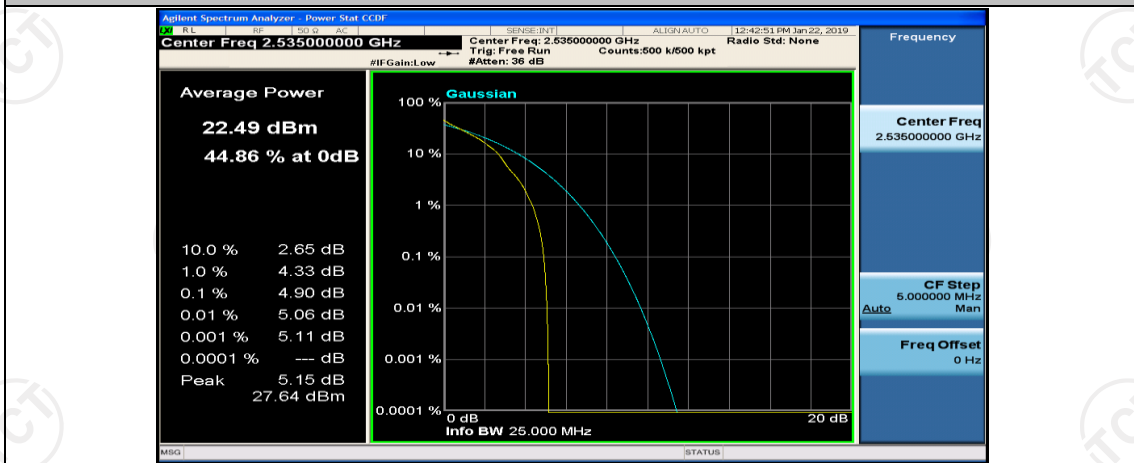
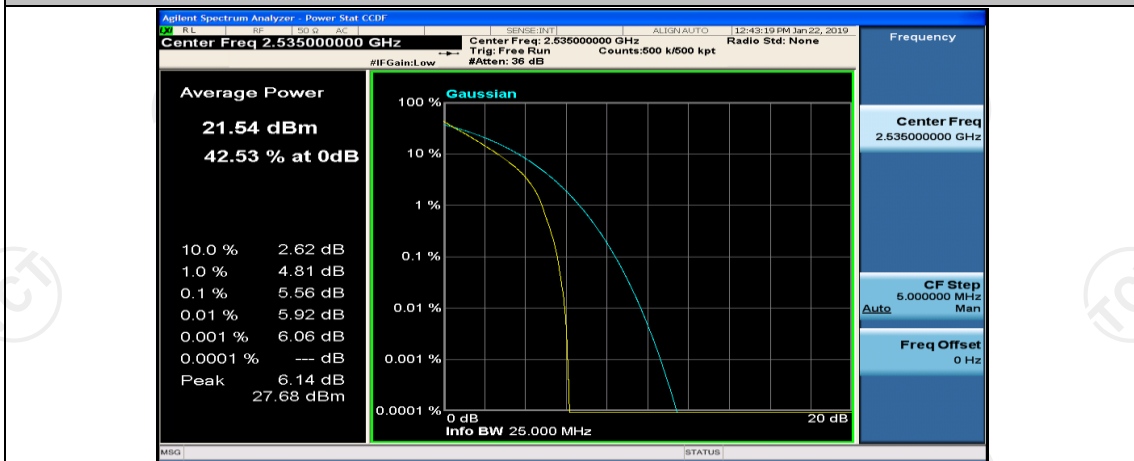


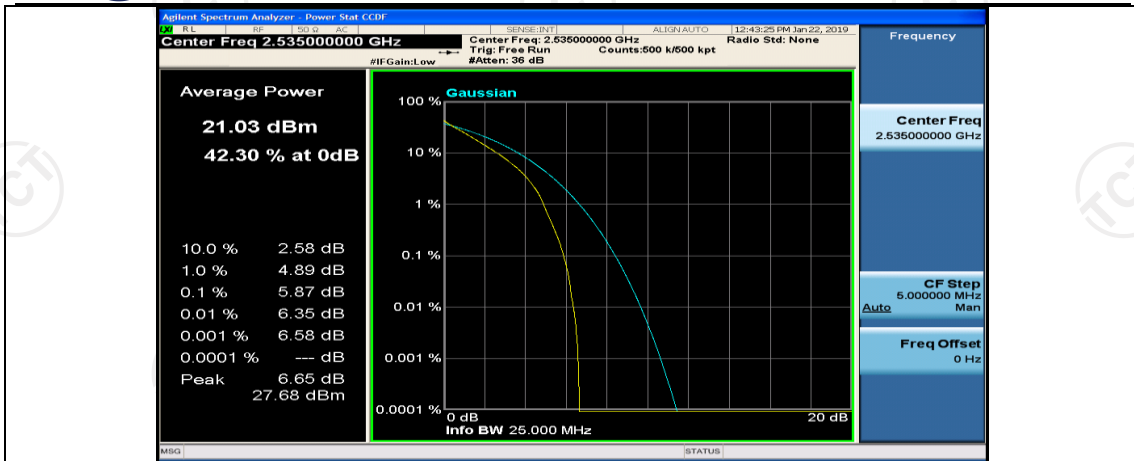
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



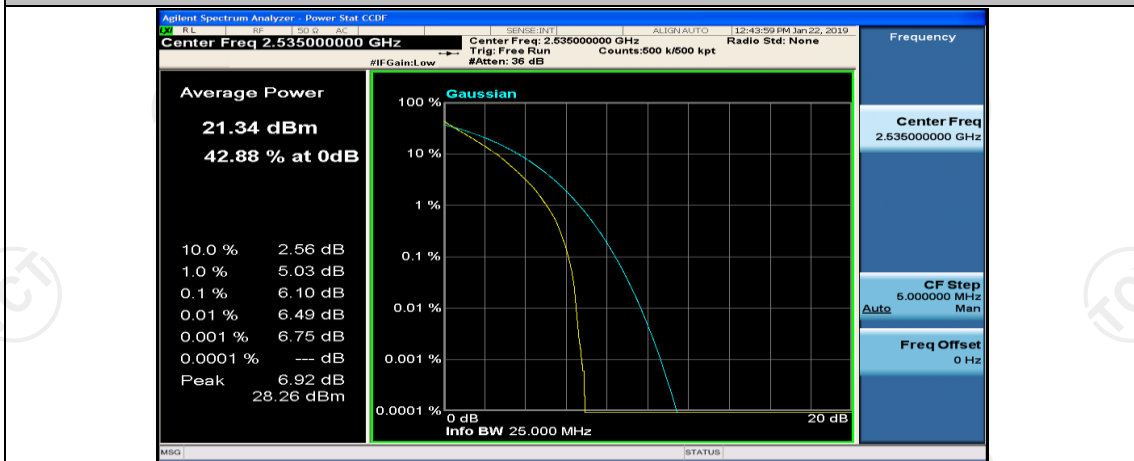
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



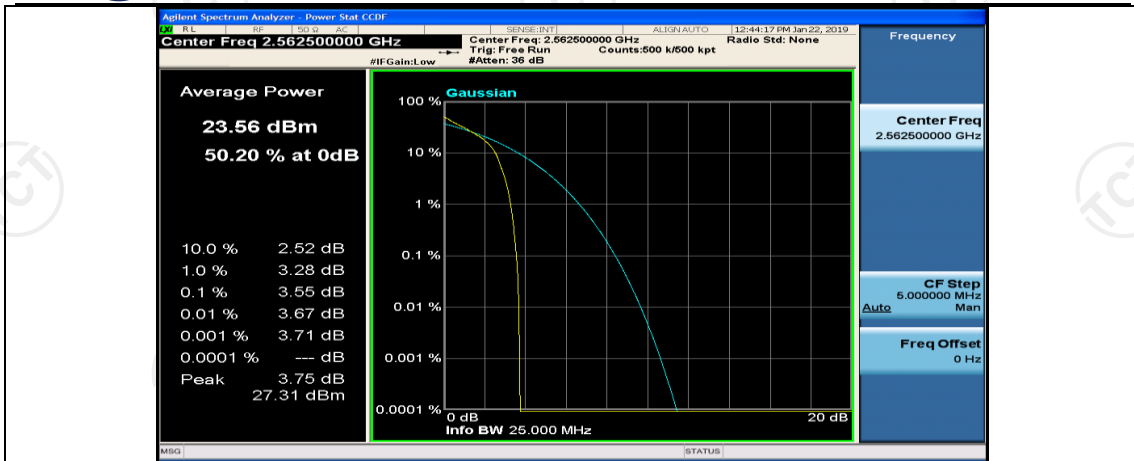
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



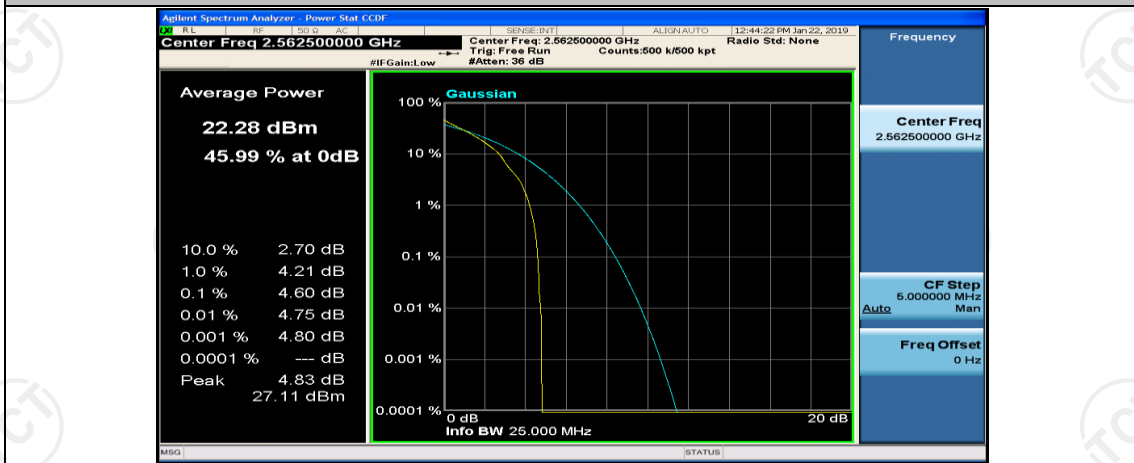
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



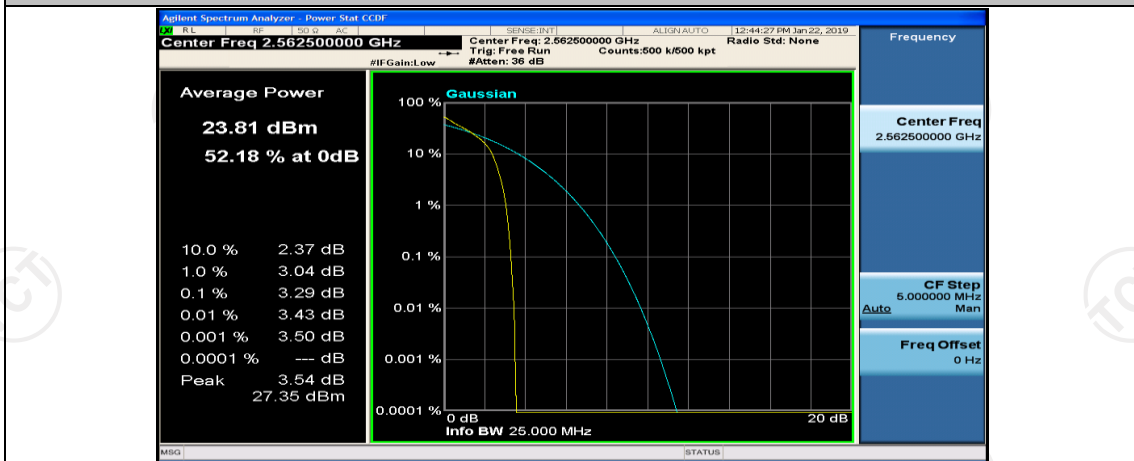
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



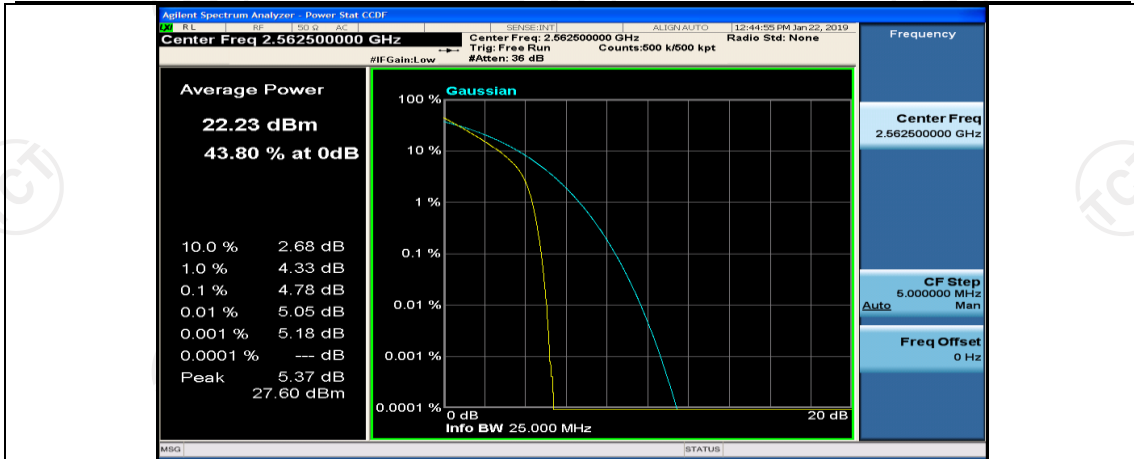
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



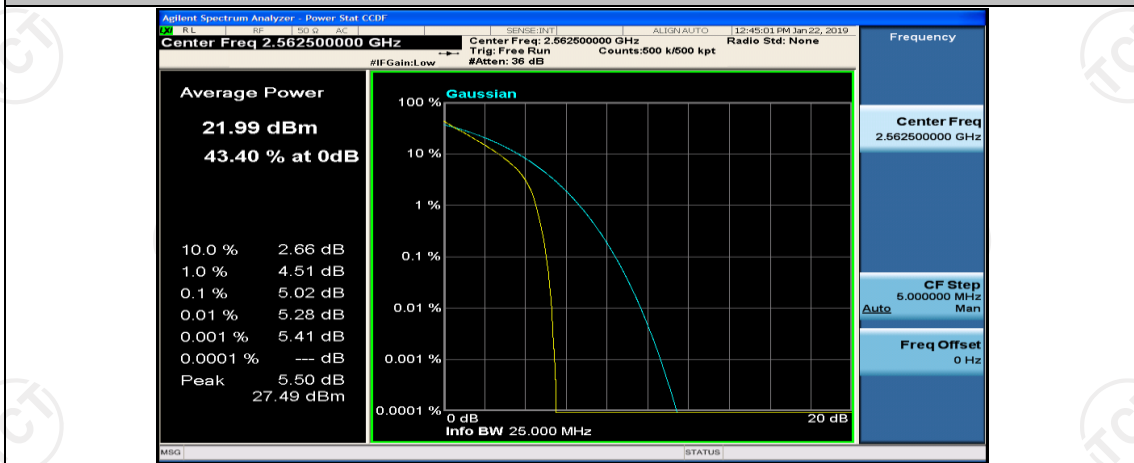
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



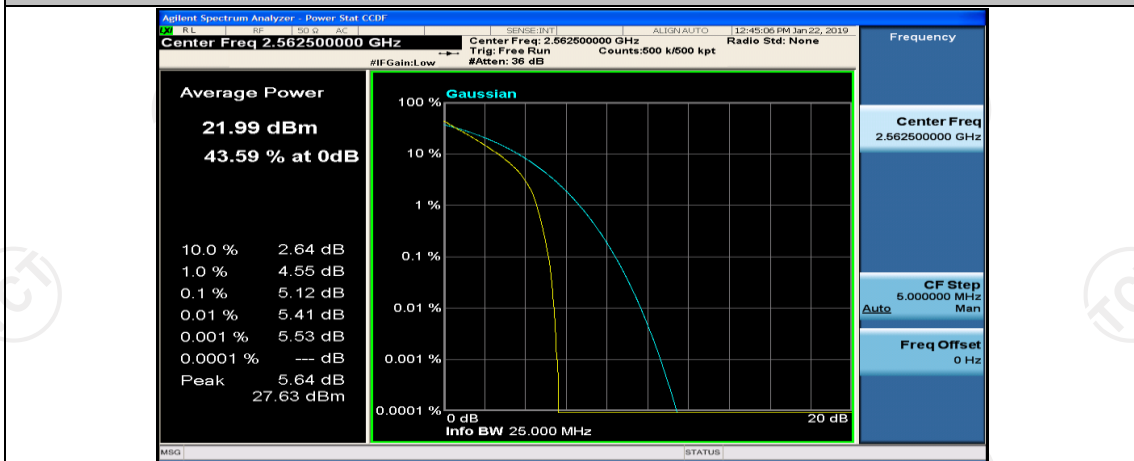
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



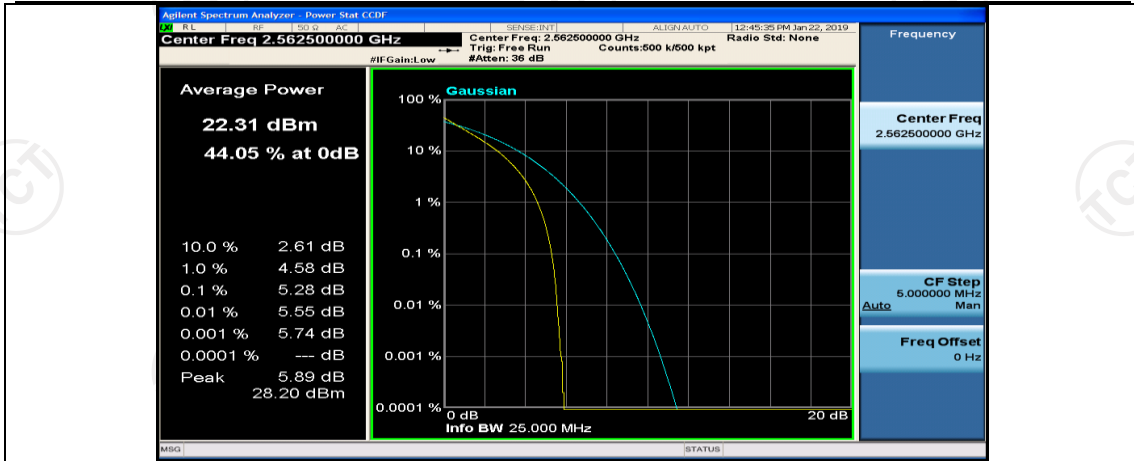
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



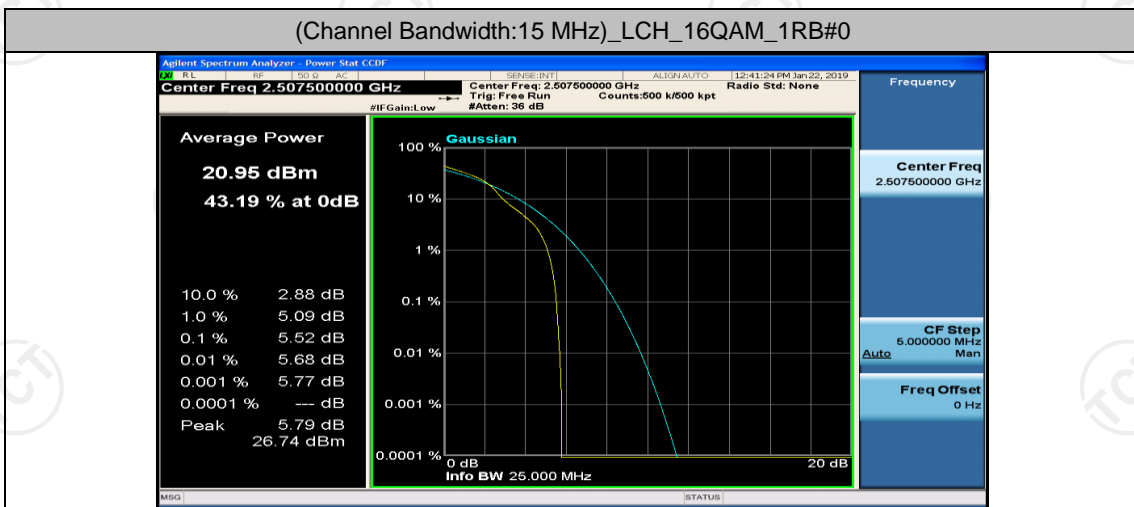
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



