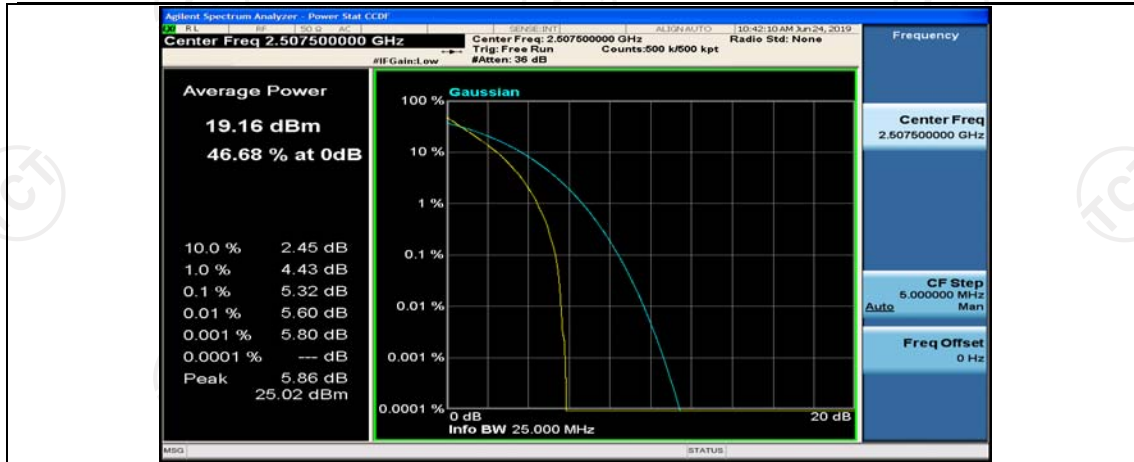
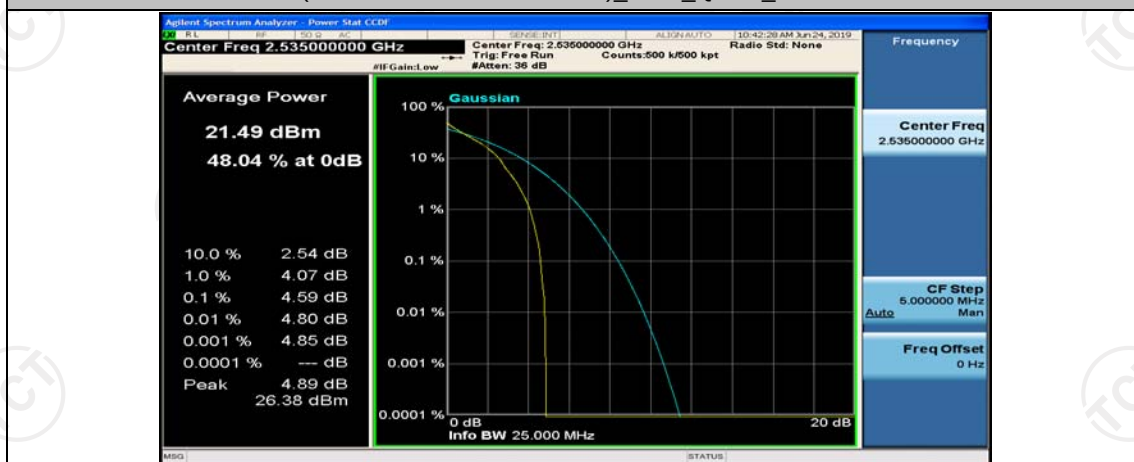




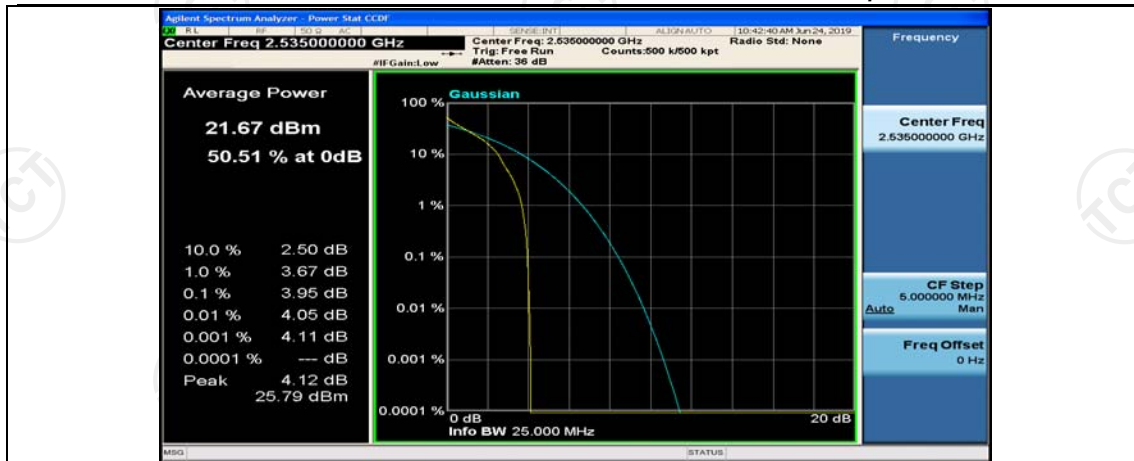
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



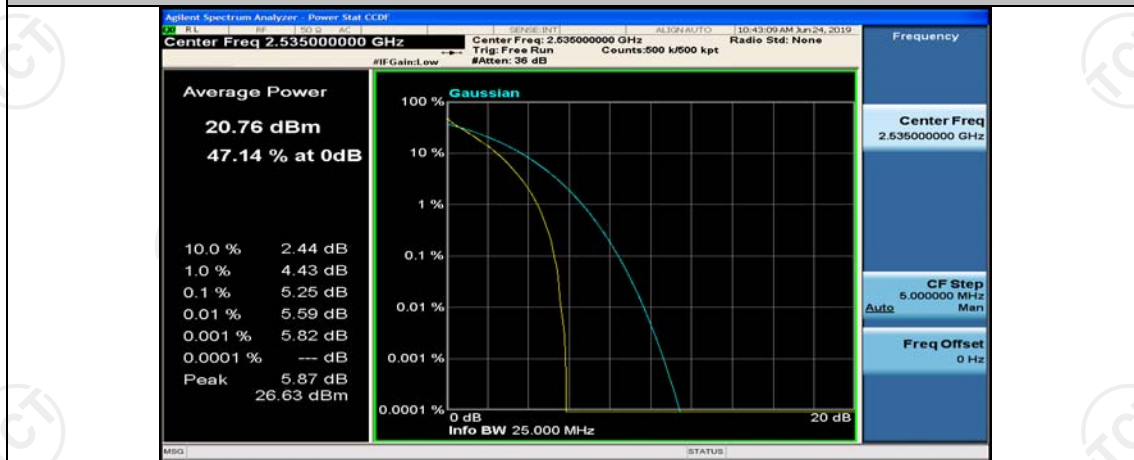
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



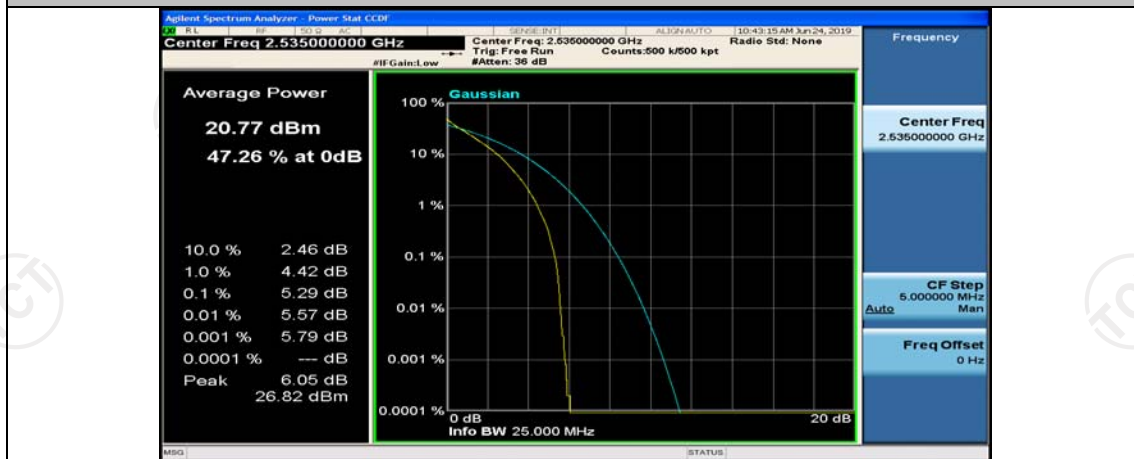
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



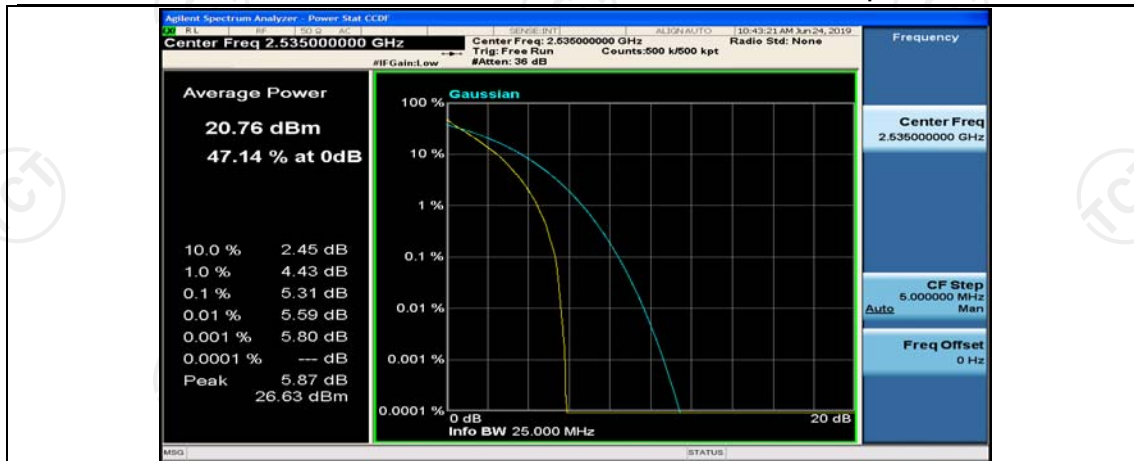
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



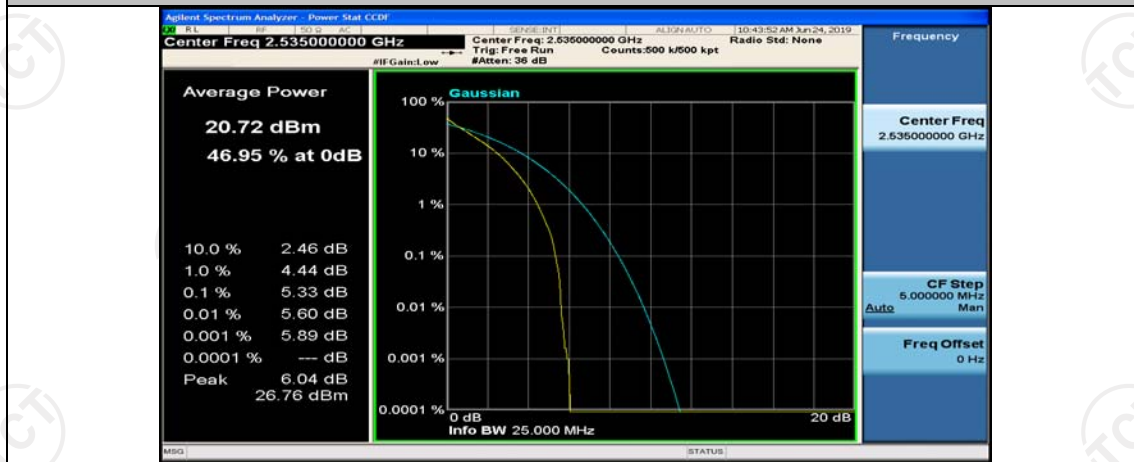
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



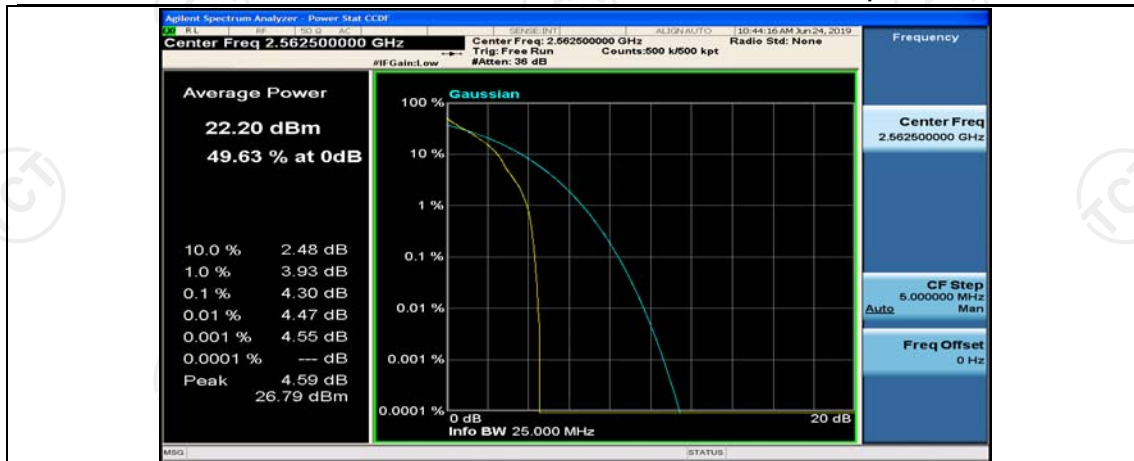
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



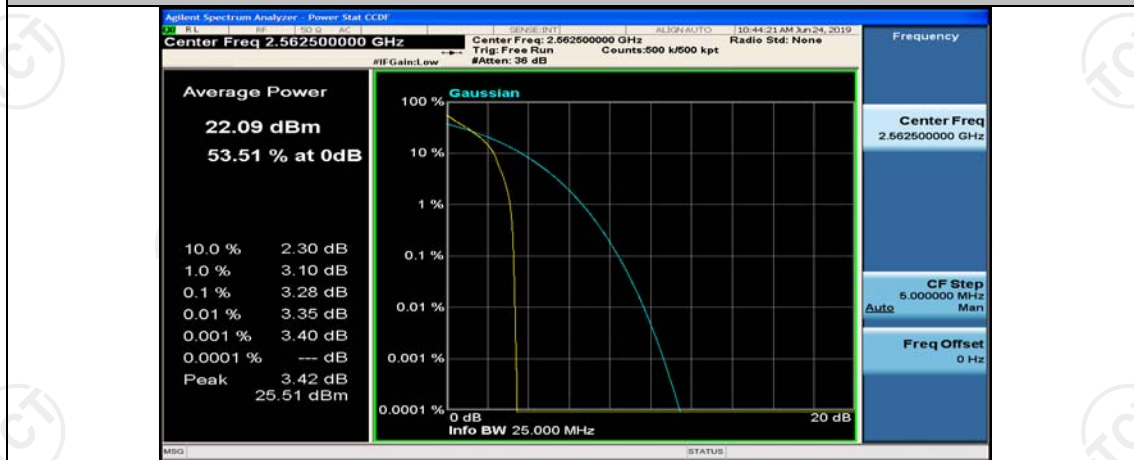
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



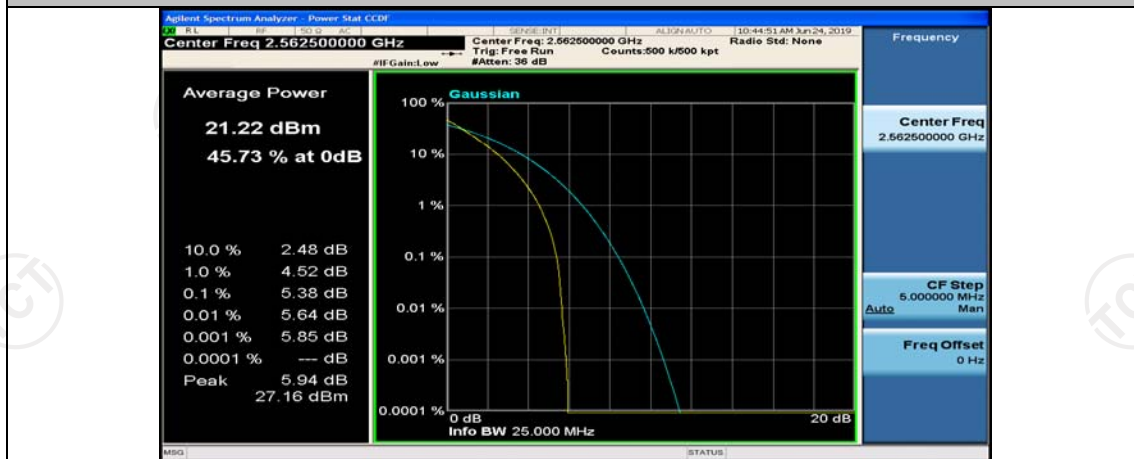
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



