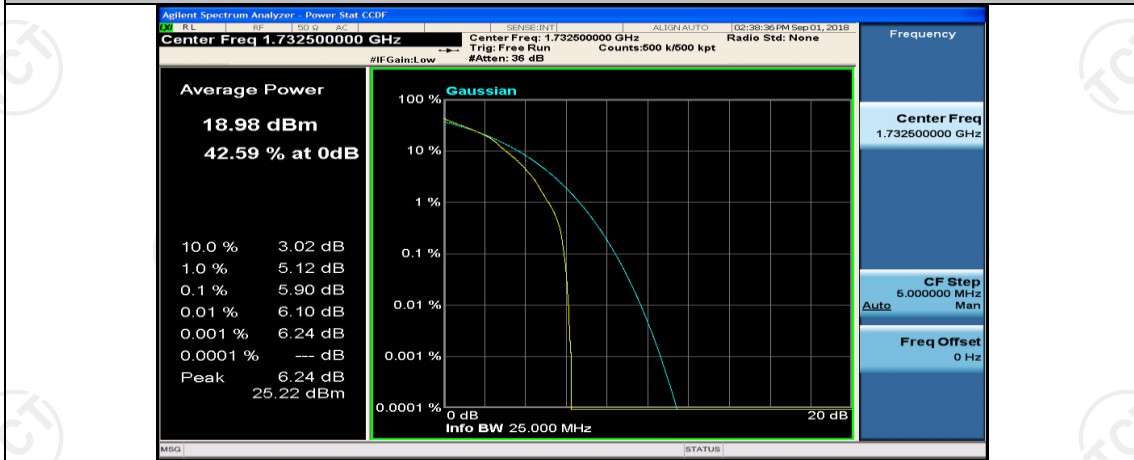
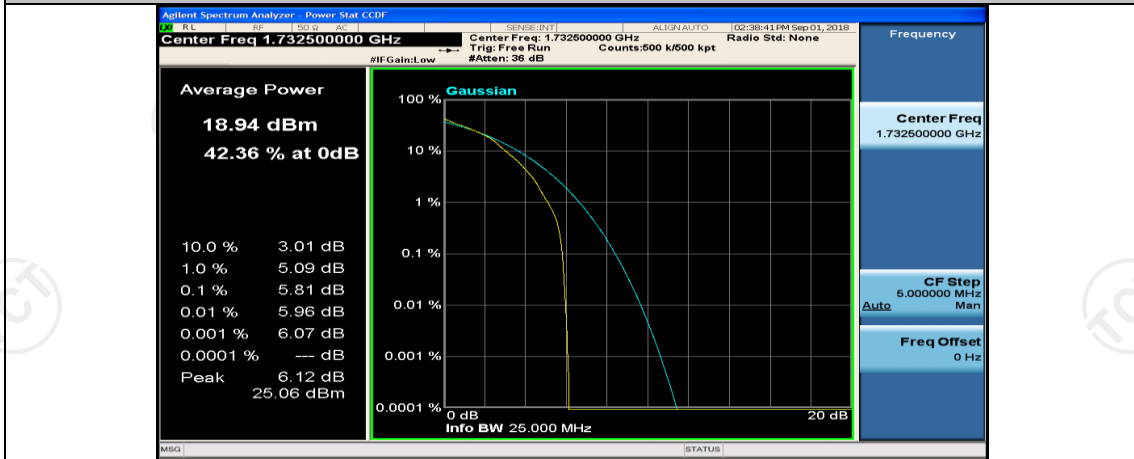


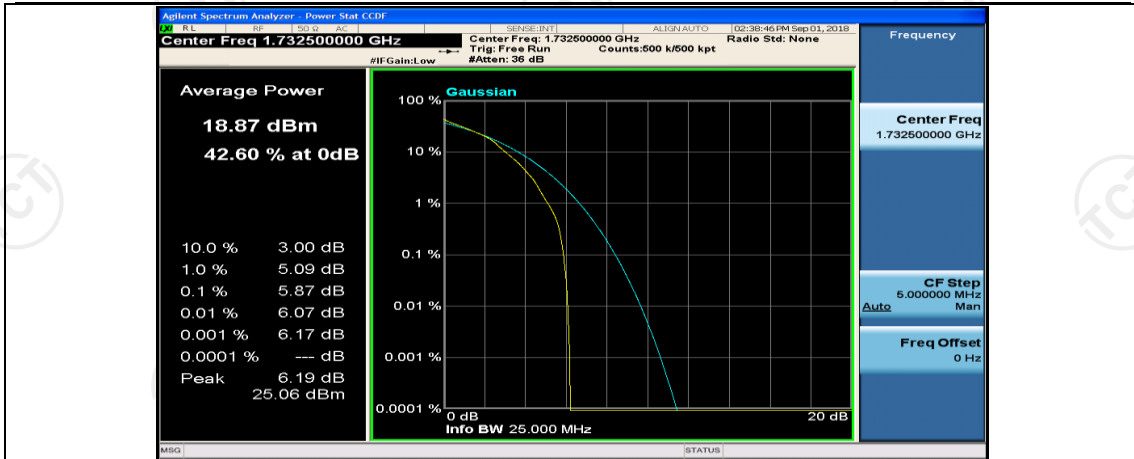
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



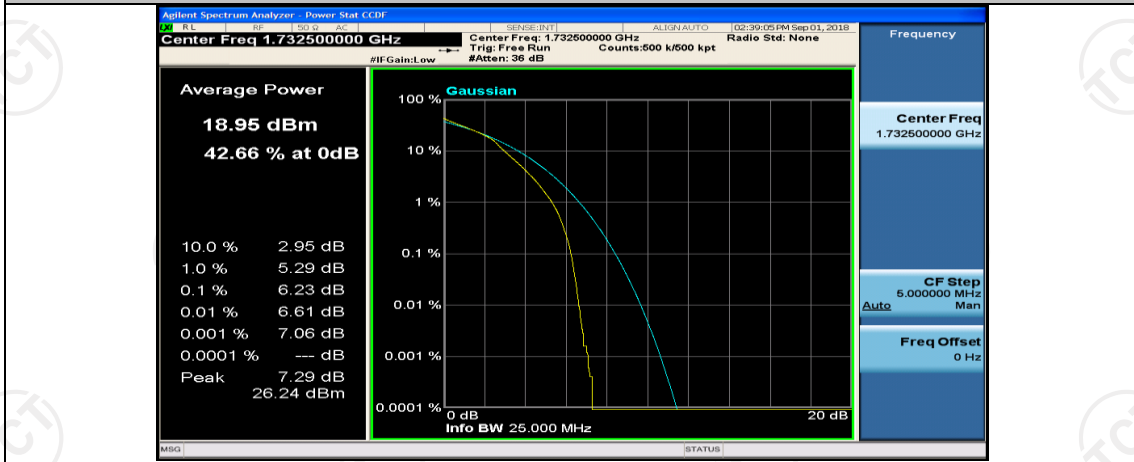
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



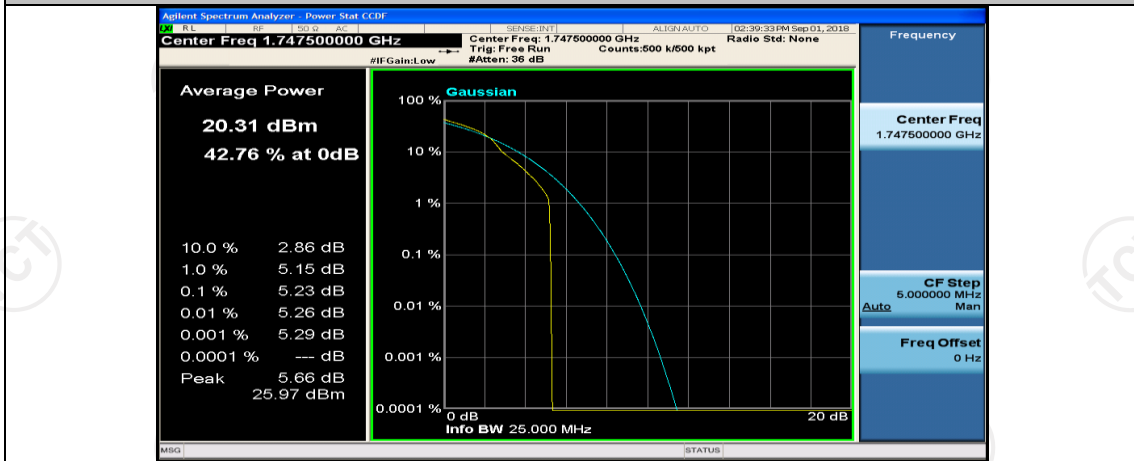
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



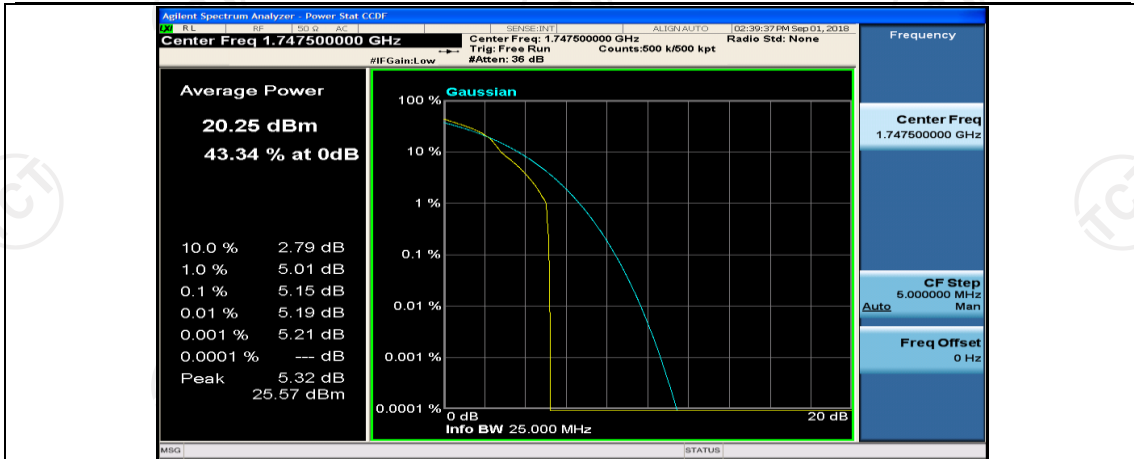
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