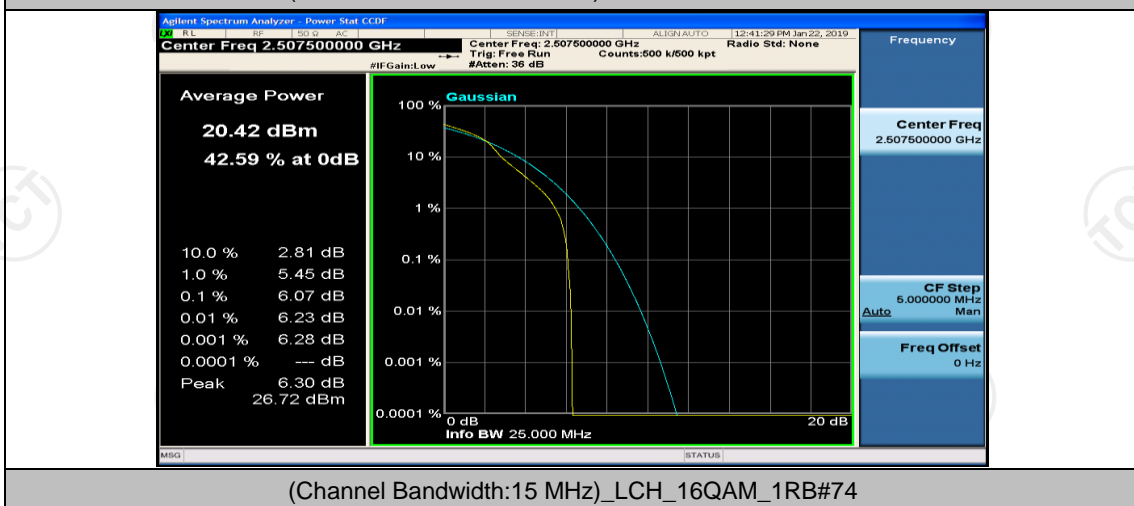
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



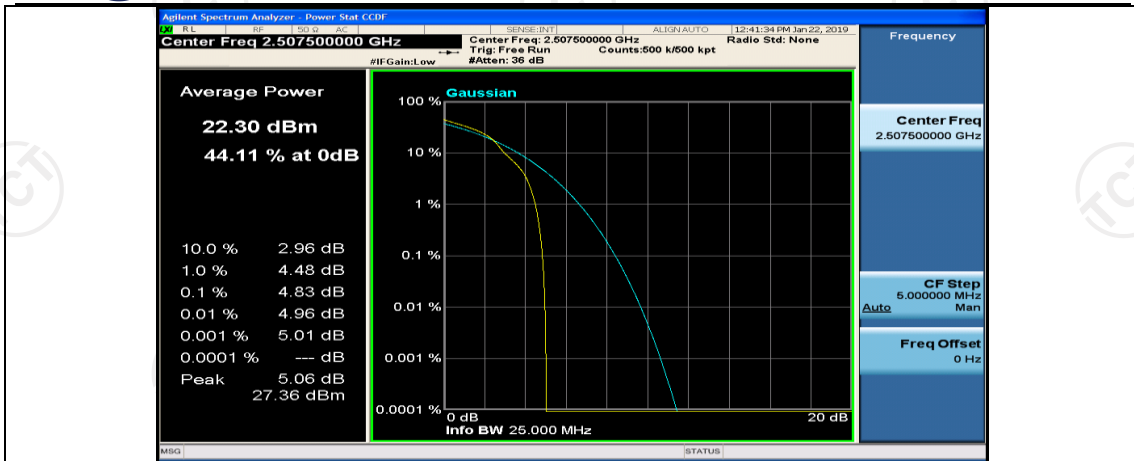
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



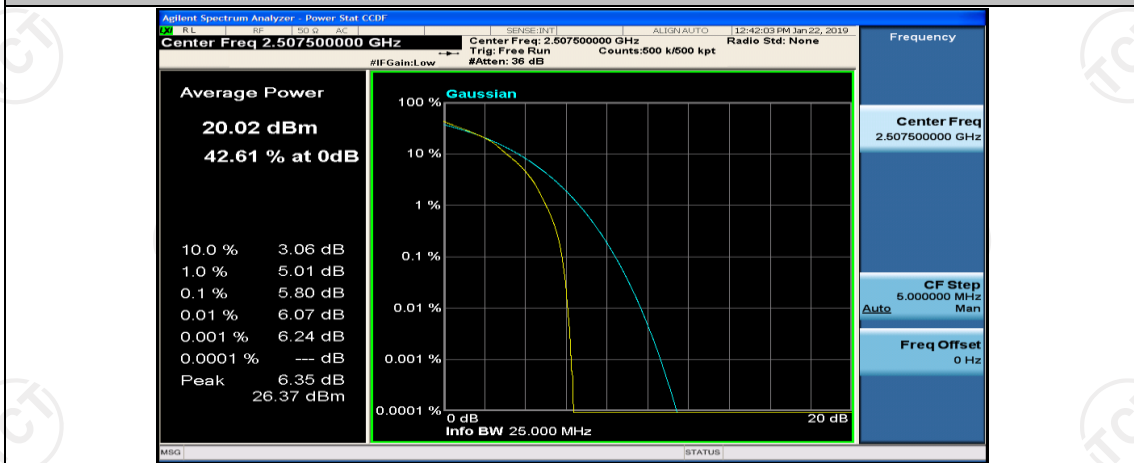
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



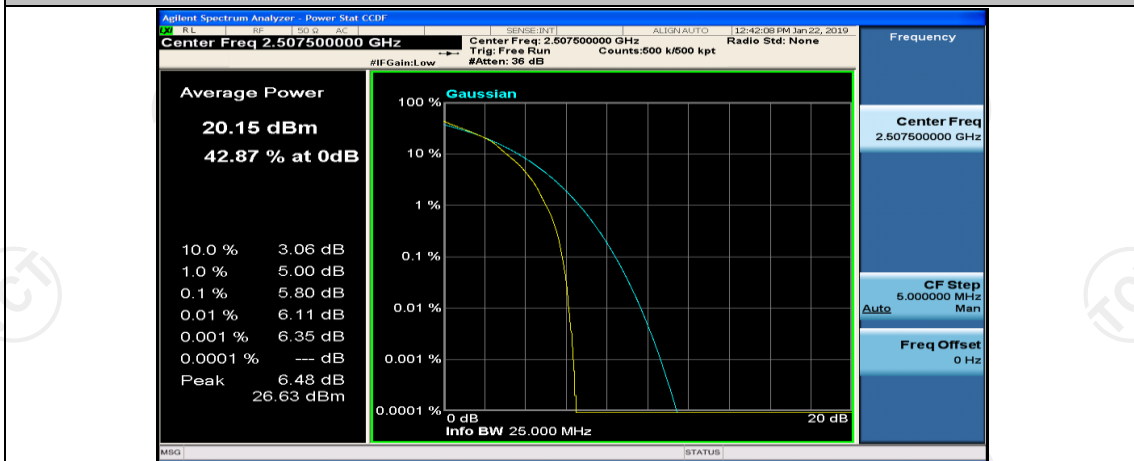
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



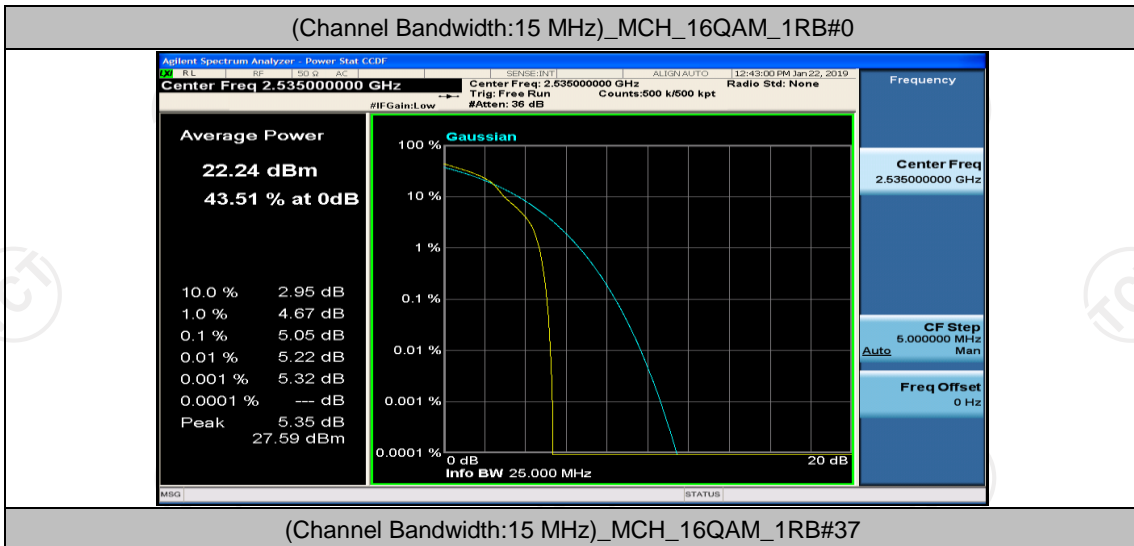
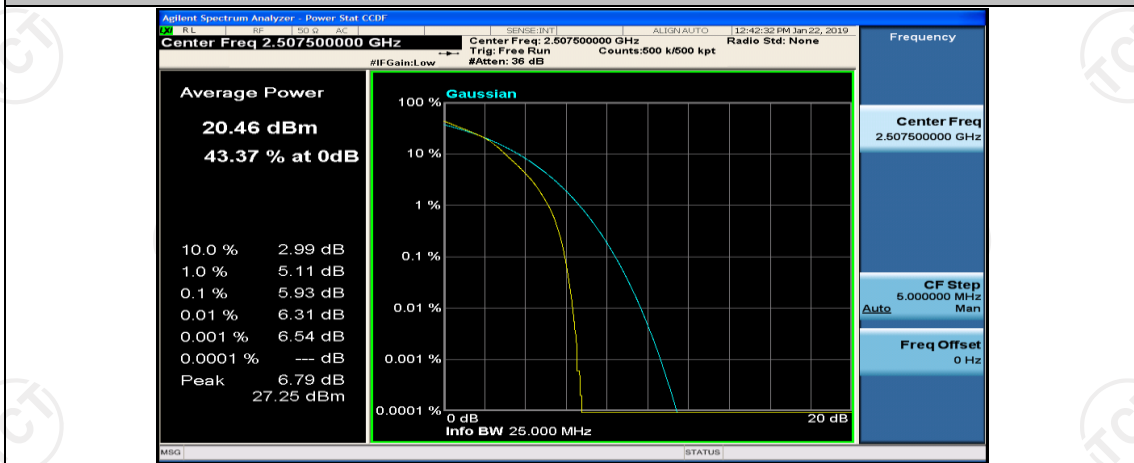
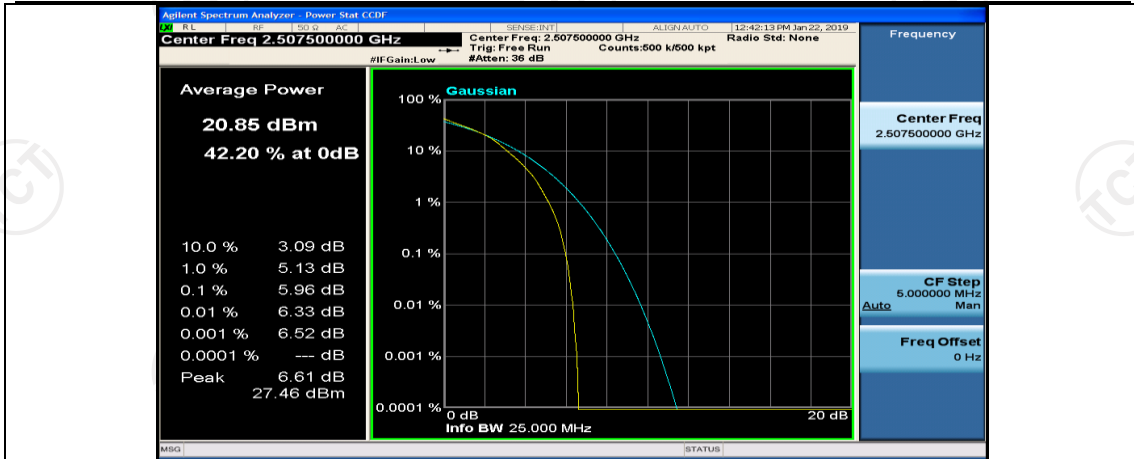
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



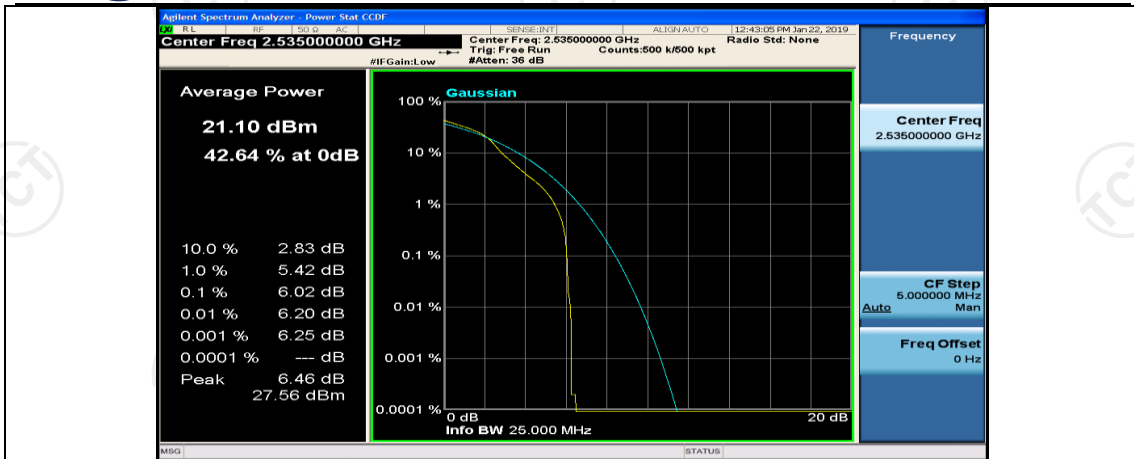
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



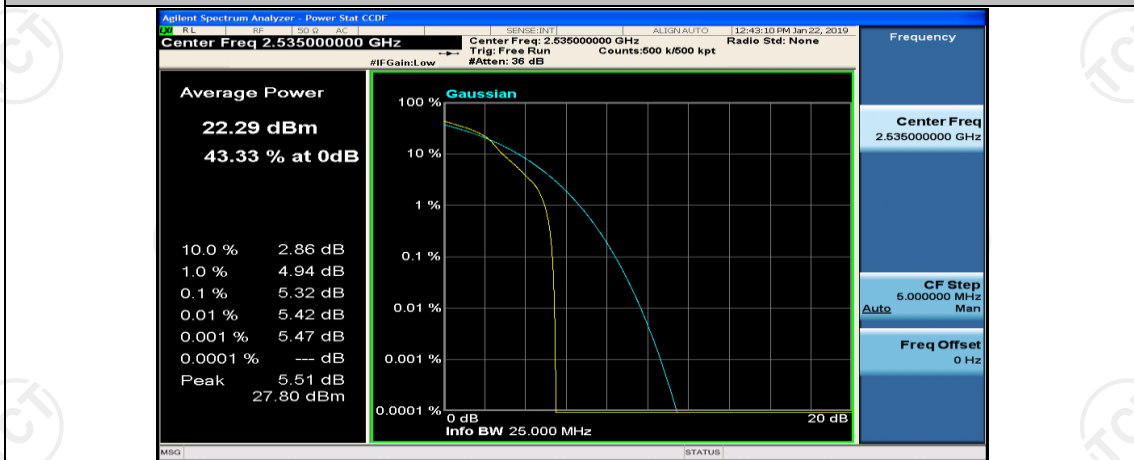
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



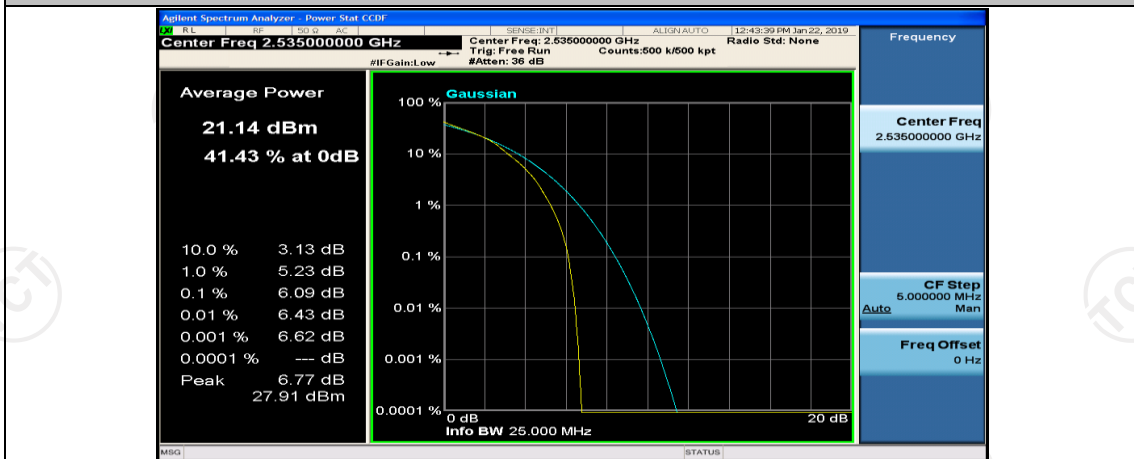
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



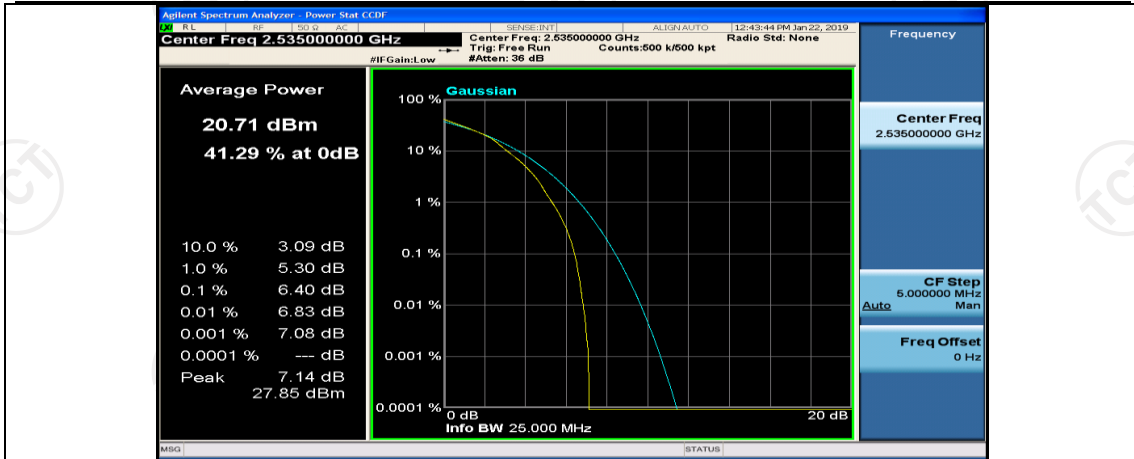
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



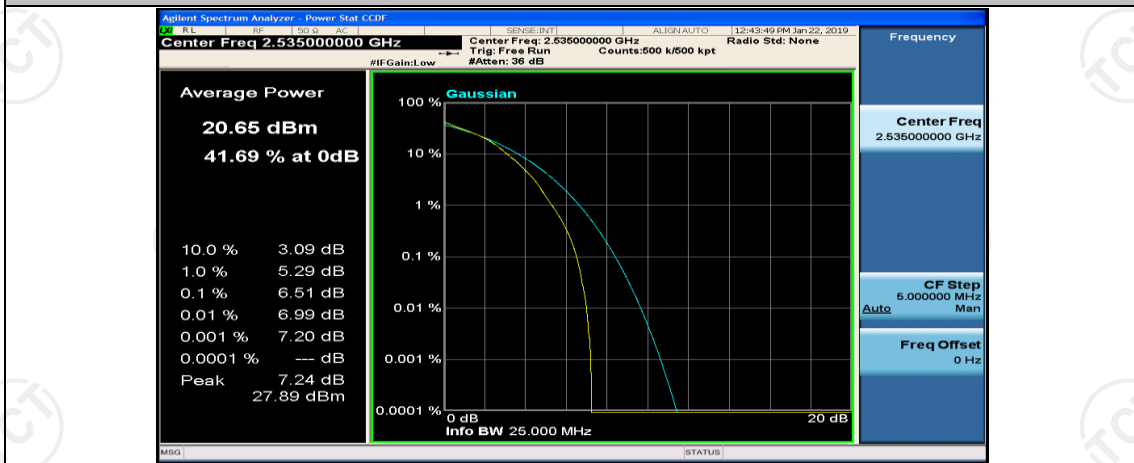
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



