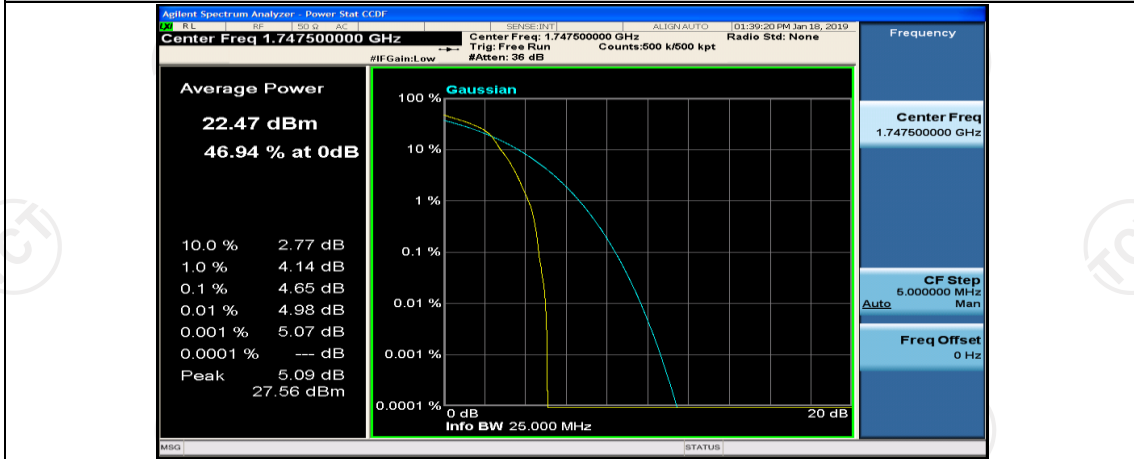


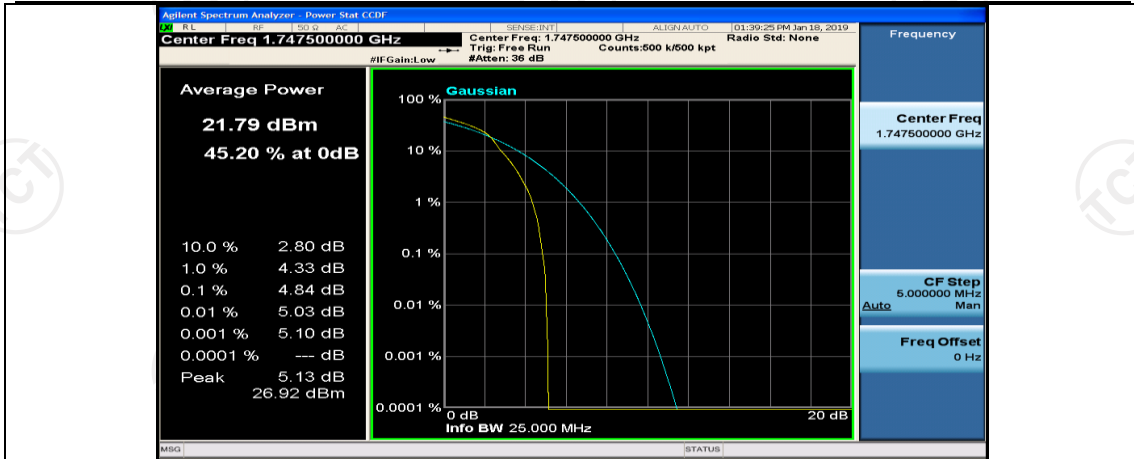
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



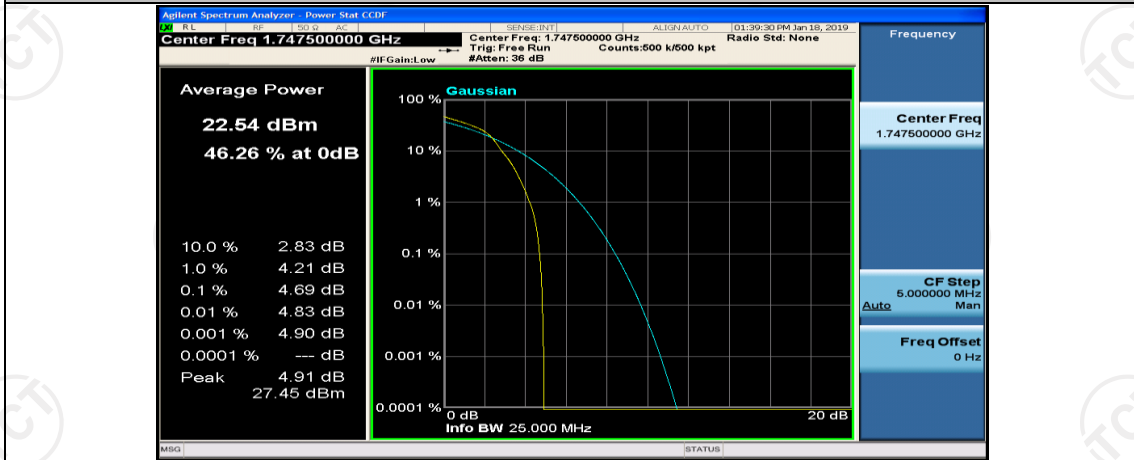
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



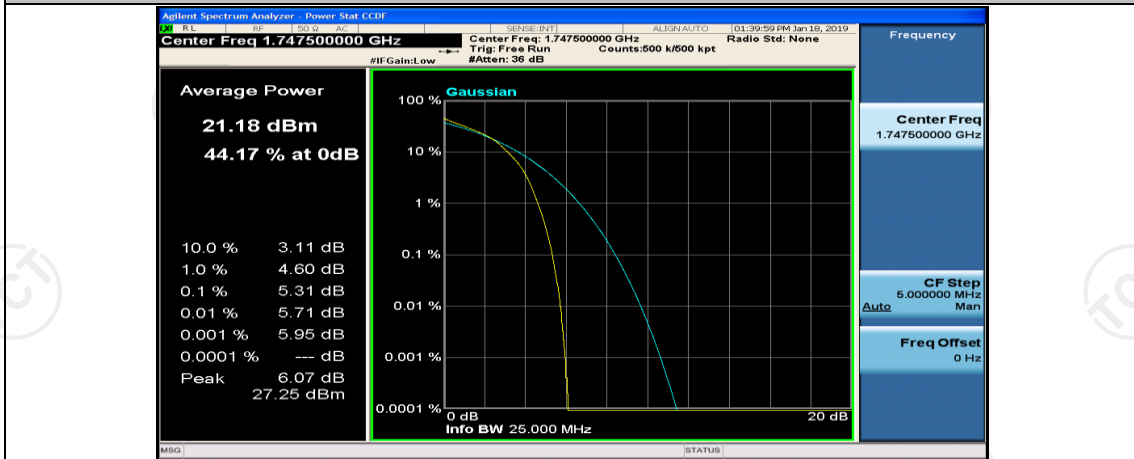
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



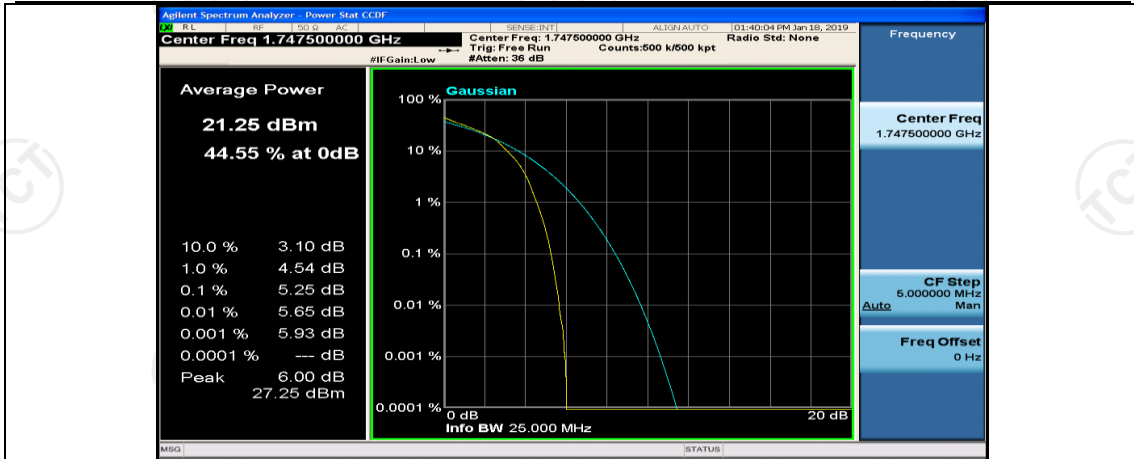
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



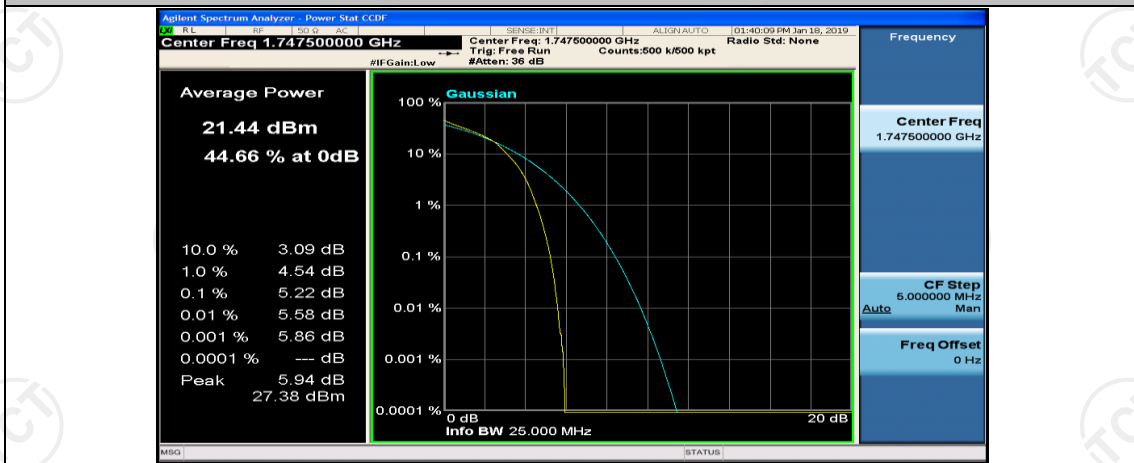
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



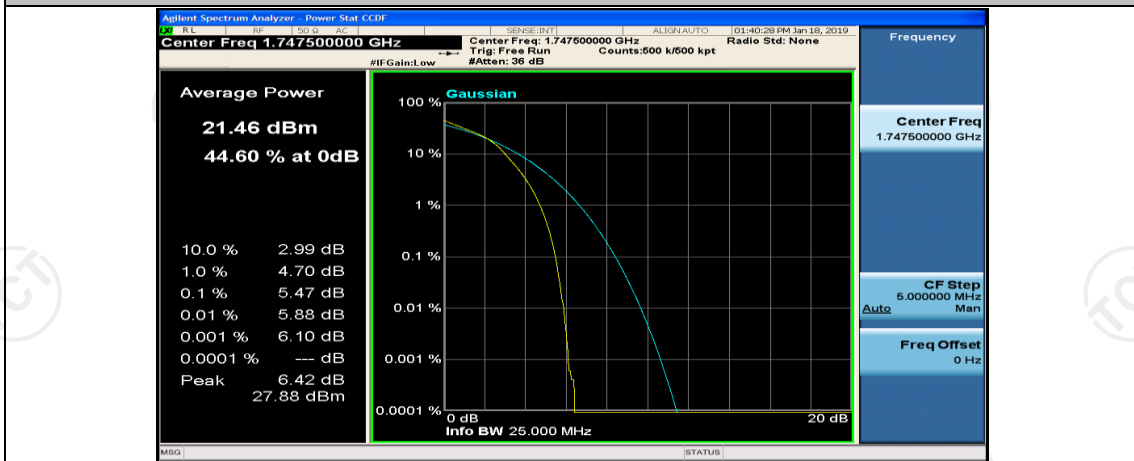
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38

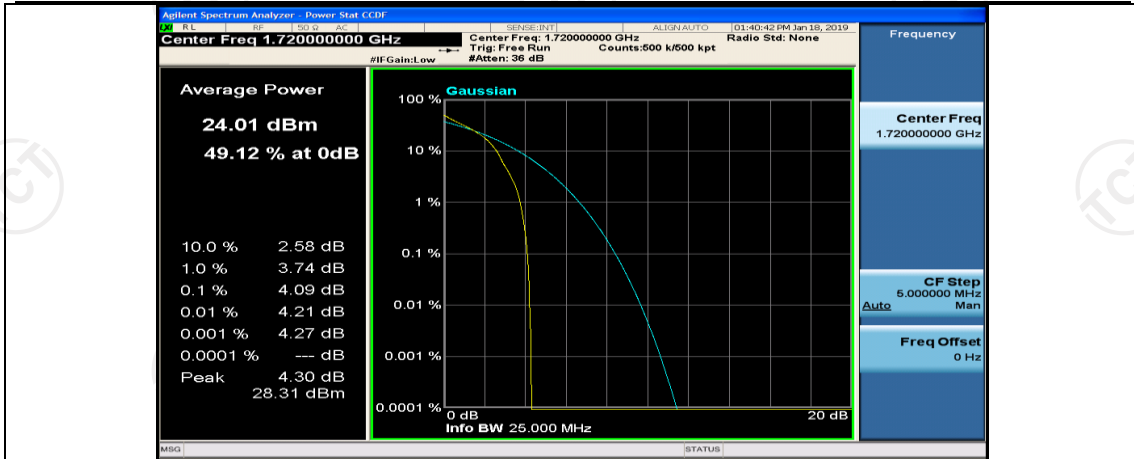


(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

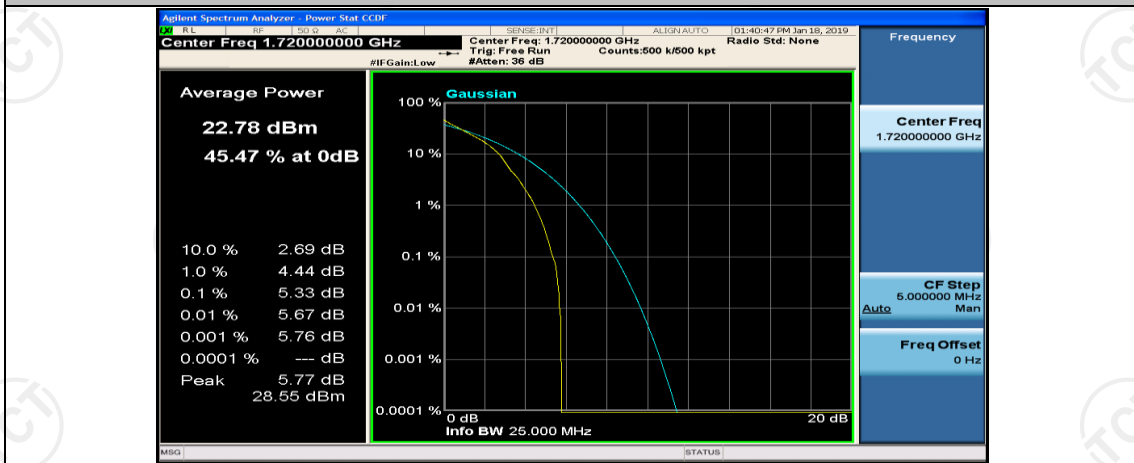


Channel Bandwidth: 20 MHz

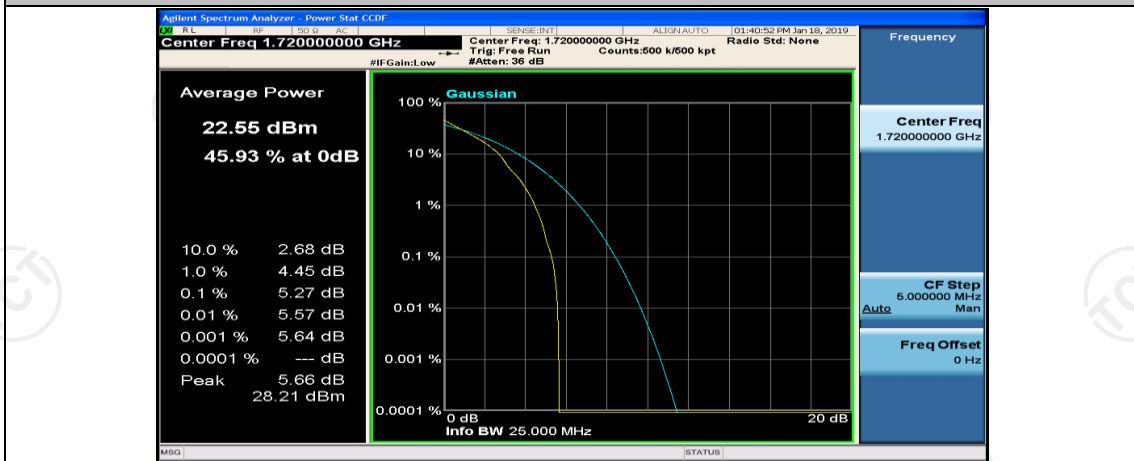
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



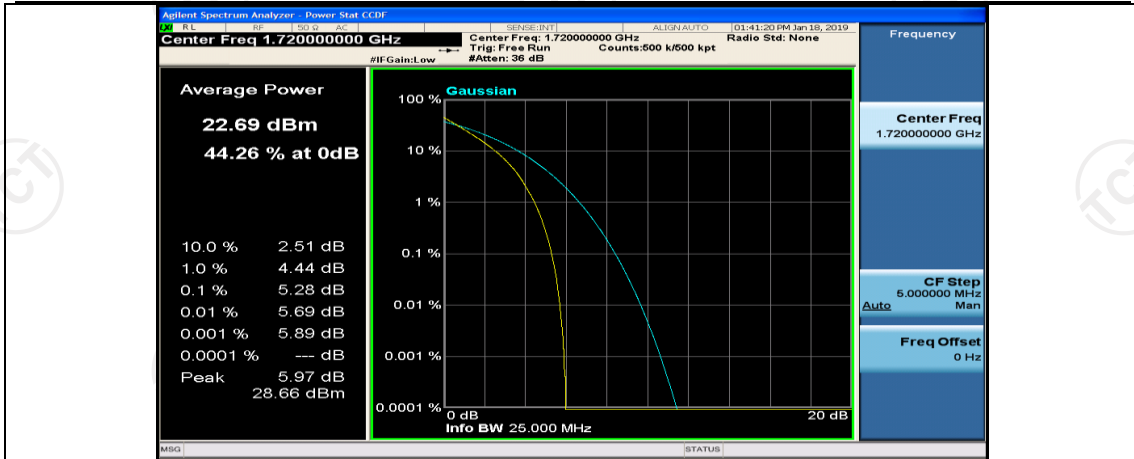
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49



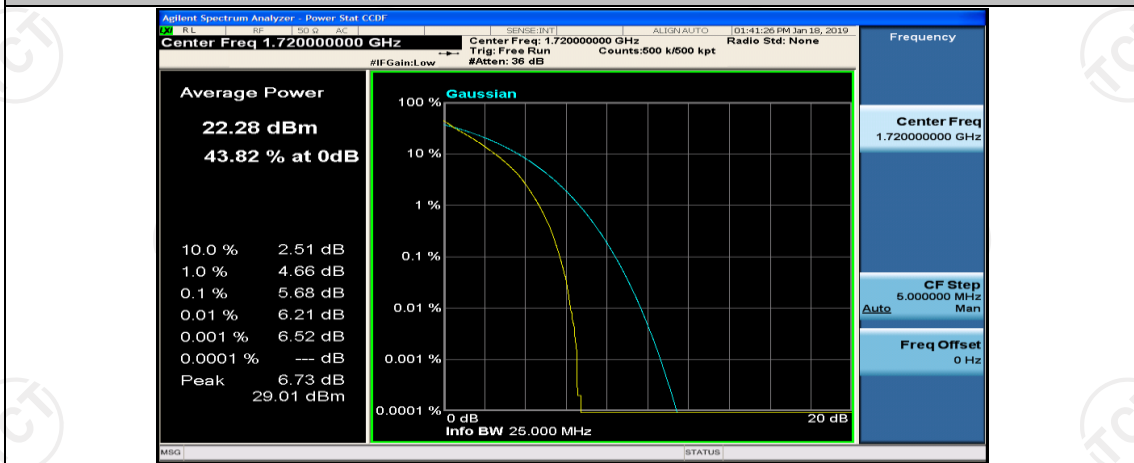
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99



