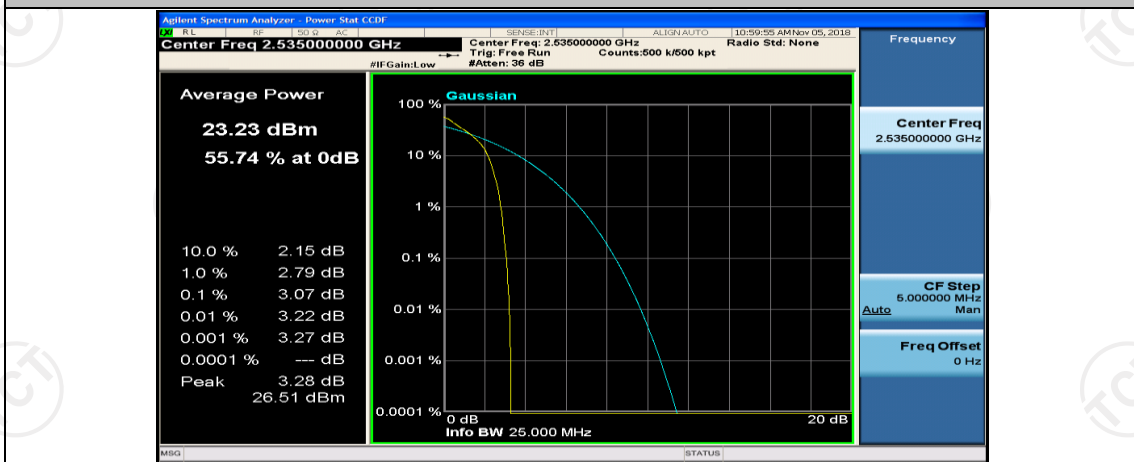
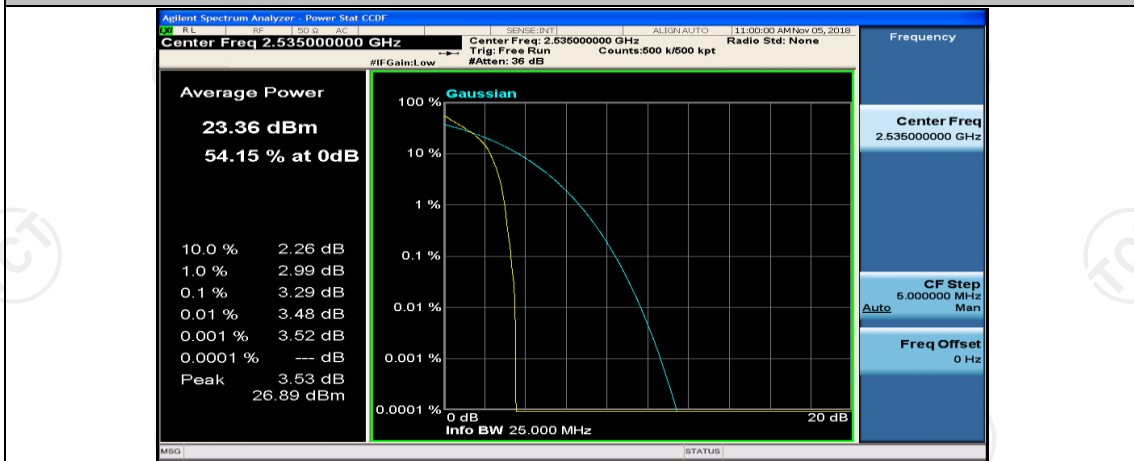


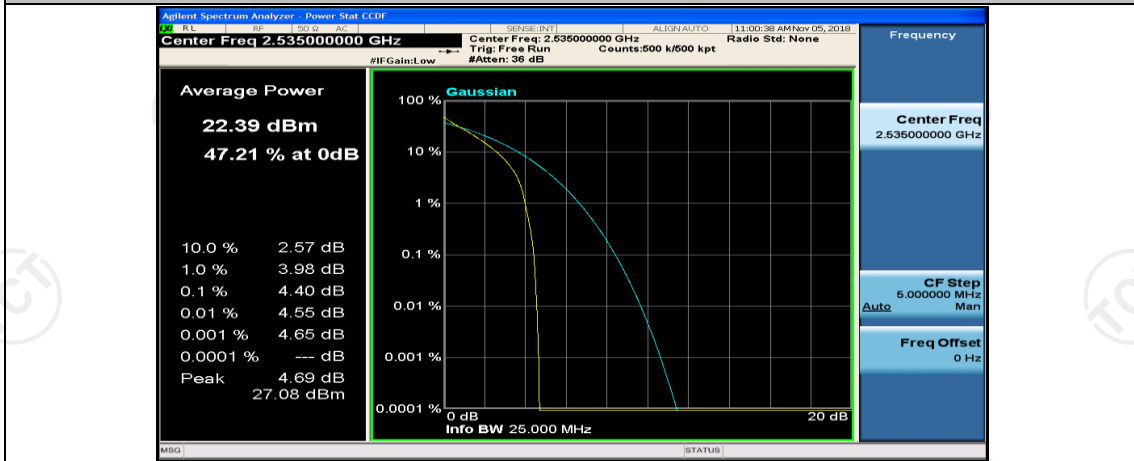
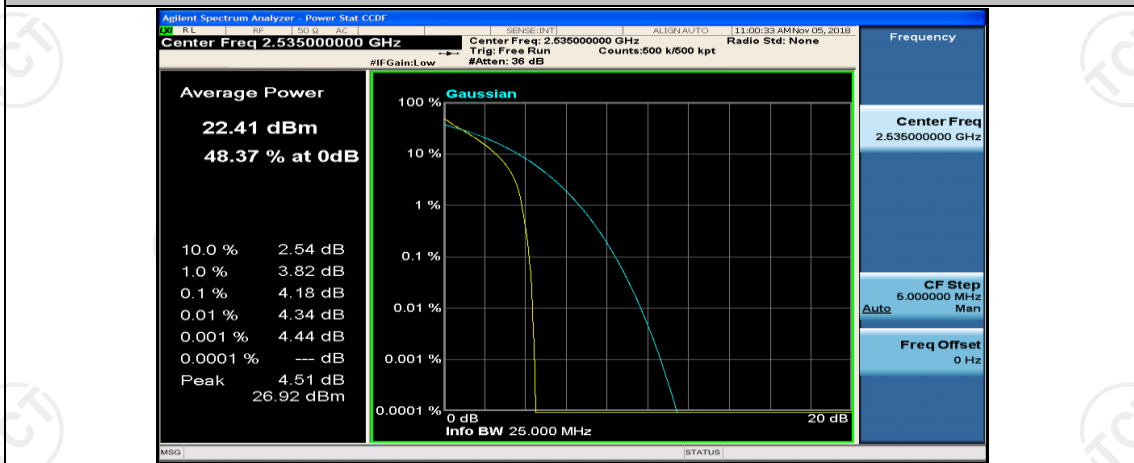
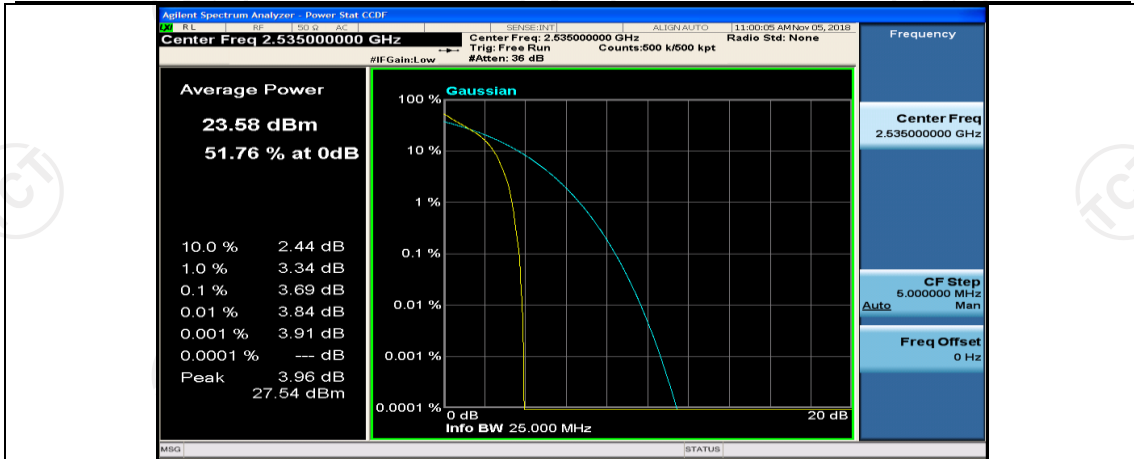
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

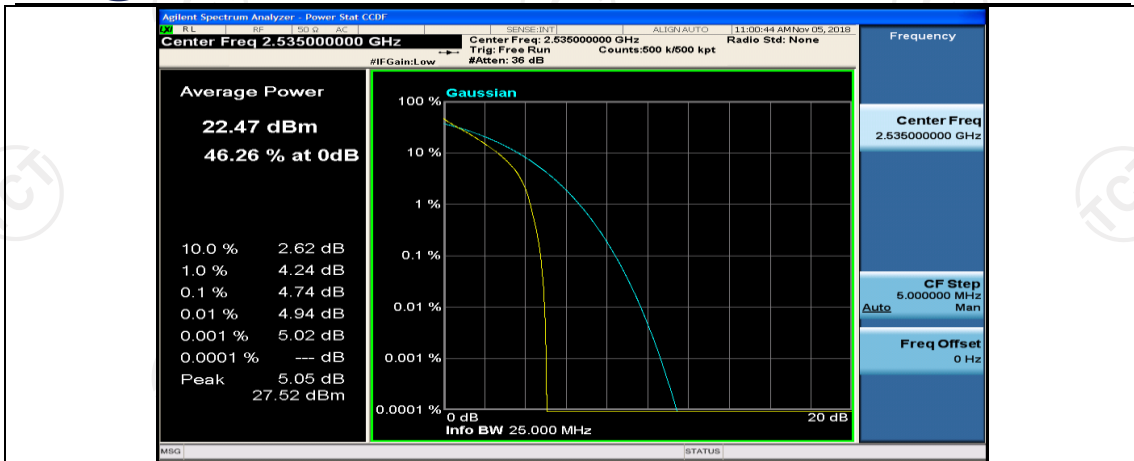


(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37

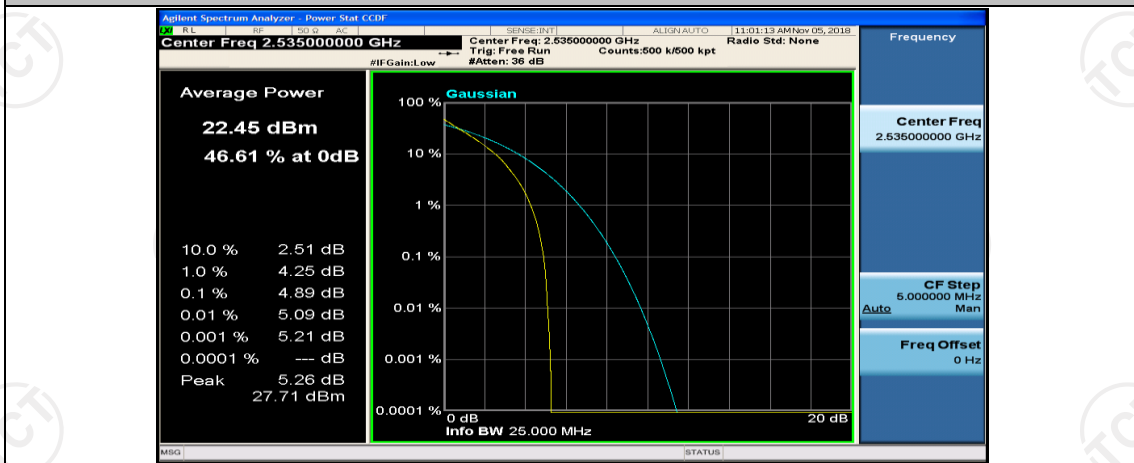


(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

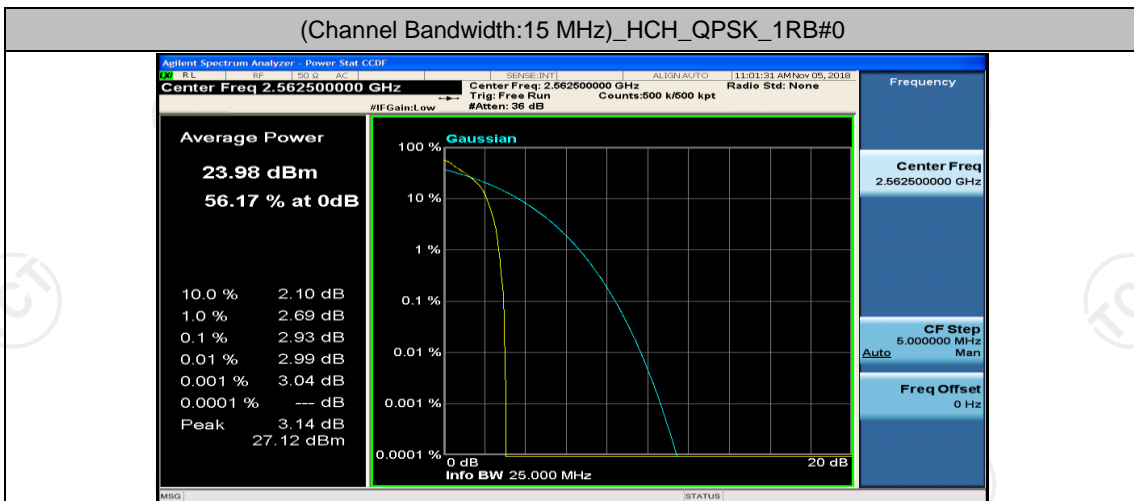




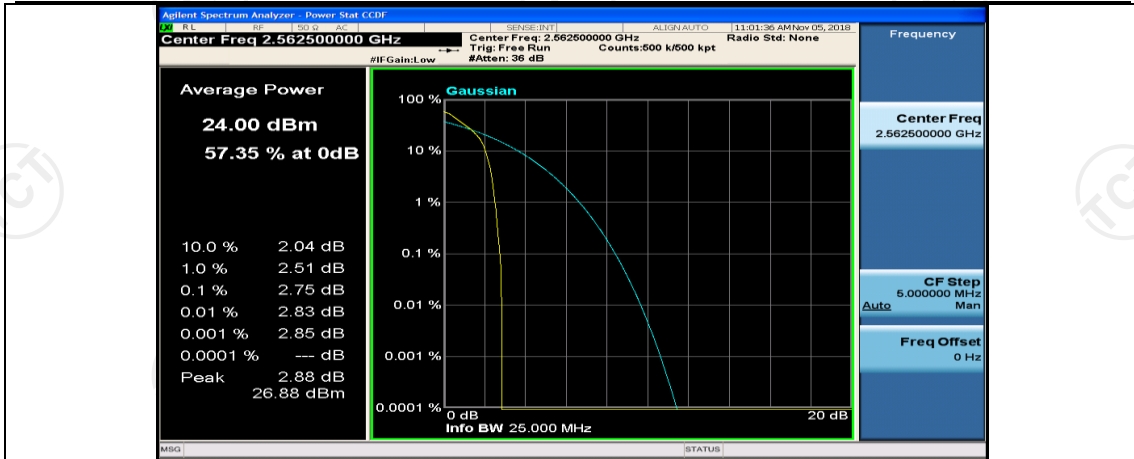
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



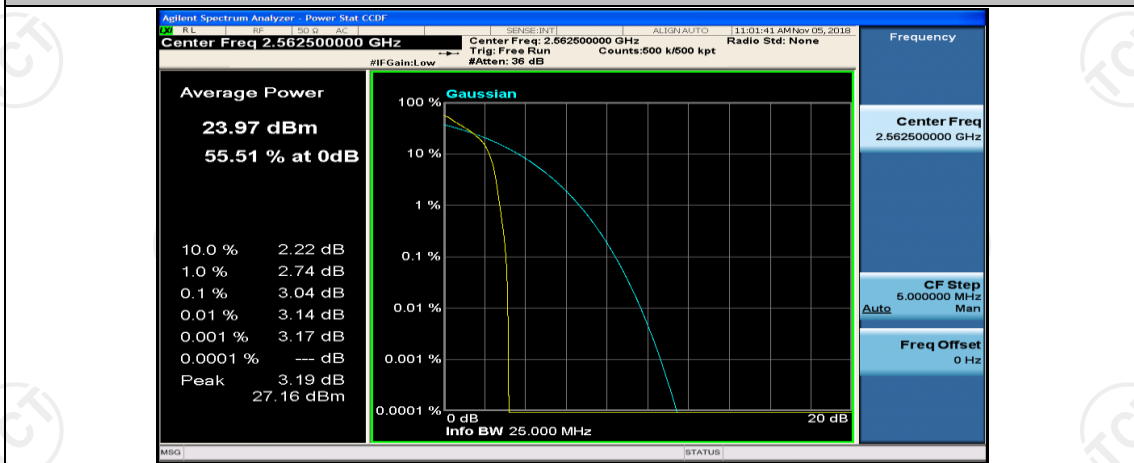
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



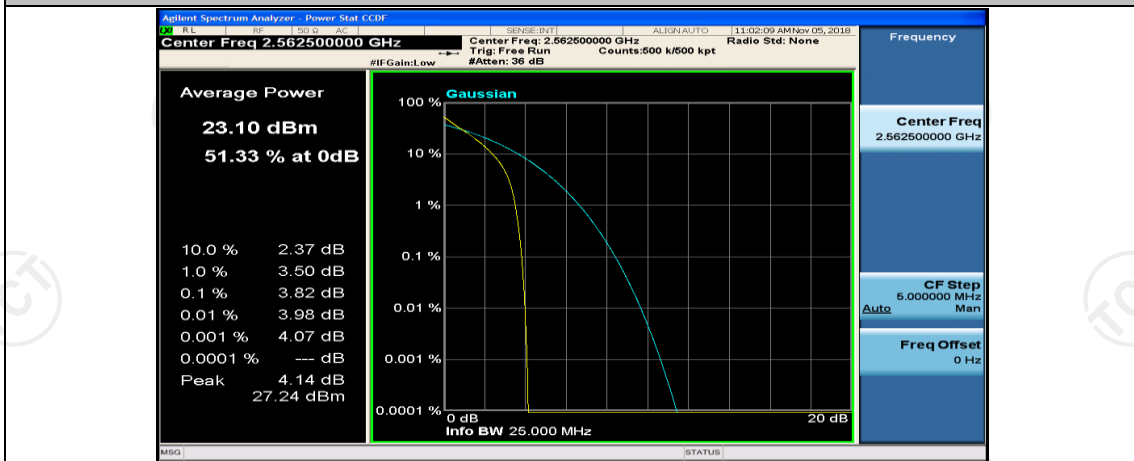
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



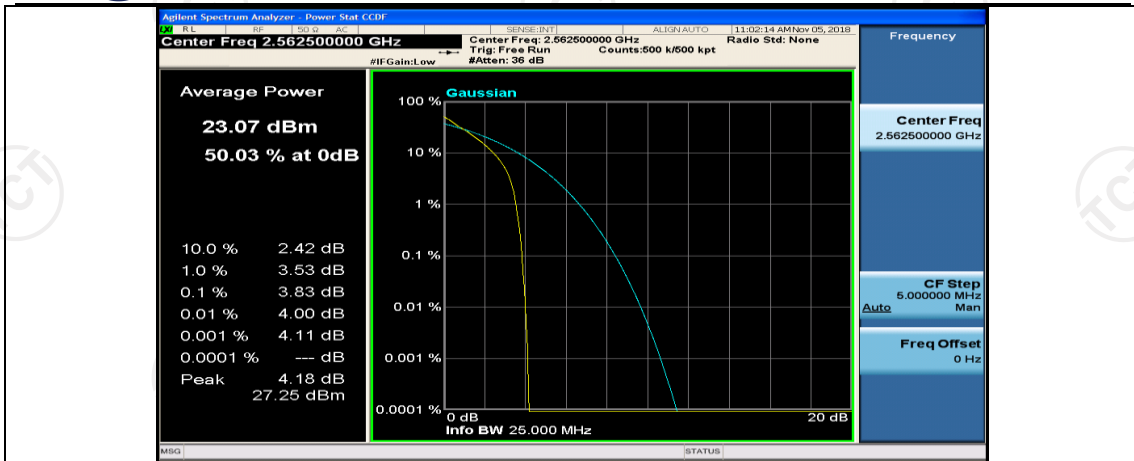
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



