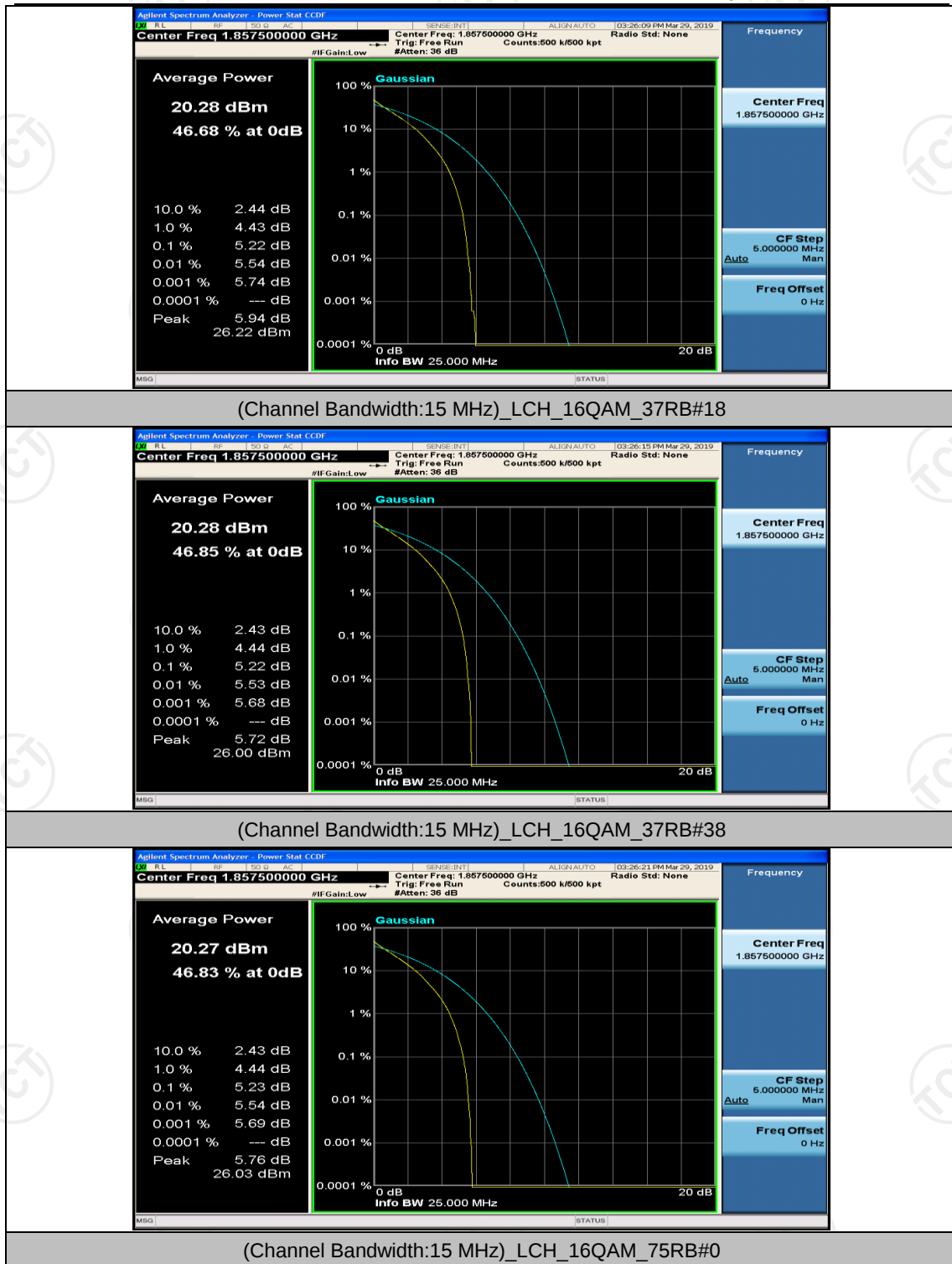
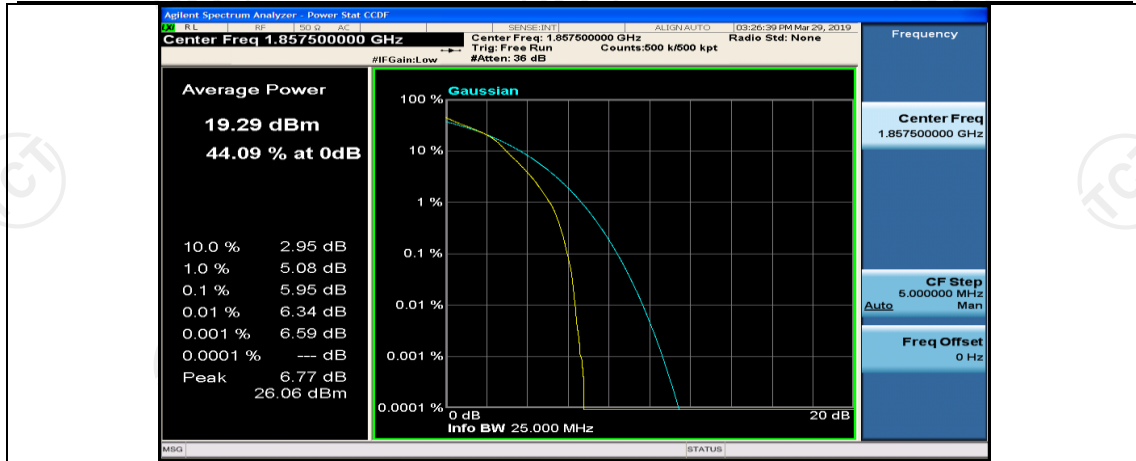
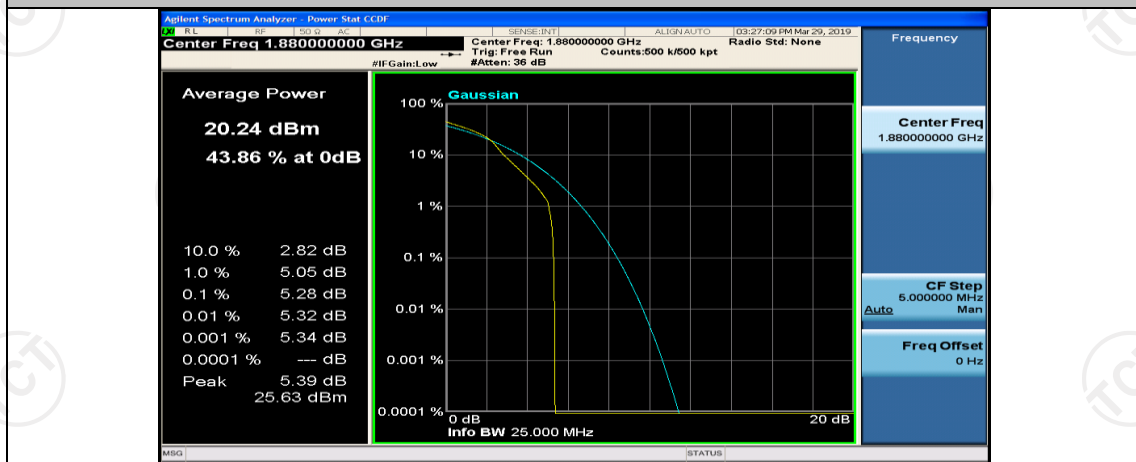


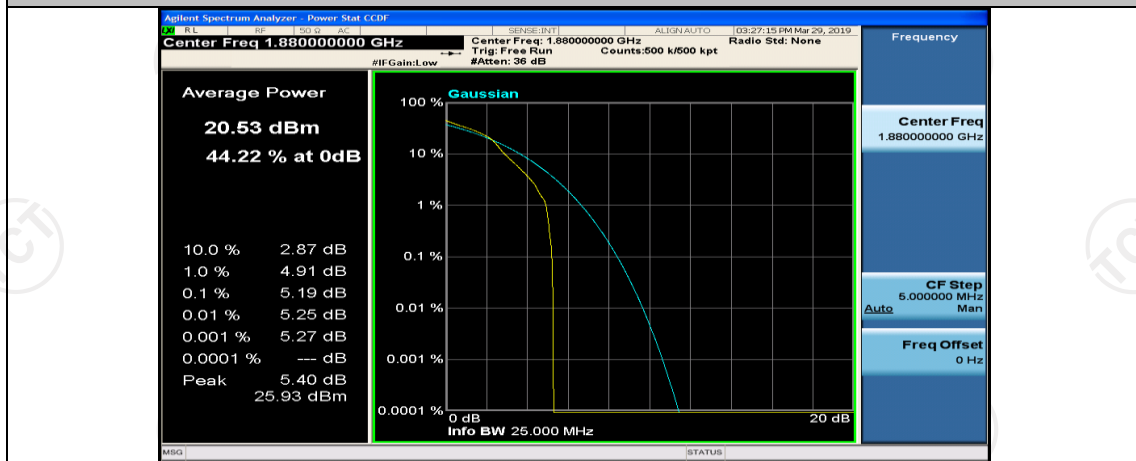




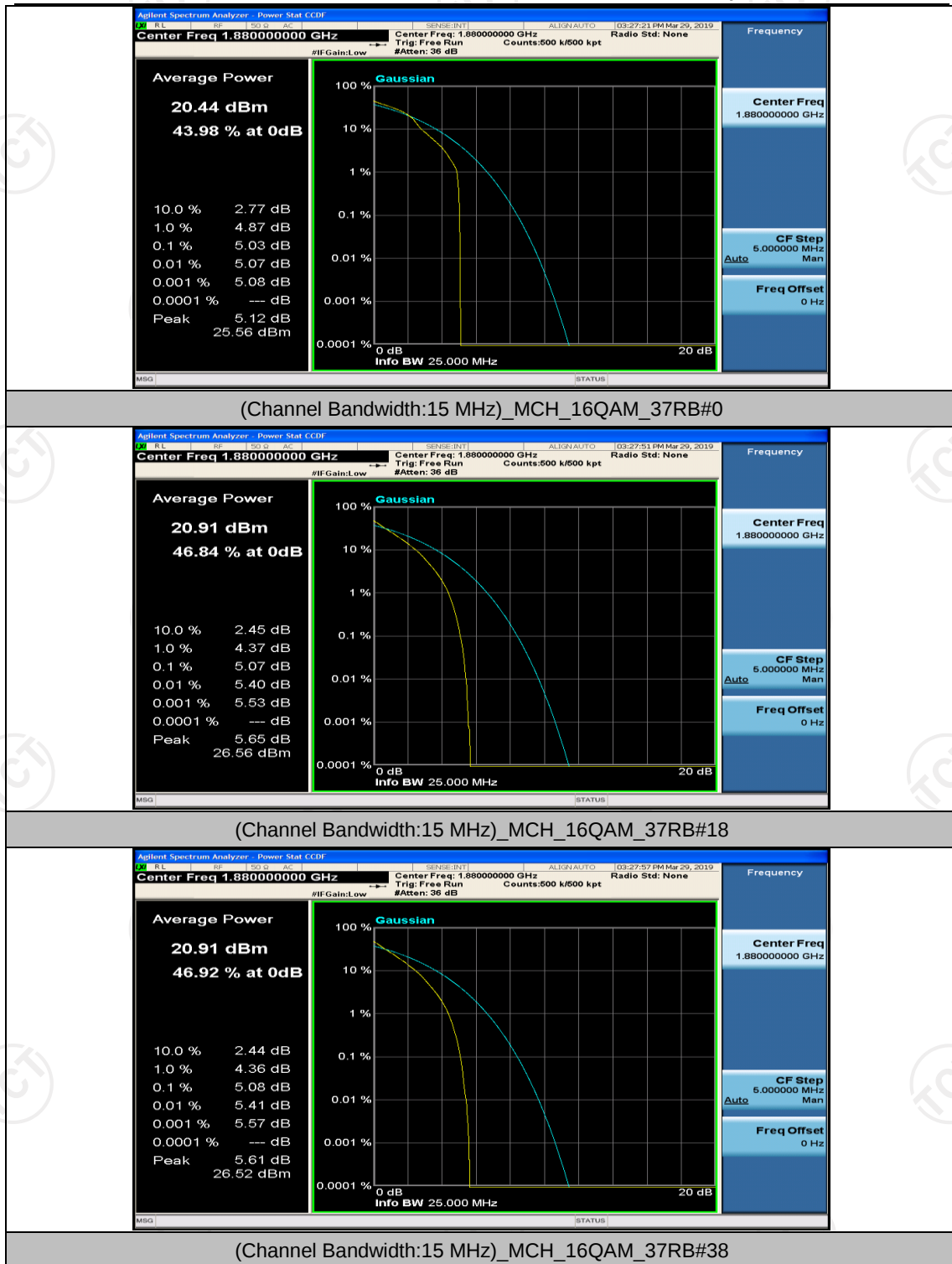
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