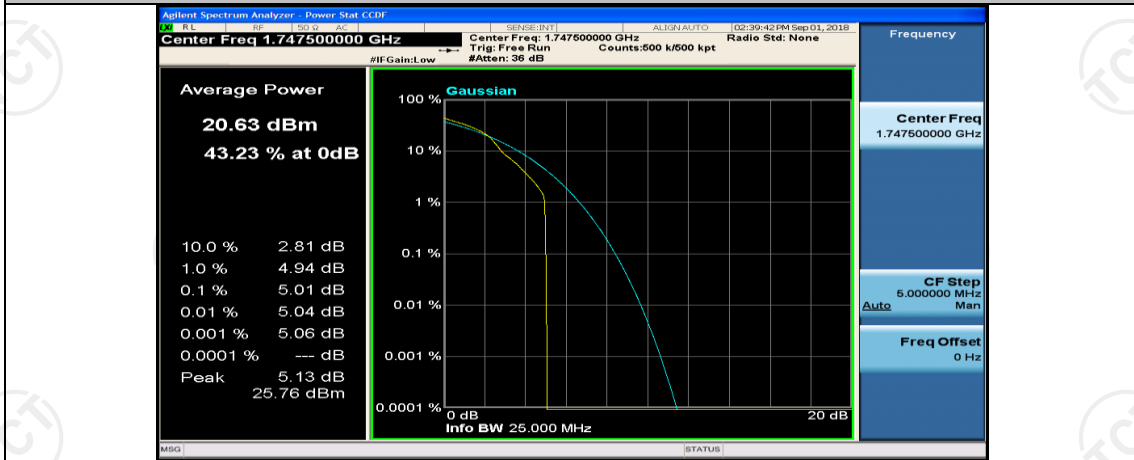
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



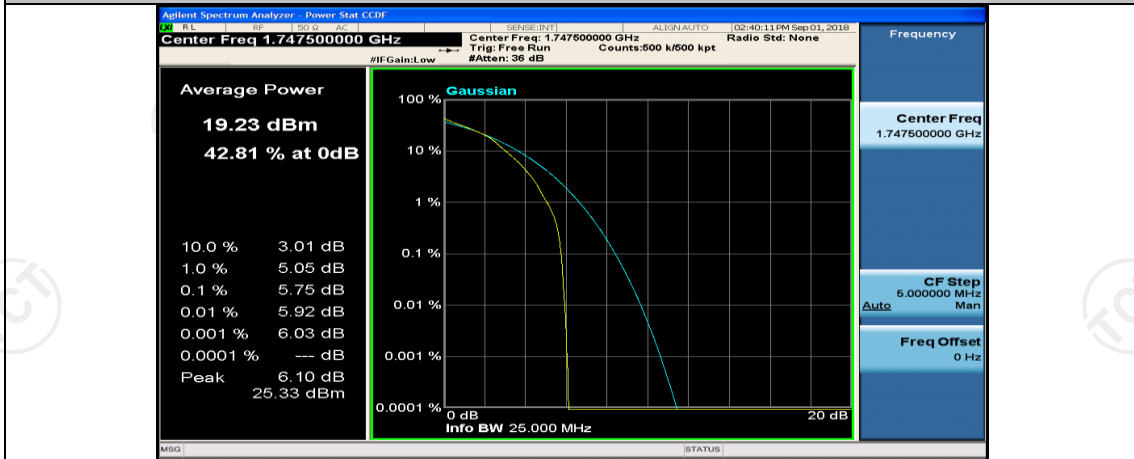
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



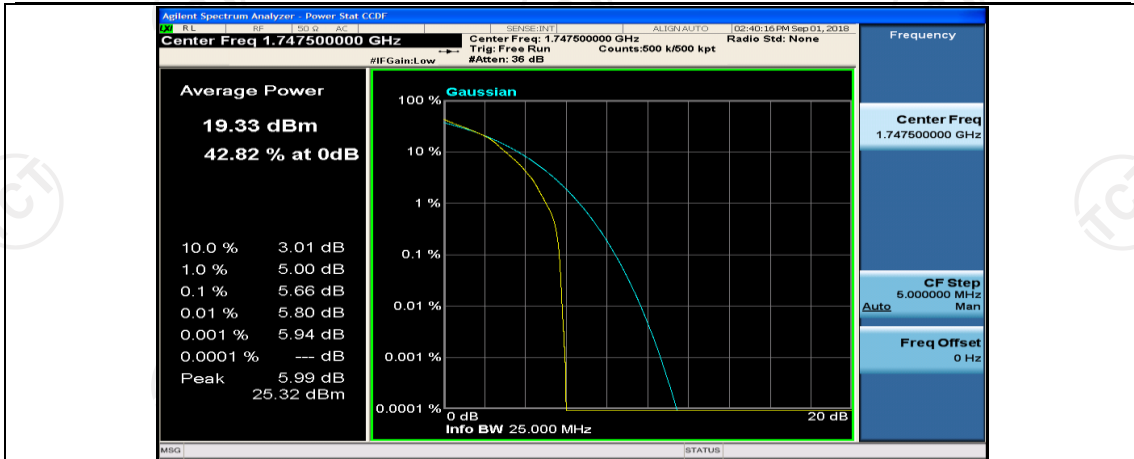
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



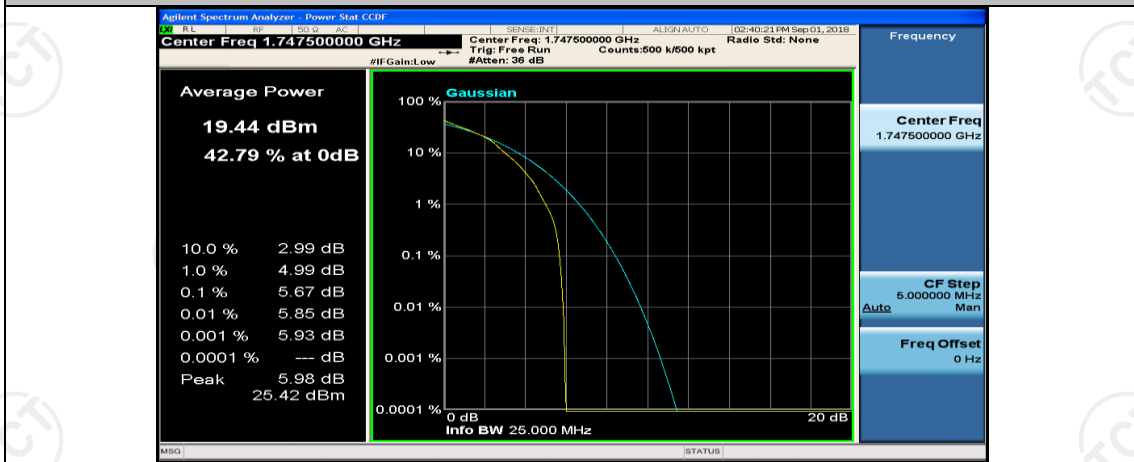
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



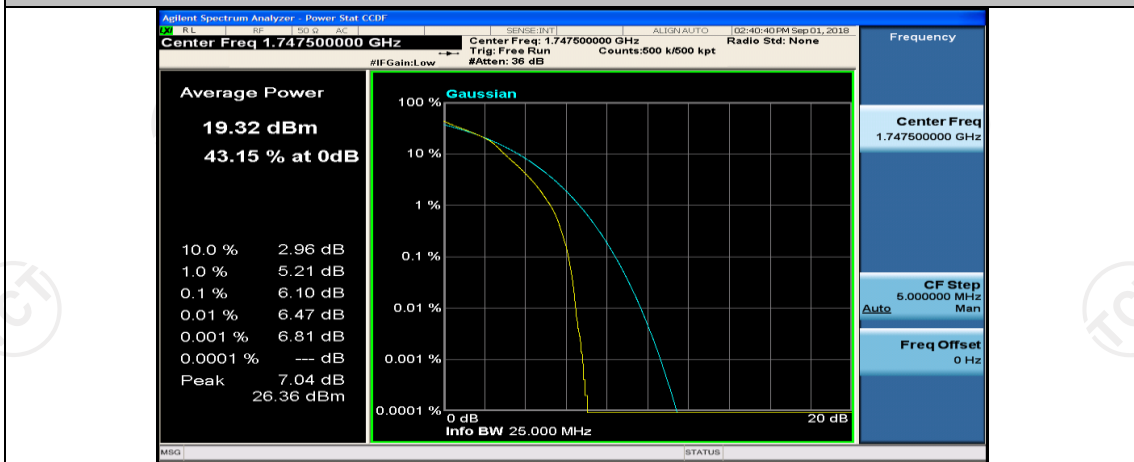
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38