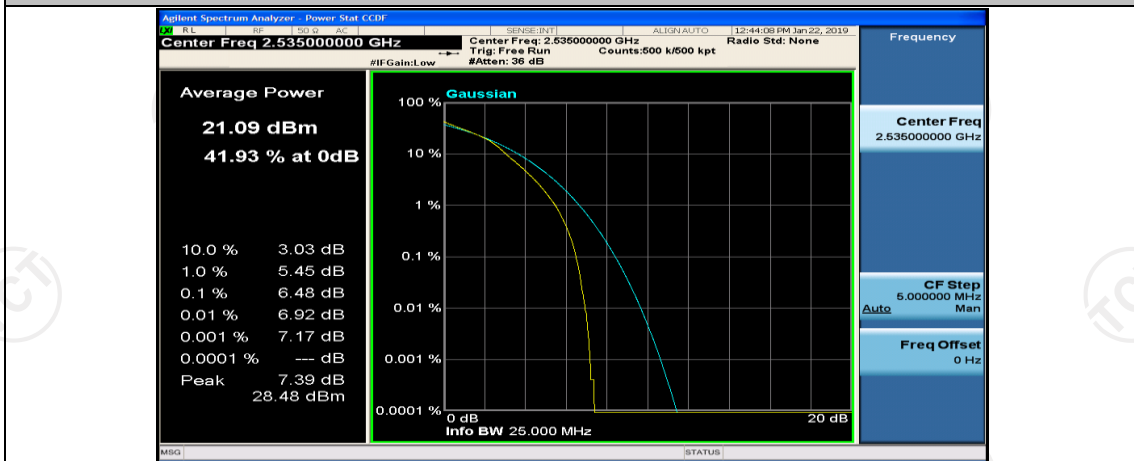
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



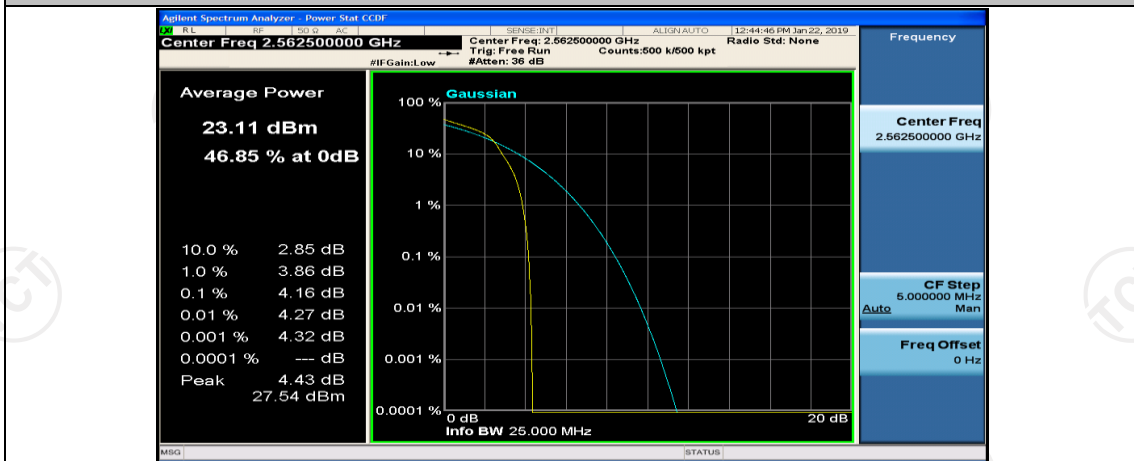
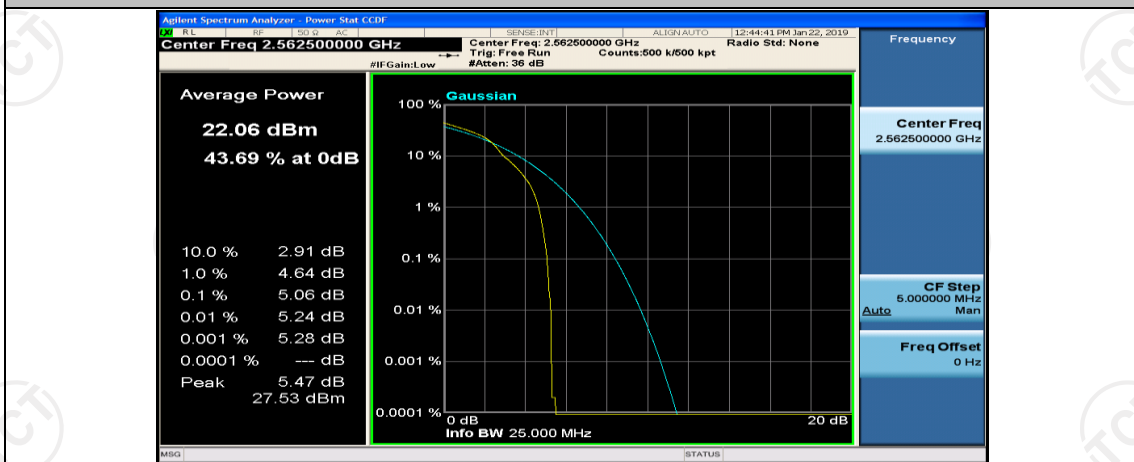
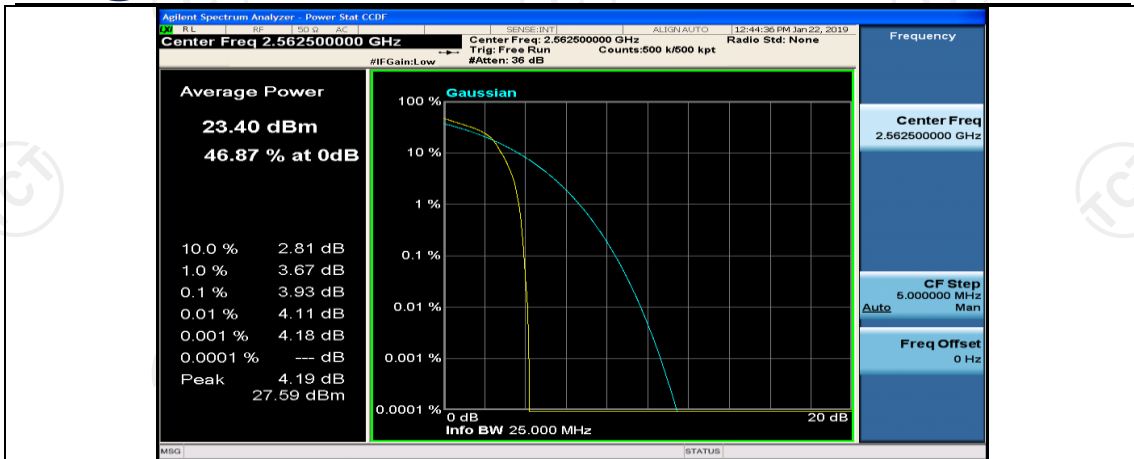
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38

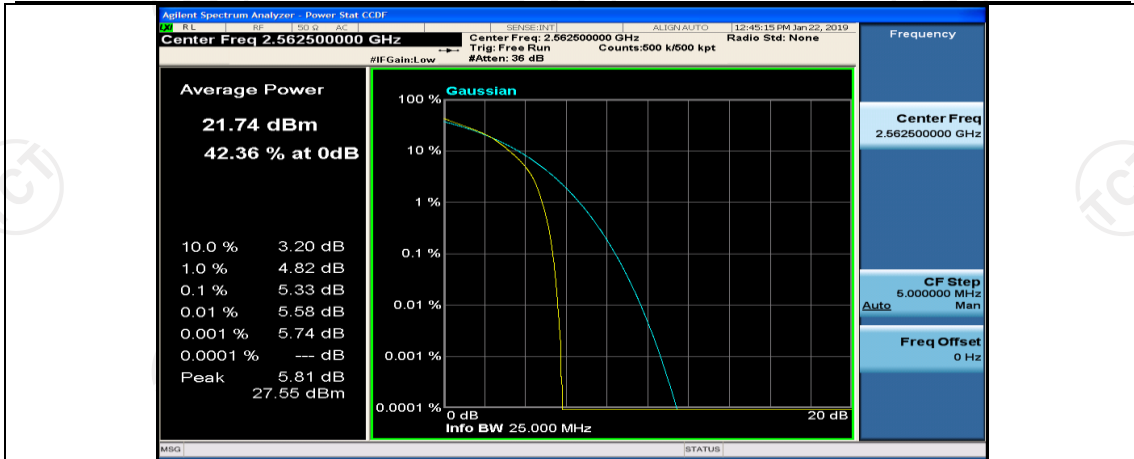


(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

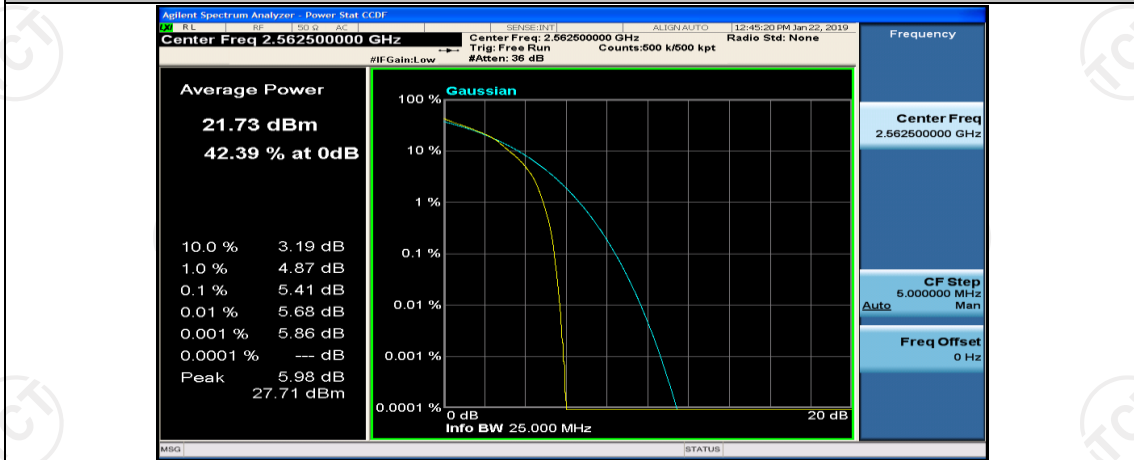


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

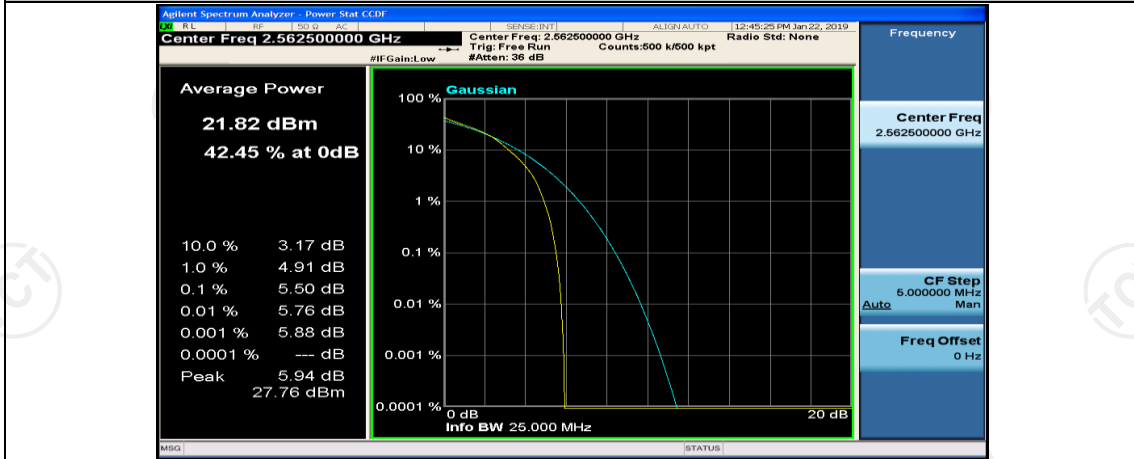




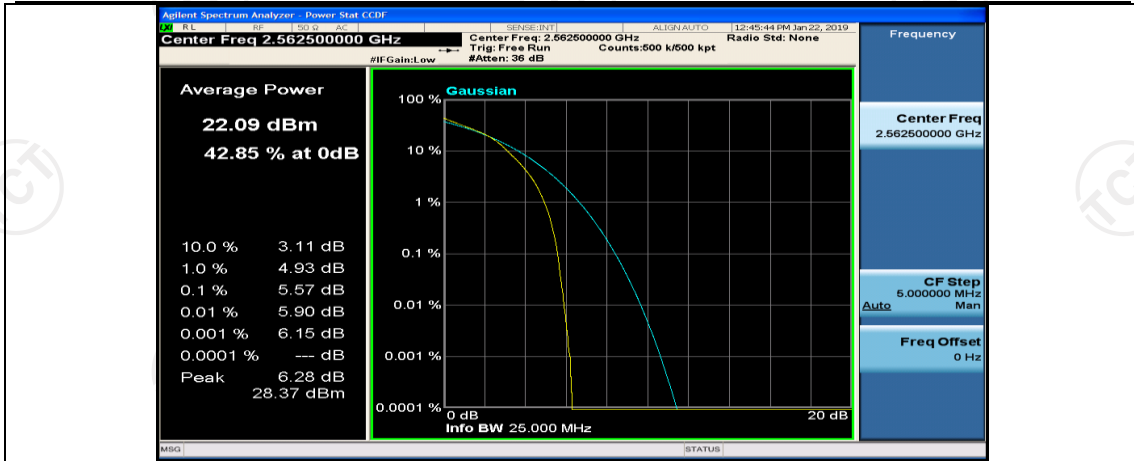
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



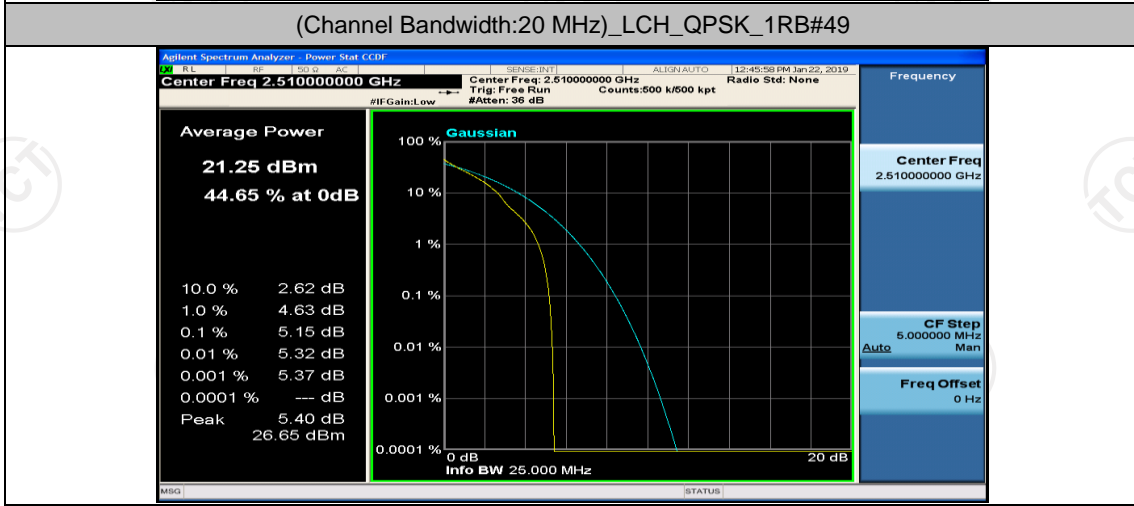
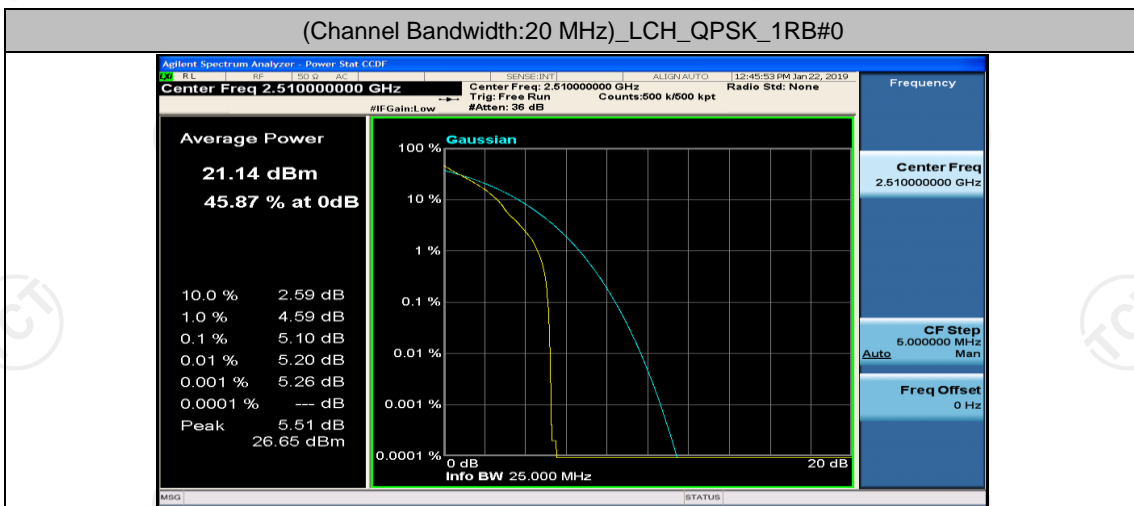
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38