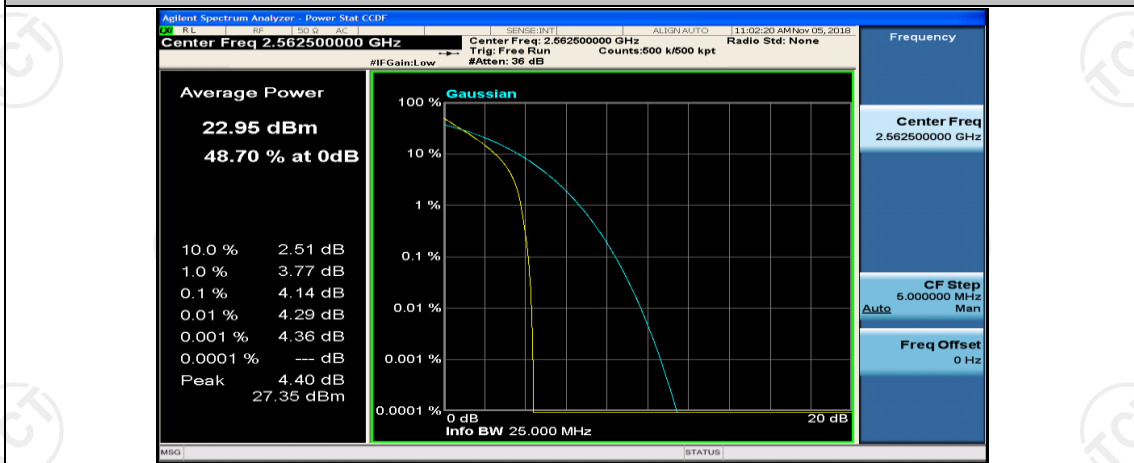
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



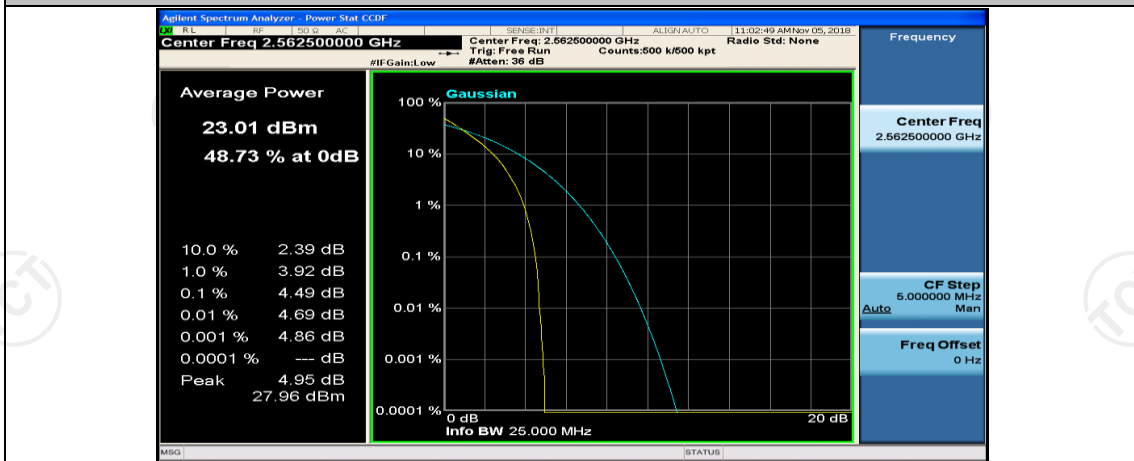
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



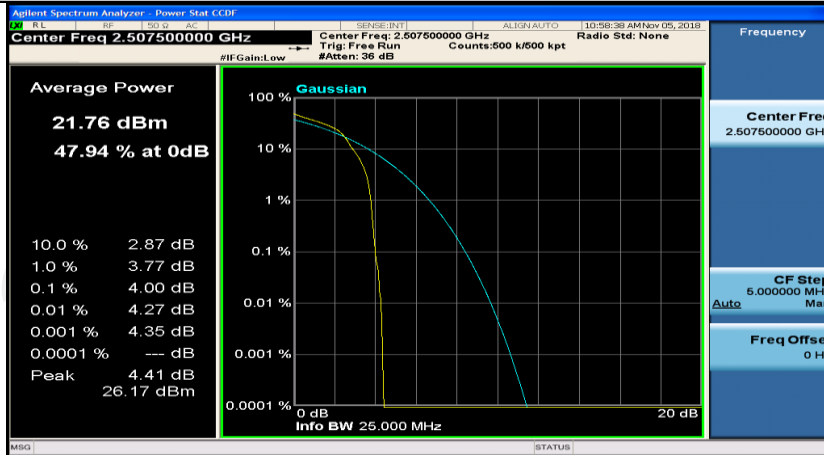
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



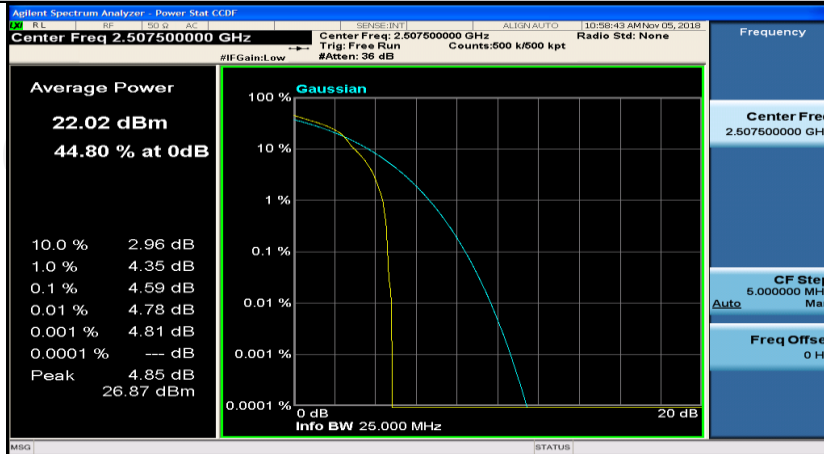
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



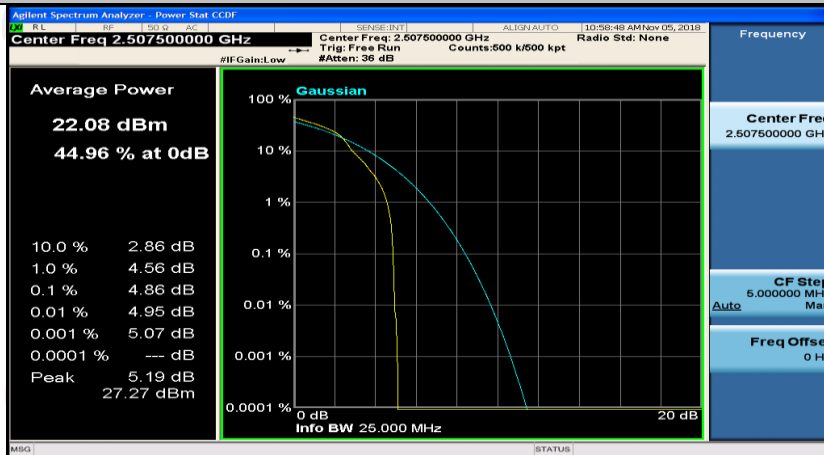
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



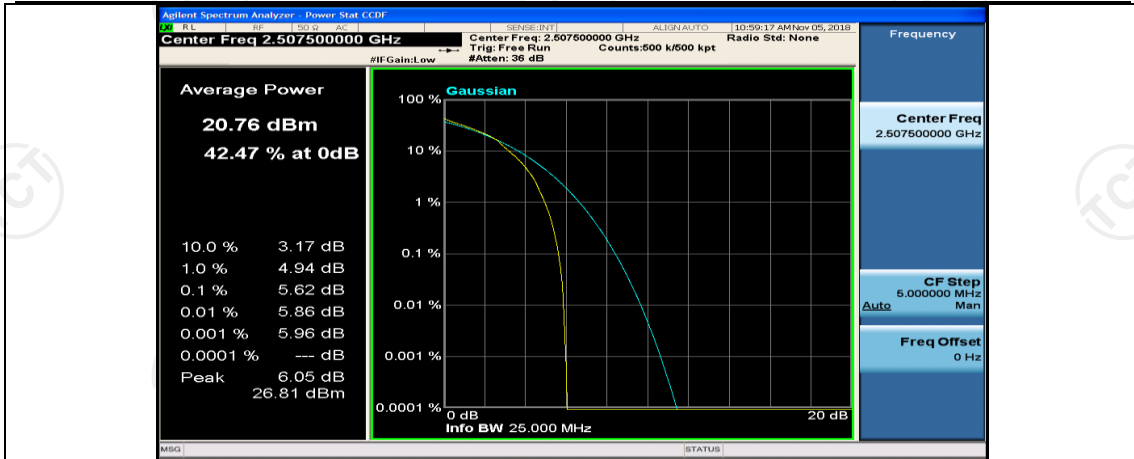
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



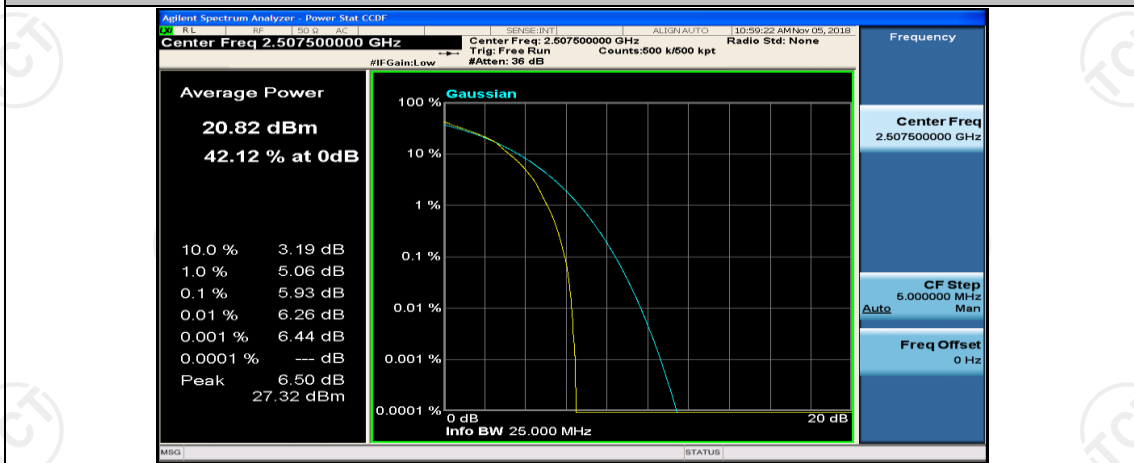
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



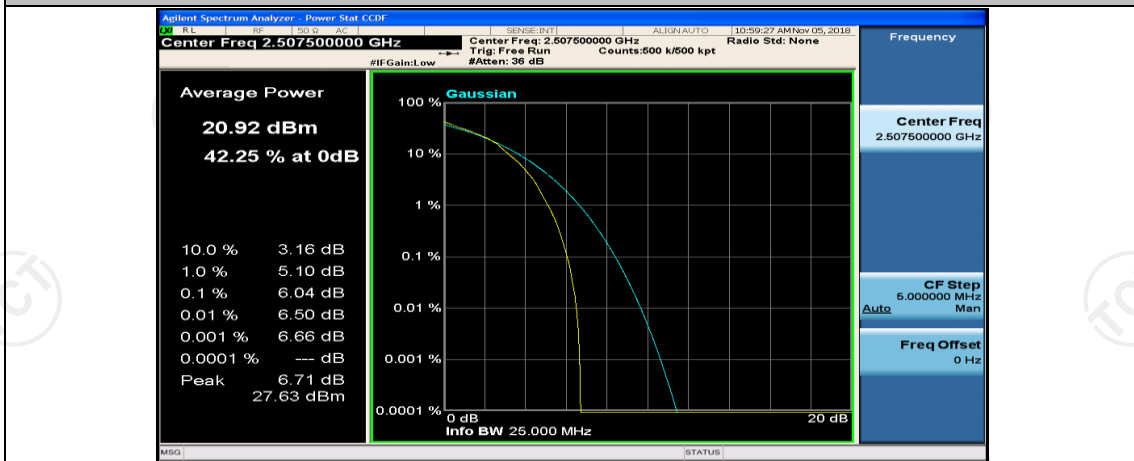
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



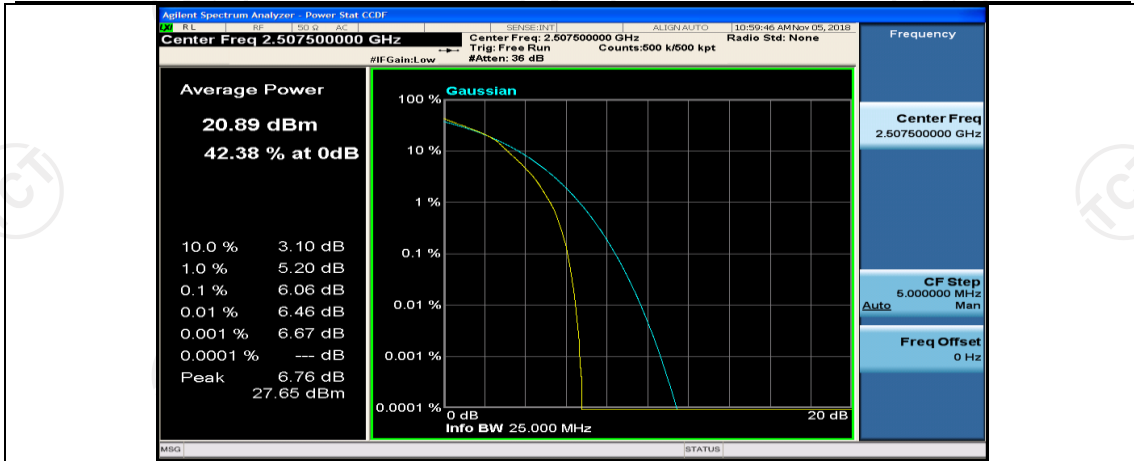
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



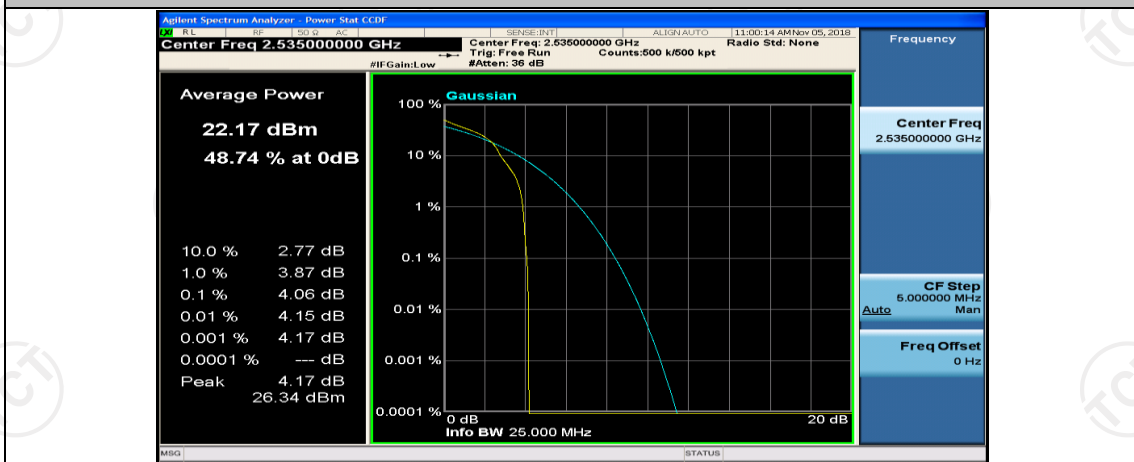
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



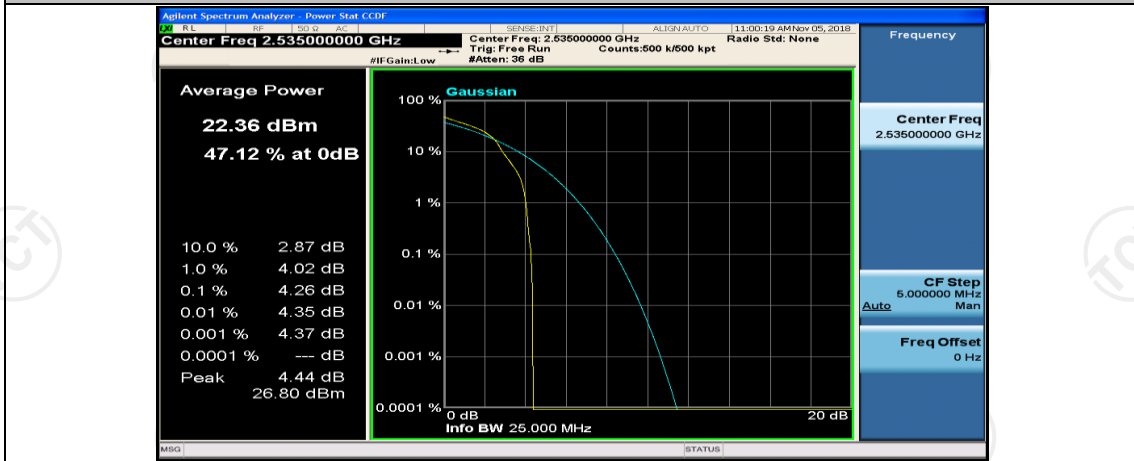
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



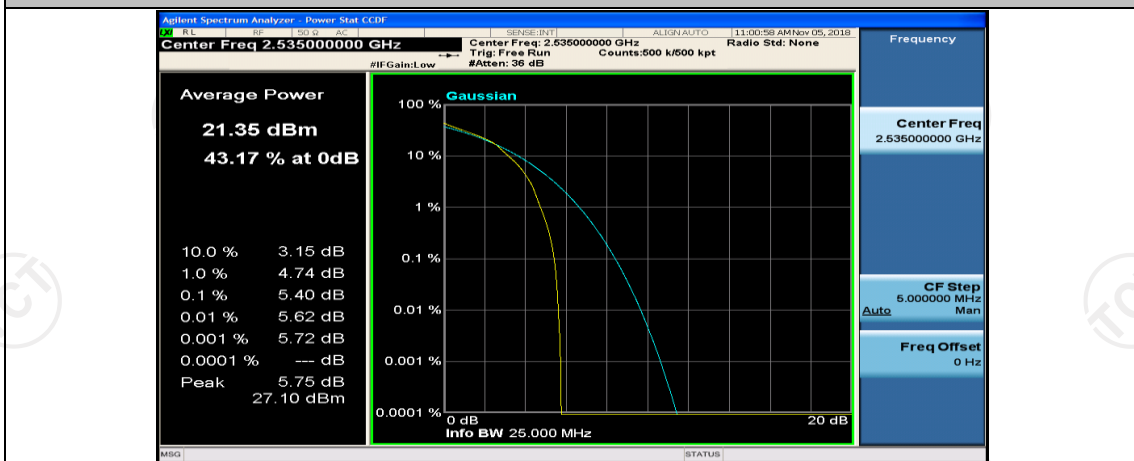
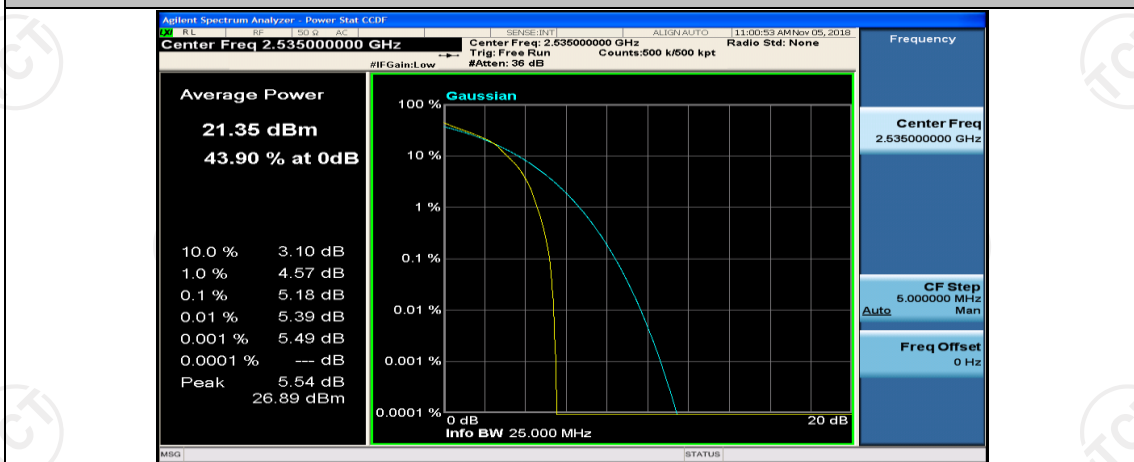
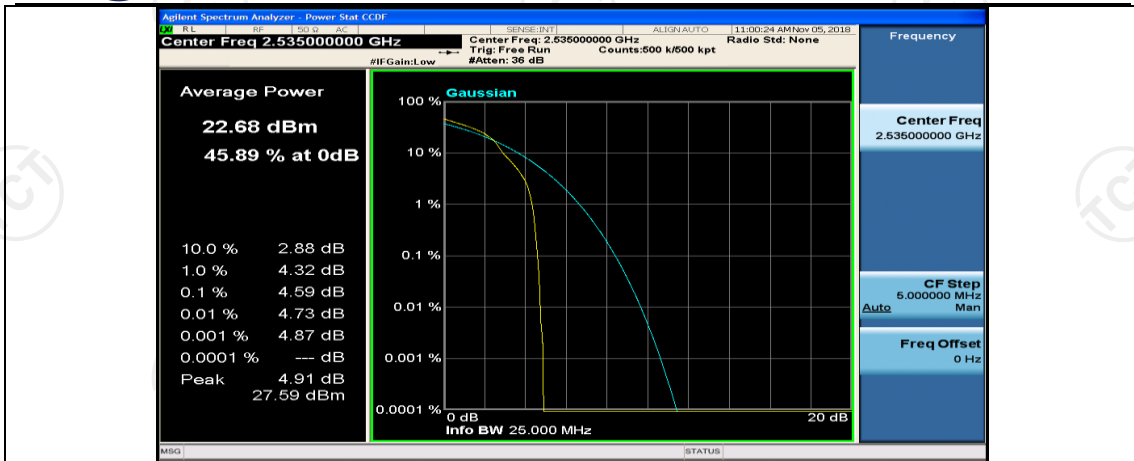
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