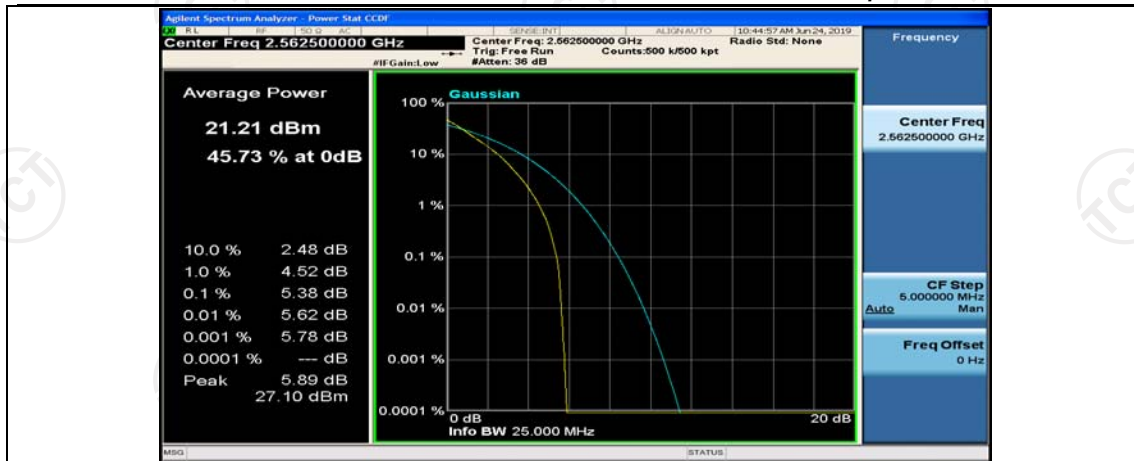
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



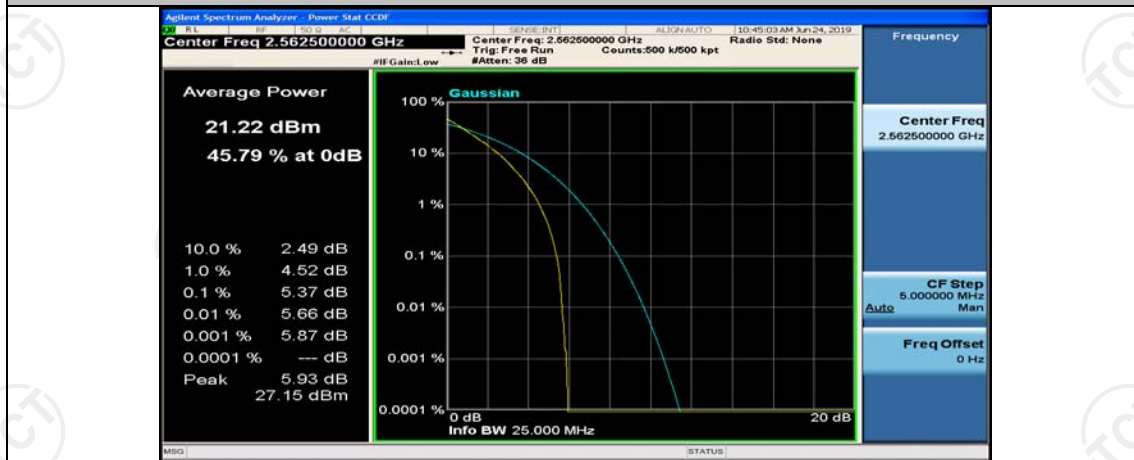
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



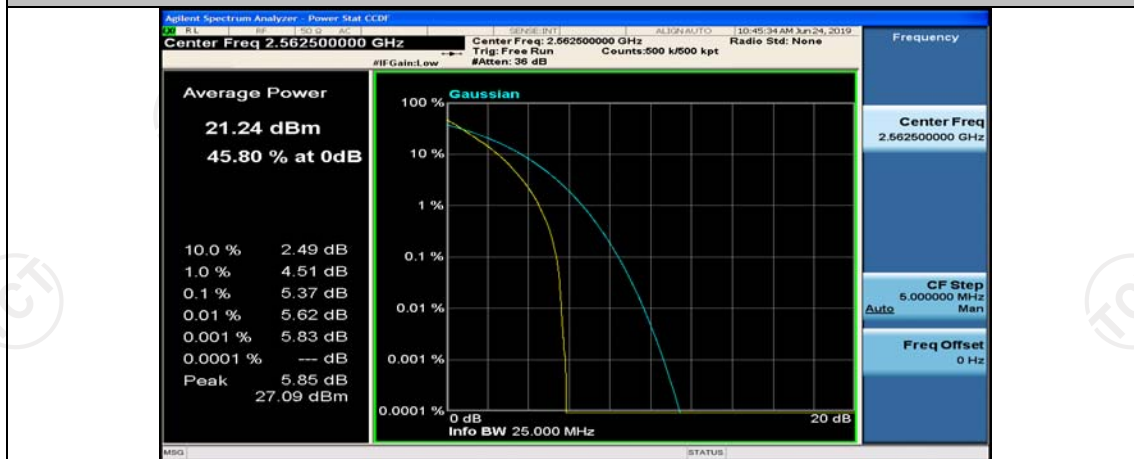
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



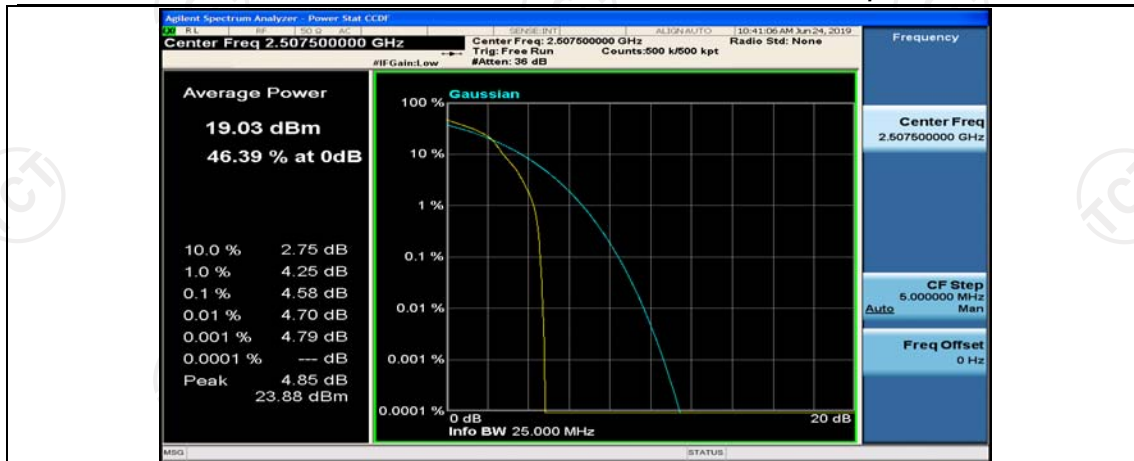
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



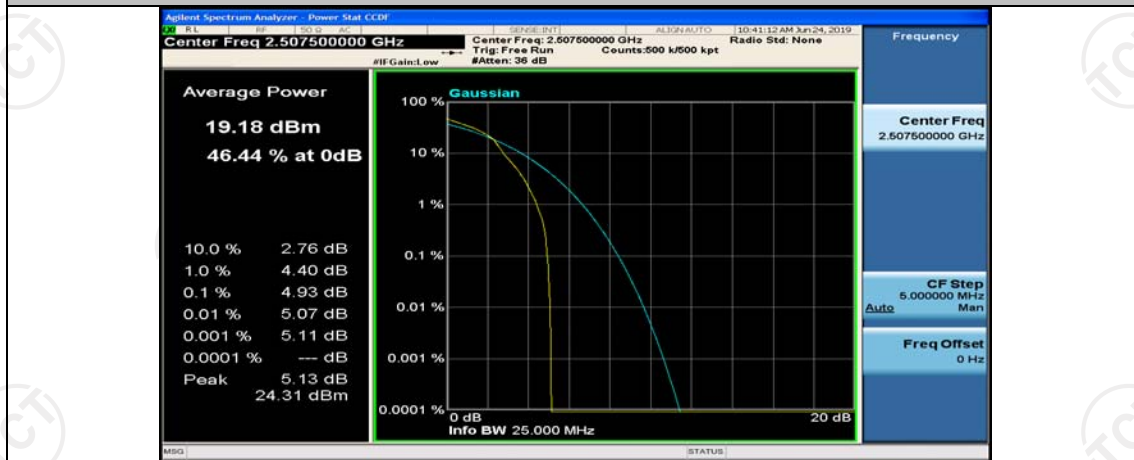
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



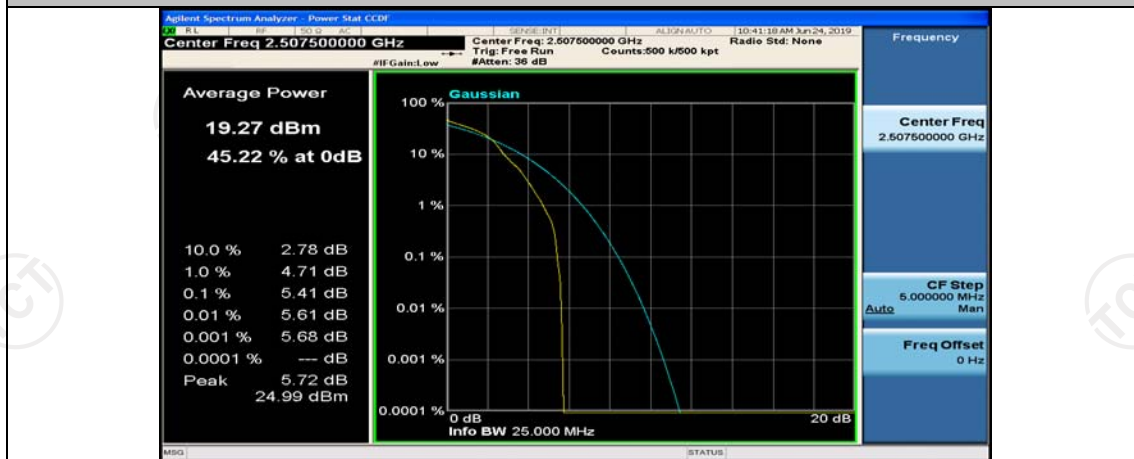
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



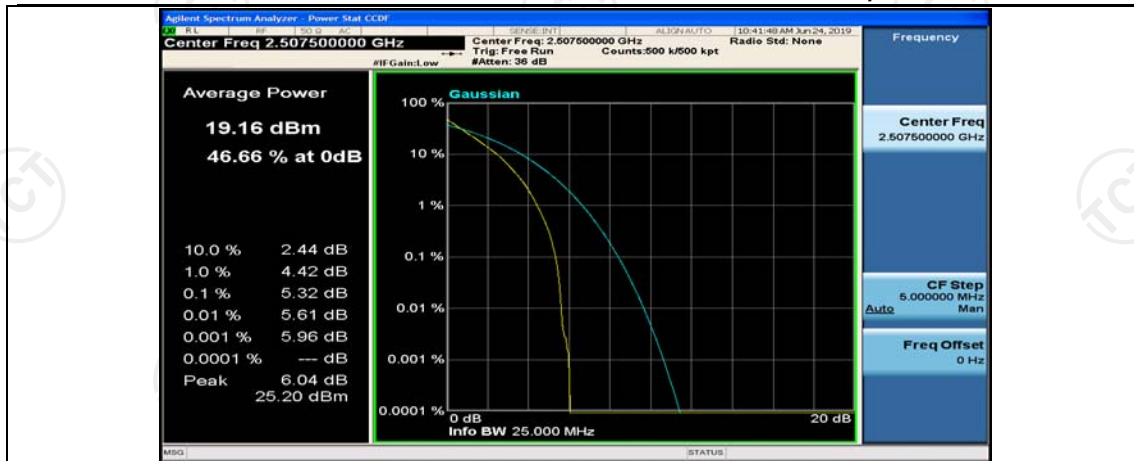
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



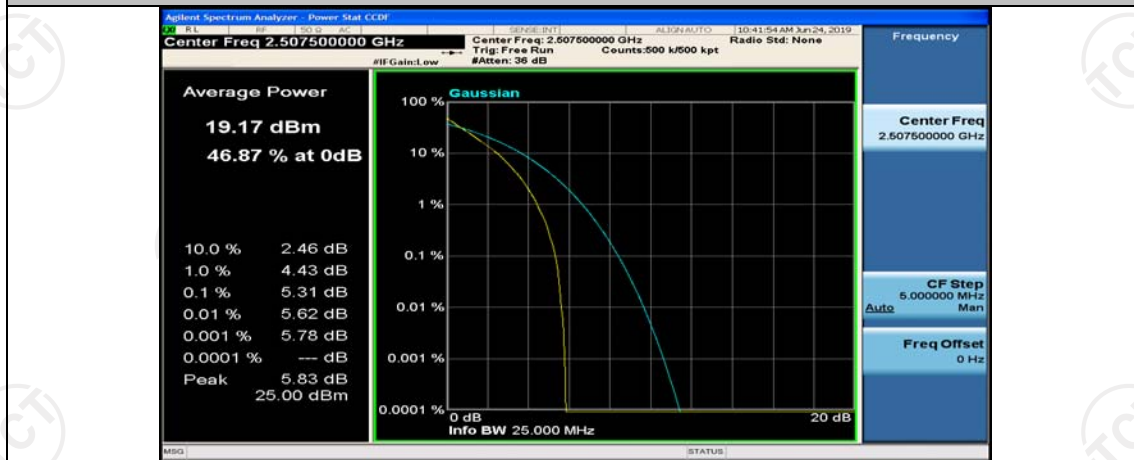
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



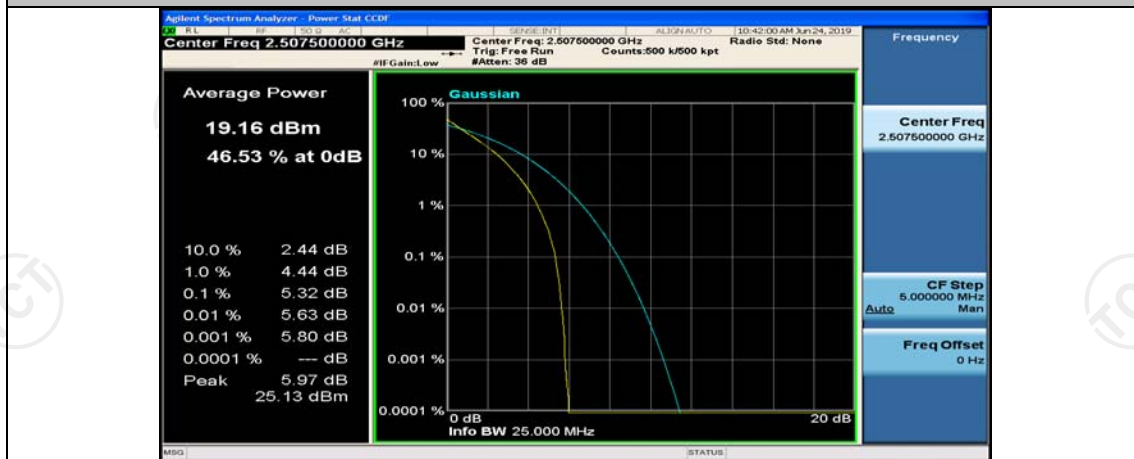
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



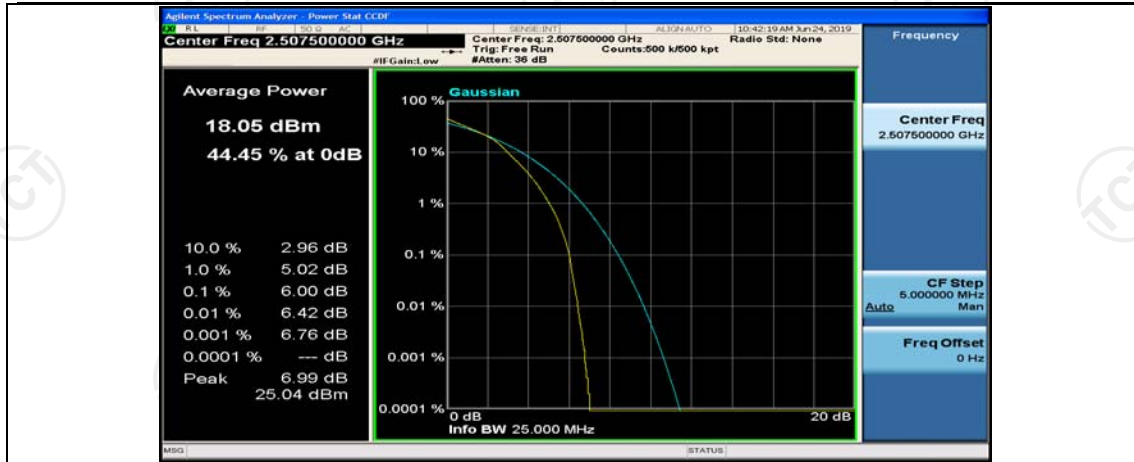
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