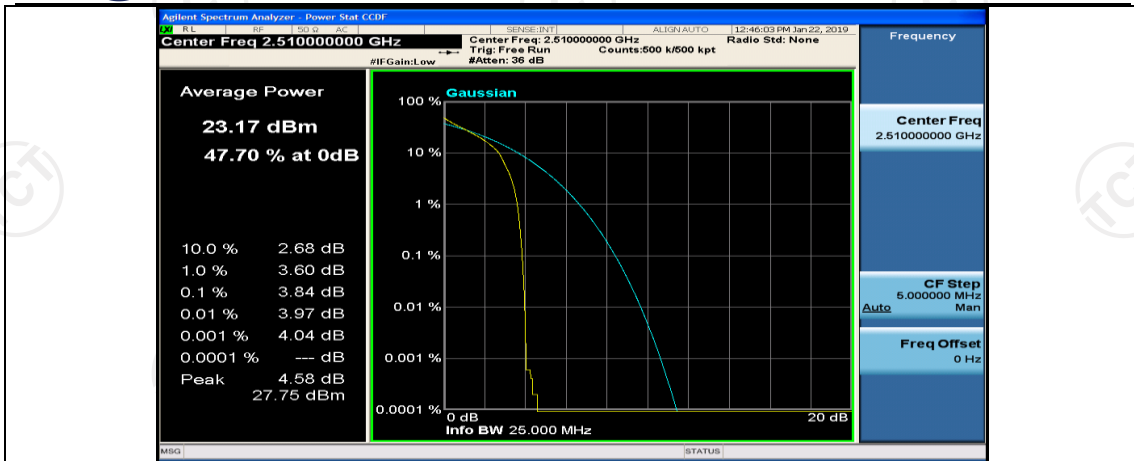


(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

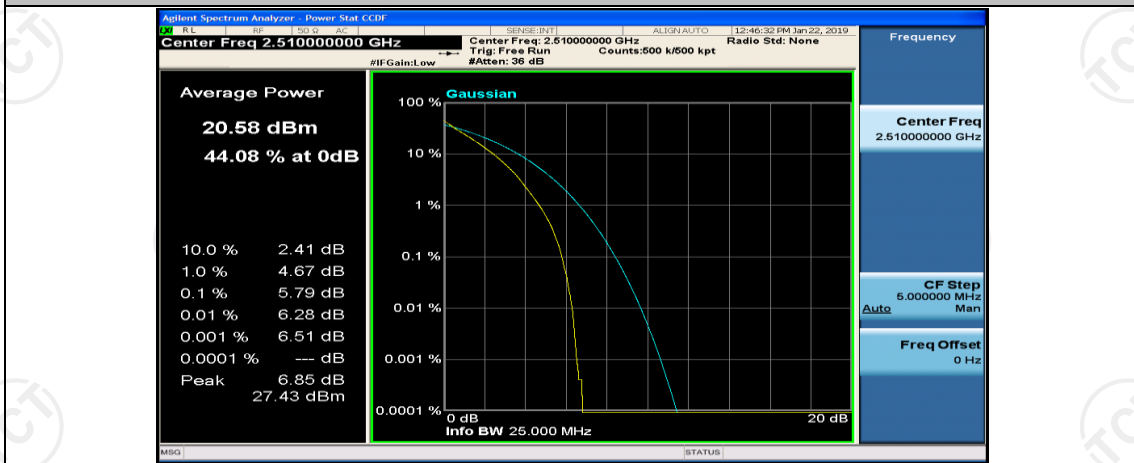


Channel Bandwidth: 20 MHz

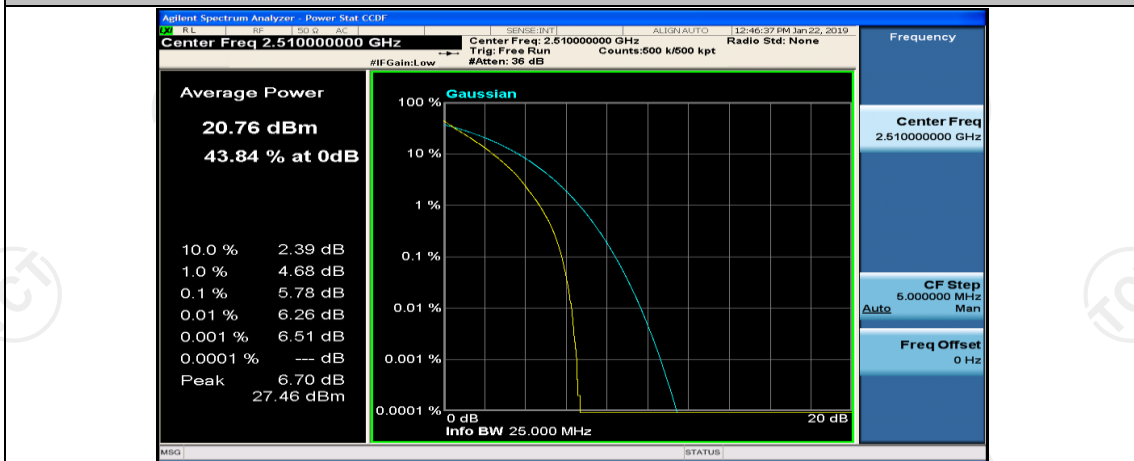




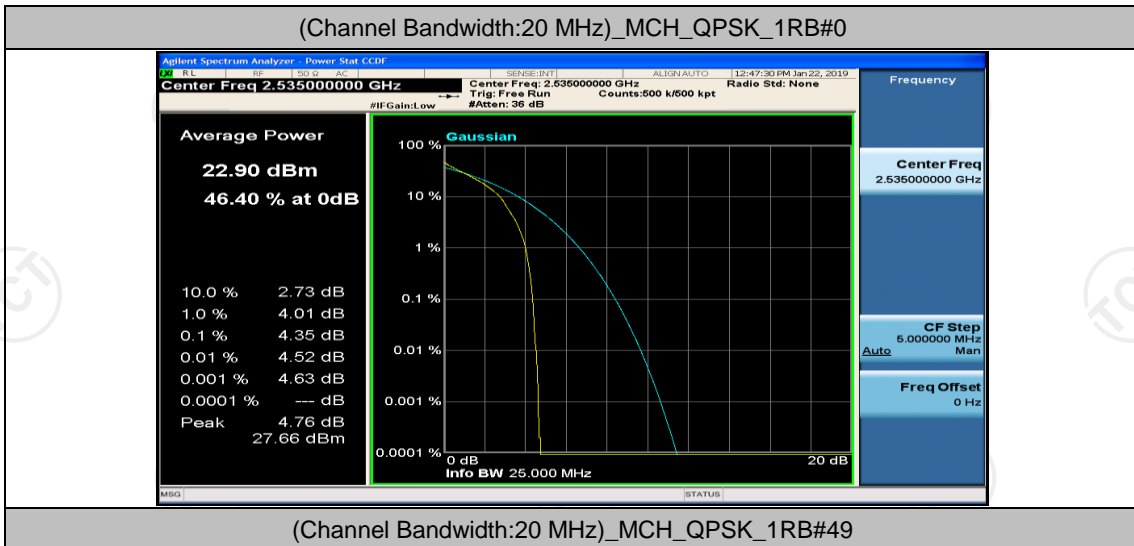
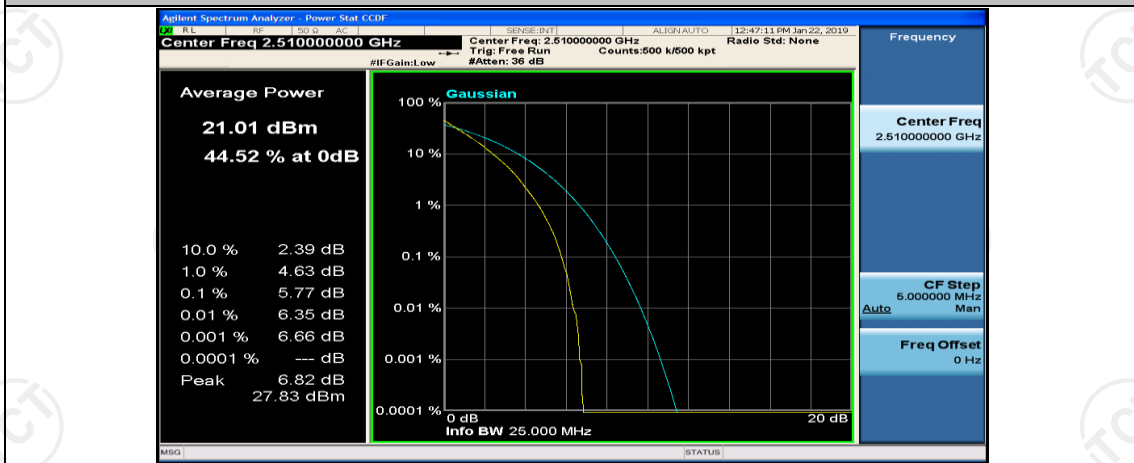
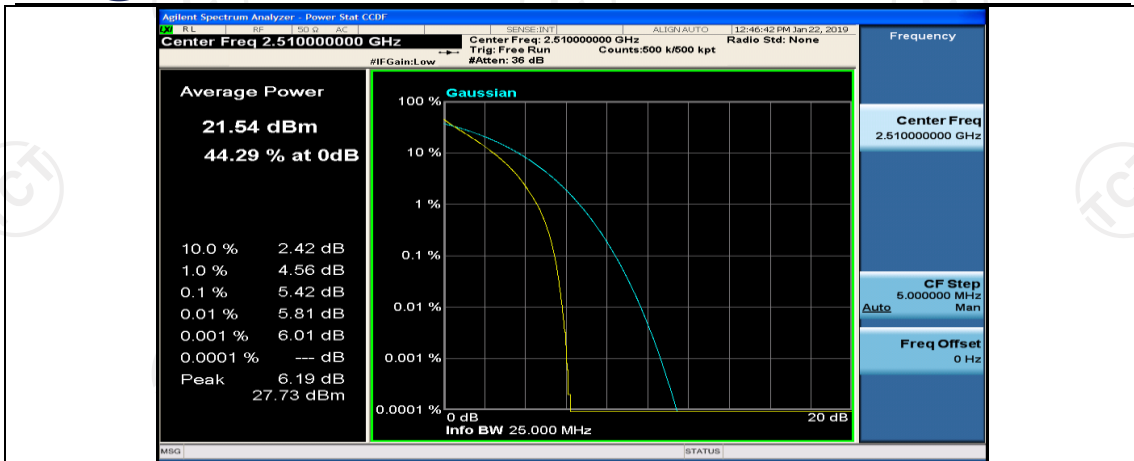
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0

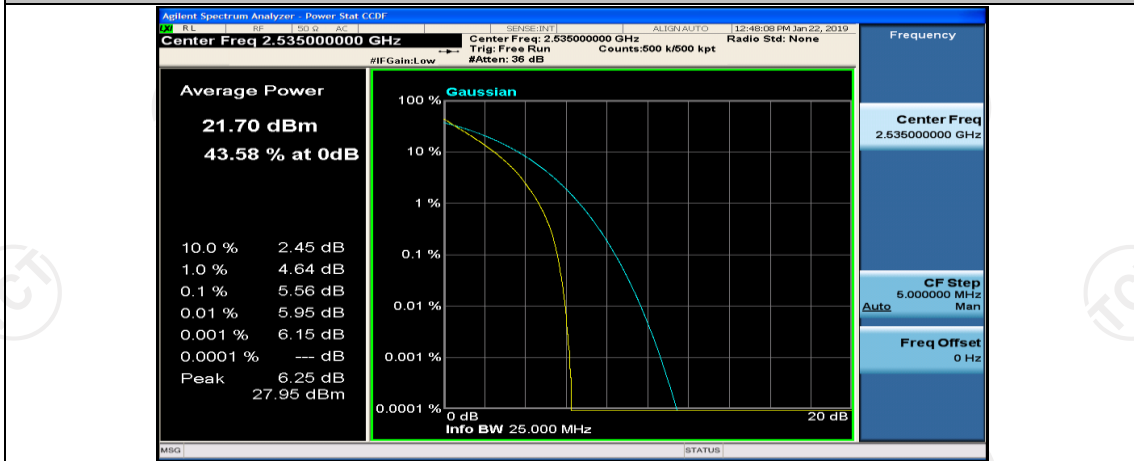
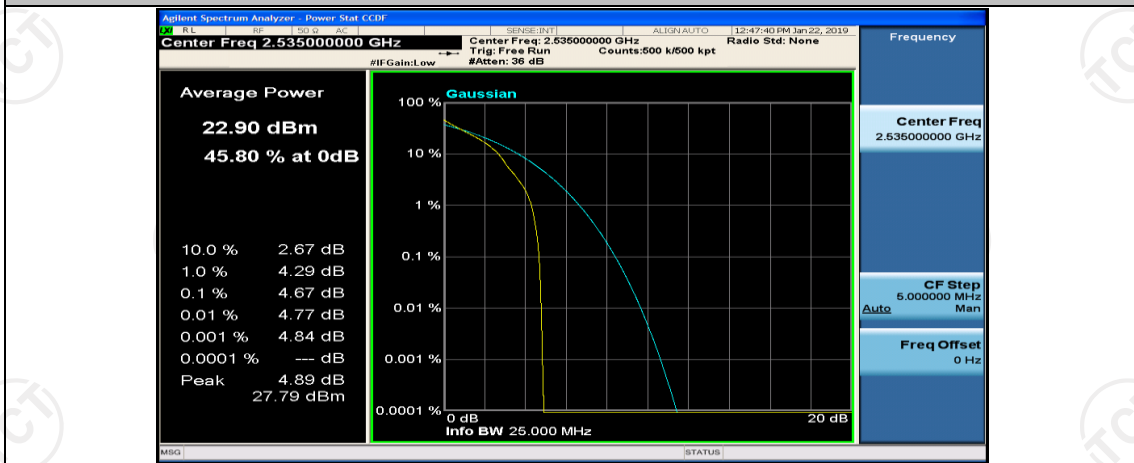
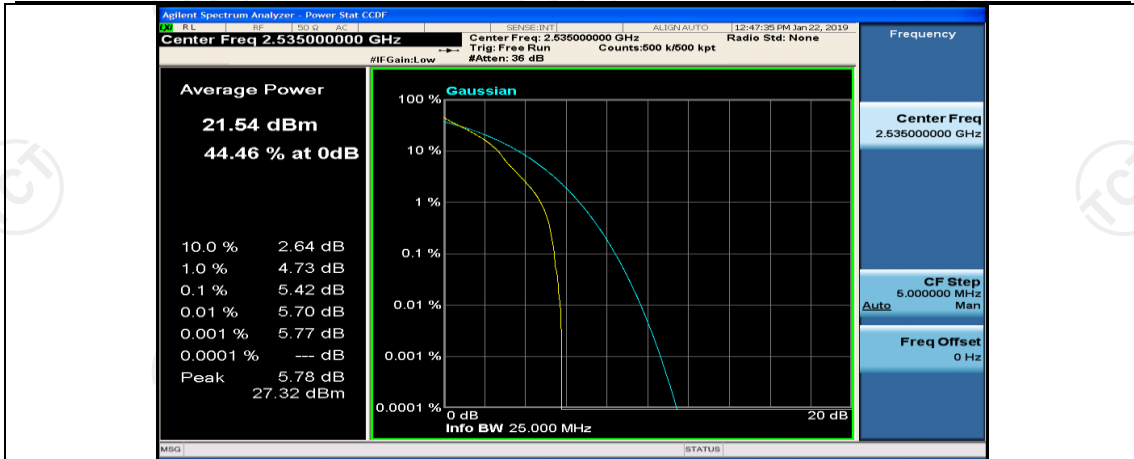


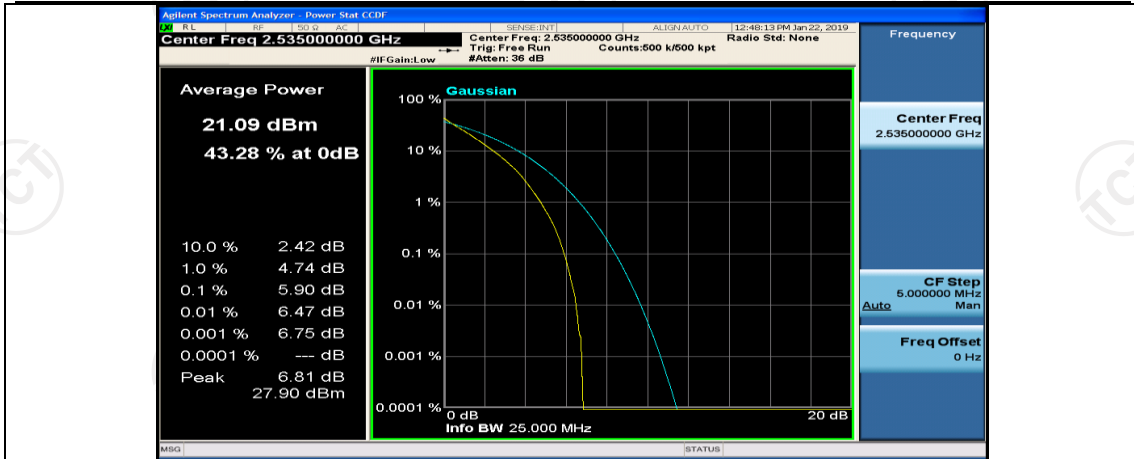
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



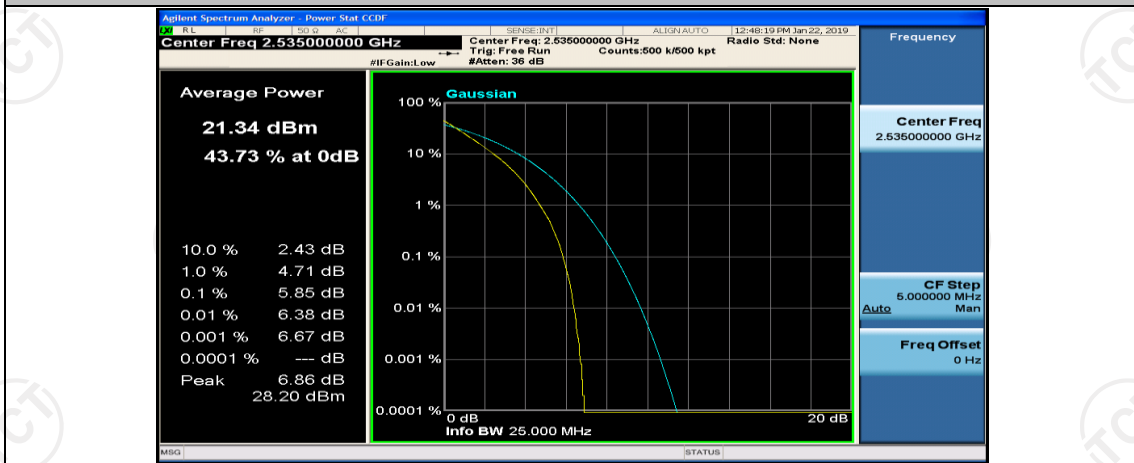
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



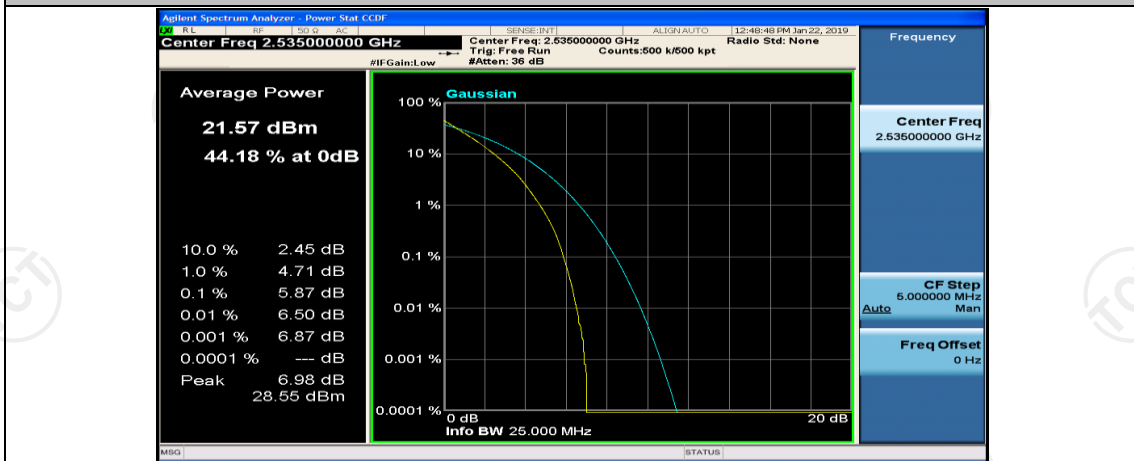




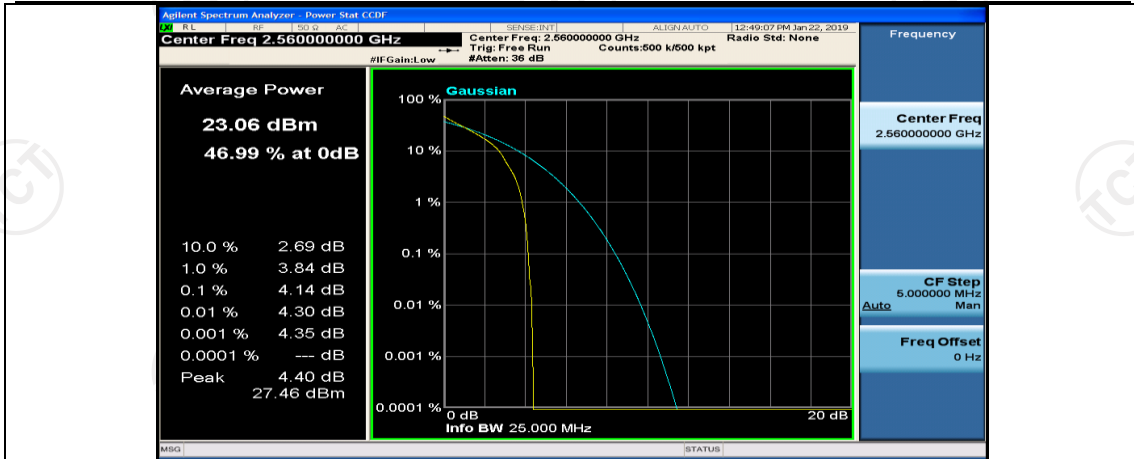
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0



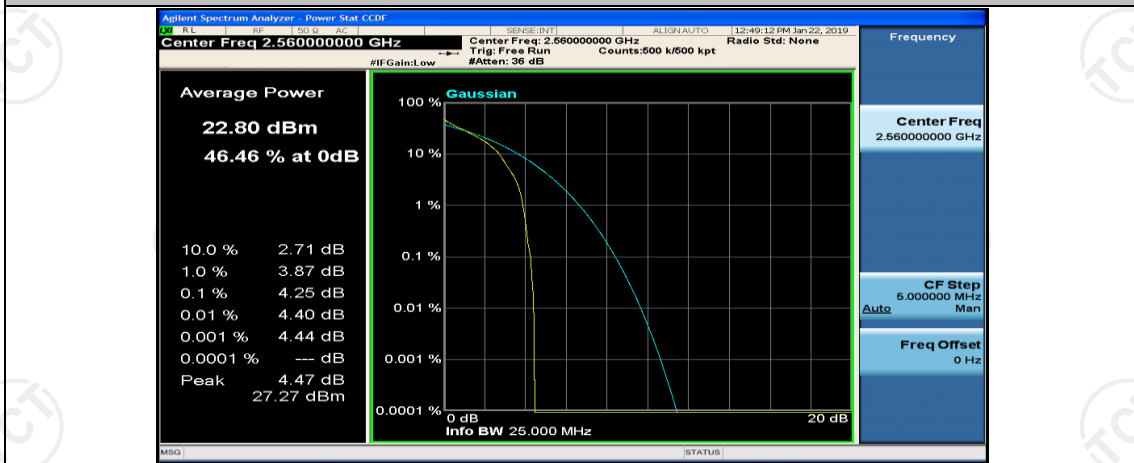
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