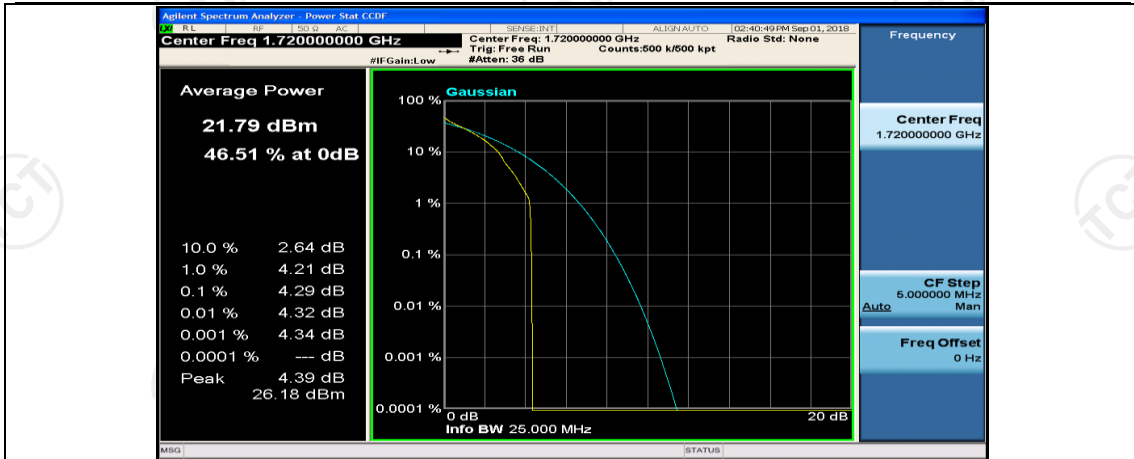


(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

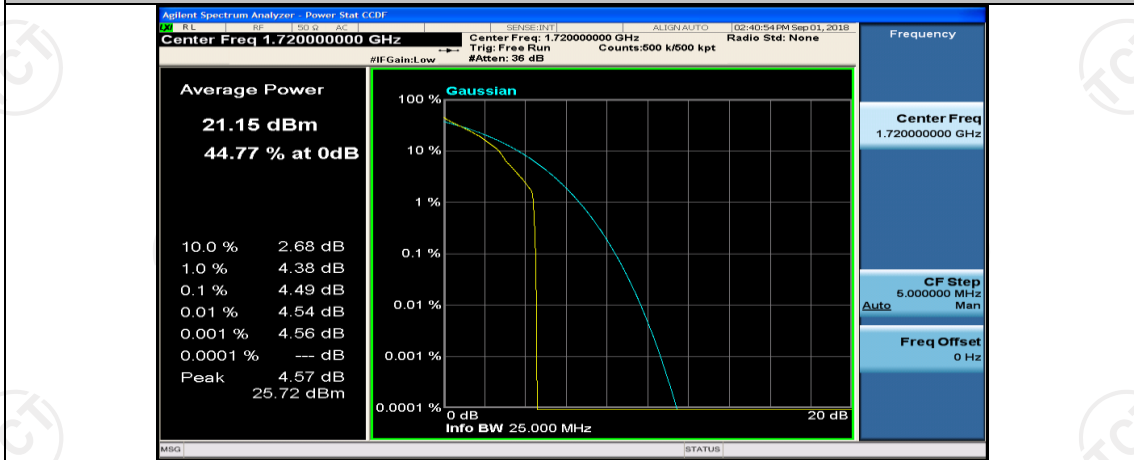


Channel Bandwidth: 20 MHz

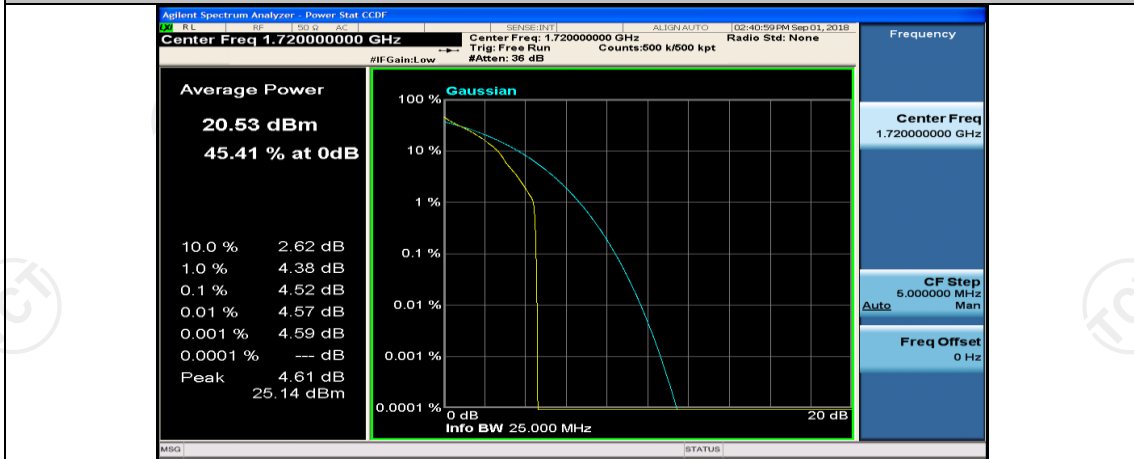
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



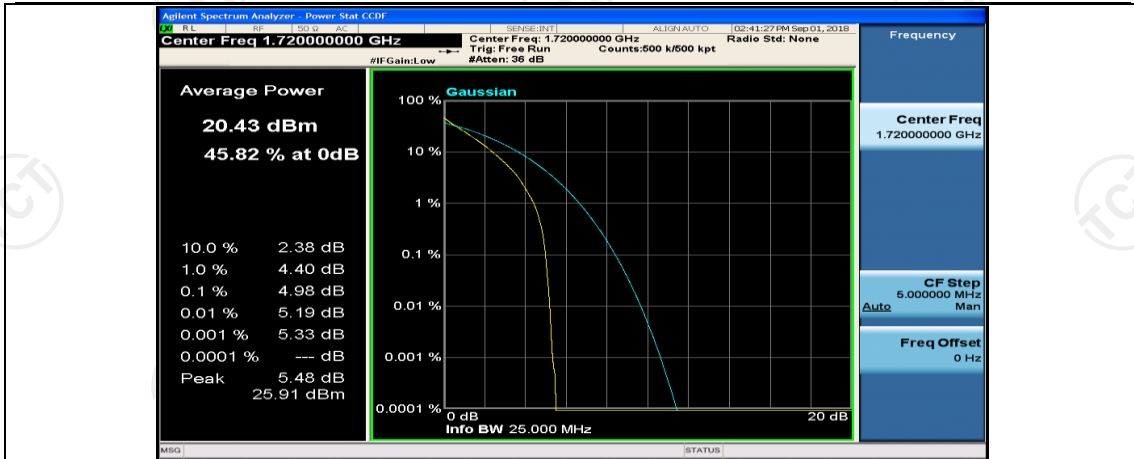
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49



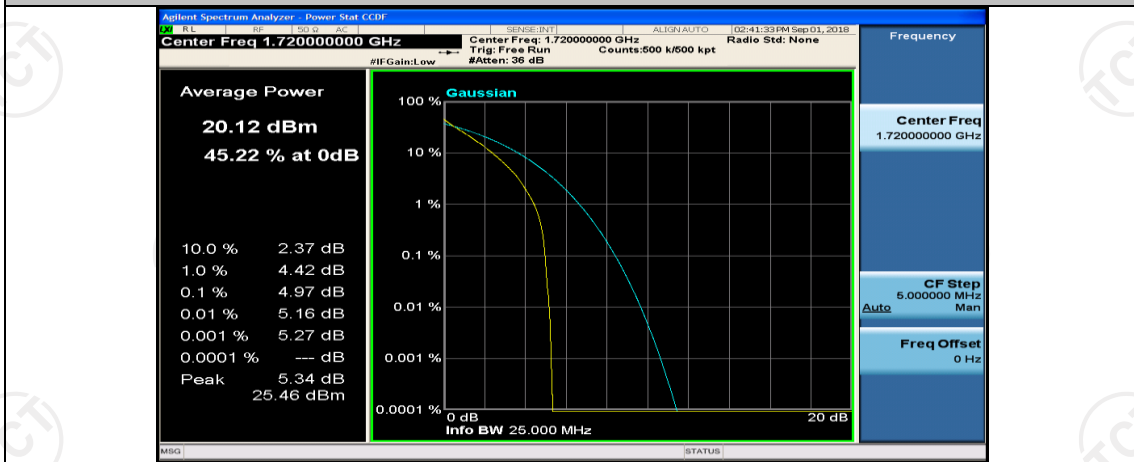
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99



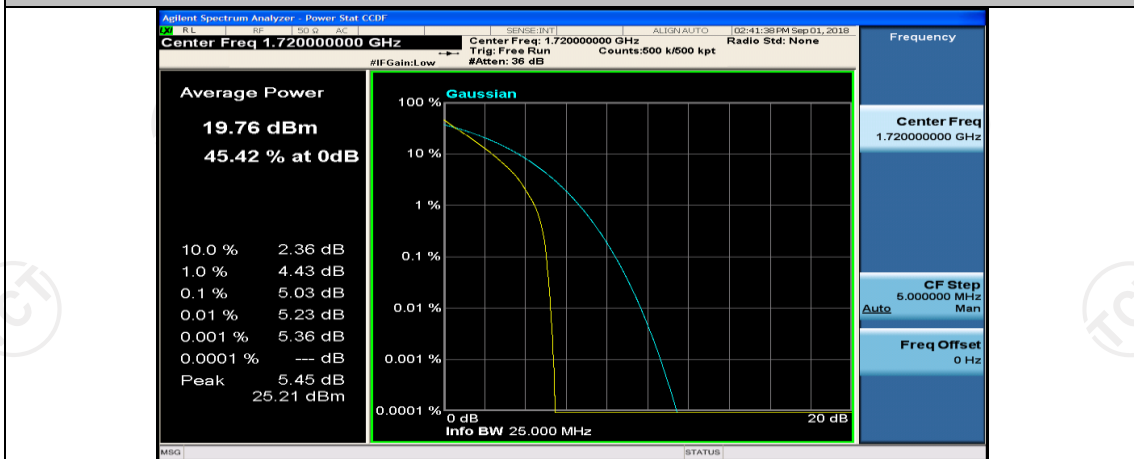
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0



