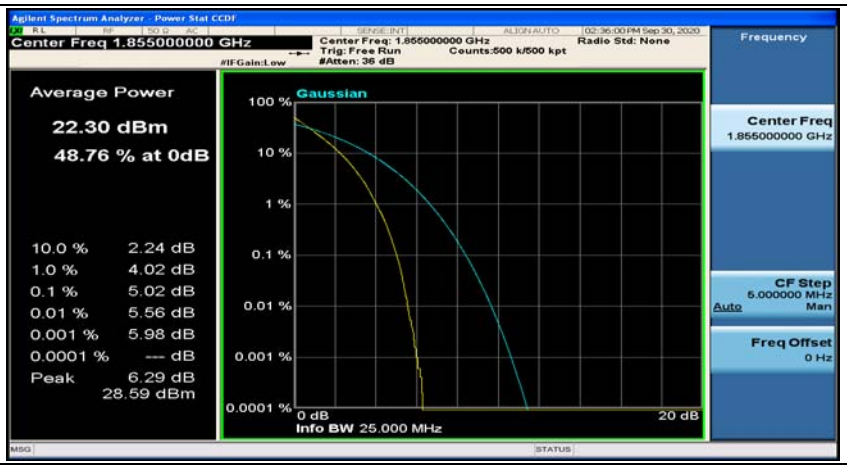


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

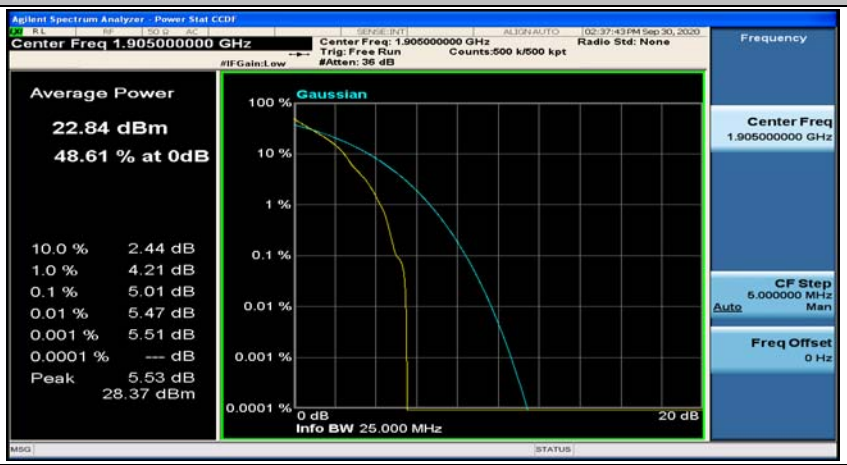
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0

Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12

Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25

Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

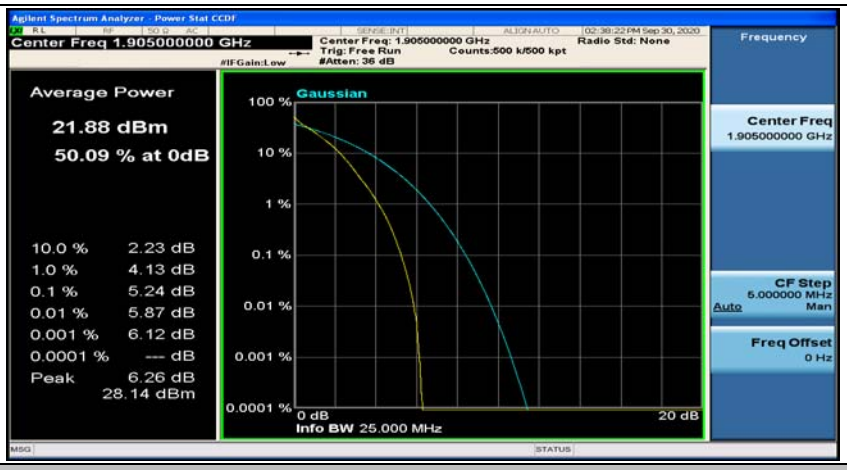


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

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

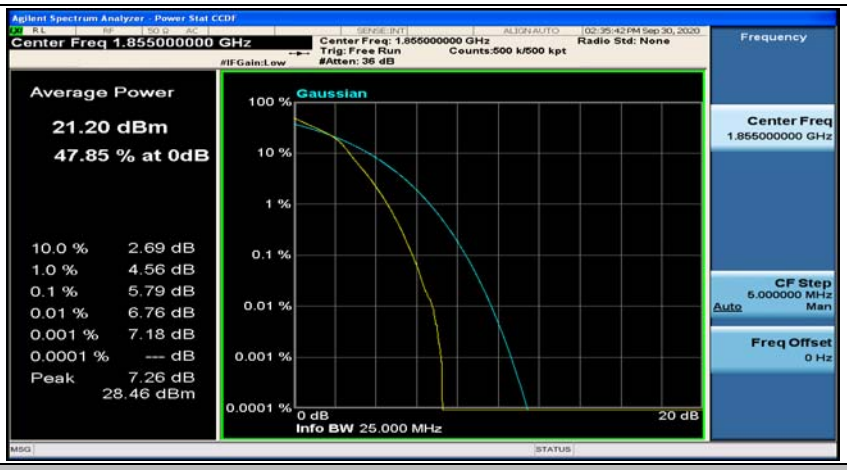
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0

Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

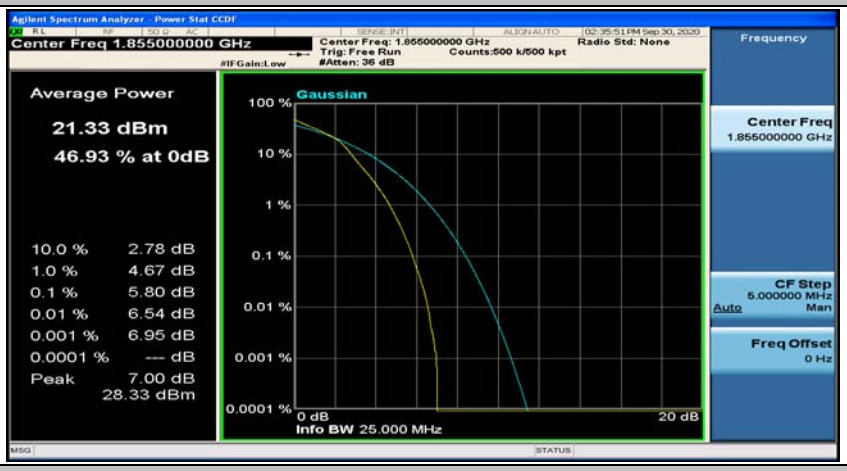
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

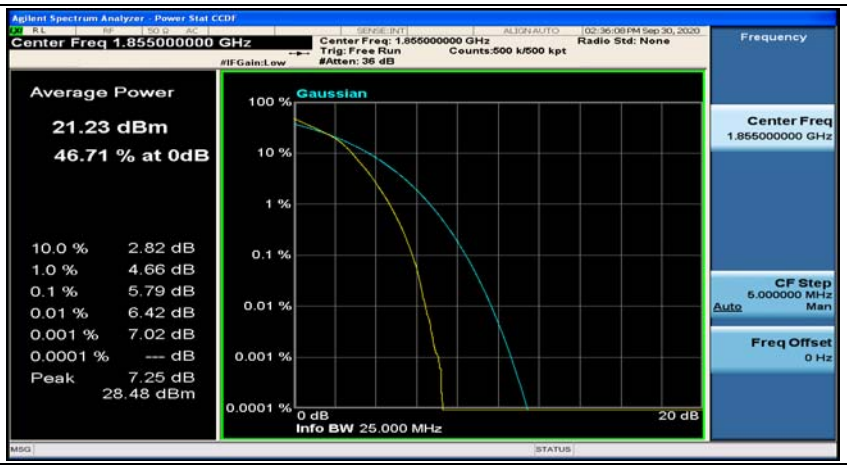


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12

Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



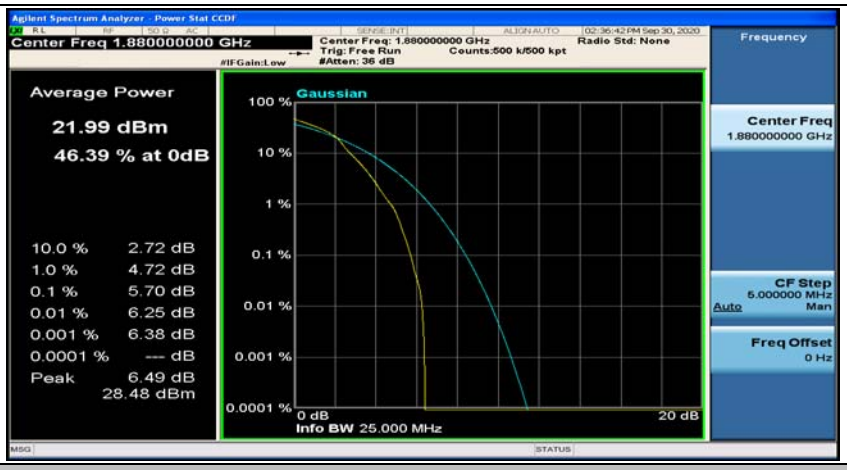
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