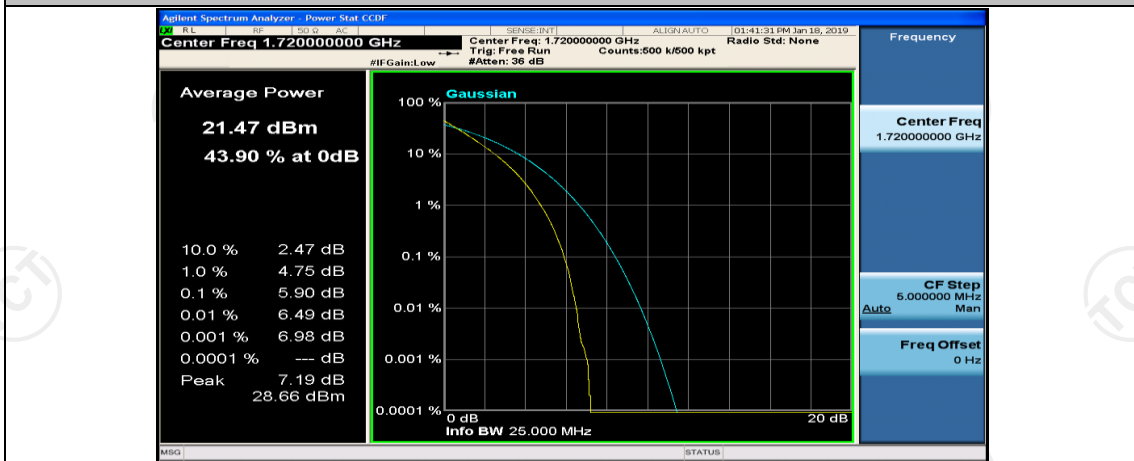
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0



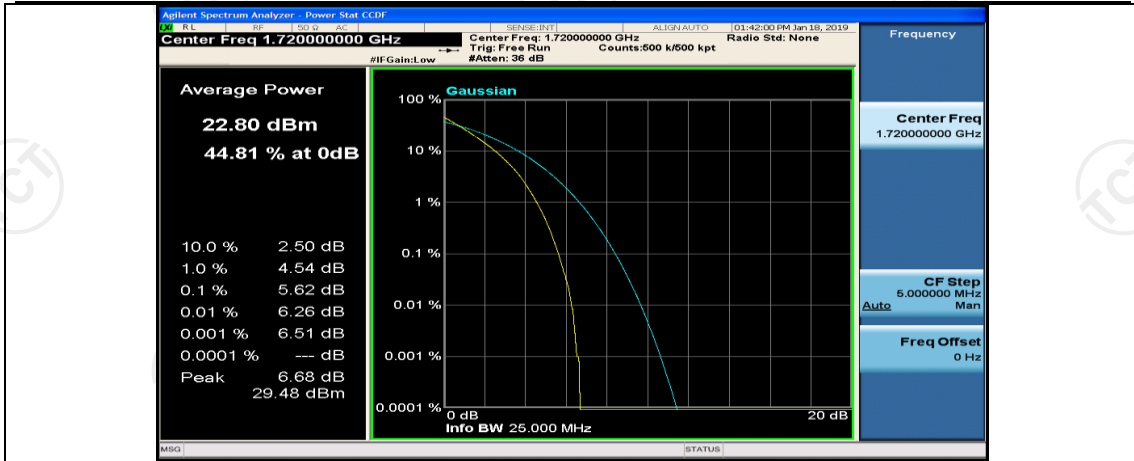
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



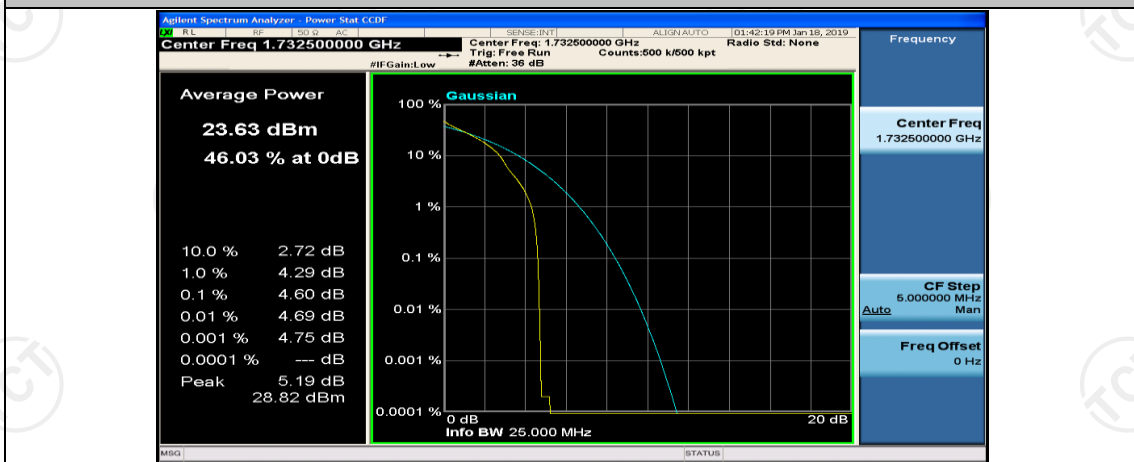
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



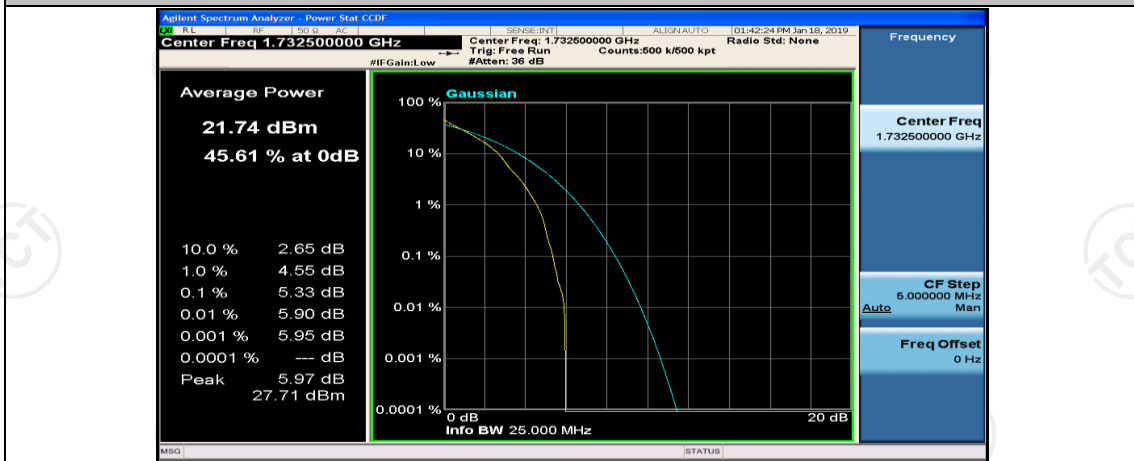
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



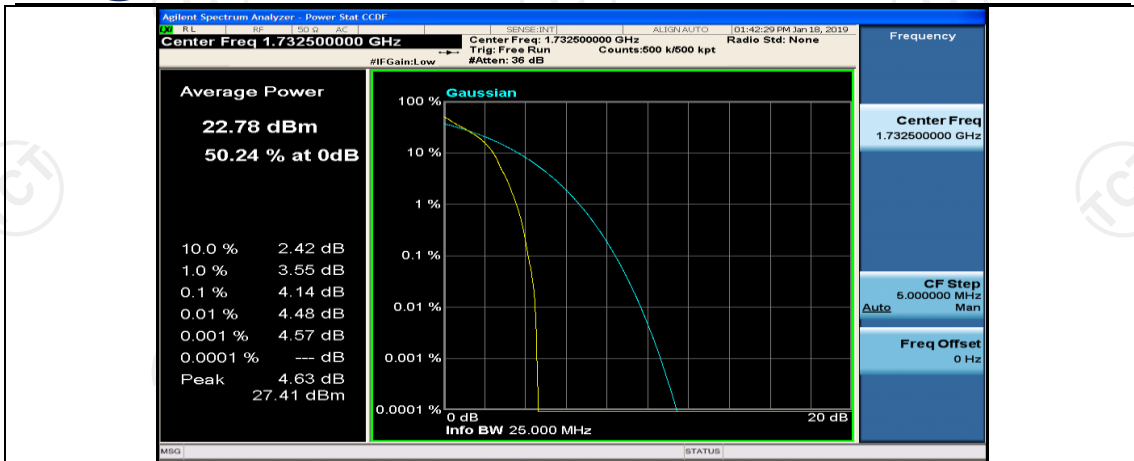
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



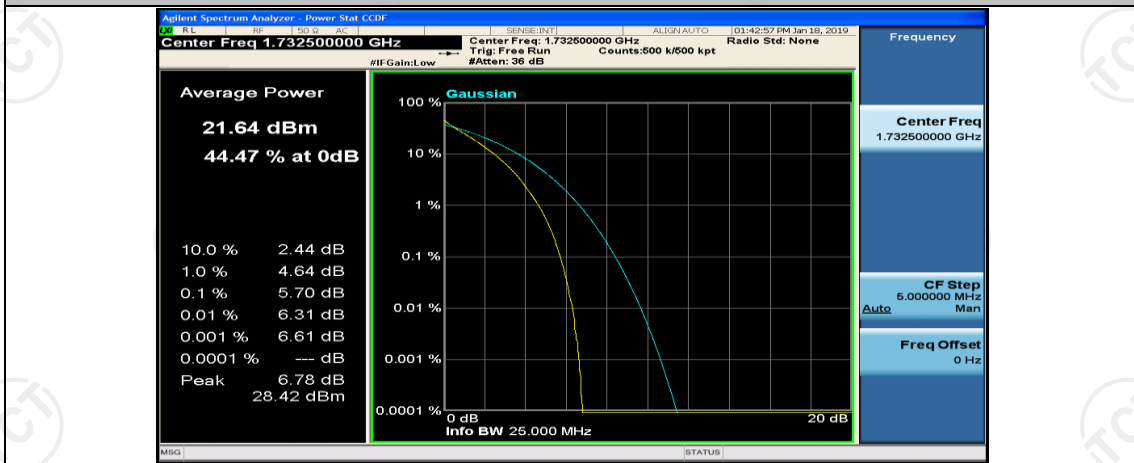
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



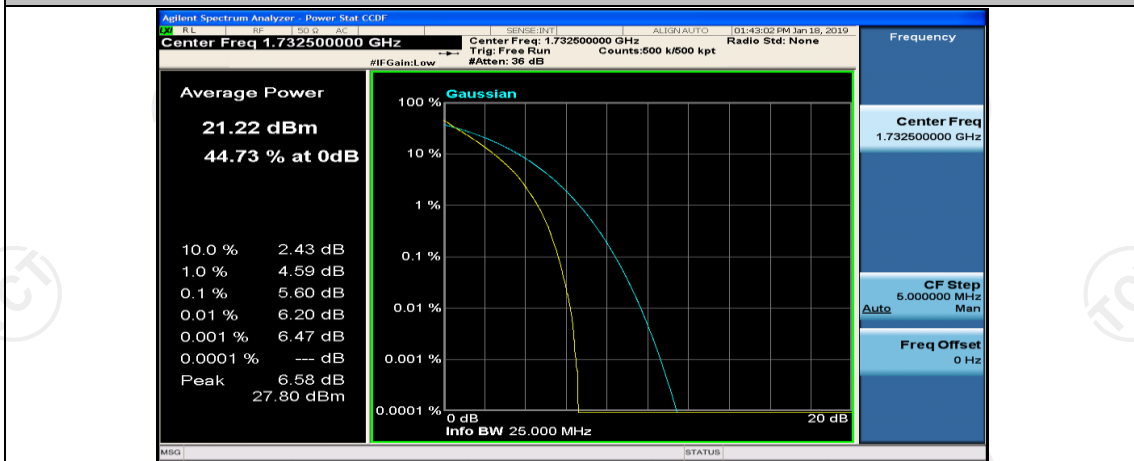
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99



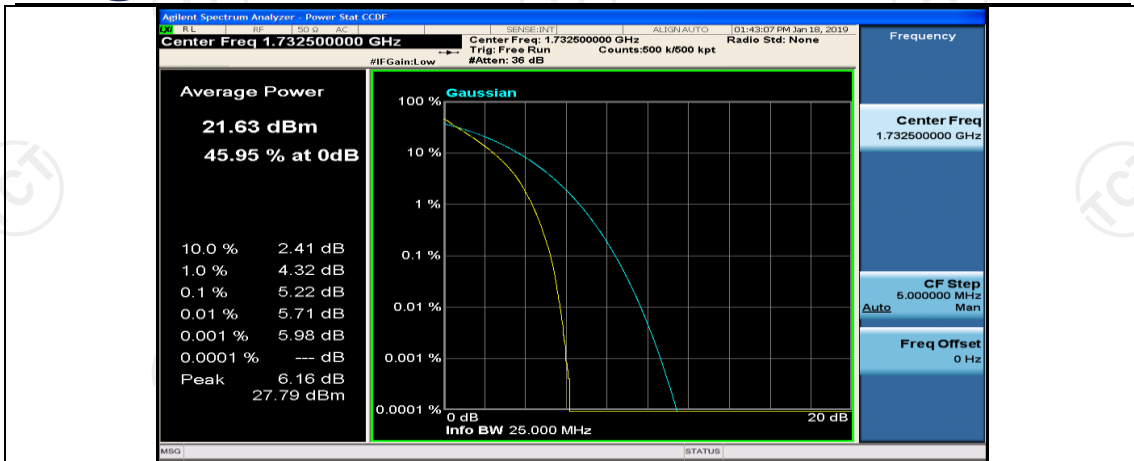
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0



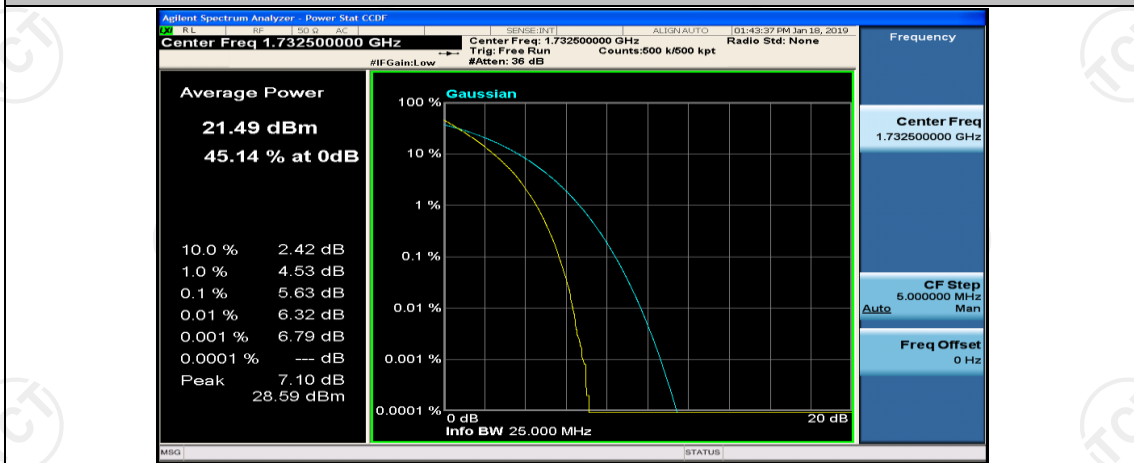
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25



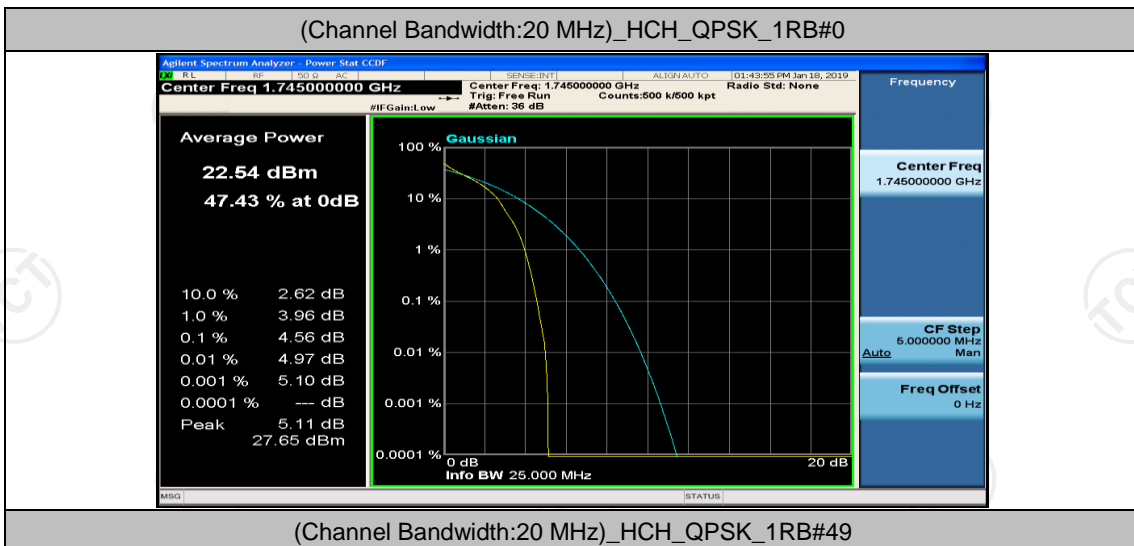
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50



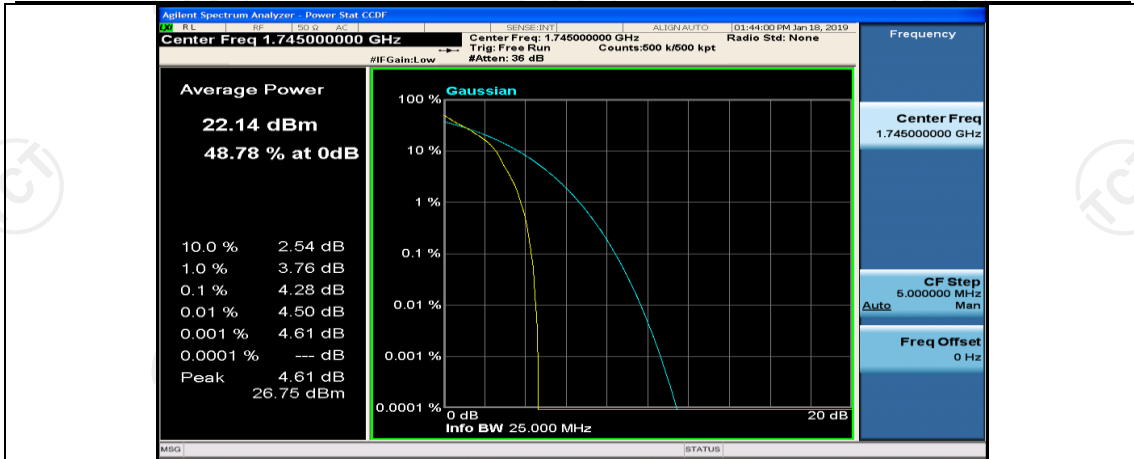
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