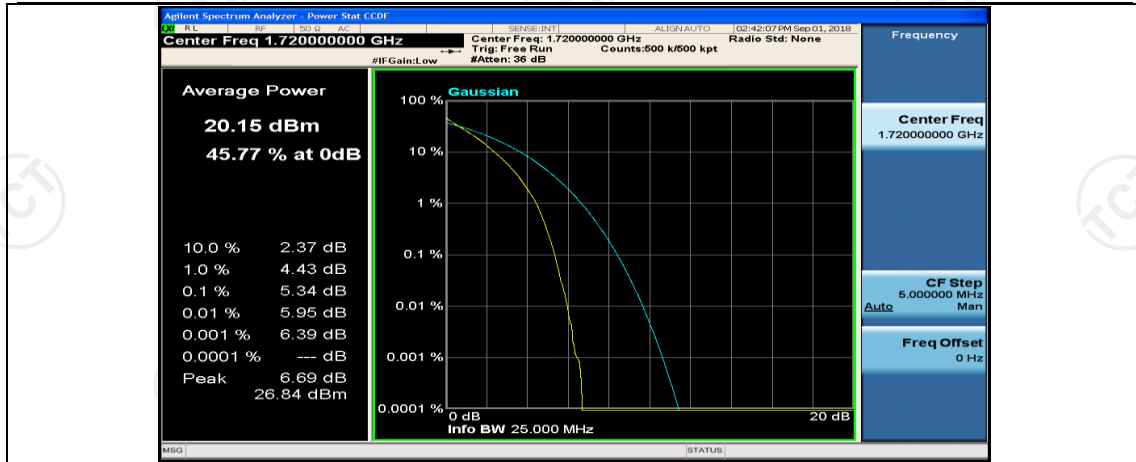
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



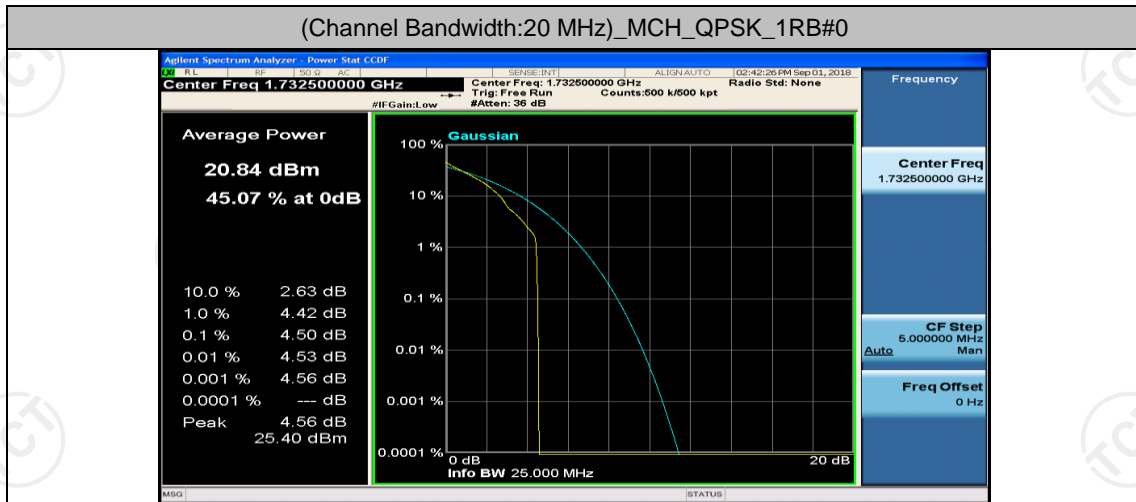
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



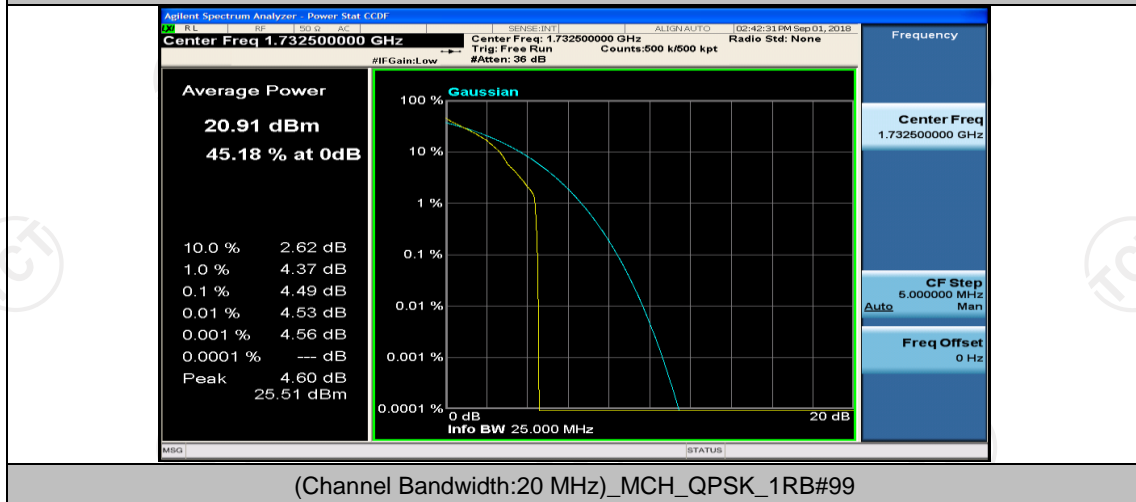
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



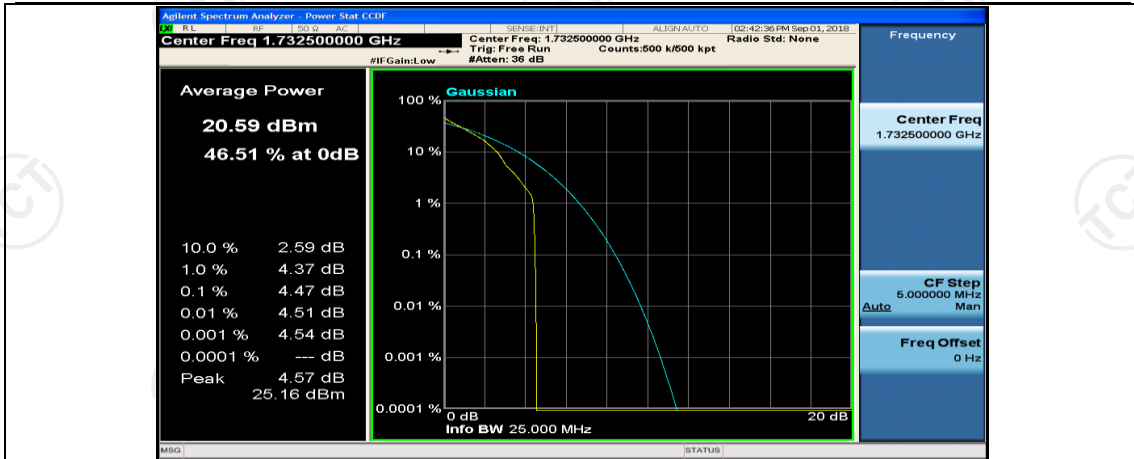
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



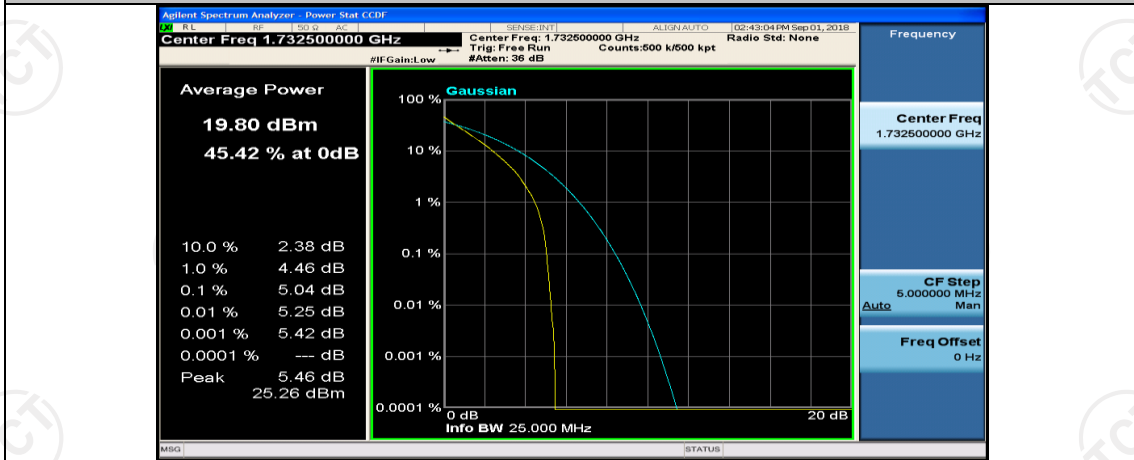
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