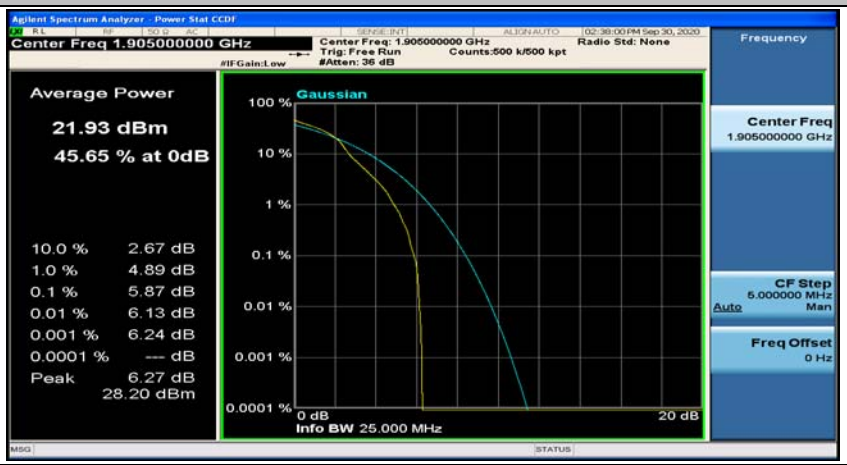
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0

Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12

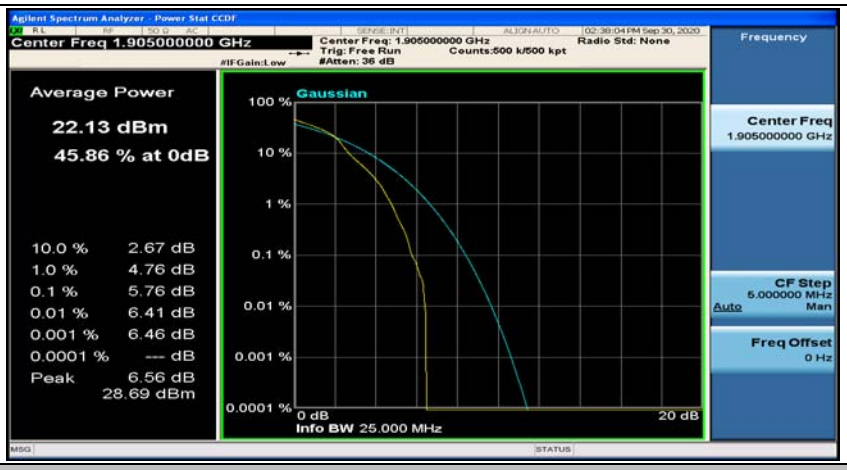
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25

Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

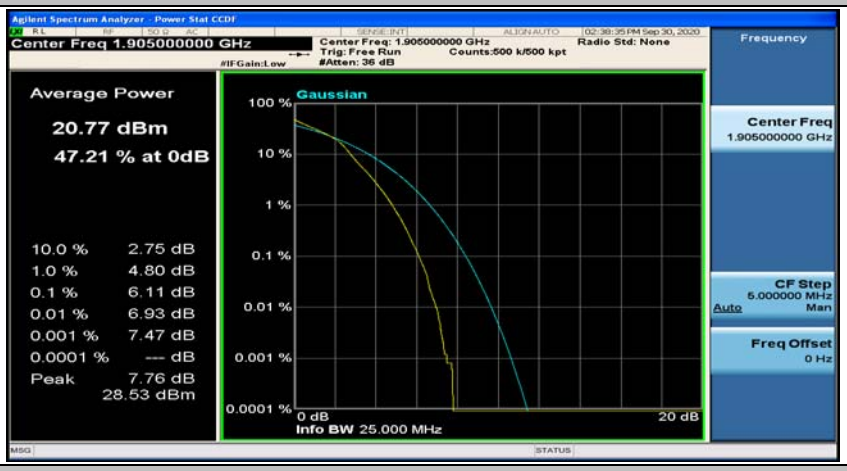


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24

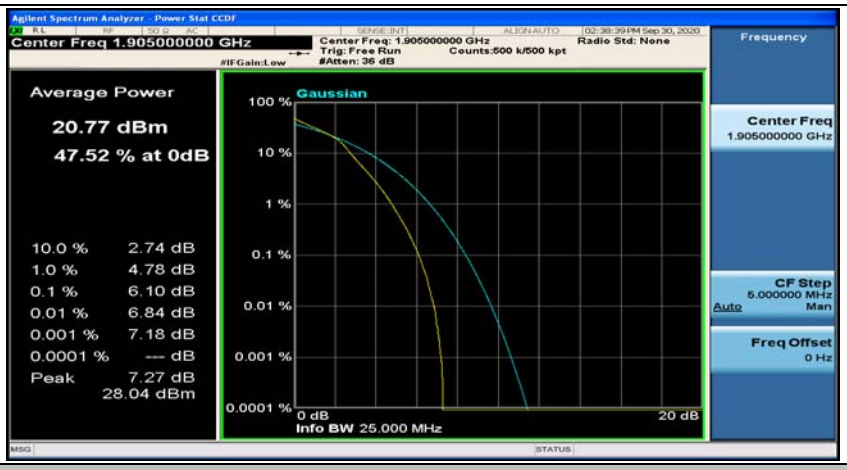


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49

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

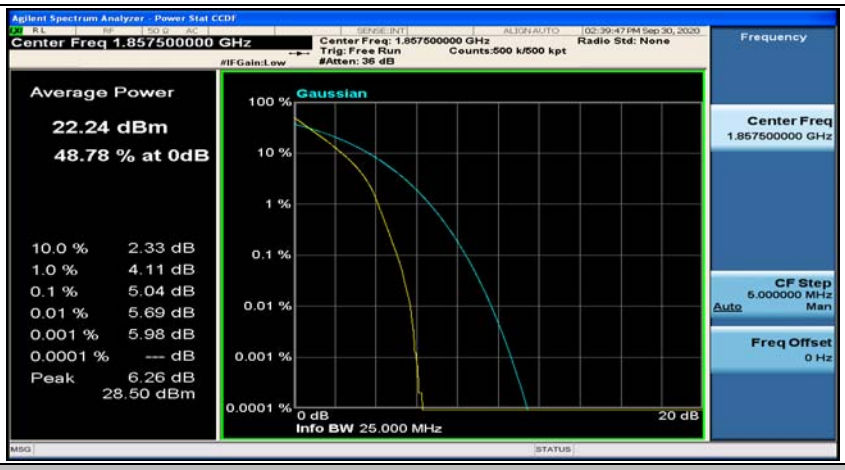
Channel Bandwidth: 15 MHz

(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

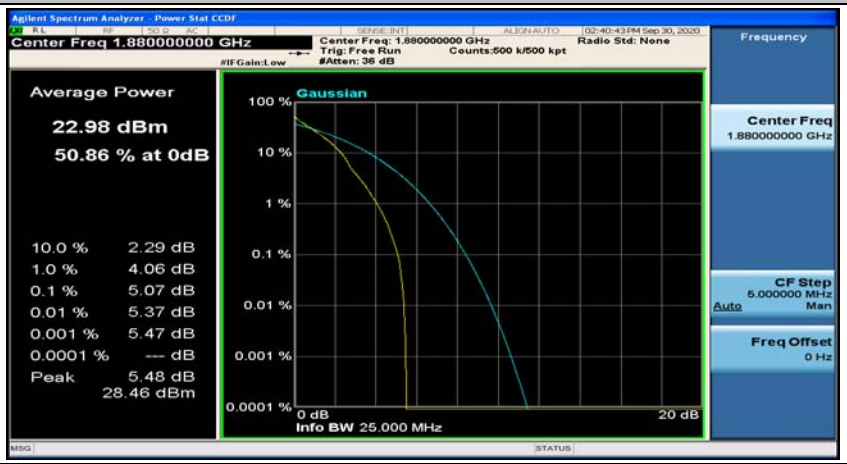


(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18

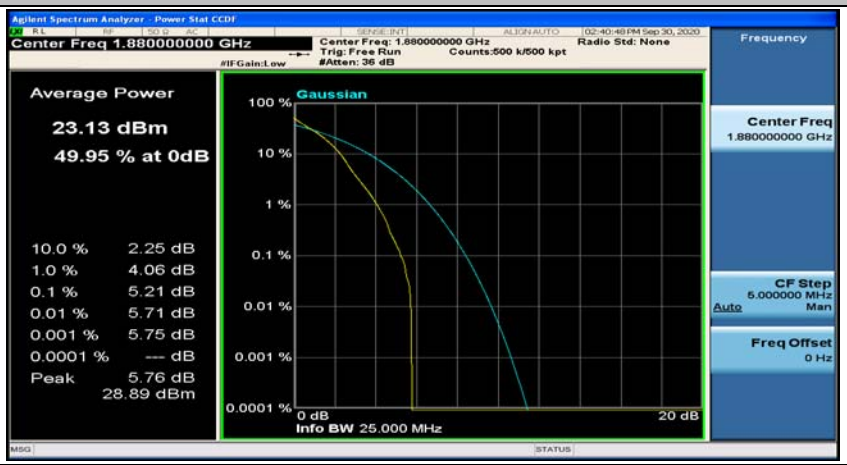
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38