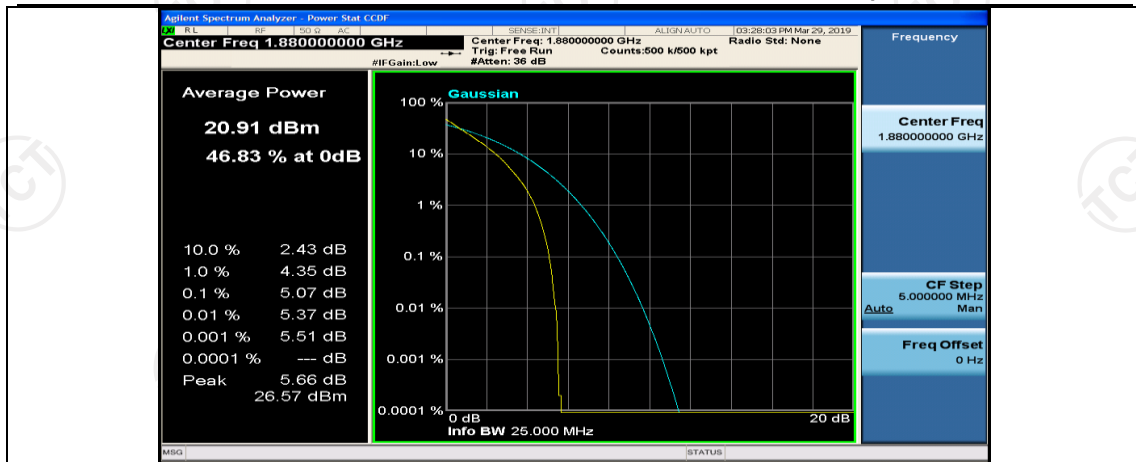


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

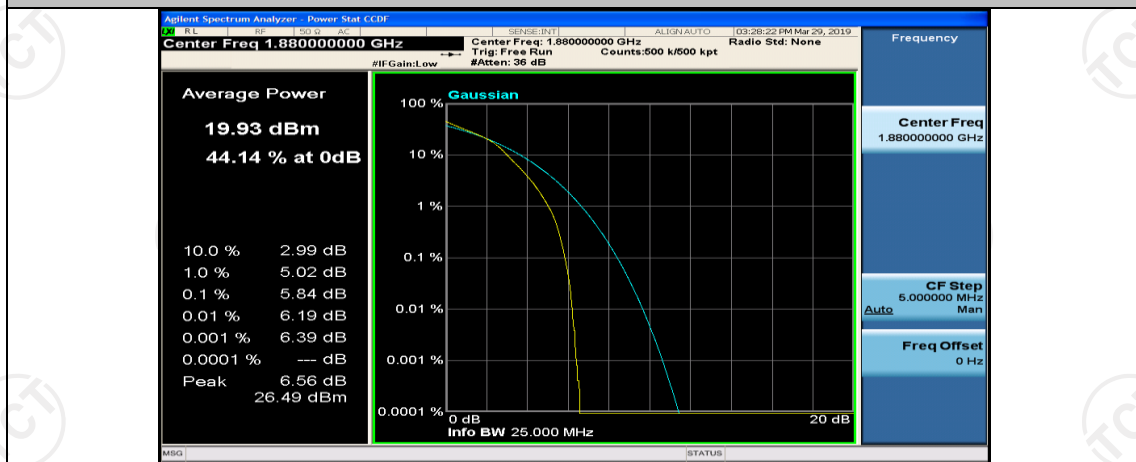


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74

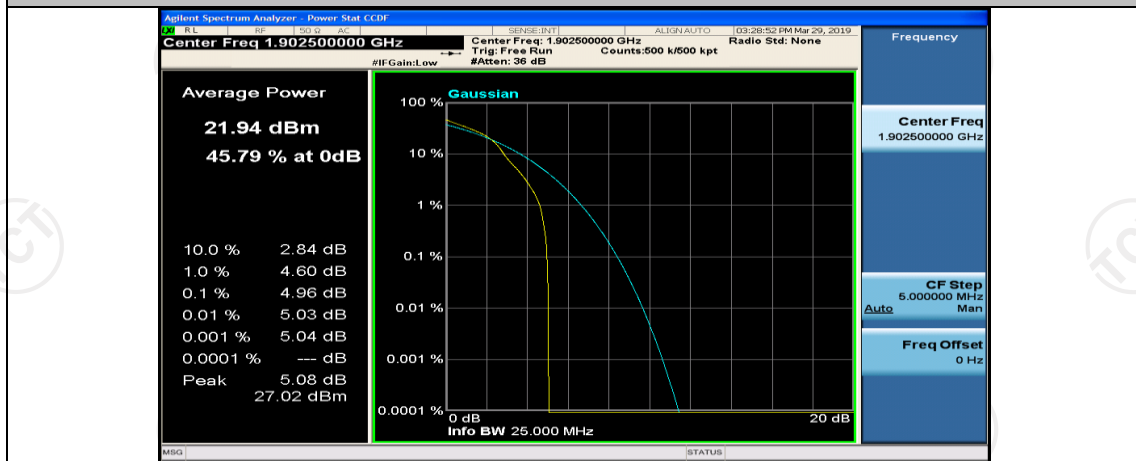




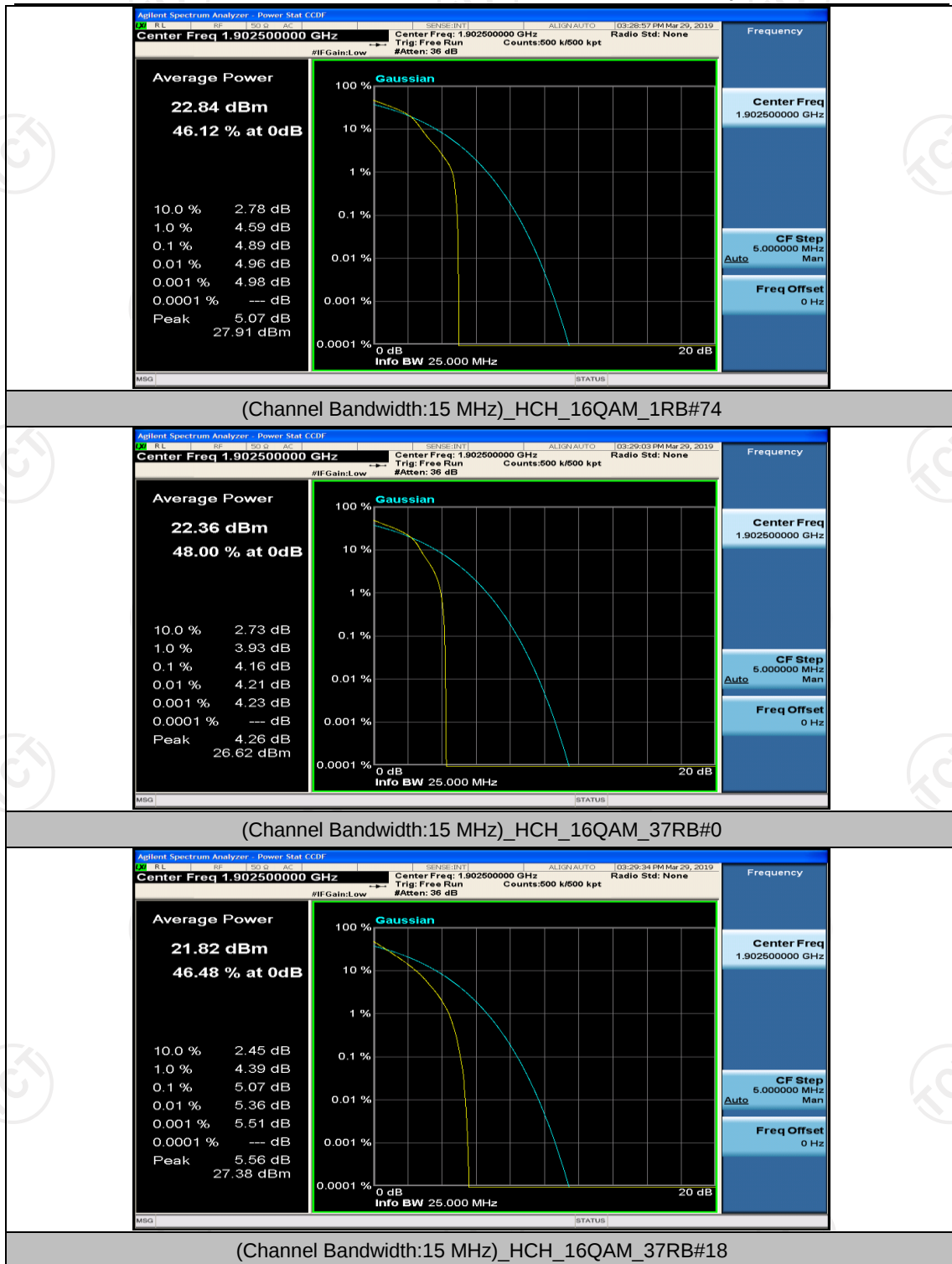
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

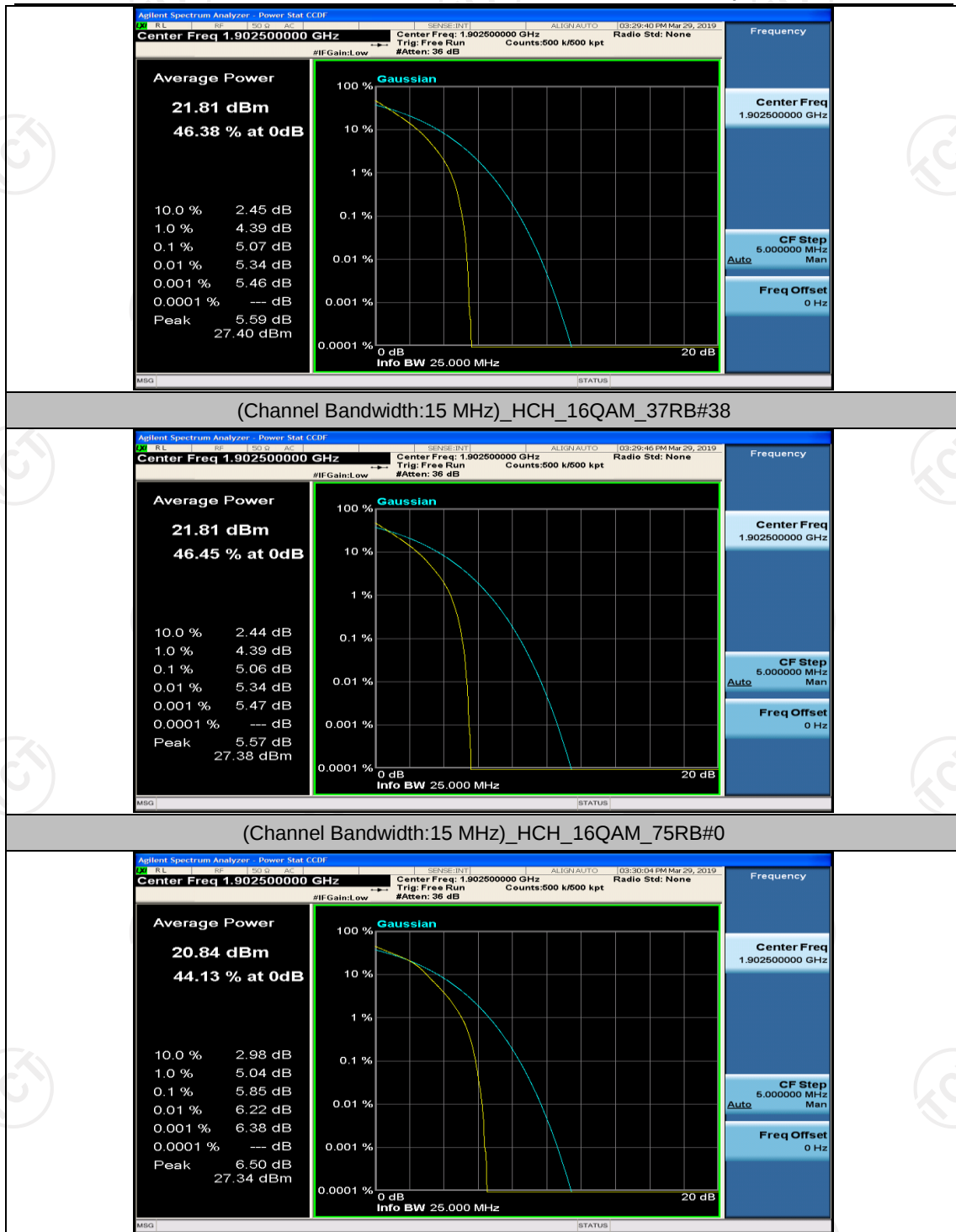


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



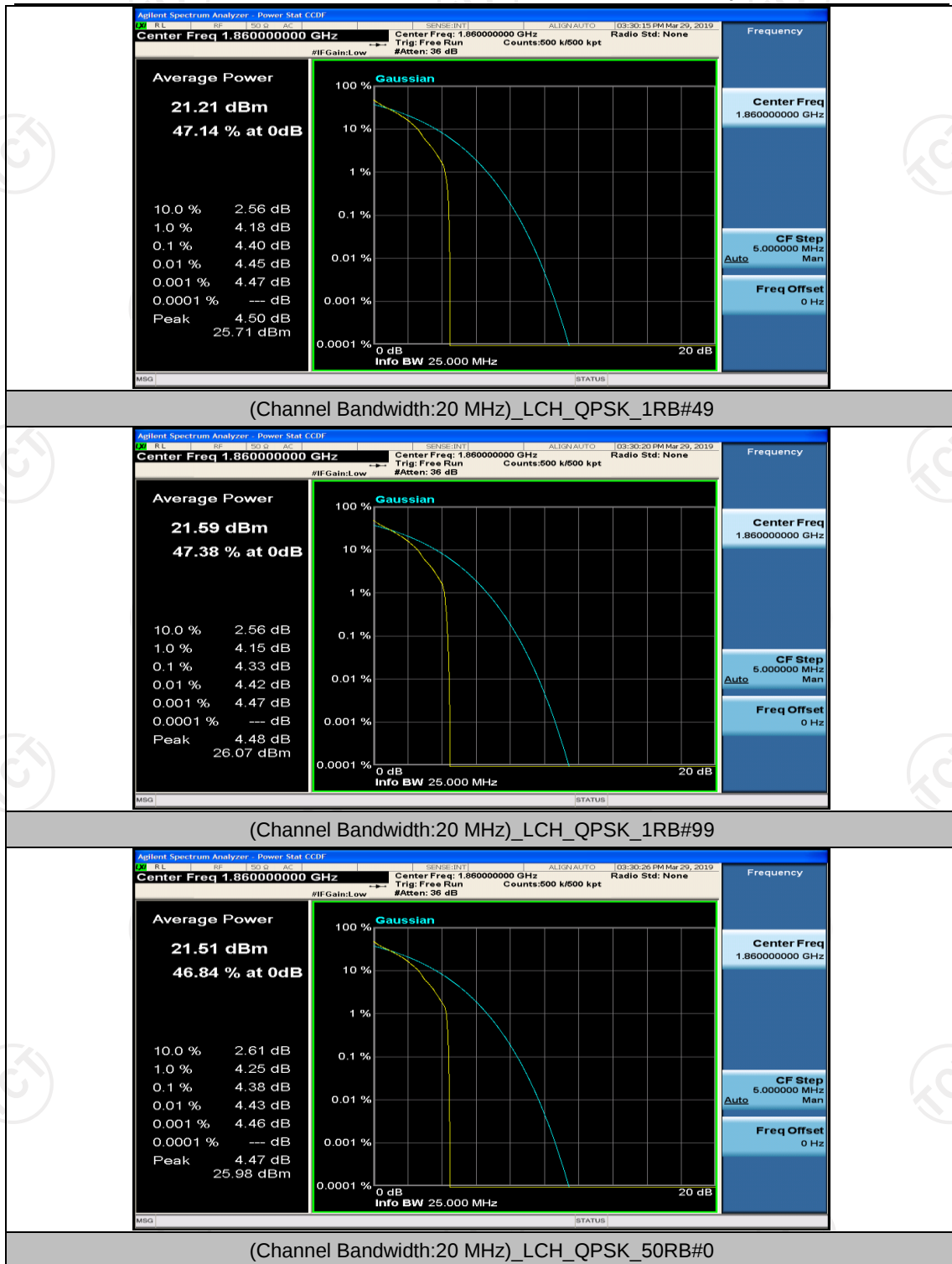
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