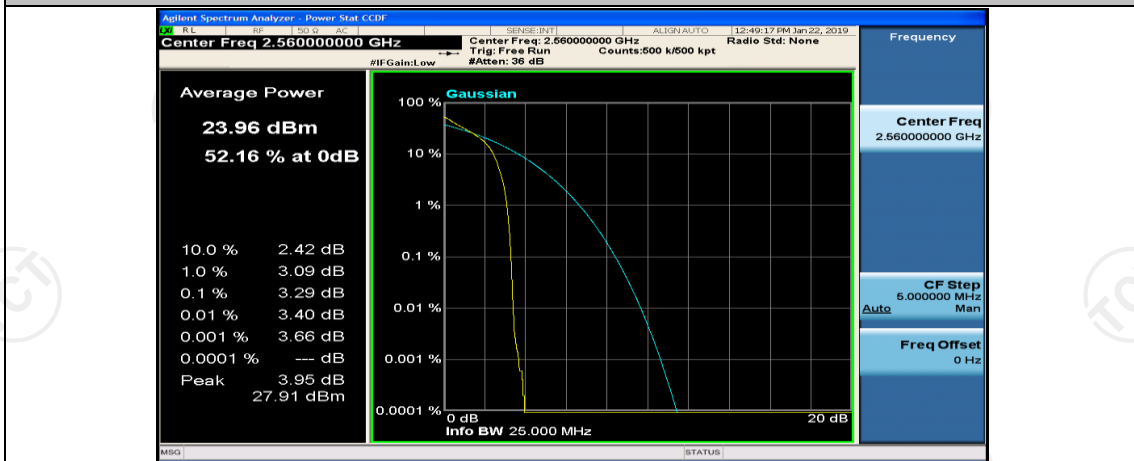
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



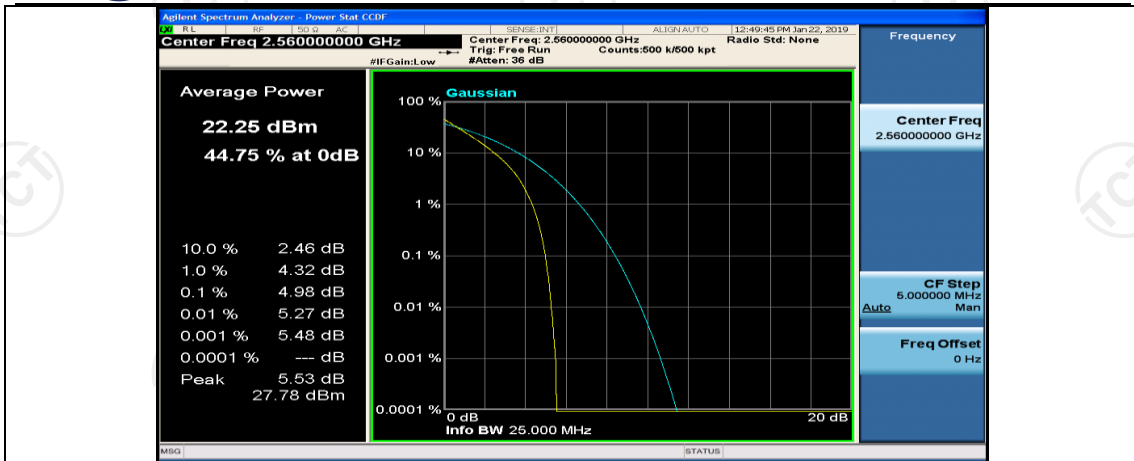
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49



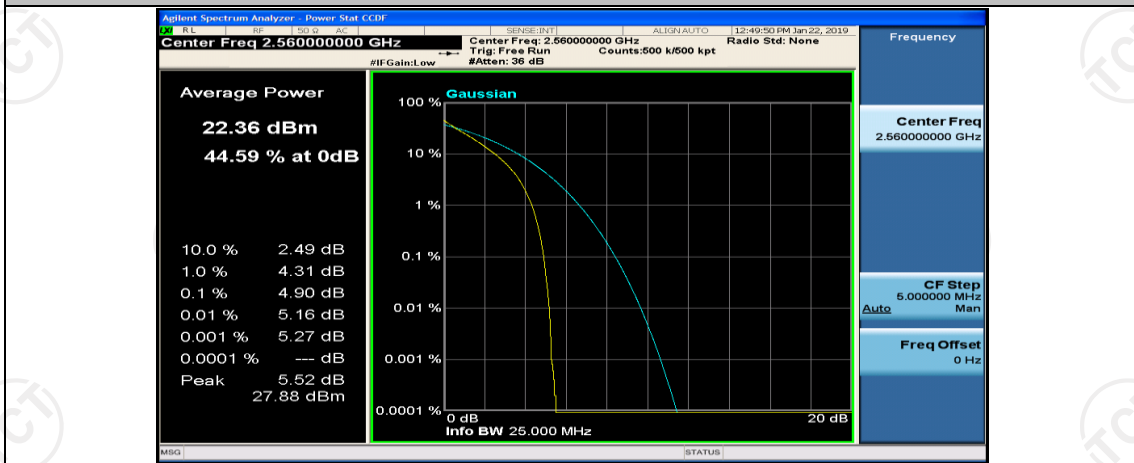
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99



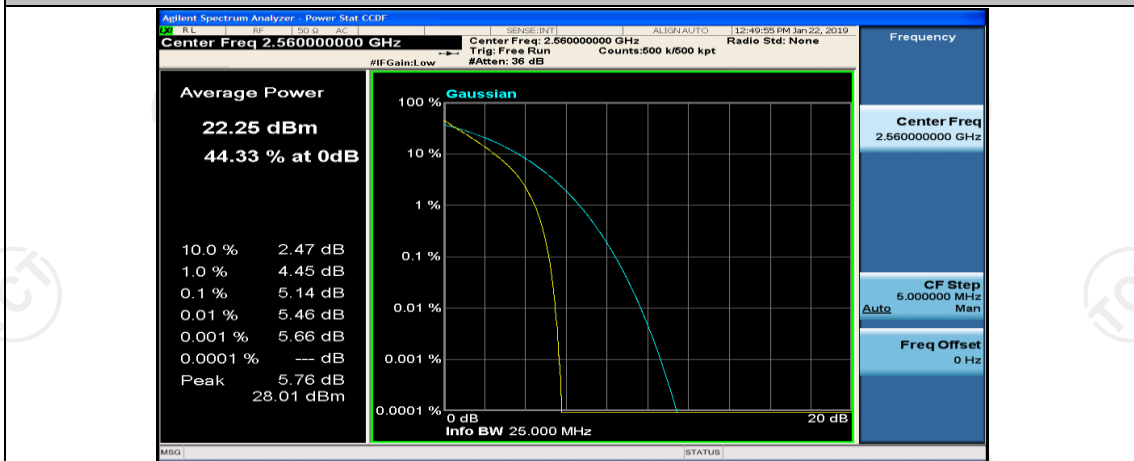
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0



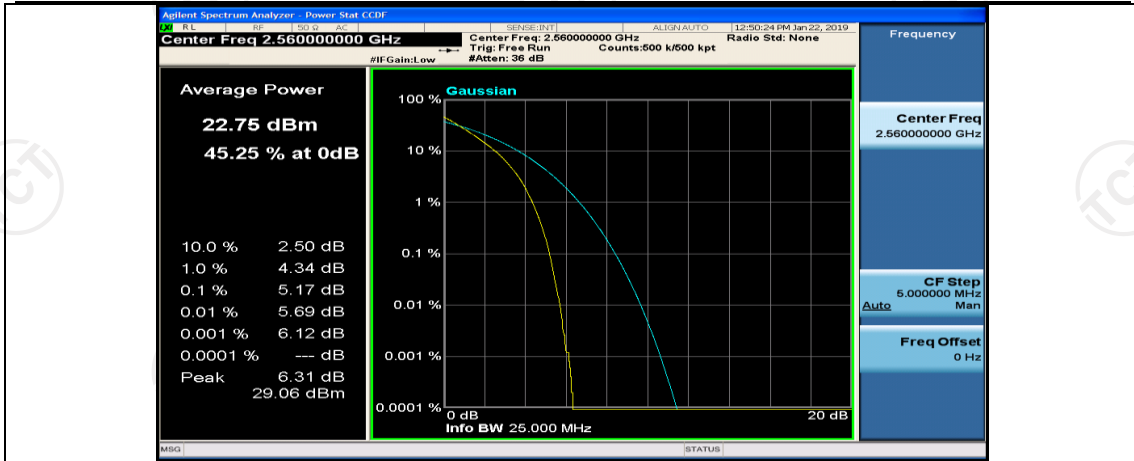
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25



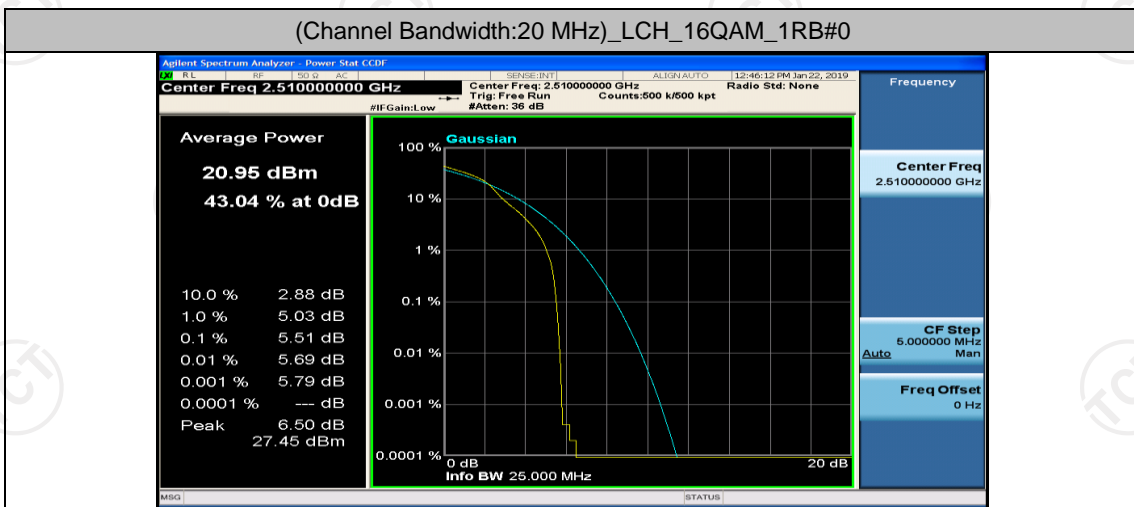
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50



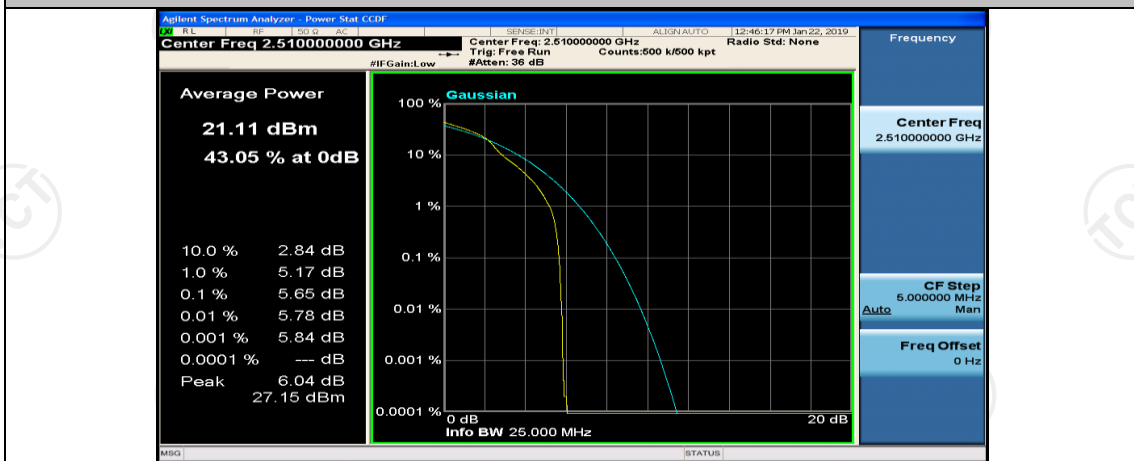
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



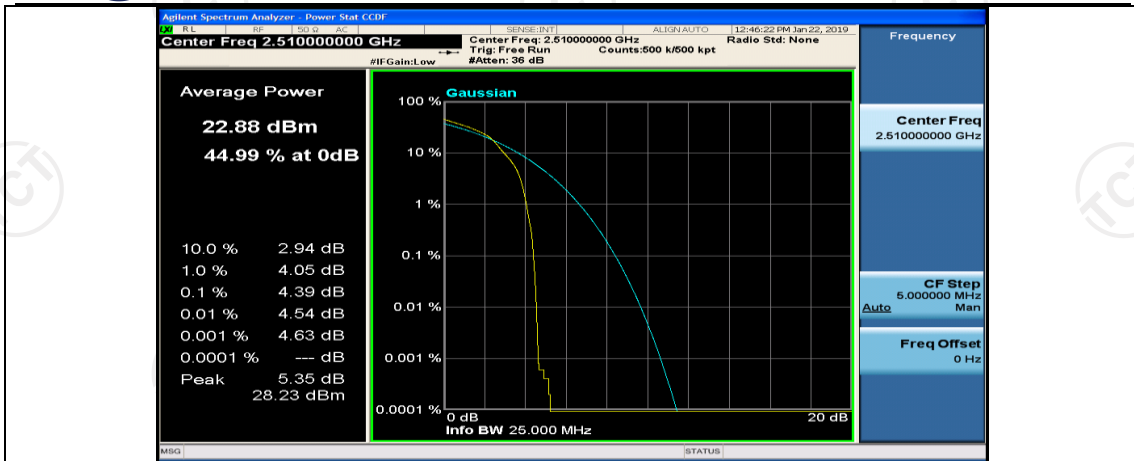
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



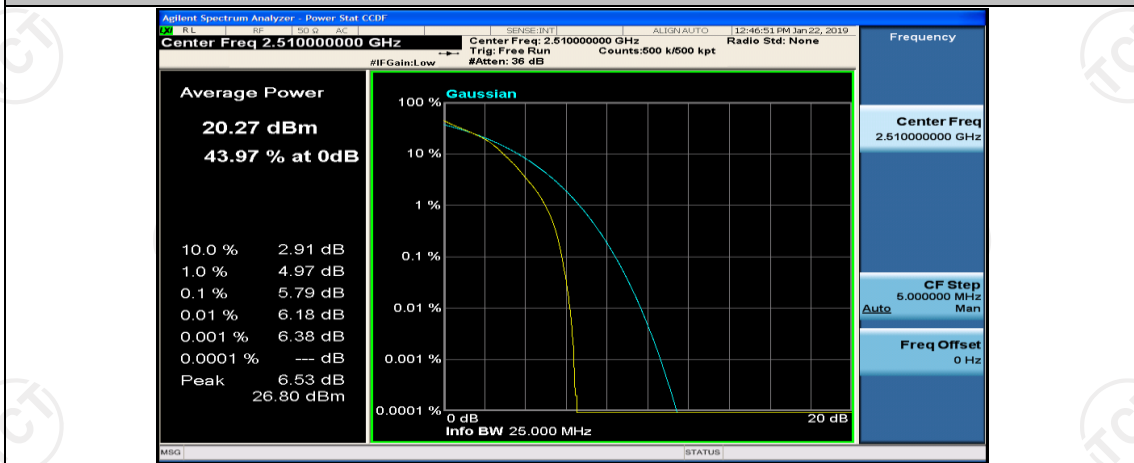
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



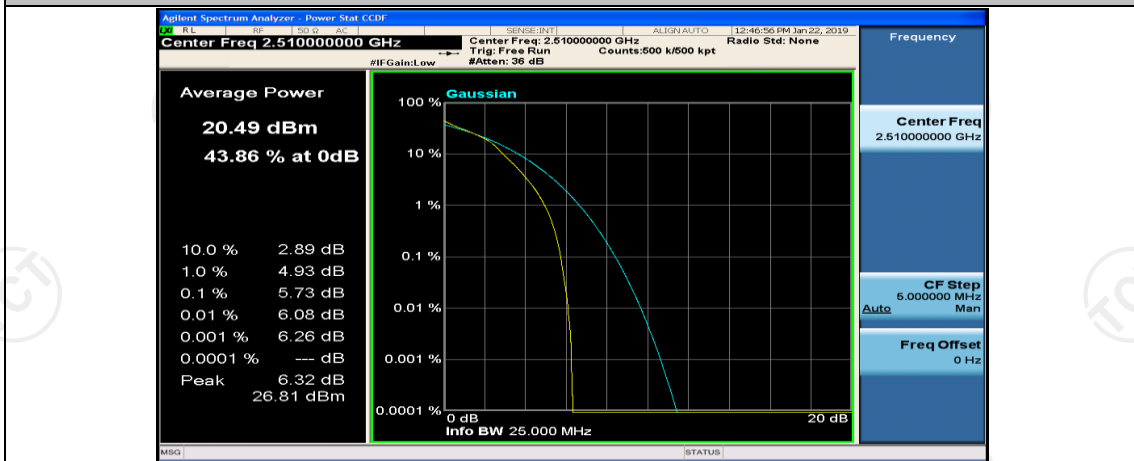
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99



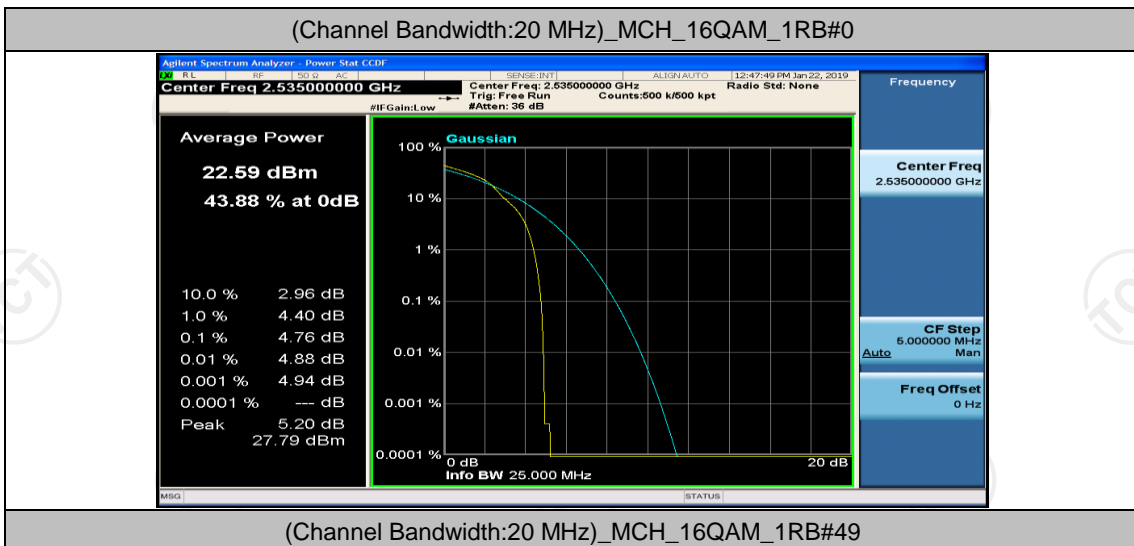
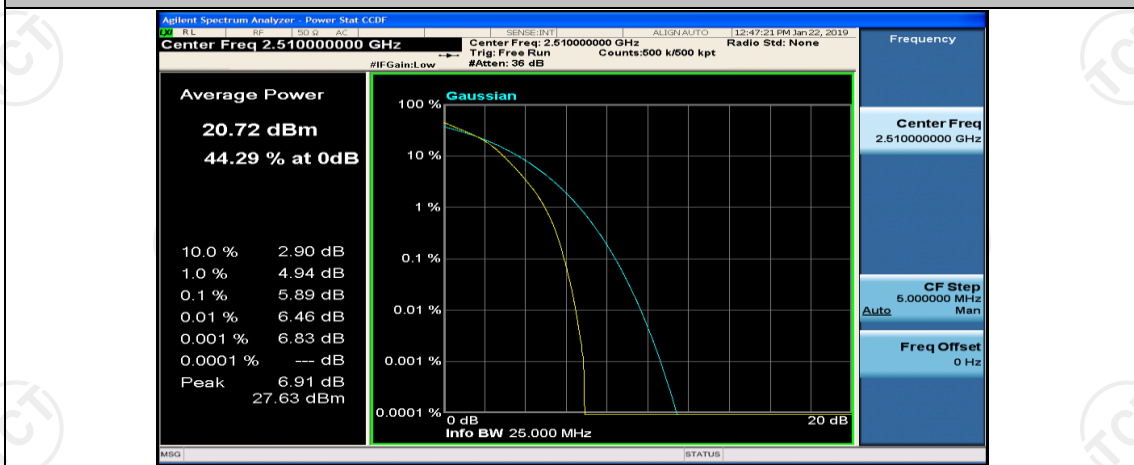
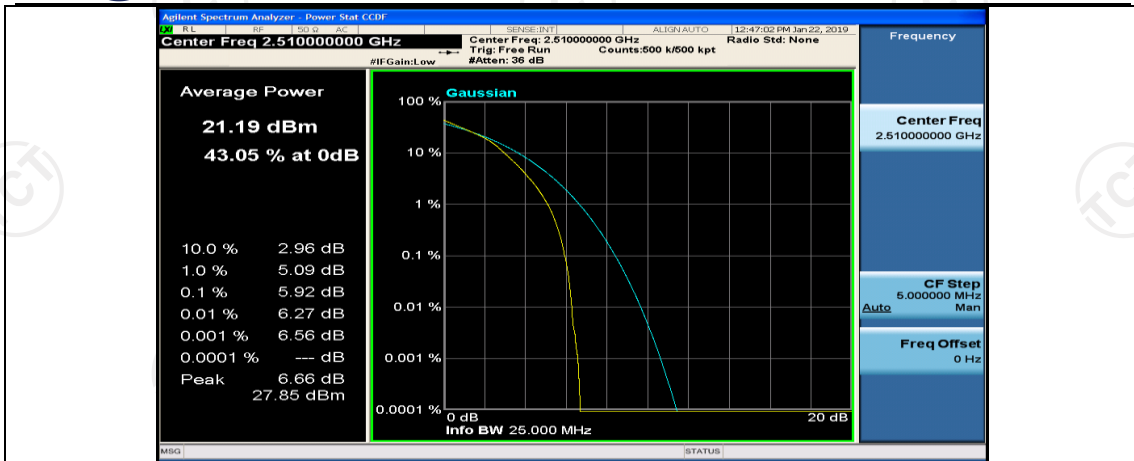
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0



