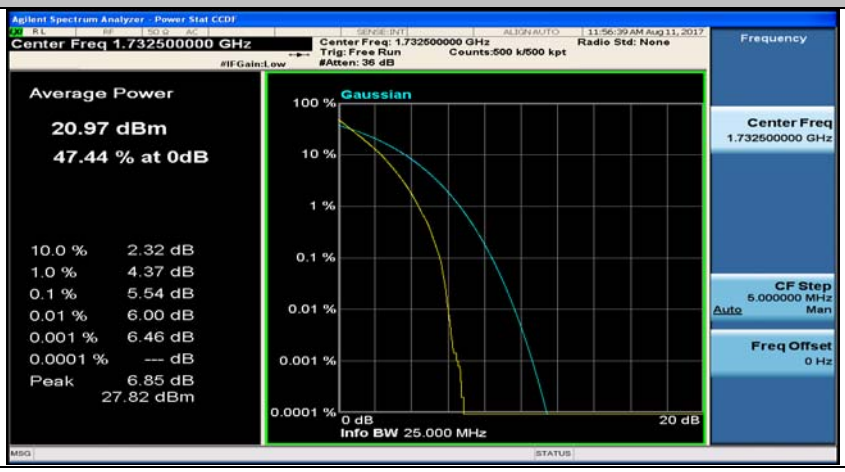


(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



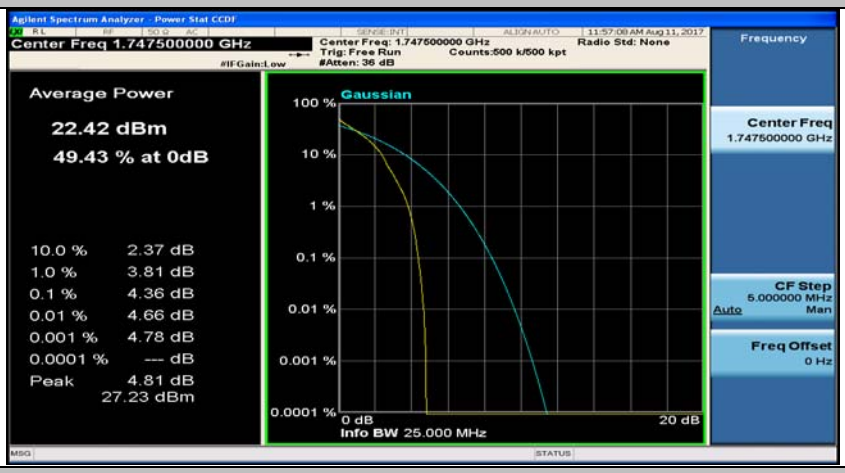
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



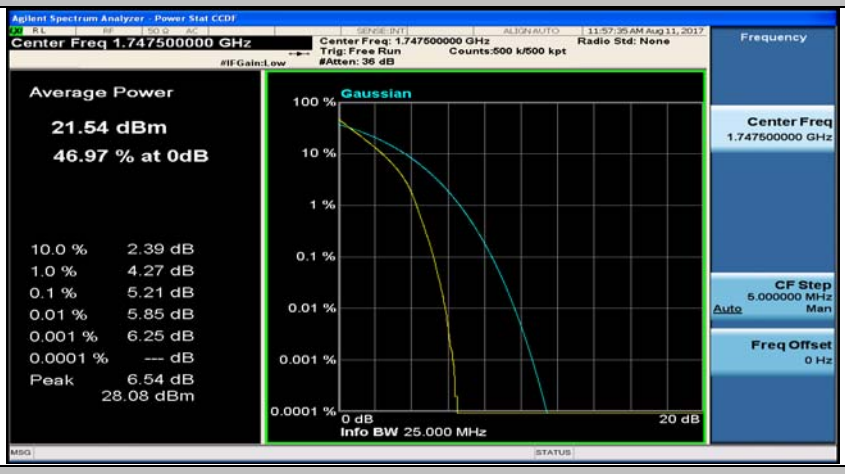
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37