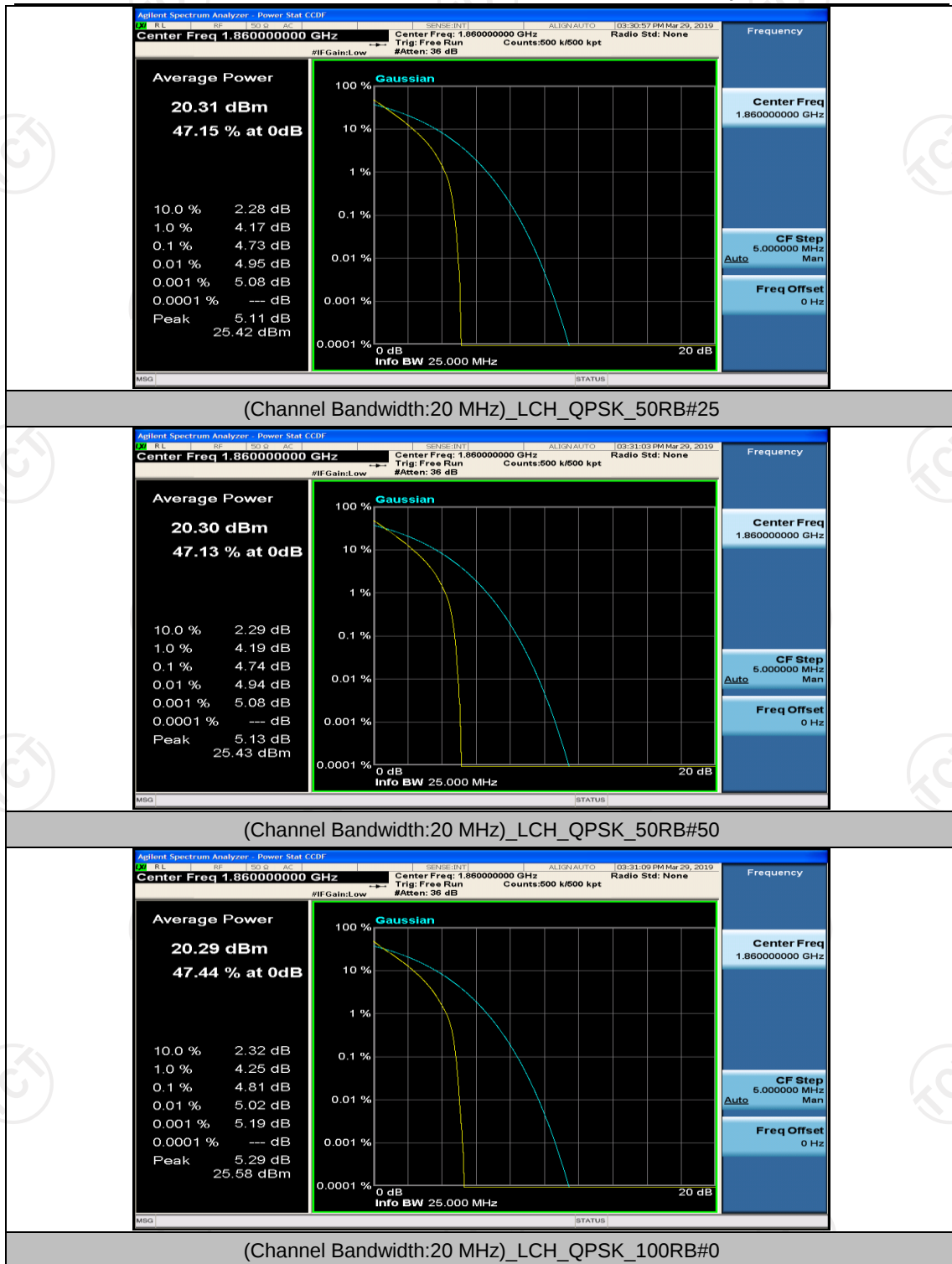


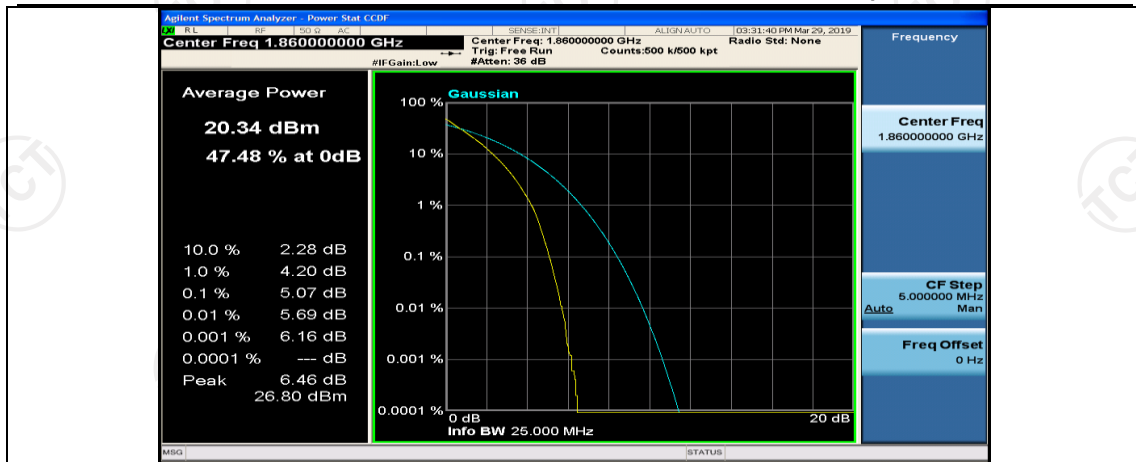


Channel Bandwidth: 20 MHz

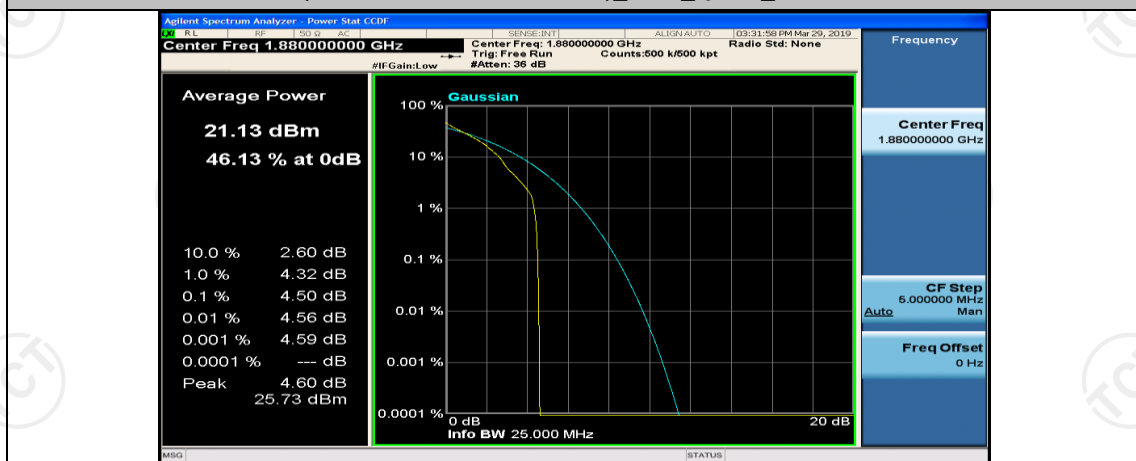
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



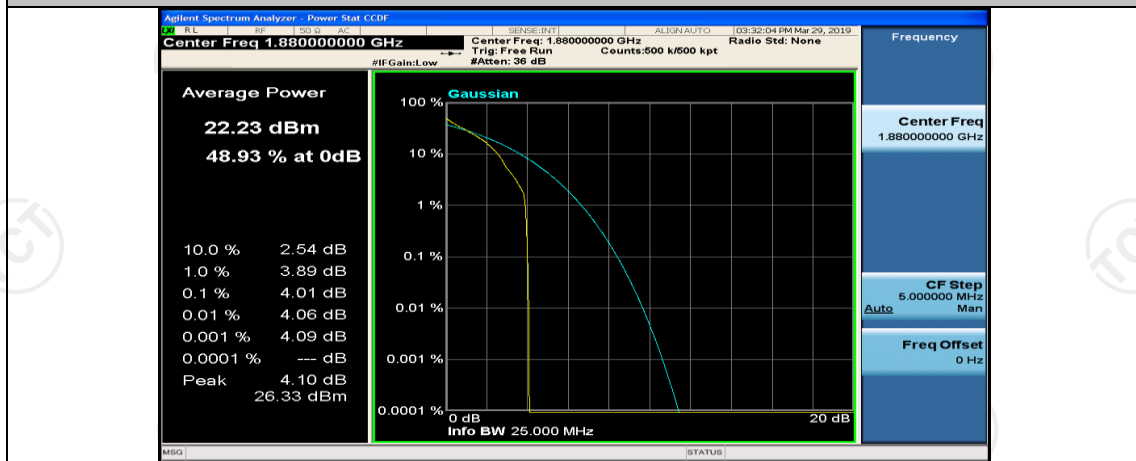




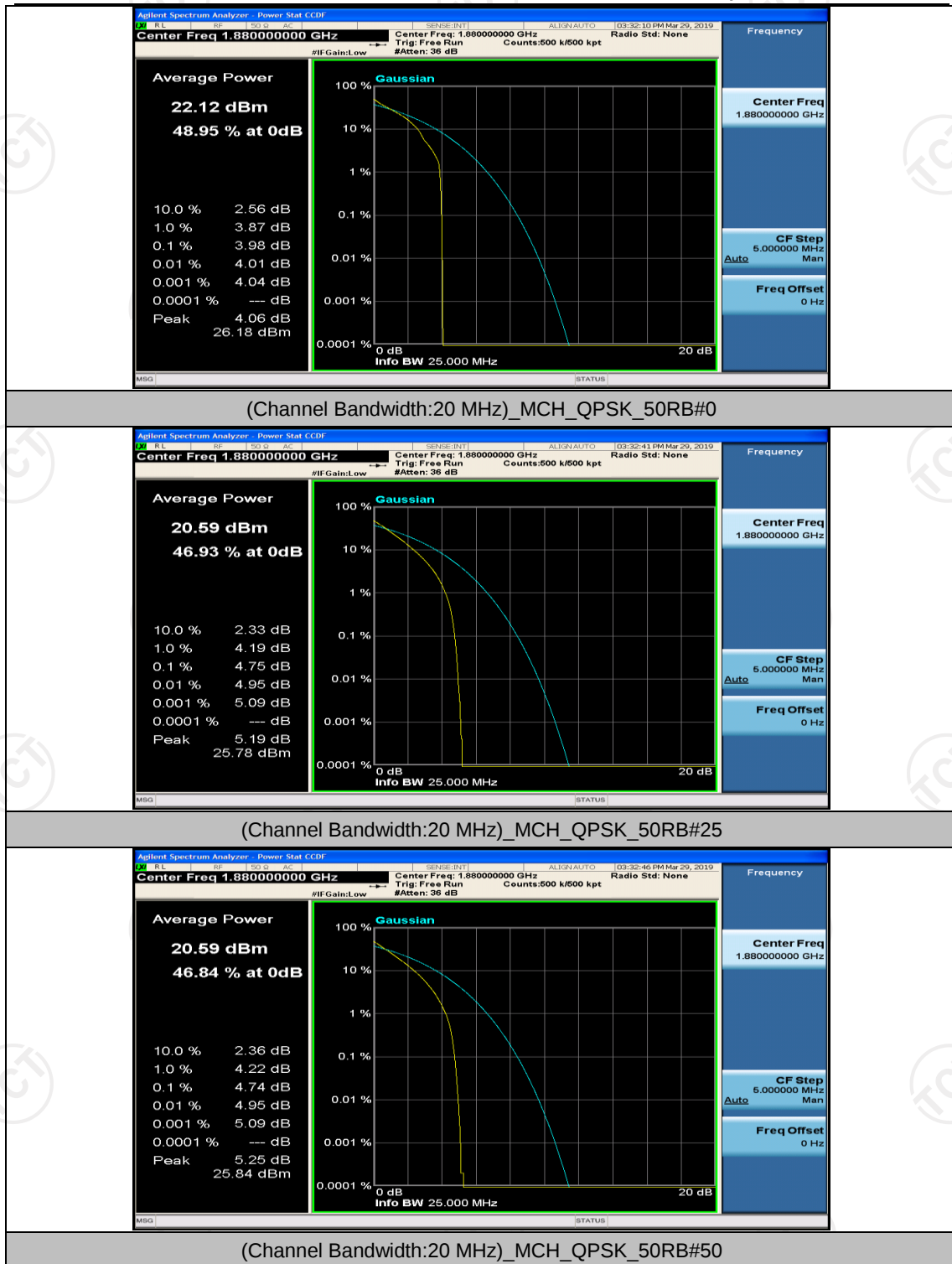
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