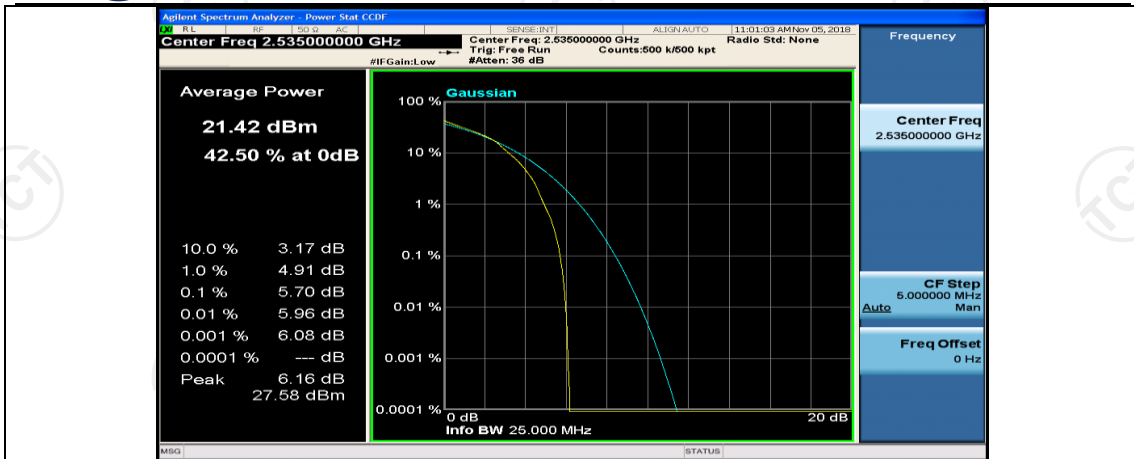


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

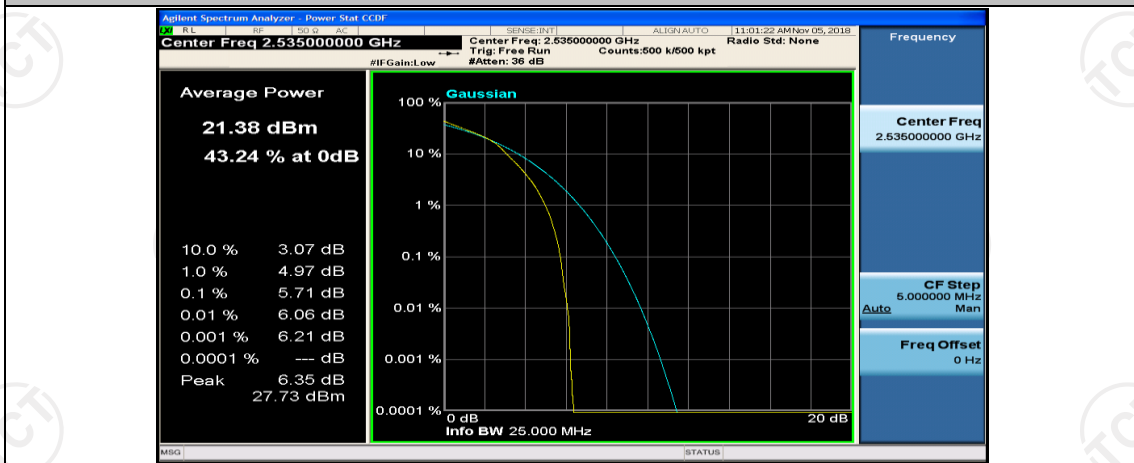


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74

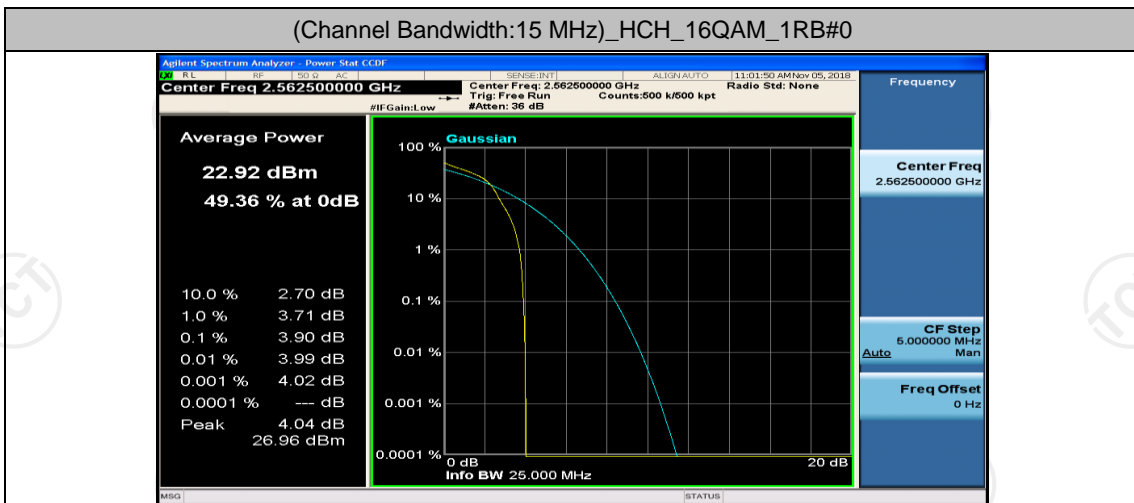




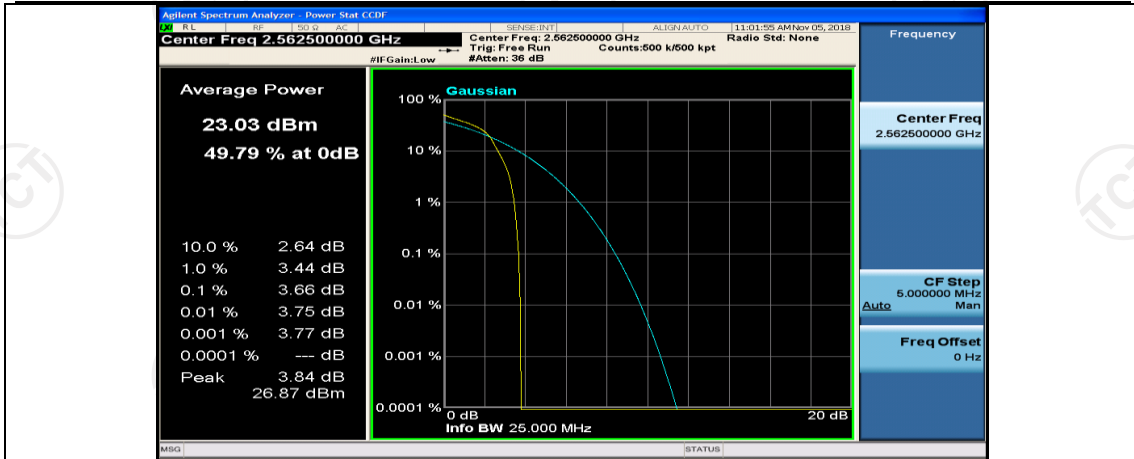
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



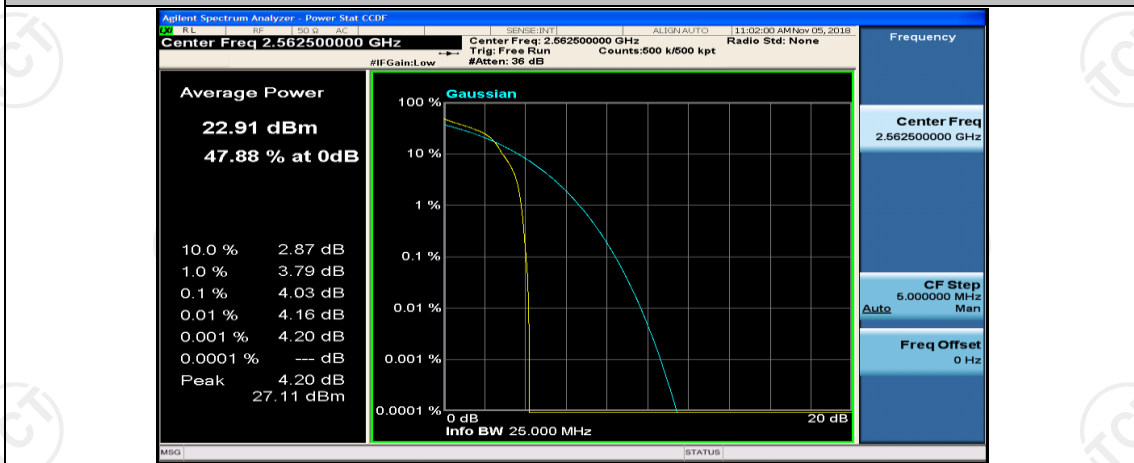
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



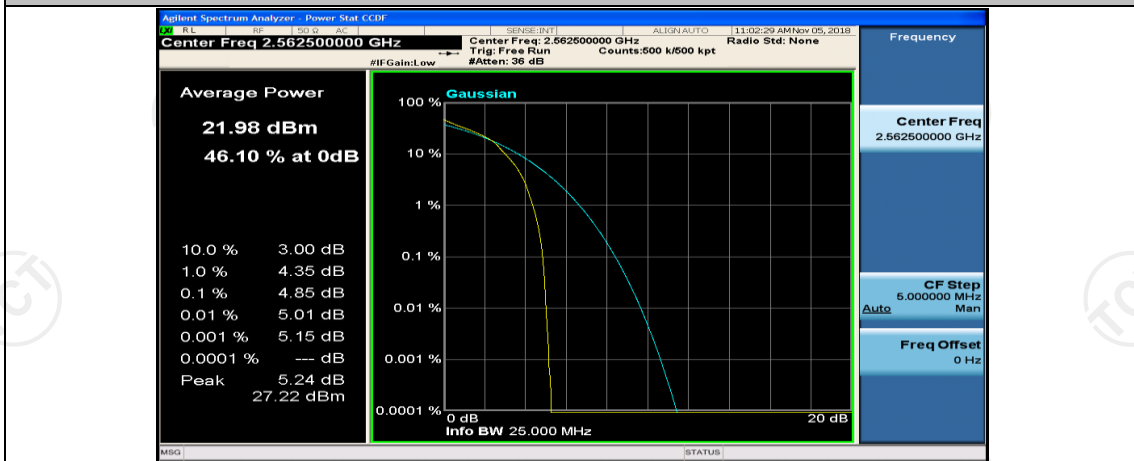
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



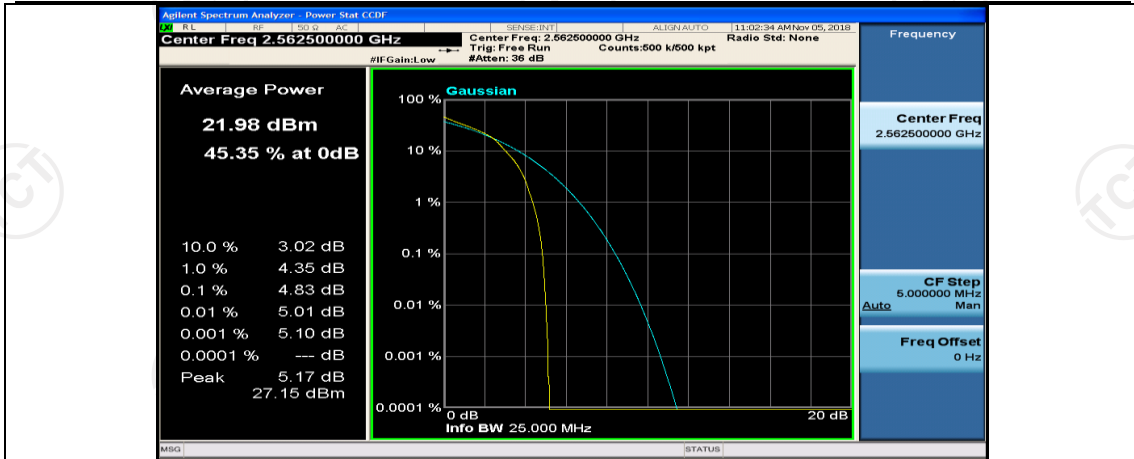
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



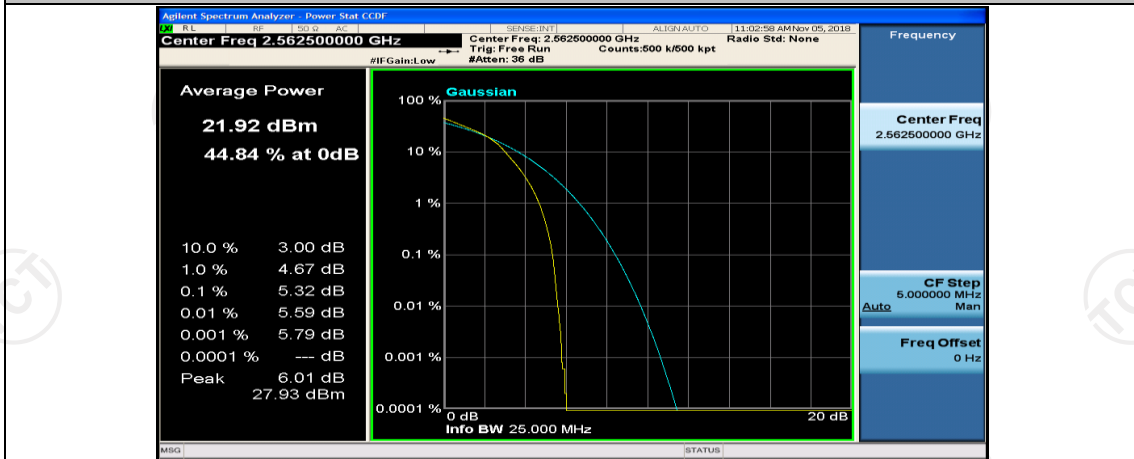
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



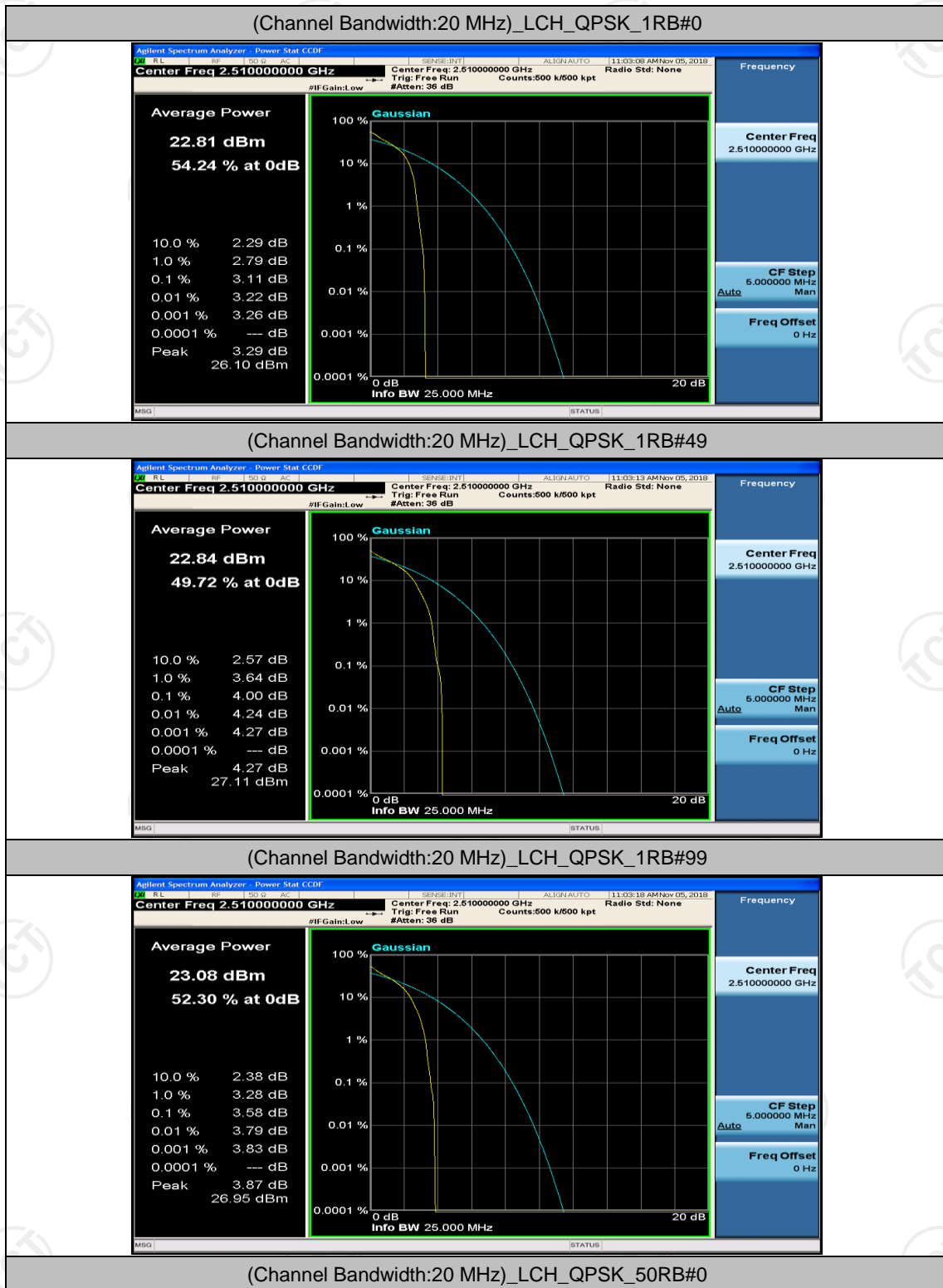
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38