(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

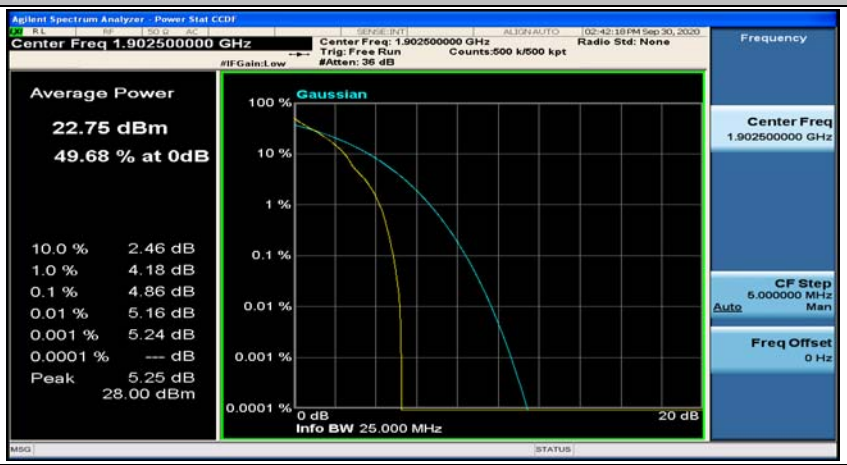
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0

(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18

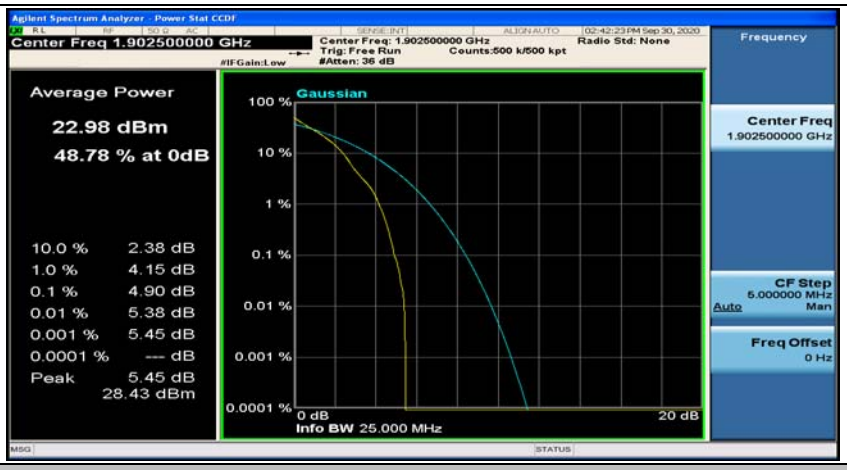
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38

(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0

(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



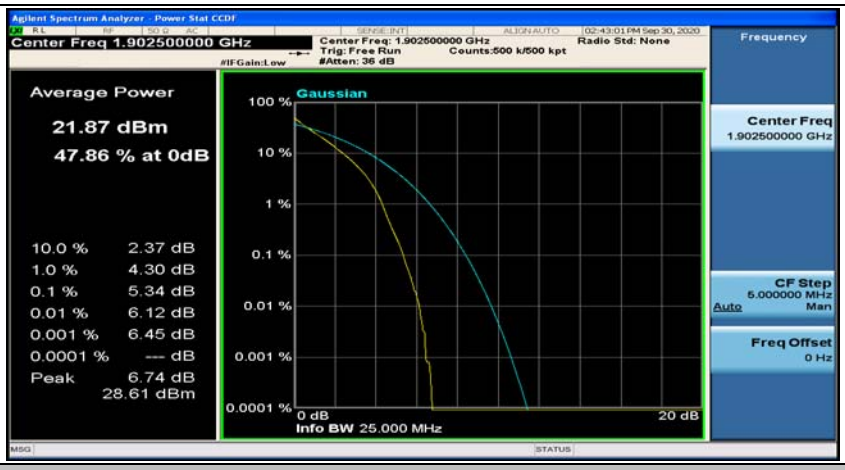
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74

(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0

(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18

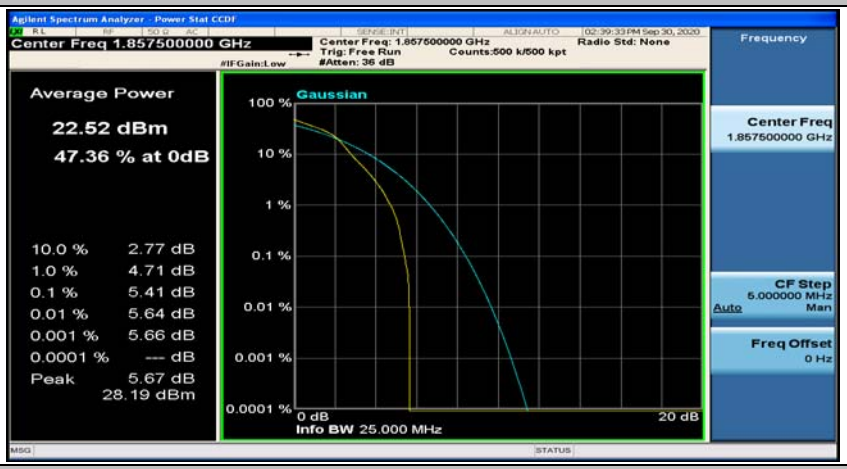


(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38

(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0

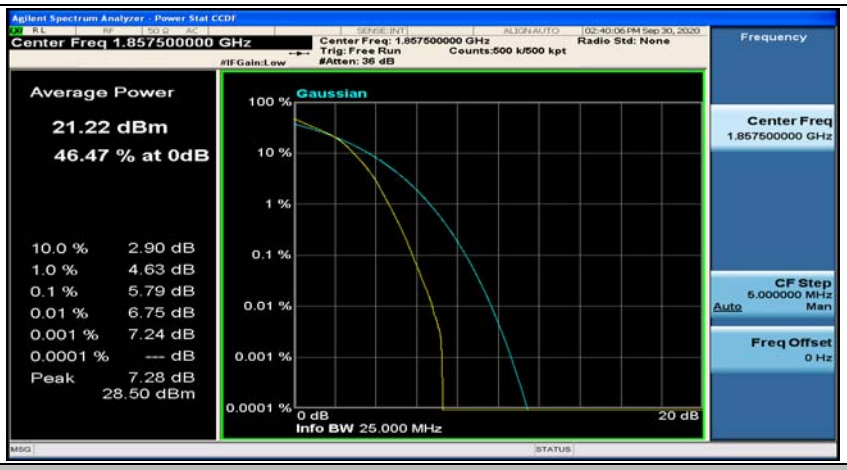
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



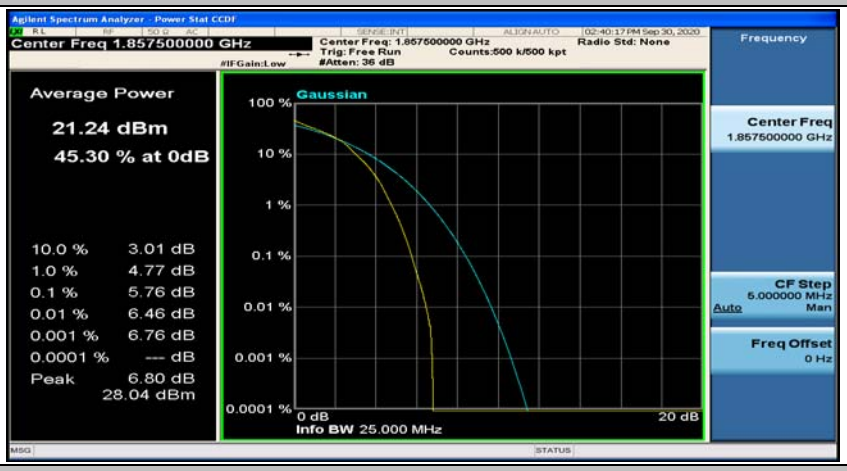
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74

(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



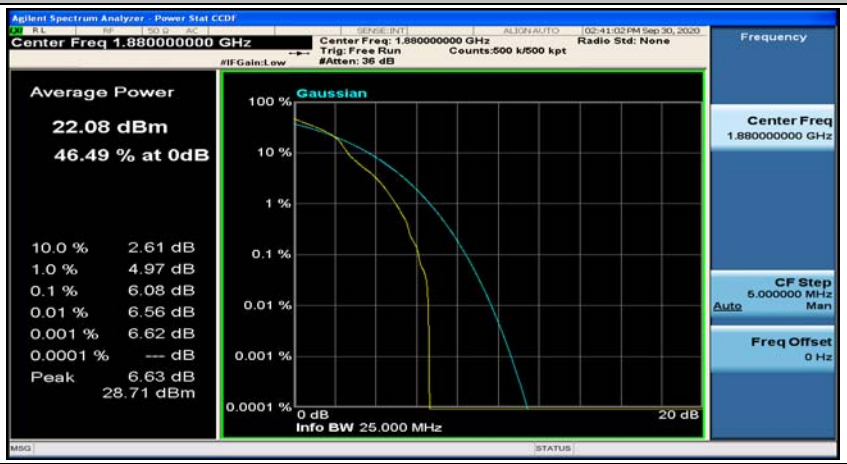
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18