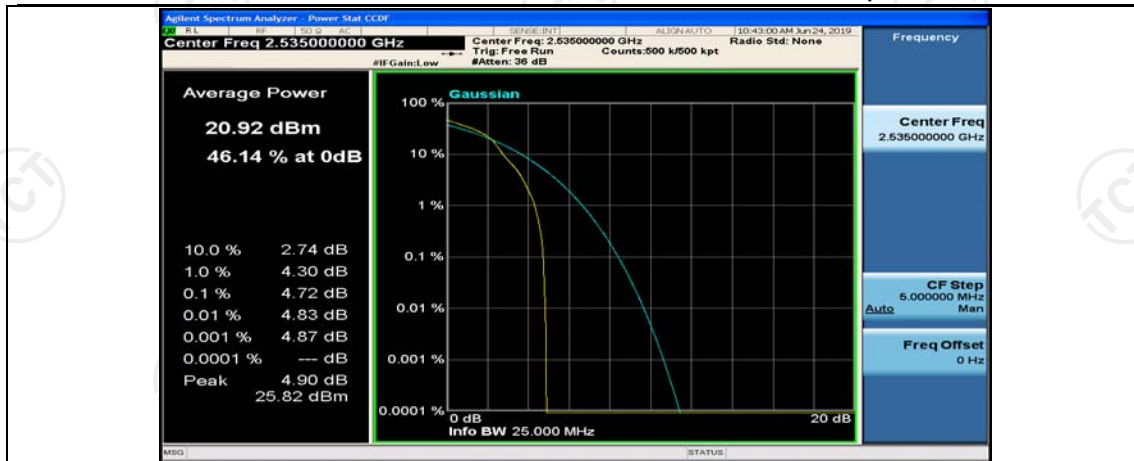
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



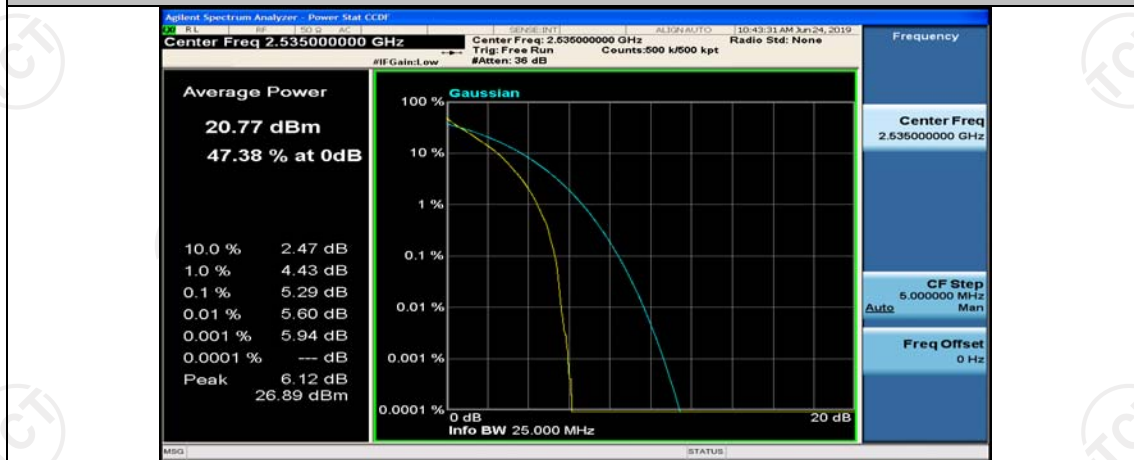
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



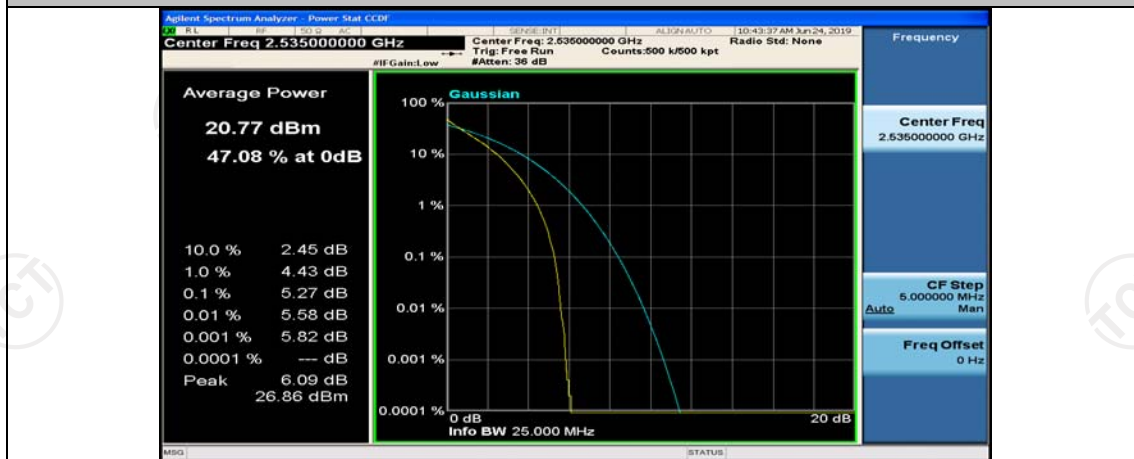
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



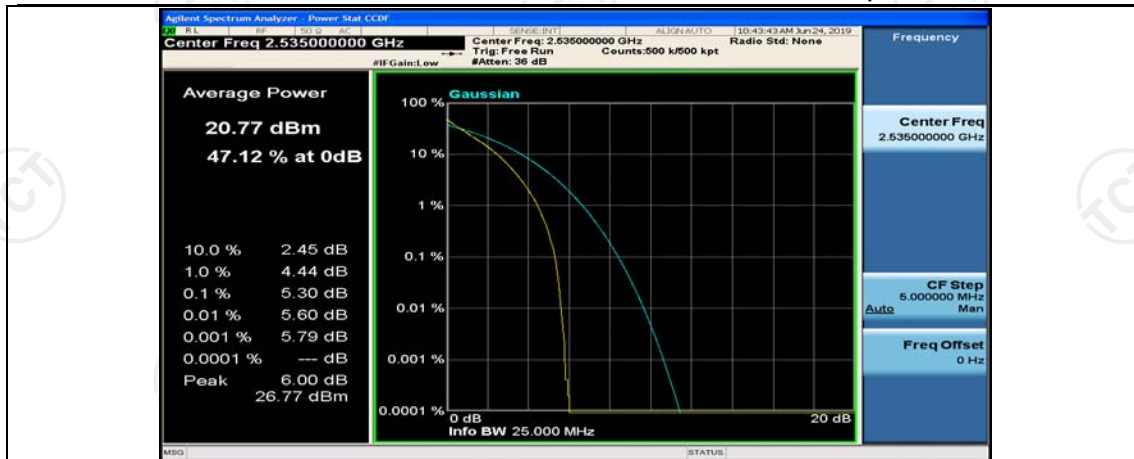
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



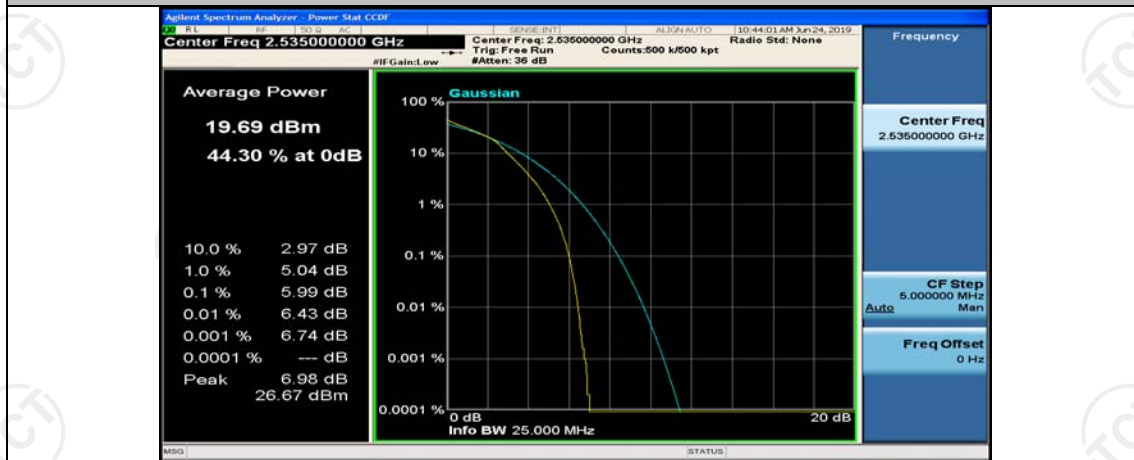
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



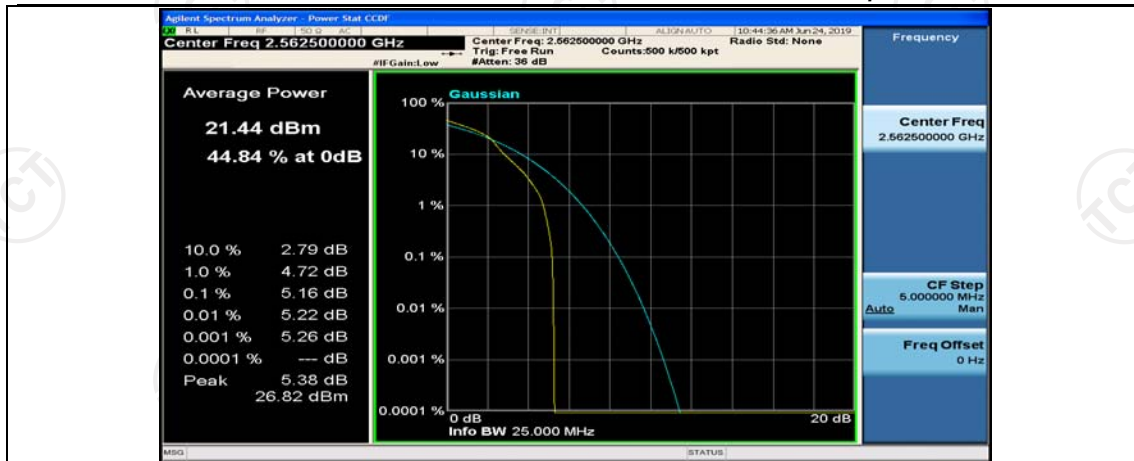
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



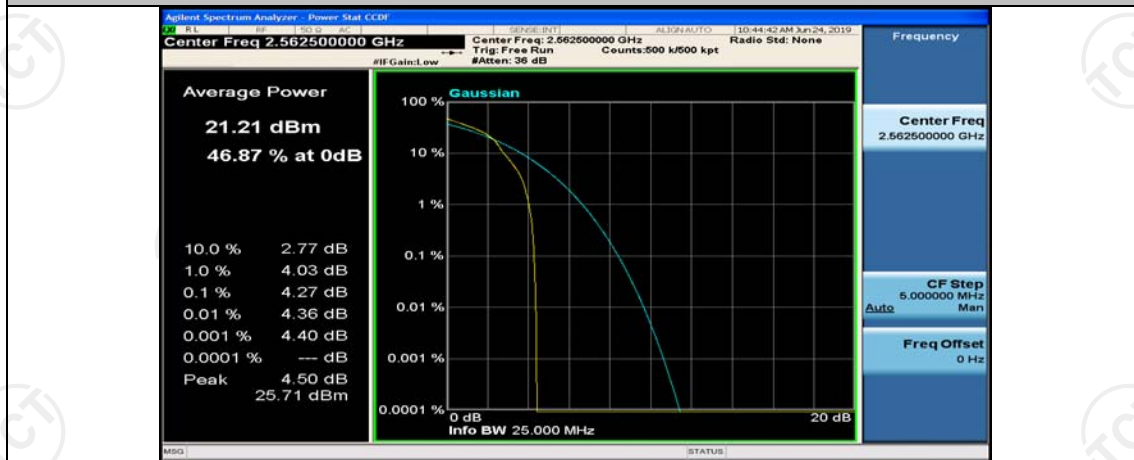
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



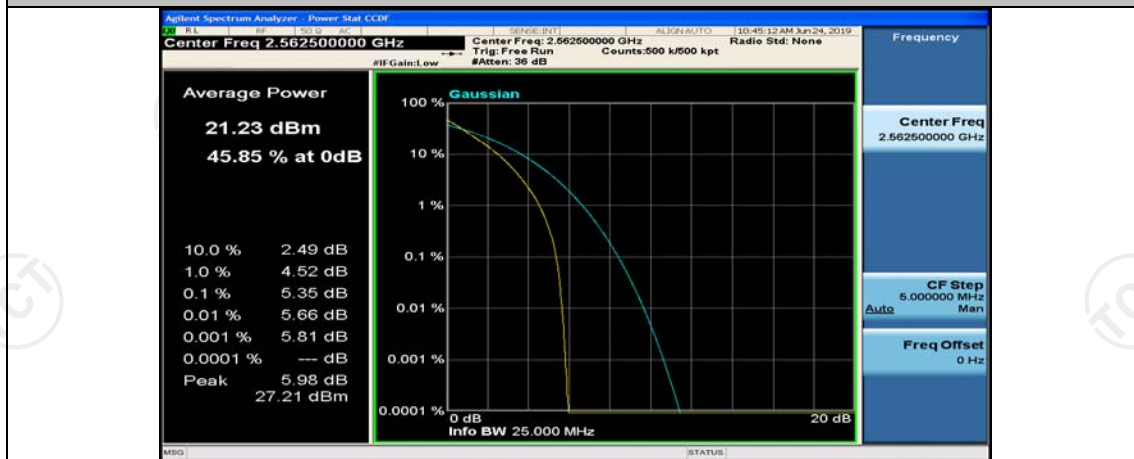
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



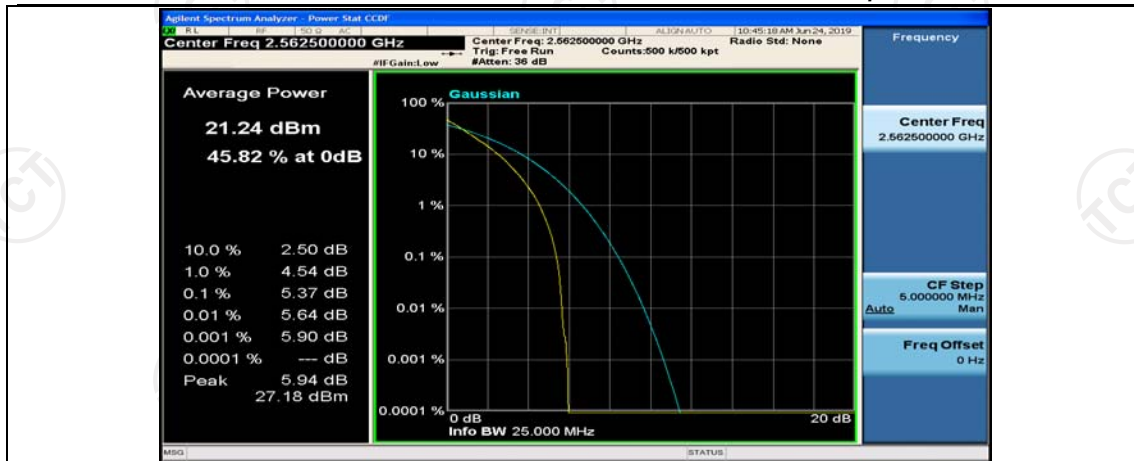
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



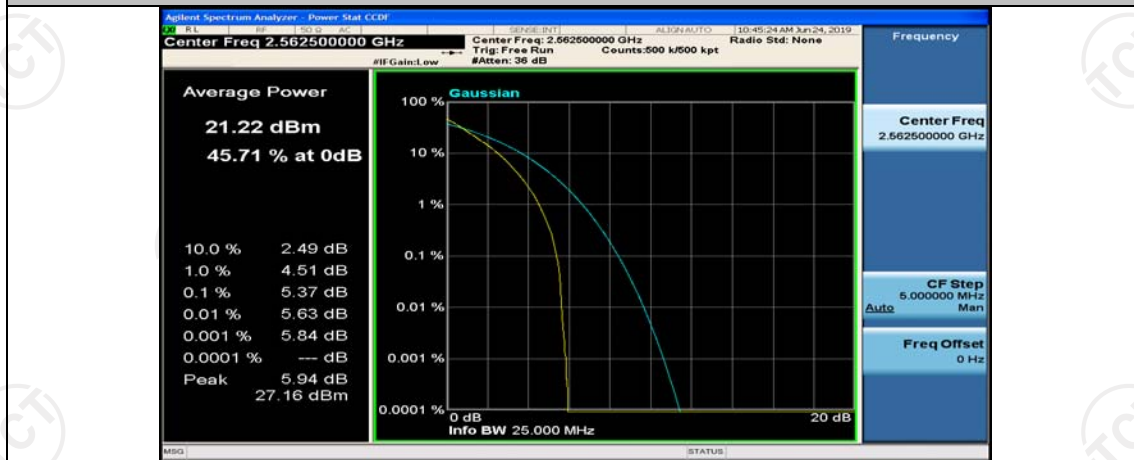
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



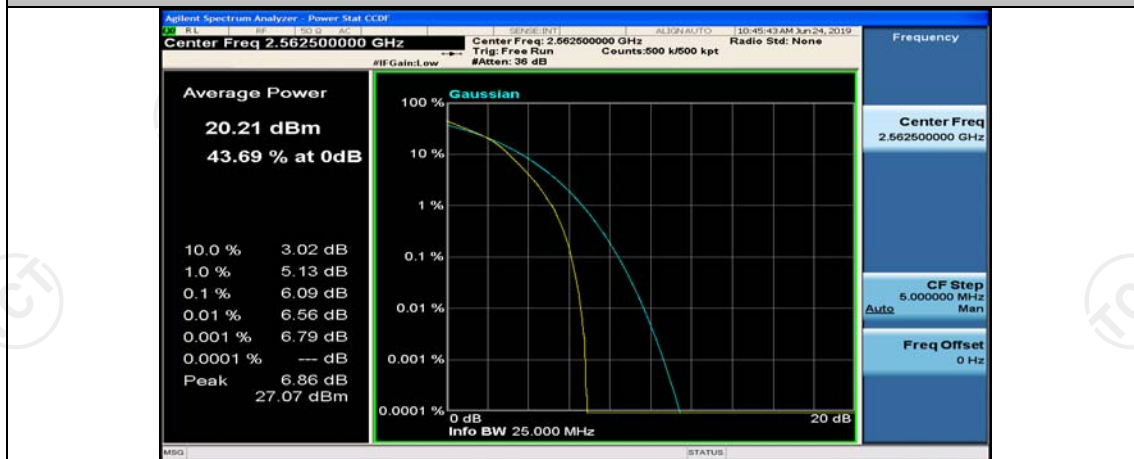
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38