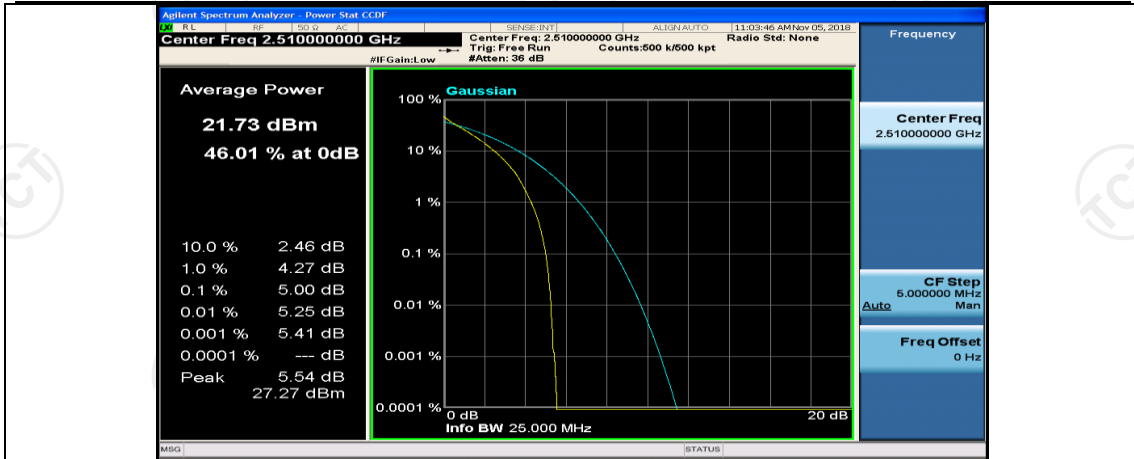


(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

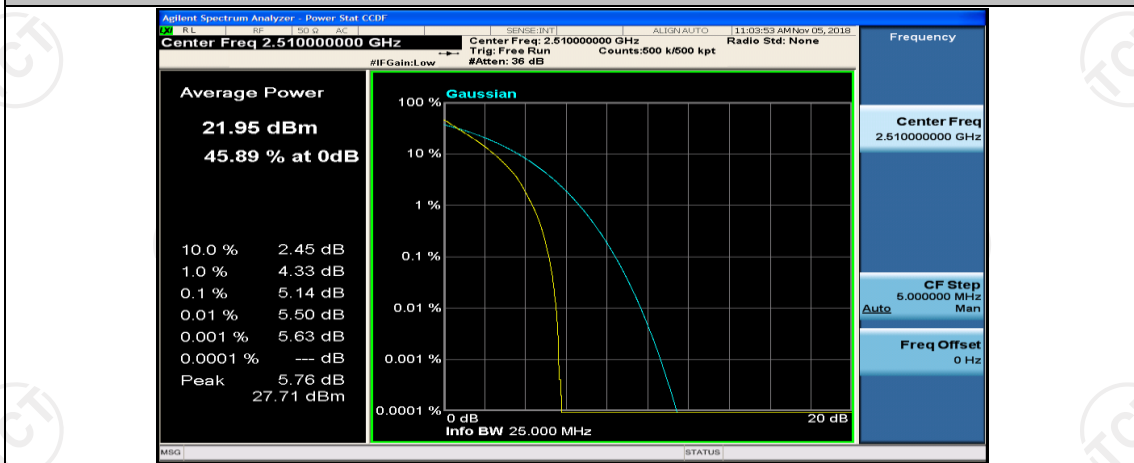


Channel Bandwidth: 20 MHz

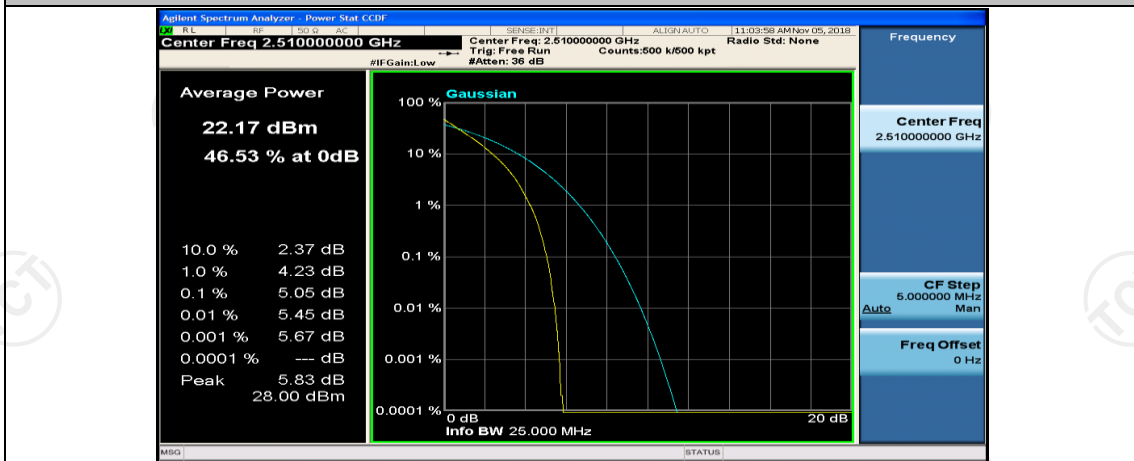




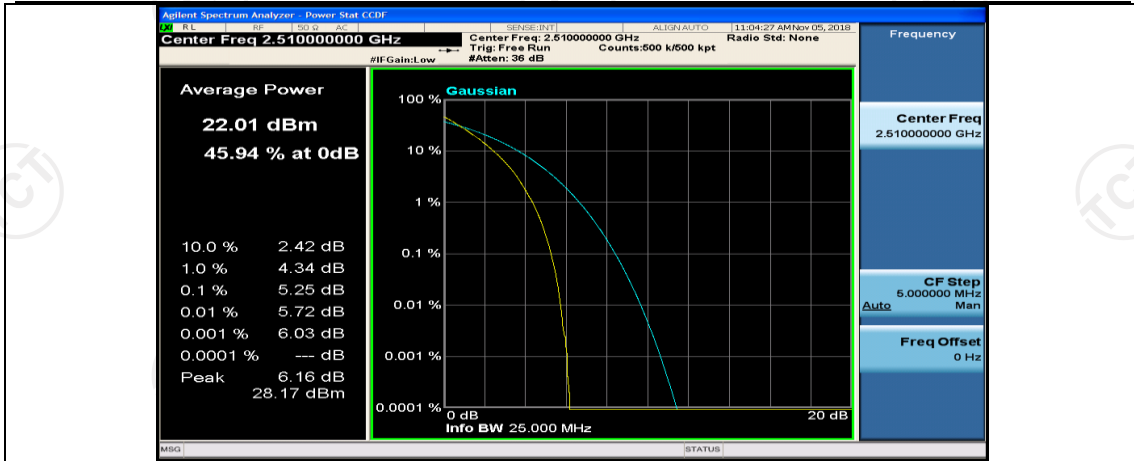
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



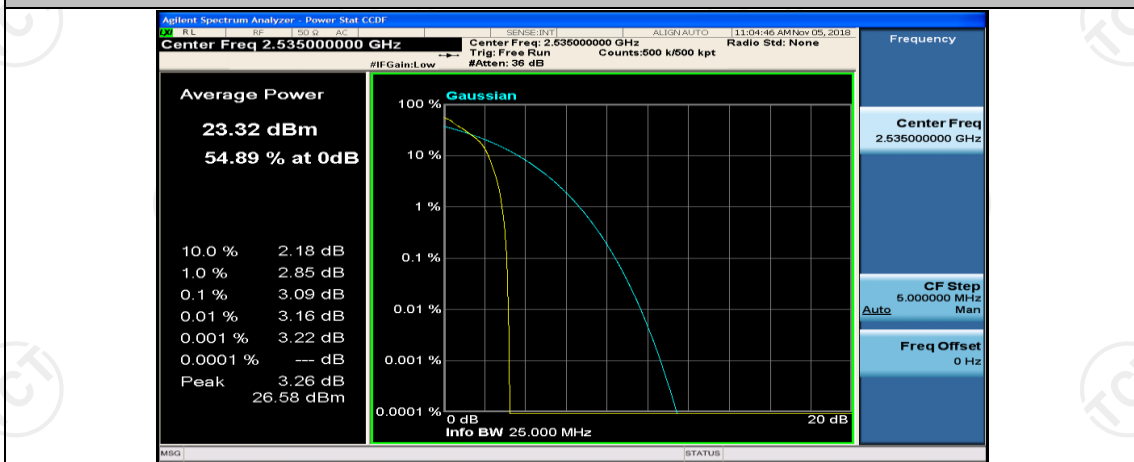
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



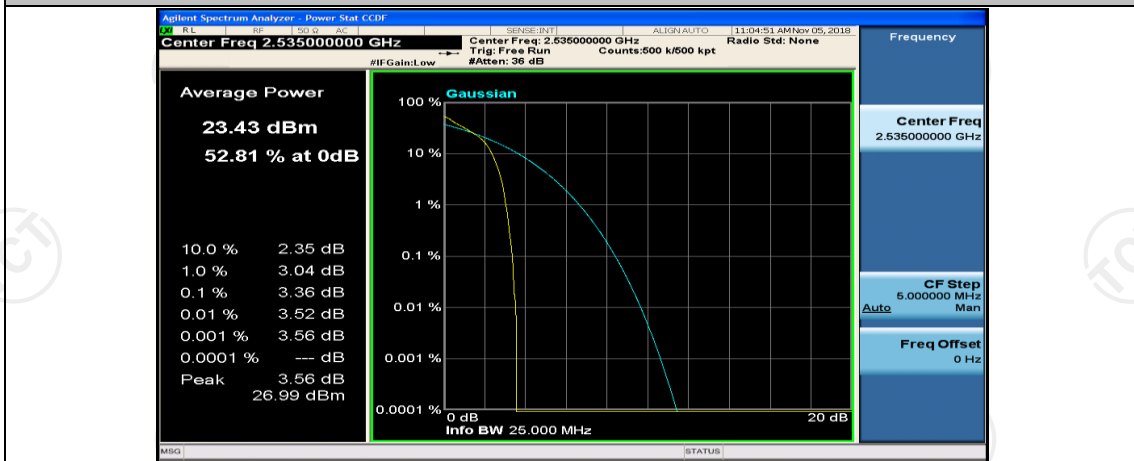
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



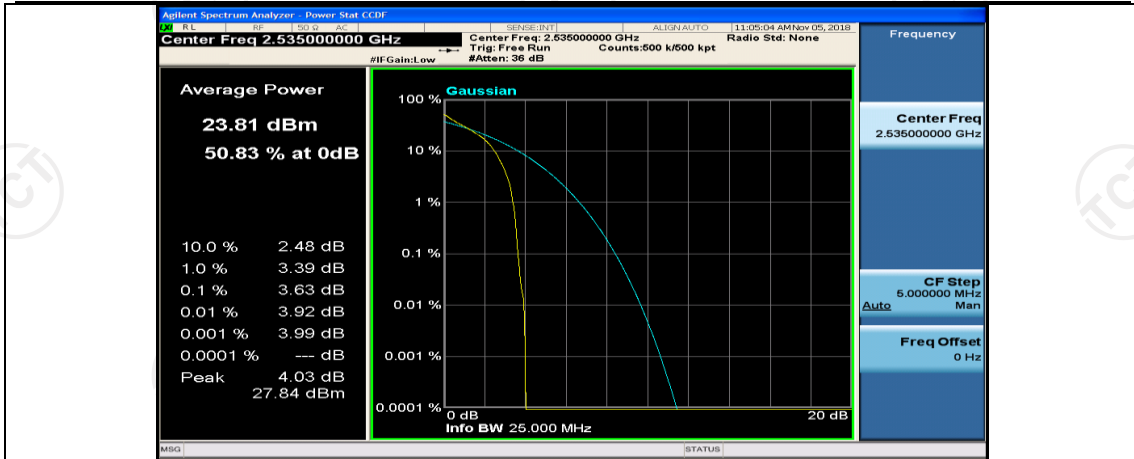
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



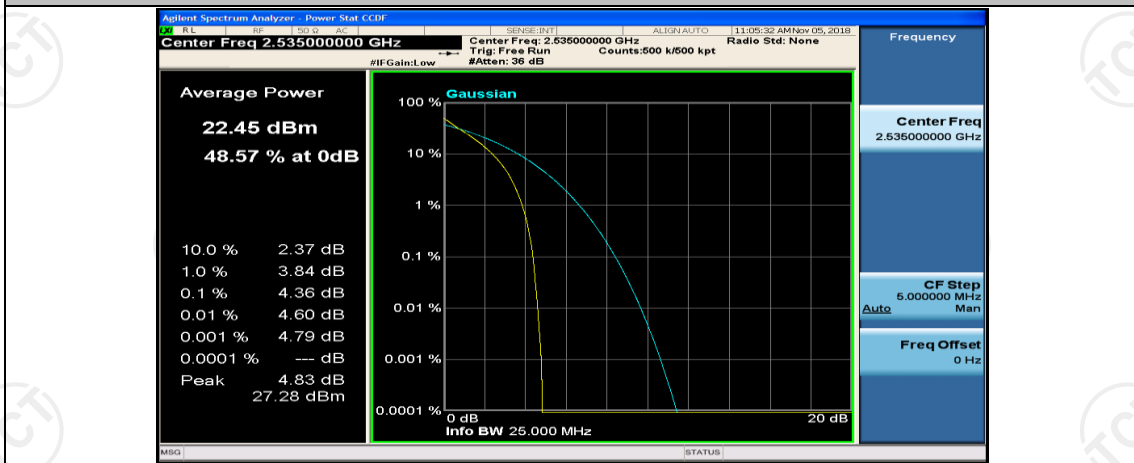
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



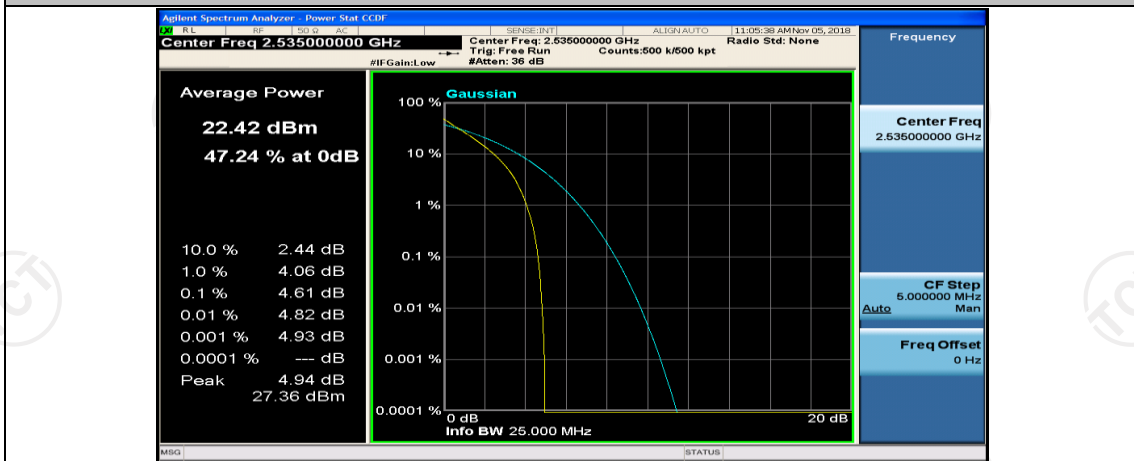
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99



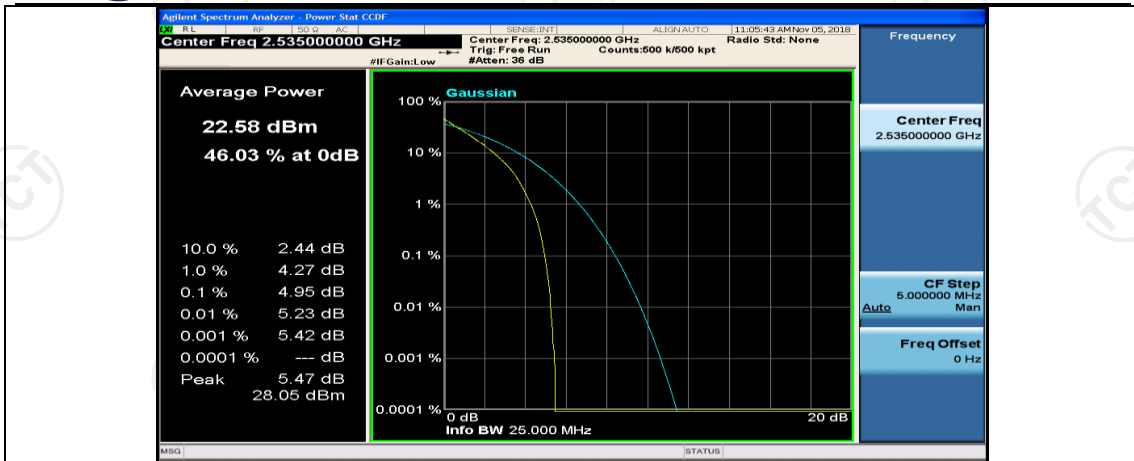
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0



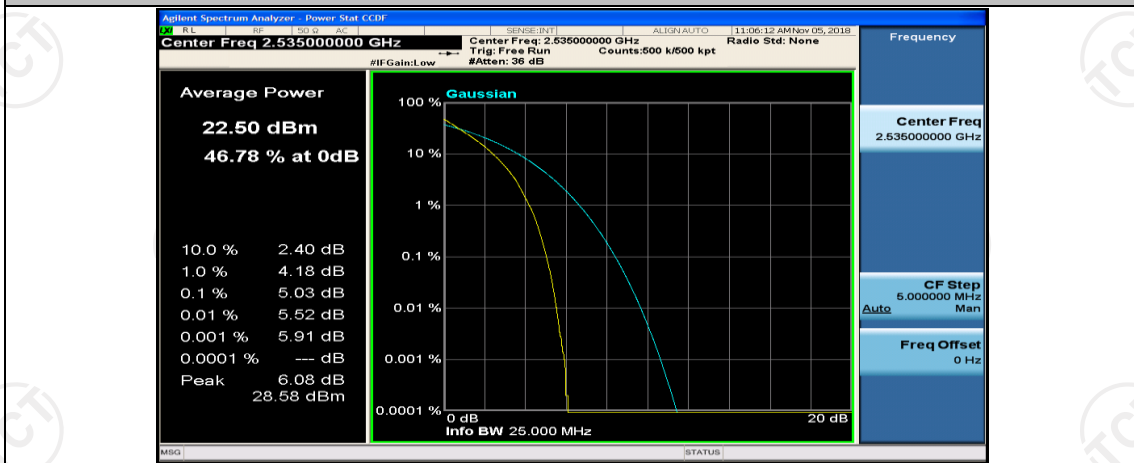
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25



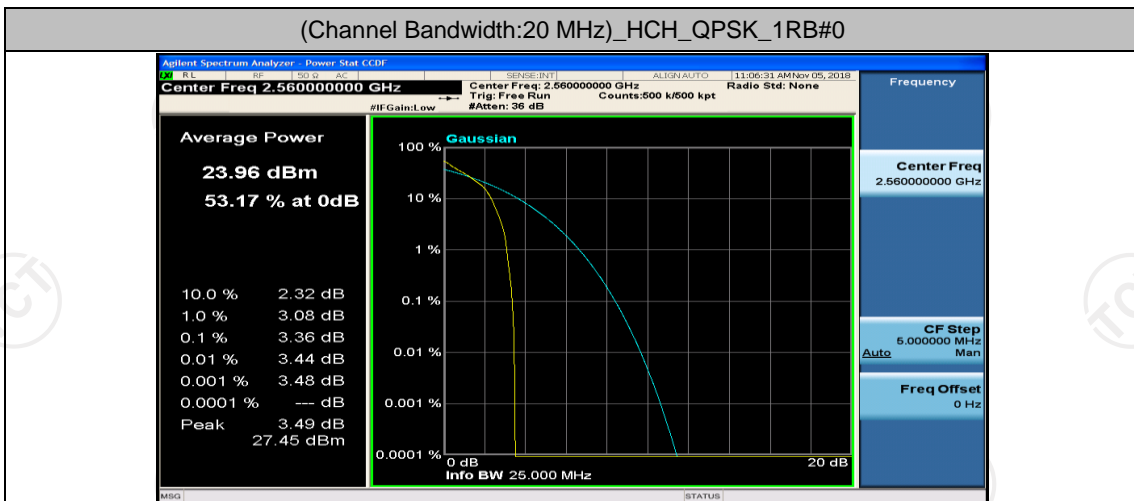
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50



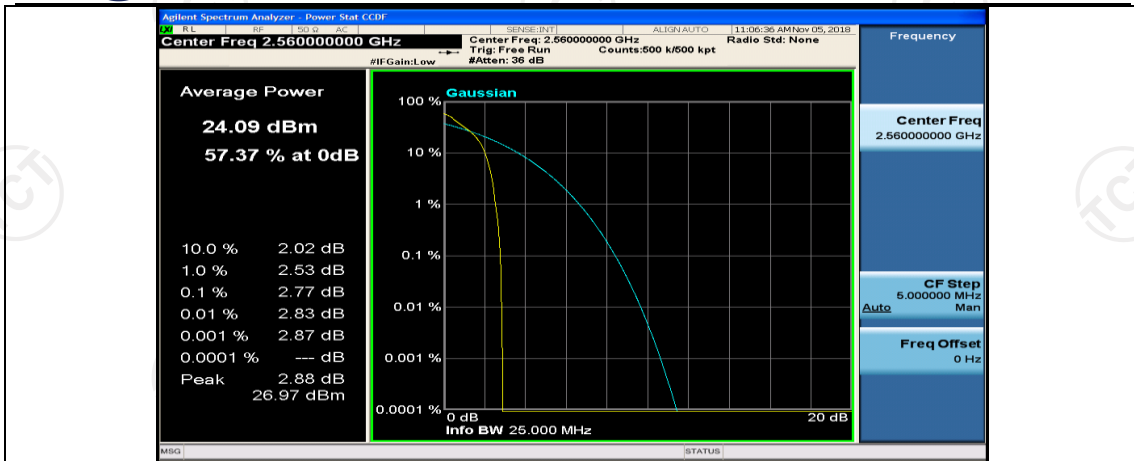
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



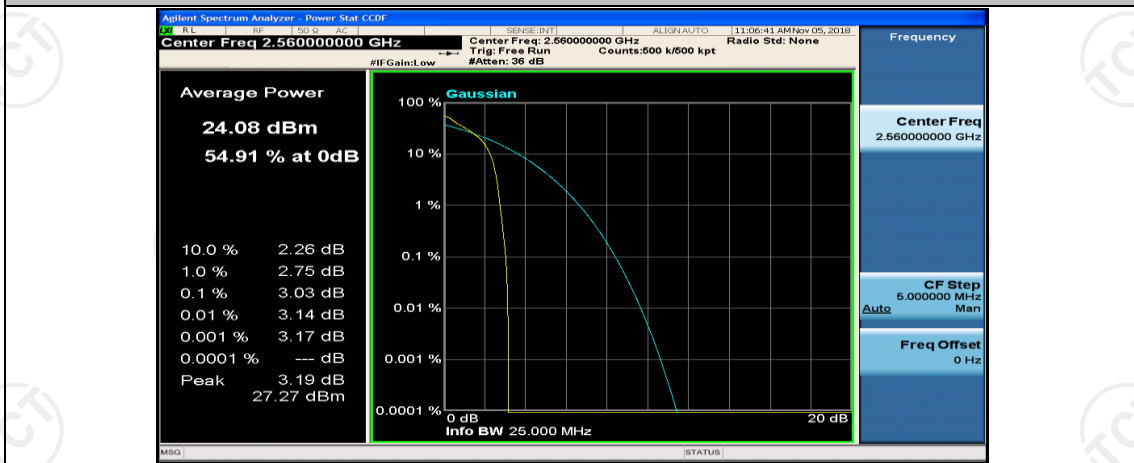
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