(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38

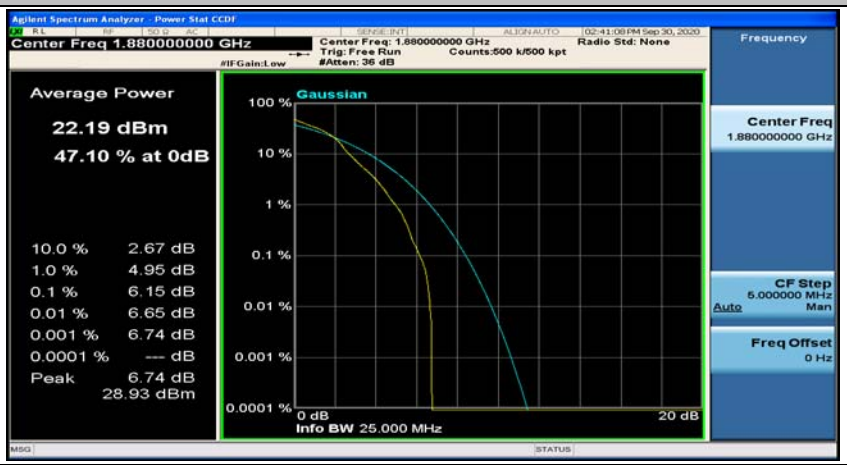


(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0

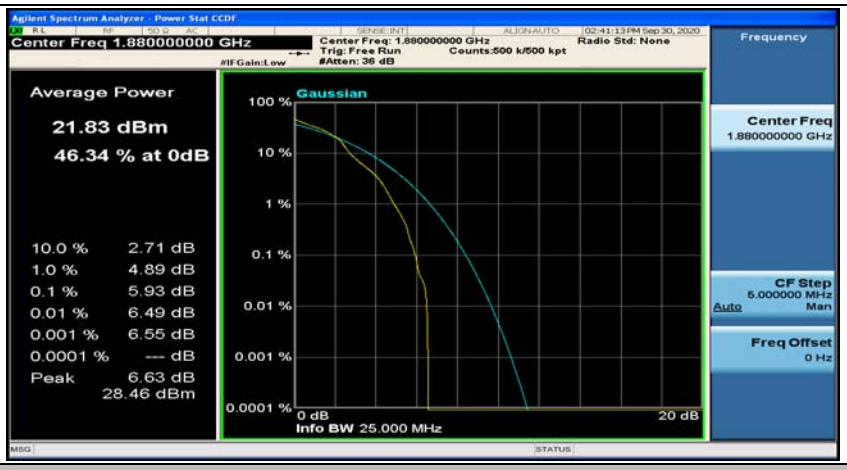
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



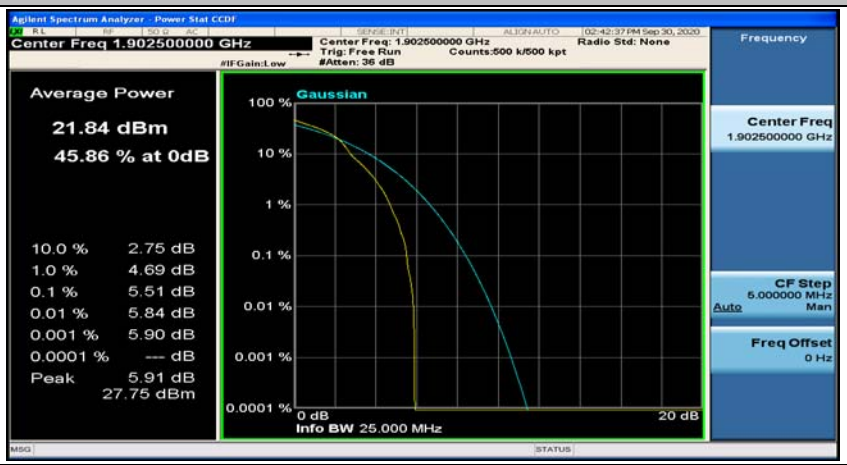
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0

(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18

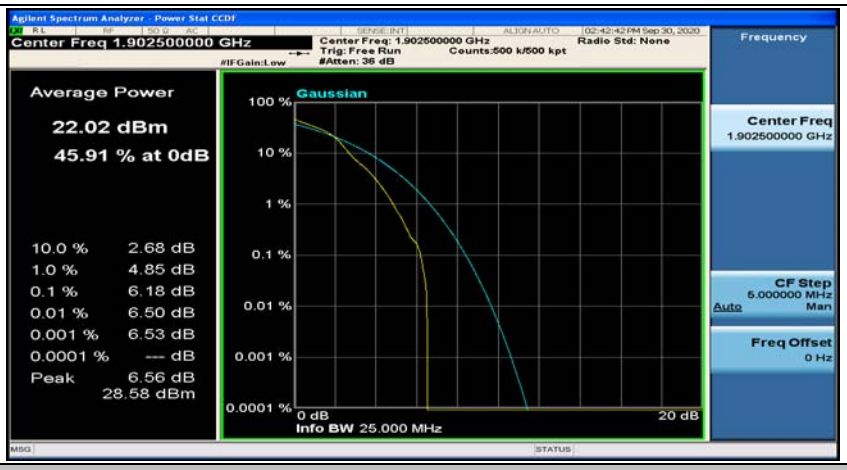
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38

(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



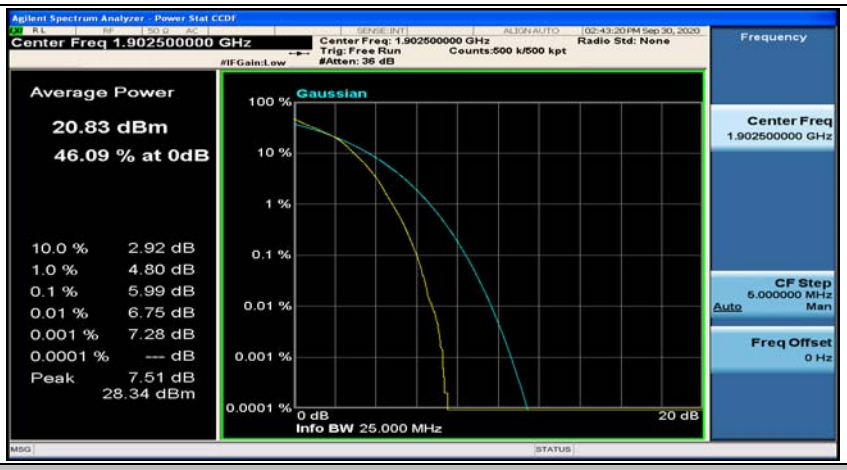
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74

(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0

(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38

(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

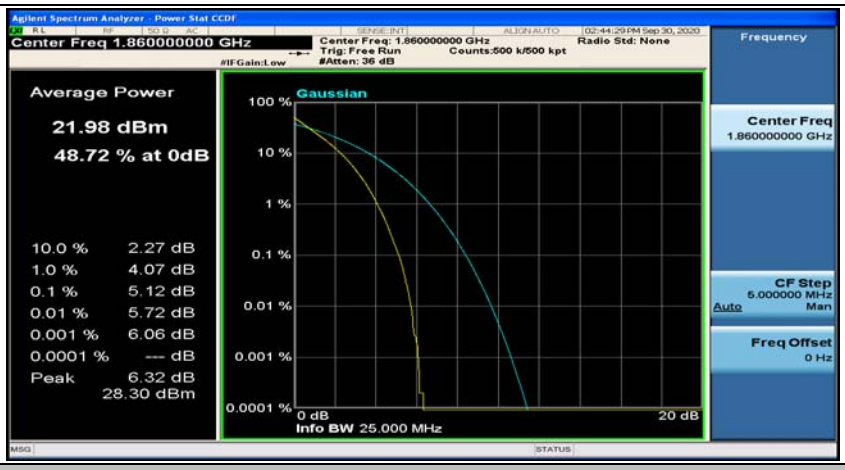
Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0

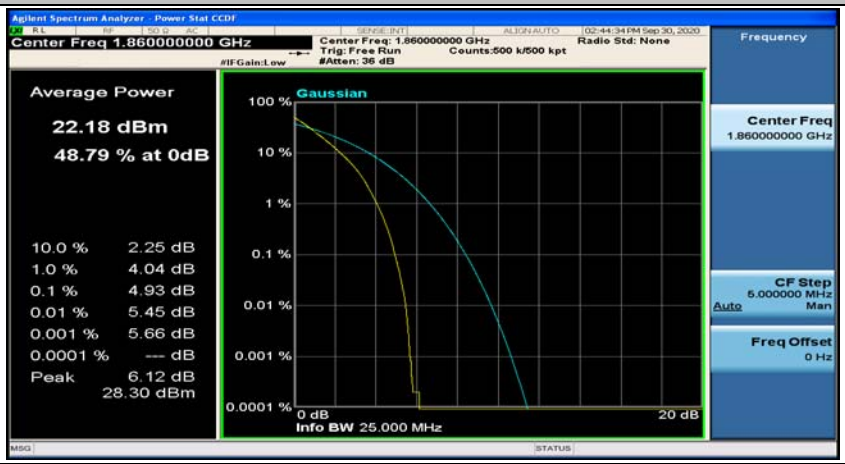
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49