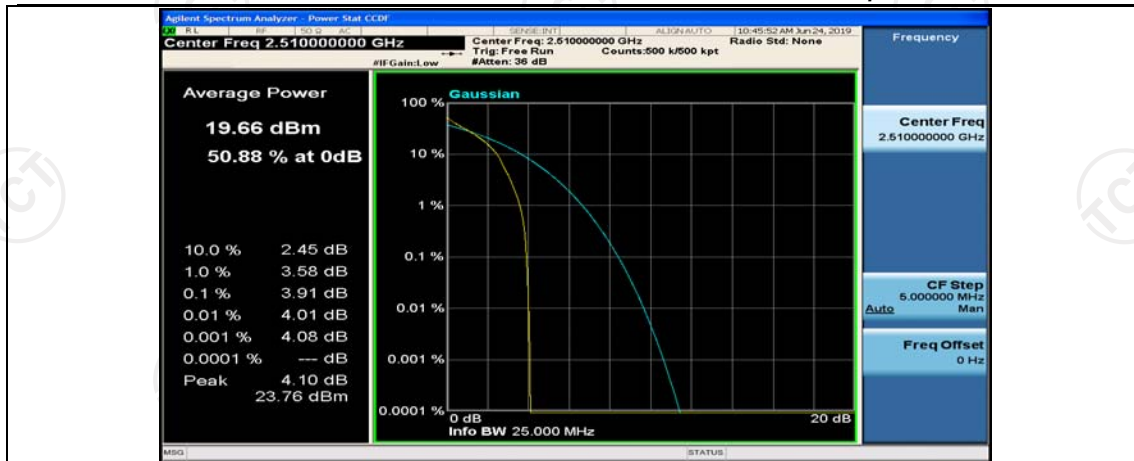


(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

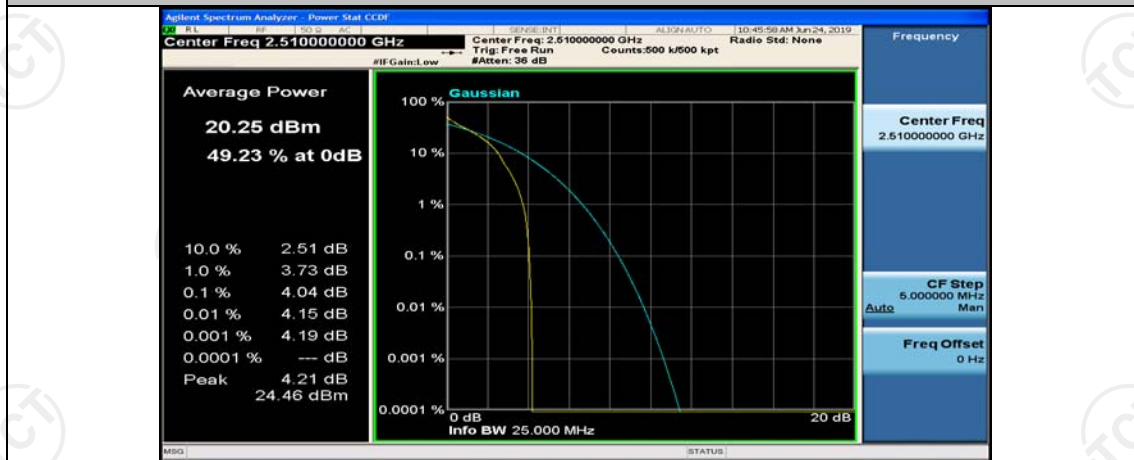


Channel Bandwidth: 20 MHz

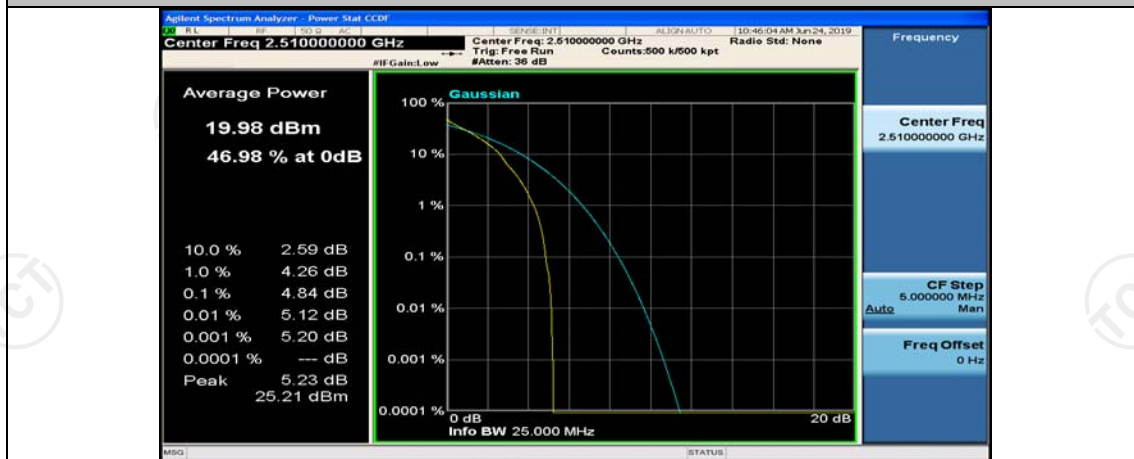
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



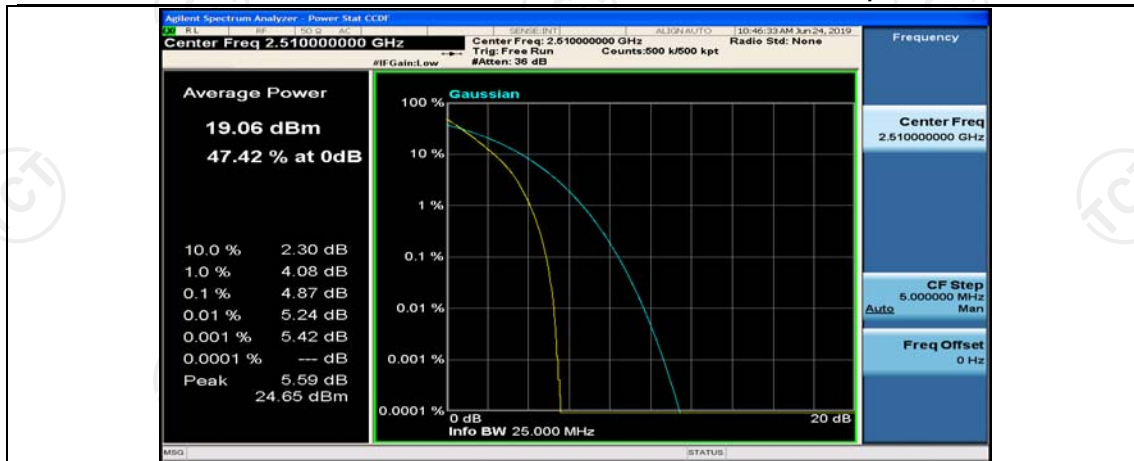
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49



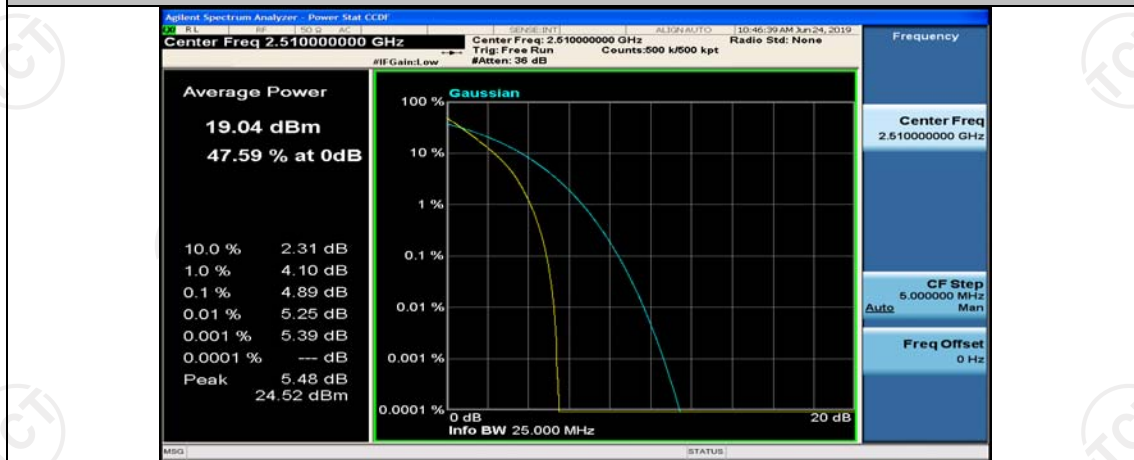
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99



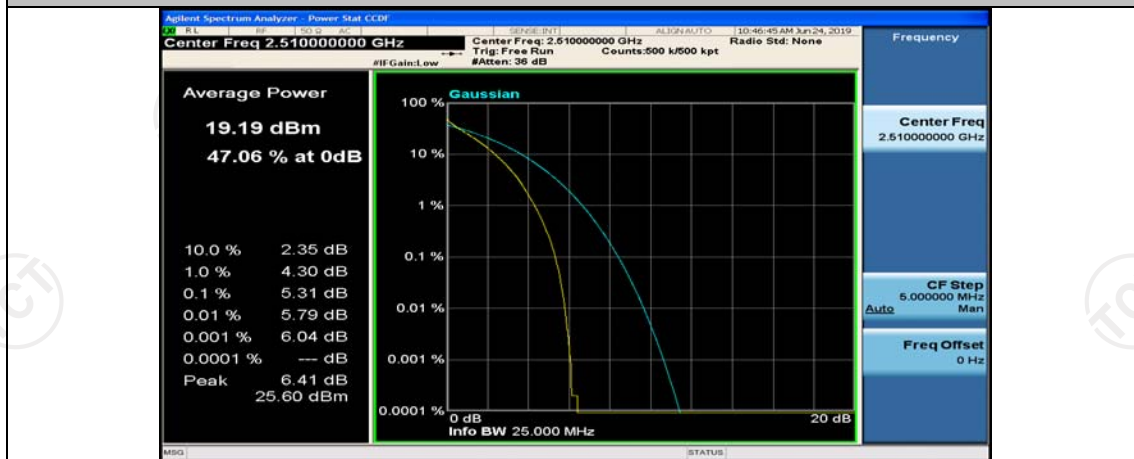
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0



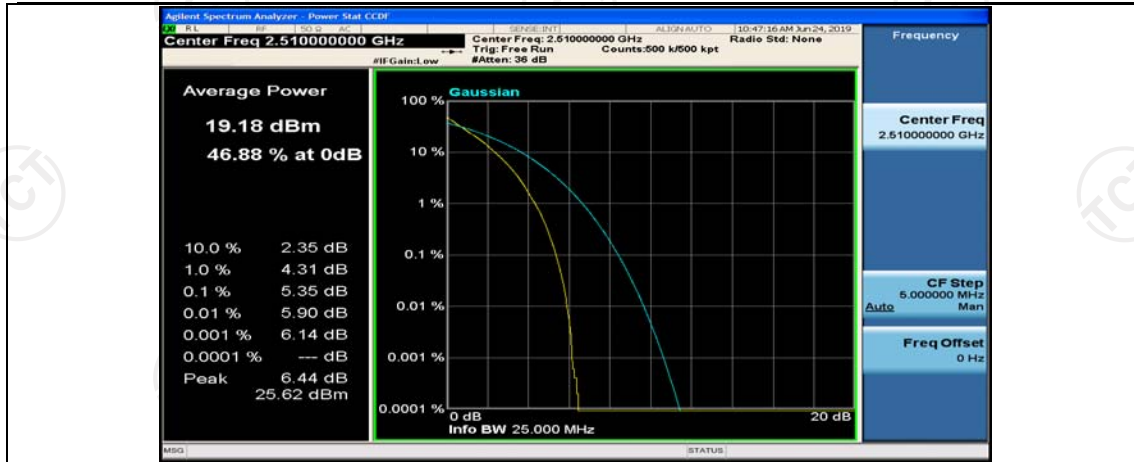
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



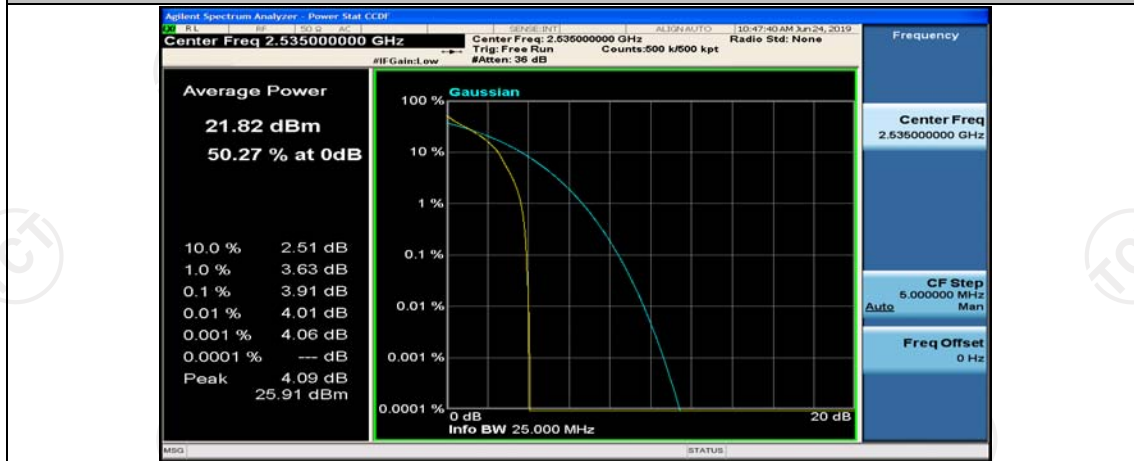
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



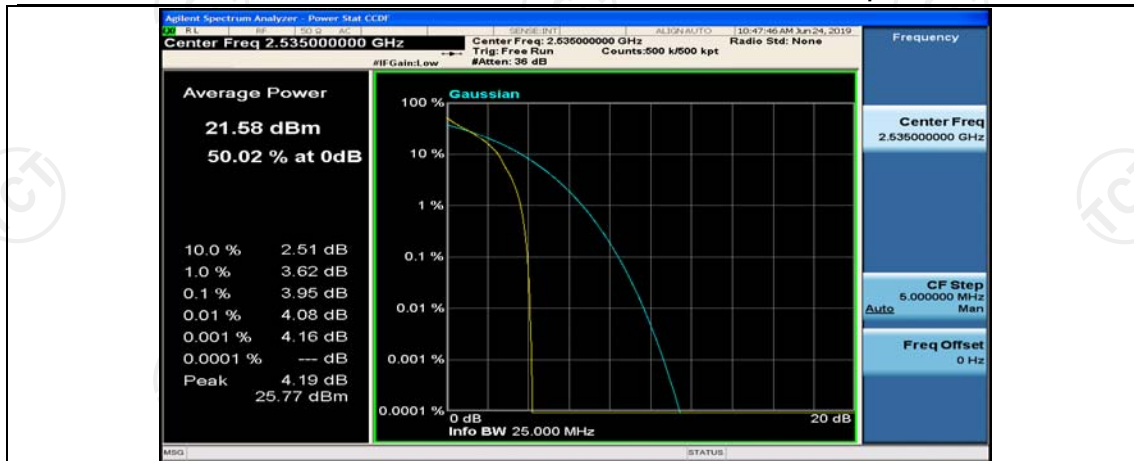
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



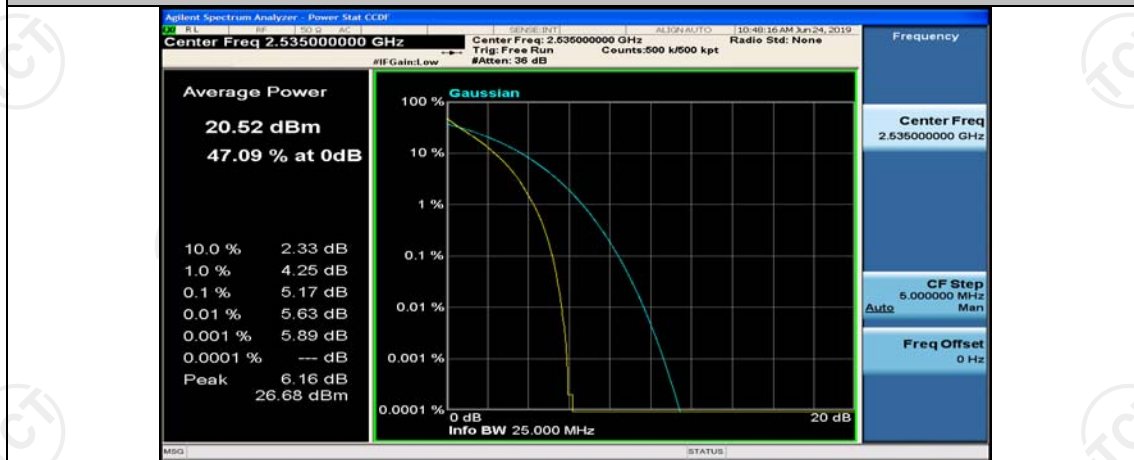
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