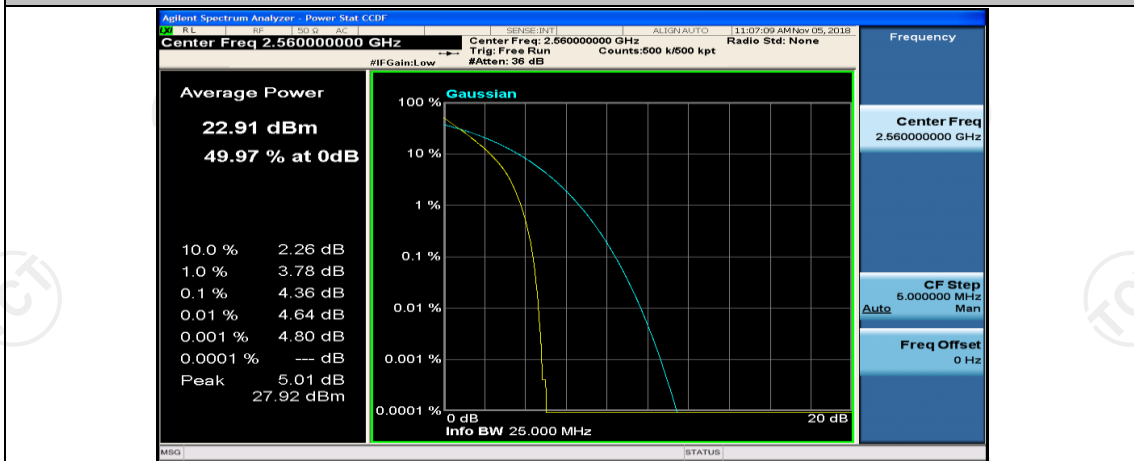
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49



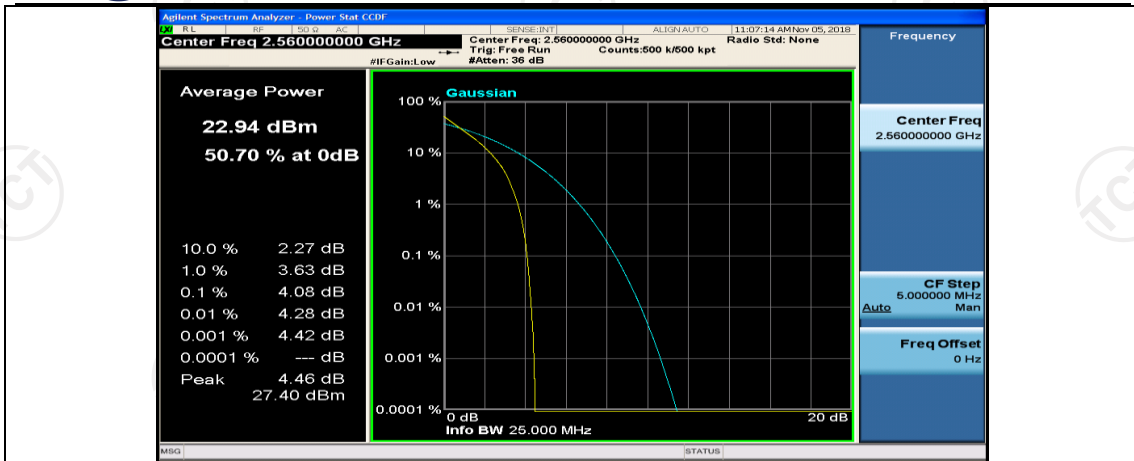
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99



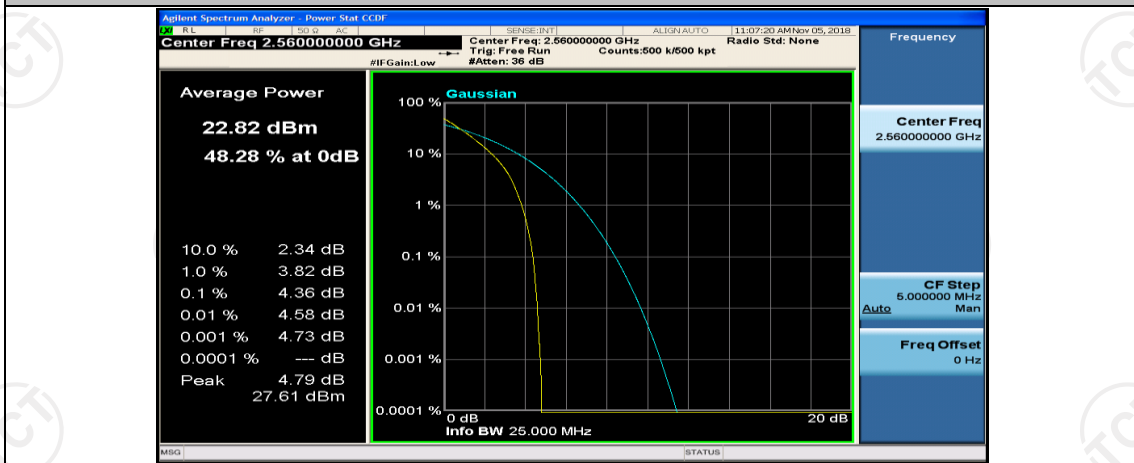
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0



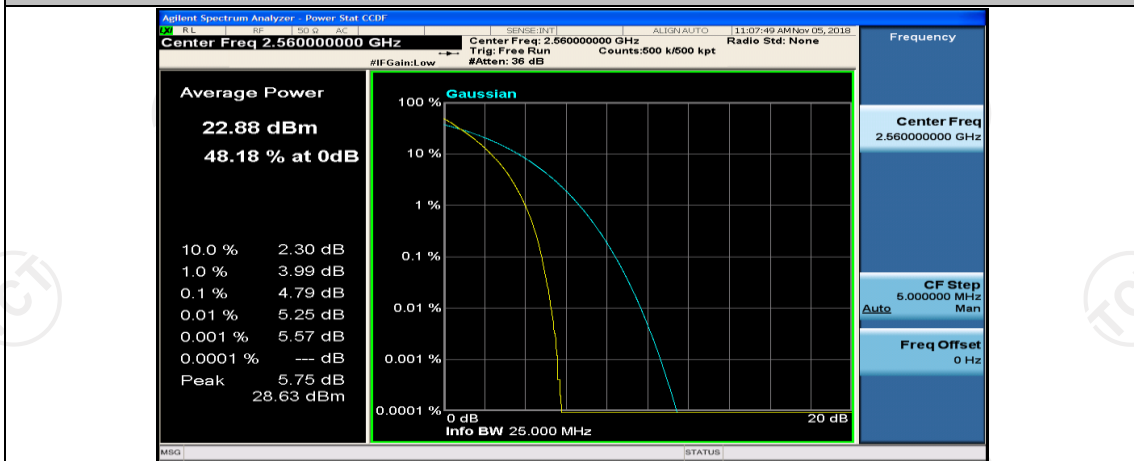
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25



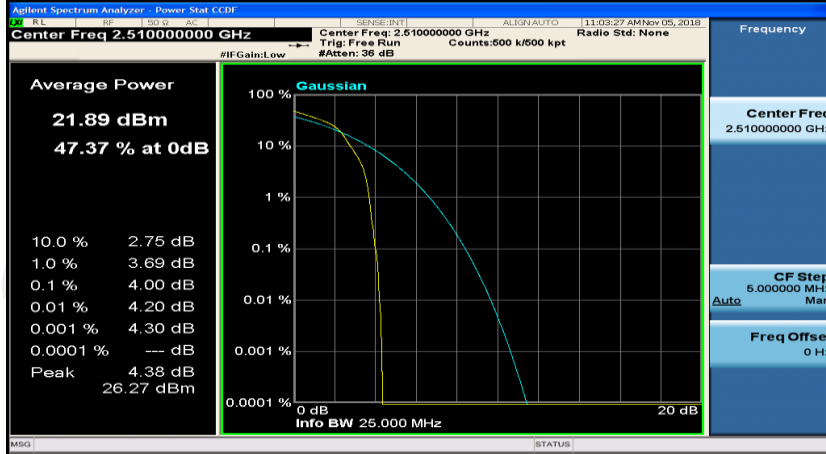
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50



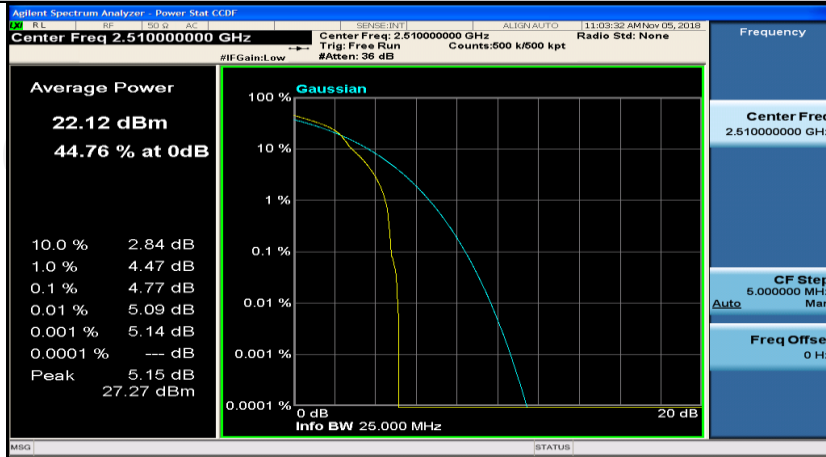
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



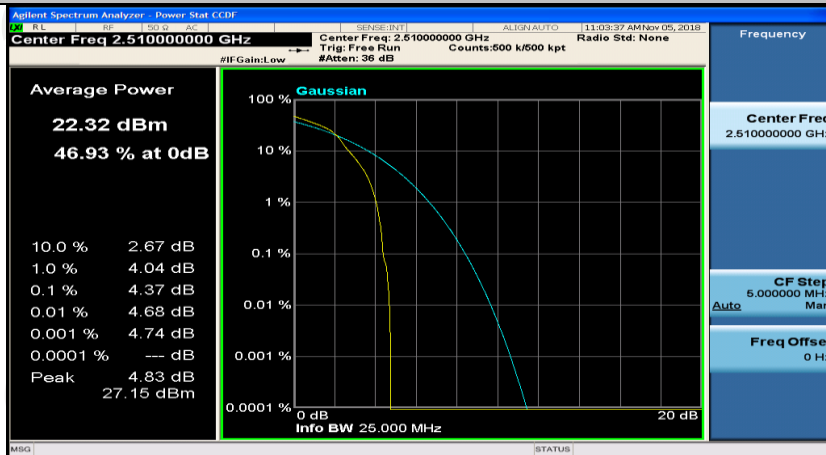
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



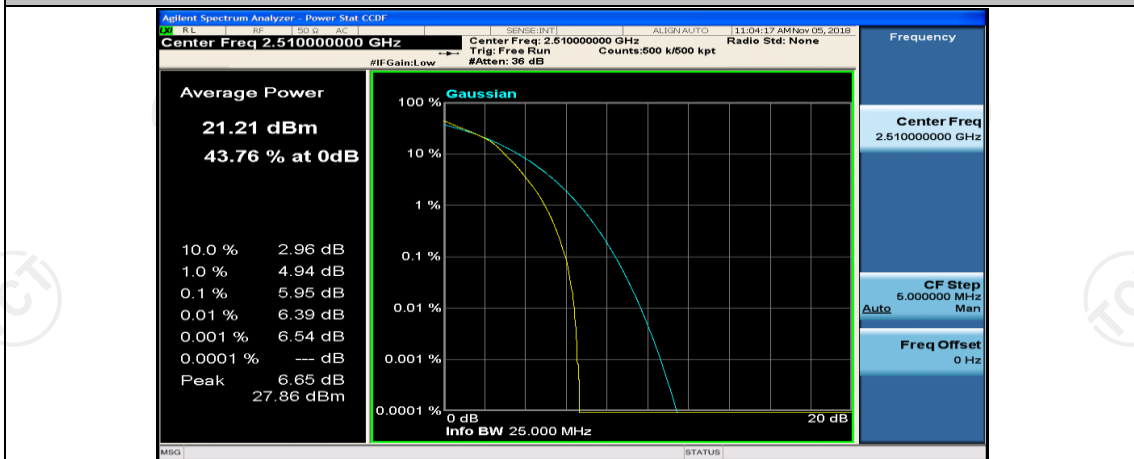
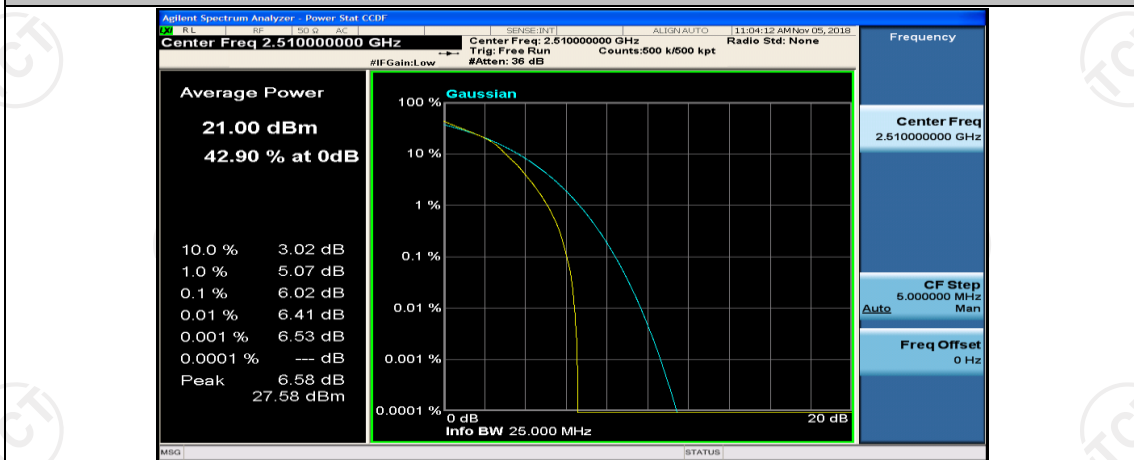
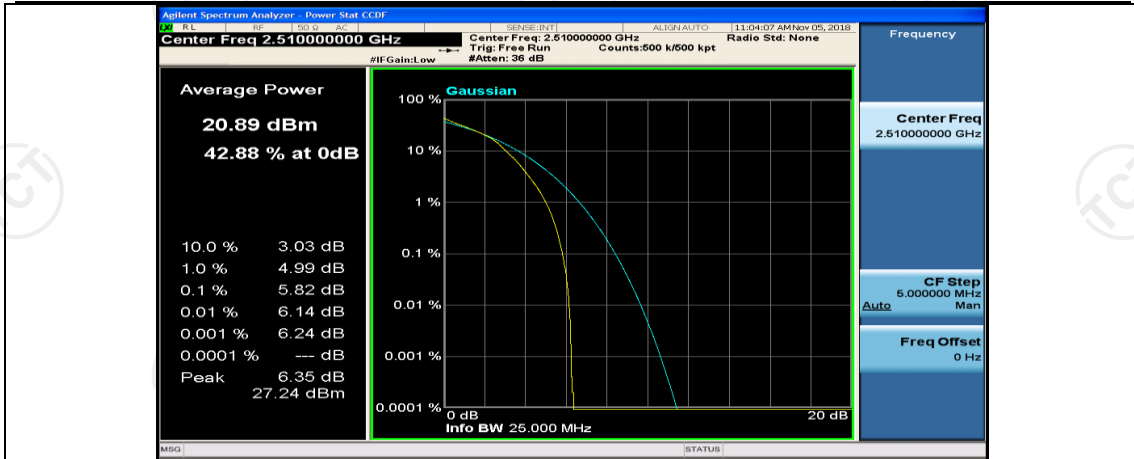
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

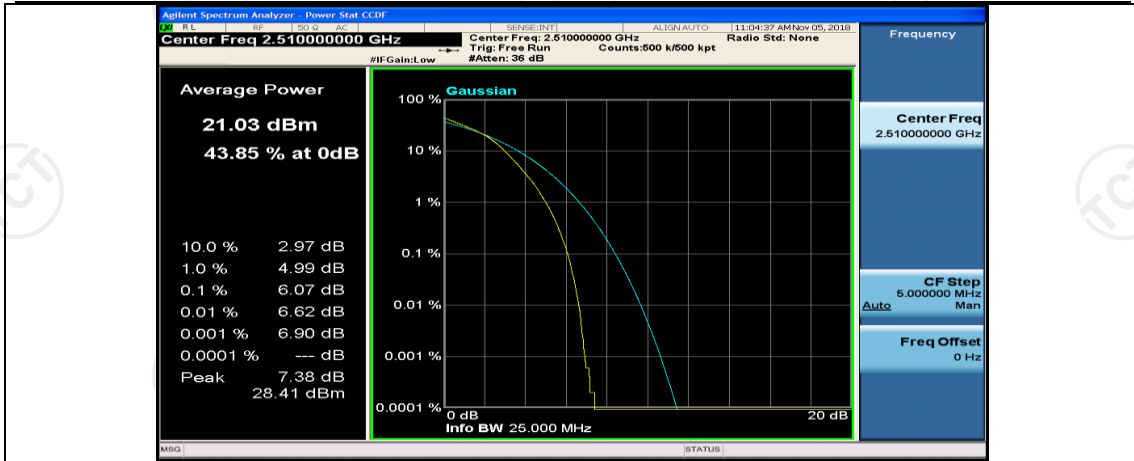


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99

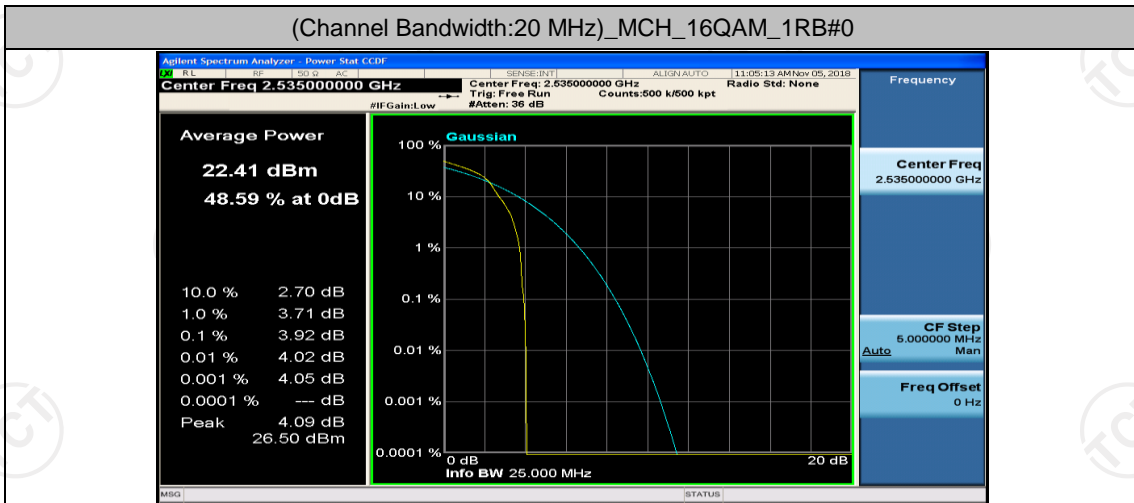


(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0

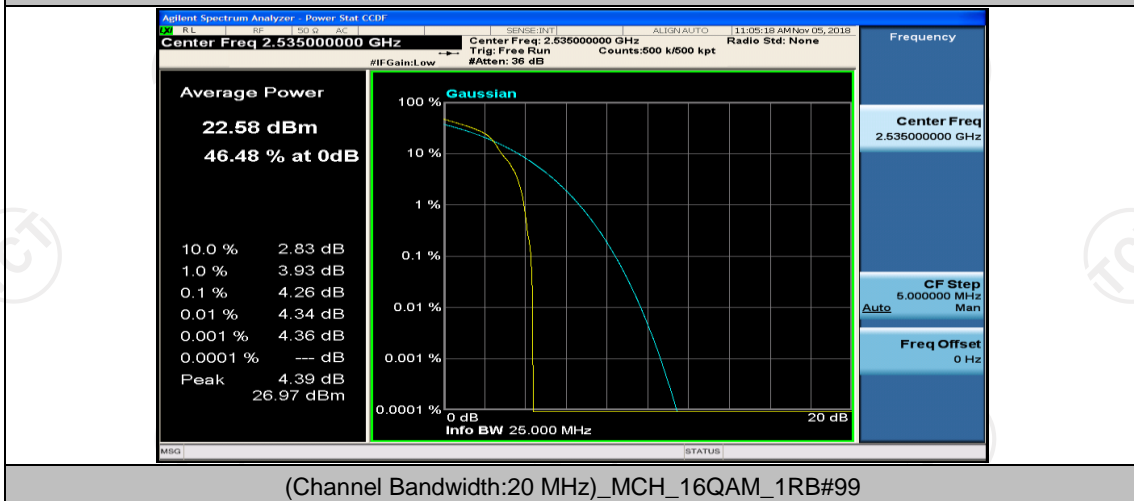




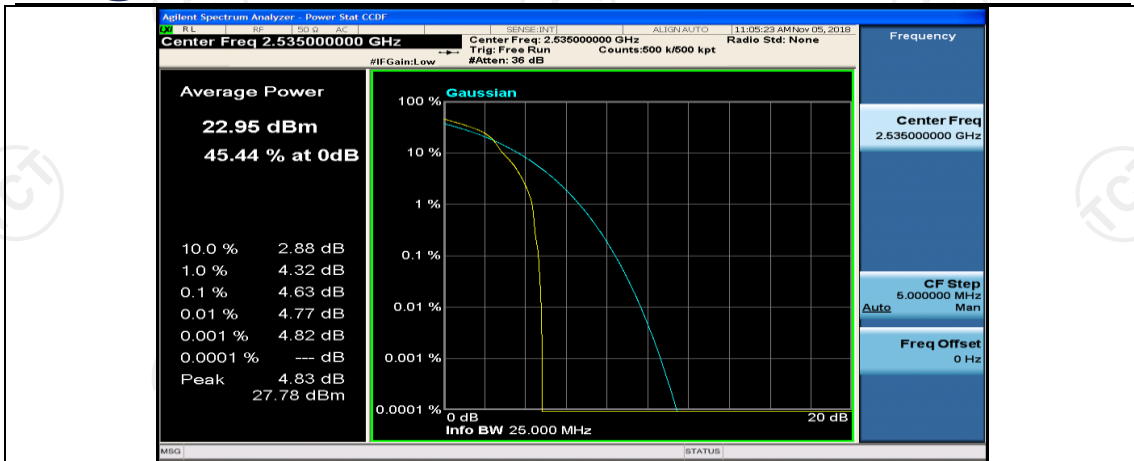
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0