(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99

(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50

(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0

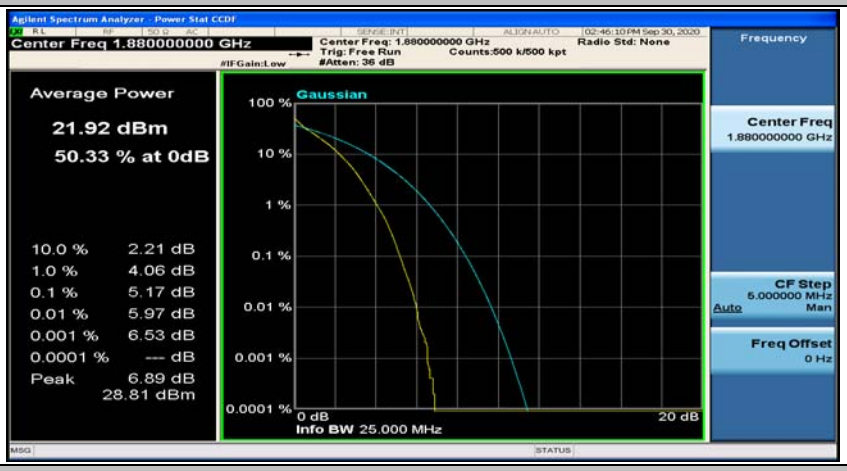
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

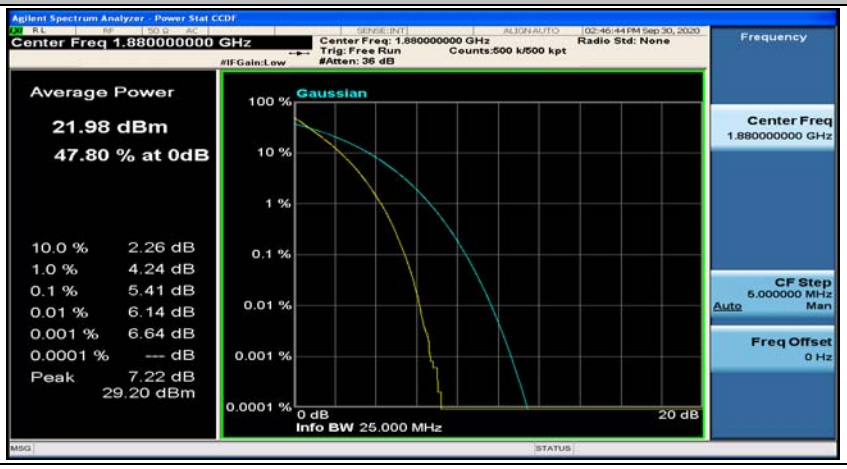
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0

(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25

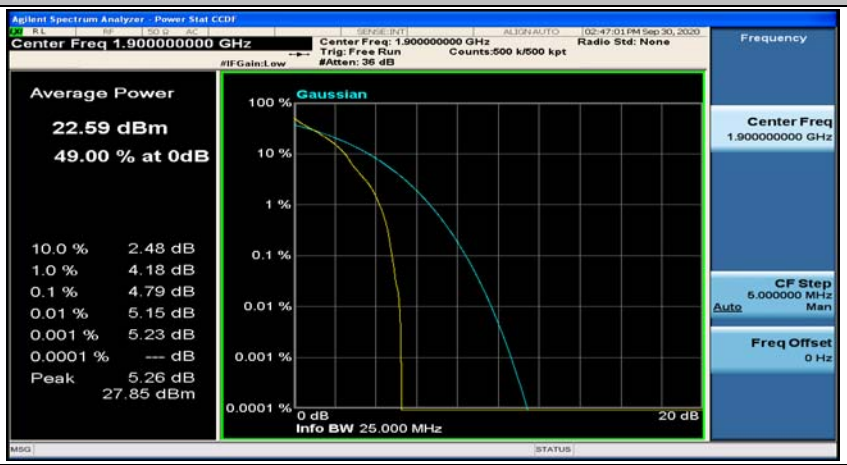


(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50

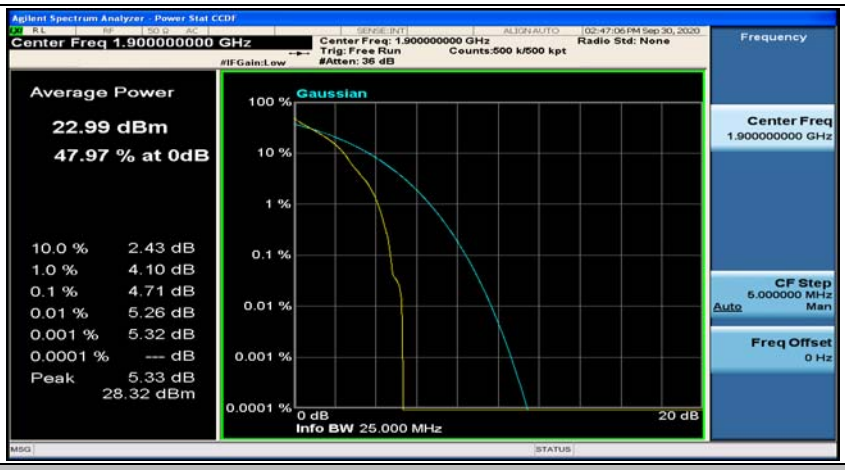
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



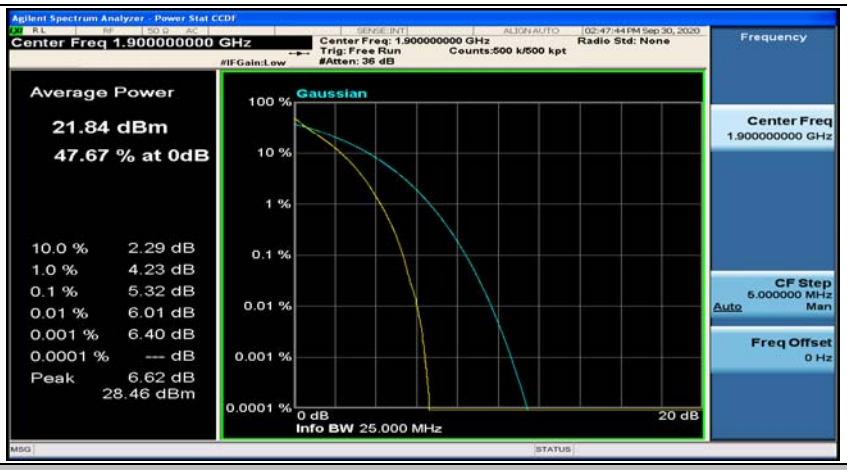
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49



(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99

(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0

(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25



(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50

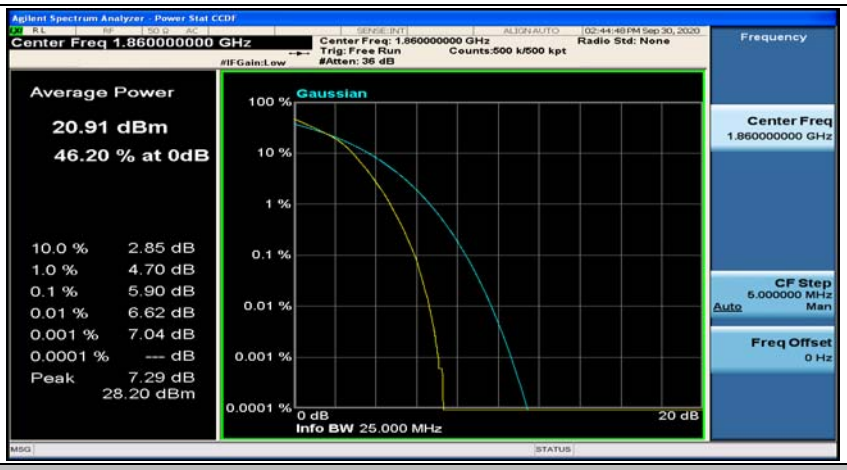
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0

(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

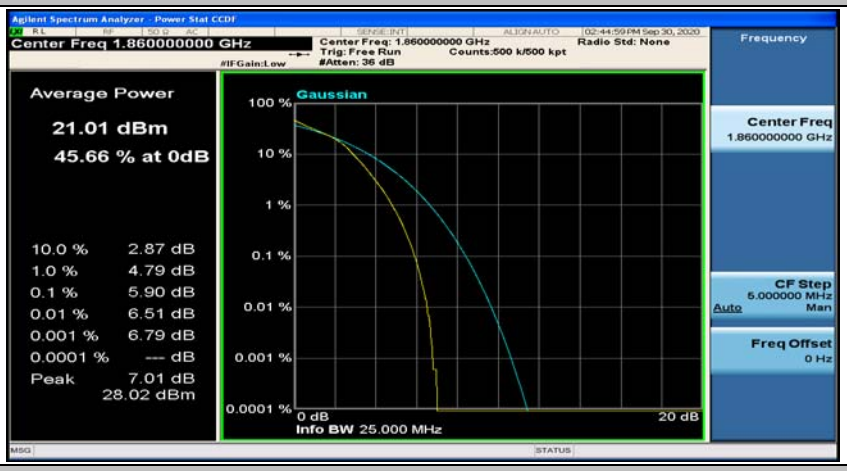
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99