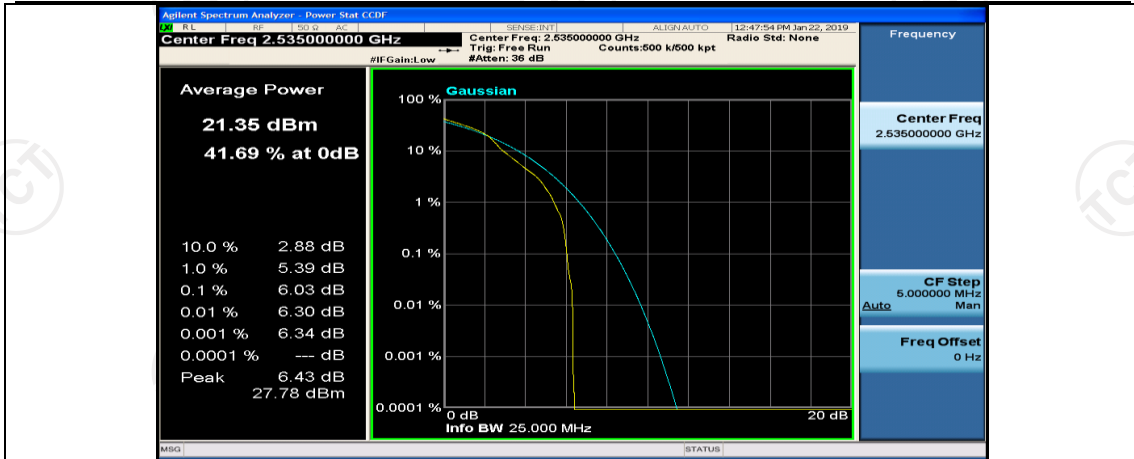
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25



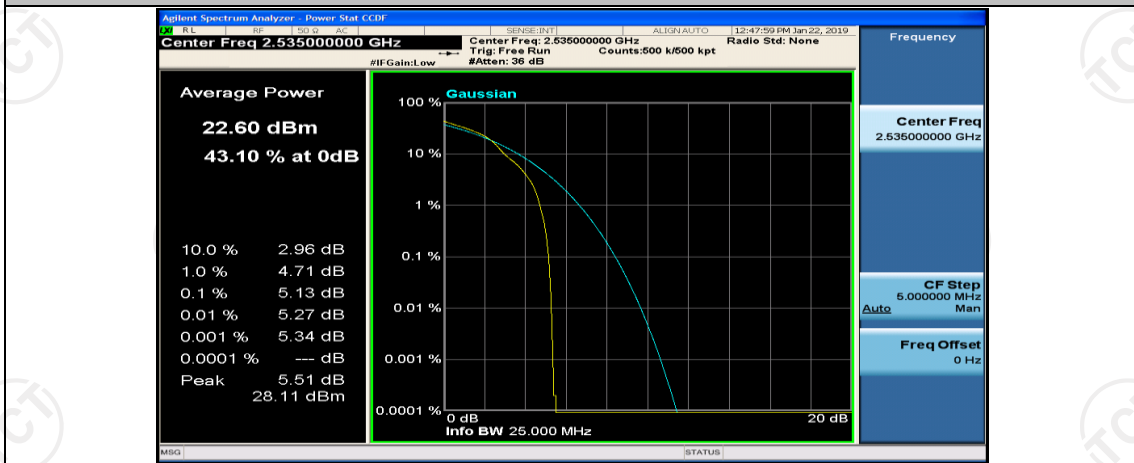
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50



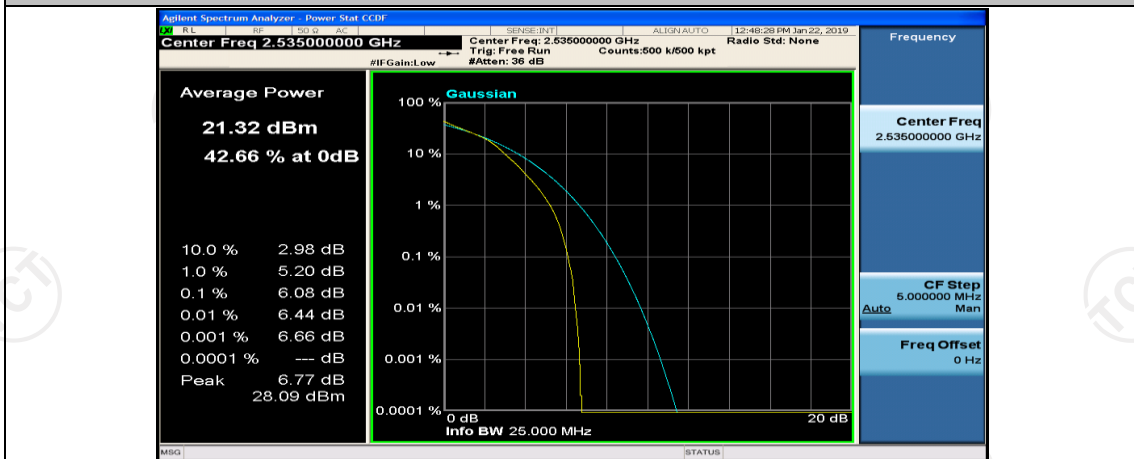
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49



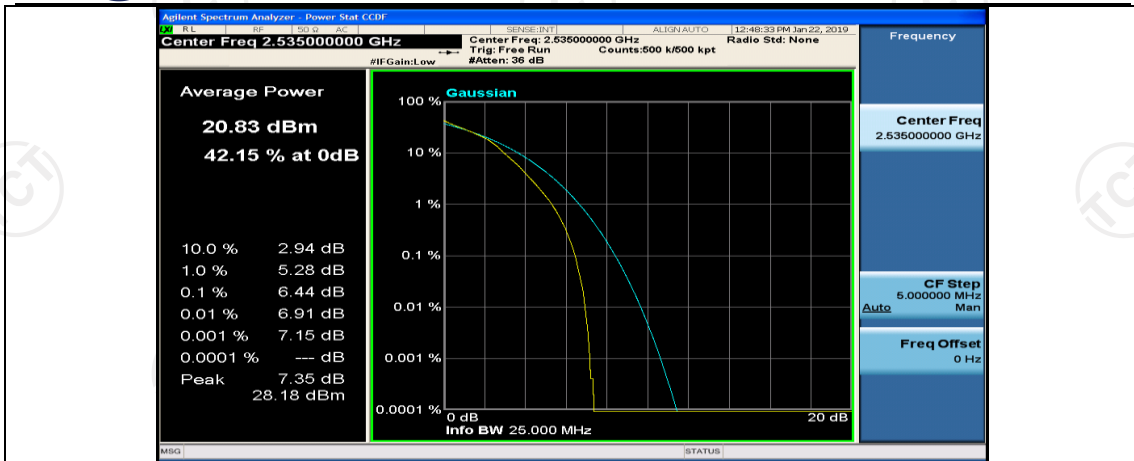
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99



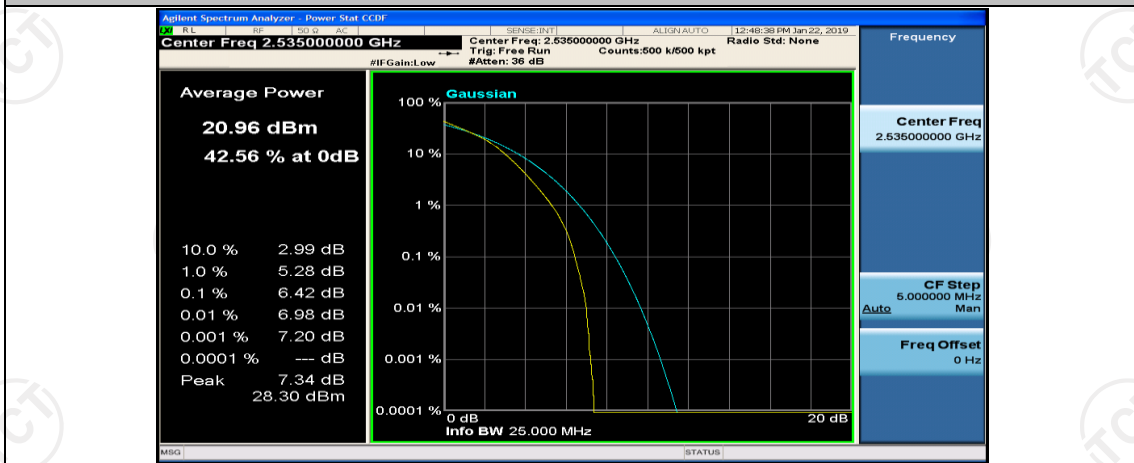
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0



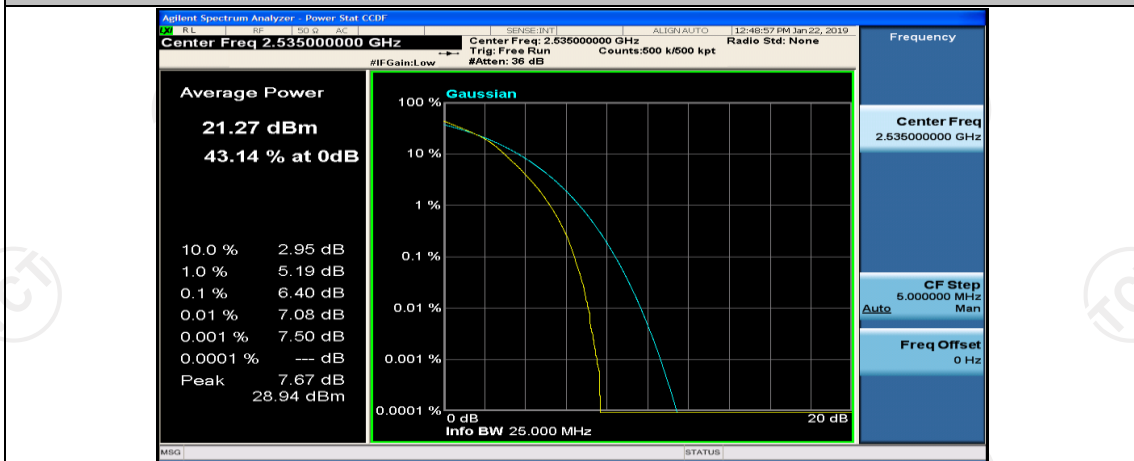
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25



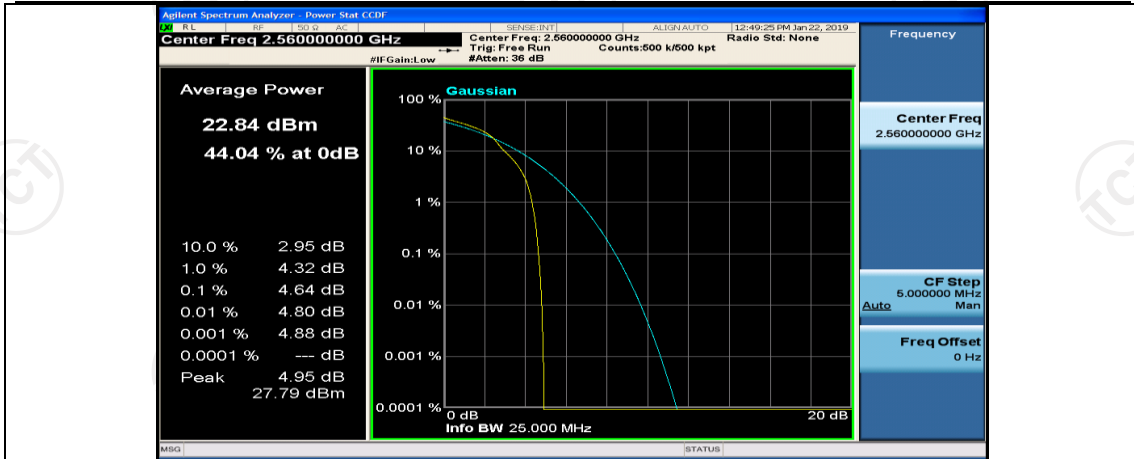
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50



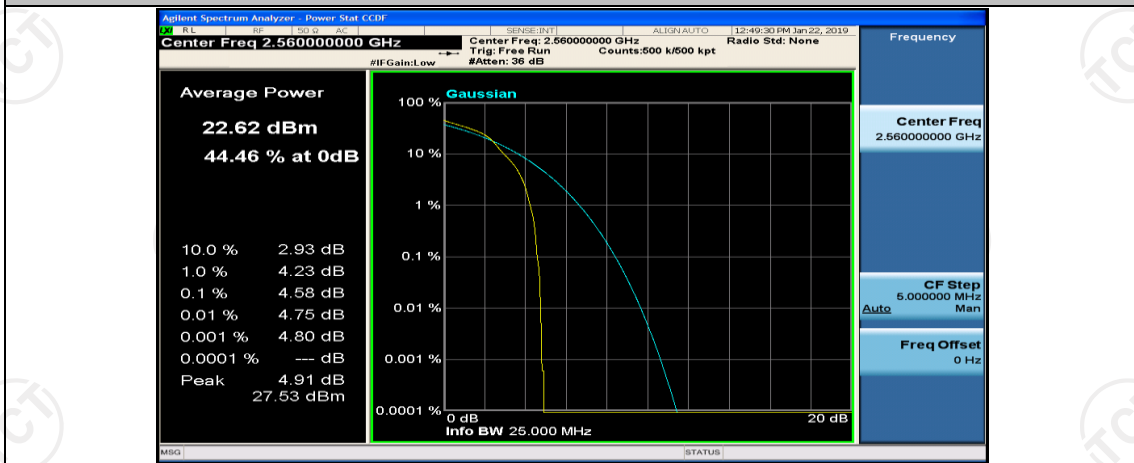
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



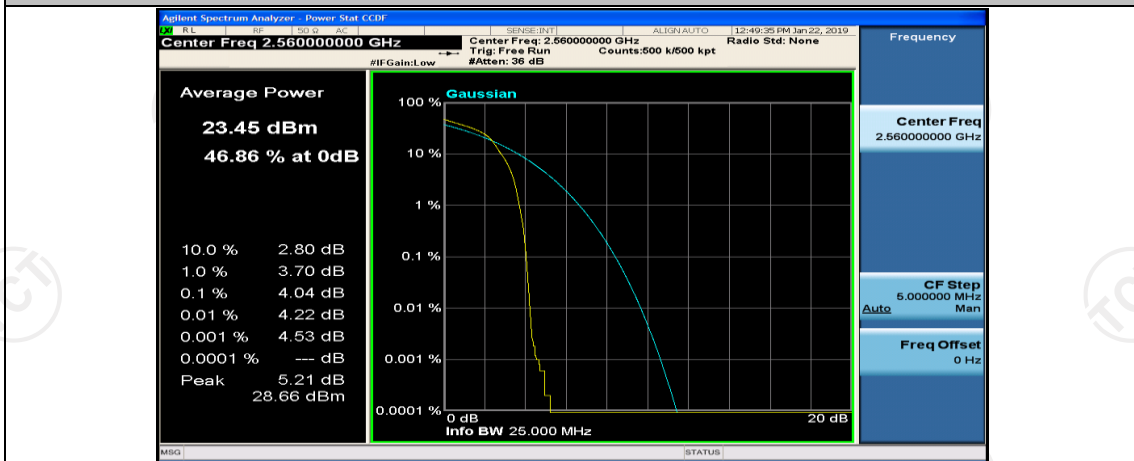
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



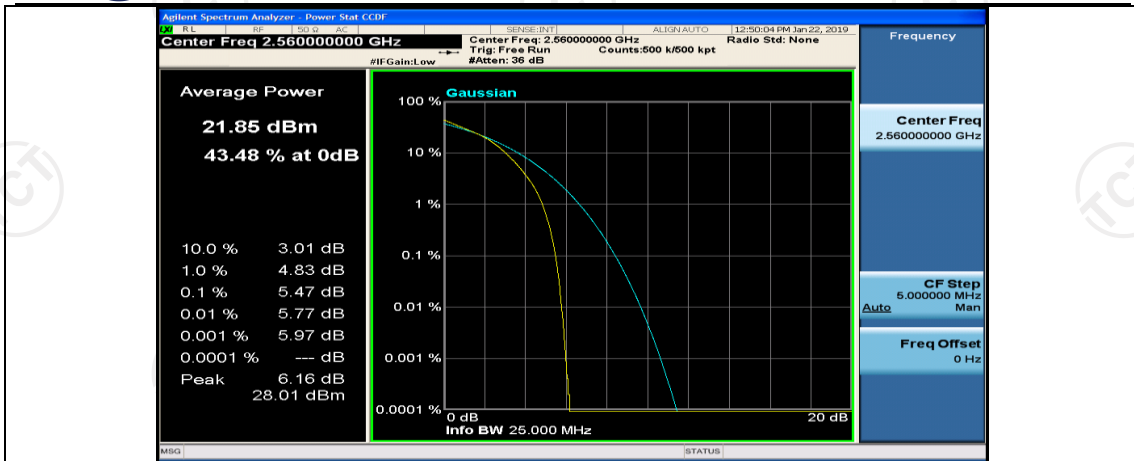
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



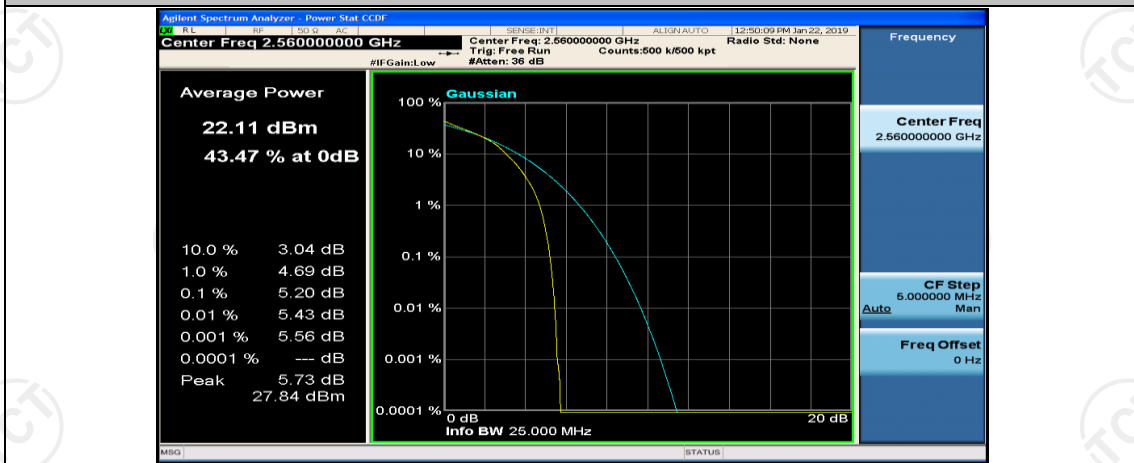
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