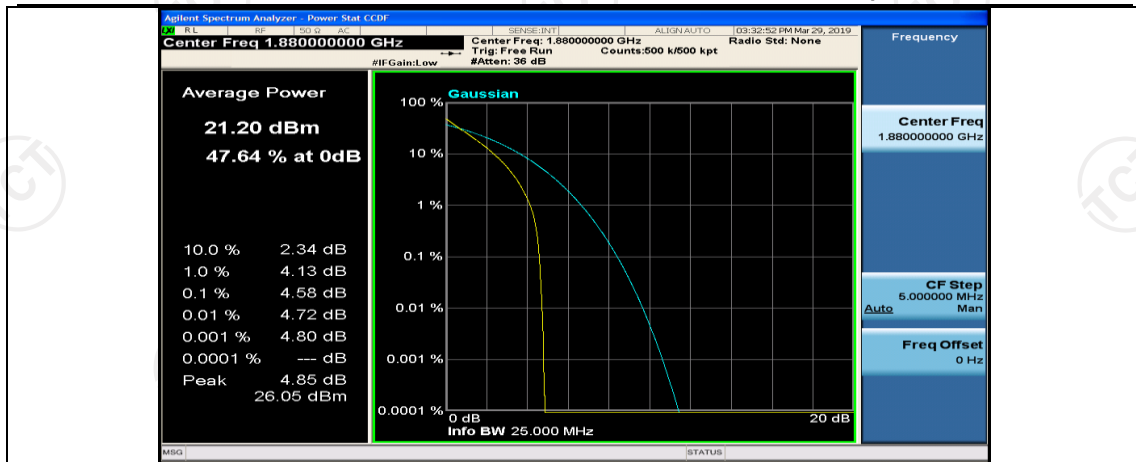


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

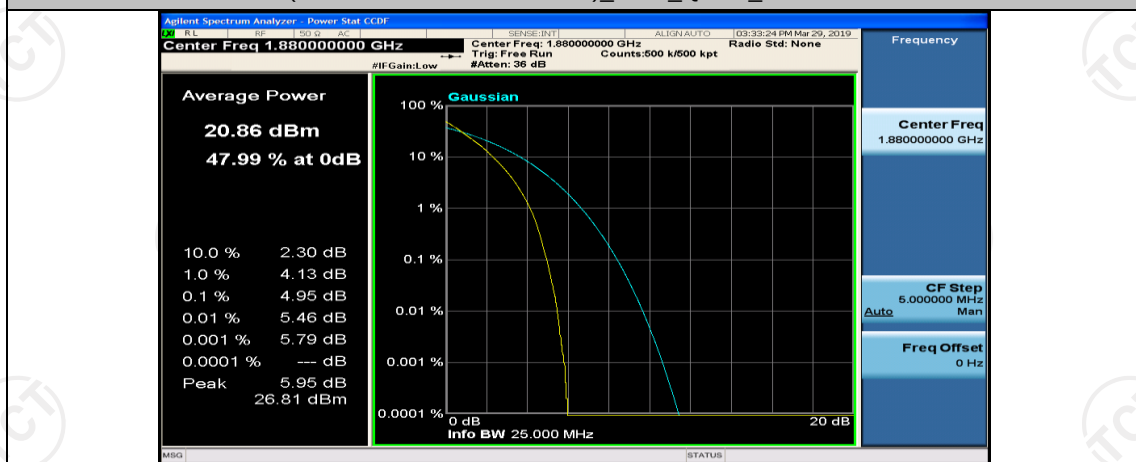


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

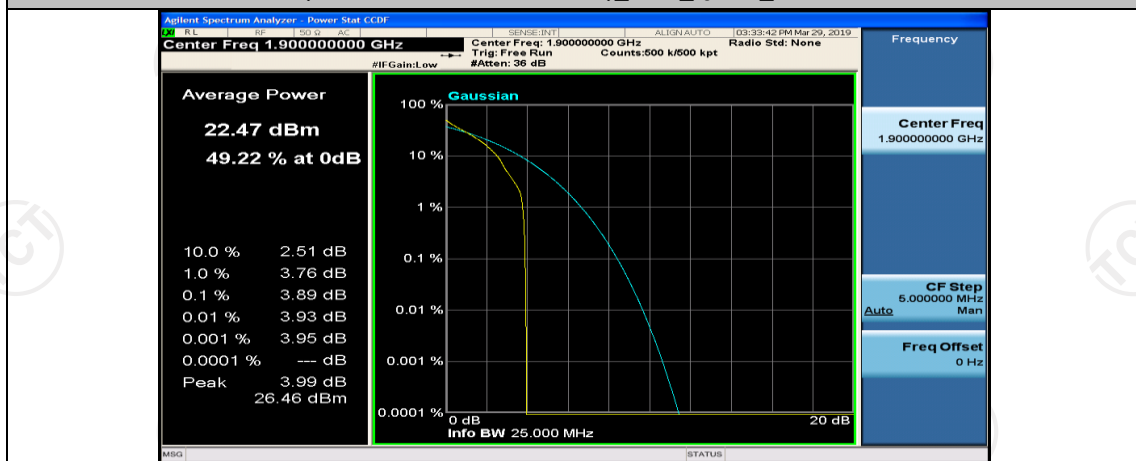




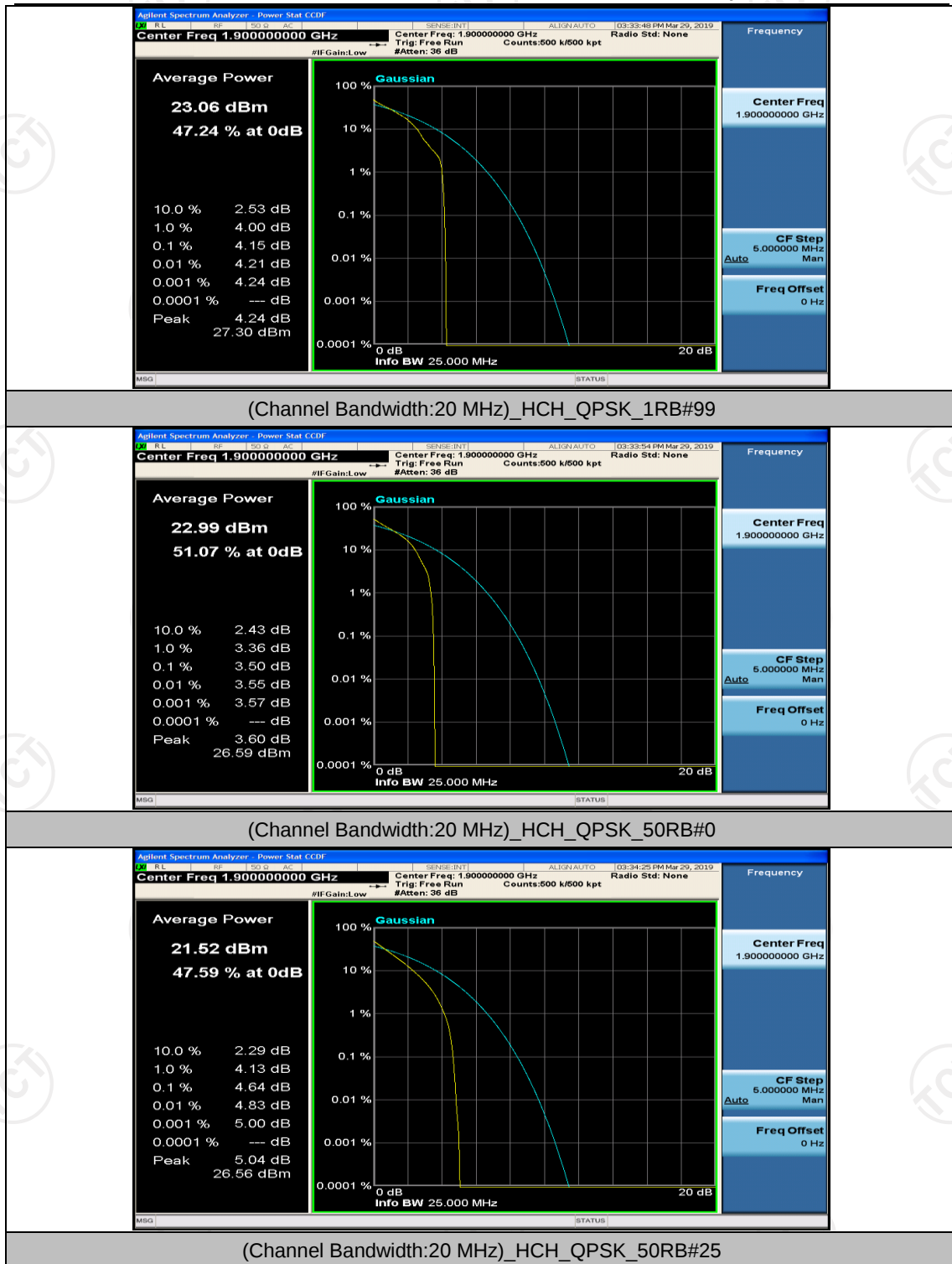
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0

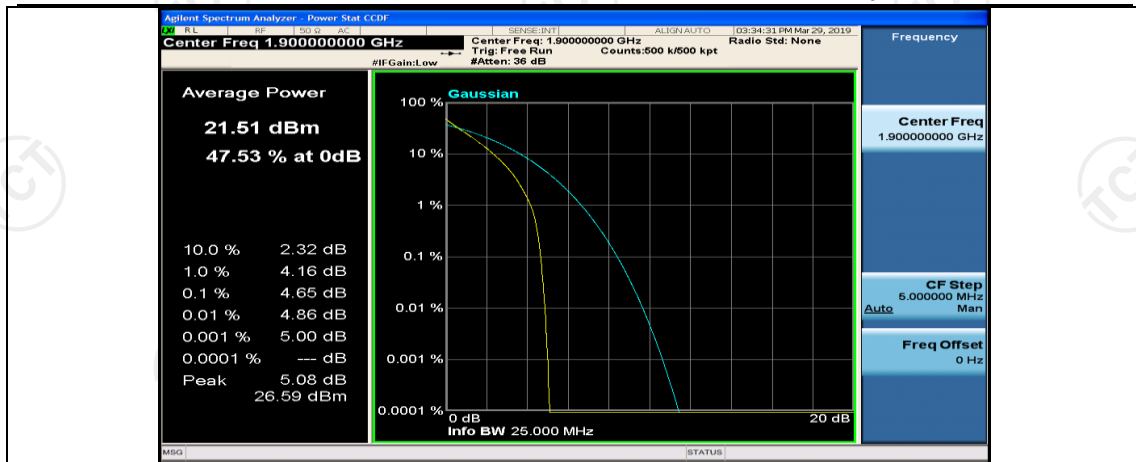


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

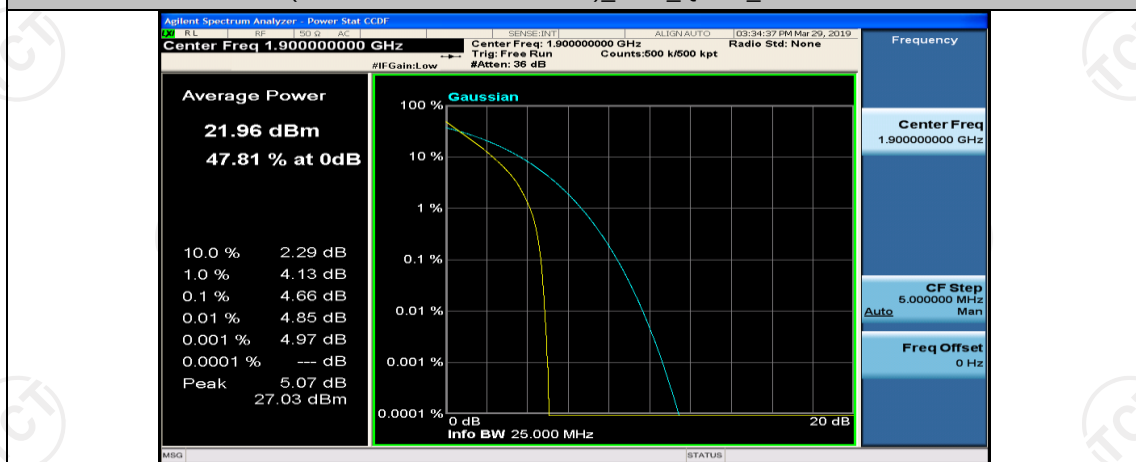


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

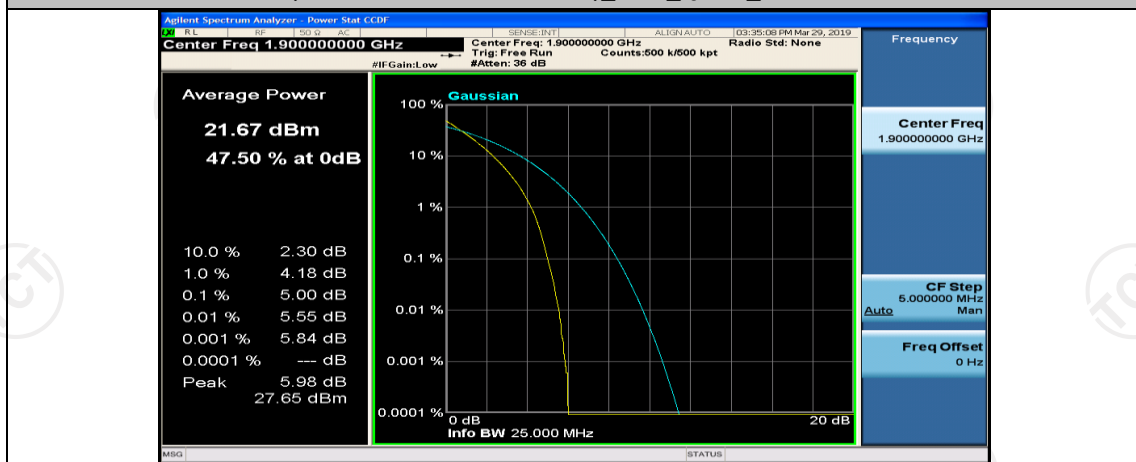




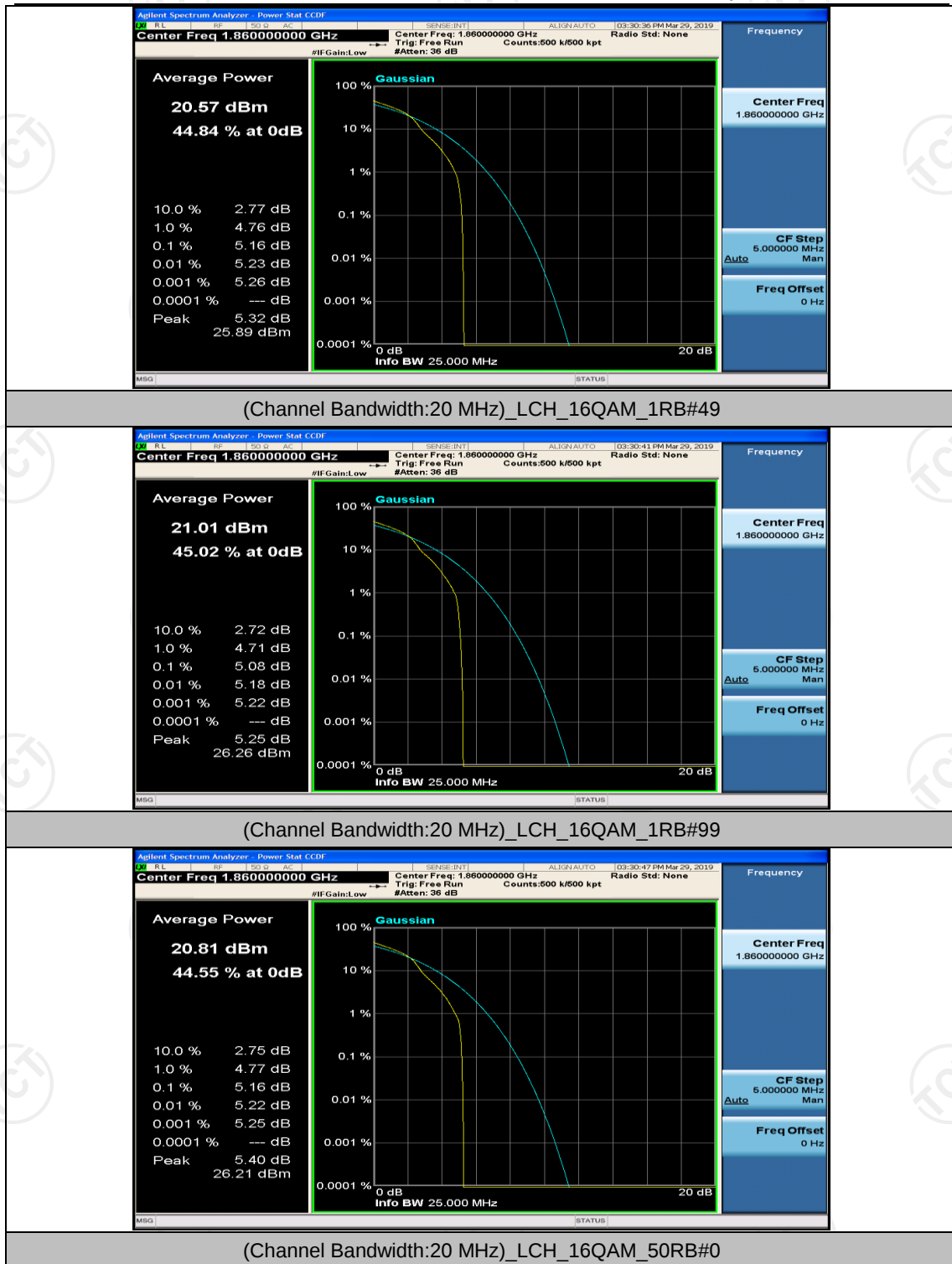
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50