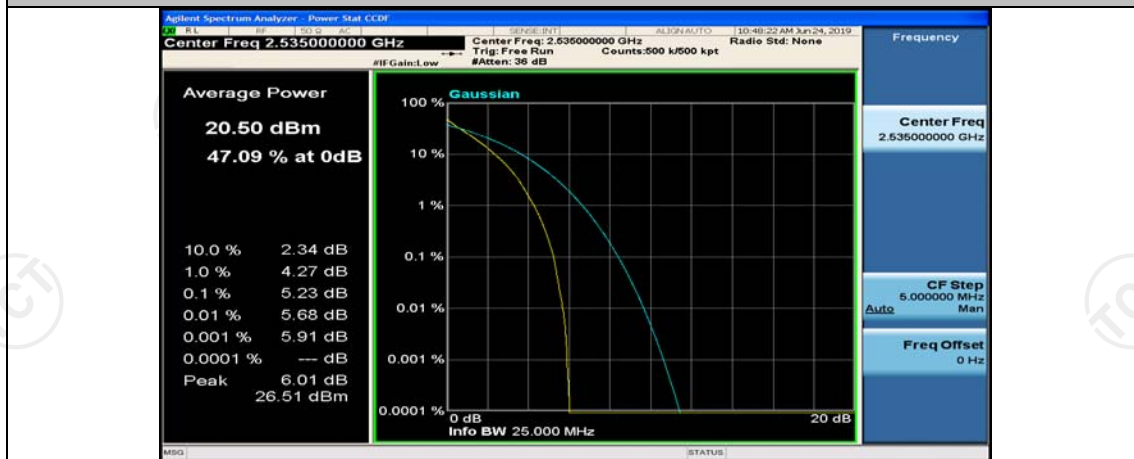
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99



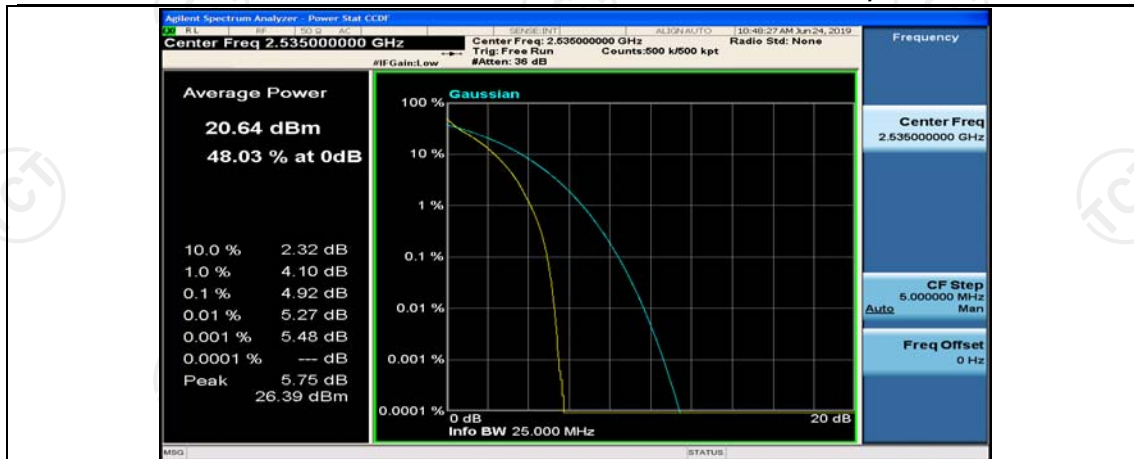
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0



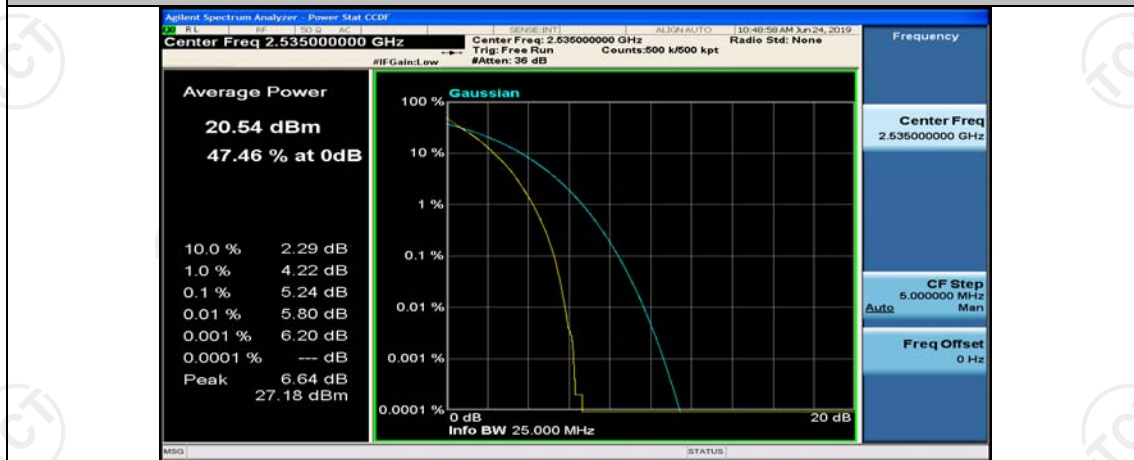
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25



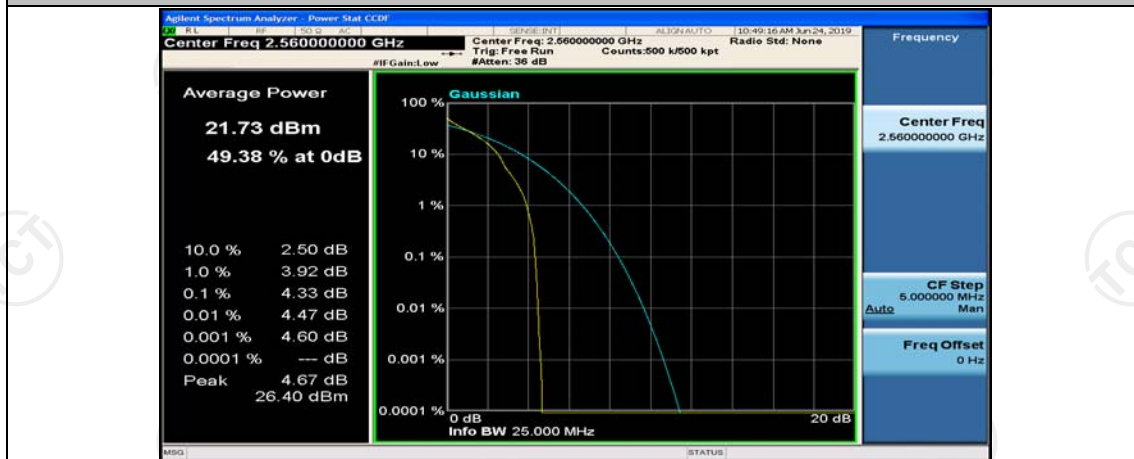
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50



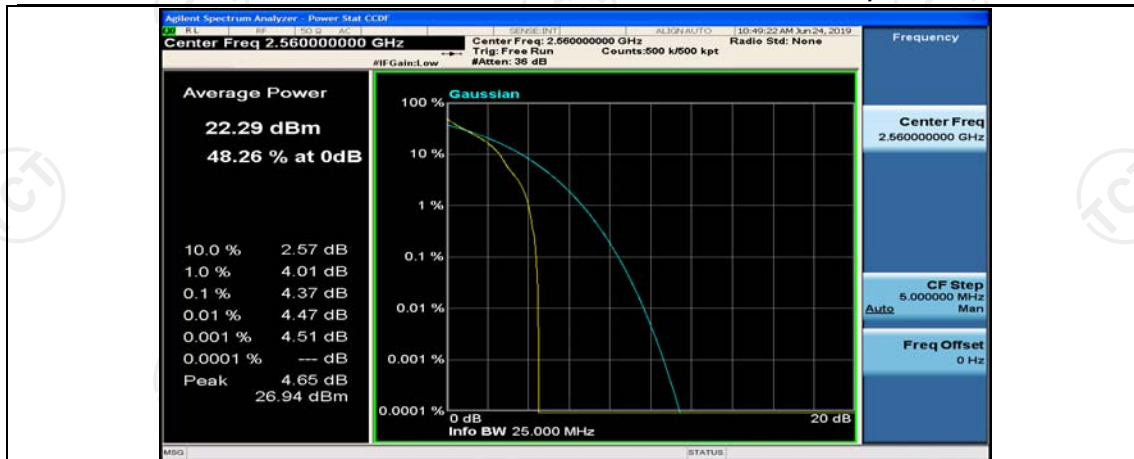
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



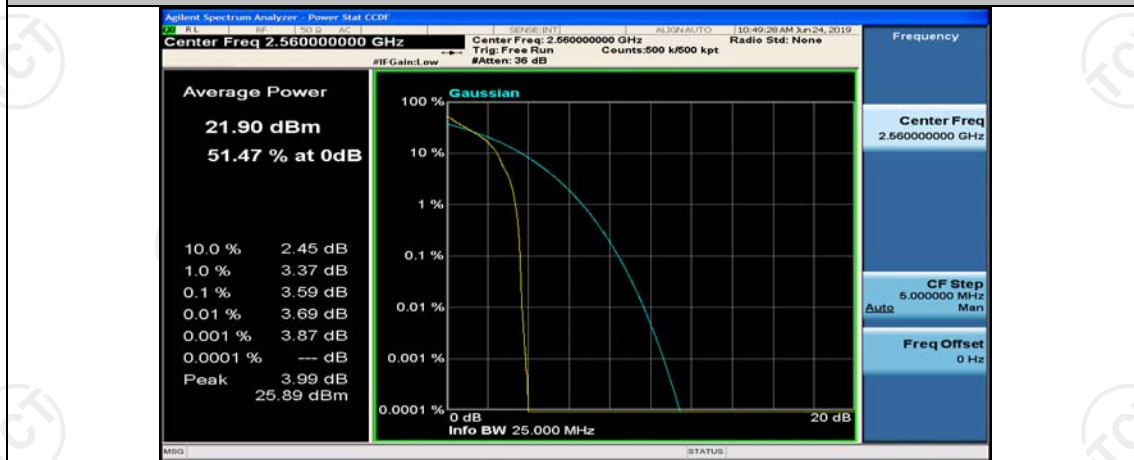
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



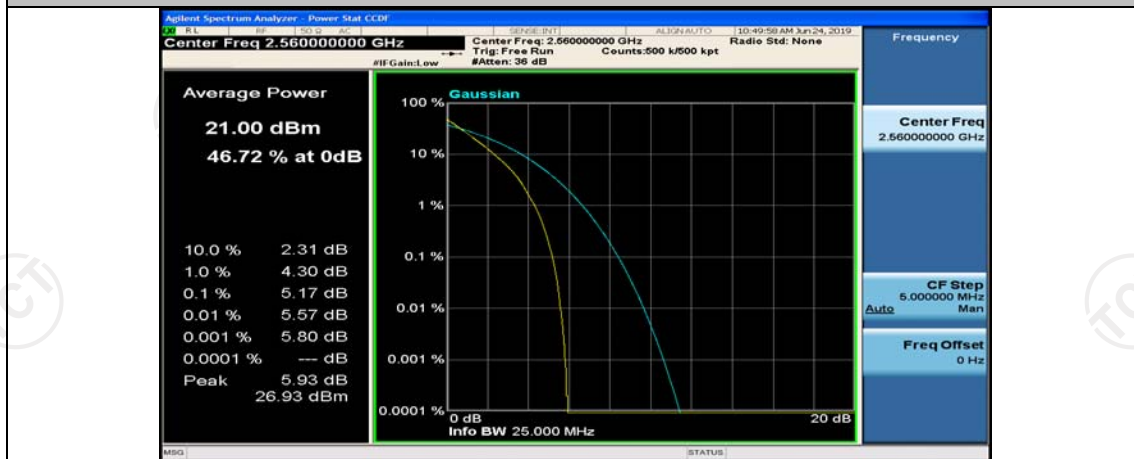
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49



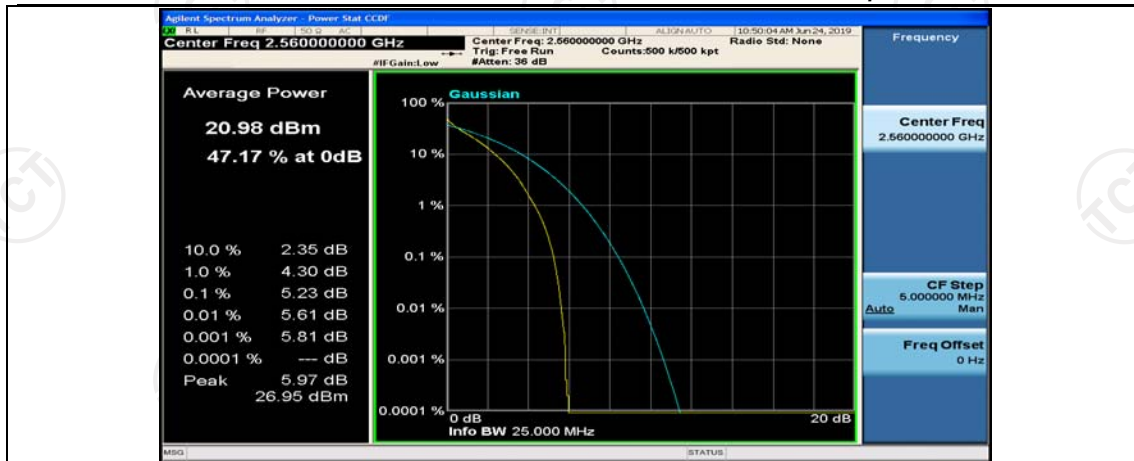
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99



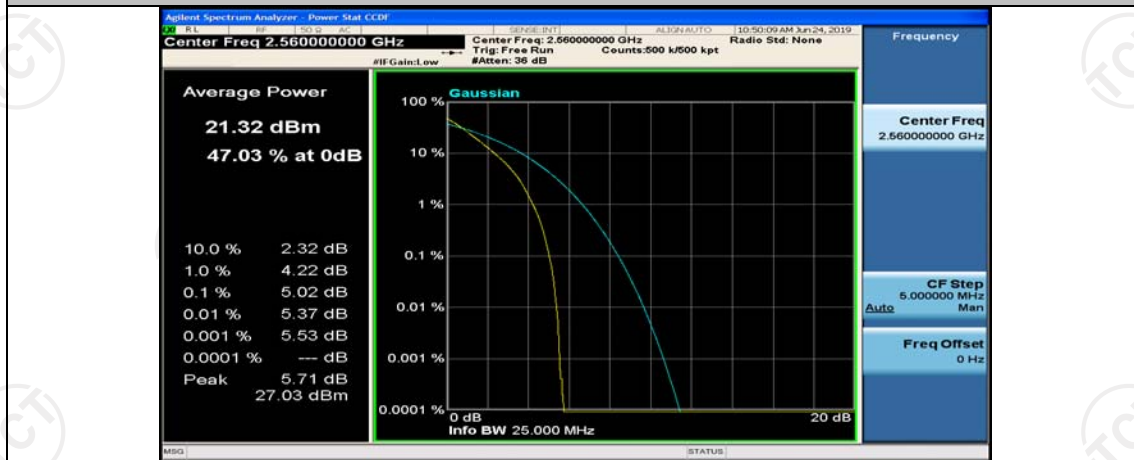
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0



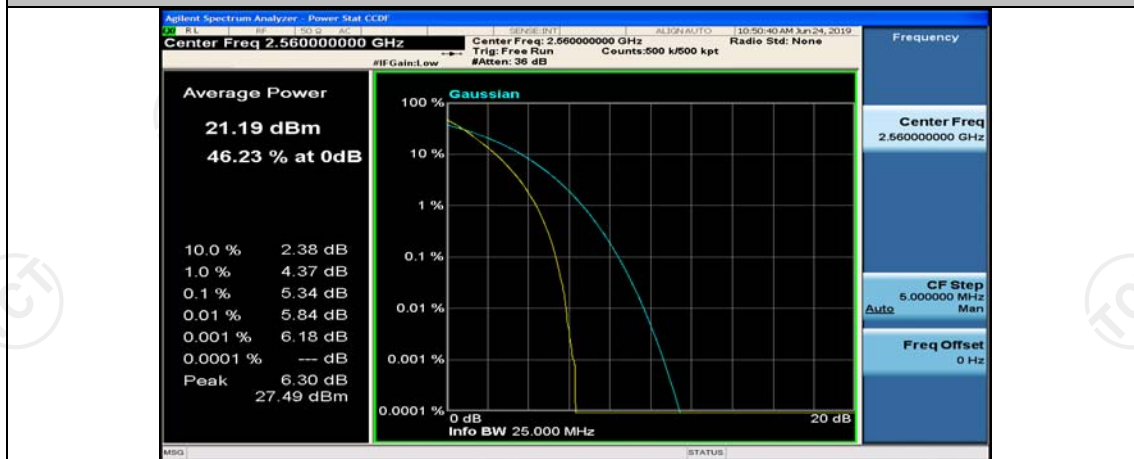
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25