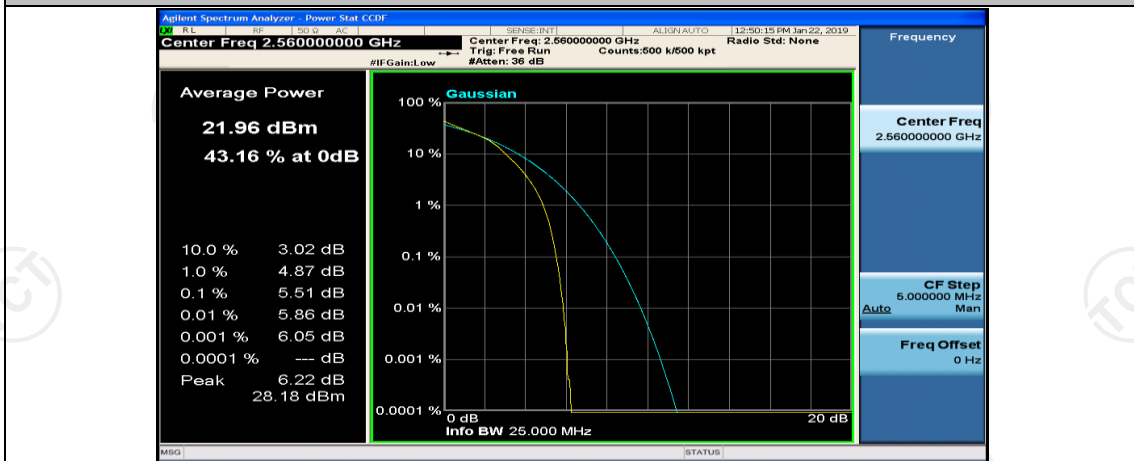
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



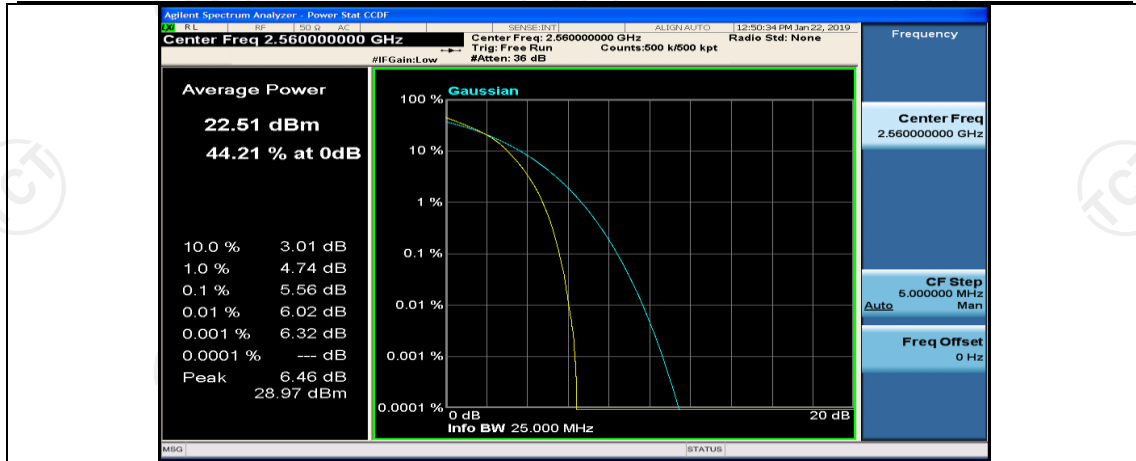
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



(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: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.29480	0.4633	PASS
		1	12	0.47712	0.6112	PASS
		1	24	0.38471	0.5646	PASS
		12	0	2.1875	2.817	PASS
		12	6	2.1962	2.858	PASS
		12	13	2.1879	2.708	PASS
		25	0	4.4841	4.974	PASS
	MCH	1	0	0.30080	0.4793	PASS
		1	12	0.49195	0.7051	PASS
		1	24	0.37893	0.5283	PASS
		12	0	2.1812	2.692	PASS
		12	6	2.1928	2.848	PASS
		12	13	2.1838	2.735	PASS
		25	0	4.4879	4.912	PASS
	HCH	1	0	0.30702	0.4906	PASS
		1	12	0.48563	0.6134	PASS
		1	24	0.39533	0.5764	PASS
		12	0	2.1836	2.765	PASS
		12	6	2.1875	2.995	PASS
		12	13	2.1769	2.641	PASS
		25	0	4.4808	4.934	PASS
16QAM	LCH	1	0	0.41038	0.5270	PASS
		1	12	0.50257	0.6272	PASS
		1	24	0.39248	0.5043	PASS

		12	0	2.1884	2.819	PASS
		12	6	2.1874	2.990	PASS
		12	13	2.1914	2.794	PASS
		25	0	4.4818	4.906	PASS
	MCH	1	0	0.43736	0.5523	PASS
		1	12	0.52233	0.6554	PASS
		1	24	0.39084	0.5764	PASS
		12	0	2.1852	2.613	PASS
		12	6	2.1892	2.761	PASS
		12	13	2.1881	2.820	PASS
		25	0	4.4792	4.929	PASS
	HCH	1	0	0.41660	0.5910	PASS
		1	12	0.49543	0.6122	PASS
		1	24	0.40095	0.6253	PASS
		12	0	2.1867	2.769	PASS
		12	6	2.1887	2.795	PASS
		12	13	2.1896	2.660	PASS
		25	0	4.4836	4.979	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	0.48209	0.6765	PASS
		1	25	0.61270	0.8268	PASS
		1	49	0.51159	0.7257	PASS
		25	0	4.5289	5.557	PASS
		25	12	4.5335	5.539	PASS
		25	25	4.5258	5.361	PASS
		50	0	8.9466	9.692	PASS
	MCH	1	0	0.52015	0.7201	PASS
		1	25	0.61593	0.8123	PASS
		1	49	0.50505	0.7386	PASS
		25	0	4.5246	5.405	PASS
		25	12	4.5413	5.461	PASS
		25	25	4.5371	5.397	PASS
		50	0	8.9618	9.695	PASS
	HCH	1	0	0.52809	0.6951	PASS
		1	25	0.62164	0.7851	PASS
		1	49	0.54706	0.7177	PASS
		25	0	4.5244	5.204	PASS

		25	12	4.5351	5.408	PASS
		25	25	4.5282	5.480	PASS
		50	0	8.9538	9.704	PASS
16QAM	LCH	1	0	0.52024	0.7164	PASS
		1	25	0.62048	0.8151	PASS
		1	49	0.54614	0.7346	PASS
		25	0	4.5377	5.336	PASS
		25	12	4.5227	5.637	PASS
		25	25	4.5316	5.291	PASS
		50	0	8.9636	9.781	PASS
	MCH	1	0	0.52140	0.7324	PASS
		1	25	0.63762	0.7900	PASS
		1	49	0.50976	0.7077	PASS
		25	0	4.5254	5.220	PASS
		25	12	4.5290	5.693	PASS
		25	25	4.5202	5.219	PASS
		50	0	8.9492	9.965	PASS
	HCH	1	0	0.48310	0.6516	PASS
		1	25	0.60342	0.7169	PASS
		1	49	0.53692	0.6986	PASS
		25	0	4.5208	5.607	PASS
		25	12	4.5454	5.609	PASS
		25	25	4.5239	5.250	PASS
		50	0	8.9609	9.810	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	0.58048	0.8518	PASS
		1	37	0.63148	0.8258	PASS
		1	74	0.58167	0.8107	PASS
		37	0	6.5025	7.447	PASS
		37	18	6.5068	7.560	PASS
		37	38	6.4949	7.400	PASS
		75	0	13.421	14.46	PASS
	MCH	1	0	0.59684	0.8234	PASS
		1	37	0.68588	0.8693	PASS
		1	74	0.61246	0.8261	PASS
		37	0	6.5040	7.552	PASS

		37	18	6.5027	8.169	PASS
		37	38	6.4971	7.603	PASS
		75	0	13.428	14.61	PASS
	HCH	1	0	0.61475	0.9037	PASS
		1	37	0.65256	0.8784	PASS
		1	74	0.59248	0.8764	PASS
		37	0	6.5025	7.489	PASS
		37	18	6.5099	7.649	PASS
		37	38	6.5017	7.548	PASS
16QAM	LCH	75	0	13.451	14.53	PASS
		1	0	0.63639	0.8791	PASS
		1	37	0.64924	0.8038	PASS
		1	74	0.60685	0.8726	PASS
		37	0	6.5084	7.698	PASS
		37	18	6.5206	8.560	PASS
		37	38	6.5034	7.580	PASS
	MCH	75	0	13.434	14.44	PASS
		1	0	0.56985	0.8076	PASS
		1	37	0.64811	0.8797	PASS
		1	74	0.63749	0.8538	PASS
		37	0	6.5020	7.422	PASS
		37	18	6.5198	7.473	PASS
		37	38	6.5106	7.430	PASS
	HCH	75	0	13.432	14.40	PASS
		1	0	0.64805	0.8466	PASS
		1	37	0.71762	1.010	PASS
		1	74	0.60803	0.8449	PASS
		37	0	6.5189	7.317	PASS
		37	18	6.5196	7.906	PASS
		37	38	6.5128	7.512	PASS
		75	0	13.436	14.35	PASS

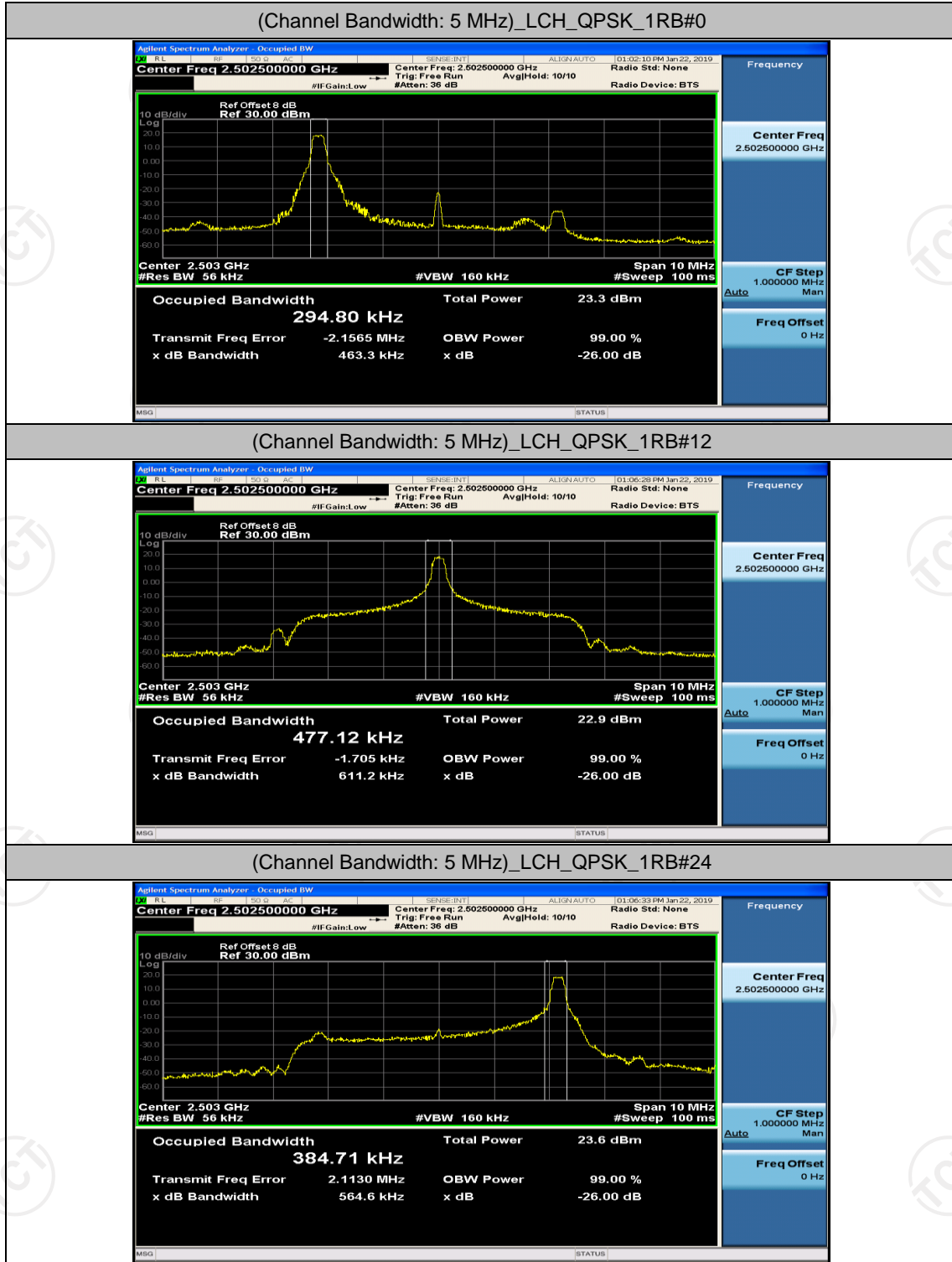
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.64486	0.8755	PASS
		1	50	0.70032	0.9309	PASS
		1	99	0.64643	0.9126	PASS
		50	0	9.0232	9.947	PASS

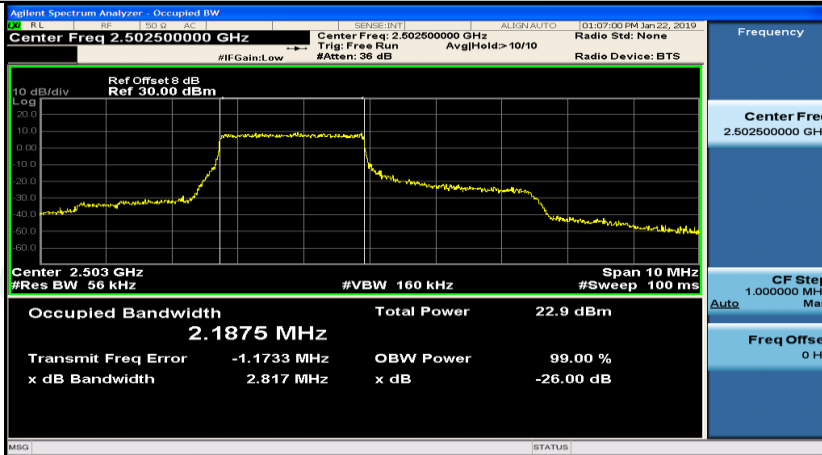
		50	25	9.0275	10.22	PASS	
		50	50	8.9997	9.825	PASS	
		100	0	17.866	18.78	PASS	
	MCH	1	0	0.63856	0.8265	PASS	
		1	50	0.71570	1.005	PASS	
		1	99	0.68487	1.020	PASS	
		50	0	9.0025	9.922	PASS	
		50	25	9.0180	10.26	PASS	
		50	50	9.0062	9.809	PASS	
		100	0	17.901	18.82	PASS	
		HCH	1	0	0.65121	0.8935	PASS
			1	50	0.71347	0.9337	PASS
	1		99	0.66385	0.9128	PASS	
	50		0	8.9945	9.809	PASS	
	50		25	9.0247	10.36	PASS	
	50		50	9.0259	9.992	PASS	
	100		0	17.913	18.82	PASS	
	16QAM	LCH	1	0	0.64762	0.9641	PASS
1			50	0.69766	0.9605	PASS	
1			99	0.67987	0.9126	PASS	
50			0	9.0068	10.03	PASS	
50			25	9.0186	10.39	PASS	
50			50	8.9989	9.948	PASS	
100			0	17.863	18.77	PASS	
MCH		1	0	0.65314	0.8918	PASS	
		1	50	0.71740	0.9325	PASS	
		1	99	0.68079	0.8741	PASS	
		50	0	9.0117	9.758	PASS	
		50	25	9.0125	10.75	PASS	
		50	50	9.0017	9.758	PASS	
		100	0	17.895	18.74	PASS	
HCH		1	0	0.64020	0.8410	PASS	
		1	50	0.75248	0.9360	PASS	
		1	99	0.69386	0.9084	PASS	
		50	0	9.0051	9.919	PASS	
		50	25	9.0313	10.17	PASS	
		50	50	9.0198	10.02	PASS	
		100	0	17.894	18.86	PASS	

Test Graphs

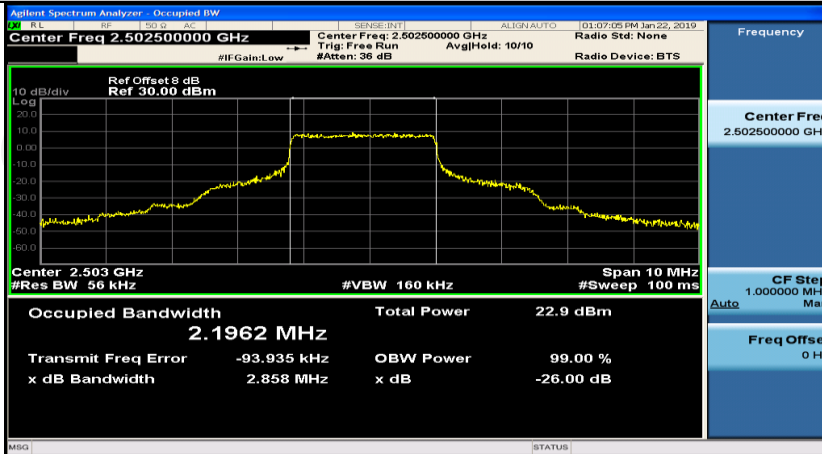
Channel Bandwidth: 5 MHz



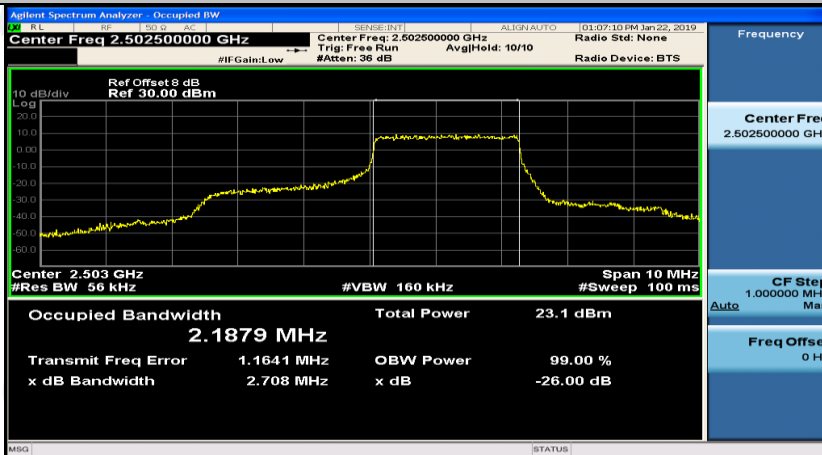
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



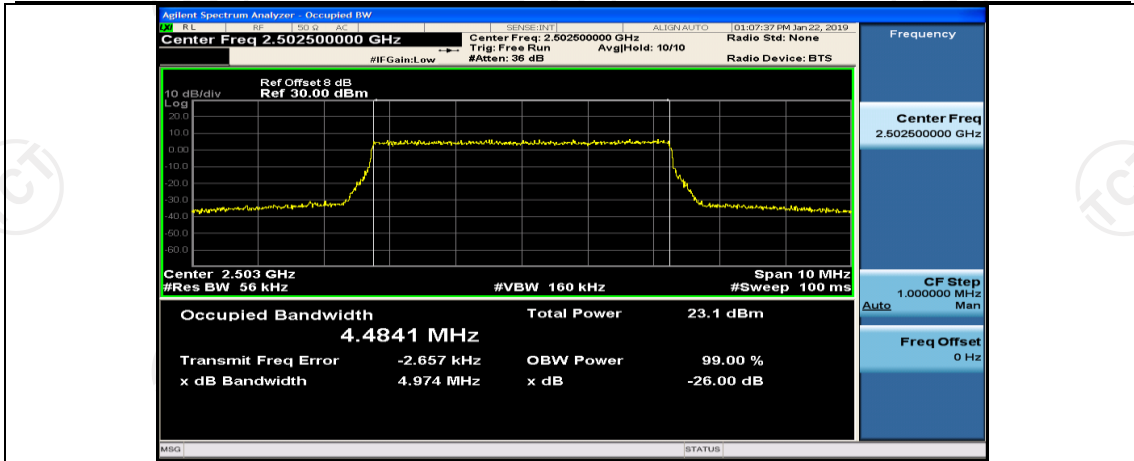
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