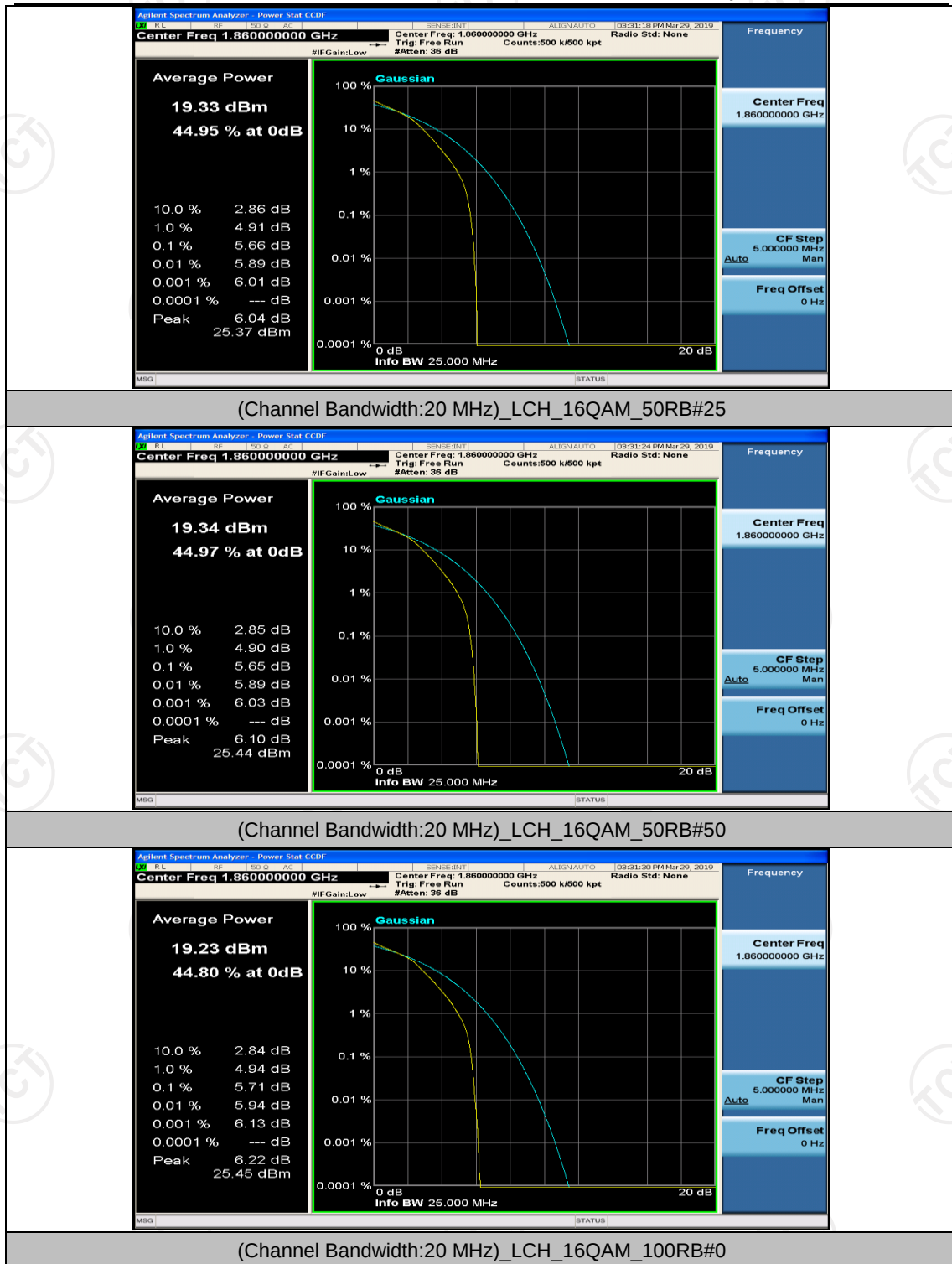


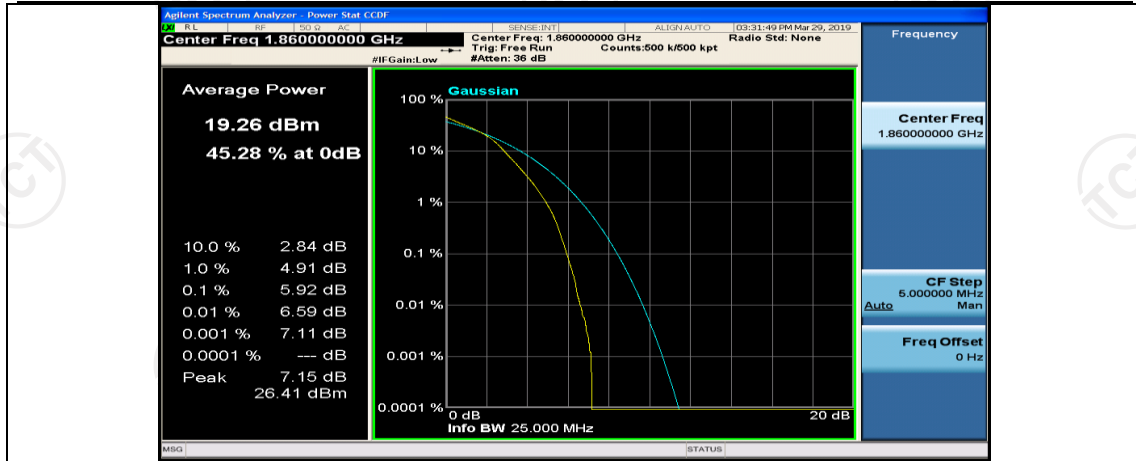
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



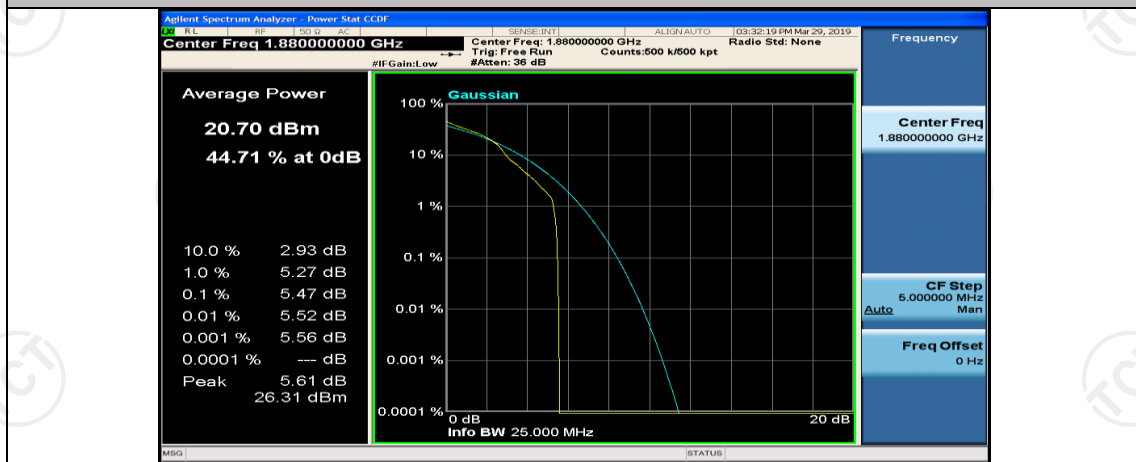
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



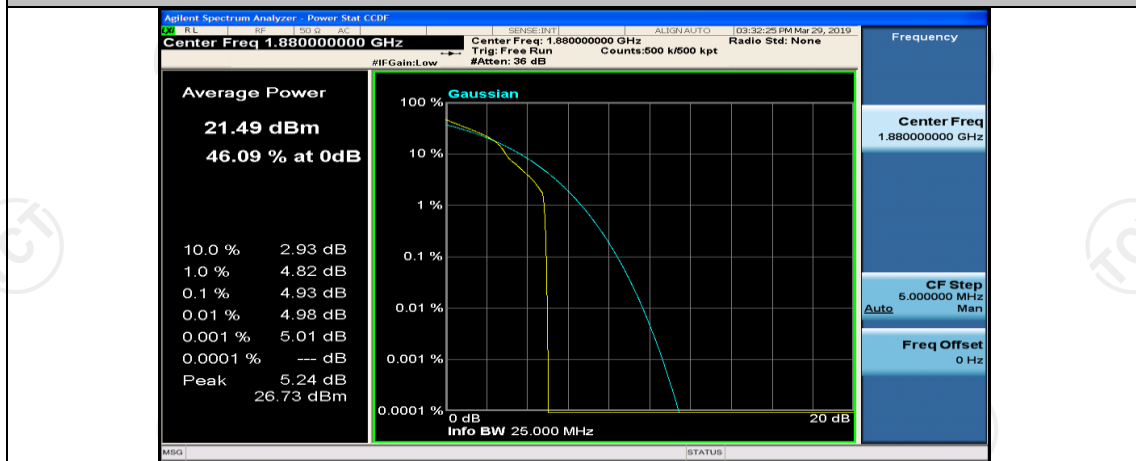




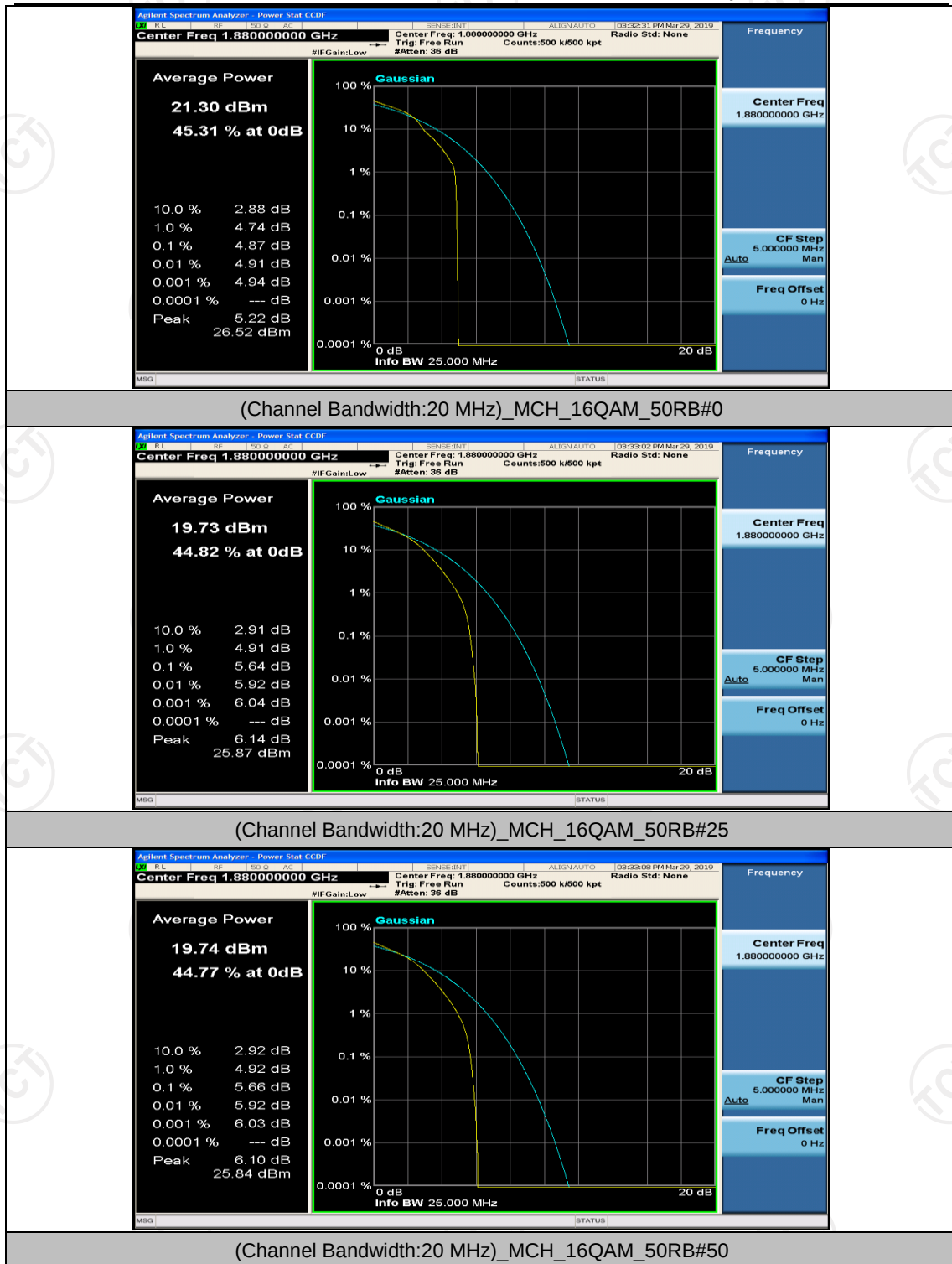
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