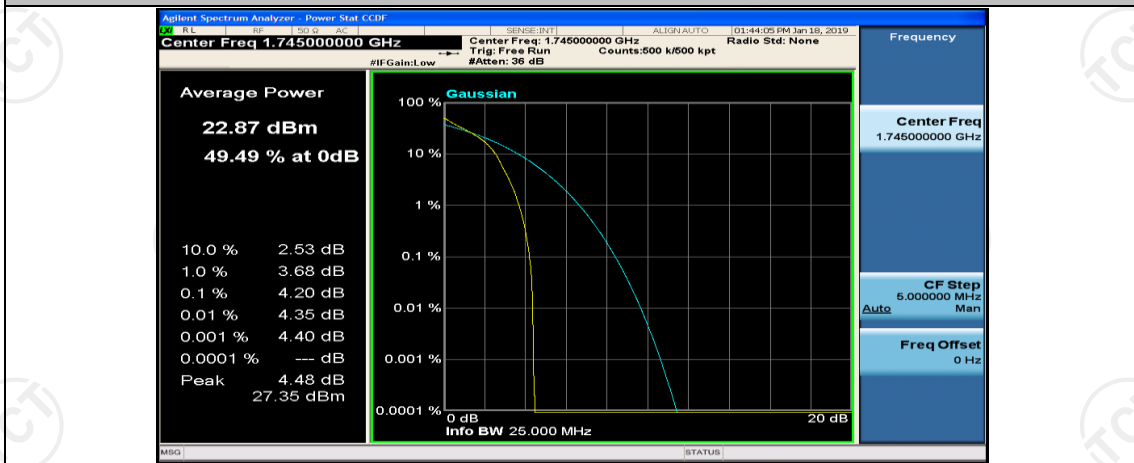
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



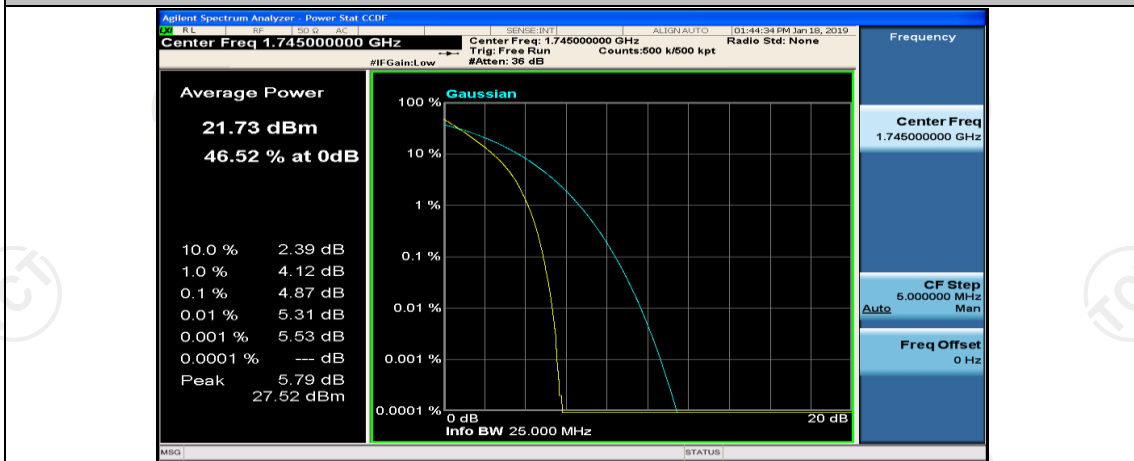
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49



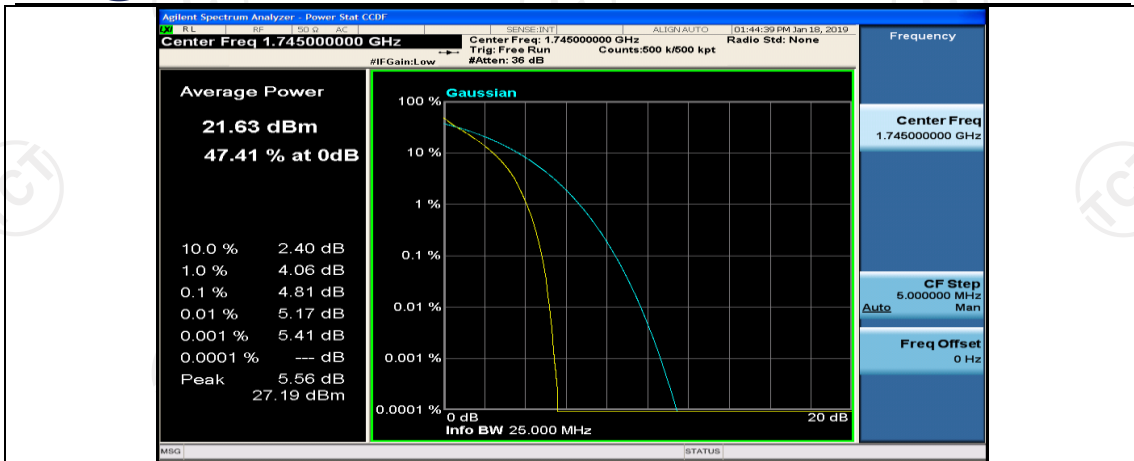
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99



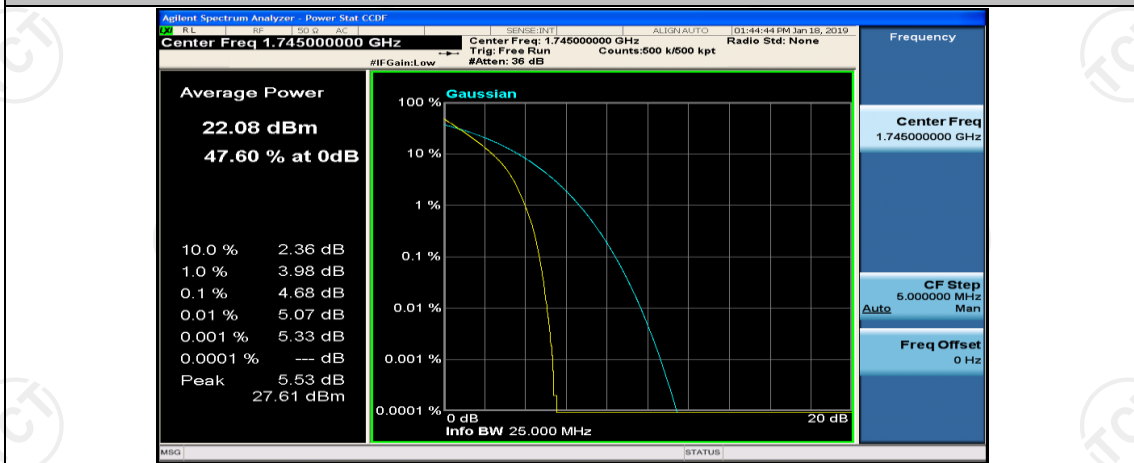
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0



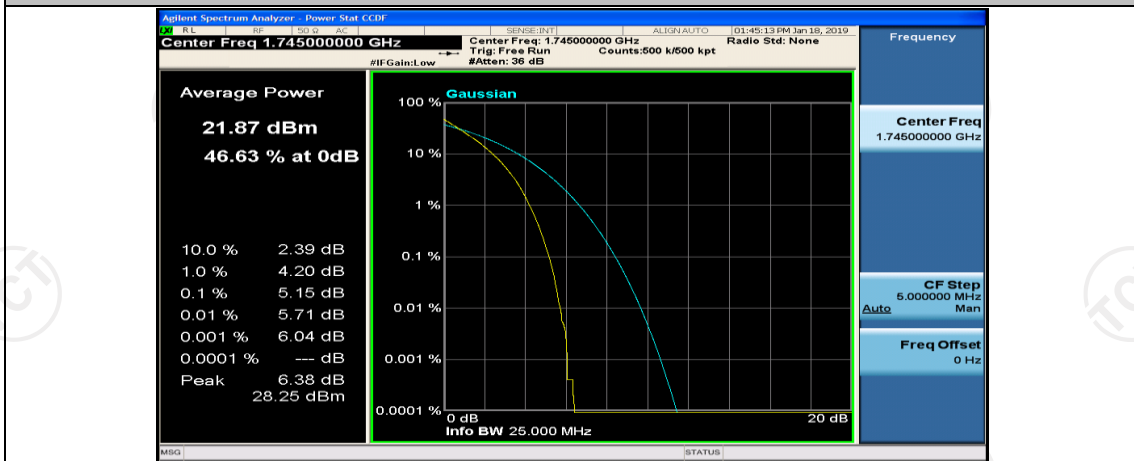
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25



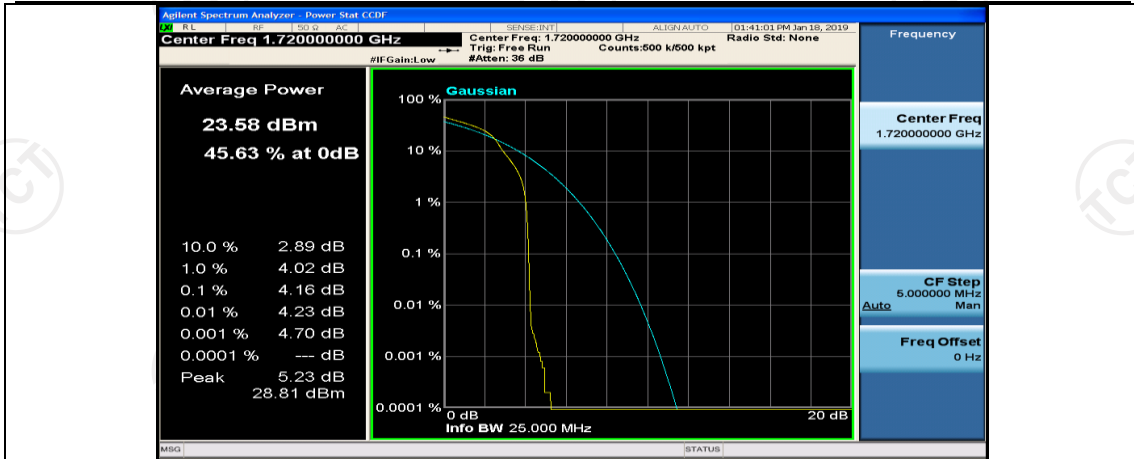
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50



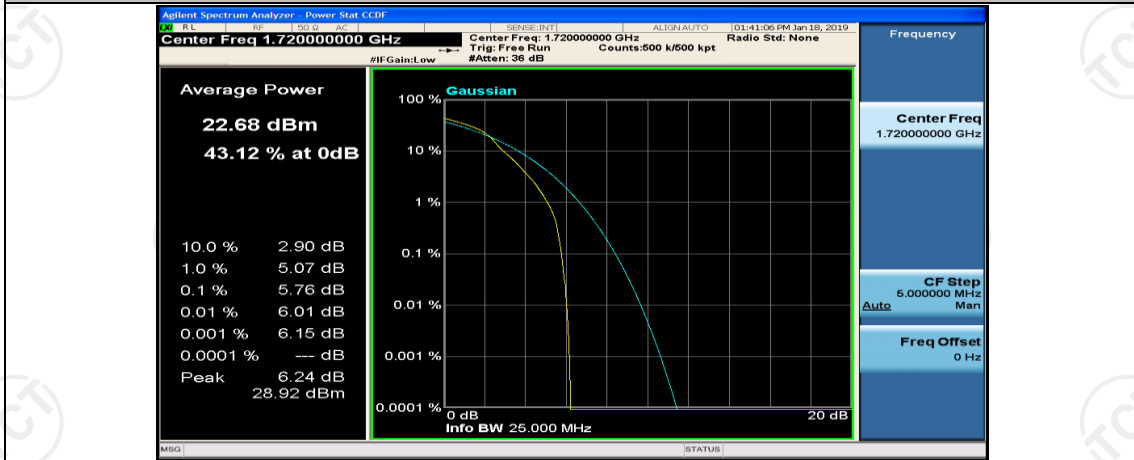
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



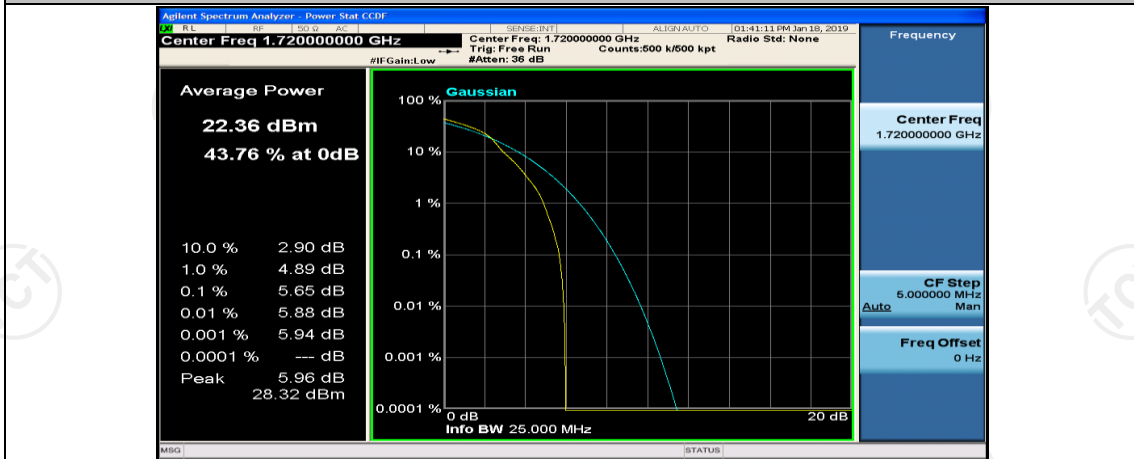
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



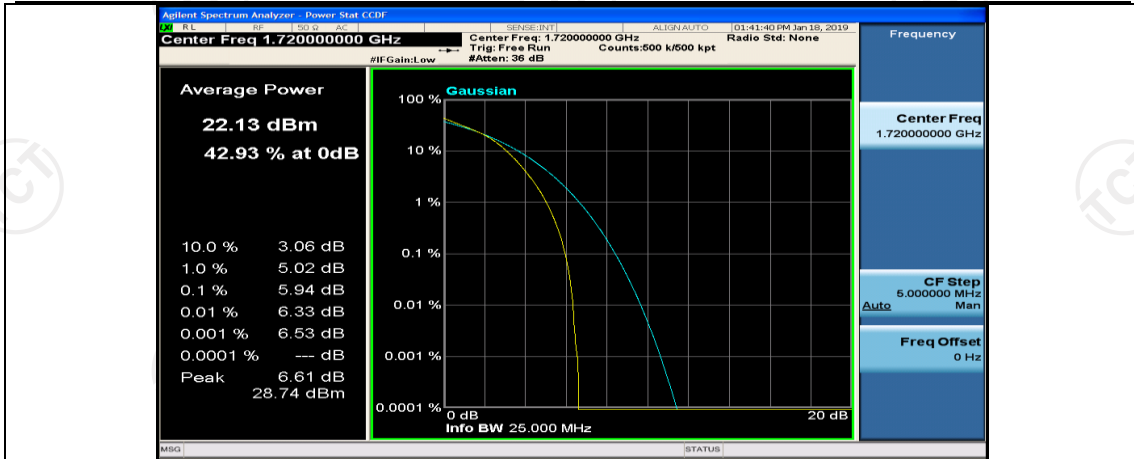
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99



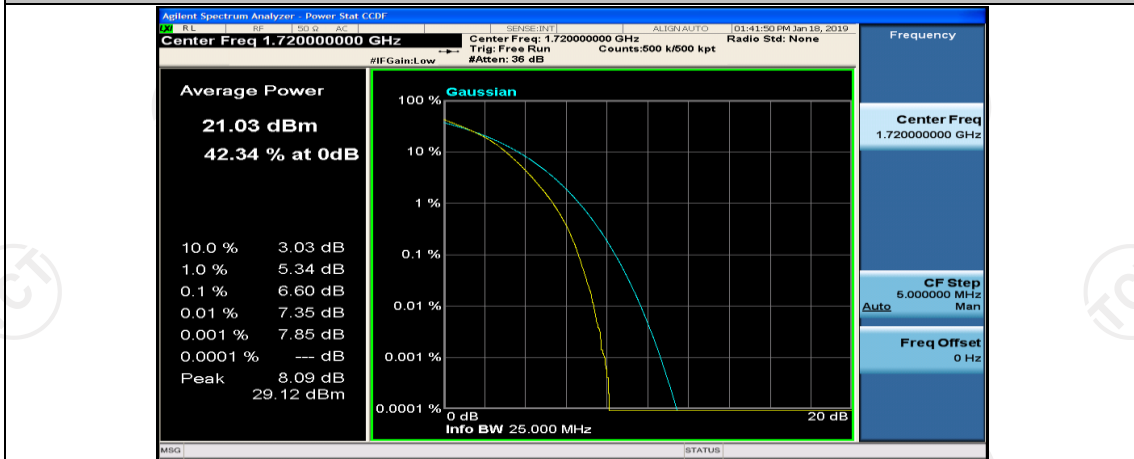
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0



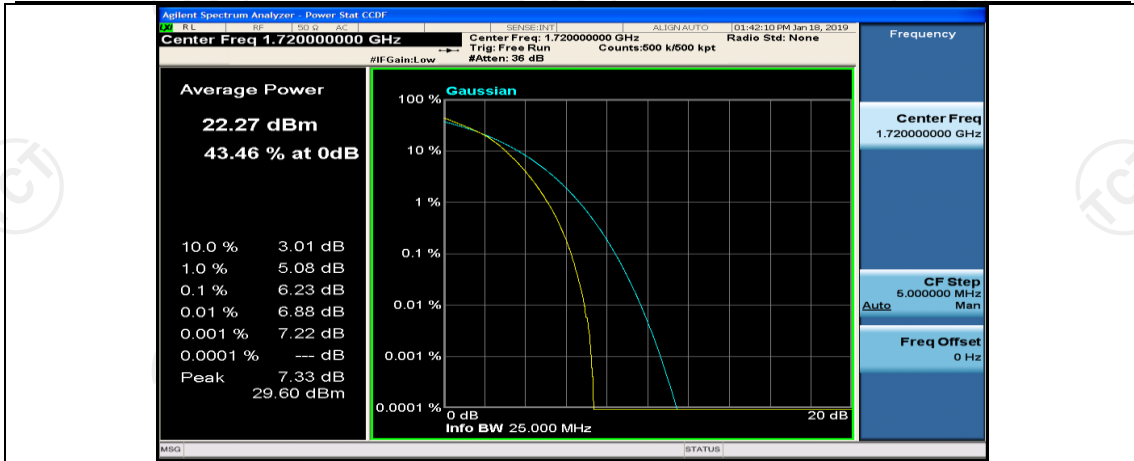
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25



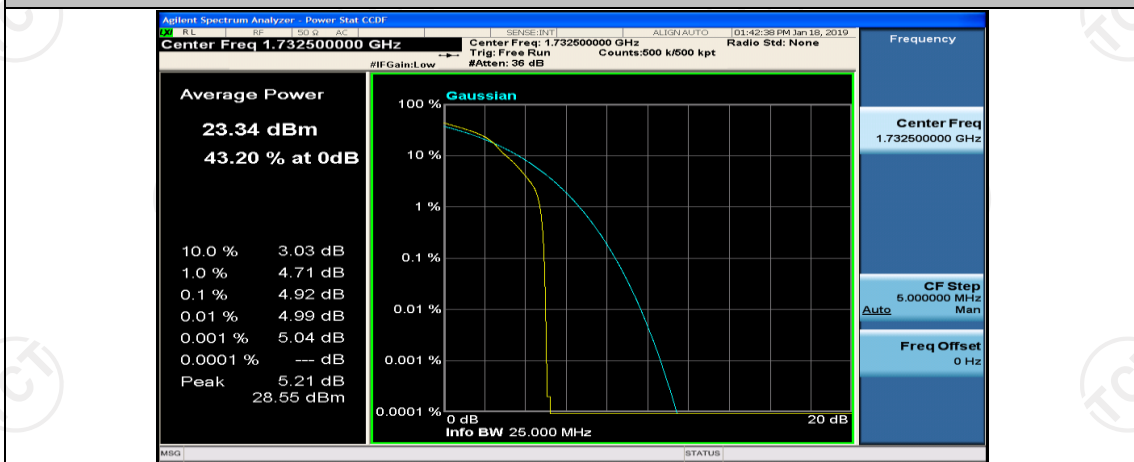
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50