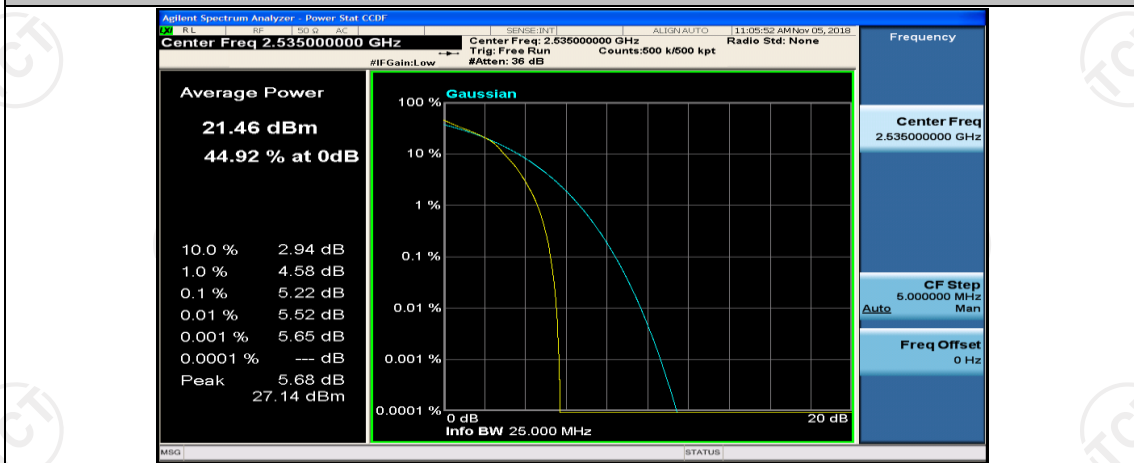
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49



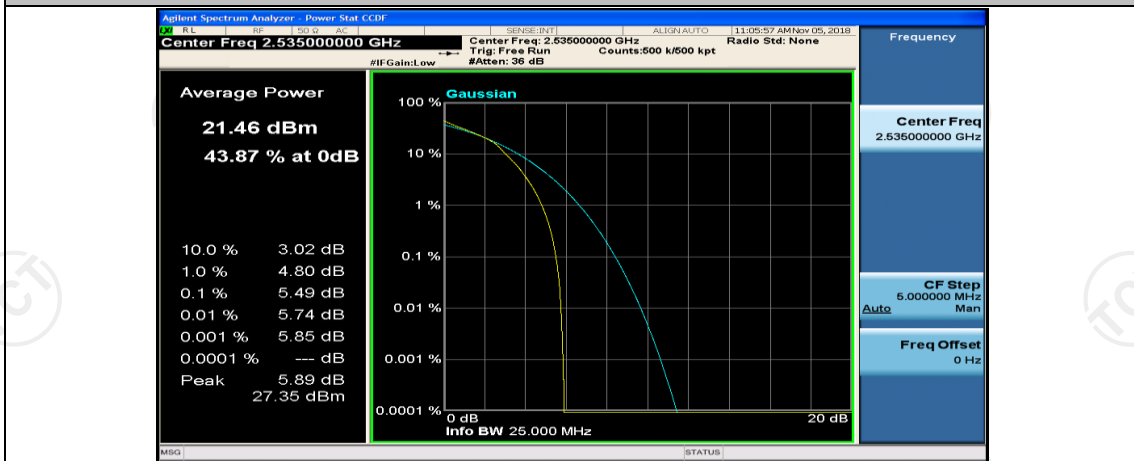
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99



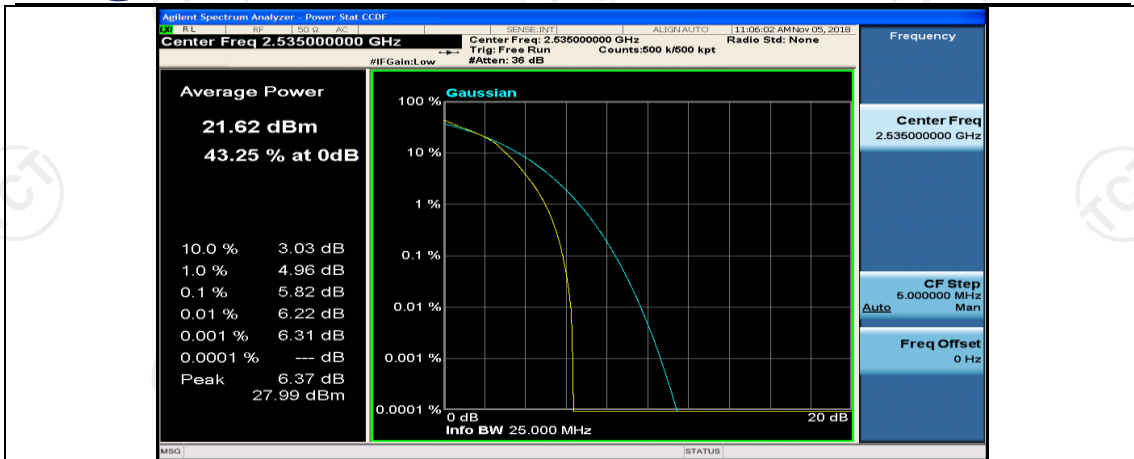
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0



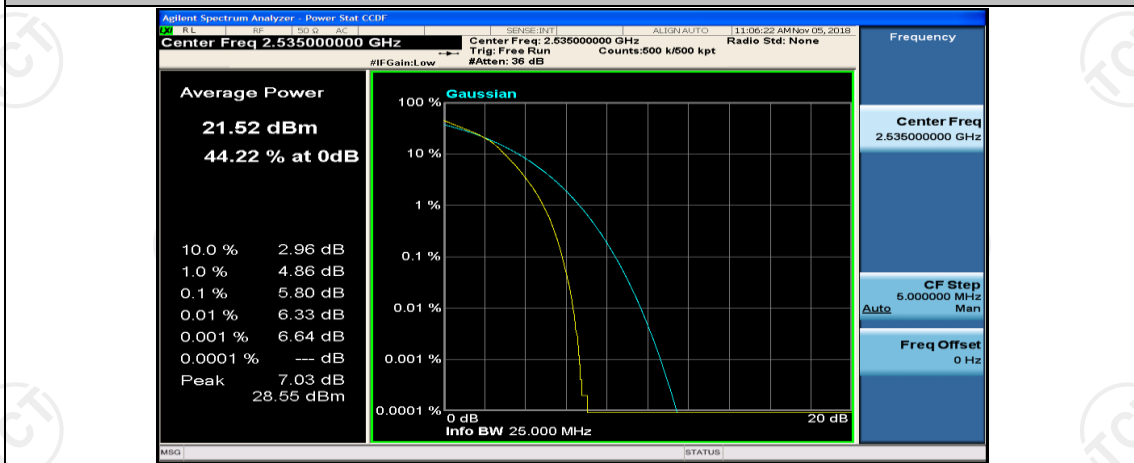
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25



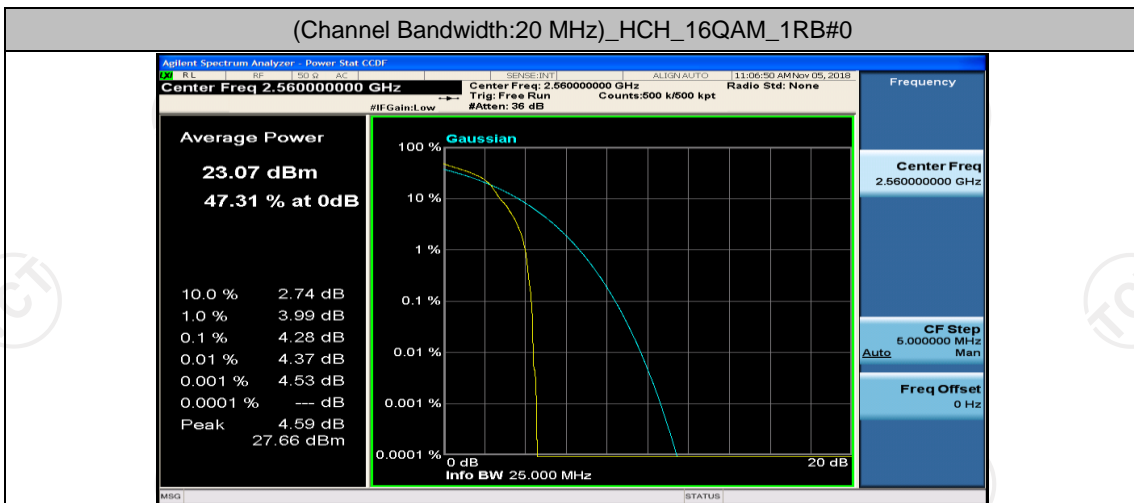
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50



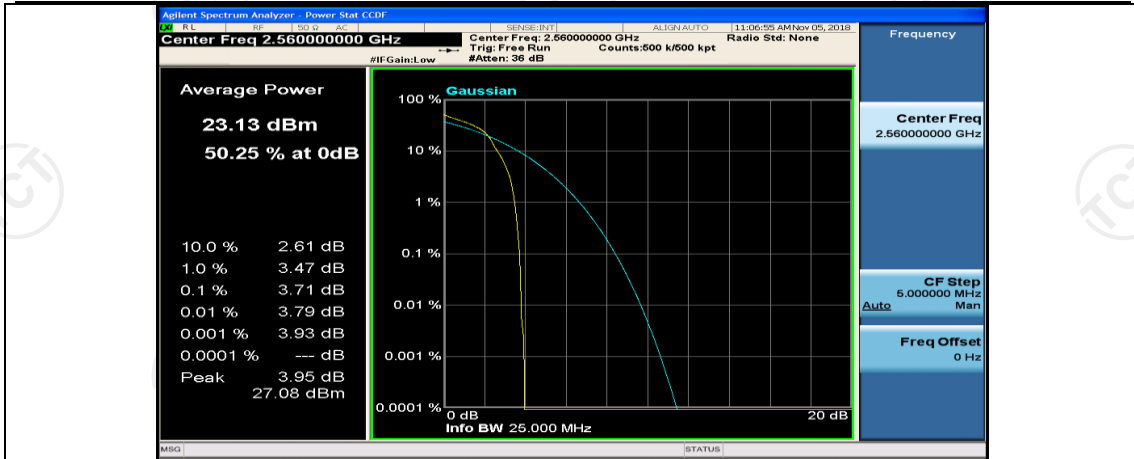
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



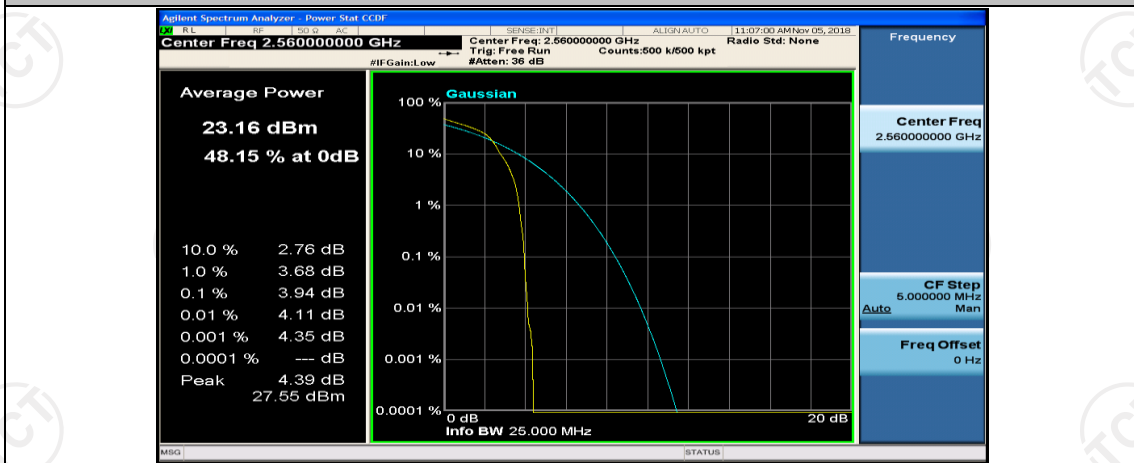
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



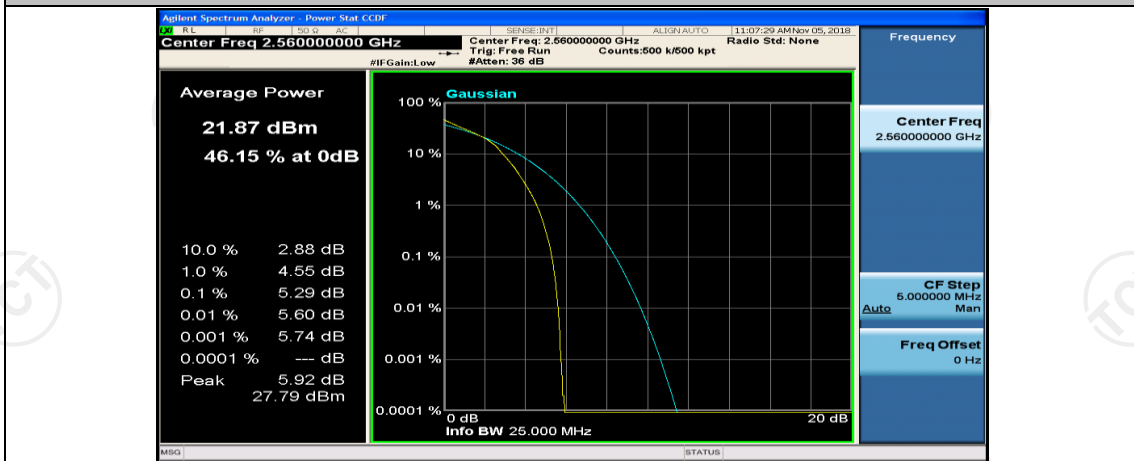
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



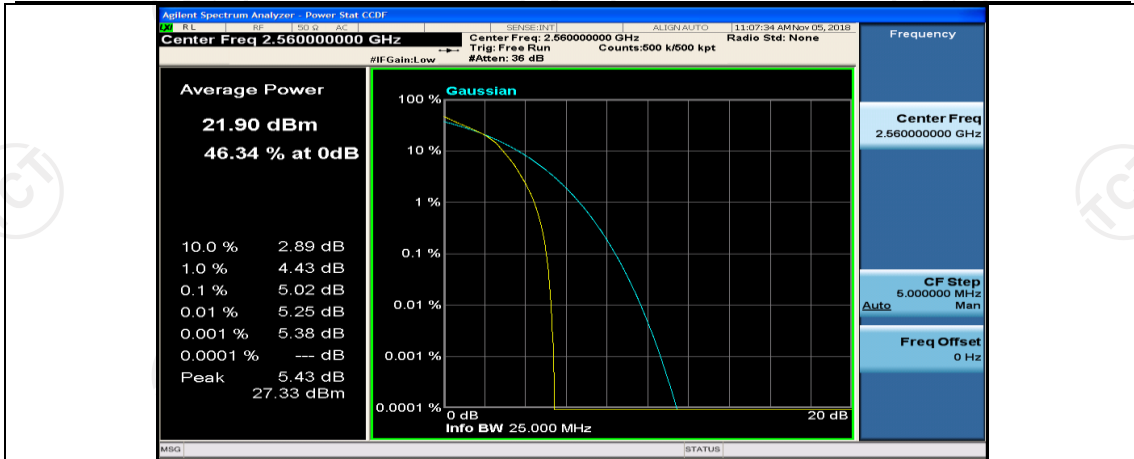
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



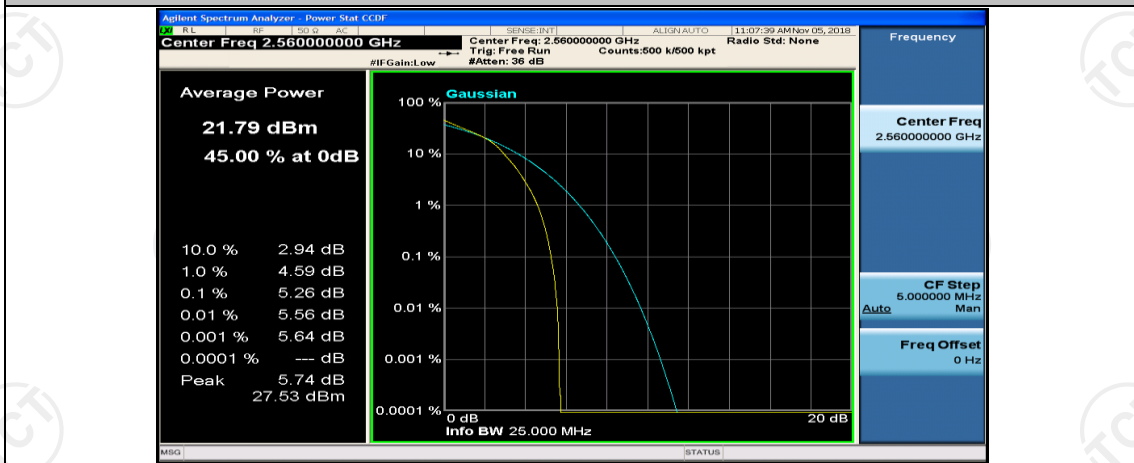
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



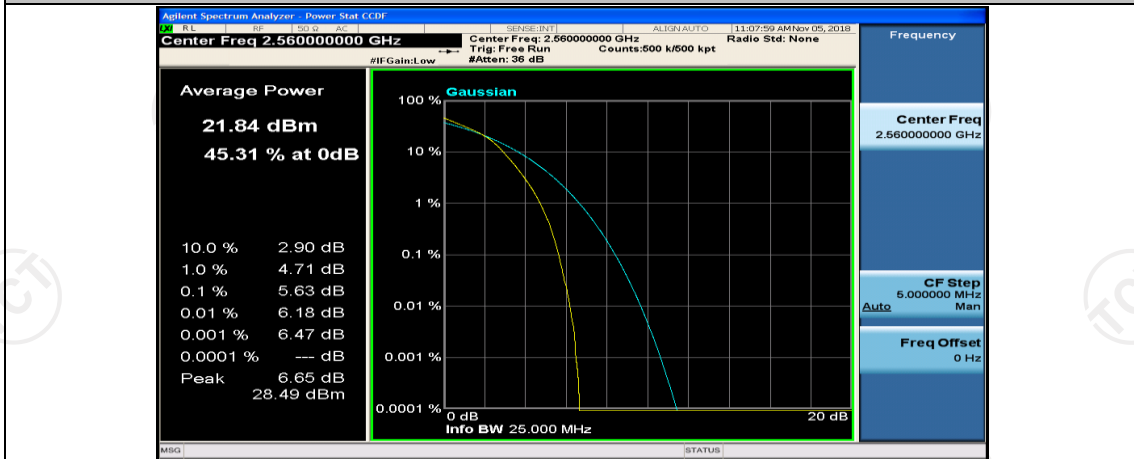
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