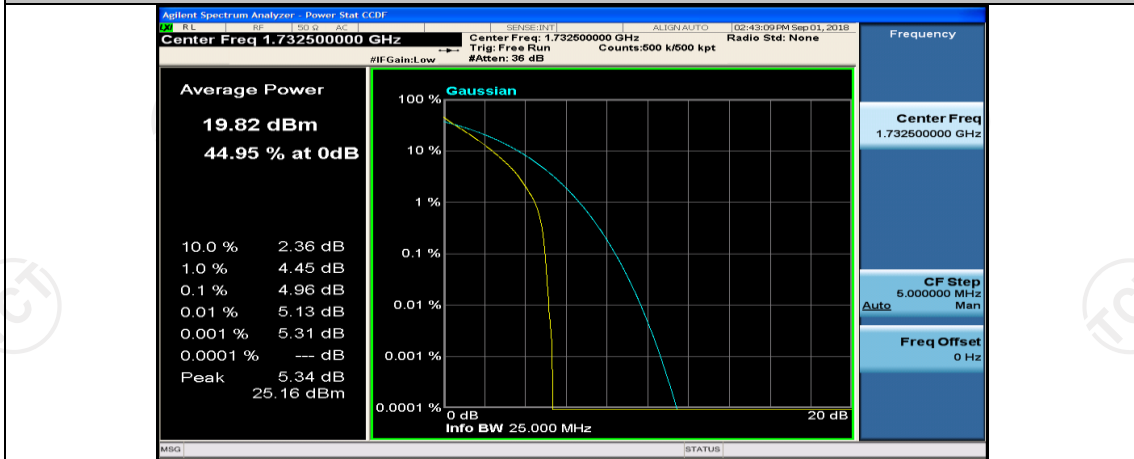
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99



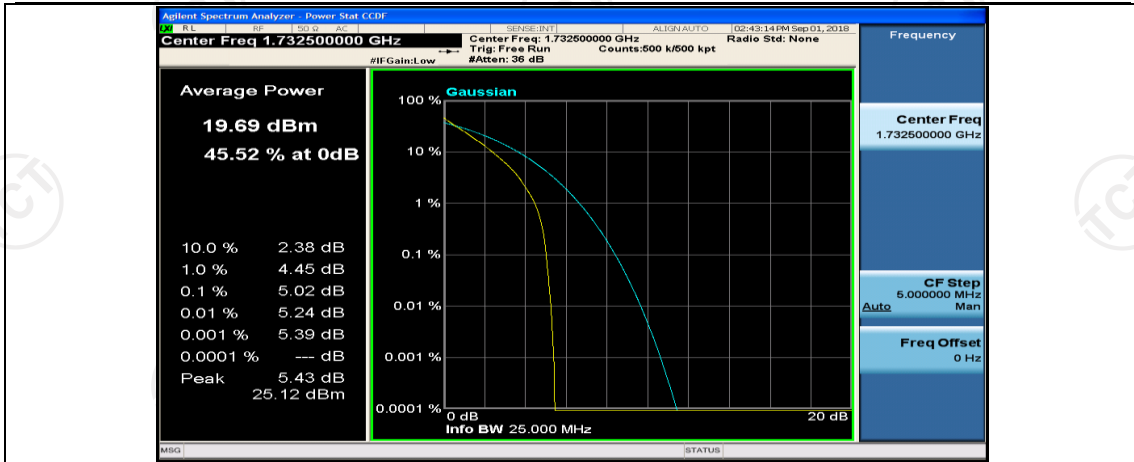
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0



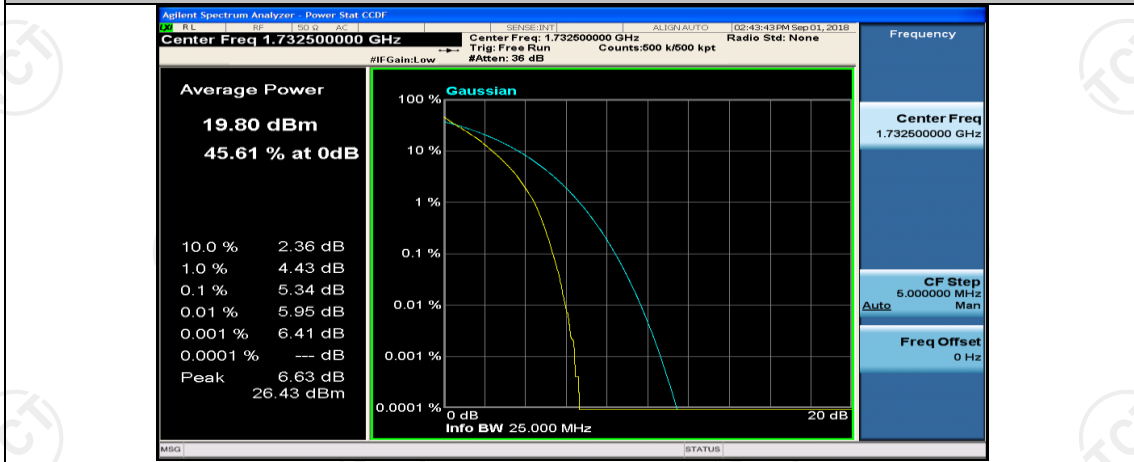
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25



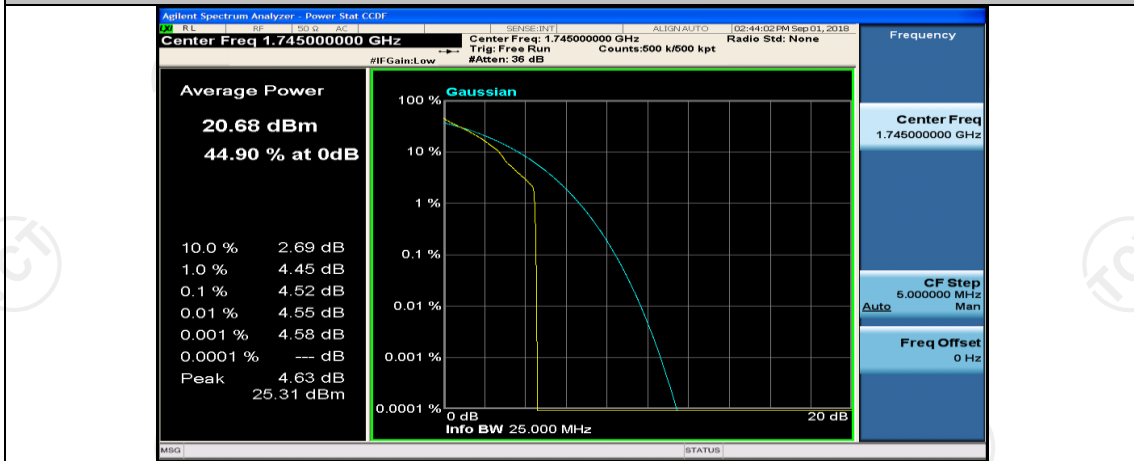
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50



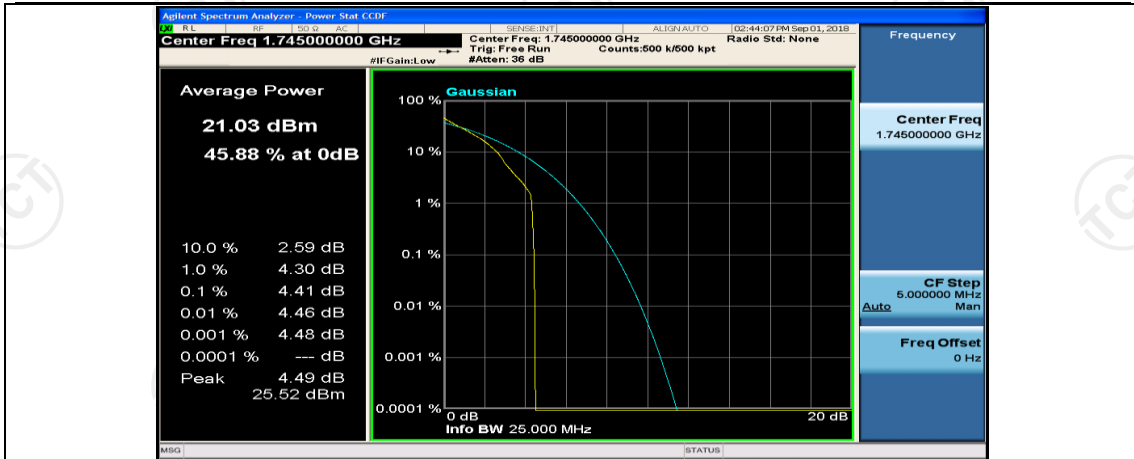
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



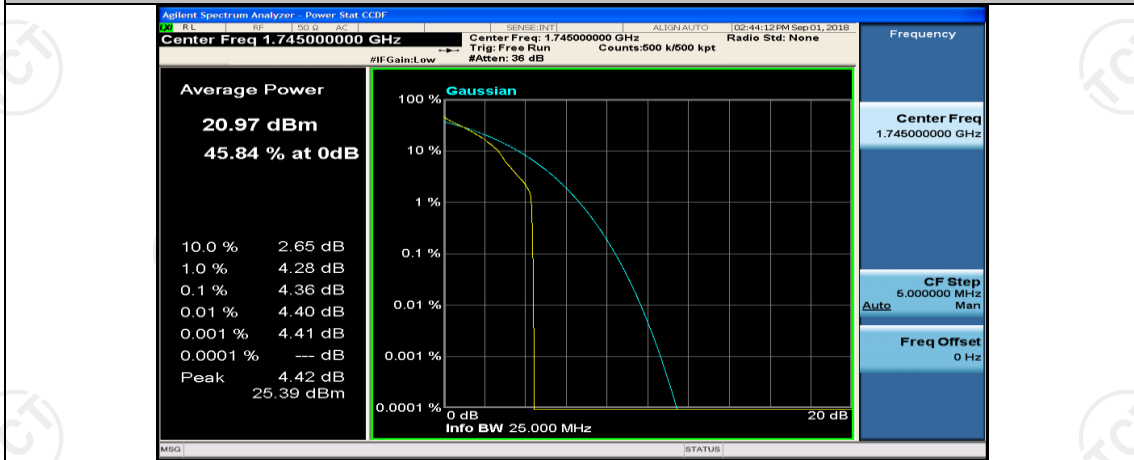
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