(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0



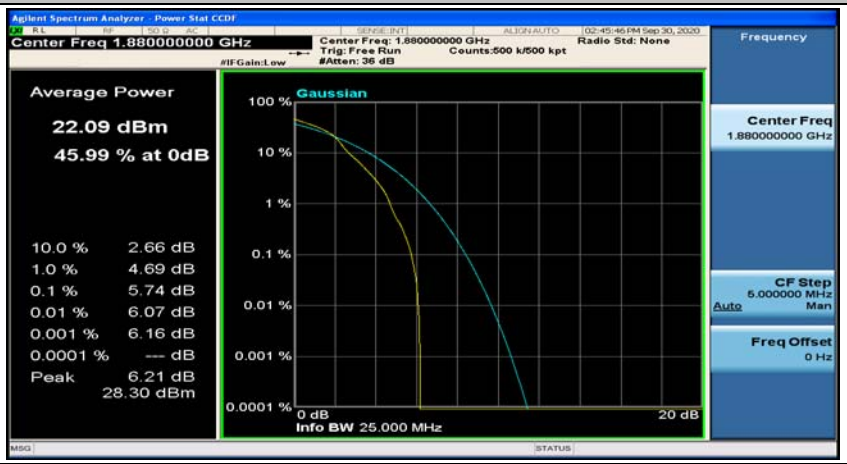
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25

(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50

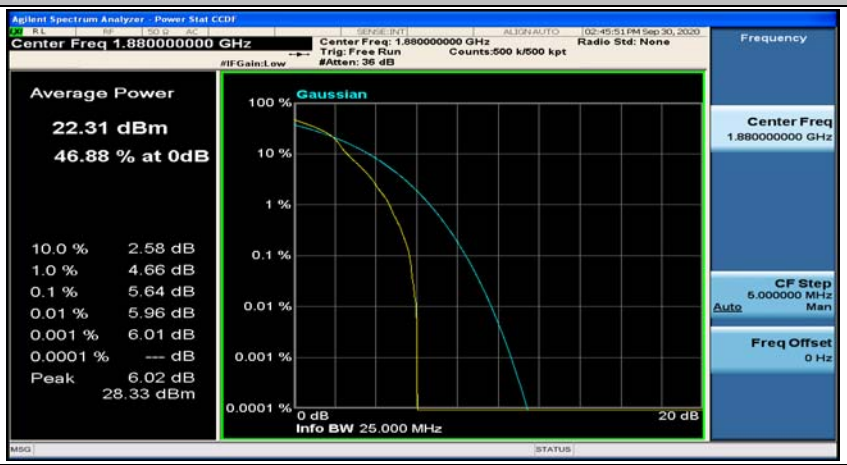


(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0

(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

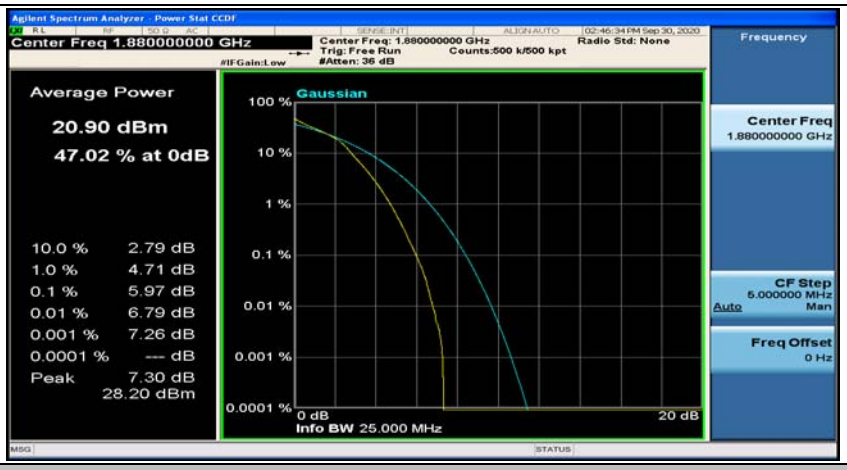


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99

(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0

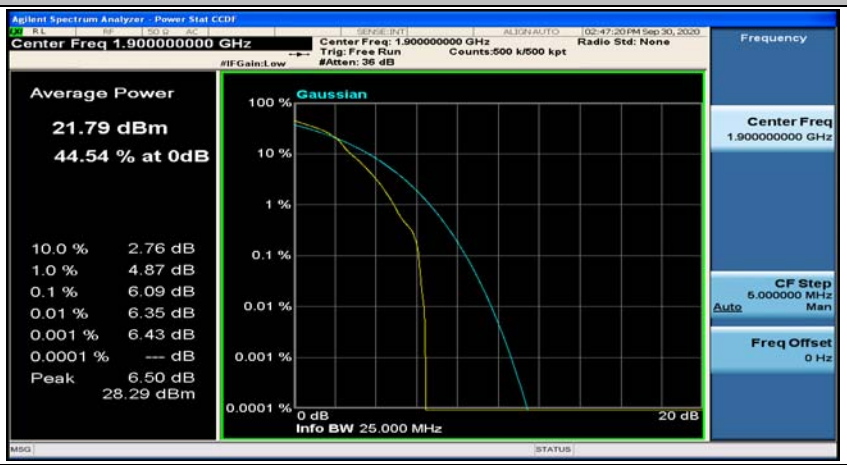
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25

(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50



(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0

(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0

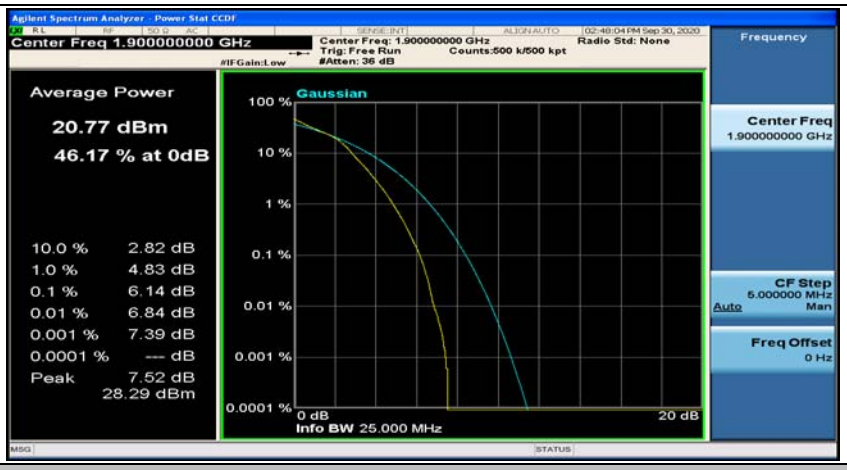


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49

(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99

(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0

(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#50

(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.0743	1.228	PASS
	MCH	6	0	1.0779	1.224	PASS
	HCH	6	0	1.0741	1.229	PASS
16QAM	LCH	6	0	1.0770	1.222	PASS
	MCH	6	0	1.0743	1.238	PASS
	HCH	6	0	1.0808	1.233	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	15	0	2.6787	2.830	PASS
	MCH	15	0	2.6810	2.834	PASS
	HCH	15	0	2.6764	2.823	PASS
16QAM	LCH	15	0	2.6804	2.819	PASS
	MCH	15	0	2.6835	2.838	PASS
	HCH	15	0	2.6762	2.822	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4815	4.936	PASS
	MCH	25	0	4.4763	4.902	PASS
	HCH	25	0	4.4819	4.845	PASS
16QAM	LCH	25	0	4.4843	4.889	PASS
	MCH	25	0	4.4718	4.845	PASS
	HCH	25	0	4.4727	4.867	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9445	9.532	PASS
	MCH	50	0	8.9387	9.579	PASS
	HCH	50	0	8.9460	9.516	PASS
16QAM	LCH	50	0	8.9429	9.553	PASS
	MCH	50	0	8.9461	9.487	PASS
	HCH	50	0	8.9324	9.540	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	75	0	13.397	14.04	PASS
	MCH	75	0	13.398	14.18	PASS
	HCH	75	0	13.424	14.09	PASS
16QAM	LCH	75	0	13.395	14.07	PASS
	MCH	75	0	13.408	14.10	PASS
	HCH	75	0	13.403	14.24	PASS

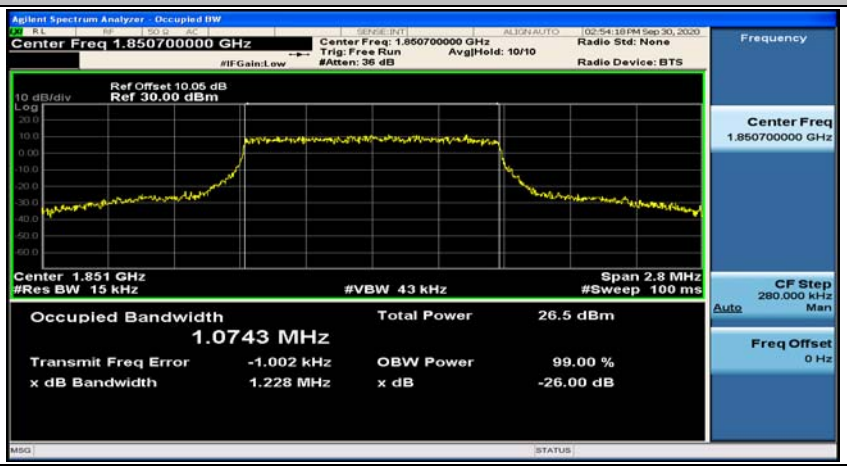
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.805	18.61	PASS
	MCH	100	0	17.880	18.67	PASS
	HCH	100	0	17.880	18.62	PASS
16QAM	LCH	100	0	17.833	18.58	PASS
	MCH	100	0	17.868	18.65	PASS
	HCH	100	0	17.872	18.58	PASS