(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18

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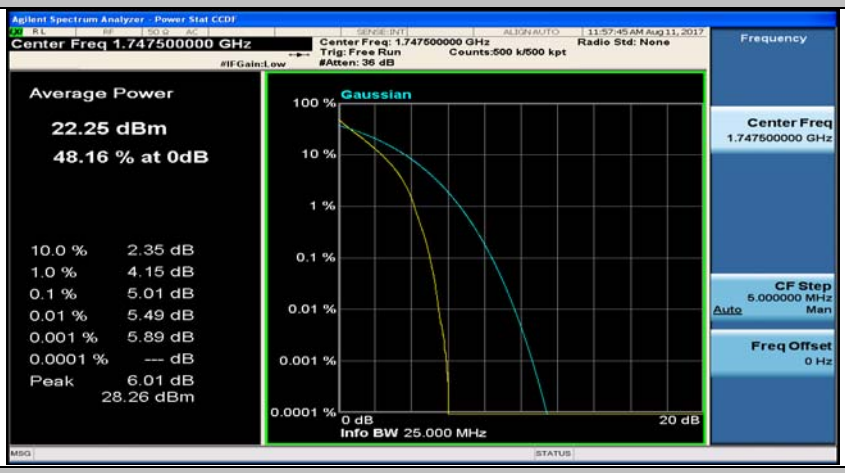
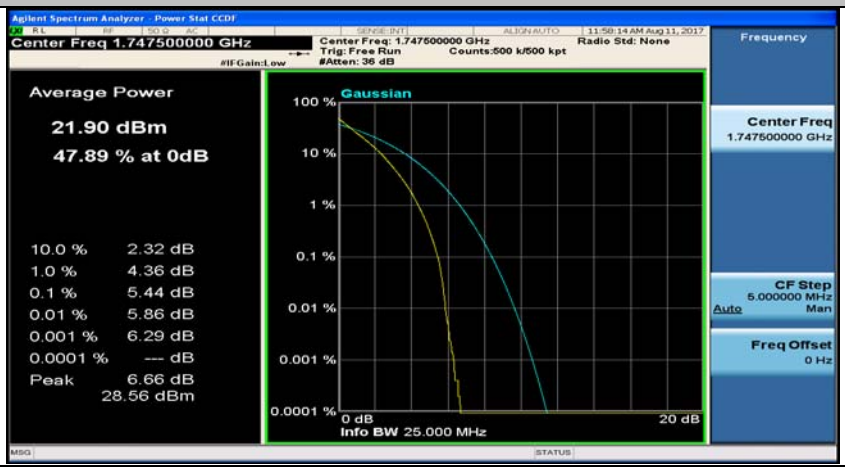
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38