(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	0.33228	0.5593	PASS
		1	12	0.36658	0.6255	PASS
		1	24	0.33792	0.6137	PASS
		12	0	2.1732	2.568	PASS
		12	6	2.1748	2.613	PASS
		12	13	2.1749	2.539	PASS
		25	0	4.4748	4.802	PASS
	MCH	1	0	0.32929	0.5602	PASS
		1	12	0.36913	0.6230	PASS
		1	24	0.34300	0.5716	PASS
		12	0	2.1754	2.557	PASS
		12	6	2.1817	2.666	PASS
		12	13	2.1760	2.570	PASS
		25	0	4.4768	4.832	PASS
	HCH	1	0	0.33789	0.5545	PASS
		1	12	0.36669	0.6020	PASS
		1	24	0.35155	0.5671	PASS
		12	0	2.1804	2.563	PASS
		12	6	2.1786	2.656	PASS
		12	13	2.1761	2.551	PASS
		25	0	4.4764	4.827	PASS
16QAM	LCH	1	0	0.35150	0.5562	PASS
		1	12	0.38398	0.6001	PASS
		1	24	0.34869	0.5487	PASS
		12	0	2.1770	2.526	PASS
		12	6	2.1775	2.657	PASS
		12	13	2.1748	2.593	PASS
		25	0	4.4719	4.857	PASS
	MCH	1	0	0.34512	0.5576	PASS
		1	12	0.38467	0.6120	PASS
		1	24	0.36406	0.5618	PASS

		12	0	2.1803	2.578	PASS
		12	6	2.1844	2.612	PASS
		12	13	2.1835	2.511	PASS
		25	0	4.4810	4.833	PASS
	HCH	1	0	0.33731	0.4822	PASS
		1	12	0.37773	0.5785	PASS
		1	24	0.32889	0.5017	PASS
		12	0	2.1770	2.597	PASS
		12	6	2.1825	2.652	PASS
		12	13	2.1796	2.628	PASS
		25	0	4.4799	4.798	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	0.43826	0.6987	PASS
		1	25	0.45324	0.7274	PASS
		1	49	0.42709	0.6832	PASS
		25	0	4.5203	5.013	PASS
		25	12	4.5244	5.017	PASS
		25	25	4.5183	5.002	PASS
		50	0	8.9518	9.552	PASS
	MCH	1	0	0.43344	0.7063	PASS
		1	25	0.46154	0.7270	PASS
		1	49	0.44065	0.6602	PASS
		25	0	4.5199	5.023	PASS
		25	12	4.5111	5.115	PASS
		25	25	4.5201	5.057	PASS
		50	0	8.9328	9.427	PASS
	HCH	1	0	0.45657	0.6842	PASS
		1	25	0.46674	0.6834	PASS
		1	49	0.45690	0.6761	PASS
		25	0	4.5087	5.104	PASS
		25	12	4.5145	5.124	PASS
		25	25	4.5196	5.011	PASS
		50	0	8.9390	9.496	PASS
16QAM	LCH	1	0	0.43666	0.7018	PASS
		1	25	0.44752	0.7569	PASS

		1	49	0.44253	0.7088	PASS
		25	0	4.5270	4.939	PASS
		25	12	4.5174	5.060	PASS
		25	25	4.5099	4.986	PASS
		50	0	8.9431	9.499	PASS
	MCH	1	0	0.43541	0.6516	PASS
		1	25	0.44016	0.6739	PASS
		1	49	0.43463	0.6719	PASS
		25	0	4.5168	5.070	PASS
		25	12	4.5205	5.230	PASS
		25	25	4.5229	5.007	PASS
		50	0	8.9507	9.468	PASS
	HCH	1	0	0.45264	0.6958	PASS
		1	25	0.48071	0.7343	PASS
		1	49	0.44803	0.6884	PASS
		25	0	4.5128	5.027	PASS
		25	12	4.5223	5.107	PASS
		25	25	4.5164	5.007	PASS
		50	0	8.9200	9.428	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	0.53017	0.7942	PASS
		1	37	0.55901	0.8509	PASS
		1	74	0.52564	0.8270	PASS
		37	0	6.5034	7.050	PASS
		37	18	6.4945	7.225	PASS
		37	38	6.4966	7.045	PASS
		75	0	13.420	14.06	PASS
	MCH	1	0	0.52584	0.8092	PASS
		1	37	0.55036	0.8145	PASS
		1	74	0.52726	0.7727	PASS
		37	0	6.5017	7.110	PASS
		37	18	6.4958	7.171	PASS
		37	38	6.4943	7.134	PASS
		75	0	13.408	14.09	PASS
	HCH	1	0	0.53473	0.7866	PASS
		1	37	0.54431	0.8595	PASS

16QAM		1	74	0.52895	0.7826	PASS
		37	0	6.4948	7.283	PASS
		37	18	6.4998	7.233	PASS
		37	38	6.4935	7.238	PASS
		75	0	13.399	14.08	PASS
	LCH	1	0	0.53546	0.8312	PASS
		1	37	0.55385	0.8117	PASS
		1	74	0.52207	0.7644	PASS
		37	0	6.4915	7.123	PASS
		37	18	6.4877	7.259	PASS
		37	38	6.4951	7.135	PASS
		75	0	13.421	14.15	PASS
	MCH	1	0	0.54128	0.7998	PASS
		1	37	0.53767	0.7956	PASS
		1	74	0.53636	0.7840	PASS
		37	0	6.5062	7.050	PASS
		37	18	6.5097	7.230	PASS
		37	38	6.4989	7.150	PASS
		75	0	13.402	14.11	PASS
	HCH	1	0	0.53899	0.7624	PASS
		1	37	0.54353	0.7843	PASS
1		74	0.54861	0.7726	PASS	
37		0	6.4883	7.147	PASS	
37		18	6.4883	7.223	PASS	
37		38	6.5074	7.141	PASS	
75		0	13.381	14.08	PASS	

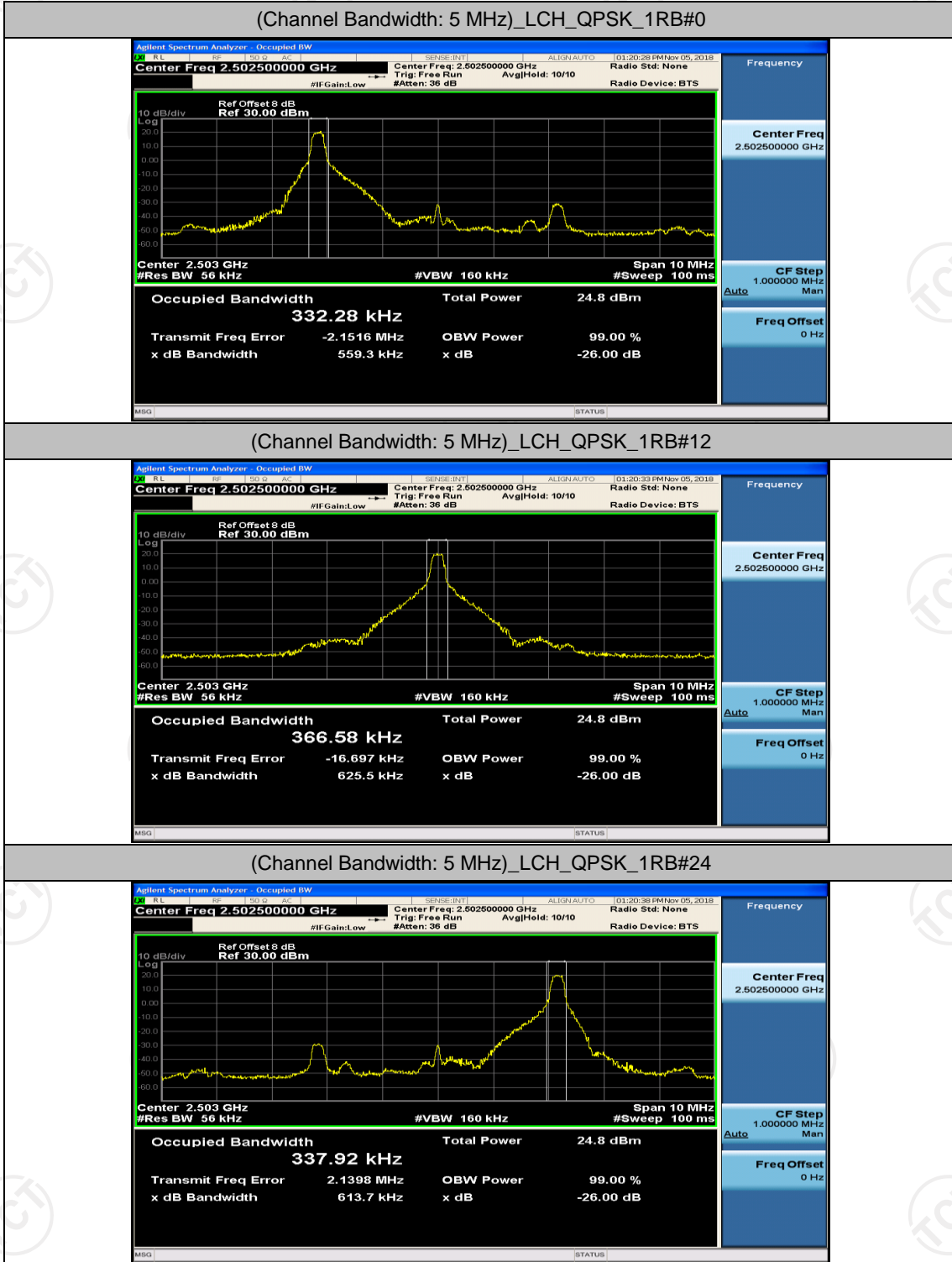
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.61016	0.9077	PASS
		1	50	0.61995	0.9304	PASS
		1	99	0.59978	0.9433	PASS
		50	0	9.0027	9.770	PASS
		50	25	8.9939	9.708	PASS
		50	50	9.0008	9.647	PASS
		100	0	17.869	18.62	PASS
	MCH	1	0	0.60358	0.9176	PASS
		1	50	0.61137	0.9223	PASS

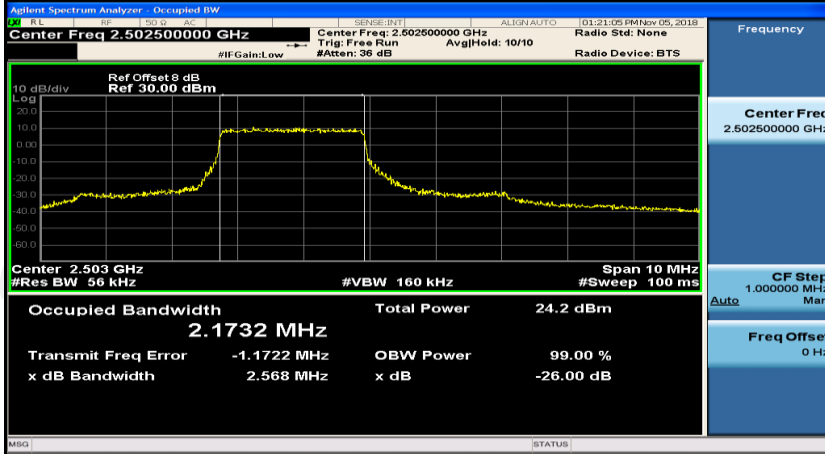
		1	99	0.60930	0.8552	PASS	
		50	0	8.9931	9.587	PASS	
		50	25	8.9937	9.616	PASS	
		50	50	9.0097	9.666	PASS	
		100	0	17.891	18.70	PASS	
	HCH	1	0	0.59789	0.8227	PASS	
		1	50	0.61755	0.9485	PASS	
		1	99	0.60854	0.8941	PASS	
		50	0	8.9931	9.716	PASS	
		50	25	8.9881	9.776	PASS	
		50	50	9.0035	9.696	PASS	
		100	0	17.855	18.53	PASS	
	16QAM	LCH	1	0	0.61353	0.8515	PASS
			1	50	0.60313	0.9083	PASS
1			99	0.59816	0.8685	PASS	
50			0	9.0049	9.700	PASS	
50			25	8.9963	9.679	PASS	
50			50	8.9951	9.651	PASS	
100			0	17.901	18.62	PASS	
MCH		1	0	0.61157	0.9014	PASS	
		1	50	0.60800	0.8678	PASS	
		1	99	0.58220	0.8767	PASS	
		50	0	8.9814	9.824	PASS	
		50	25	8.9949	9.793	PASS	
		50	50	8.9938	9.746	PASS	
		100	0	17.876	18.60	PASS	
HCH		1	0	0.61519	0.9272	PASS	
		1	50	0.60821	0.8382	PASS	
		1	99	0.59859	0.8553	PASS	
		50	0	8.9897	9.614	PASS	
		50	25	9.0015	9.779	PASS	
		50	50	9.0016	9.750	PASS	
		100	0	17.836	18.58	PASS	

Test Graphs

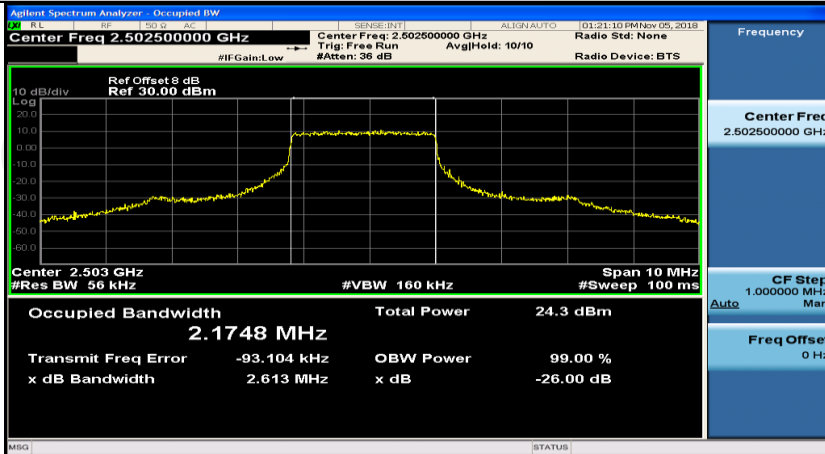
Channel Bandwidth: 5 MHz



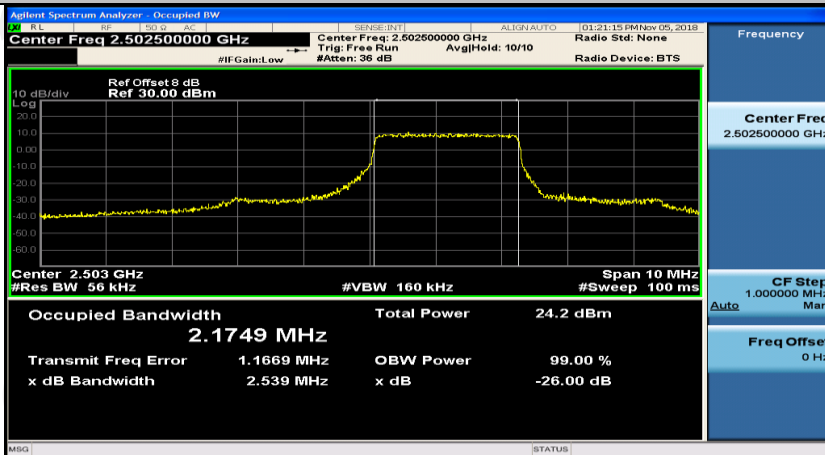
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0

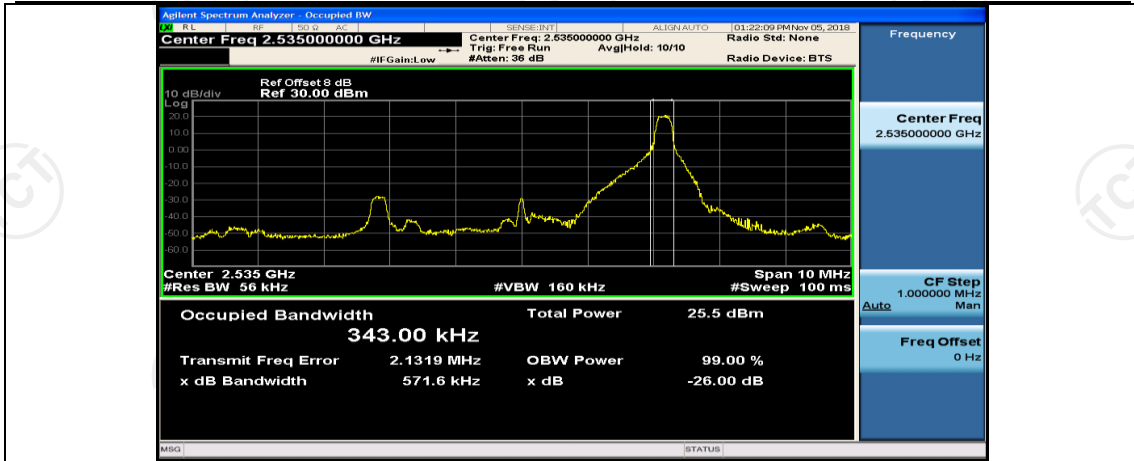


(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6

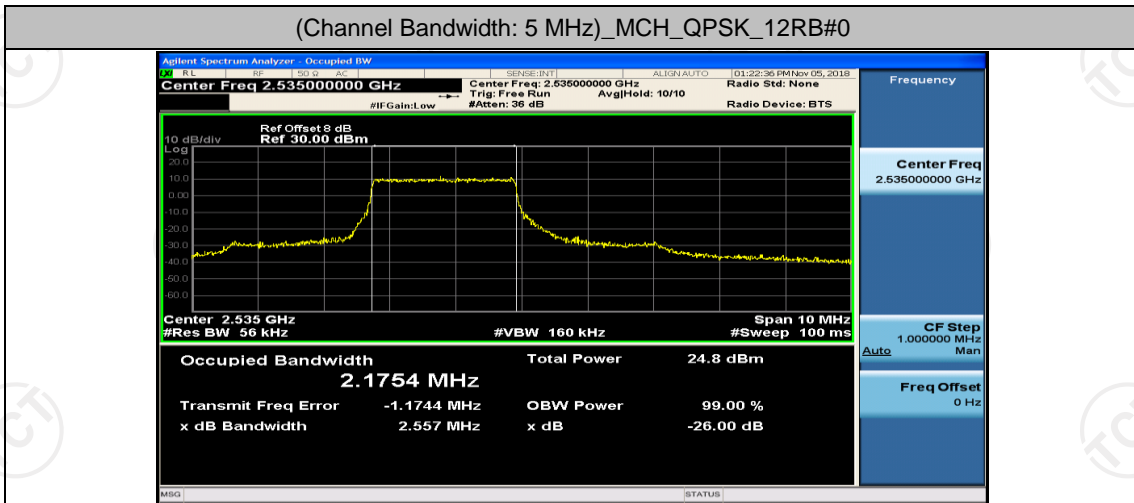


(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13

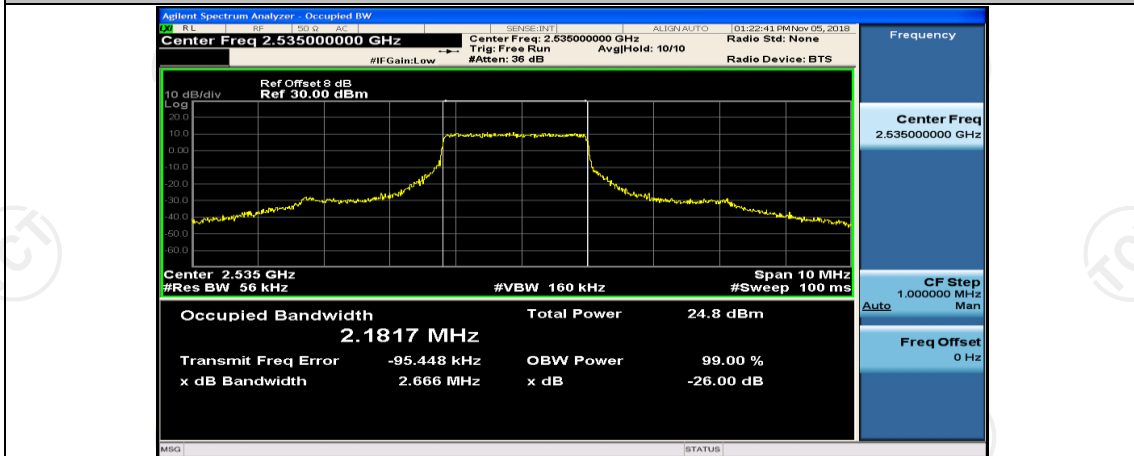




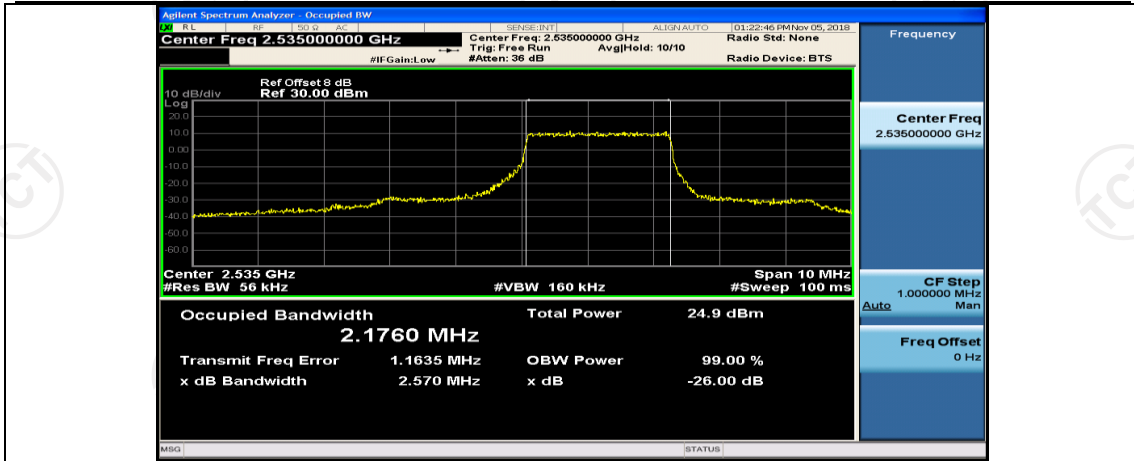
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