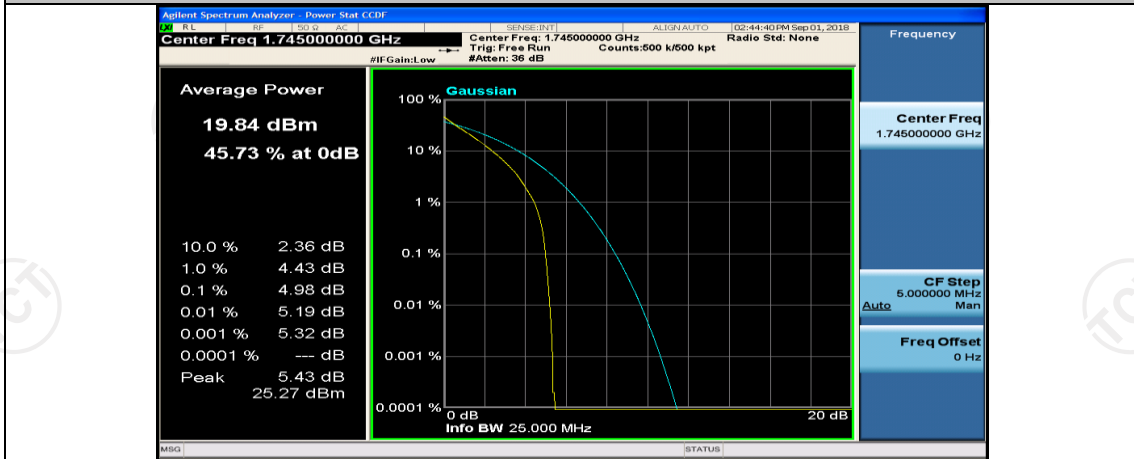
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49



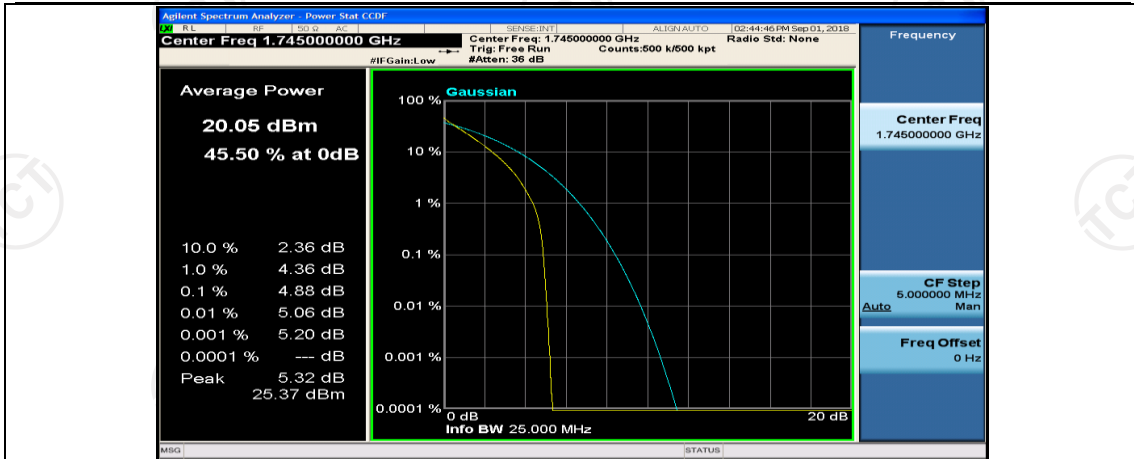
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99



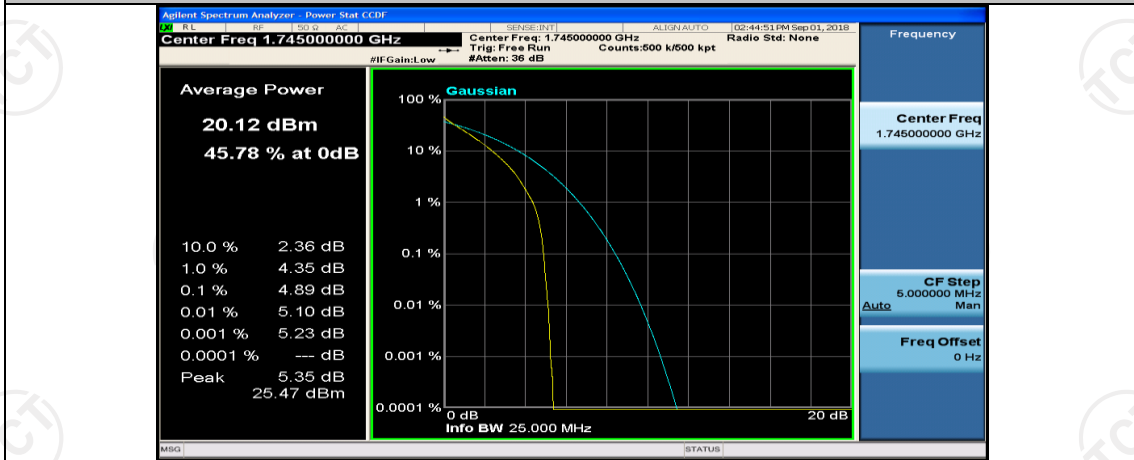
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0



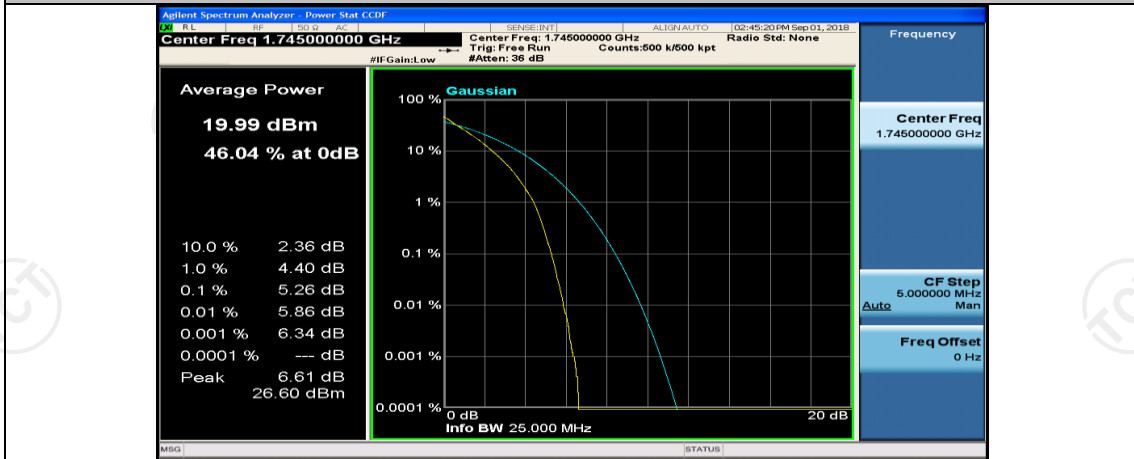
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25



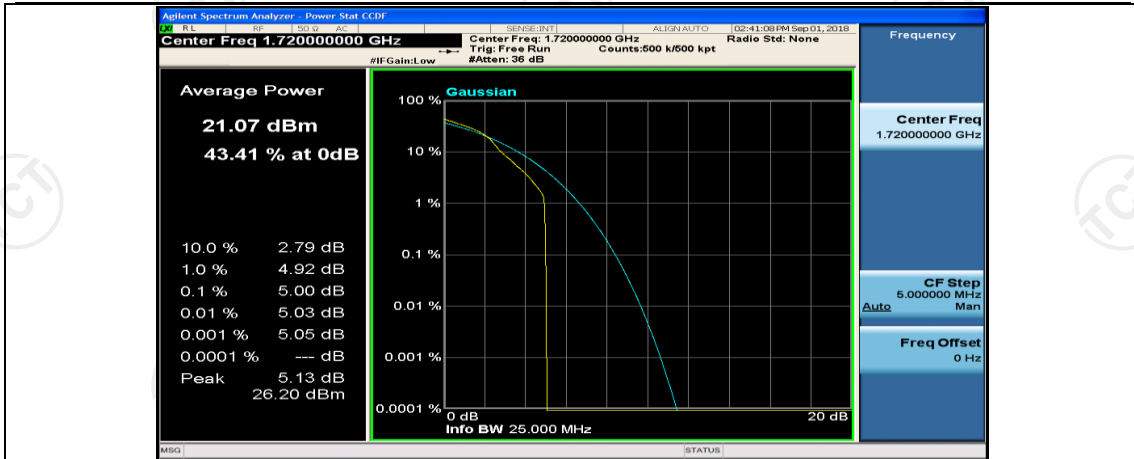
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50