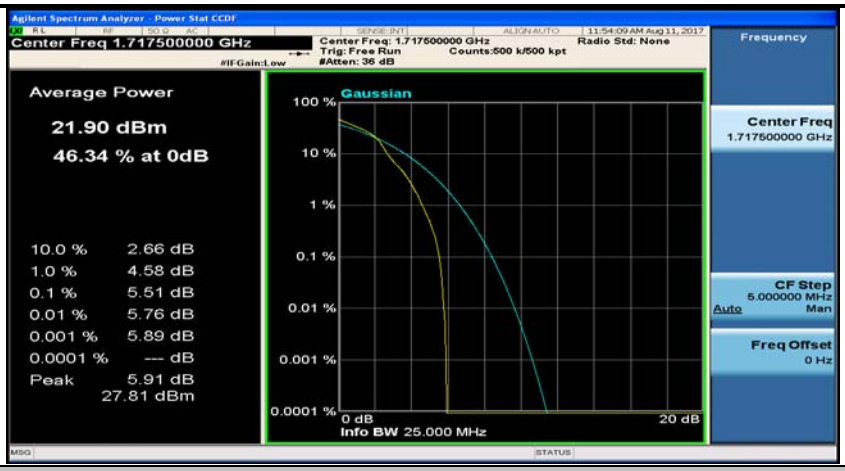


(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0

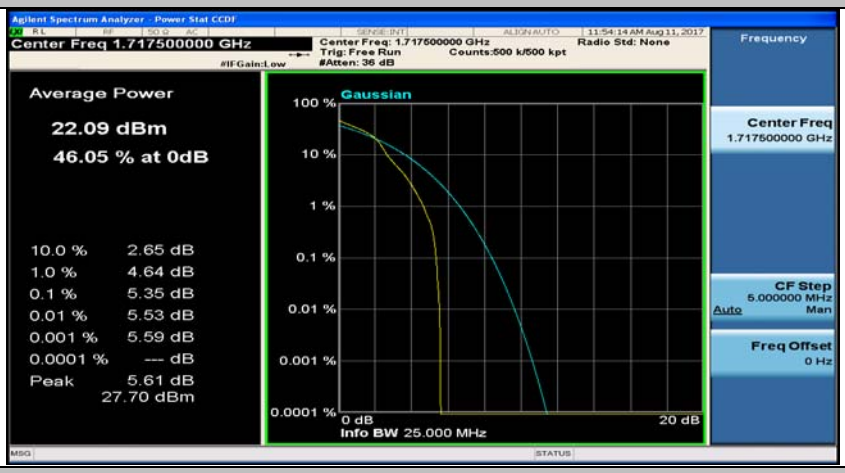


(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

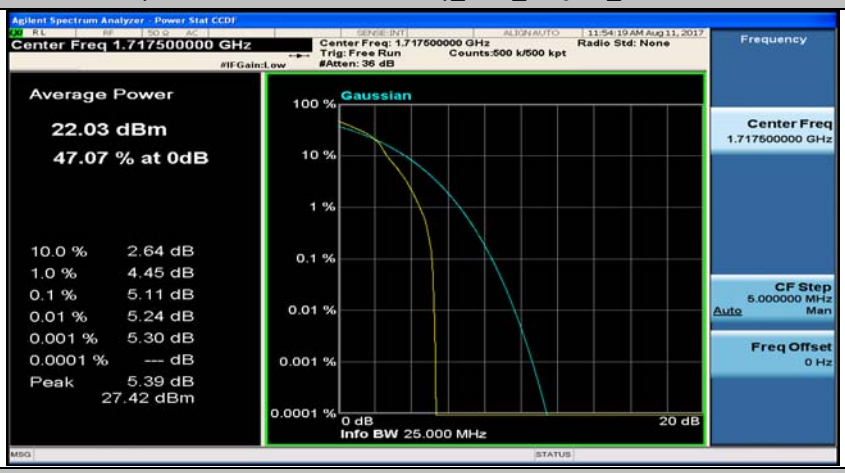
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0

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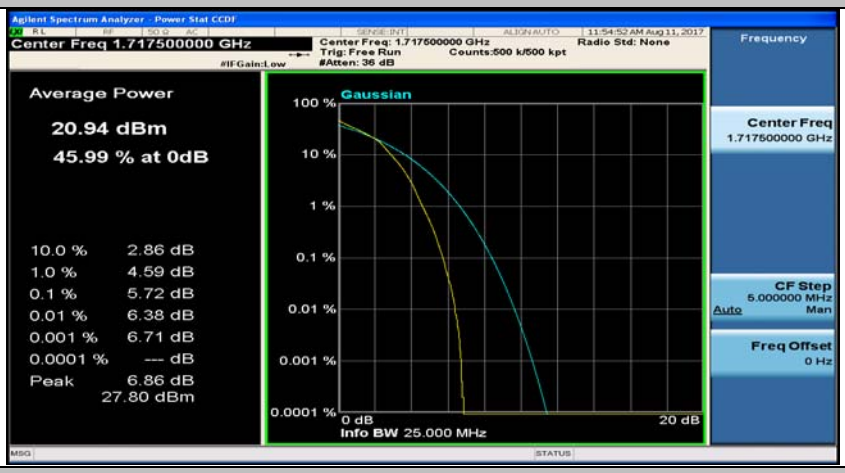
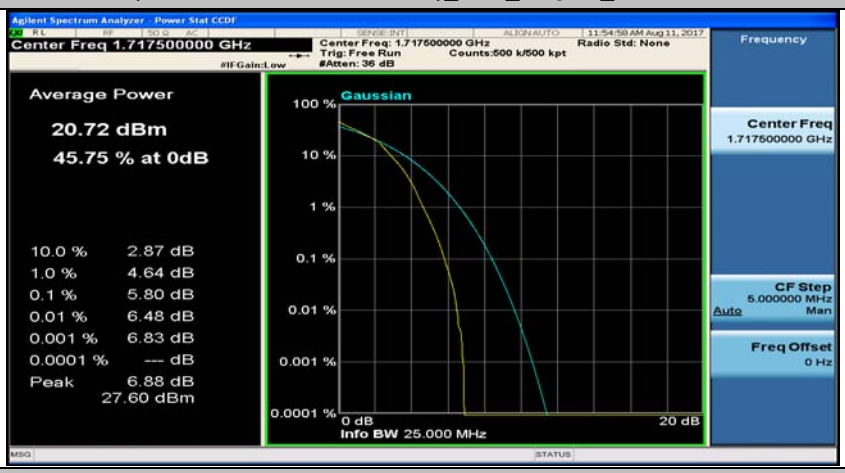
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0