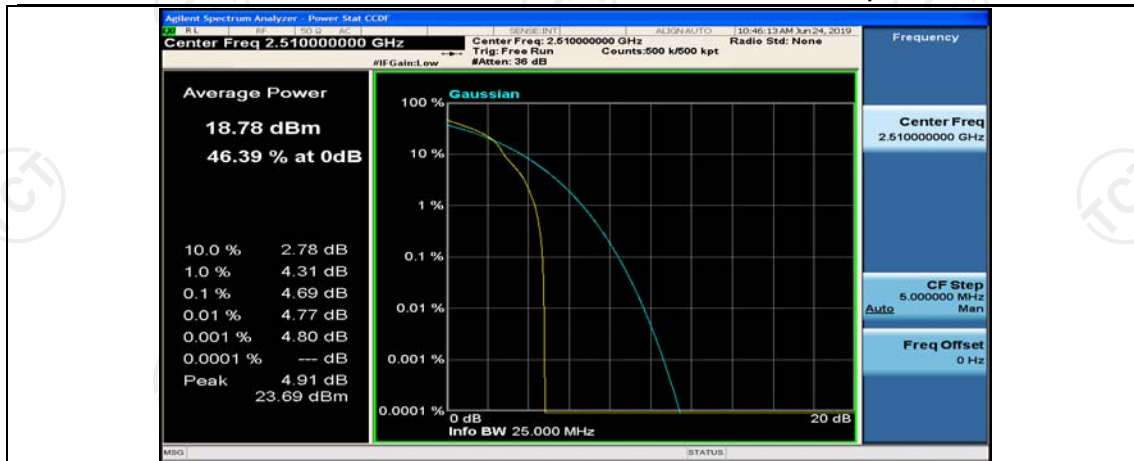
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50



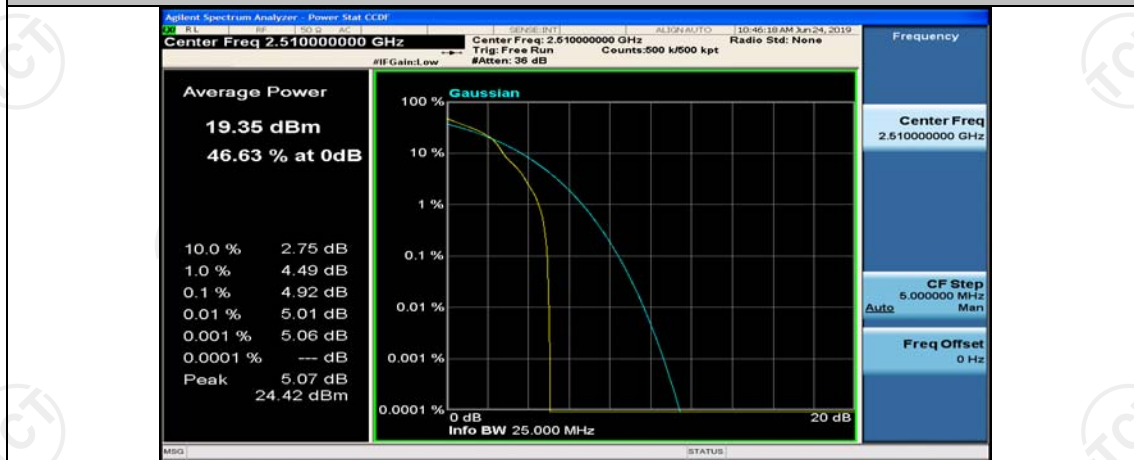
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



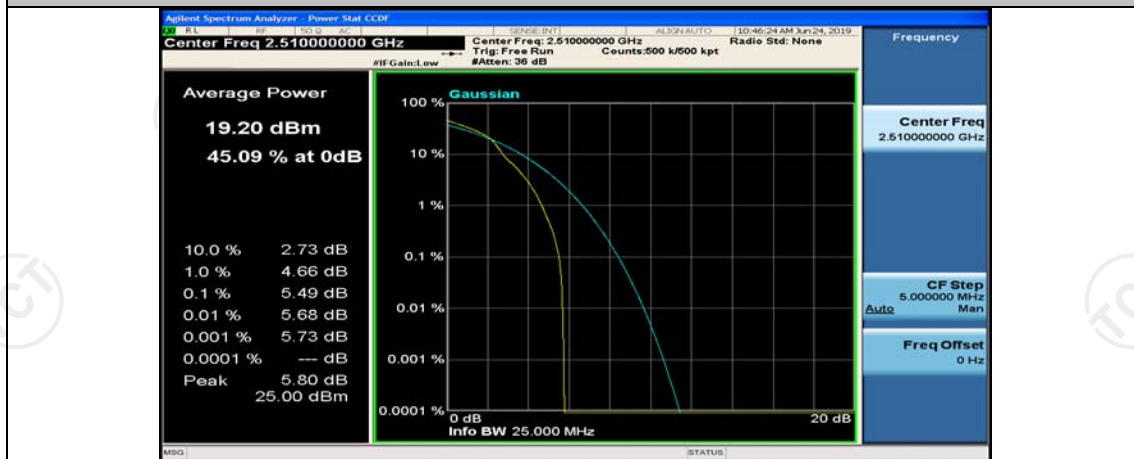
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



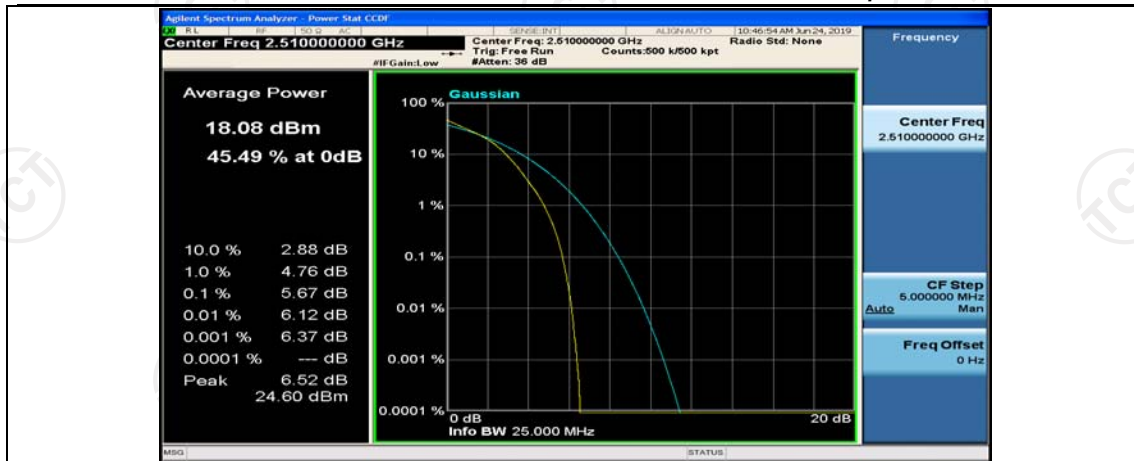
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



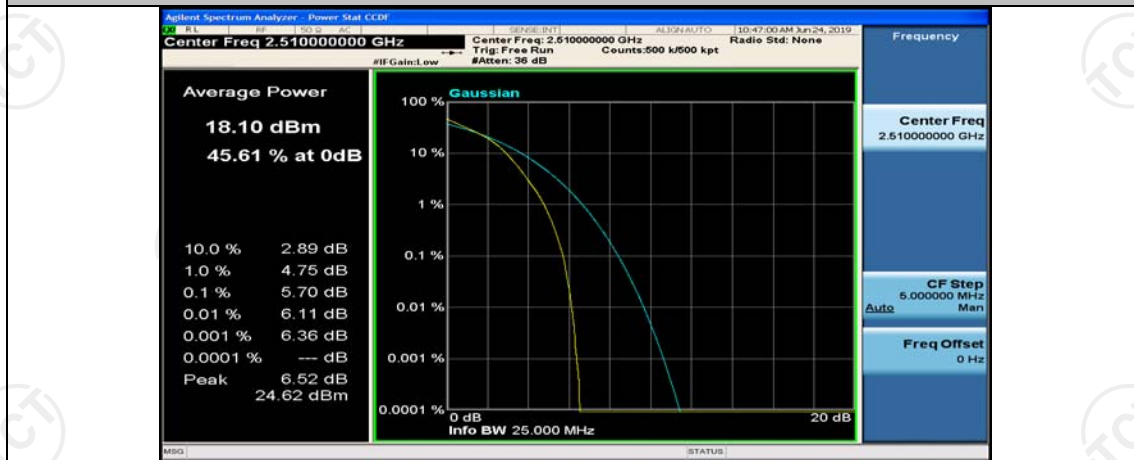
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99



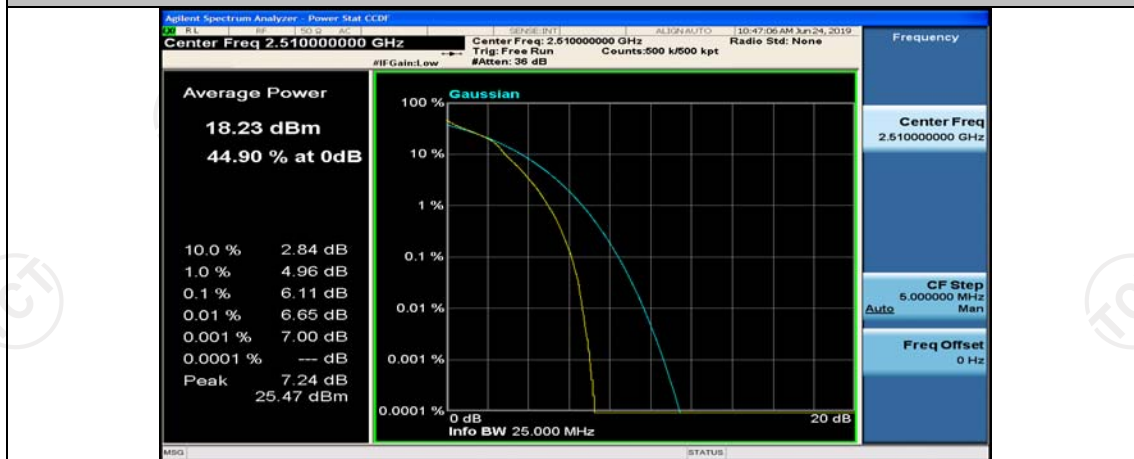
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0



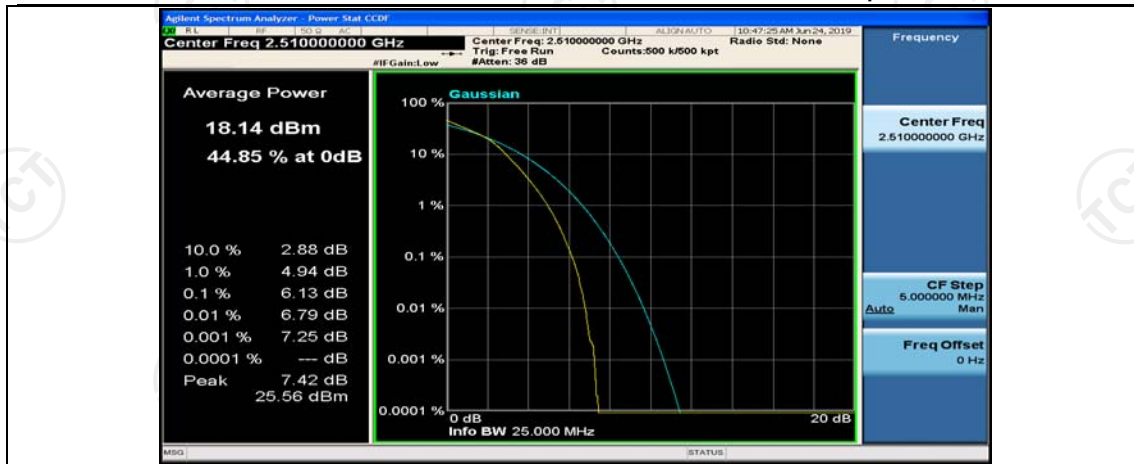
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25



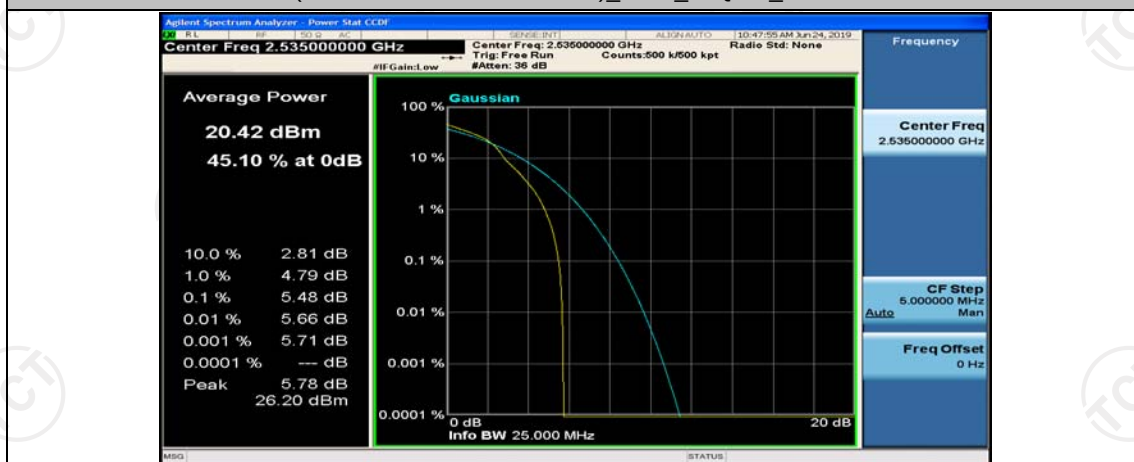
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50



(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



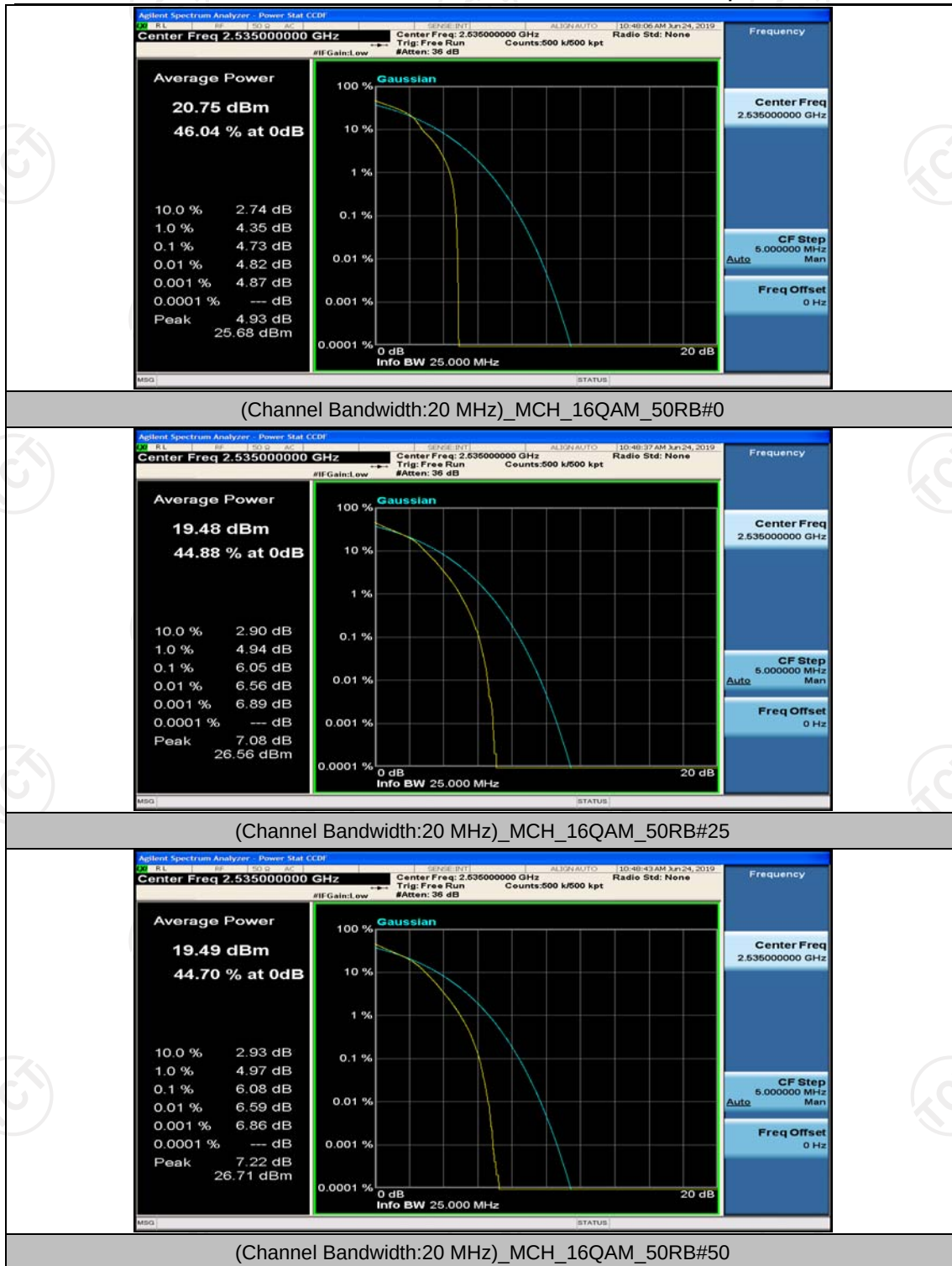
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