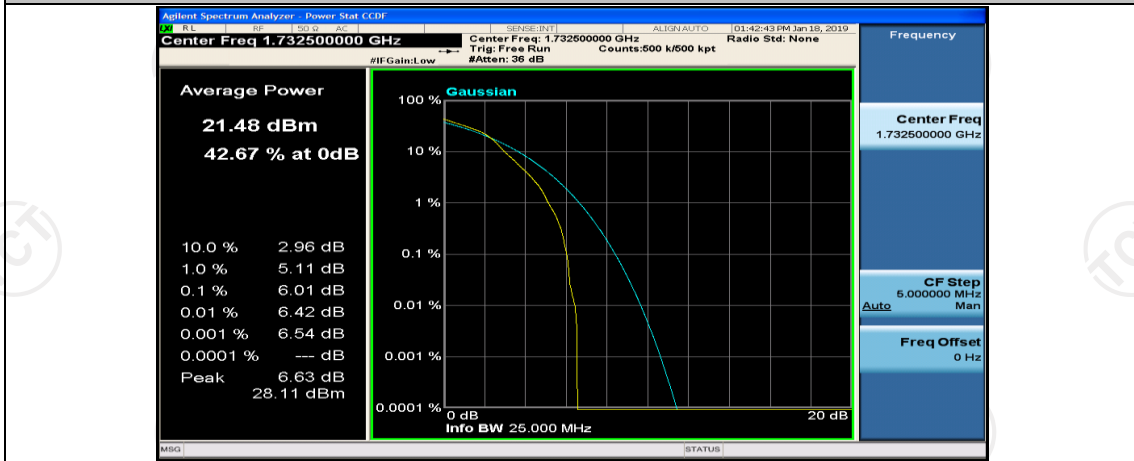
(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



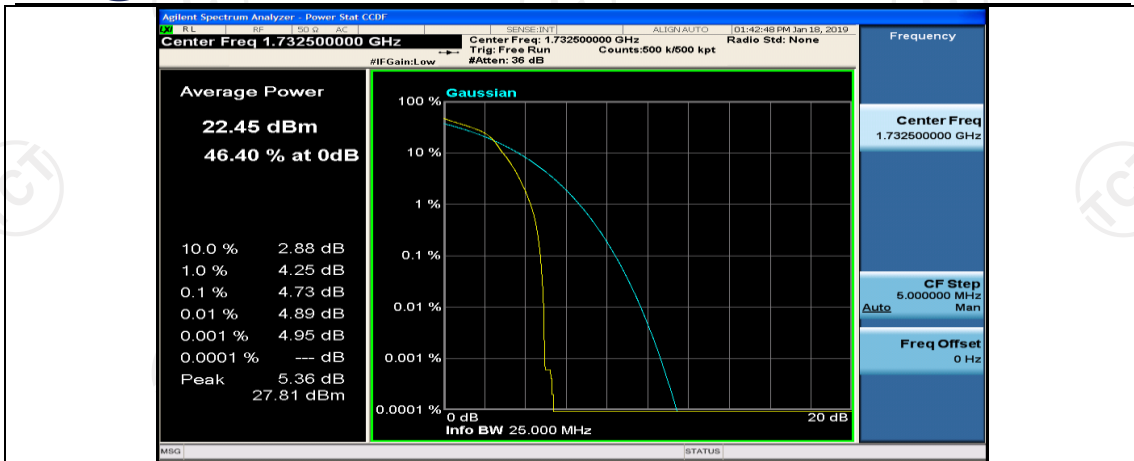
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49



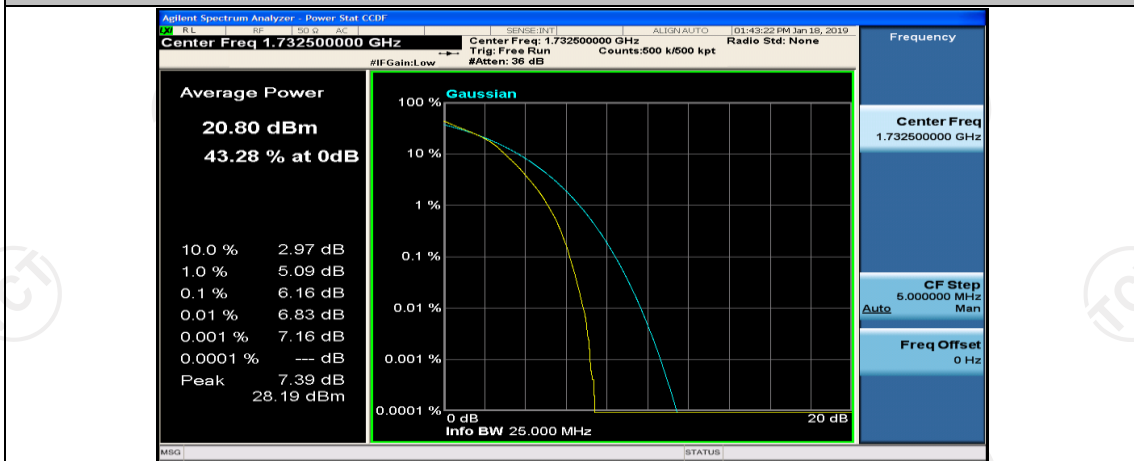
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99



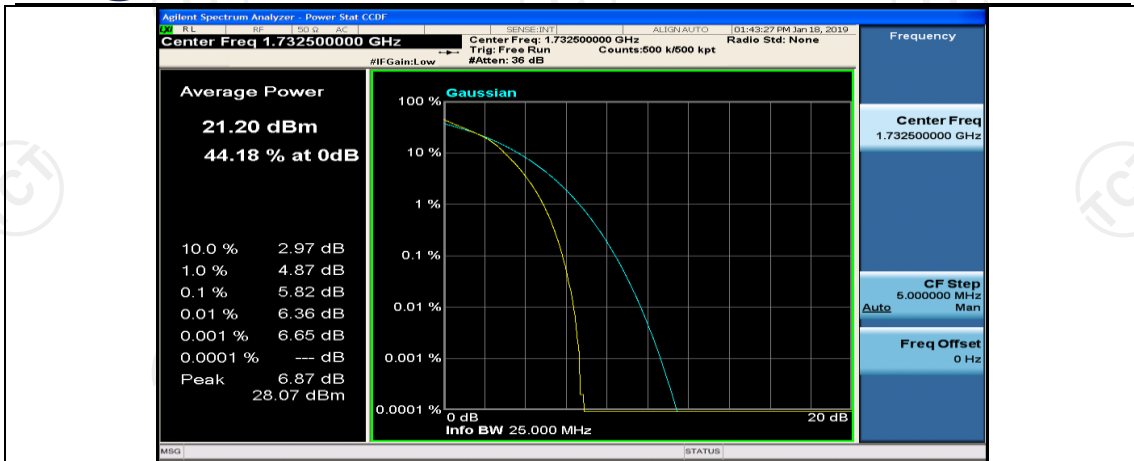
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0



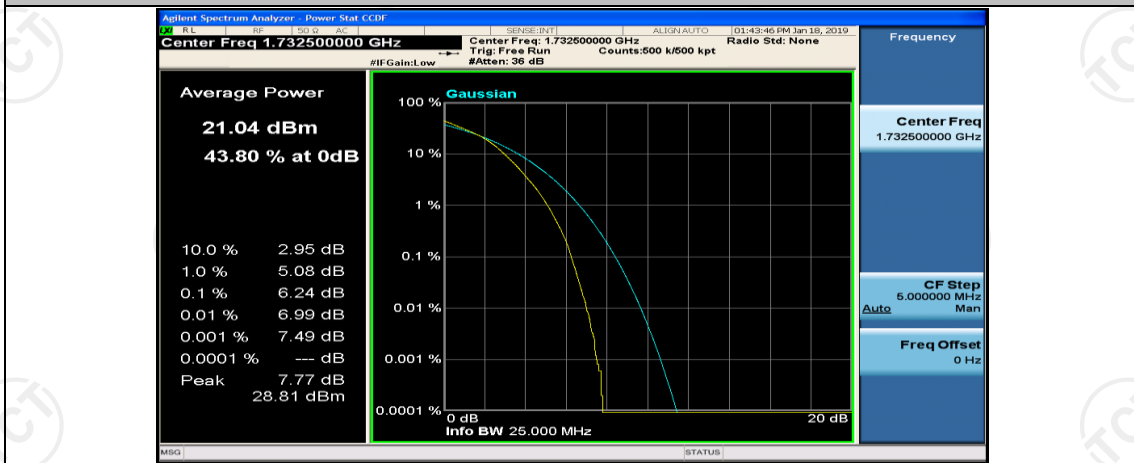
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25



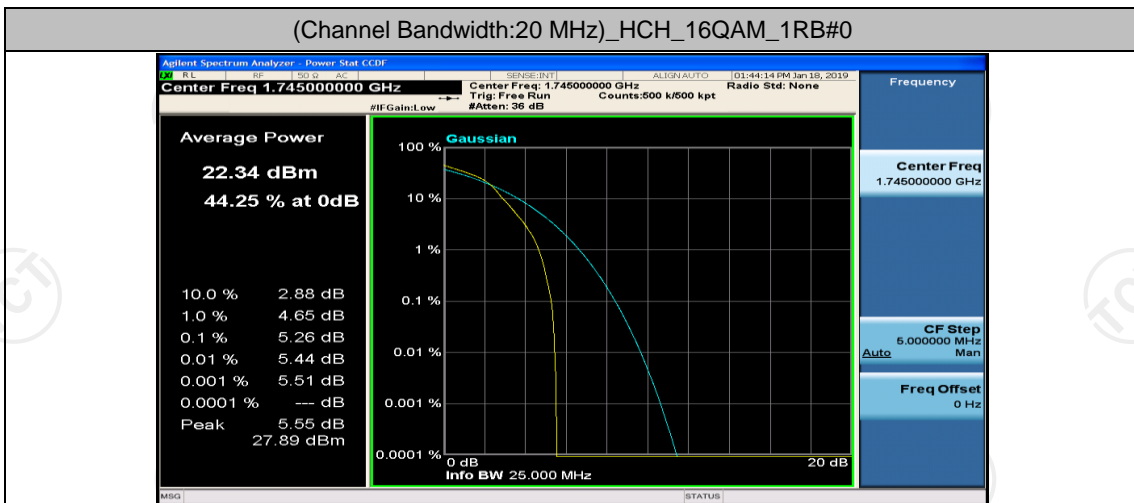
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50



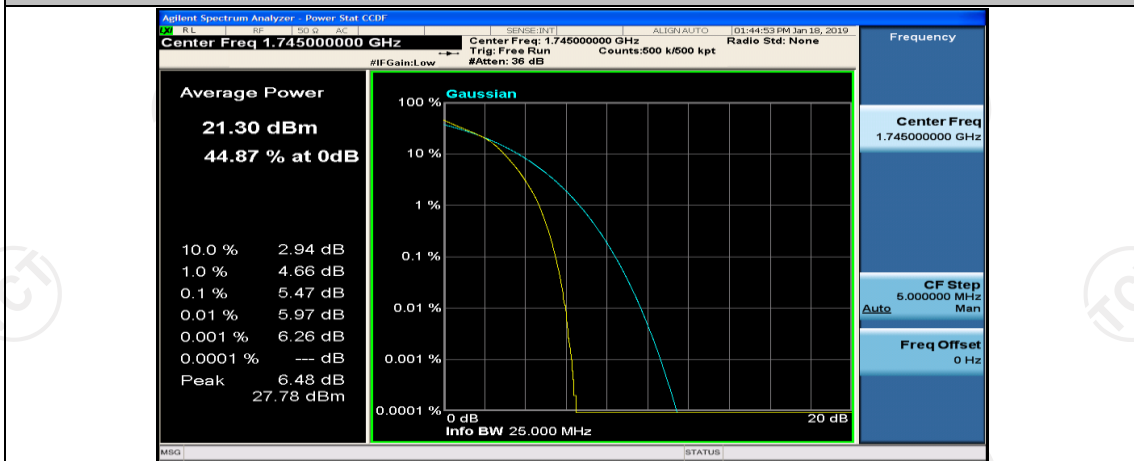
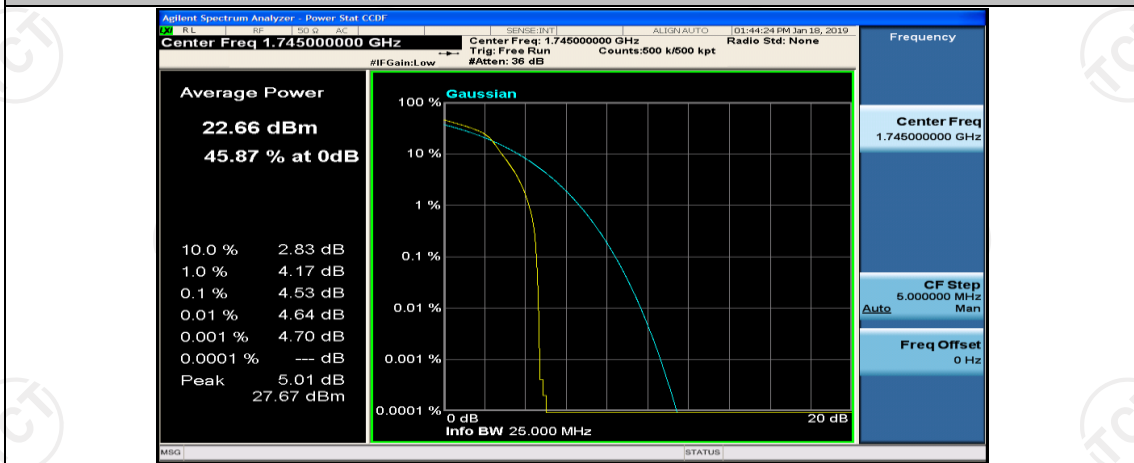
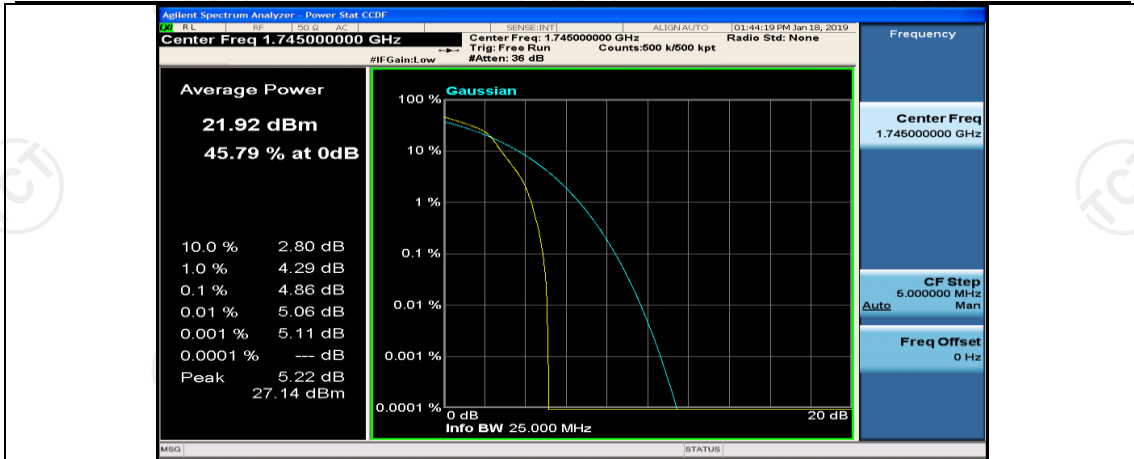
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0

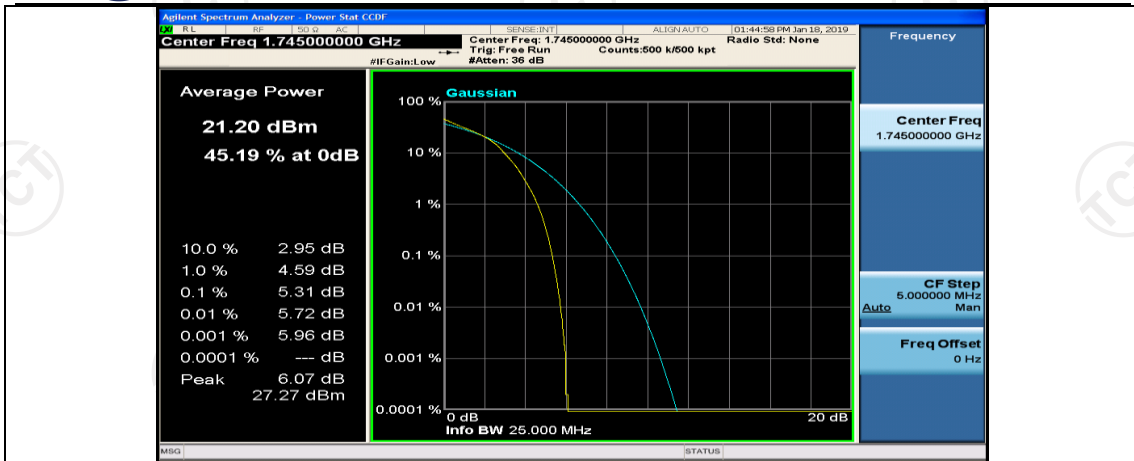


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0

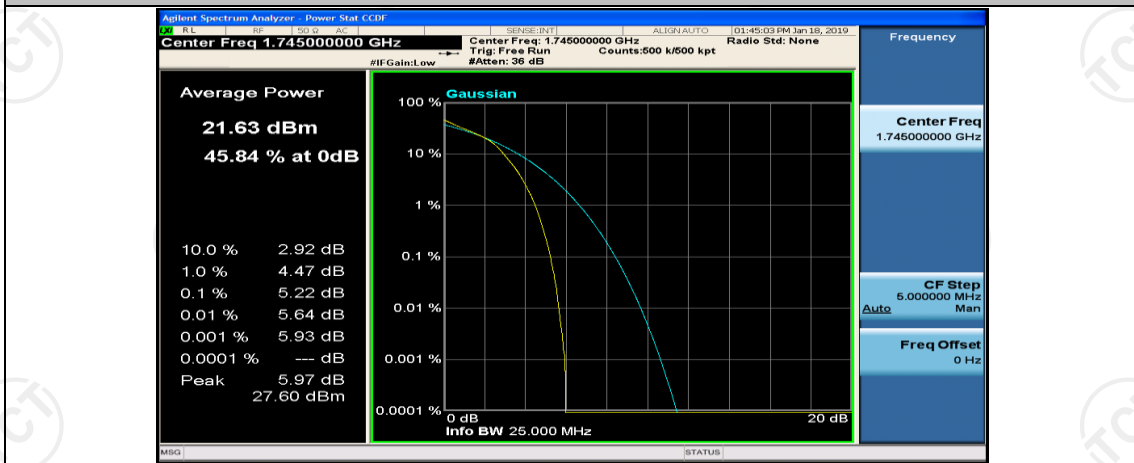


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49

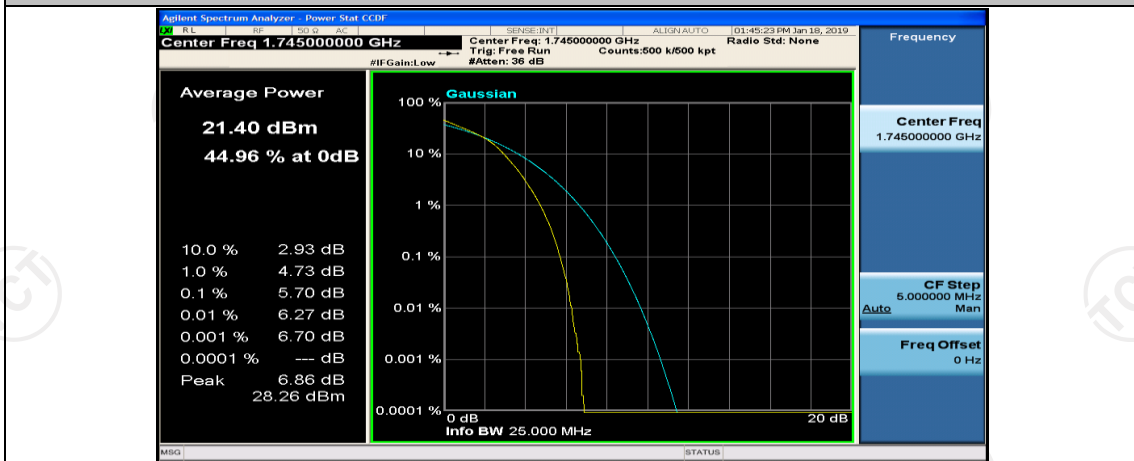




(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



(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	1	0	0.30223	0.6648	PASS
		1	3	0.33667	0.5245	PASS
		1	5	0.30400	0.3791	PASS
		3	0	0.59006	0.9323	PASS
		3	2	0.58948	1.012	PASS
		3	3	0.58678	1.068	PASS
		6	0	1.0831	1.365	PASS
	MCH	1	0	0.29240	0.3499	PASS
		1	3	0.34292	0.5045	PASS
		1	5	0.27488	0.3723	PASS
		3	0	0.57531	0.8423	PASS
		3	2	0.58512	1.012	PASS
		3	3	0.57449	0.8656	PASS
		6	0	1.0806	1.360	PASS
	HCH	1	0	0.29779	0.3799	PASS
		1	3	0.33516	0.5963	PASS
		1	5	0.29192	0.6444	PASS
		3	0	0.58674	1.133	PASS
		3	2	0.59327	1.023	PASS
		3	3	0.58432	0.8694	PASS
		6	0	1.0822	1.395	PASS
16QAM	LCH	1	0	0.33561	0.4045	PASS
		1	3	0.34247	0.5040	PASS
		1	5	0.32923	0.4381	PASS
		3	0	0.60501	0.9654	PASS
		3	2	0.60473	0.9856	PASS
		3	3	0.60617	0.9463	PASS
		6	0	1.0838	1.365	PASS
	MCH	1	0	0.30417	0.6384	PASS
		1	3	0.35996	0.5085	PASS