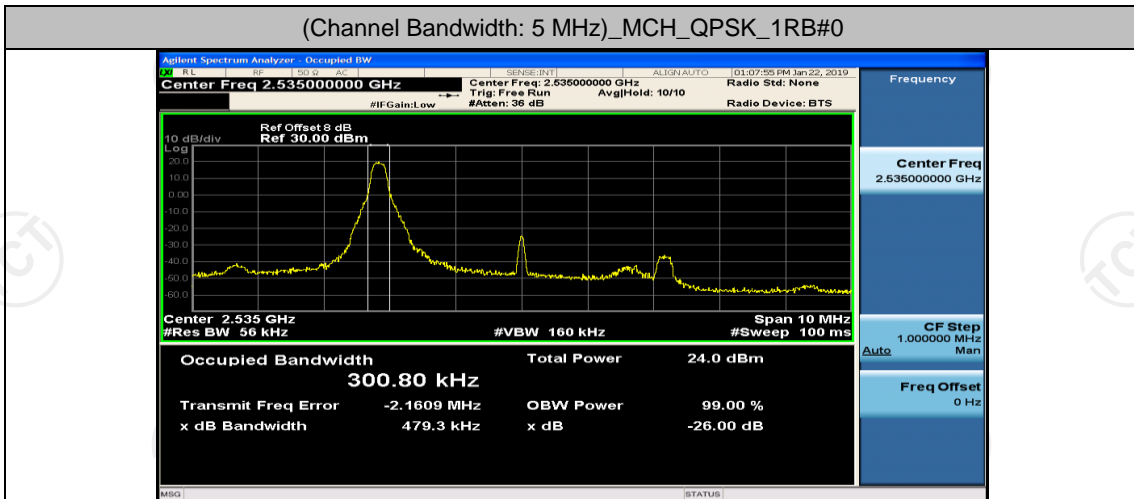
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



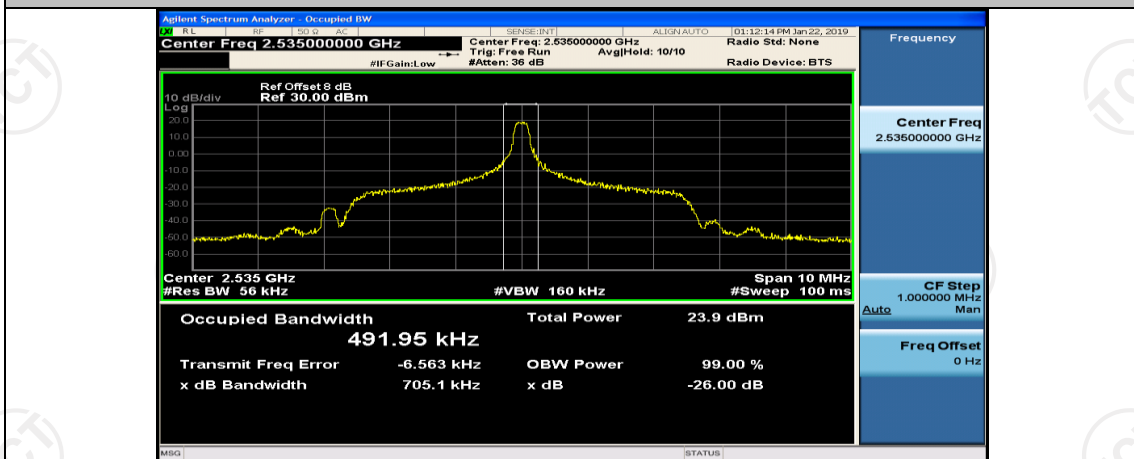
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



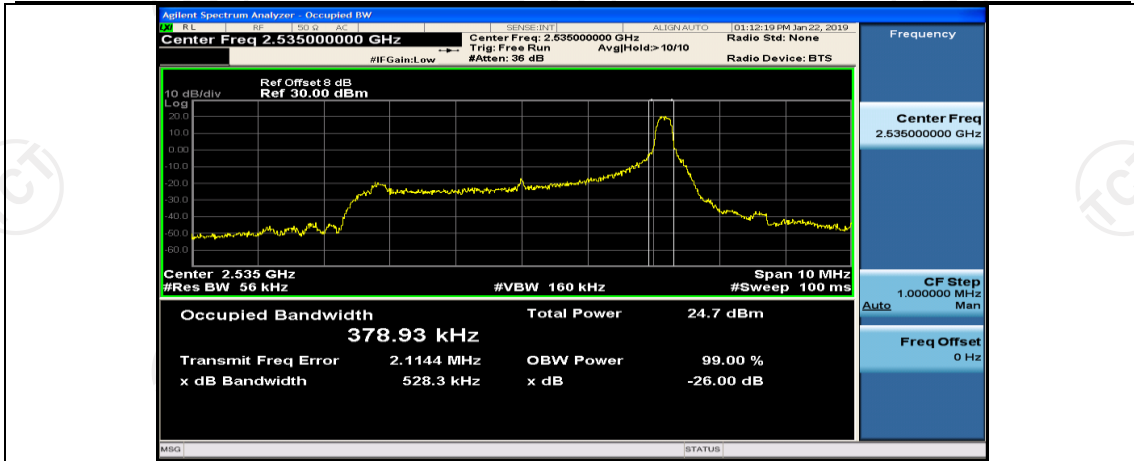
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



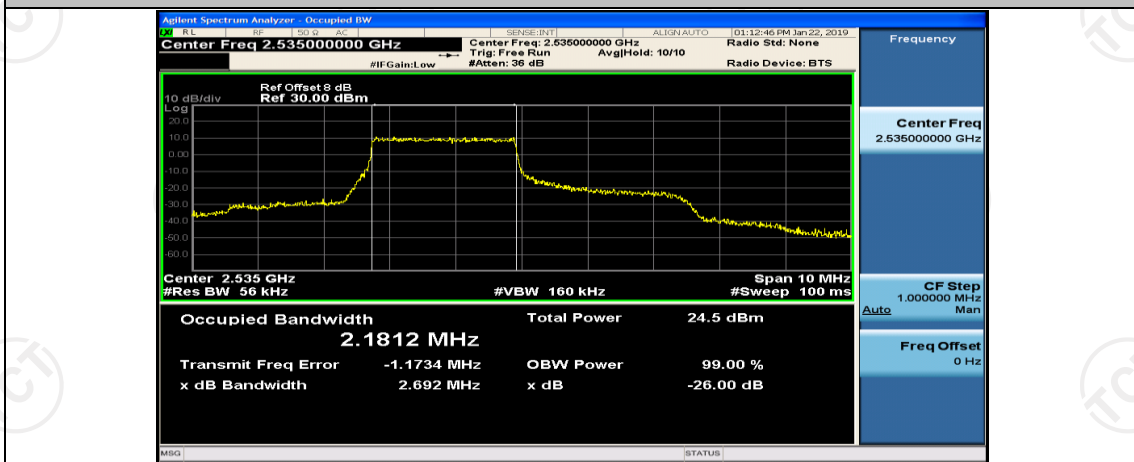
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



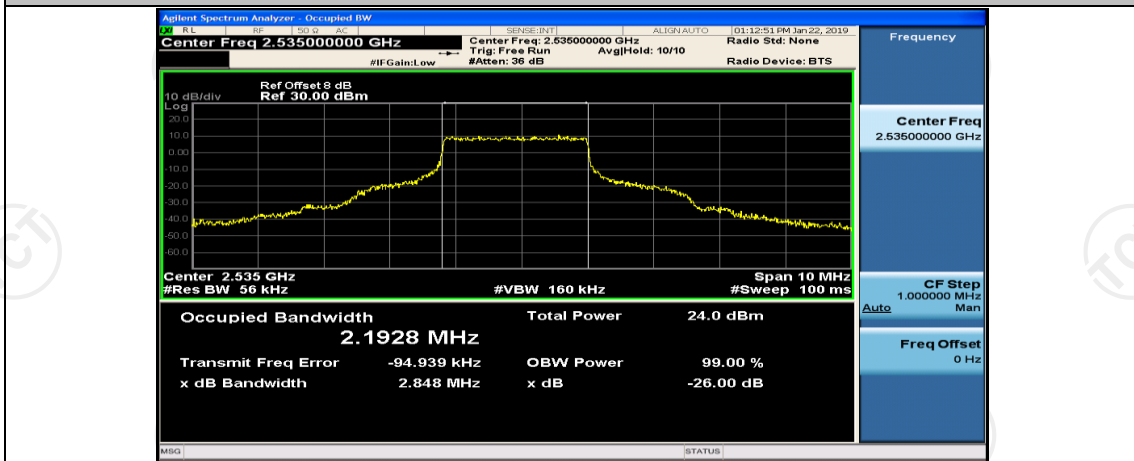
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



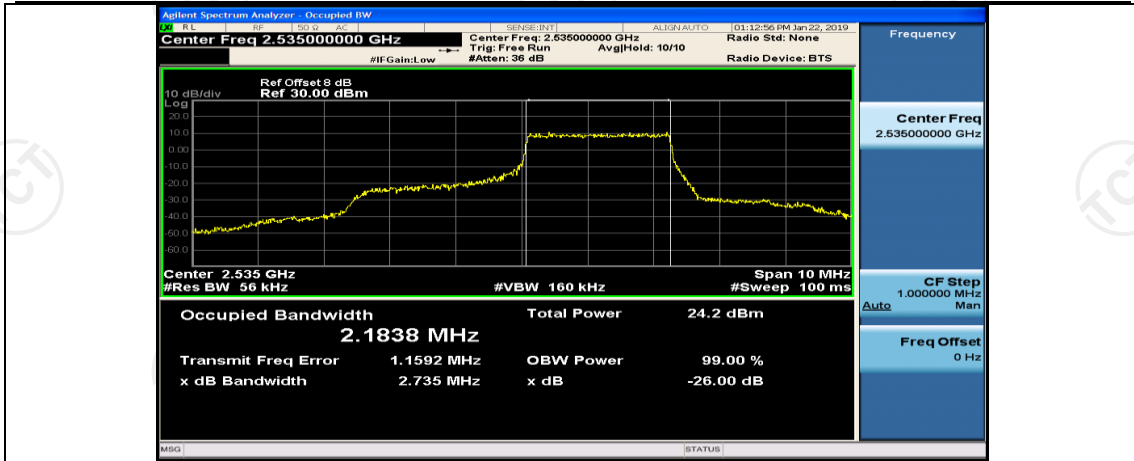
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



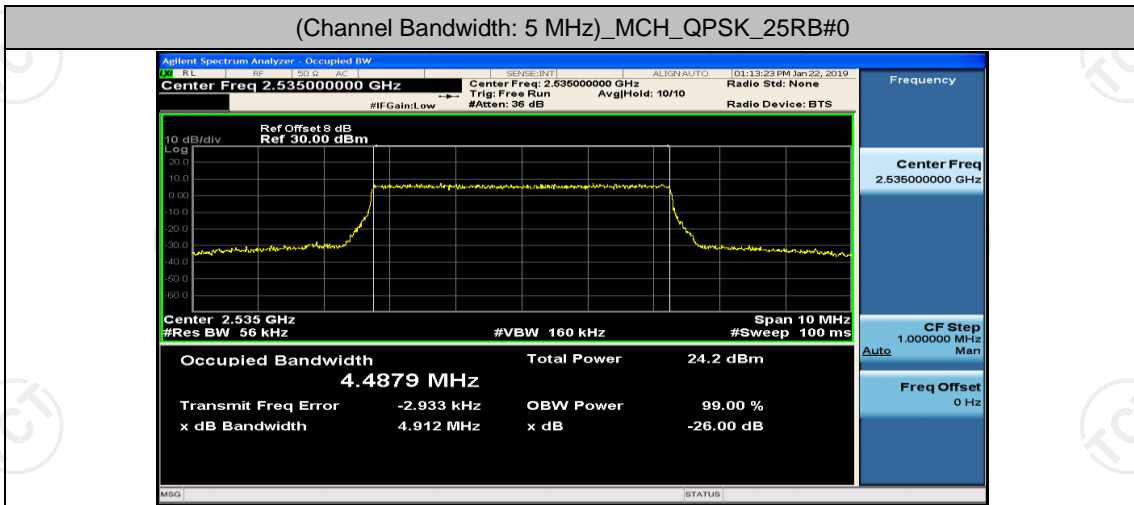
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



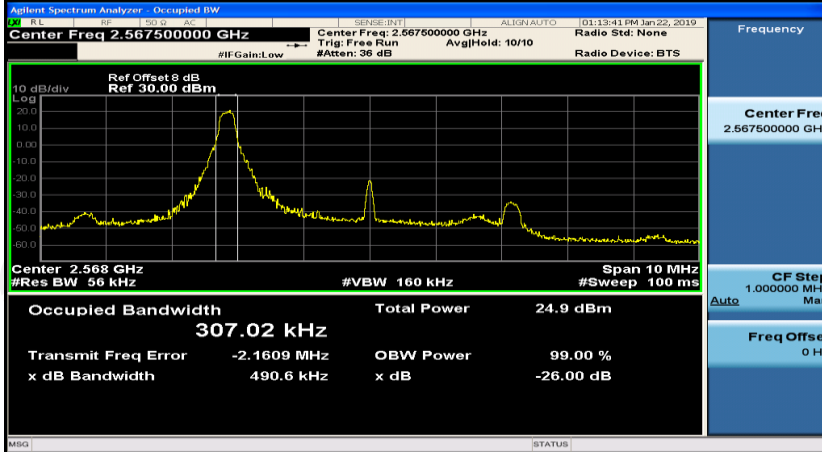
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



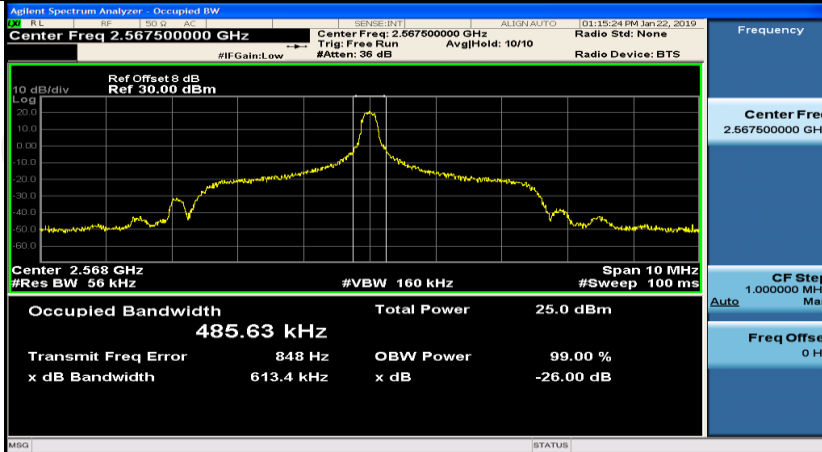
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



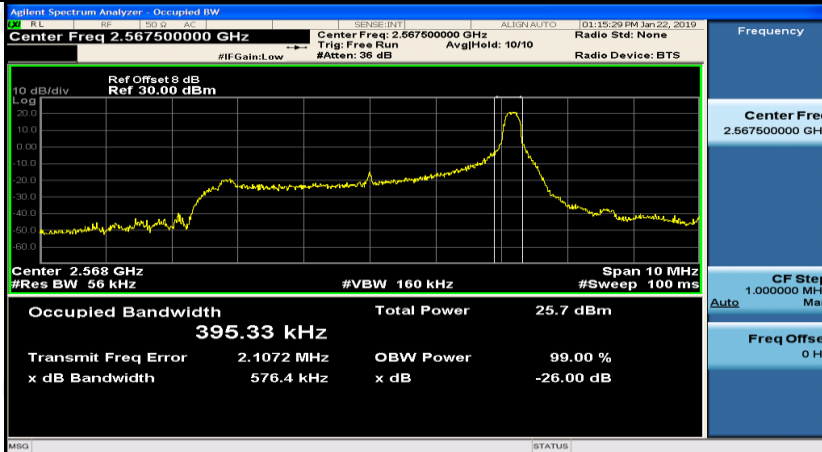
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



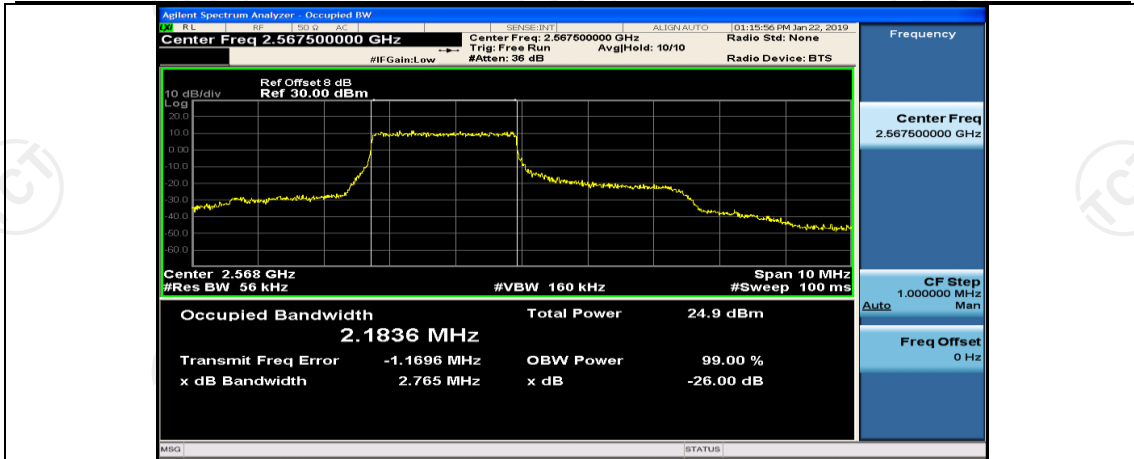
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



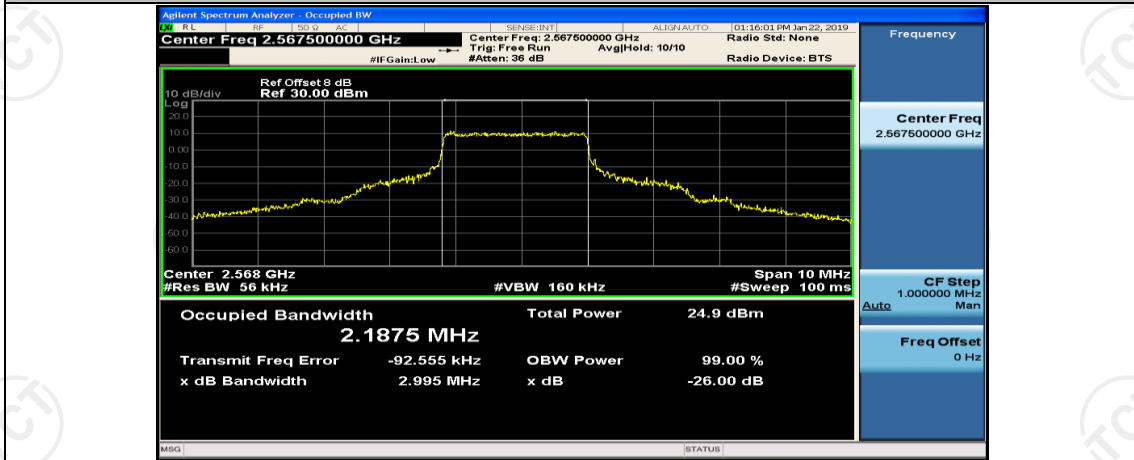
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



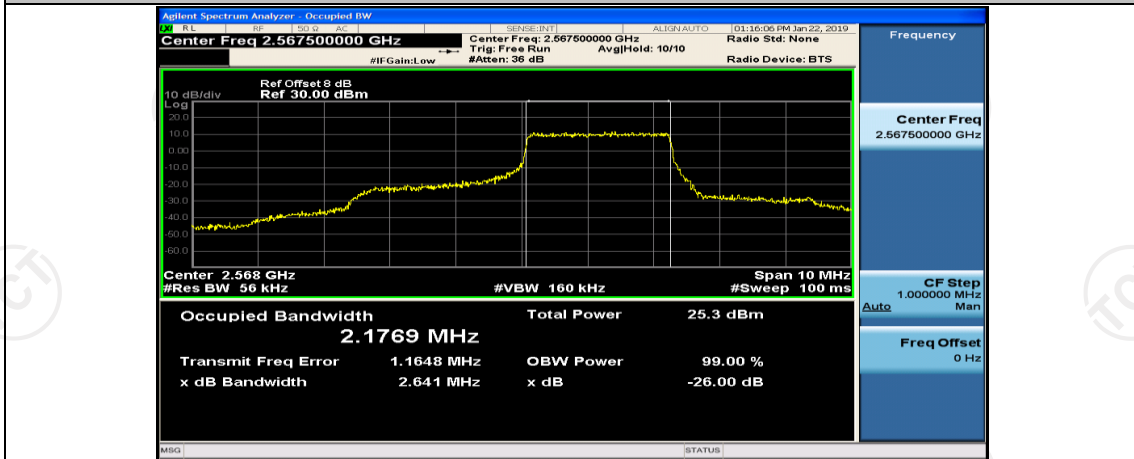
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