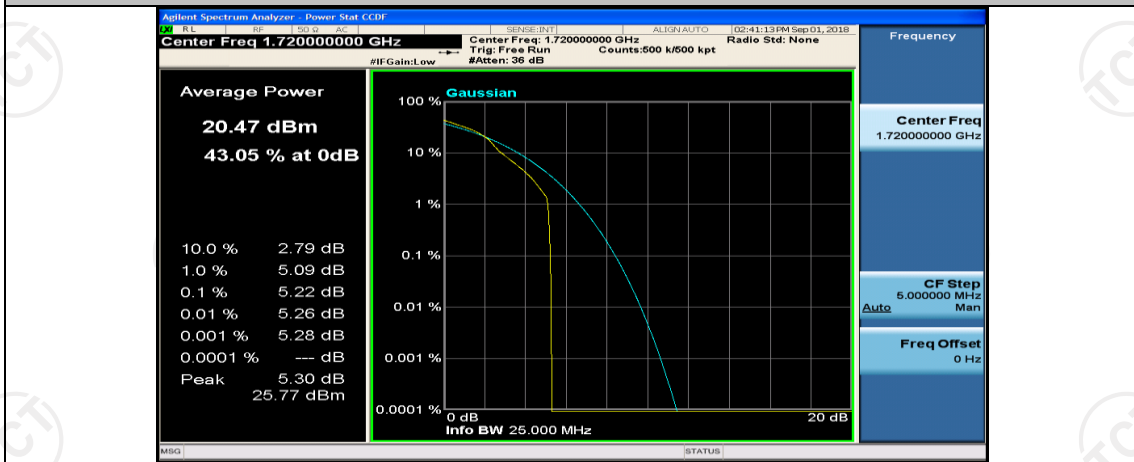
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



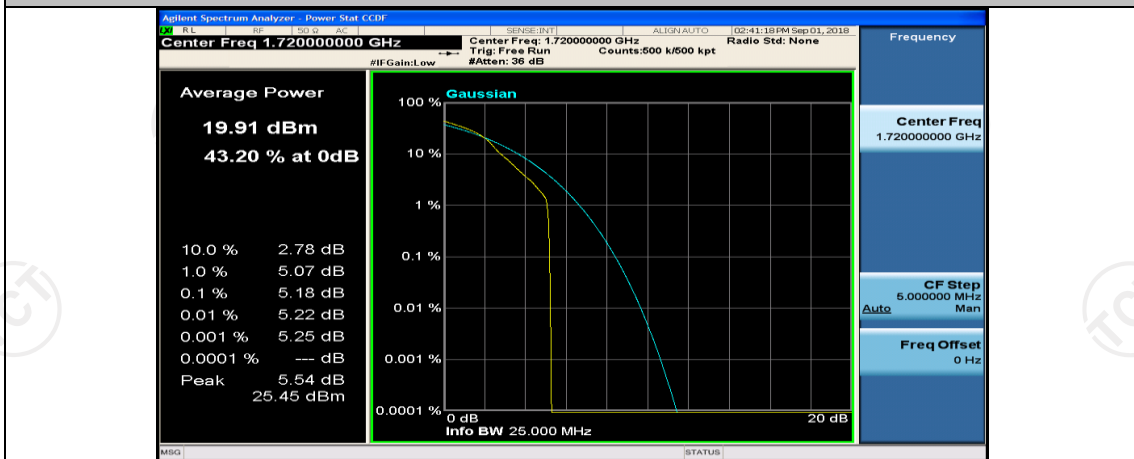
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



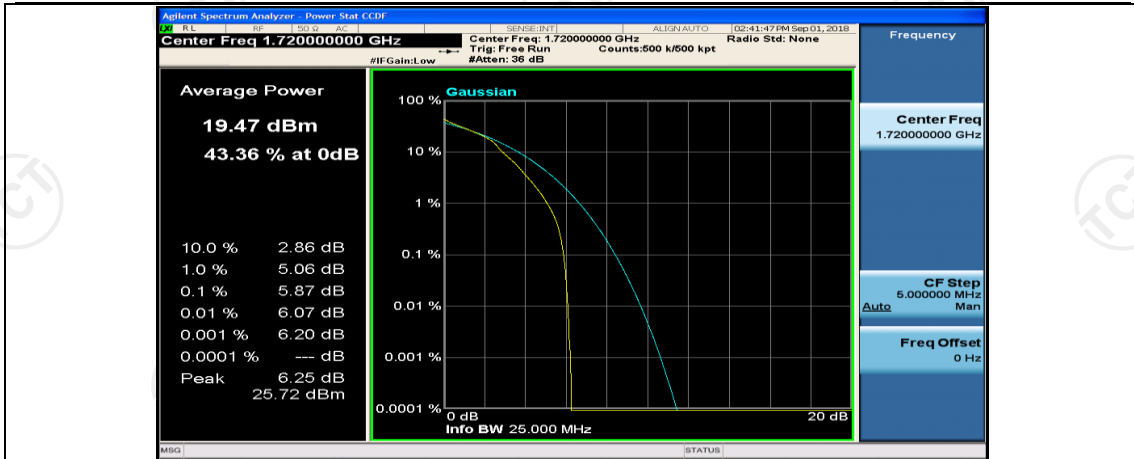
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



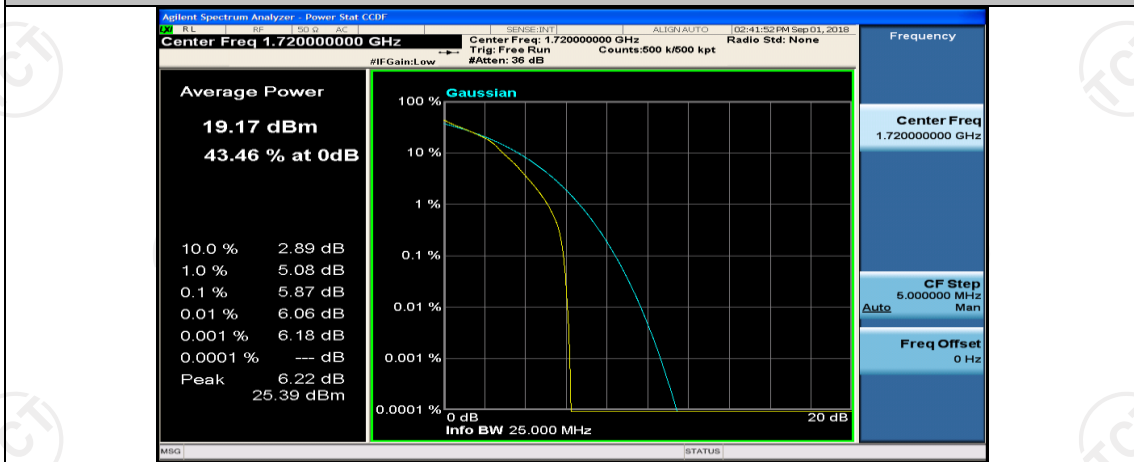
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99



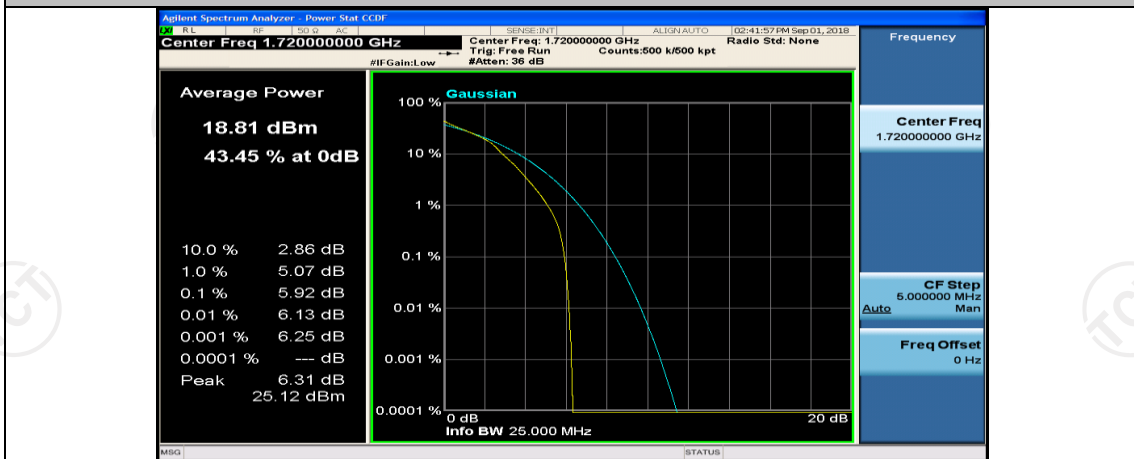
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0



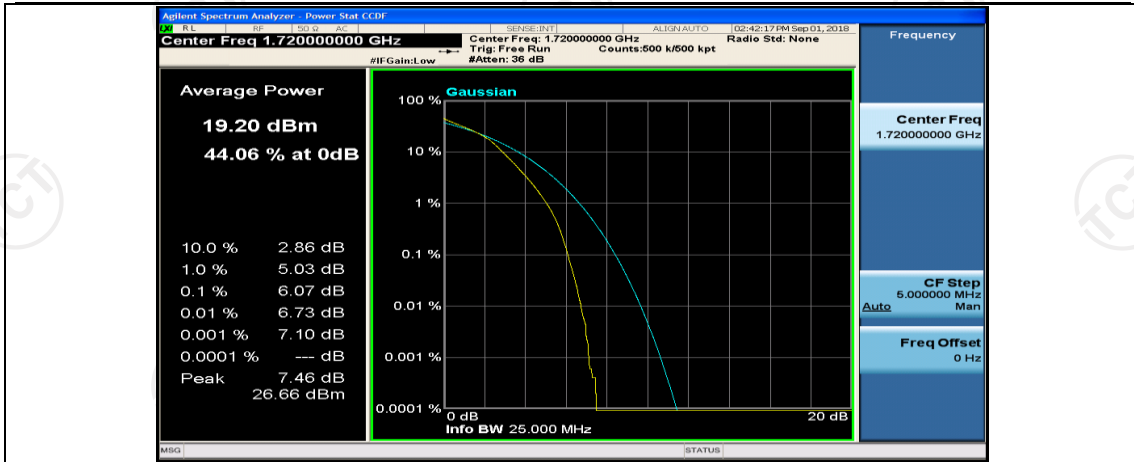
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25