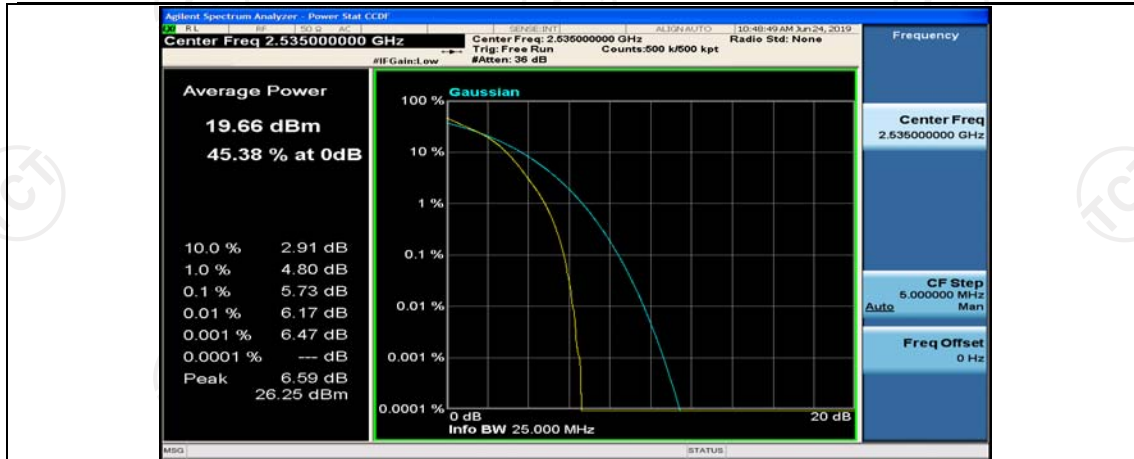


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

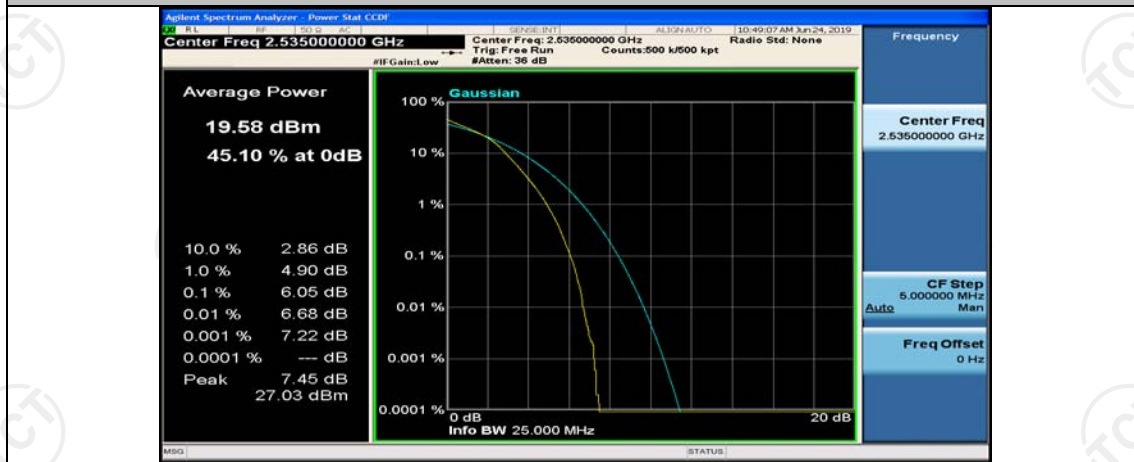


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99





(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



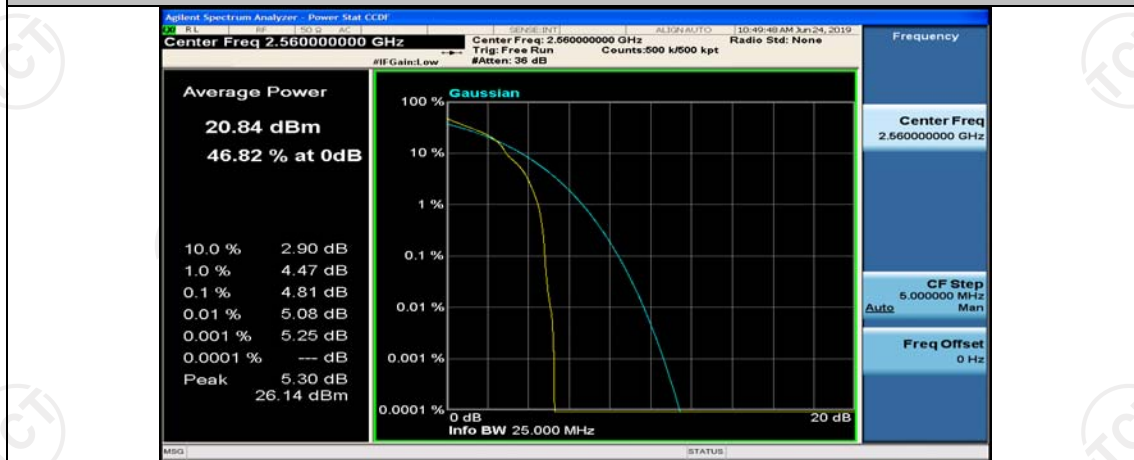
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



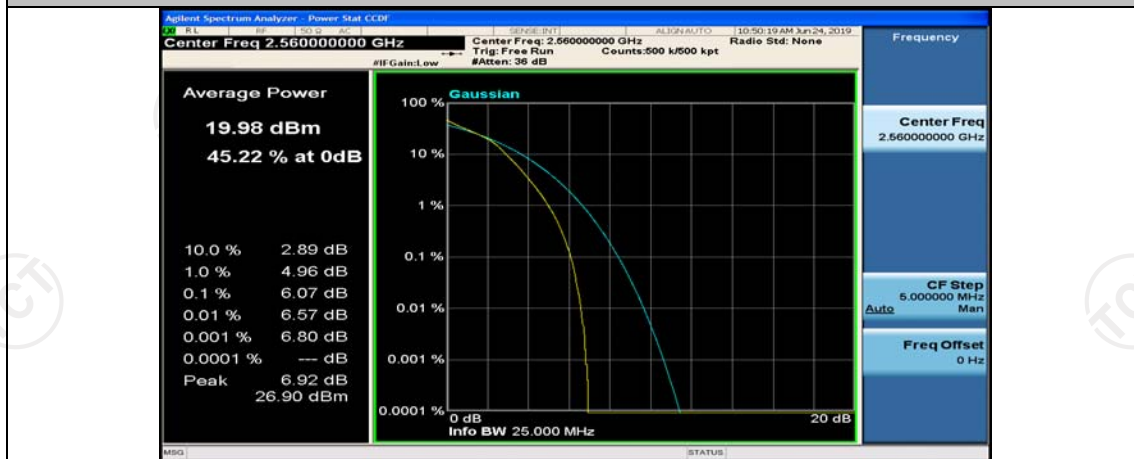
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



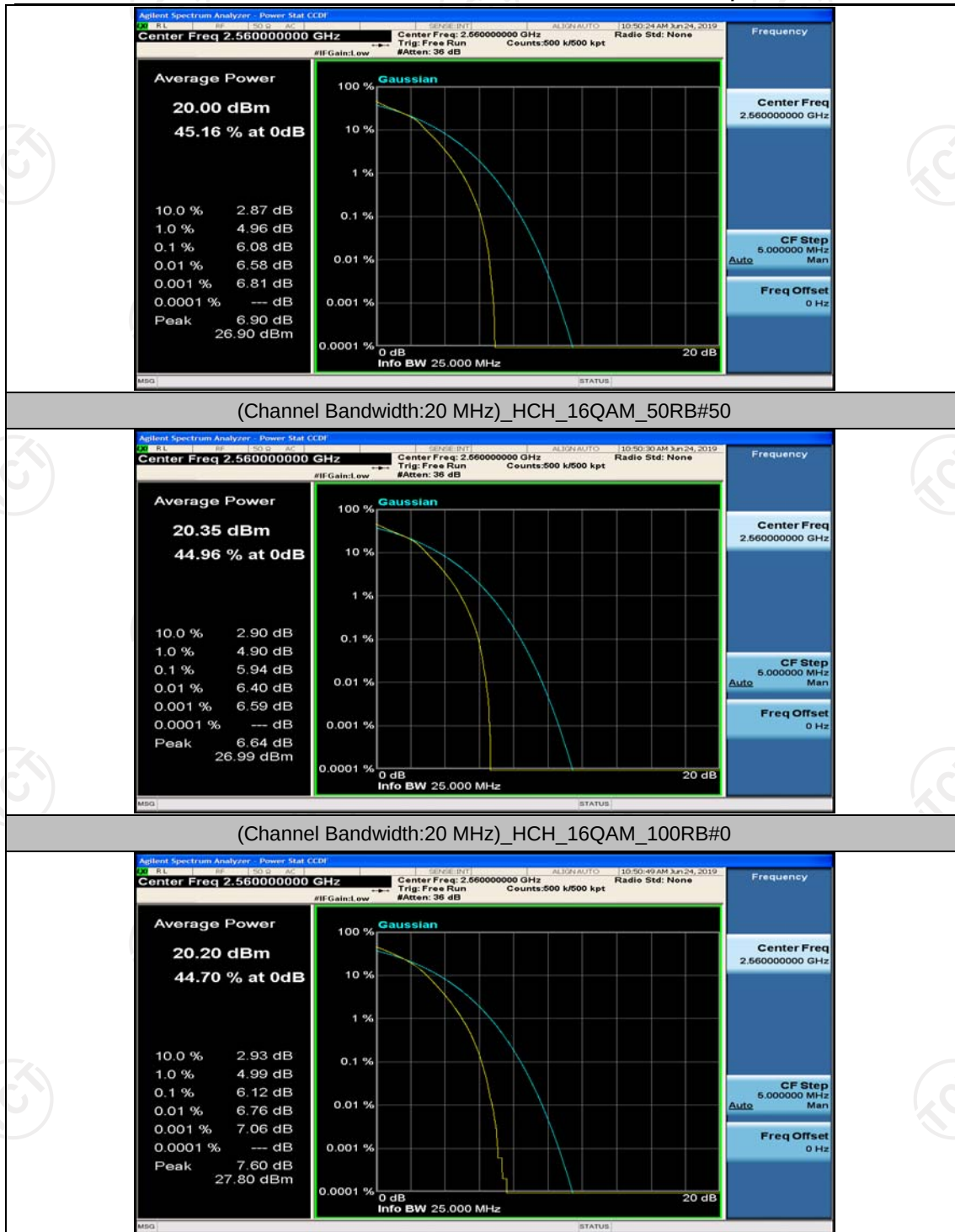
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.37202	0.5463	PASS
		1	12	0.35757	0.6232	PASS
		1	24	0.39417	0.5880	PASS
		12	0	2.1748	2.528	PASS
		12	6	2.1770	2.567	PASS
		12	13	2.1763	2.616	PASS
		25	0	4.4748	4.759	PASS
	MCH	1	0	0.37468	0.5643	PASS
		1	12	0.35371	0.6144	PASS
		1	24	0.37777	0.5926	PASS
		12	0	2.1740	2.548	PASS
		12	6	2.1784	2.559	PASS
		12	13	2.1750	2.497	PASS
		25	0	4.4700	4.756	PASS
	HCH	1	0	0.37415	0.5241	PASS
		1	12	0.35707	0.5880	PASS
		1	24	0.38459	0.6061	PASS
		12	0	2.1768	2.548	PASS
		12	6	2.1736	2.539	PASS
		12	13	2.1799	2.504	PASS
		25	0	4.4677	4.730	PASS
16QAM	LCH	1	0	0.38957	0.5827	PASS
		1	12	0.38340	0.5667	PASS
		1	24	0.37926	0.5587	PASS
		12	0	2.1731	2.513	PASS
		12	6	2.1803	2.498	PASS
		12	13	2.1800	2.515	PASS
		25	0	4.4729	4.725	PASS
	MCH	1	0	0.38474	0.5761	PASS

		1	12	0.38251	0.6329	PASS
		1	24	0.38786	0.6257	PASS
		12	0	2.1779	2.524	PASS
		12	6	2.1802	2.539	PASS
		12	13	2.1821	2.539	PASS
		25	0	4.4726	4.727	PASS
	HCH	1	0	0.37108	0.5304	PASS
		1	12	0.35196	0.5423	PASS
		1	24	0.36014	0.5473	PASS
		12	0	2.1706	2.469	PASS
		12	6	2.1701	2.478	PASS
		12	13	2.1694	2.510	PASS
		25	0	4.4726	4.767	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.47736	0.6926	PASS
		1	25	0.44576	0.6982	PASS
		1	49	0.47577	0.6848	PASS
		25	0	4.5059	4.952	PASS
		25	12	4.5091	4.950	PASS
		25	25	4.5281	4.971	PASS
		50	0	8.9540	9.382	PASS
	MCH	1	0	0.49478	0.6701	PASS
		1	25	0.45501	0.7361	PASS
		1	49	0.49130	0.7097	PASS
		25	0	4.5149	4.919	PASS
		25	12	4.5160	4.924	PASS
		25	25	4.5060	5.001	PASS
		50	0	8.9427	9.368	PASS
	HCH	1	0	0.49416	0.7560	PASS
		1	25	0.45637	0.7436	PASS
		1	49	0.48189	0.7025	PASS
		25	0	4.5082	4.952	PASS
		25	12	4.5147	4.984	PASS
		25	25	4.4967	4.952	PASS
		50	0	8.9403	9.326	PASS
16QAM	LCH	1	0	0.48120	0.7219	PASS
		1	25	0.44728	0.6873	PASS

		1	49	0.50716	0.6899	PASS
		25	0	4.5082	5.000	PASS
		25	12	4.5048	5.011	PASS
		25	25	4.5119	5.010	PASS
		50	0	8.9299	9.374	PASS
	MCH	1	0	0.48929	0.7093	PASS
		1	25	0.43637	0.7051	PASS
		1	49	0.51241	0.7582	PASS
		25	0	4.5114	4.994	PASS
		25	12	4.5080	4.965	PASS
		25	25	4.5124	4.914	PASS
		50	0	8.9255	9.378	PASS
	HCH	1	0	0.50809	0.8096	PASS
		1	25	0.45062	0.7223	PASS
		1	49	0.52069	0.7299	PASS
		25	0	4.5028	4.958	PASS
		25	12	4.5062	4.950	PASS
		25	25	4.5032	4.950	PASS
		50	0	8.9359	9.357	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.58726	0.8714	PASS
		1	37	0.54756	0.8721	PASS
		1	74	0.55041	0.8128	PASS
		37	0	13.408	14.09	PASS
		37	18	13.415	14.09	PASS
		37	38	13.411	14.04	PASS
		75	0	13.416	14.02	PASS
	MCH	1	0	0.57017	0.8670	PASS
		1	37	0.53931	0.8599	PASS
		1	74	0.54650	0.7951	PASS
		37	0	13.392	14.04	PASS
		37	18	13.389	14.08	PASS
		37	38	13.398	14.02	PASS
		75	0	13.404	14.09	PASS
	HCH	1	0	0.57042	0.8207	PASS
		1	37	0.53264	0.7873	PASS

16QAM		1	74	0.56348	0.7902	PASS
		37	0	13.395	13.97	PASS
		37	18	13.410	13.99	PASS
		37	38	13.397	13.94	PASS
		75	0	13.391	13.97	PASS
	LCH	1	0	0.59385	0.8754	PASS
		1	37	0.55370	0.8357	PASS
		1	74	0.55700	0.7373	PASS
		37	0	13.410	14.08	PASS
		37	18	13.416	13.96	PASS
		37	38	13.403	14.12	PASS
		75	0	13.409	13.98	PASS
	MCH	1	0	0.59462	0.8733	PASS
		1	37	0.54689	0.7949	PASS
		1	74	0.56661	0.8191	PASS
		37	0	13.392	14.06	PASS
		37	18	13.406	13.99	PASS
		37	38	13.401	14.00	PASS
		75	0	13.386	13.96	PASS
	HCH	1	0	0.58463	0.8163	PASS
		1	37	0.54307	0.8018	PASS
		1	74	0.58259	0.8075	PASS
		37	0	13.389	13.96	PASS
		37	18	13.388	13.96	PASS
		37	38	13.393	13.94	PASS
		75	0	13.394	13.97	PASS