		1	5	0.29786	0.6347	PASS
		3	0	0.60306	0.8935	PASS
		3	2	0.59519	1.035	PASS
		3	3	0.58995	0.8665	PASS
		6	0	1.0860	1.336	PASS
	HCH	1	0	0.33951	0.6704	PASS
		1	3	0.33530	0.4604	PASS
		1	5	0.31561	0.4097	PASS
		3	0	0.61409	0.9425	PASS
		3	2	0.59463	0.9849	PASS
		3	3	0.58006	0.9282	PASS
		6	0	1.0826	1.361	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	0.34571	0.4680	PASS	
		1	7	0.40323	0.5549	PASS	
		1	14	0.36542	0.5270	PASS	
		8	0	1.4605	1.870	PASS	
		8	4	1.4582	2.139	PASS	
		8	7	1.4598	1.850	PASS	
		15	0	2.6900	2.962	PASS	
	MCH	1	0	0.33826	0.4300	PASS	
		1	7	0.40221	0.5402	PASS	
		1	14	0.33426	0.4346	PASS	
		8	0	1.4537	1.889	PASS	
		8	4	1.4608	2.093	PASS	
		8	7	1.4610	1.887	PASS	
		15	0	2.6876	2.965	PASS	
	HCH	1	0	0.35663	0.4783	PASS	
		1	7	0.39790	0.5034	PASS	
		1	14	0.37068	0.4732	PASS	
		8	0	1.4525	1.960	PASS	
		8	4	1.4625	2.208	PASS	
		8	7	1.4564	1.998	PASS	
		15	0	2.6880	2.953	PASS	
	16QAM	LCH	1	0	0.36828	0.4801	PASS

		1	7	0.43692	0.5751	PASS
		1	14	0.37428	0.4512	PASS
		8	0	1.4584	2.122	PASS
		8	4	1.4596	2.099	PASS
		8	7	1.4599	1.918	PASS
		15	0	2.6923	2.975	PASS
	MCH	1	0	0.35825	0.5003	PASS
		1	7	0.41860	0.5149	PASS
		1	14	0.35106	0.4122	PASS
		8	0	1.4554	1.777	PASS
		8	4	1.4619	2.007	PASS
		8	7	1.4529	1.908	PASS
	HCH	15	0	2.6839	2.930	PASS
		1	0	0.41055	0.4983	PASS
		1	7	0.43420	0.6154	PASS
		1	14	0.39457	0.4899	PASS
		8	0	1.4559	1.870	PASS
		8	4	1.4582	2.067	PASS
		8	7	1.4548	1.833	PASS
	15	0	2.6858	2.909	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	0.39923	0.5682	PASS
		1	12	0.49948	0.6205	PASS
		1	24	0.41652	0.5484	PASS
		12	0	2.1897	2.743	PASS
		12	6	2.1965	2.965	PASS
		12	13	2.1852	2.855	PASS
		25	0	4.4828	4.954	PASS
	MCH	1	0	0.42186	0.5739	PASS
		1	12	0.50124	0.7066	PASS
		1	24	0.40428	0.6027	PASS
		12	0	2.1878	2.782	PASS
		12	6	2.1853	3.150	PASS
		12	13	2.1852	2.725	PASS
		25	0	4.4878	4.956	PASS

	HCH	1	0	0.42367	0.5689	PASS
		1	12	0.50377	0.6580	PASS
		1	24	0.43880	0.6208	PASS
		12	0	2.1809	2.755	PASS
		12	6	2.1904	3.165	PASS
		12	13	2.1975	2.799	PASS
		25	0	4.4816	4.965	PASS
16QAM	LCH	1	0	0.41493	0.5537	PASS
		1	12	0.52111	0.6748	PASS
		1	24	0.44061	0.5829	PASS
		12	0	2.1900	2.923	PASS
		12	6	2.1996	3.064	PASS
		12	13	2.1933	2.821	PASS
		25	0	4.4865	4.940	PASS
	MCH	1	0	0.44910	0.5125	PASS
		1	12	0.49777	0.5882	PASS
		1	24	0.39469	0.5454	PASS
		12	0	2.1881	2.806	PASS
		12	6	2.1977	2.984	PASS
		12	13	2.1853	2.745	PASS
		25	0	4.4816	4.921	PASS
	HCH	1	0	0.43220	0.5754	PASS
		1	12	0.52029	0.6145	PASS
		1	24	0.43367	0.5433	PASS
		12	0	2.1946	2.933	PASS
		12	6	2.2017	3.386	PASS
		12	13	2.1993	2.986	PASS
		25	0	4.4845	4.936	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	0.52562	0.7212	PASS
		1	25	0.57850	0.7465	PASS
		1	49	0.53272	0.6861	PASS
		25	0	4.5360	5.500	PASS
		25	12	4.5357	5.554	PASS
		25	25	4.5269	5.375	PASS
		50	0	8.9663	9.769	PASS
	MCH	1	0	0.54001	0.7144	PASS

		1	25	0.60582	0.7408	PASS	
		1	49	0.52775	0.6978	PASS	
		25	0	4.5269	5.291	PASS	
		25	12	4.5352	5.675	PASS	
		25	25	4.5227	5.429	PASS	
		50	0	8.9476	9.827	PASS	
	HCH	1	0	0.54317	0.7305	PASS	
		1	25	0.58643	0.7554	PASS	
		1	49	0.54871	0.6949	PASS	
		25	0	4.5350	5.392	PASS	
		25	12	4.5404	5.754	PASS	
		25	25	4.5242	5.370	PASS	
	16QAM	LCH	1	0	0.54107	0.6895	PASS
			1	25	0.60612	0.7164	PASS
1			49	0.55687	0.7520	PASS	
25			0	4.5363	5.526	PASS	
25			12	4.5387	5.956	PASS	
25			25	4.5324	5.824	PASS	
MCH		50	0	8.9635	9.808	PASS	
		1	0	0.55925	0.6997	PASS	
		1	25	0.61970	0.7840	PASS	
		1	49	0.55617	0.7379	PASS	
		25	0	4.5323	5.511	PASS	
		25	12	4.5314	5.731	PASS	
HCH		25	25	4.5166	5.214	PASS	
		50	0	8.9521	9.828	PASS	
	1	0	0.53952	0.7115	PASS		
	1	25	0.60219	0.7579	PASS		
	1	49	0.59683	0.7964	PASS		
	25	0	4.5243	5.567	PASS		
		25	12	4.5468	5.724	PASS	
		25	25	4.5409	5.593	PASS	
		50	0	8.9672	9.864	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	0.61965	0.8365	PASS

		1	37	0.66387	0.8211	PASS	
		1	74	0.58498	0.7631	PASS	
		37	0	6.5098	7.461	PASS	
		37	18	6.5199	8.311	PASS	
		37	38	6.5137	7.615	PASS	
		75	0	13.443	14.57	PASS	
	MCH	1	0	0.63969	0.8798	PASS	
		1	37	0.63995	0.8903	PASS	
		1	74	0.62761	0.8155	PASS	
		37	0	6.5103	7.552	PASS	
		37	18	6.5156	7.674	PASS	
		37	38	6.4945	7.466	PASS	
	HCH	75	0	13.399	14.41	PASS	
		1	0	0.63875	0.9304	PASS	
		1	37	0.64748	0.8698	PASS	
		1	74	0.61130	0.8074	PASS	
		37	0	6.5158	7.411	PASS	
		37	18	6.5199	8.016	PASS	
	16QAM	LCH	37	38	6.5237	8.437	PASS
			75	0	13.425	14.53	PASS
			1	0	0.64156	0.7946	PASS
1			37	0.64982	0.8373	PASS	
1			74	0.57791	0.7714	PASS	
37			0	6.5058	7.637	PASS	
MCH		37	18	6.5266	8.066	PASS	
		37	38	6.5147	7.616	PASS	
		75	0	13.453	14.39	PASS	
		1	0	0.62898	0.8592	PASS	
		1	37	0.59634	0.7588	PASS	
		1	74	0.63870	0.8689	PASS	
HCH		37	0	6.5065	7.532	PASS	
		37	18	6.5180	8.029	PASS	
		37	38	6.5118	7.528	PASS	
		75	0	13.416	14.43	PASS	
		1	0	0.62878	0.8529	PASS	
		1	37	0.67699	0.8417	PASS	
			1	74	0.60547	0.8893	PASS
			37	0	6.5111	7.520	PASS
			37	18	6.5205	7.899	PASS
	37		38	6.5232	7.805	PASS	
	75		0	13.432	14.57	PASS	

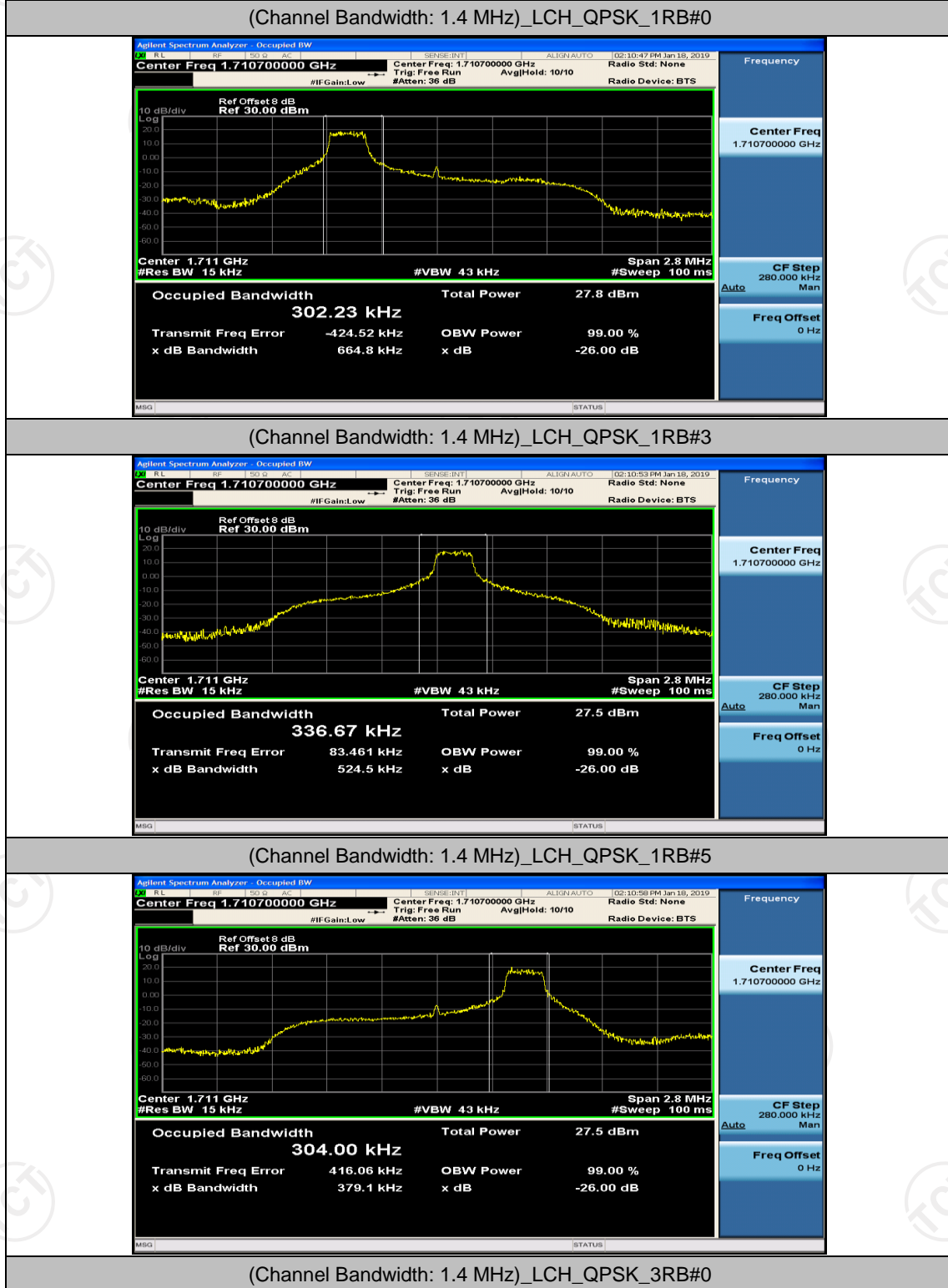
Channel Bandwidth: 20 MHz

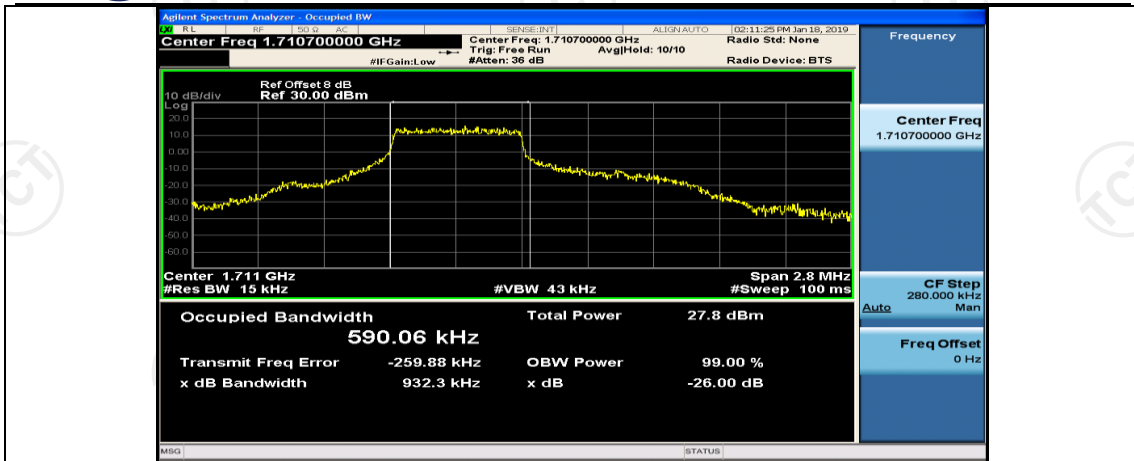
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.68699	0.9422	PASS
		1	50	0.72006	0.9606	PASS
		1	99	0.65377	0.8654	PASS
		50	0	9.0236	9.925	PASS
		50	25	9.0402	10.35	PASS
		50	50	9.0164	9.764	PASS
		100	0	17.945	18.82	PASS
	MCH	1	0	0.64954	0.8898	PASS
		1	50	0.70858	1.013	PASS
		1	99	0.71431	0.9442	PASS
		50	0	9.0182	10.08	PASS
		50	25	9.0055	10.12	PASS
		50	50	9.0090	9.937	PASS
		100	0	17.866	18.71	PASS
	HCH	1	0	0.64952	0.8521	PASS
		1	50	0.70187	0.9261	PASS
		1	99	0.69574	0.8949	PASS
		50	0	9.0061	10.10	PASS
		50	25	9.0129	10.34	PASS
		50	50	9.0136	10.10	PASS
		100	0	17.882	18.94	PASS
16QAM	LCH	1	0	0.67847	0.8297	PASS
		1	50	0.71111	0.8881	PASS
		1	99	0.64935	0.8611	PASS
		50	0	9.0206	10.26	PASS
		50	25	9.0167	10.89	PASS
		50	50	9.0183	9.820	PASS
		100	0	17.907	18.85	PASS
	MCH	1	0	0.70937	0.8910	PASS
		1	50	0.69813	0.8944	PASS
		1	99	0.68235	0.9259	PASS
		50	0	9.0176	10.20	PASS
		50	25	9.0341	10.07	PASS
		50	50	8.9952	9.943	PASS
		100	0	17.889	18.76	PASS
HCH	1	0	0.68806	0.9829	PASS	

		1	50	0.71269	0.8881	PASS
		1	99	0.70174	0.9173	PASS
		50	0	9.0039	9.982	PASS
		50	25	9.0331	10.22	PASS
		50	50	9.0217	10.21	PASS
		100	0	17.876	18.76	PASS