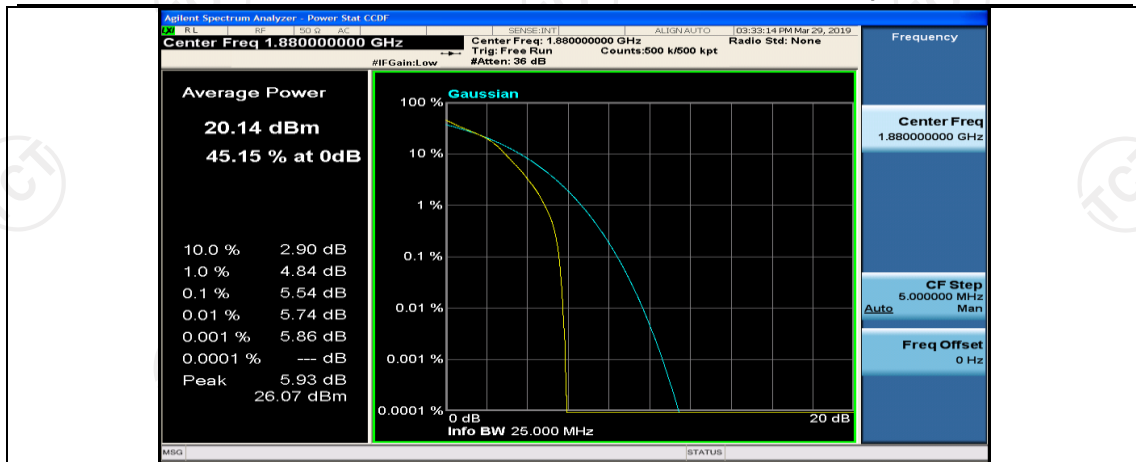


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

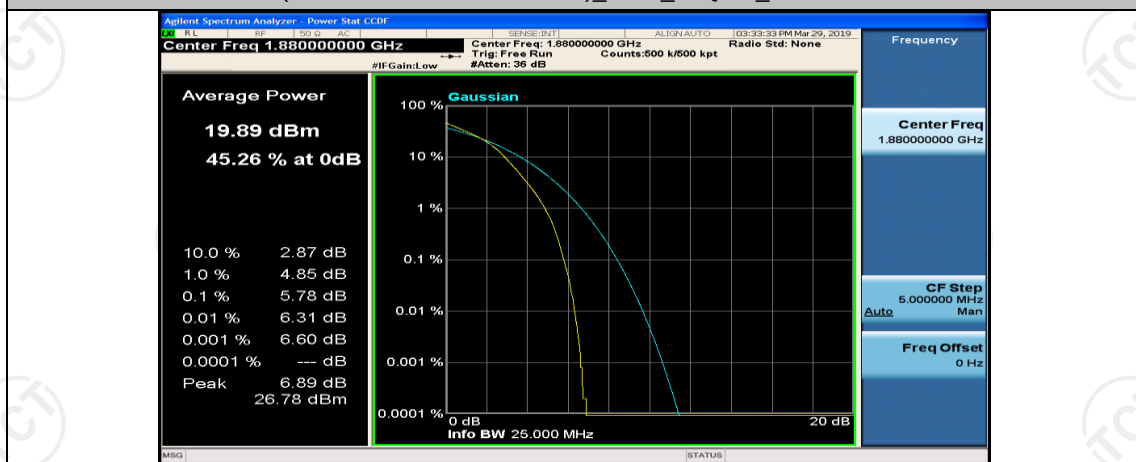


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99

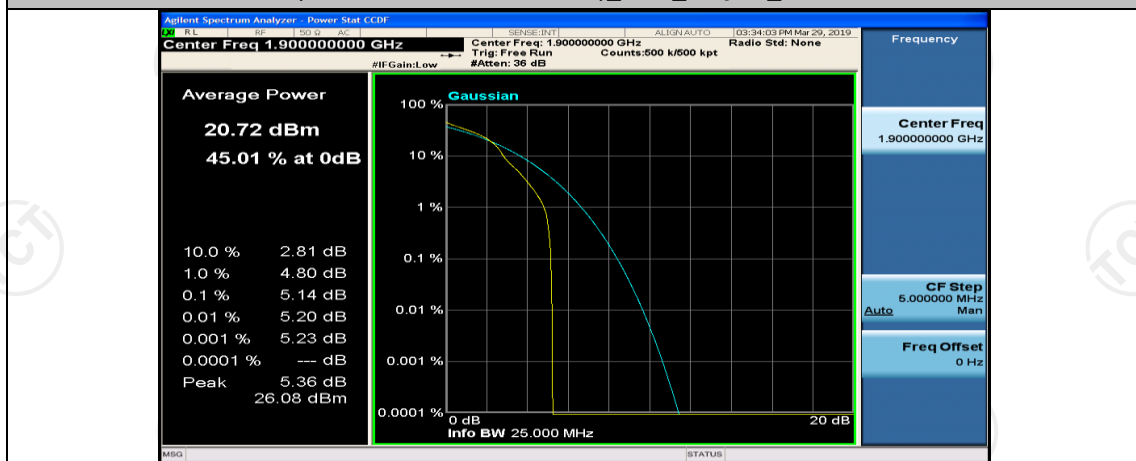




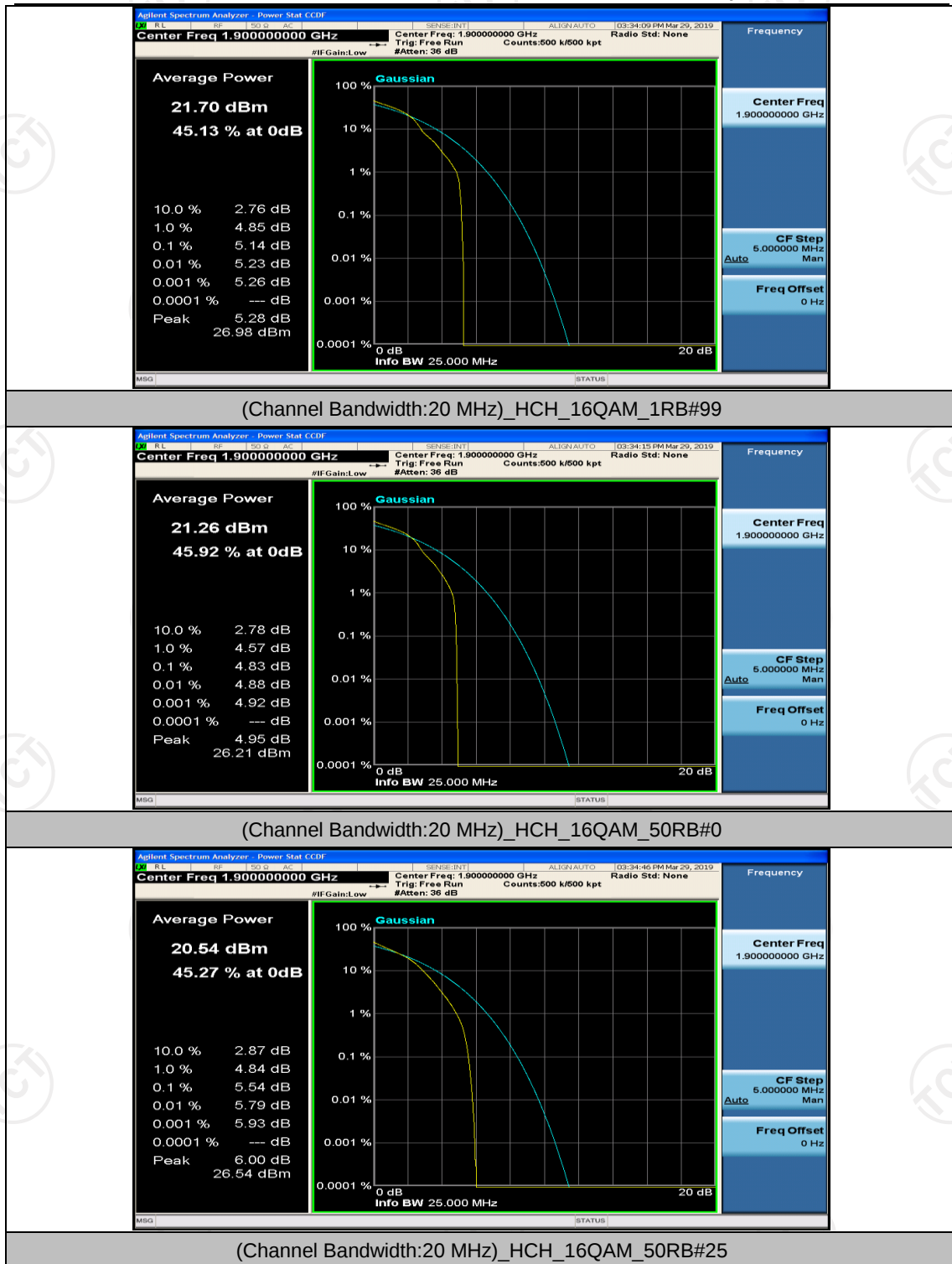
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0

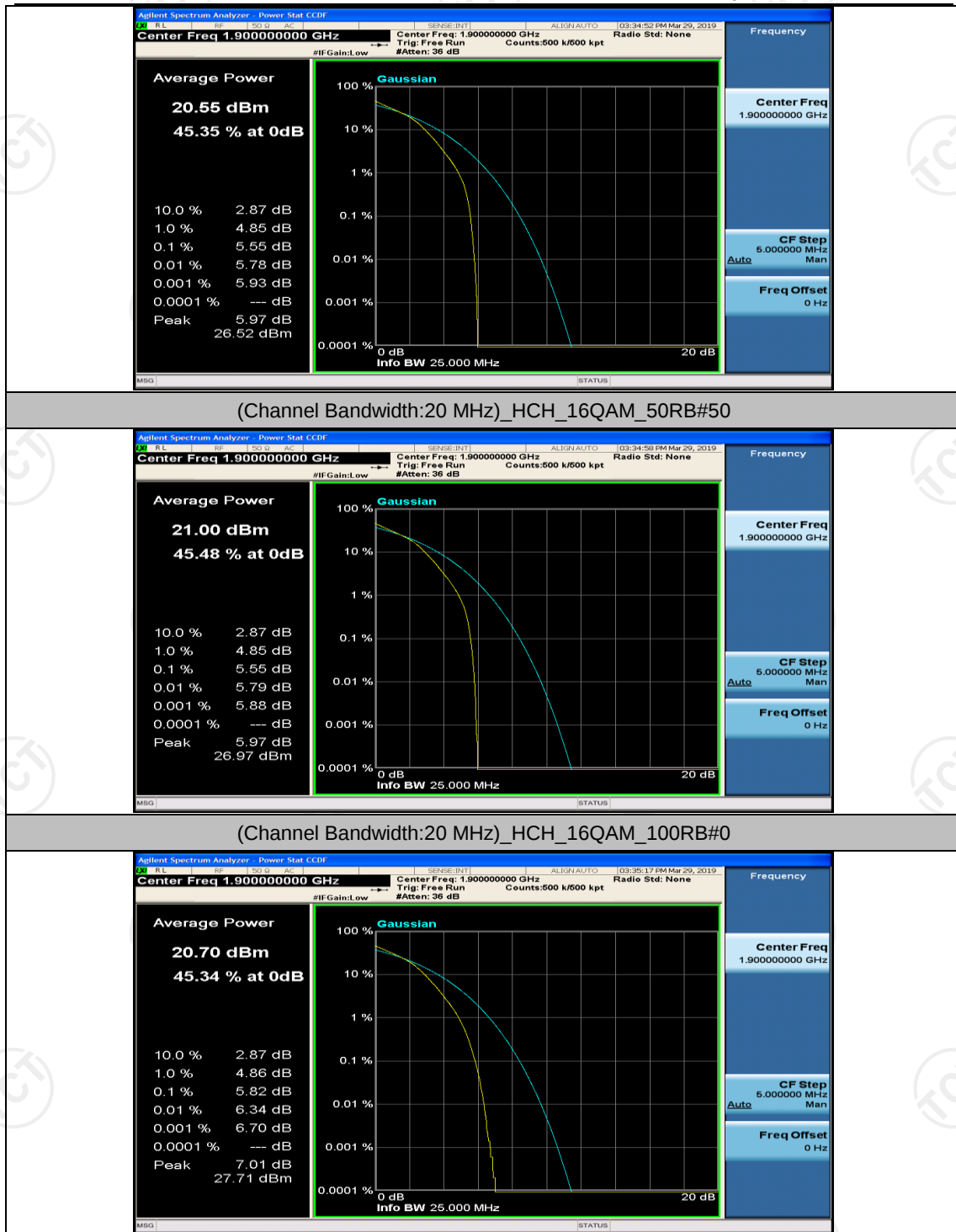


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49





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	1	0	0.21495	0.3291	PASS
		1	3	0.24210	0.3906	PASS
		1	5	0.21681	0.3118	PASS
		3	0	0.55222	0.7005	PASS
		3	2	0.55172	0.7007	PASS
		3	3	0.55014	0.7000	PASS
		6	0	1.0816	1.234	PASS
	MCH	1	0	0.21286	0.3235	PASS
		1	3	0.23757	0.3665	PASS
		1	5	0.21458	0.3356	PASS
		3	0	0.55138	0.7146	PASS
		3	2	0.55218	0.7145	PASS
		3	3	0.55209	0.7090	PASS
		6	0	1.0775	1.217	PASS
	HCH	1	0	0.21509	0.3448	PASS
		1	3	0.24481	0.4046	PASS
		1	5	0.21689	0.3354	PASS
		3	0	0.55307	0.7485	PASS
		3	2	0.55318	0.7484	PASS
		3	3	0.55743	0.7026	PASS
		6	0	1.0785	1.245	PASS
16QAM	LCH	1	0	0.21635	0.3309	PASS
		1	3	0.24794	0.3710	PASS
		1	5	0.21413	0.3218	PASS
		3	0	0.54913	0.6999	PASS
		3	2	0.54815	0.6849	PASS
		3	3	0.54966	0.6862	PASS
		6	0	1.0781	1.233	PASS
	MCH	1	0	0.21309	0.3171	PASS
		1	3	0.24237	0.3737	PASS

		1	5	0.21776	0.3366	PASS
		3	0	0.54890	0.7016	PASS
		3	2	0.54981	0.6869	PASS
		3	3	0.55115	0.6907	PASS
		6	0	1.0785	1.240	PASS
	HCH	1	0	0.22245	0.3596	PASS
		1	3	0.25421	0.4235	PASS
		1	5	0.22468	0.3763	PASS
		3	0	0.55293	0.7457	PASS
		3	2	0.55188	0.7170	PASS
		3	3	0.55372	0.7221	PASS
		6	0	1.0781	1.200	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.25106	0.3905	PASS
		1	7	0.31143	0.5015	PASS
		1	14	0.23410	0.3438	PASS
		8	0	1.4441	1.653	PASS
		8	4	1.4420	1.685	PASS
		8	7	1.4416	1.656	PASS
		15	0	2.6824	2.894	PASS
	MCH	1	0	0.23518	0.3365	PASS
		1	7	0.30538	0.4725	PASS
		1	14	0.23541	0.3613	PASS
		8	0	1.4447	1.653	PASS
		8	4	1.4457	1.676	PASS
		8	7	1.4432	1.672	PASS
		15	0	2.6882	2.900	PASS
	HCH	1	0	0.23691	0.3600	PASS
		1	7	0.31727	0.4870	PASS
		1	14	0.24050	0.3644	PASS
		8	0	1.4468	1.657	PASS
		8	4	1.4444	1.665	PASS
		8	7	1.4451	1.658	PASS
		15	0	2.6898	2.875	PASS

16QAM	LCH	1	0	0.23813	0.3695	PASS
		1	7	0.32782	0.4724	PASS
		1	14	0.23728	0.3616	PASS
		8	0	1.4501	1.659	PASS
		8	4	1.4504	1.650	PASS
		8	7	1.4519	1.682	PASS
		15	0	2.6828	2.889	PASS
	MCH	1	0	0.23351	0.3529	PASS
		1	7	0.32795	0.5524	PASS
		1	14	0.23601	0.3475	PASS
		8	0	1.4480	1.642	PASS
		8	4	1.4474	1.668	PASS
		8	7	1.4466	1.638	PASS
		15	0	2.6825	2.920	PASS
	HCH	1	0	0.23638	0.3836	PASS
		1	7	0.31369	0.4861	PASS
		1	14	0.24582	0.3815	PASS
		8	0	1.4484	1.706	PASS
		8	4	1.4488	1.694	PASS
		8	7	1.4502	1.682	PASS
		15	0	2.6859	2.879	PASS

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	0.30078	0.4805	PASS
		1	12	0.39072	0.6503	PASS
		1	24	0.29814	0.4702	PASS
		12	0	2.1759	2.532	PASS
		12	6	2.1775	2.547	PASS
		12	13	2.1815	2.569	PASS
		25	0	4.4749	4.859	PASS
	MCH	1	0	0.28849	0.4701	PASS
		1	12	0.37961	0.5759	PASS
		1	24	0.28080	0.4429	PASS
		12	0	2.1782	2.531	PASS
		12	6	2.1781	2.538	PASS

		12	13	2.1745	2.507	PASS
		25	0	4.4763	4.799	PASS
	HCH	1	0	0.29123	0.4394	PASS
		1	12	0.40185	0.5955	PASS
		1	24	0.29102	0.4657	PASS
		12	0	2.1721	2.505	PASS
		12	6	2.1713	2.517	PASS
		12	13	2.1761	2.512	PASS
		25	0	4.4677	4.803	PASS
16QAM	LCH	1	0	0.29460	0.4467	PASS
		1	12	0.42797	0.6008	PASS
		1	24	0.29448	0.4549	PASS
		12	0	2.1770	2.547	PASS
		12	6	2.1730	2.547	PASS
		12	13	2.1792	2.535	PASS
		25	0	4.4755	4.848	PASS
	MCH	1	0	0.28660	0.4372	PASS
		1	12	0.37770	0.5737	PASS
		1	24	0.28144	0.4332	PASS
		12	0	2.1721	2.483	PASS
		12	6	2.1717	2.487	PASS
		12	13	2.1664	2.462	PASS
		25	0	4.4711	4.854	PASS
	HCH	1	0	0.29377	0.4570	PASS
		1	12	0.44696	0.6772	PASS
		1	24	0.29112	0.4693	PASS
		12	0	2.1769	2.524	PASS
		12	6	2.1763	2.539	PASS
		12	13	2.1791	2.520	PASS
		25	0	4.4741	4.840	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	0.39022	0.5772	PASS
		1	25	0.45740	0.7173	PASS
		1	49	0.37904	0.5761	PASS
		25	0	4.5149	4.951	PASS
		25	12	4.5200	4.984	PASS