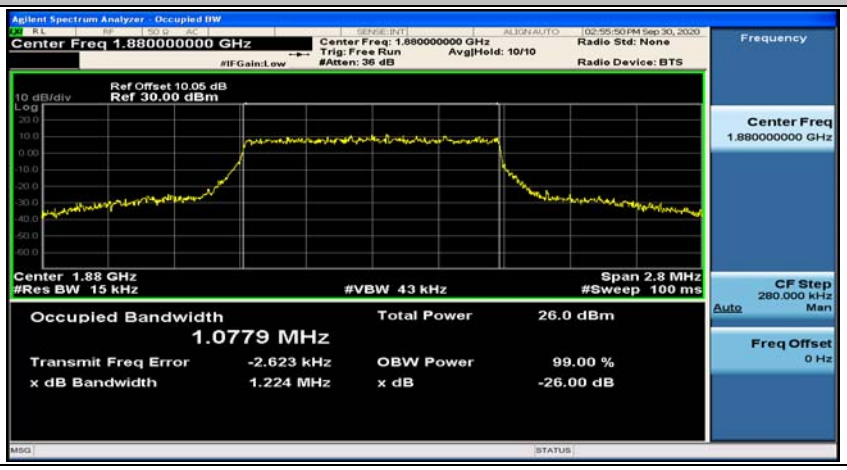
Test Graphs

Channel Bandwidth: 1.4 MHz

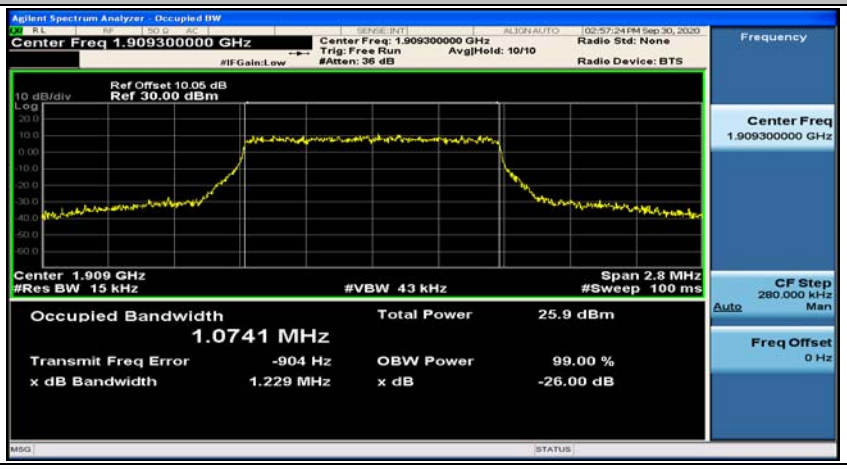
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



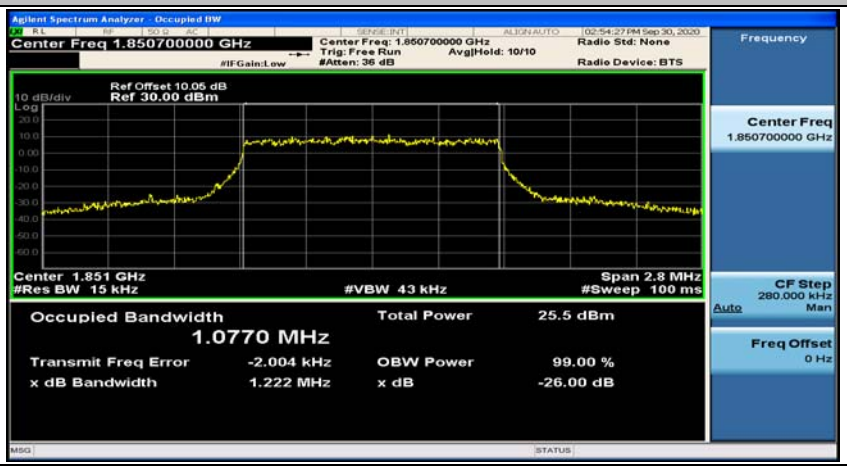
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



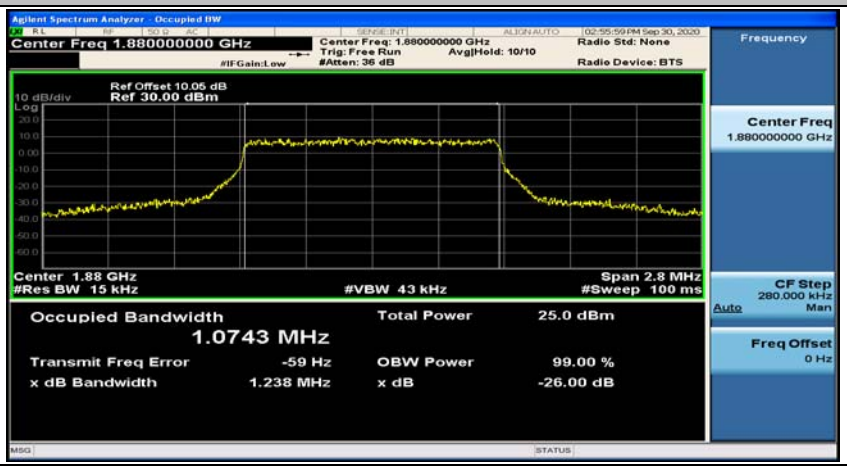
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



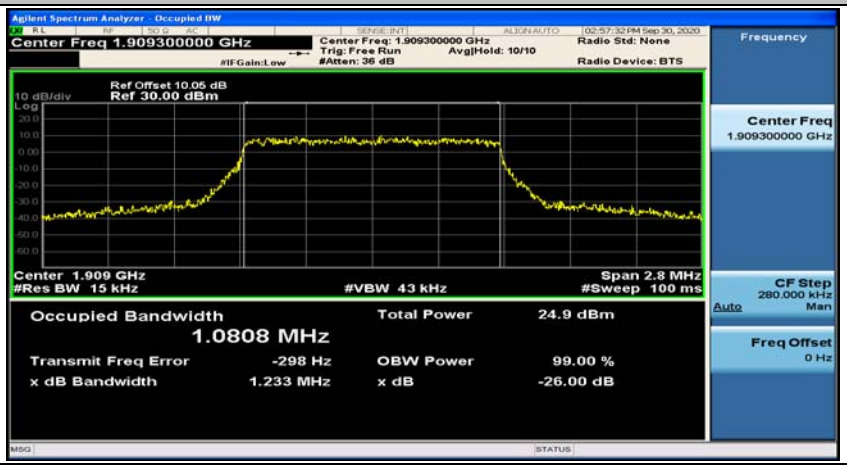
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