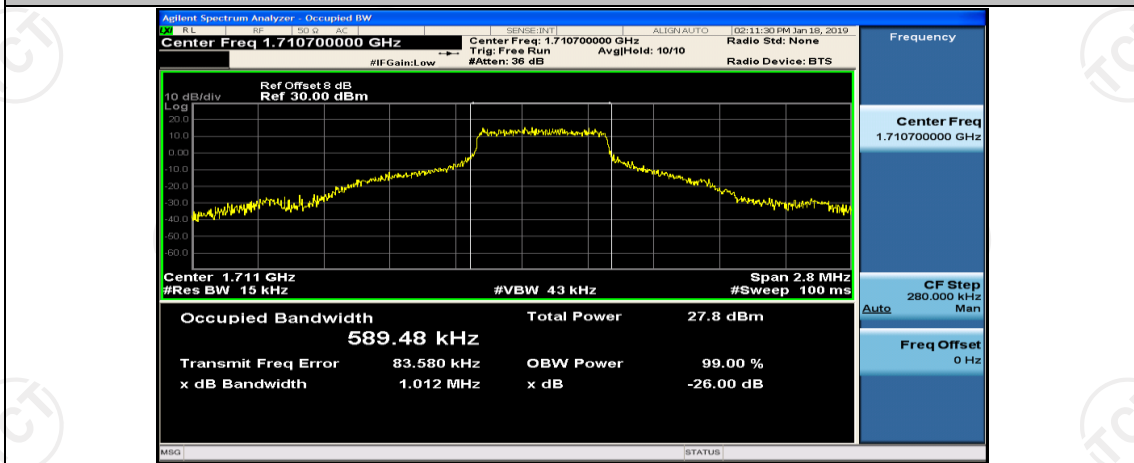
Test Graphs

Channel Bandwidth: 1.4 MHz

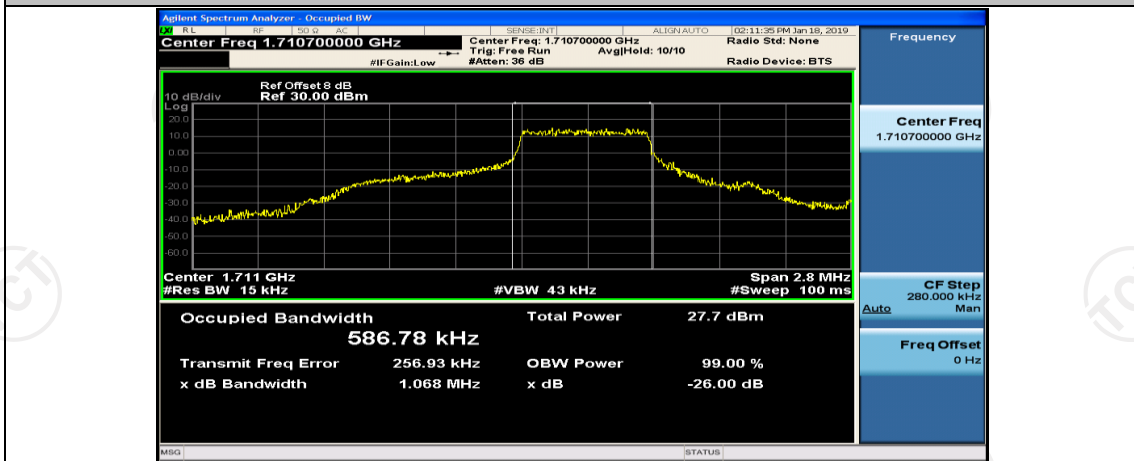




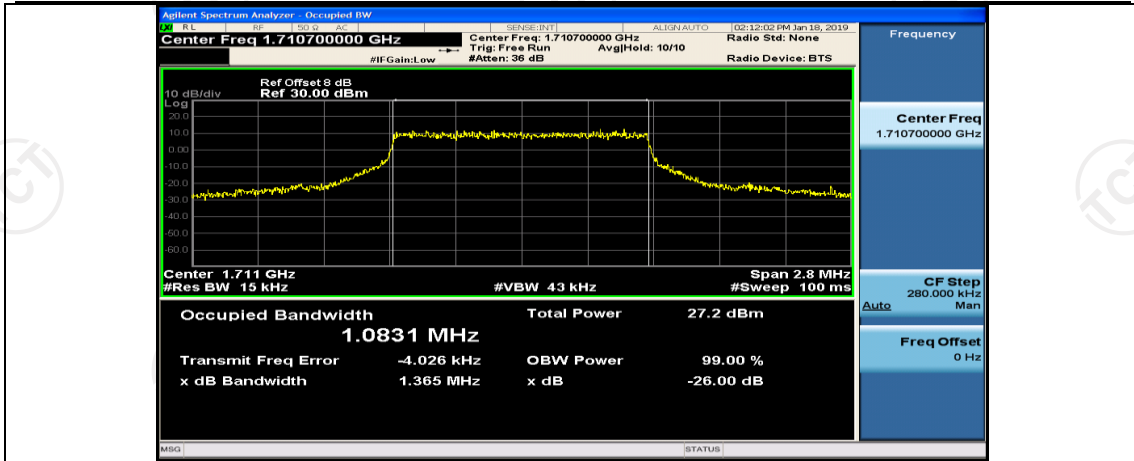
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



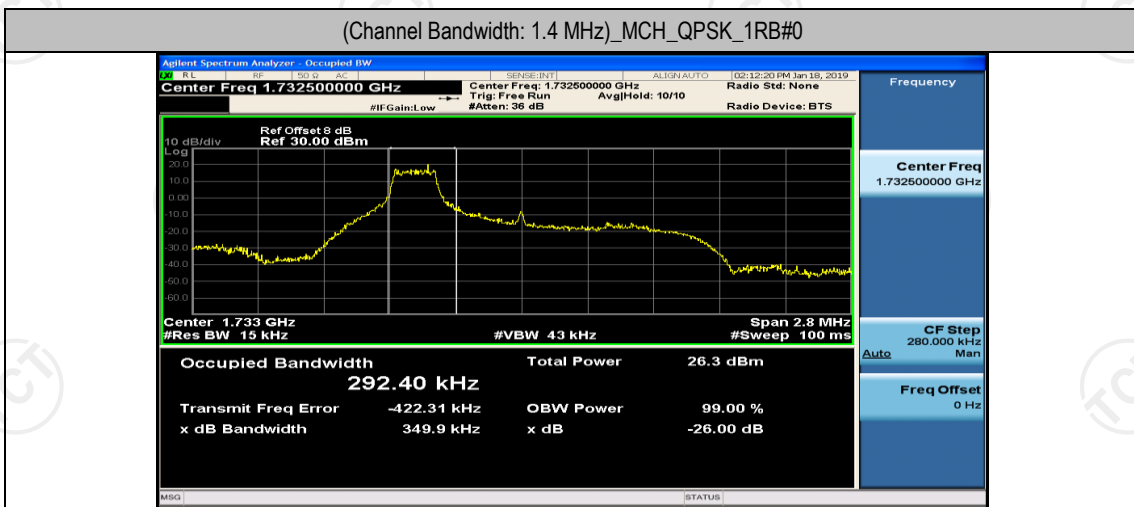
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



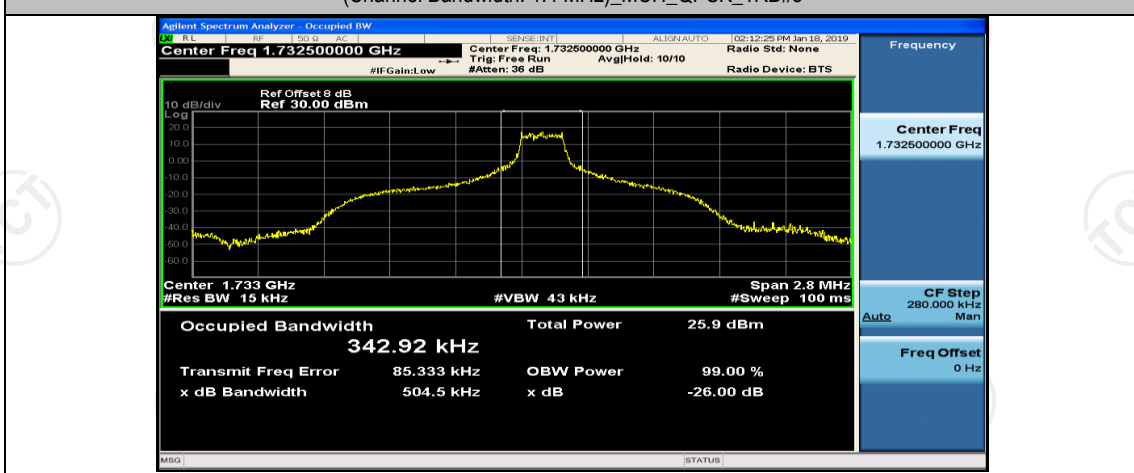
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



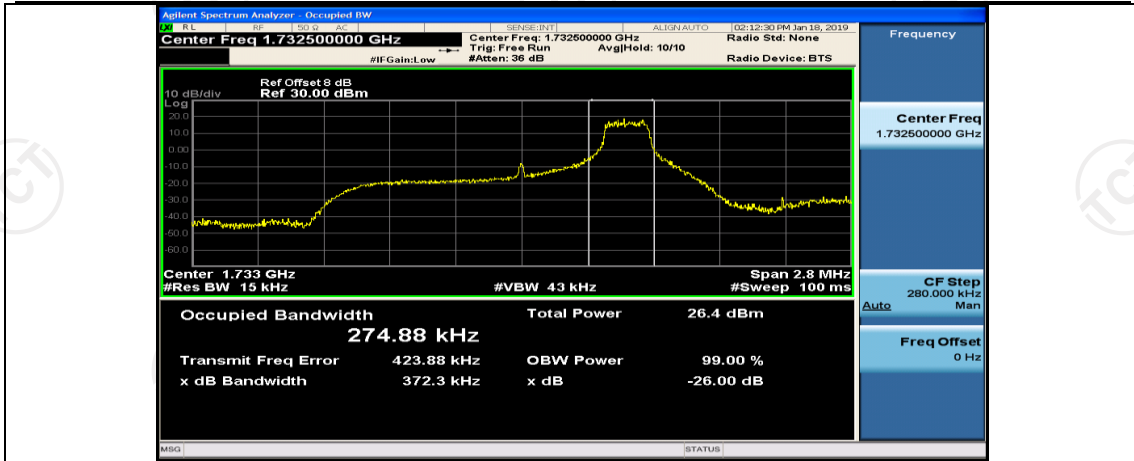
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



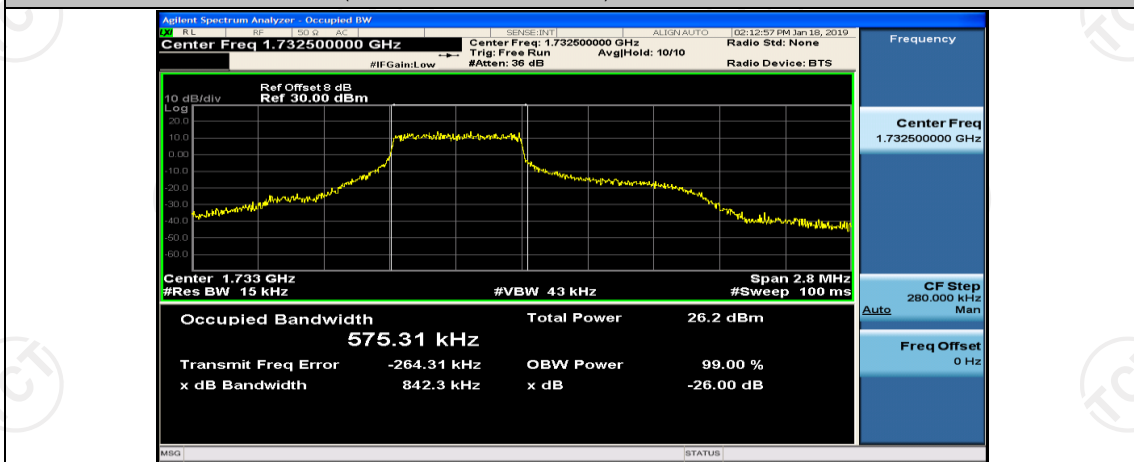
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



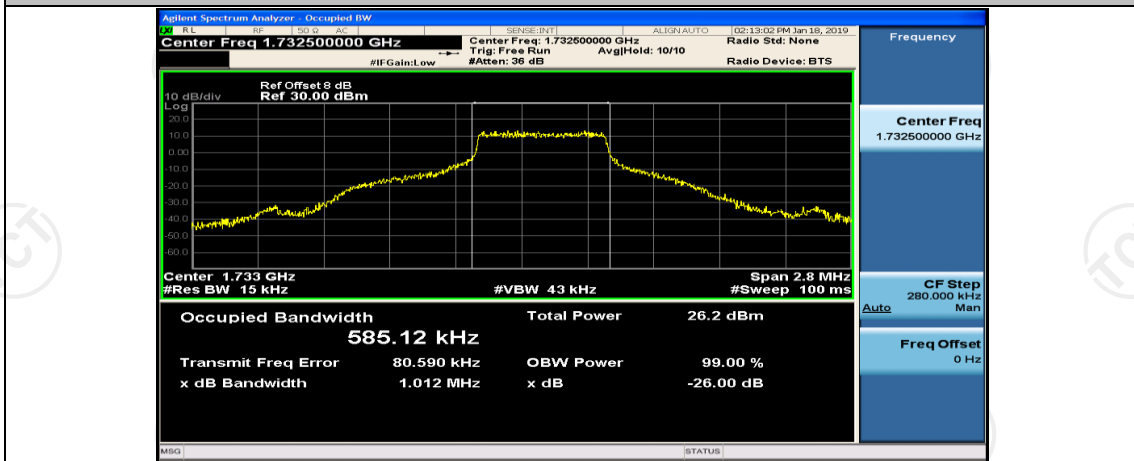
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



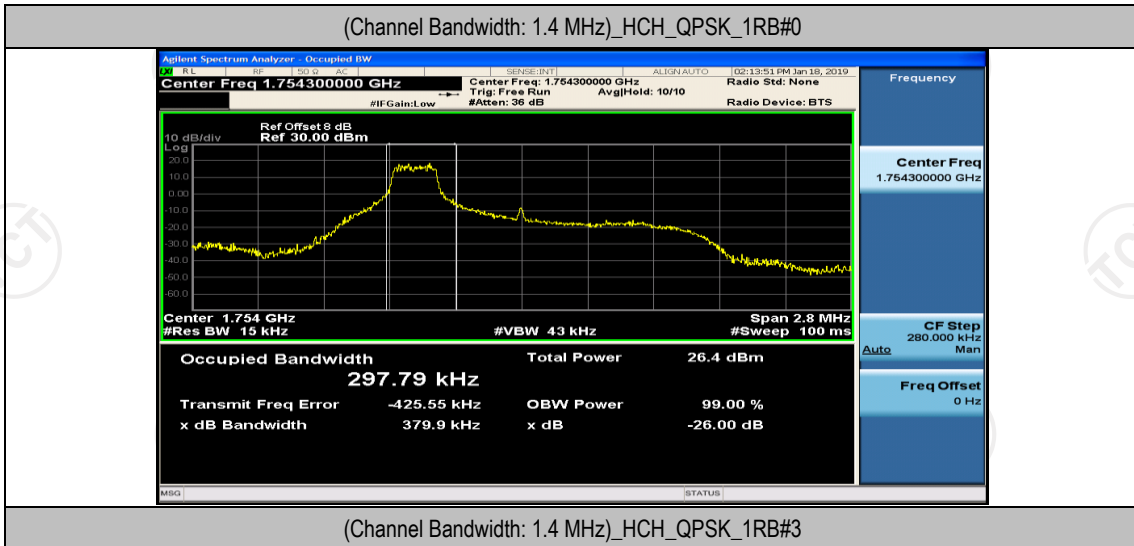
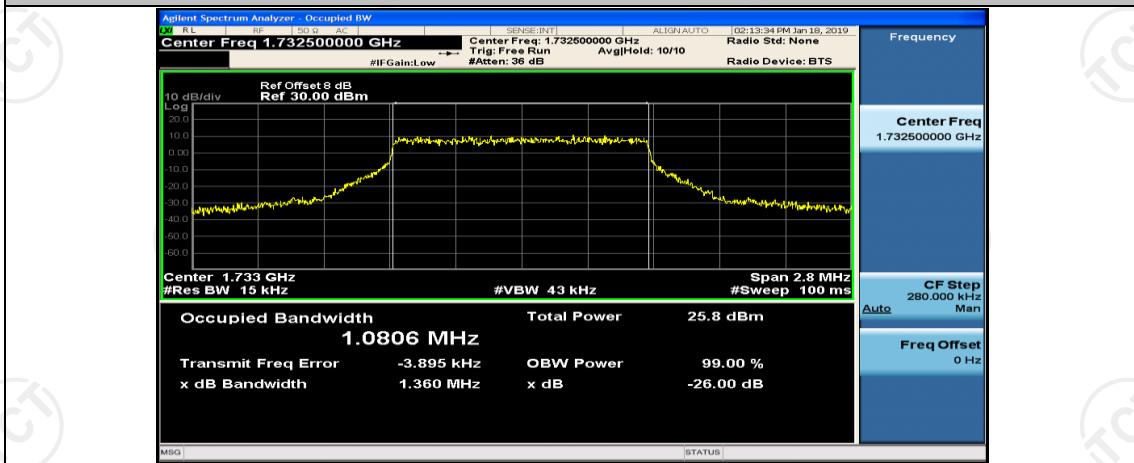
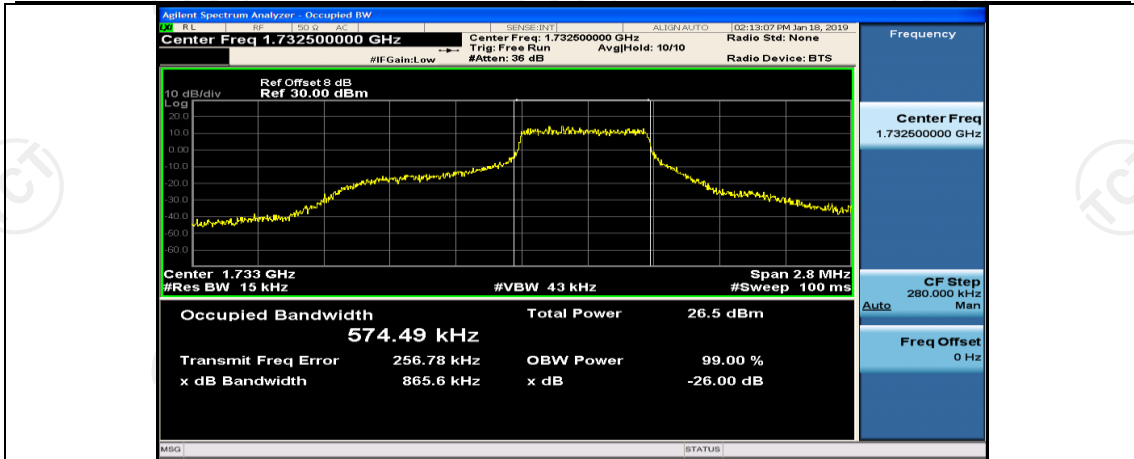
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0

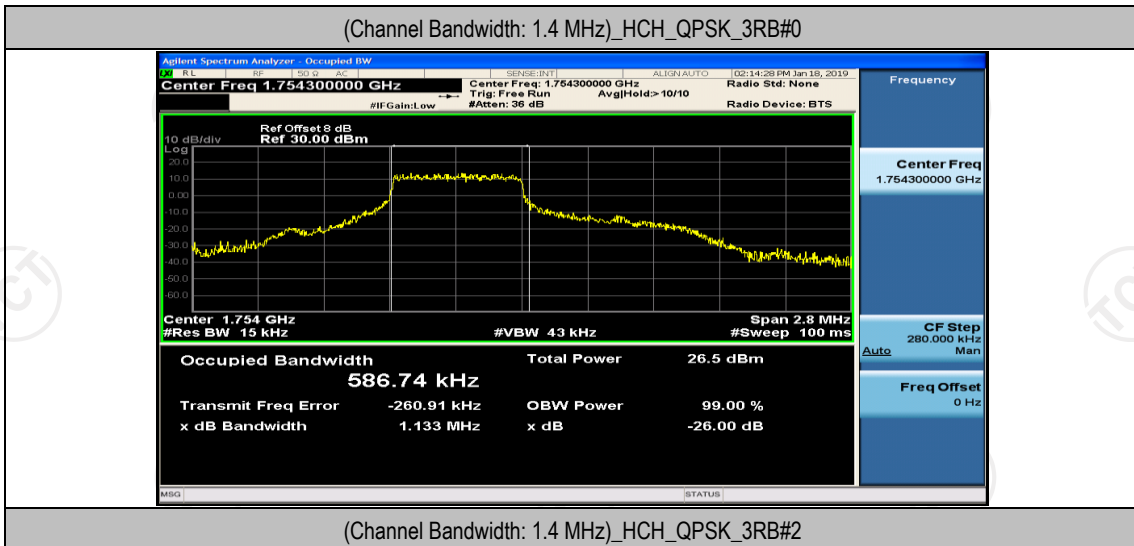
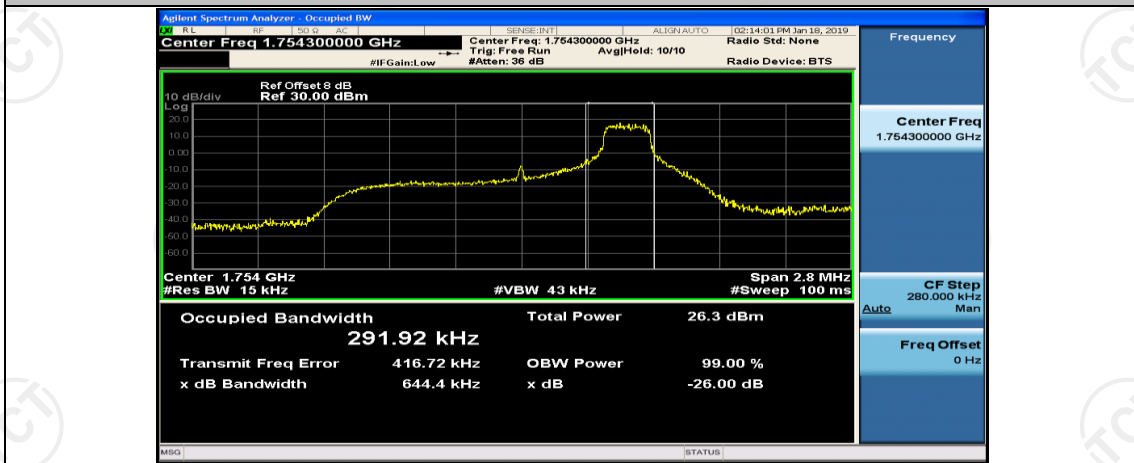