		25	25	4.5100	4.935	PASS
		50	0	8.9474	9.482	PASS
	MCH	1	0	0.39291	0.5789	PASS
		1	25	0.47739	0.7449	PASS
		1	49	0.38409	0.5913	PASS
		25	0	4.5051	4.927	PASS
		25	12	4.5051	4.983	PASS
		25	25	4.5095	4.983	PASS
		50	0	8.9348	9.432	PASS
		1	0	0.39021	0.5620	PASS
	HCH	1	25	0.46992	0.7060	PASS
		1	49	0.38670	0.5864	PASS
		25	0	4.5053	5.067	PASS
		25	12	4.5058	5.066	PASS
		25	25	4.5086	4.994	PASS
		50	0	8.9159	9.414	PASS
16QAM	LCH	1	0	0.38914	0.5531	PASS
		1	25	0.46651	0.6894	PASS
		1	49	0.39388	0.5874	PASS
		25	0	4.5072	4.981	PASS
		25	12	4.5104	5.005	PASS
		25	25	4.5107	4.982	PASS
		50	0	8.9168	9.438	PASS
	MCH	1	0	0.38222	0.5398	PASS
		1	25	0.45886	0.7318	PASS
		1	49	0.39636	0.5812	PASS
		25	0	4.5024	4.947	PASS
		25	12	4.5032	4.953	PASS
		25	25	4.5019	4.955	PASS
		50	0	8.9311	9.406	PASS
	HCH	1	0	0.38723	0.5806	PASS
		1	25	0.46665	0.7117	PASS
		1	49	0.38772	0.5517	PASS
		25	0	4.5114	4.983	PASS
		25	12	4.5066	5.000	PASS
		25	25	4.5162	5.024	PASS
		50	0	8.9181	9.404	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	0.50525	0.7367	PASS
		1	37	0.59082	0.8183	PASS
		1	74	0.48772	0.7551	PASS
		37	0	13.385	14.16	PASS
		37	18	13.385	14.17	PASS
		37	38	13.383	14.11	PASS
		75	0	13.385	14.20	PASS
	MCH	1	0	0.49707	0.7113	PASS
		1	37	0.59655	0.8654	PASS
		1	74	0.48644	0.7295	PASS
		37	0	13.372	14.05	PASS
		37	18	13.369	14.00	PASS
		37	38	13.361	14.12	PASS
		75	0	13.376	14.11	PASS
	HCH	1	0	0.49202	0.7353	PASS
		1	37	0.57872	0.7959	PASS
		1	74	0.49668	0.7308	PASS
		37	0	13.377	14.02	PASS
		37	18	13.391	14.00	PASS
		37	38	13.389	14.07	PASS
		75	0	13.387	13.98	PASS
16QAM	LCH	1	0	0.49807	0.7202	PASS
		1	37	0.58685	0.8143	PASS
		1	74	0.49253	0.7129	PASS
		37	0	13.376	14.19	PASS
		37	18	13.389	14.22	PASS
		37	38	13.382	14.11	PASS
		75	0	13.378	14.08	PASS
	MCH	1	0	0.50128	0.7253	PASS
		1	37	0.58036	0.8602	PASS
		1	74	0.48710	0.7147	PASS
		37	0	13.362	14.03	PASS
		37	18	13.367	14.05	PASS
		37	38	13.375	14.06	PASS
		75	0	13.364	14.06	PASS
	HCH	1	0	0.49781	0.7104	PASS
		1	37	0.58034	0.8673	PASS
		1	74	0.49719	0.7182	PASS
		37	0	13.389	14.03	PASS

		37	18	13.382	14.01	PASS
		37	38	13.386	14.05	PASS
		75	0	13.388	14.01	PASS

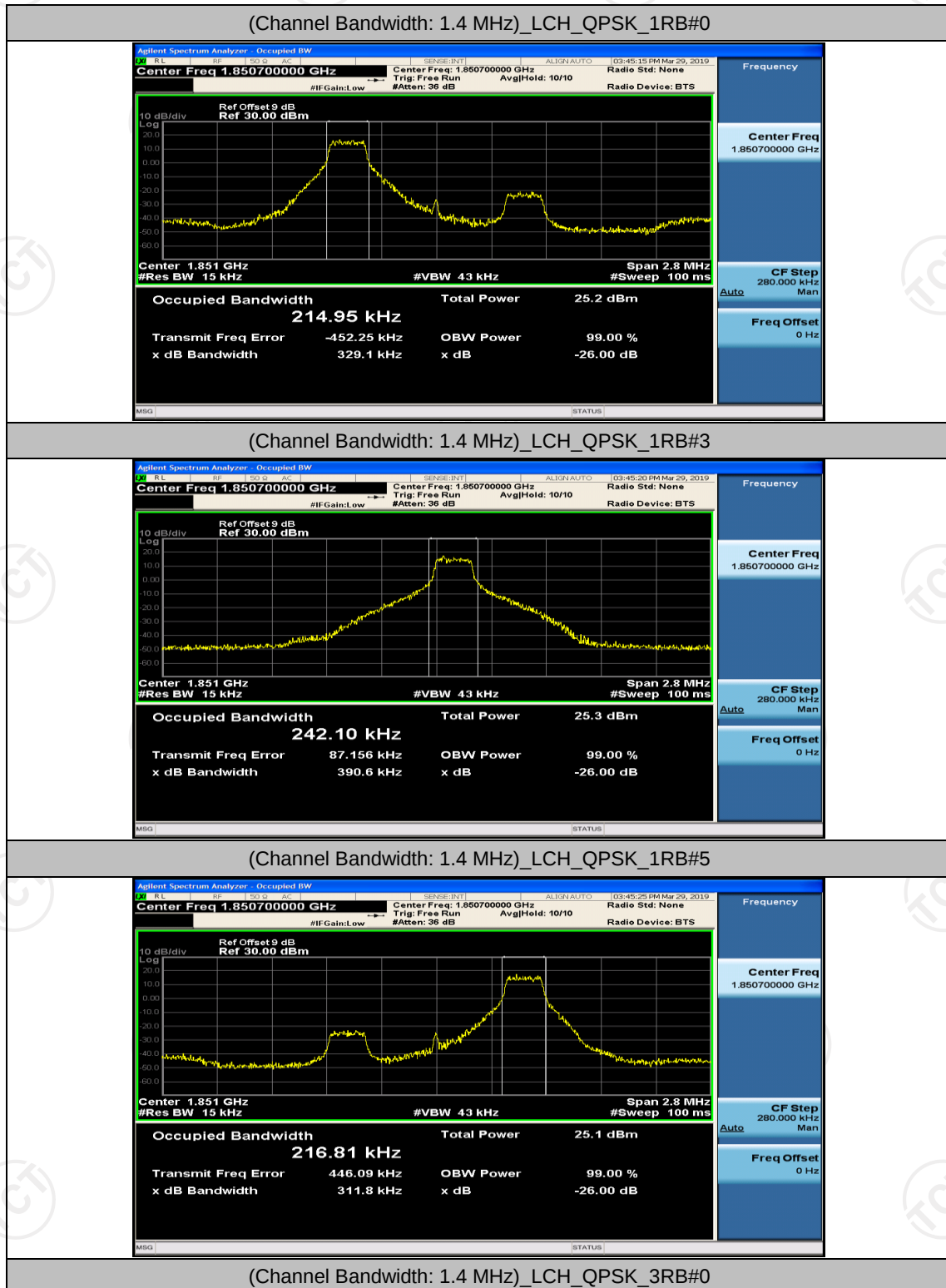
Channel Bandwidth: 20 MHz

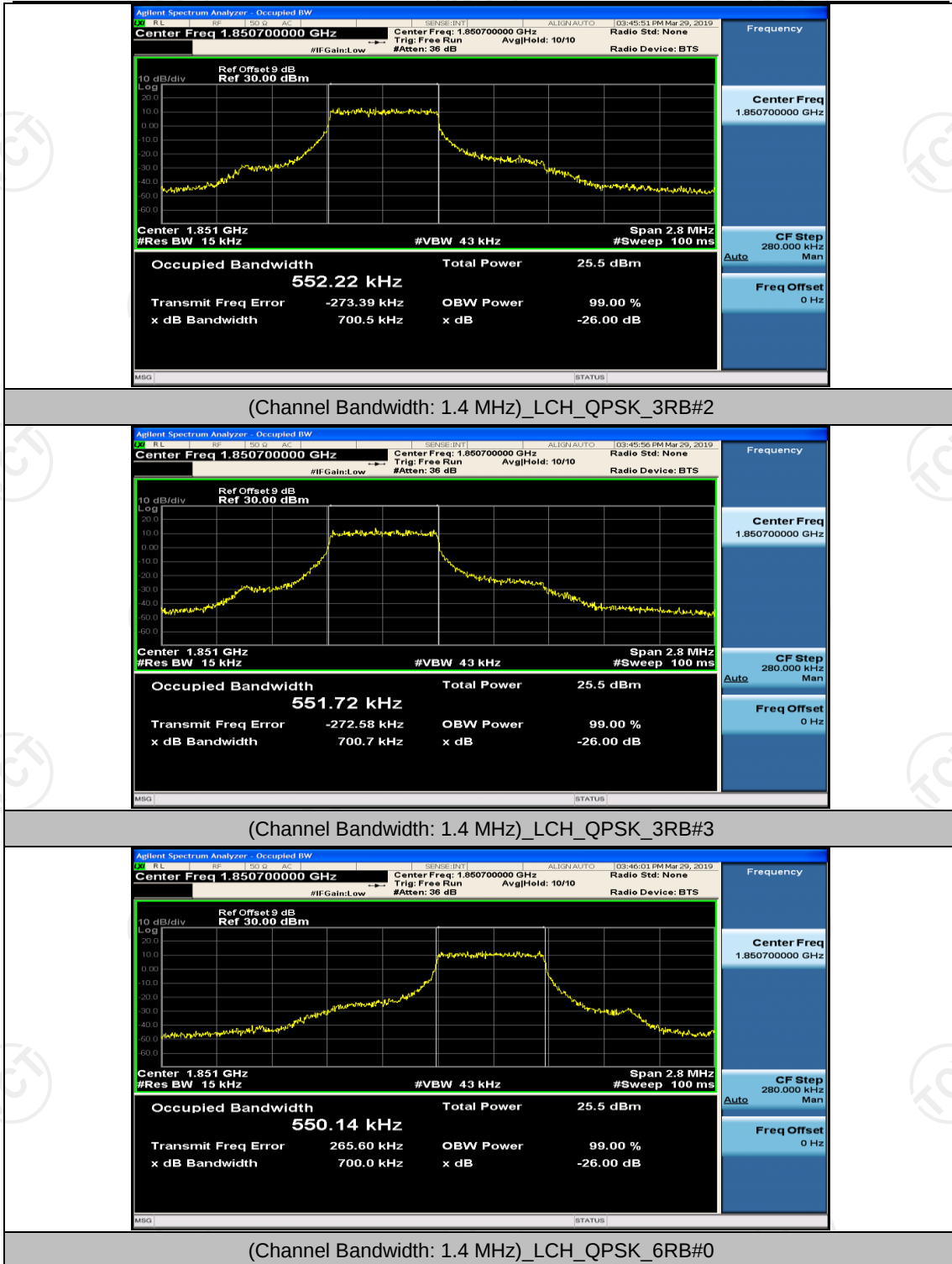
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.56878	0.8242	PASS
		1	50	0.63382	0.9056	PASS
		1	99	0.57670	0.7936	PASS
		50	0	8.9910	9.666	PASS
		50	25	8.9862	9.720	PASS
		50	50	8.9755	9.780	PASS
		100	0	17.849	18.61	PASS
	MCH	1	0	0.57732	0.8357	PASS
		1	50	0.62387	0.8936	PASS
		1	99	0.56948	0.8584	PASS
		50	0	8.9927	9.659	PASS
		50	25	9.0073	9.639	PASS
		50	50	8.9920	9.620	PASS
		100	0	17.795	18.55	PASS
	HCH	1	0	0.56614	0.7841	PASS
		1	50	0.63615	0.8717	PASS
		1	99	0.57885	0.8404	PASS
		50	0	8.9990	9.675	PASS
		50	25	8.9845	9.683	PASS
		50	50	8.9929	9.657	PASS
		100	0	17.835	18.63	PASS
16QAM	LCH	1	0	0.58098	0.7999	PASS
		1	50	0.67645	1.014	PASS
		1	99	0.58235	0.8893	PASS
		50	0	9.0088	9.642	PASS
		50	25	9.0010	9.666	PASS
		50	50	9.0046	9.747	PASS
		100	0	17.829	18.63	PASS
	MCH	1	0	0.57418	0.7985	PASS
		1	50	0.63031	0.8183	PASS
		1	99	0.57167	0.8119	PASS

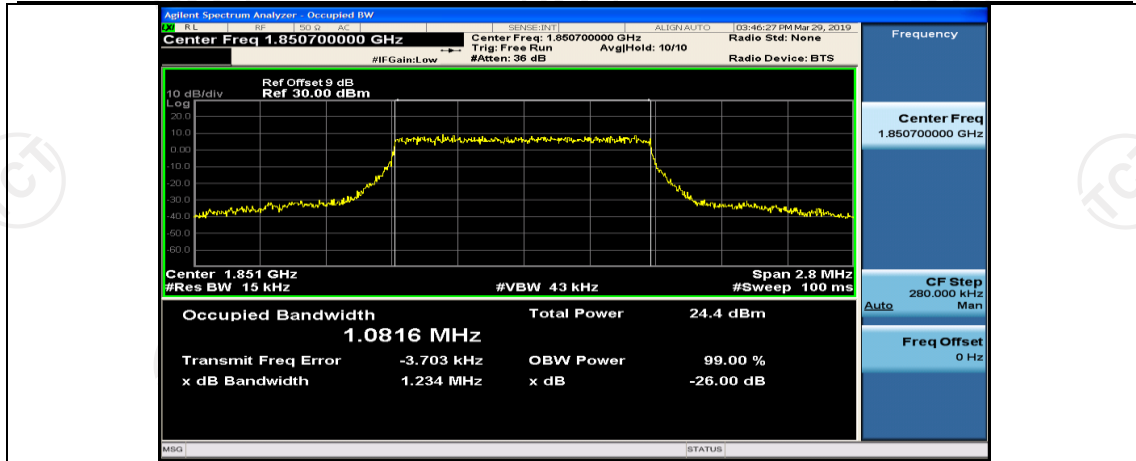
		50	0	8.9818	9.648	PASS
		50	25	8.9903	9.635	PASS
		50	50	8.9942	9.649	PASS
		100	0	17.815	18.55	PASS
	HCH	1	0	0.57730	0.8181	PASS
		1	50	0.66947	0.9005	PASS
		1	99	0.59170	0.8462	PASS
		50	0	8.9744	9.686	PASS
		50	25	8.9778	9.670	PASS
		50	50	8.9738	9.579	PASS
		100	0	17.862	18.68	PASS