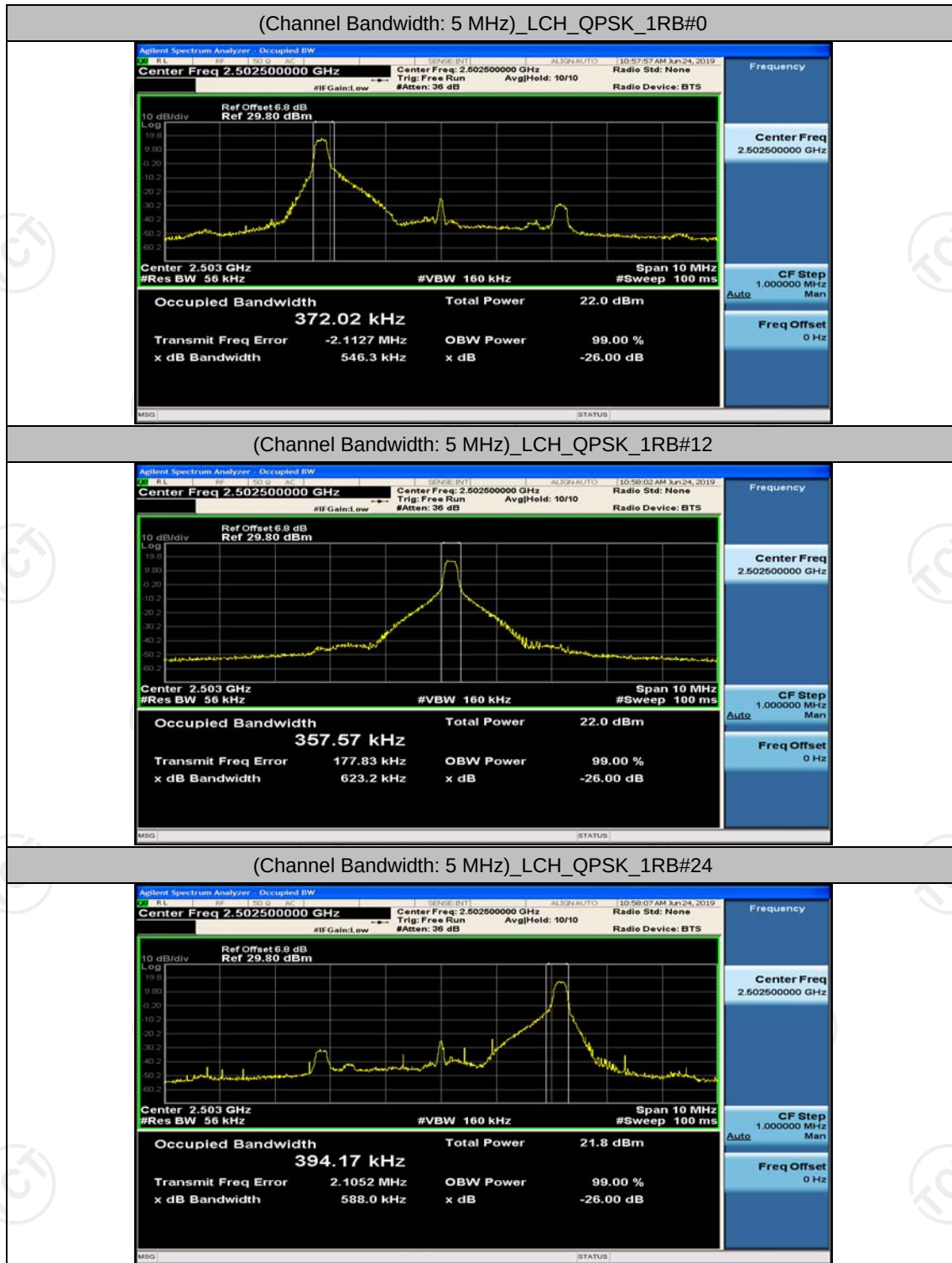
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.64413	0.9236	PASS
		1	50	0.59463	0.9097	PASS
		1	99	0.64456	0.9458	PASS
		50	0	8.9898	9.700	PASS
		50	25	8.9830	9.621	PASS
		50	50	8.9901	9.753	PASS
		100	0	17.895	18.56	PASS
	MCH	1	0	0.63766	0.9299	PASS
		1	50	0.59731	0.8583	PASS

		1	99	0.62871	0.9553	PASS
		50	0	8.9732	9.647	PASS
		50	25	8.9856	9.680	PASS
		50	50	8.9898	9.675	PASS
		100	0	17.844	18.53	PASS
	HCH	1	0	0.62038	0.8905	PASS
		1	50	0.59649	0.8376	PASS
		1	99	0.65375	0.9723	PASS
		50	0	8.9998	9.649	PASS
		50	25	8.9975	9.628	PASS
		50	50	8.9964	9.566	PASS
		100	0	17.866	18.65	PASS
16QAM	LCH	1	0	0.66268	0.9653	PASS
		1	50	0.60675	0.9605	PASS
		1	99	0.63656	0.9479	PASS
		50	0	8.9985	9.652	PASS
		50	25	8.9965	9.751	PASS
		50	50	9.0077	9.708	PASS
		100	0	17.880	18.64	PASS
	MCH	1	0	0.65301	0.9602	PASS
		1	50	0.64326	0.9475	PASS
		1	99	0.64351	0.9813	PASS
		50	0	8.9868	9.637	PASS
		50	25	8.9926	9.598	PASS
		50	50	8.9978	9.666	PASS
		100	0	17.831	18.56	PASS
	HCH	1	0	0.64846	0.8678	PASS
		1	50	0.59610	0.9025	PASS
		1	99	0.67910	0.9620	PASS
		50	0	8.9897	9.662	PASS
		50	25	9.0050	9.633	PASS
		50	50	8.9967	9.661	PASS
		100	0	17.876	18.59	PASS

Test Graphs

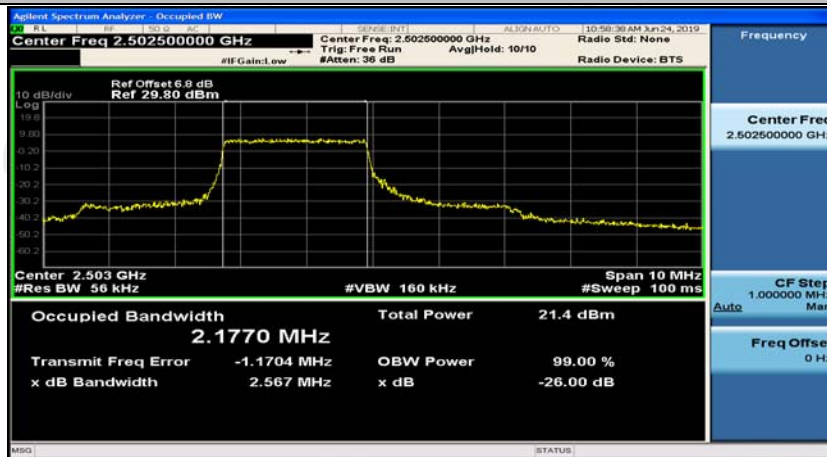
Channel Bandwidth: 5 MHz



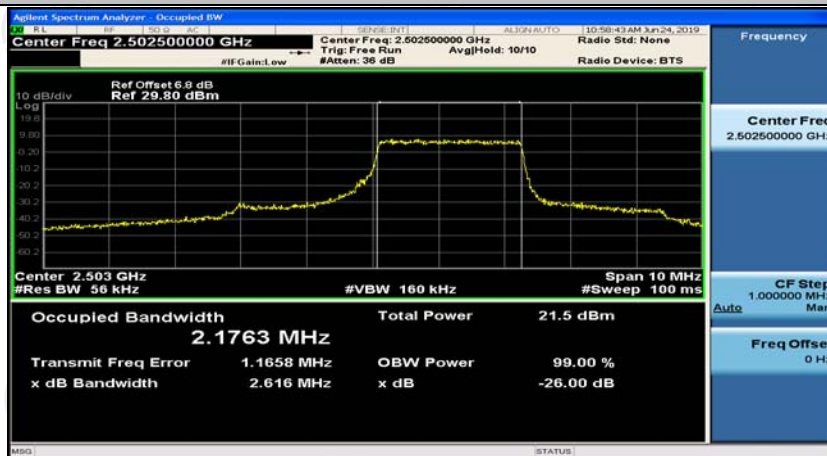
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



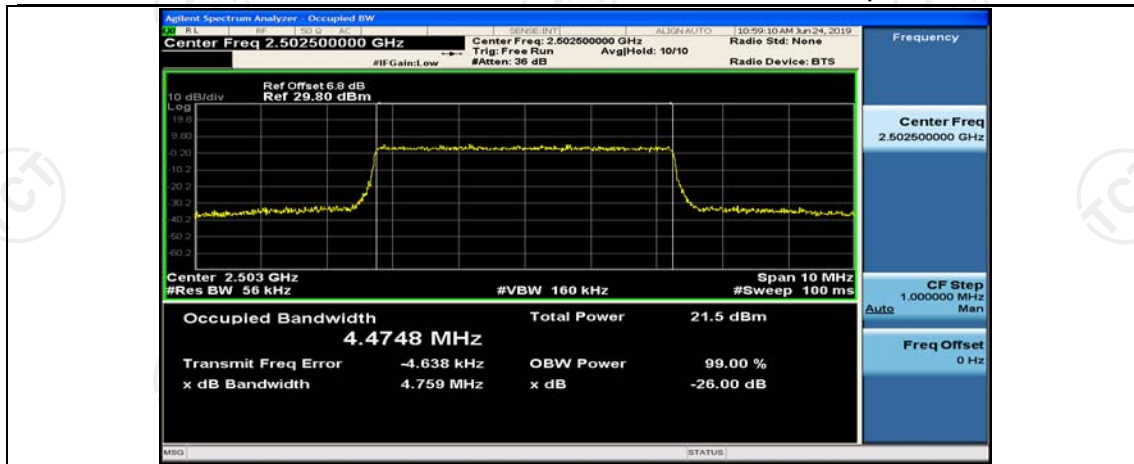
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



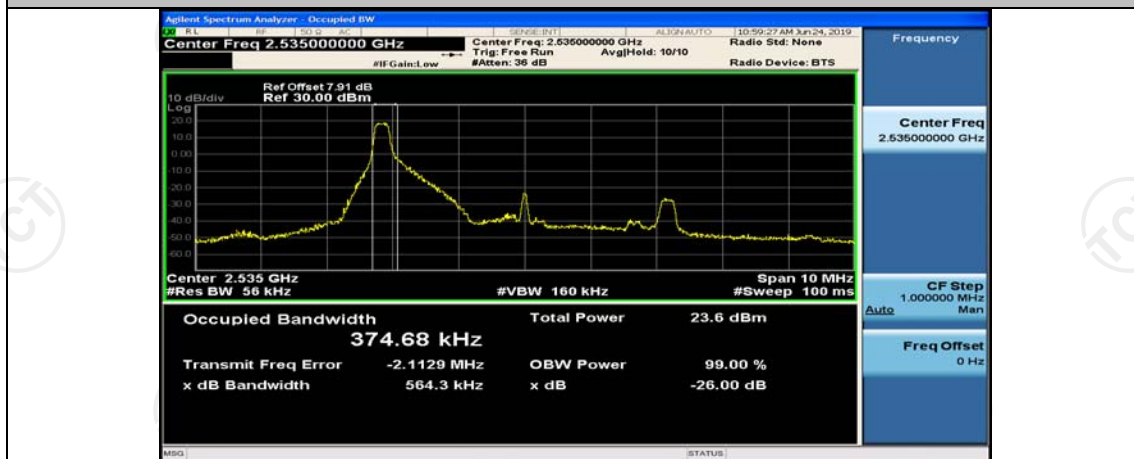
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



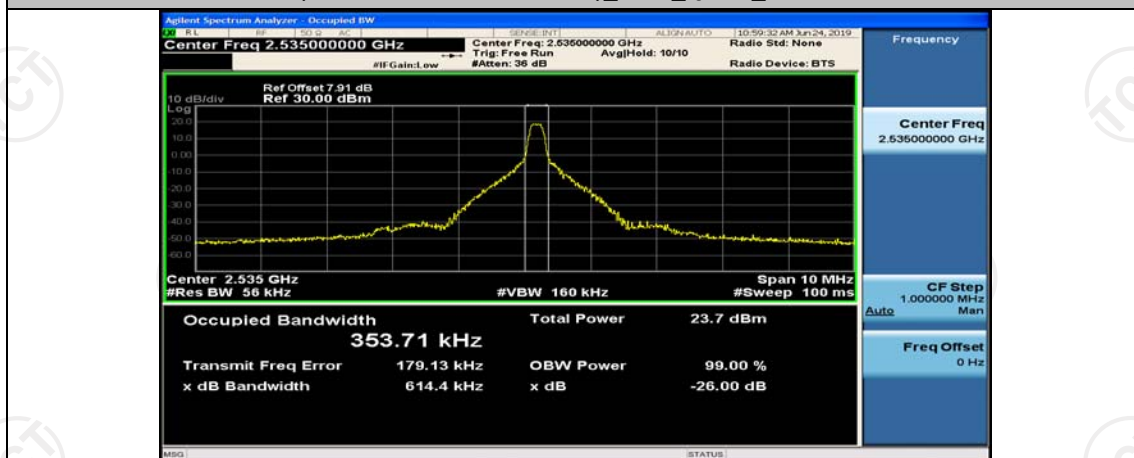
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



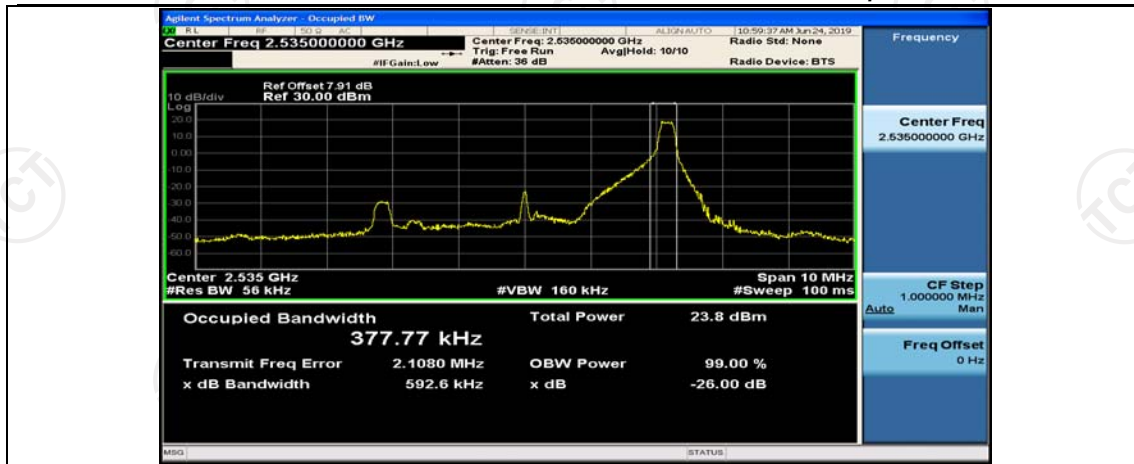
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



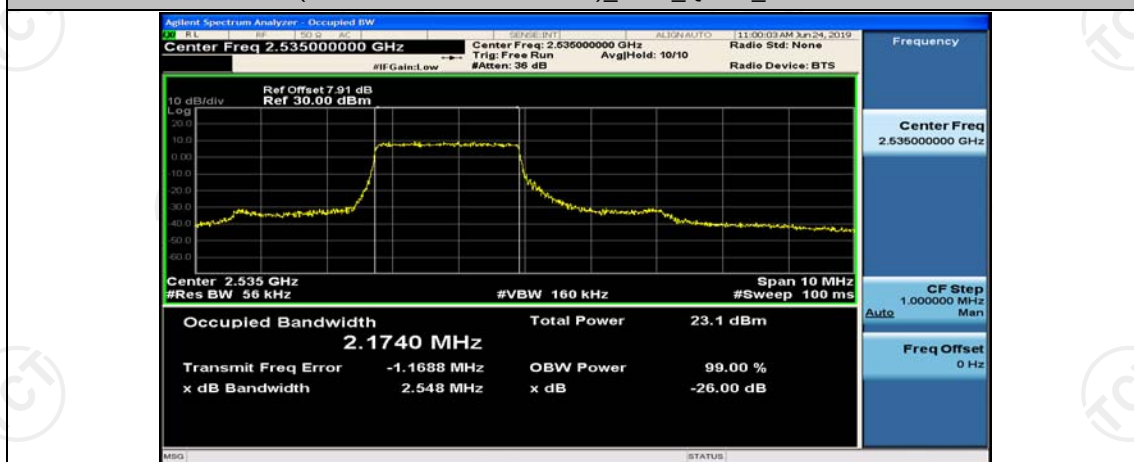
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



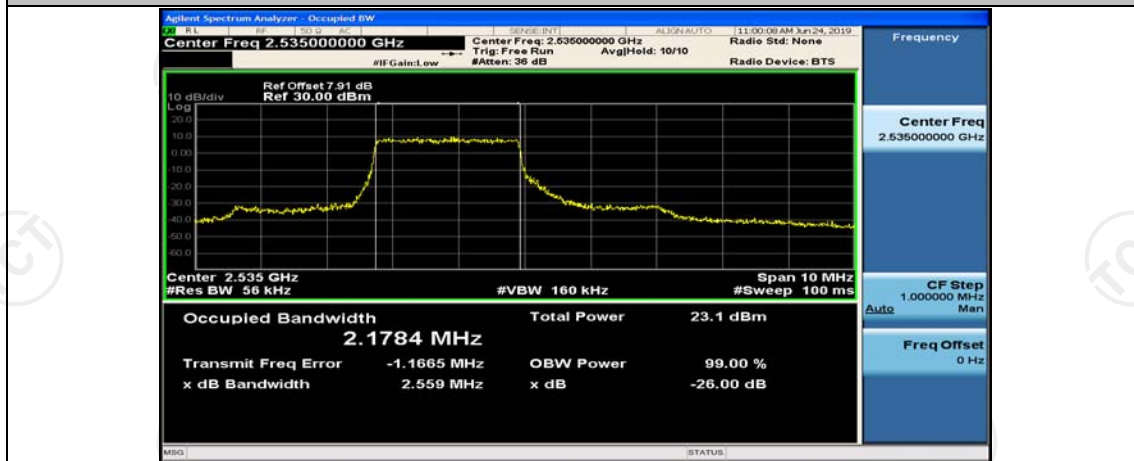
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13