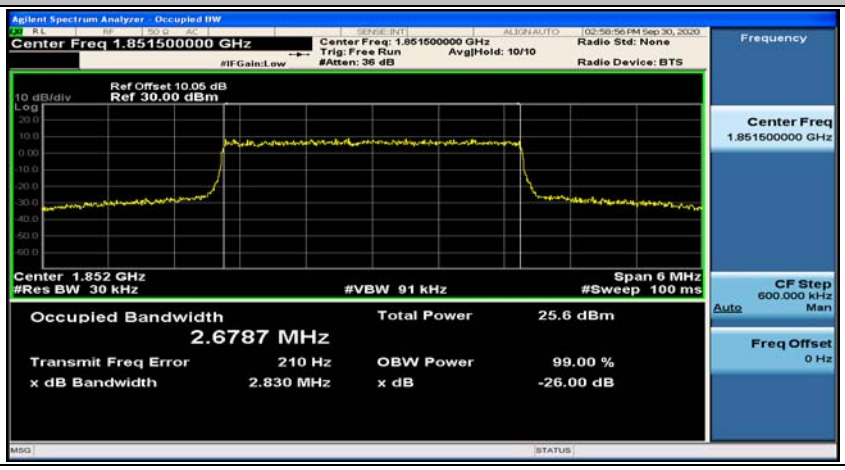


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

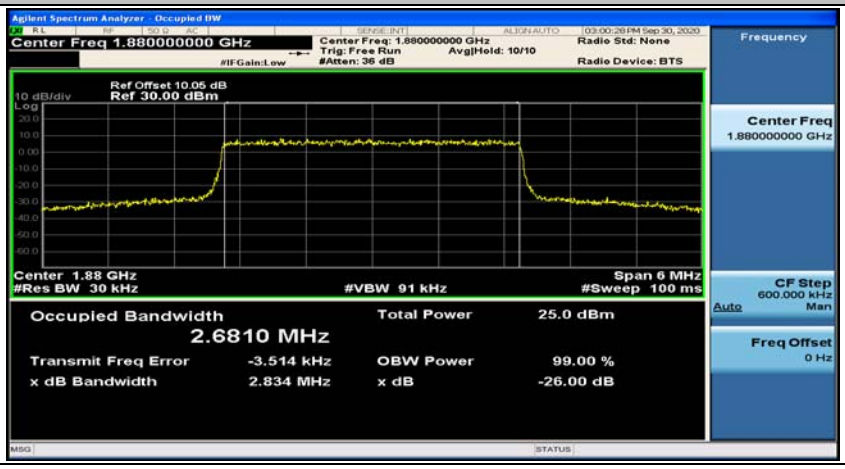


Channel Bandwidth: 3 MHz

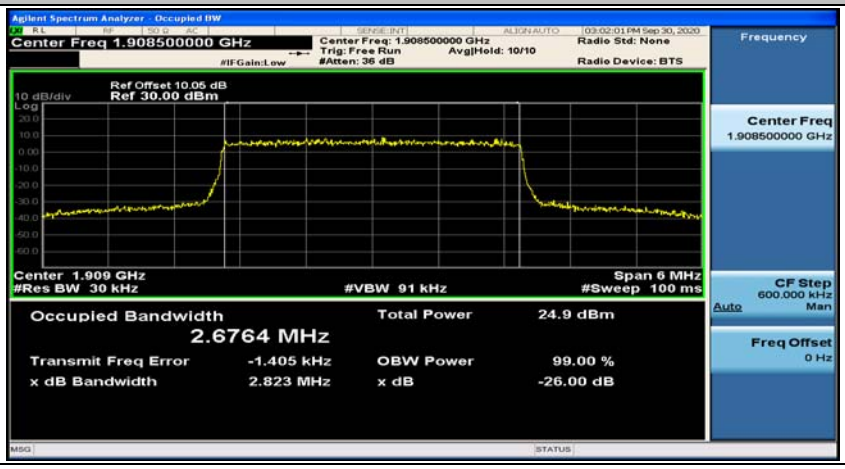
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



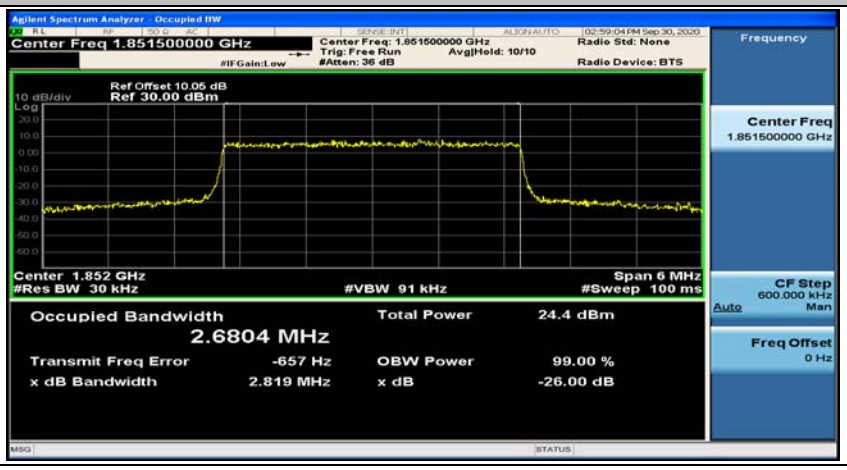
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



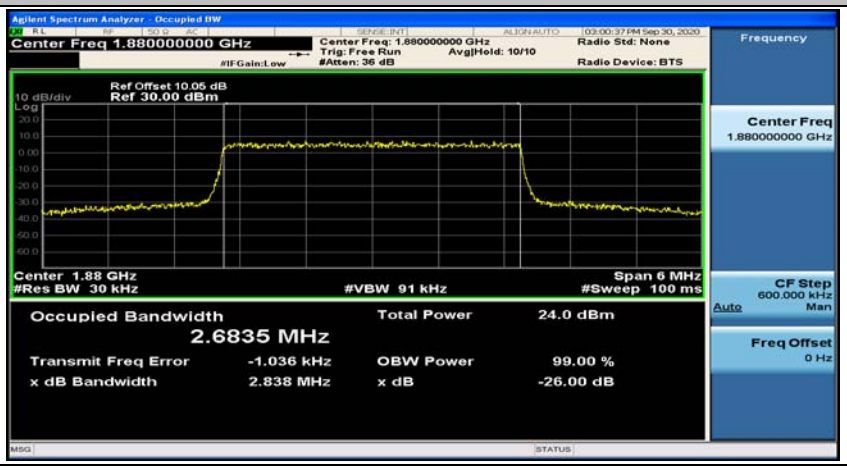
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



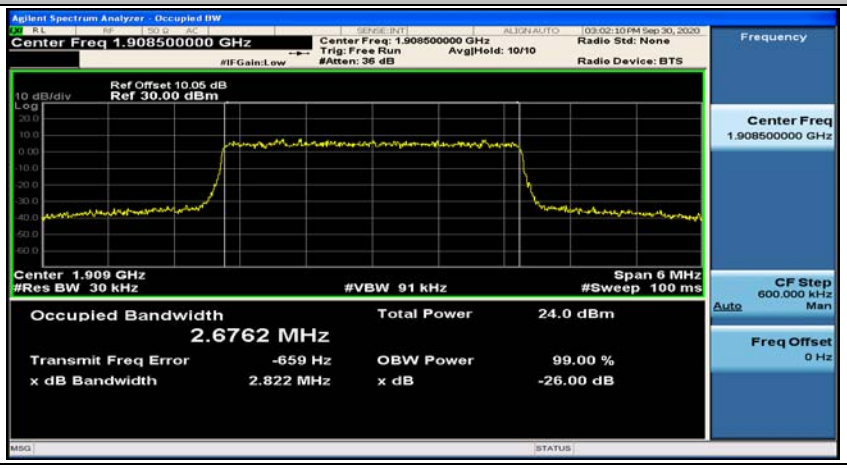
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

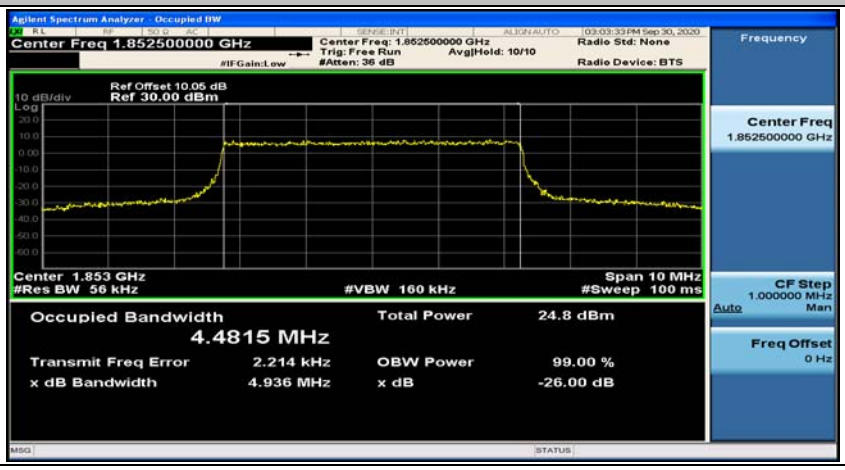


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

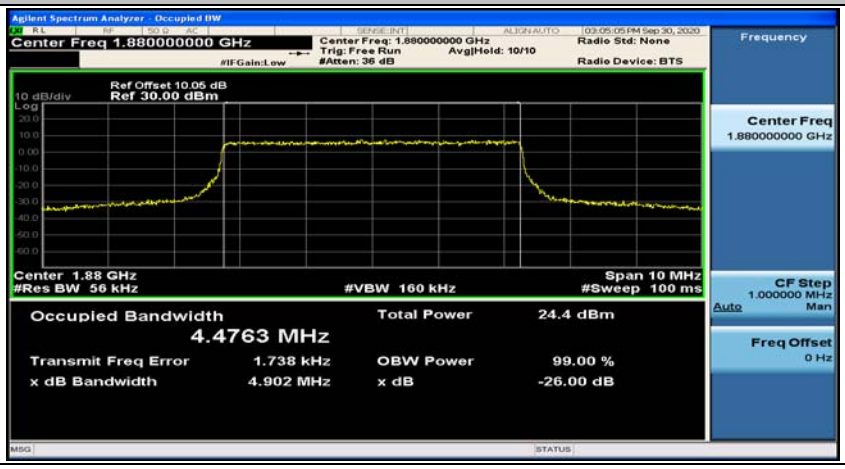
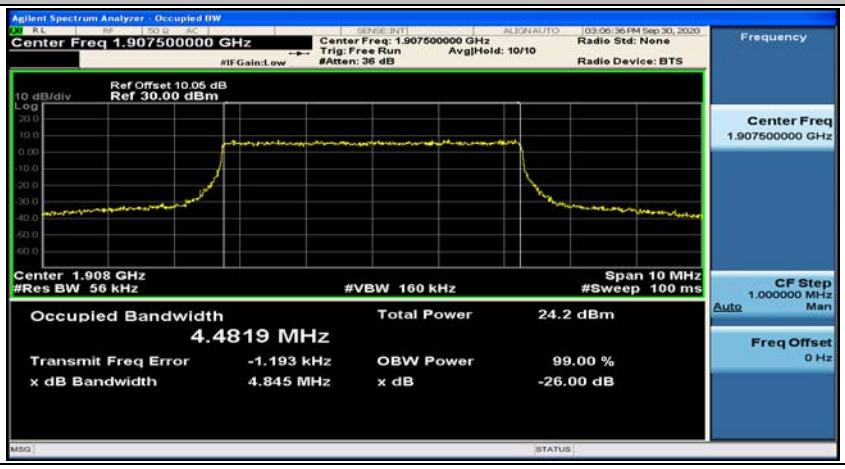


Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0