Test Graphs

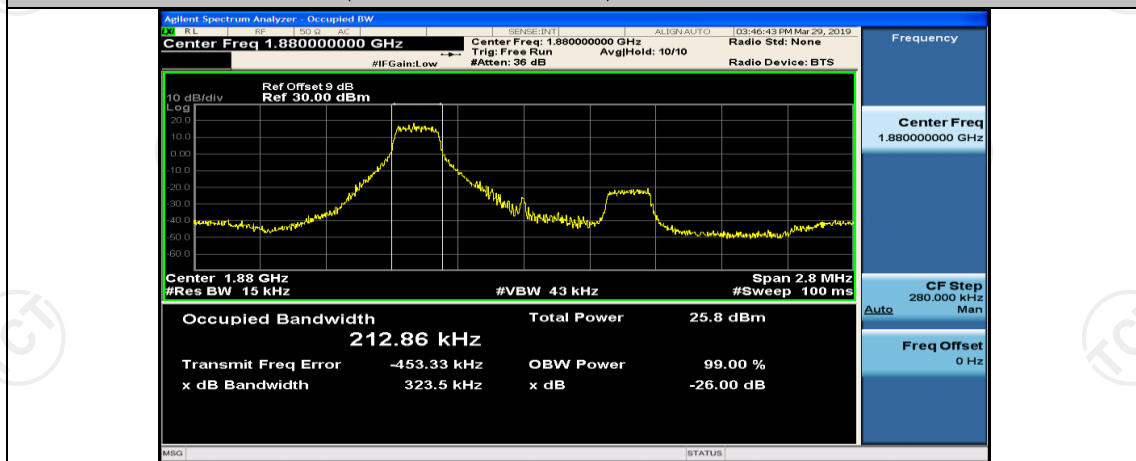
Channel Bandwidth: 1.4 MHz



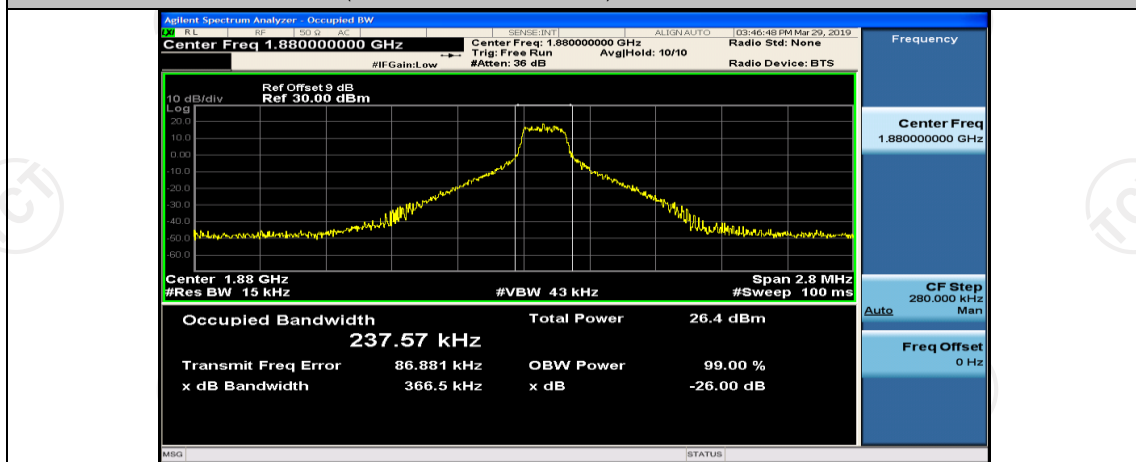




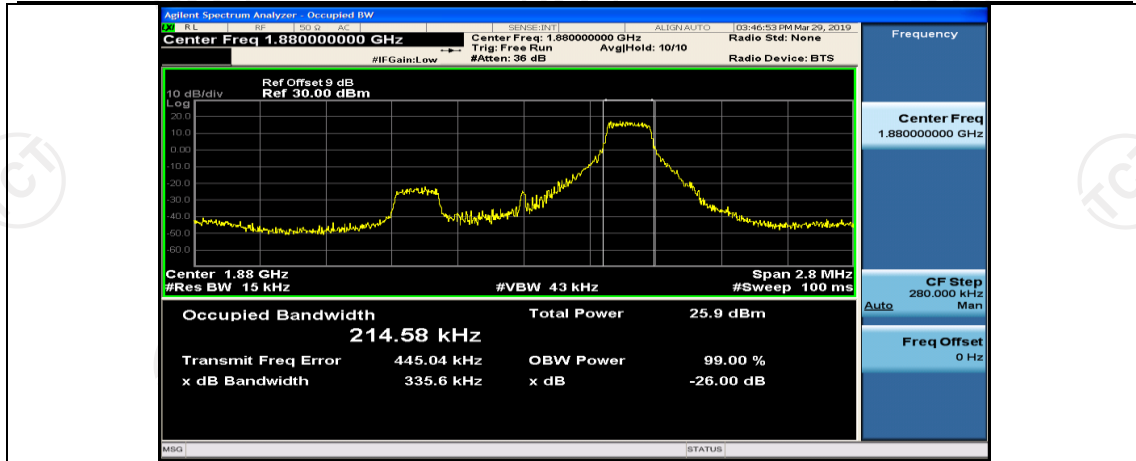
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



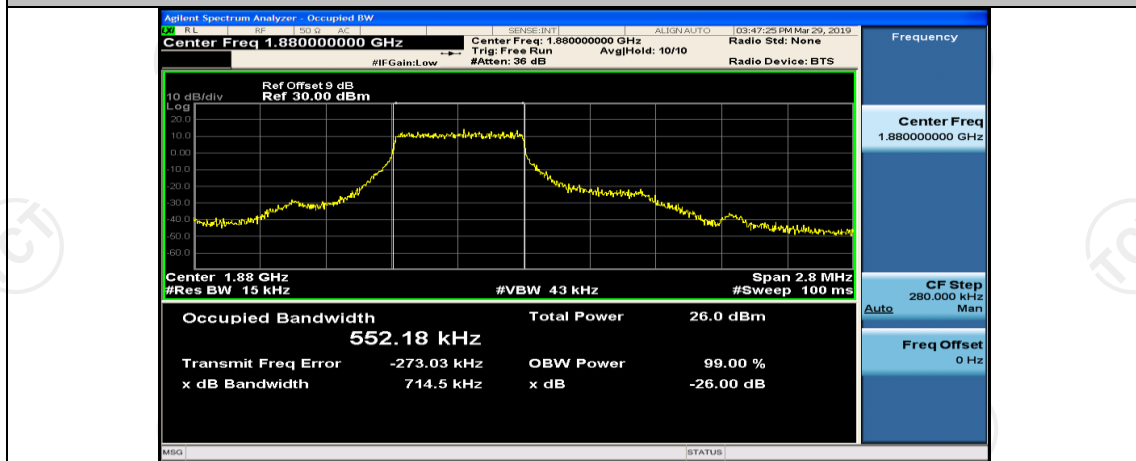
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



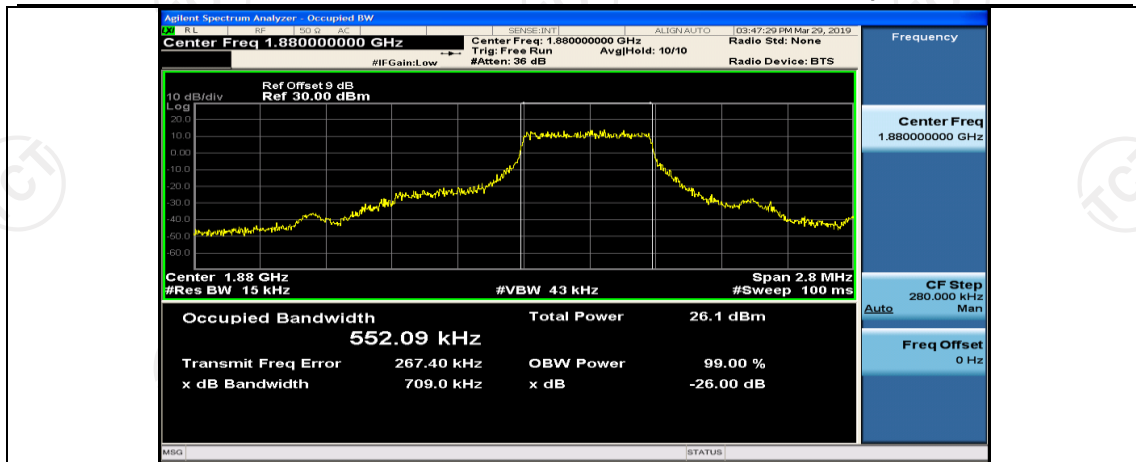
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



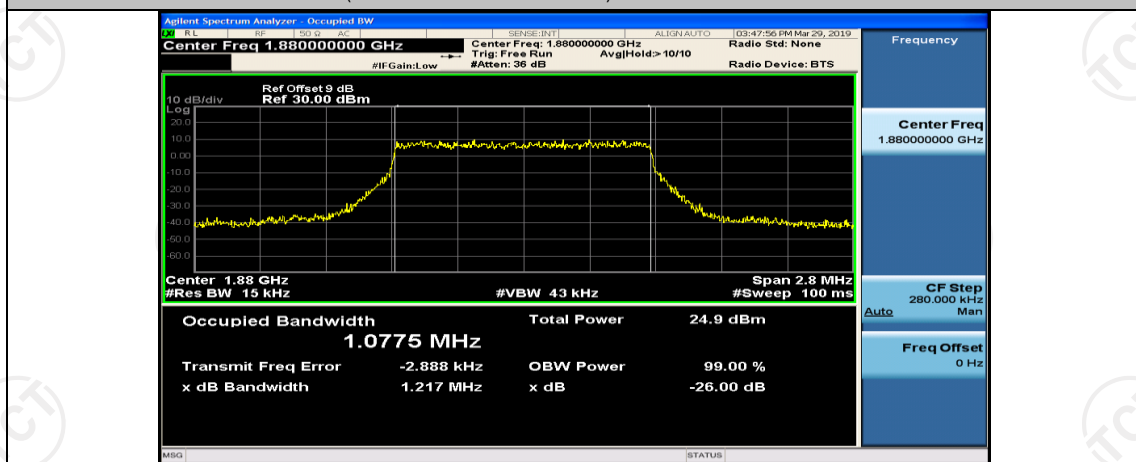
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



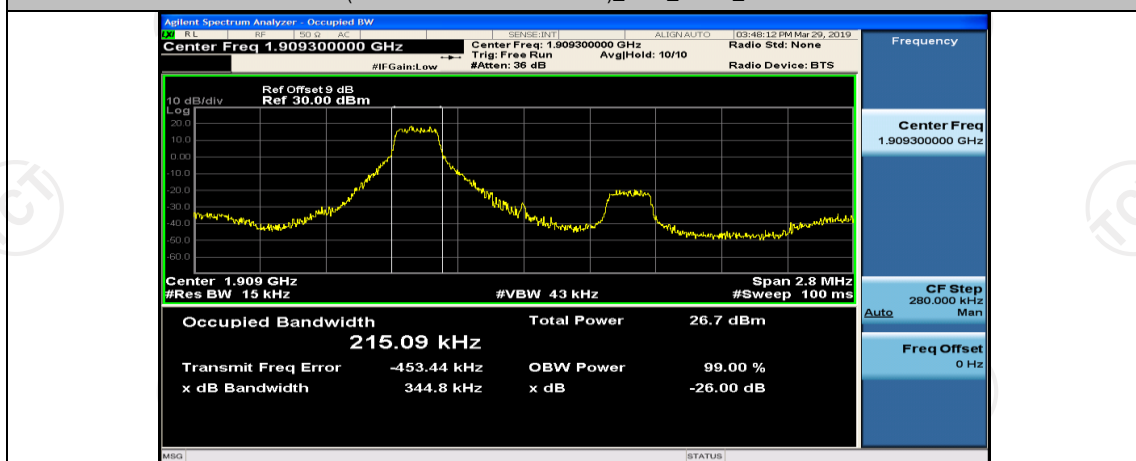
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



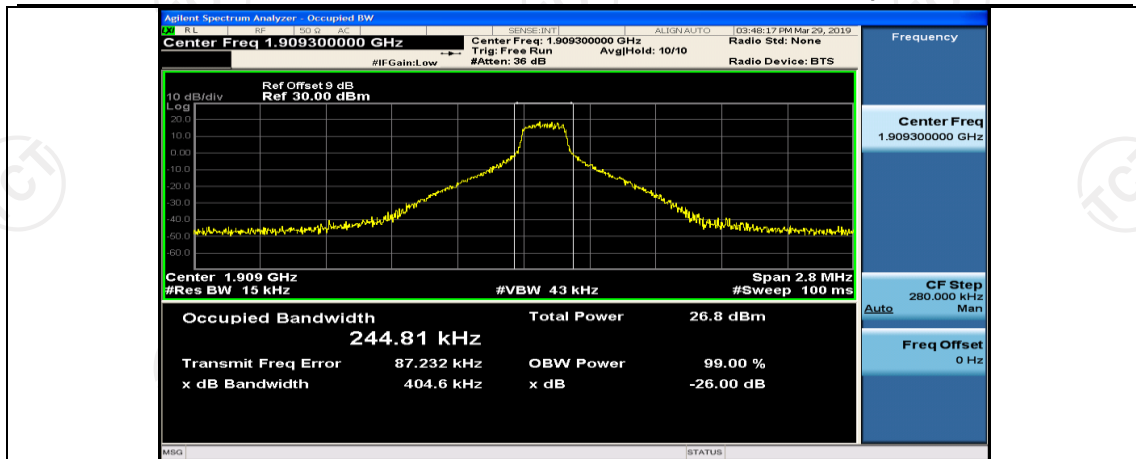
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



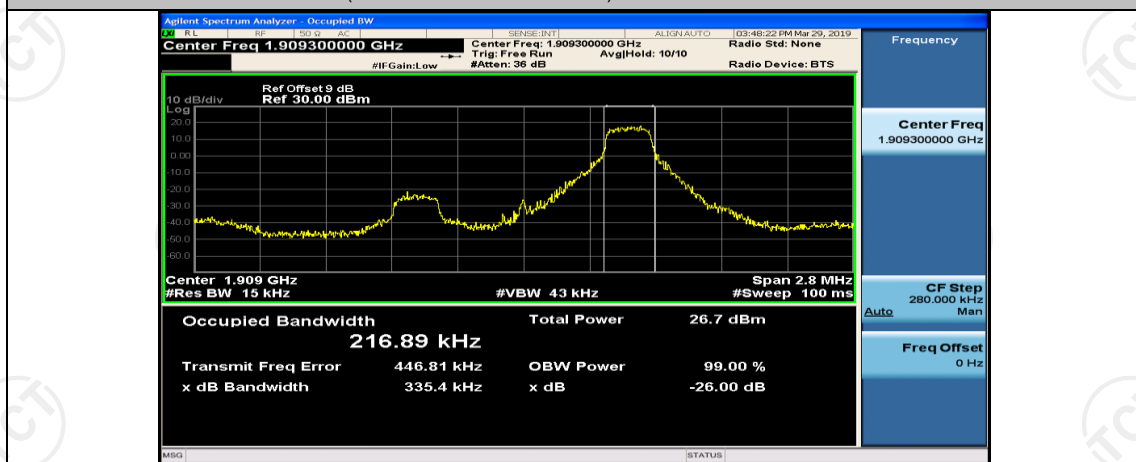
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



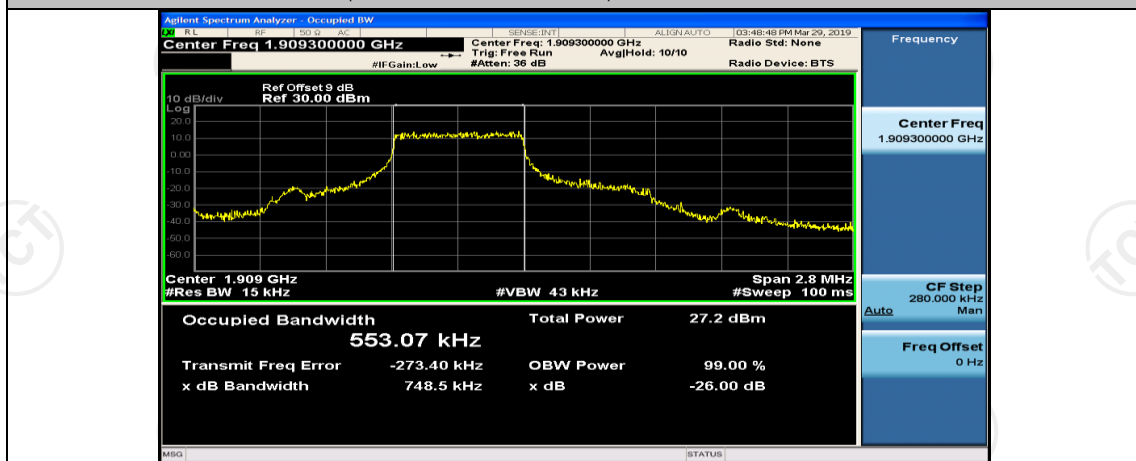
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2