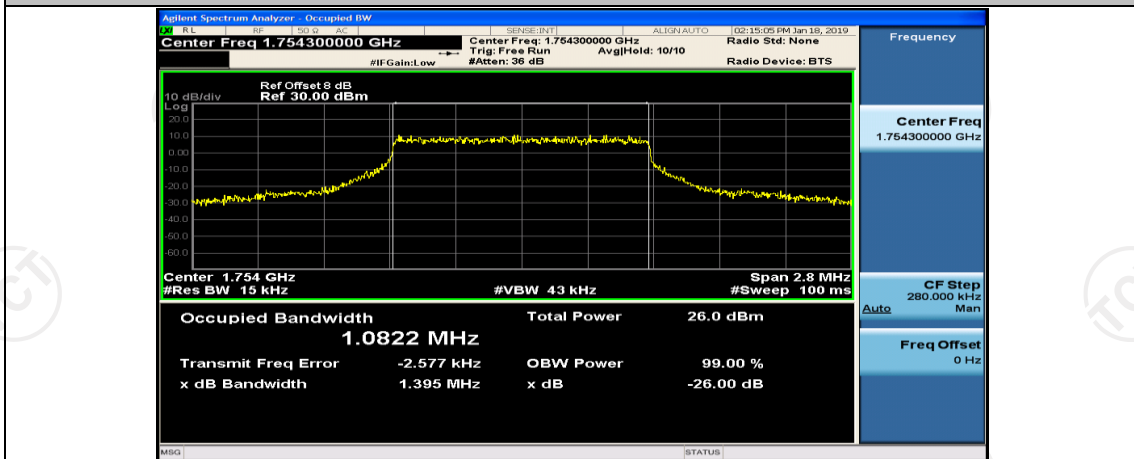
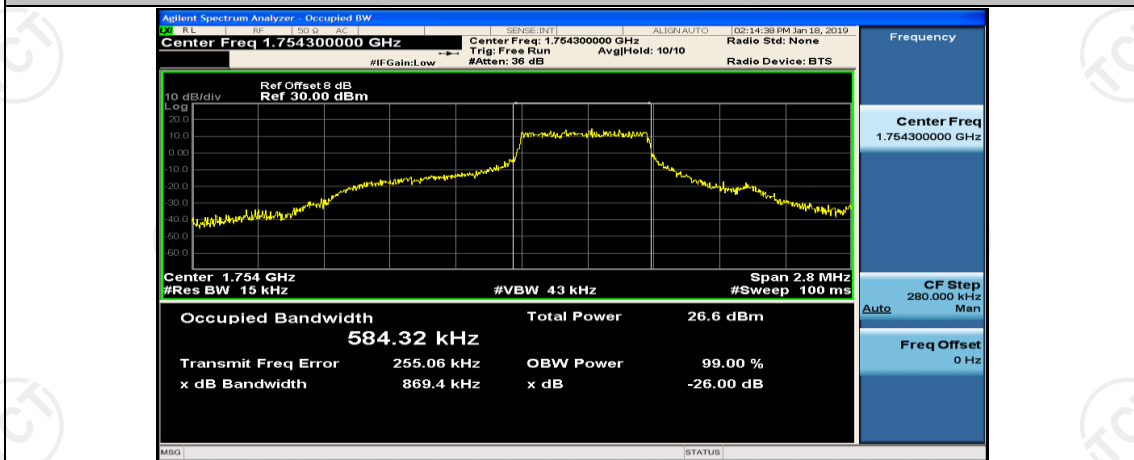
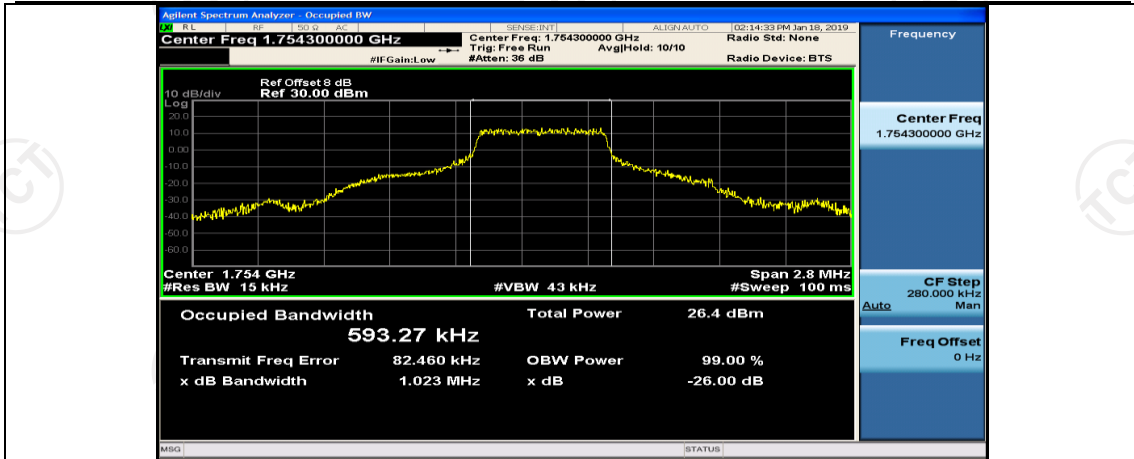
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



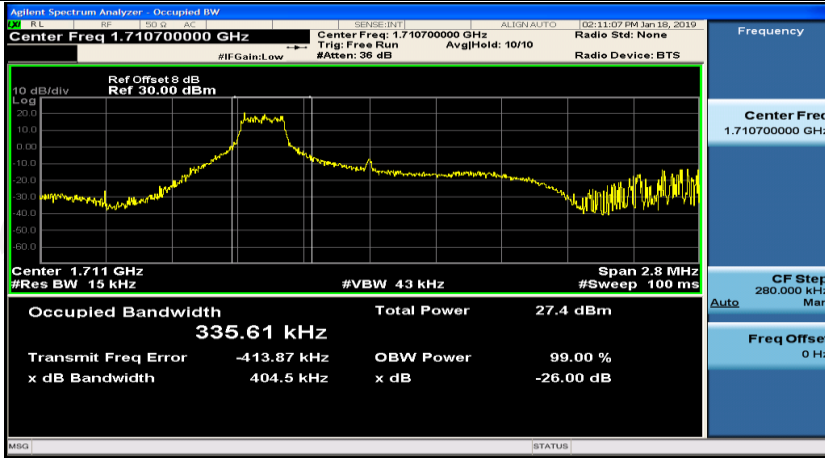
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



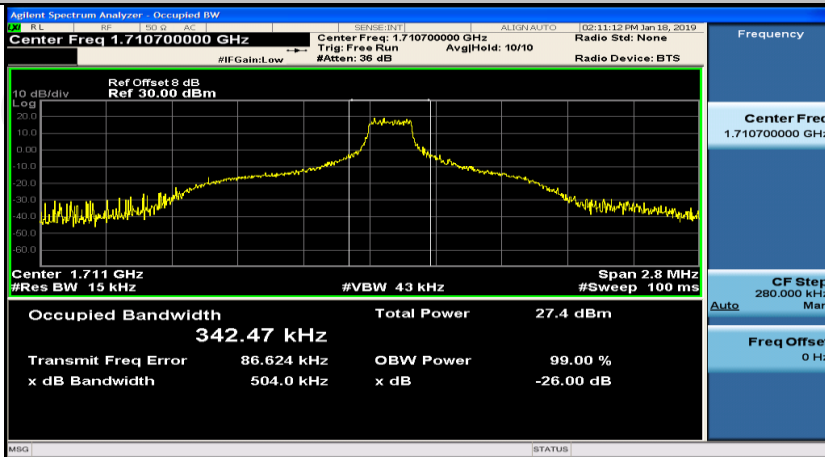




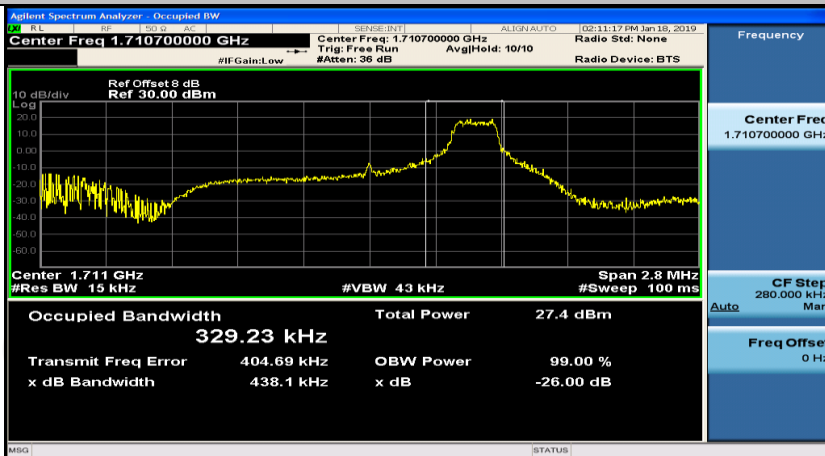
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



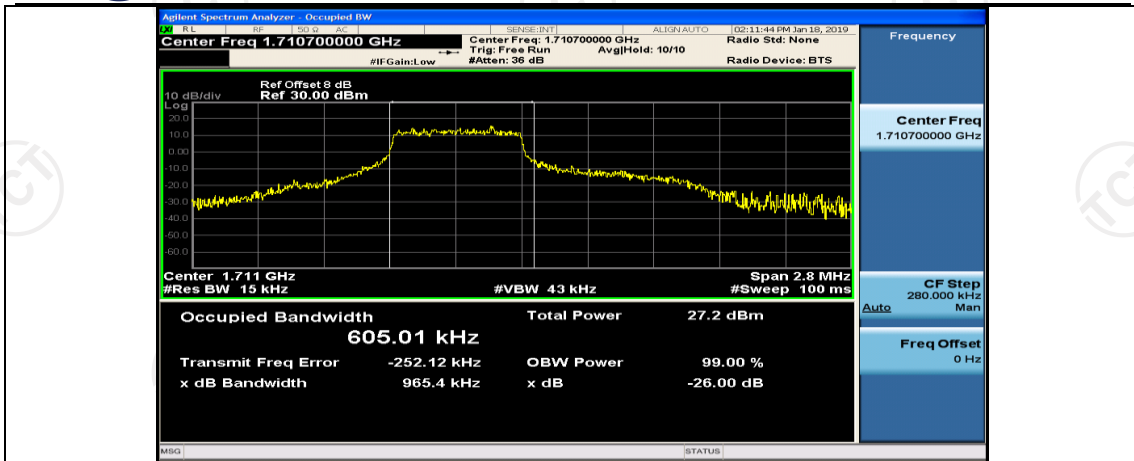
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



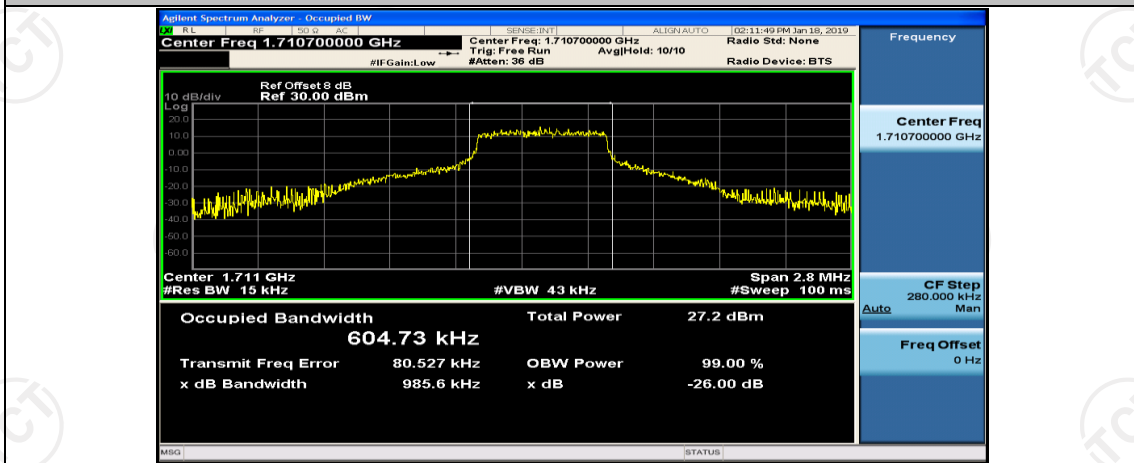
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



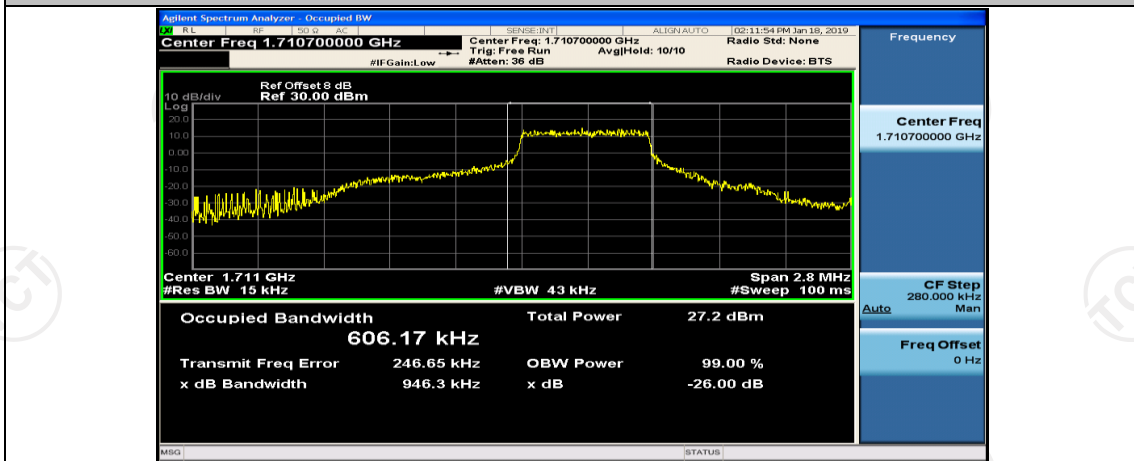
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



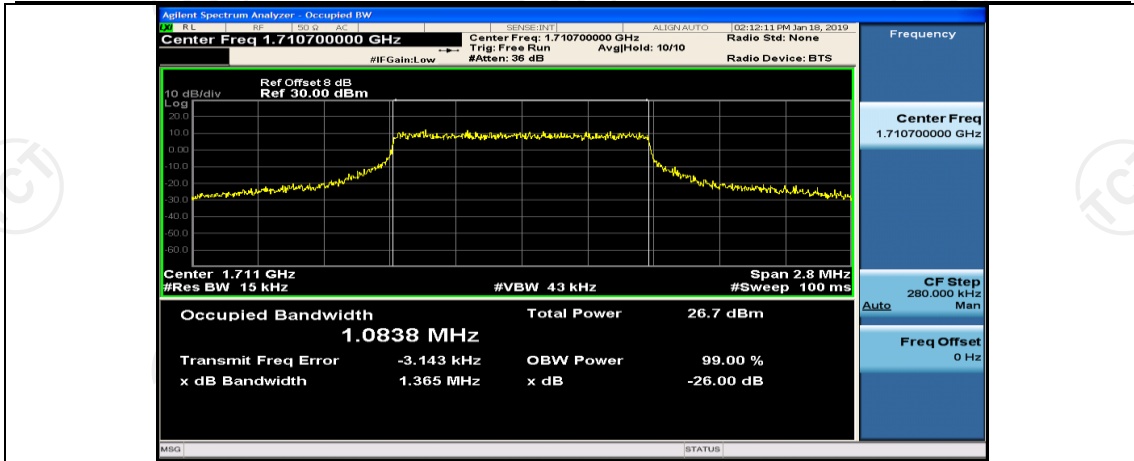
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



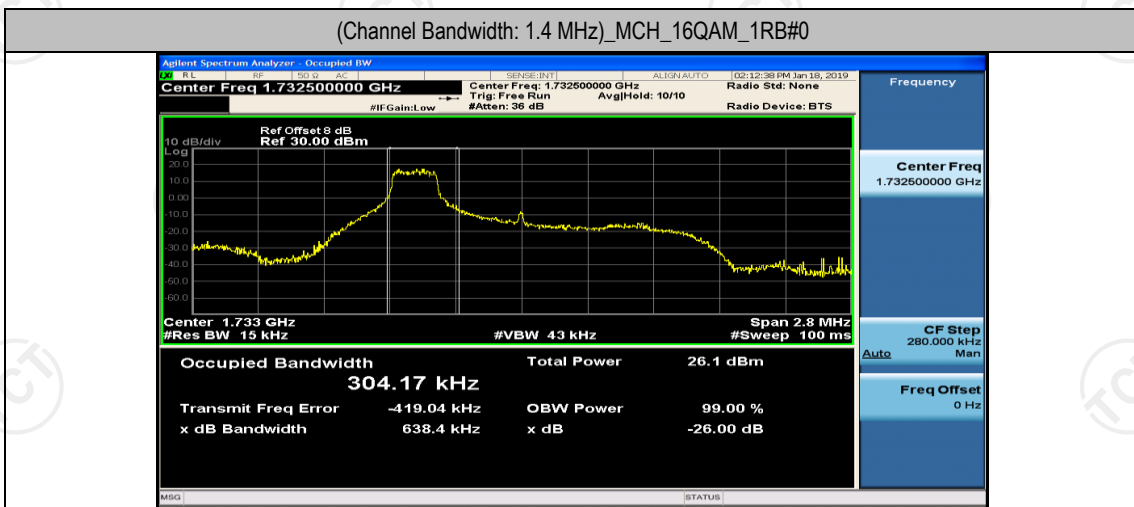
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



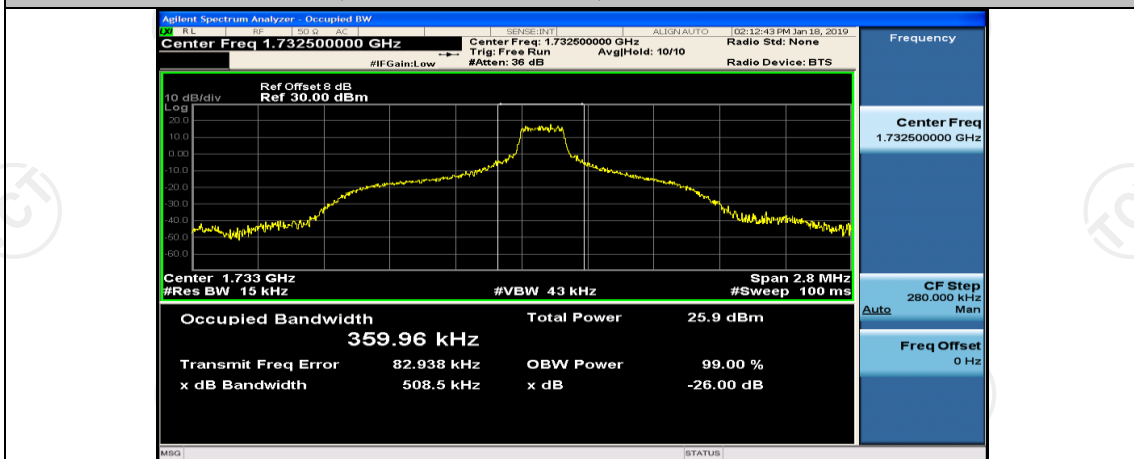
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