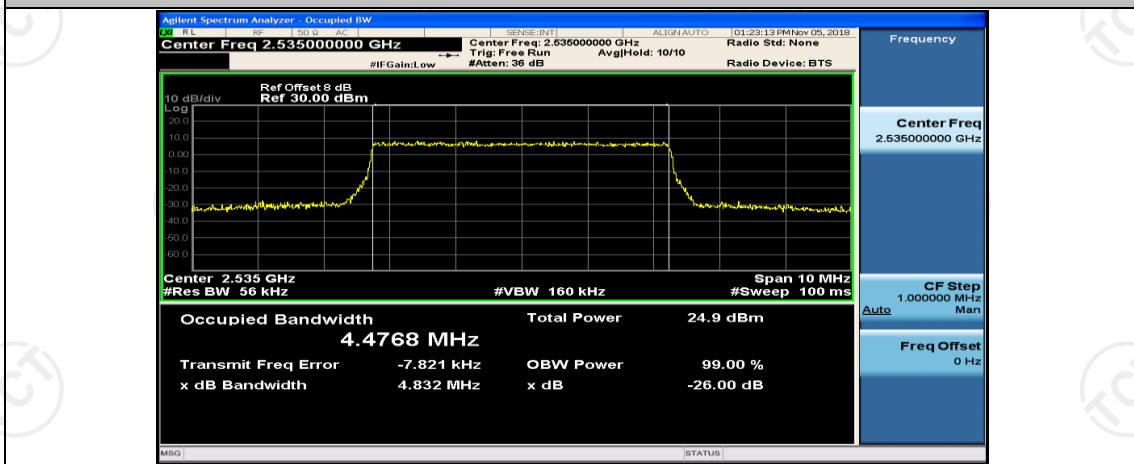
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



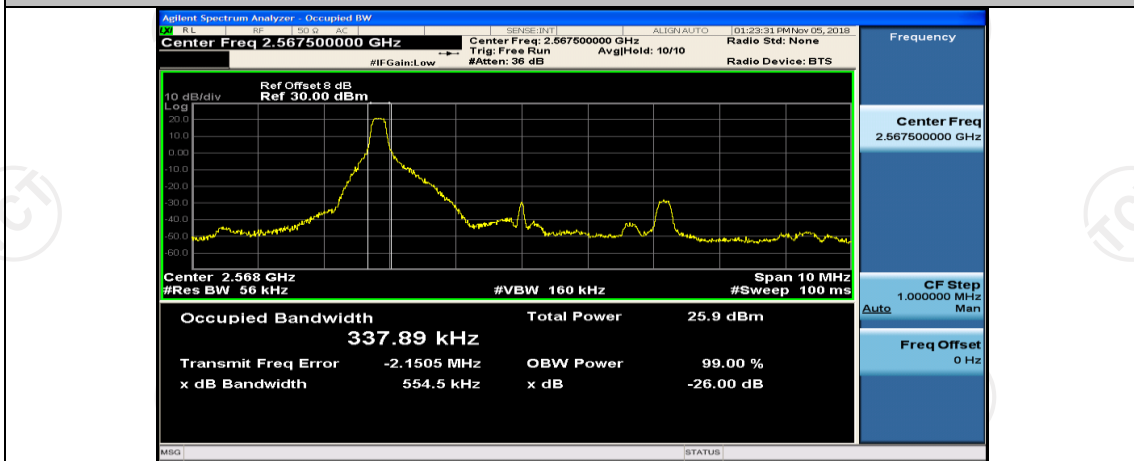
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



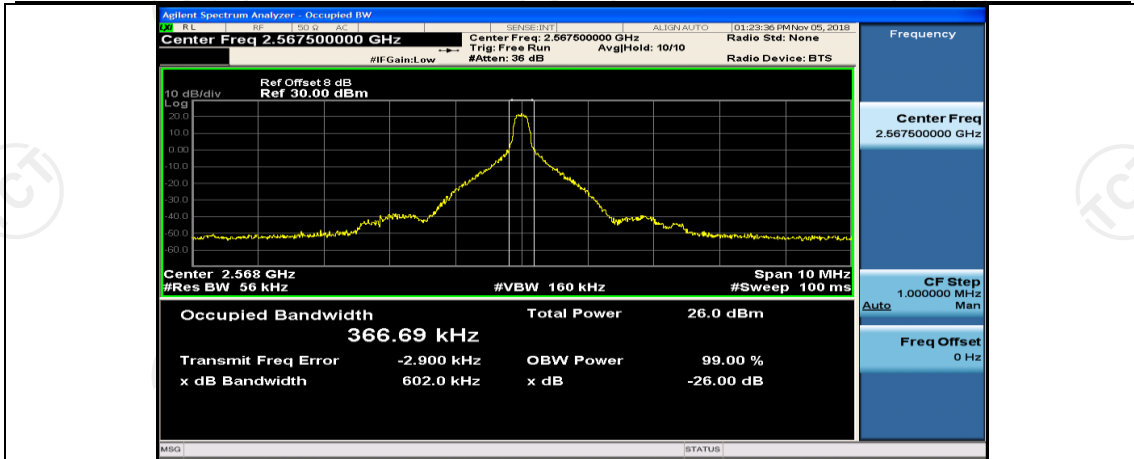
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



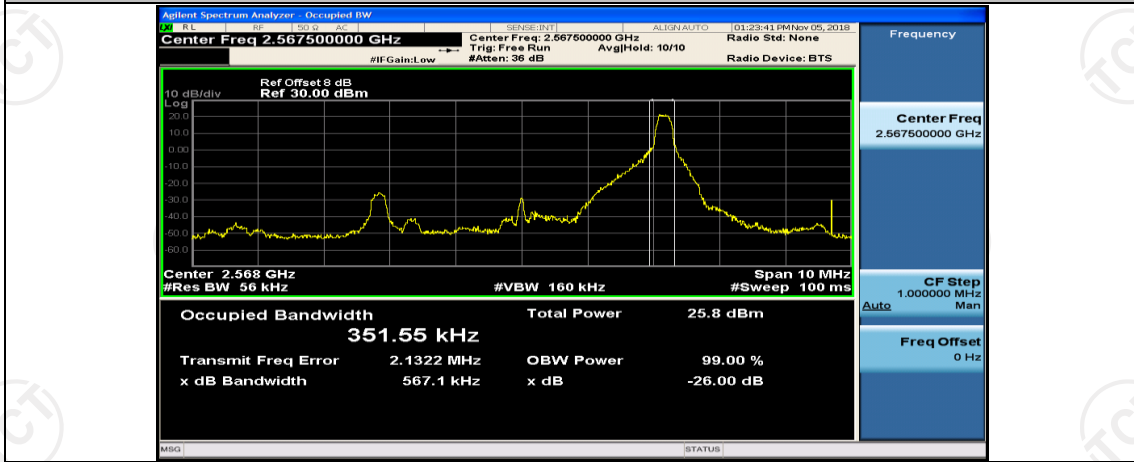
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



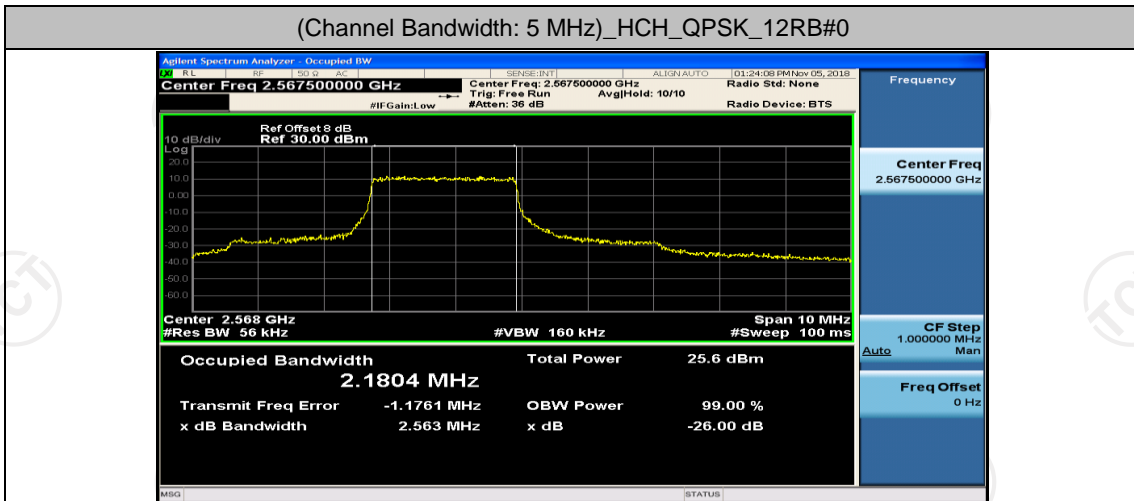
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



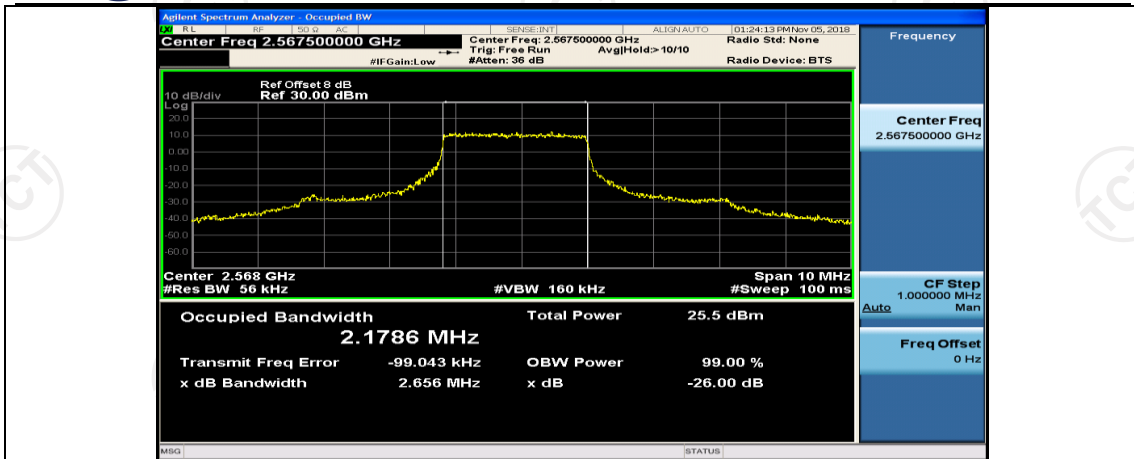
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



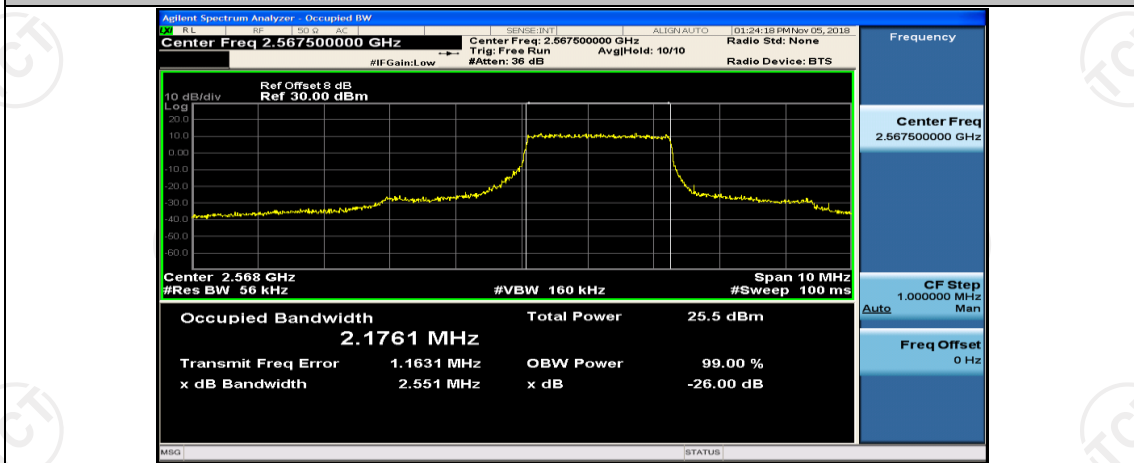
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



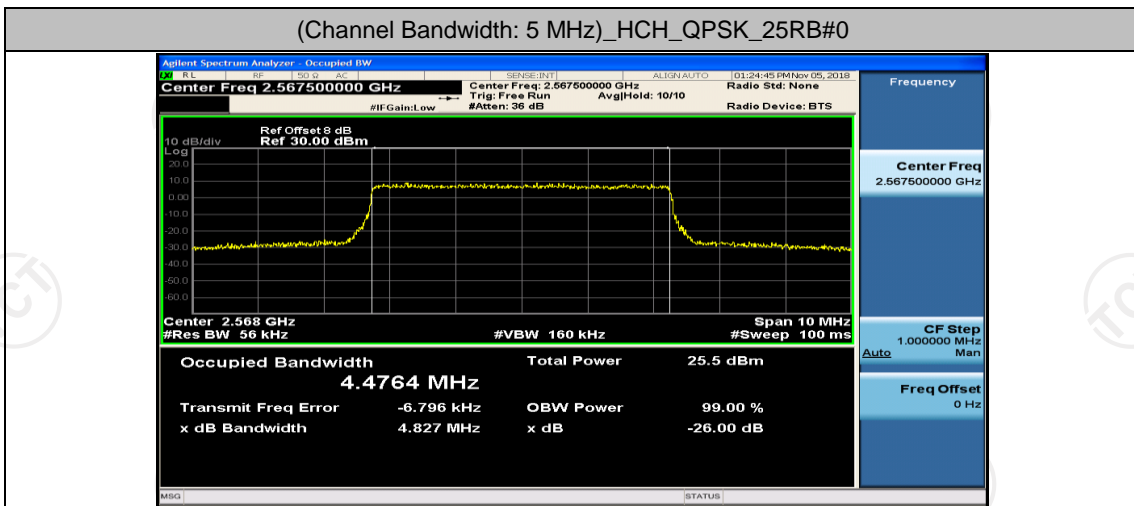
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



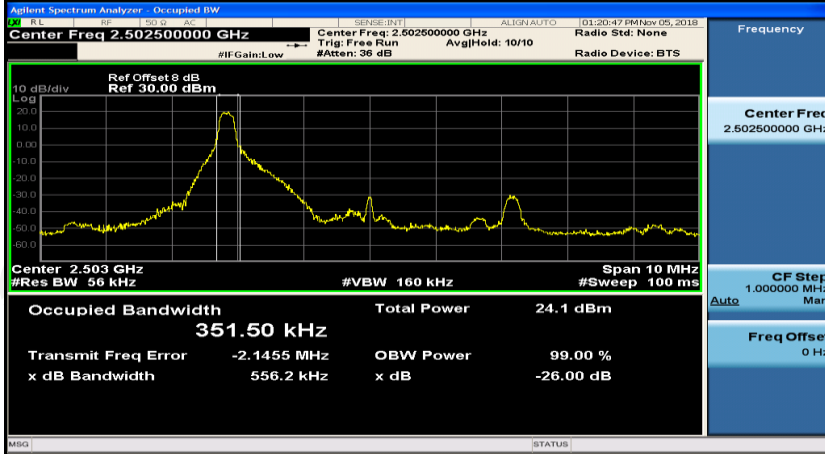
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



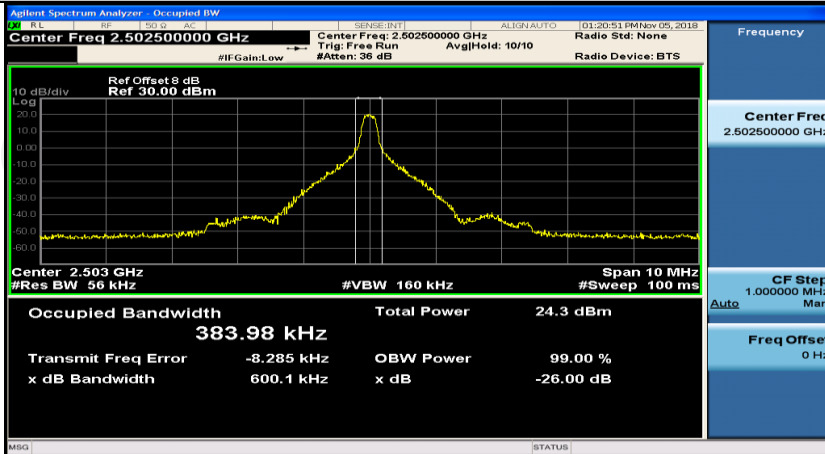
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



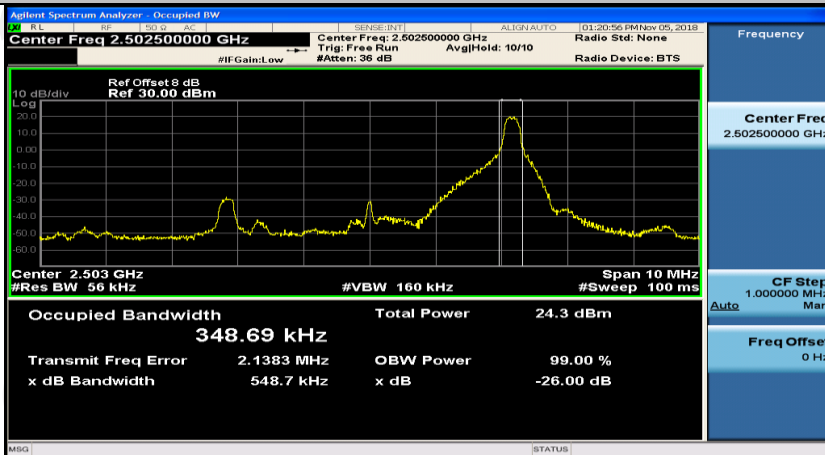
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



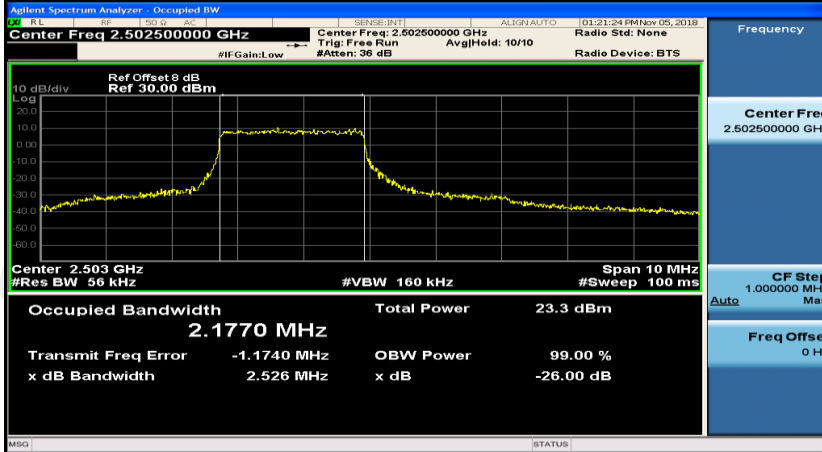
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



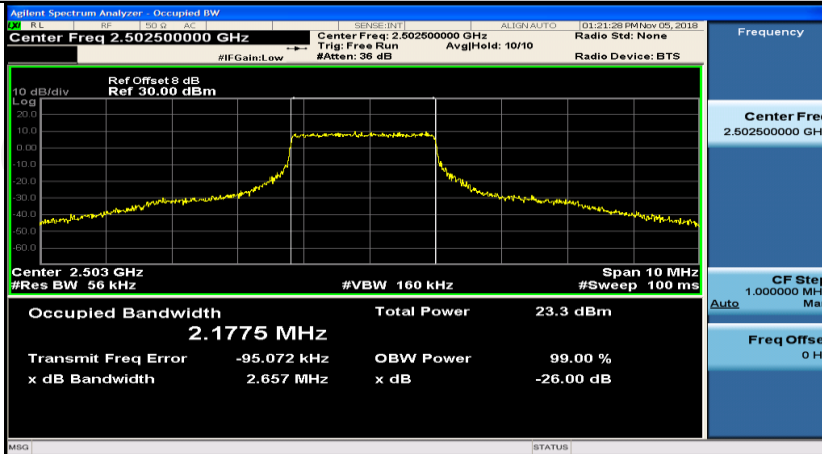
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13