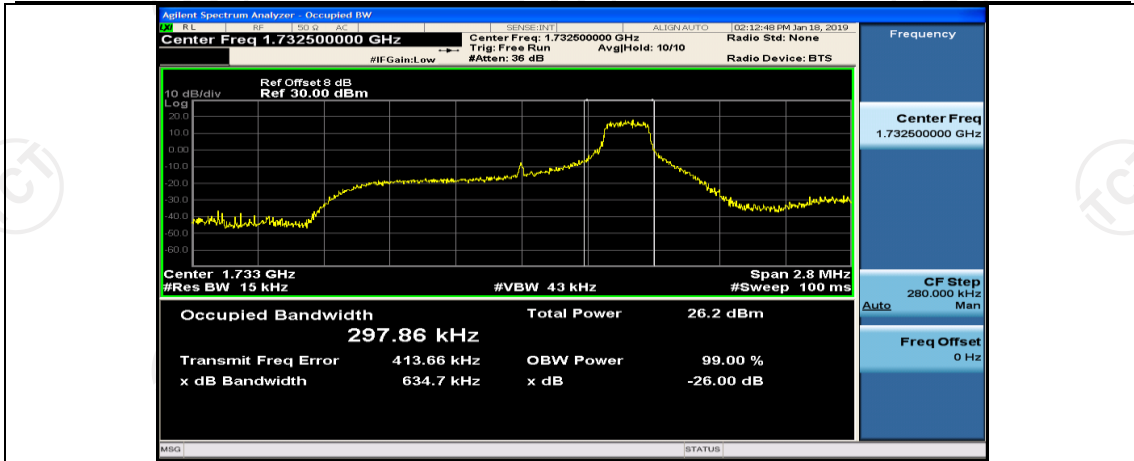
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



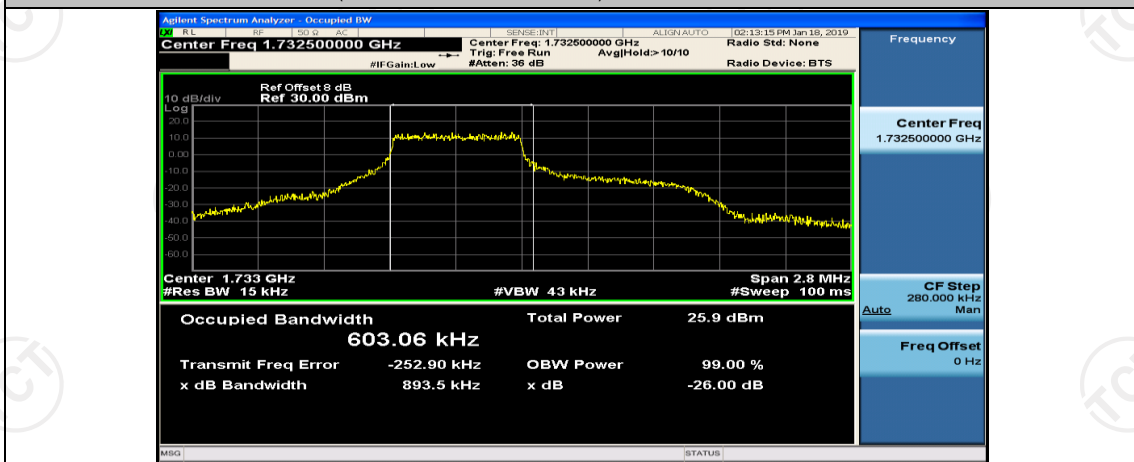
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



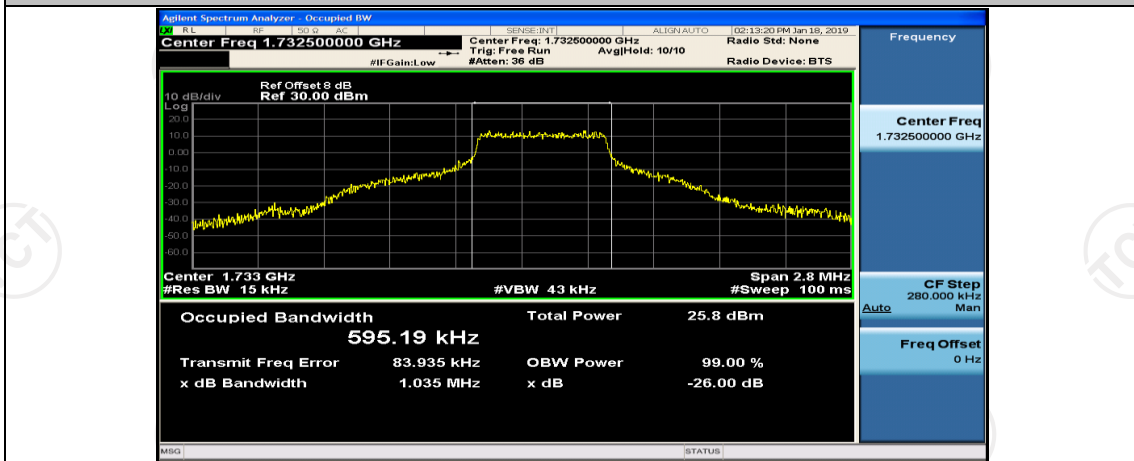
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



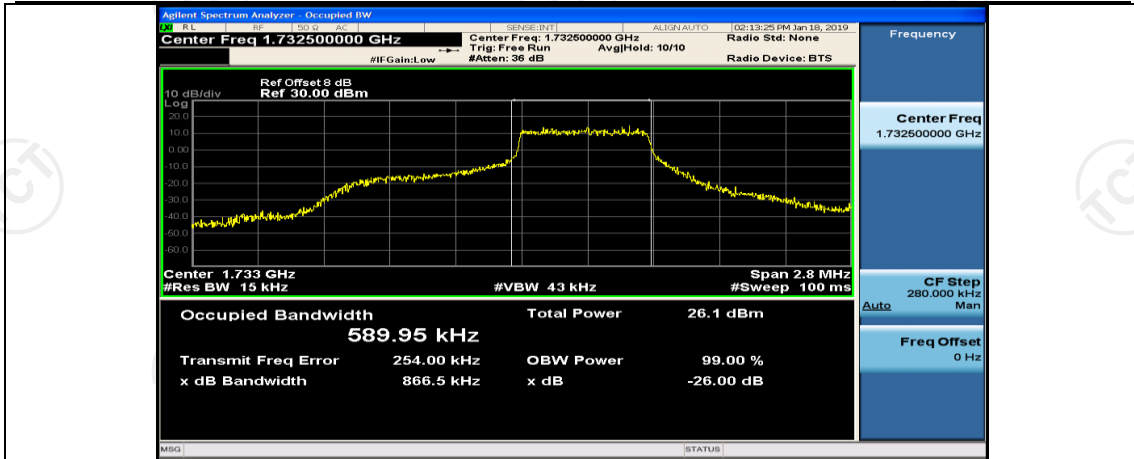
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



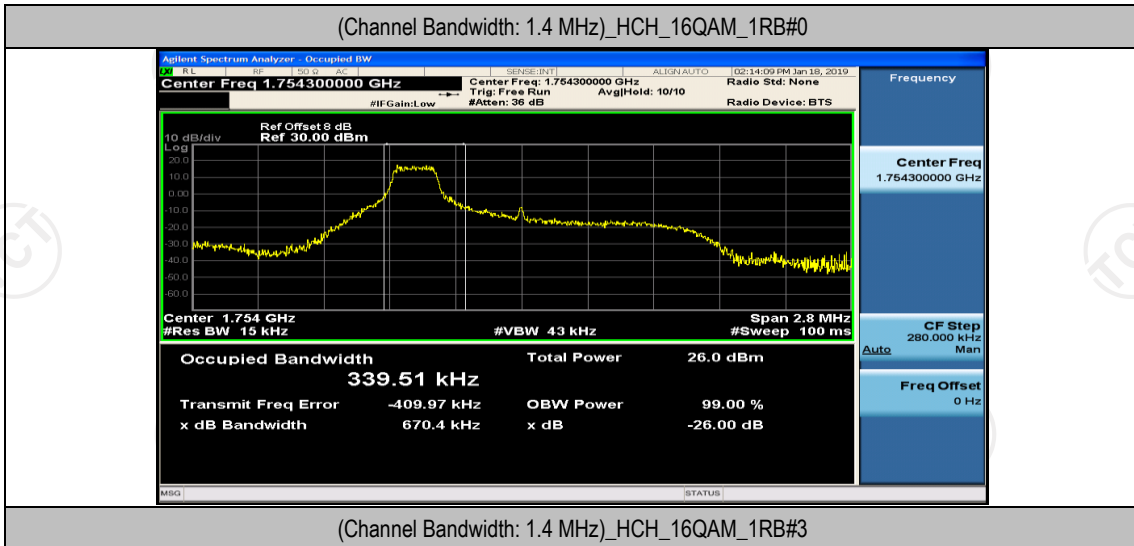
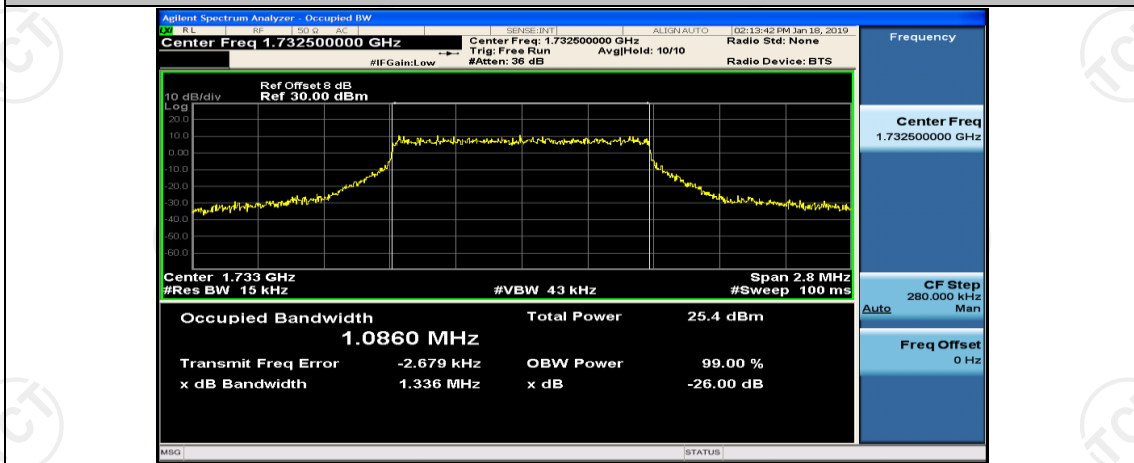
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



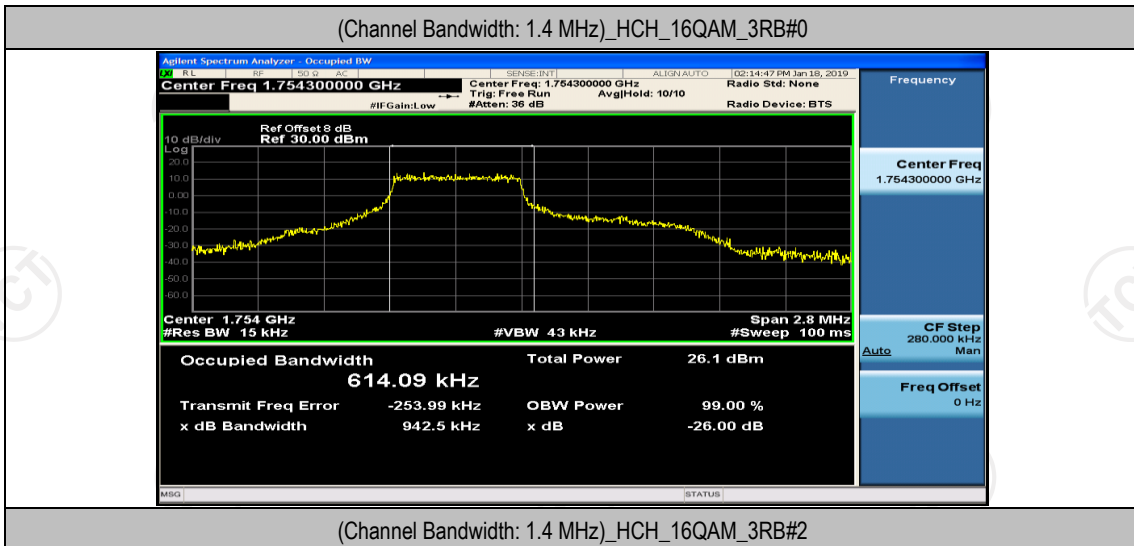
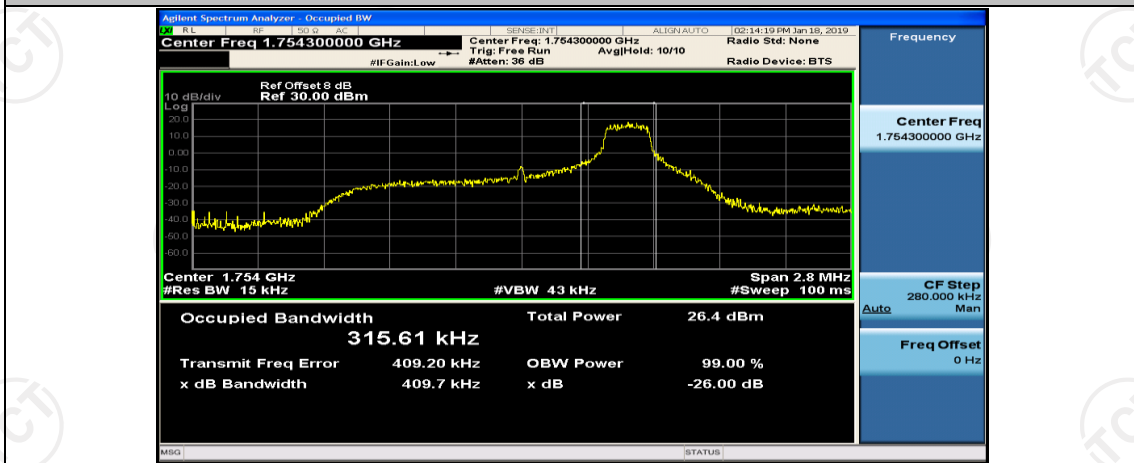
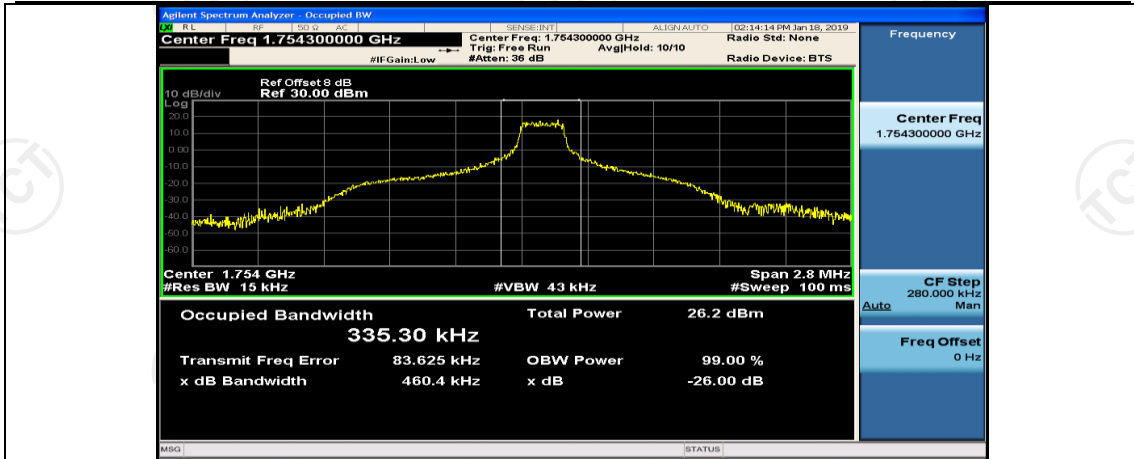
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3

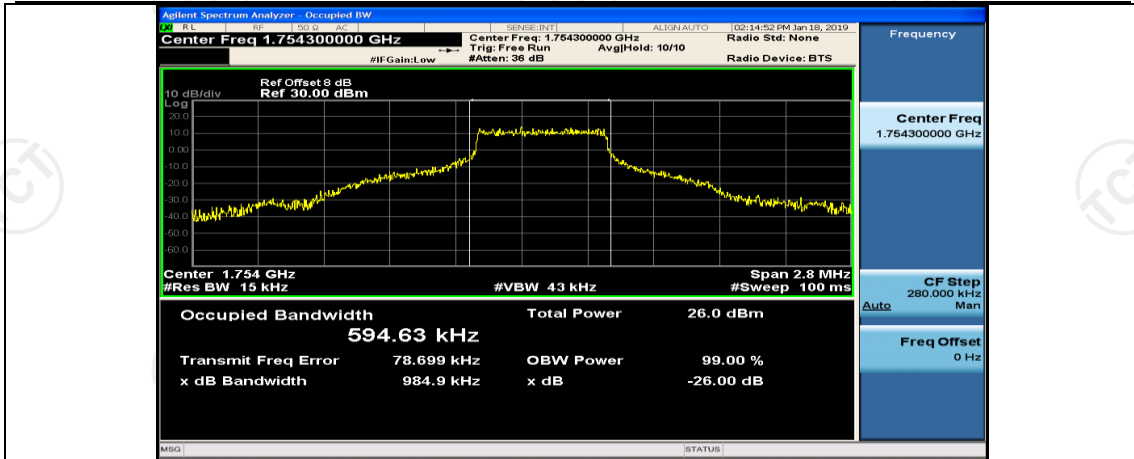


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

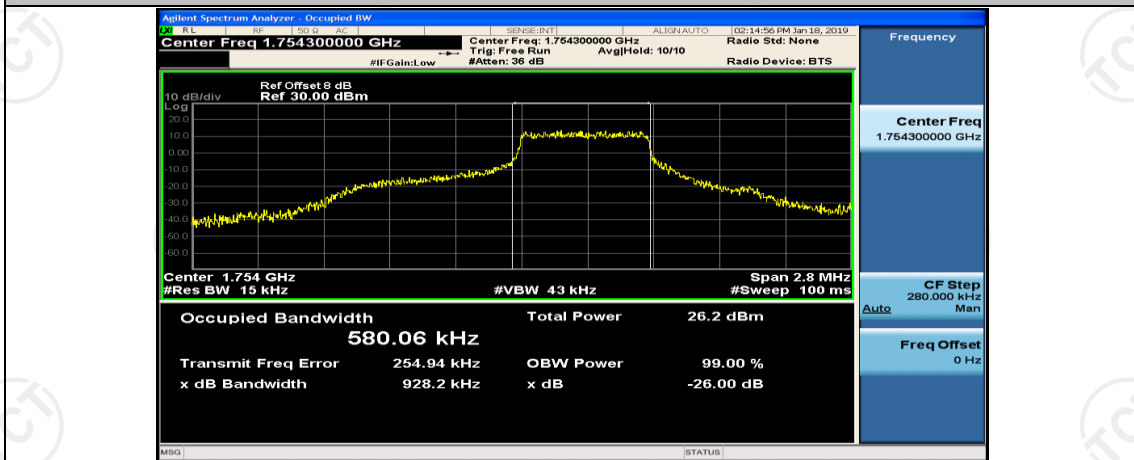


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3





(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