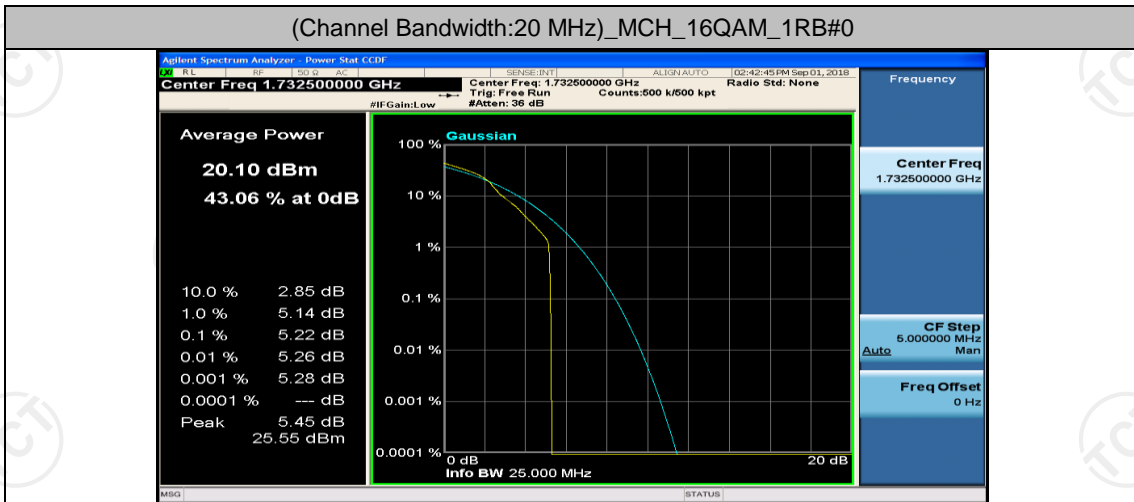
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50



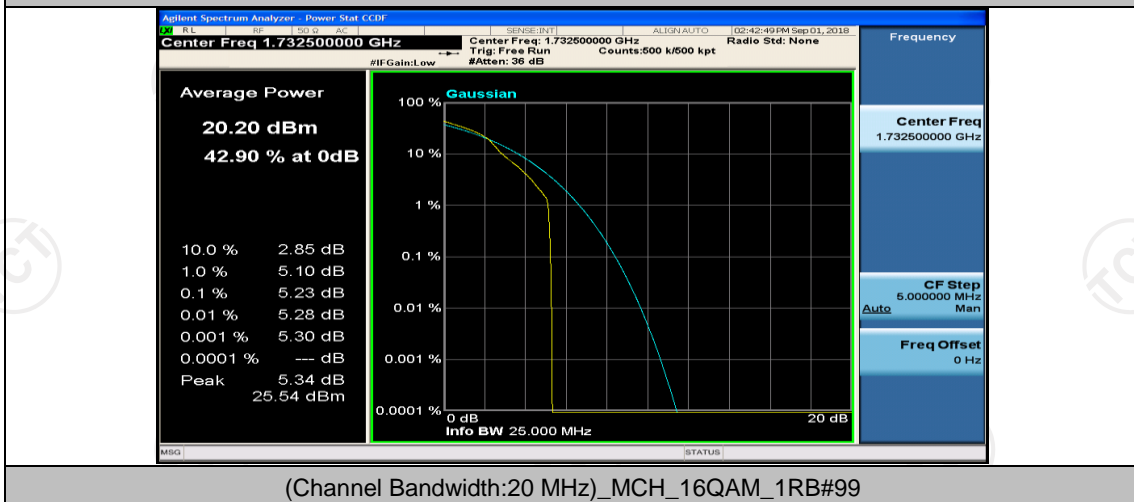
(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



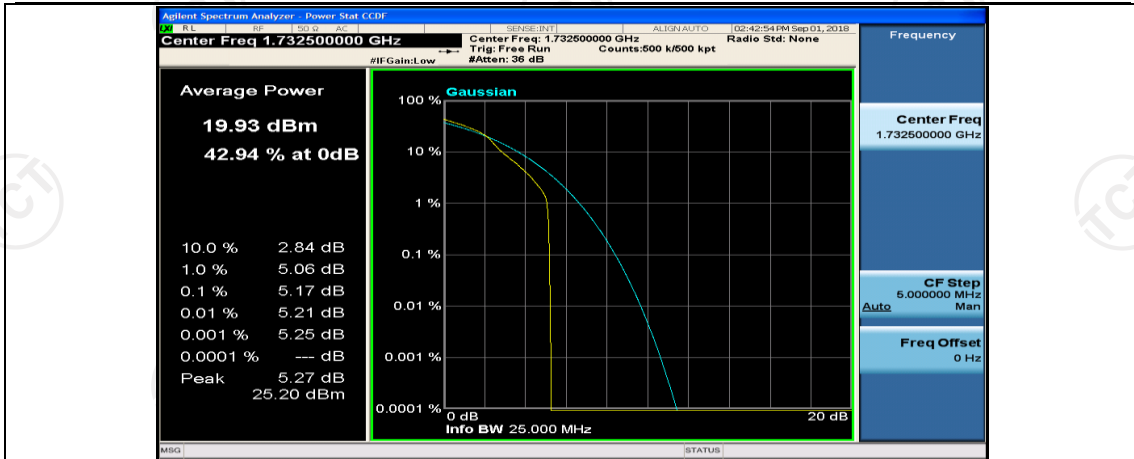
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0



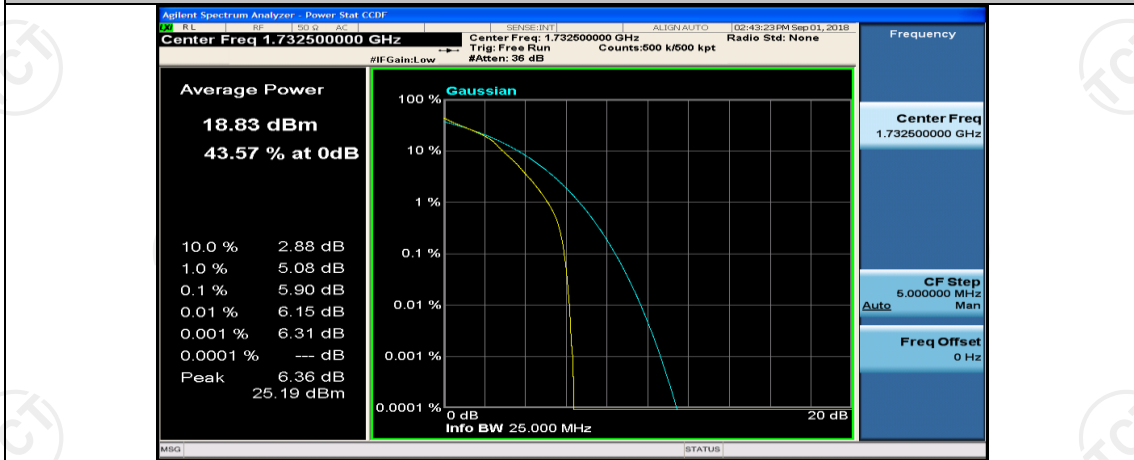
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49



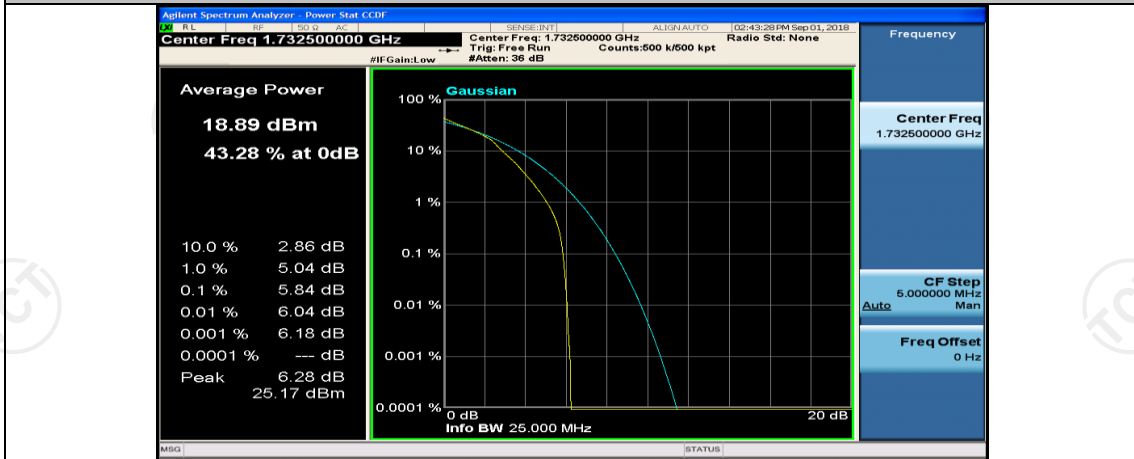
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99



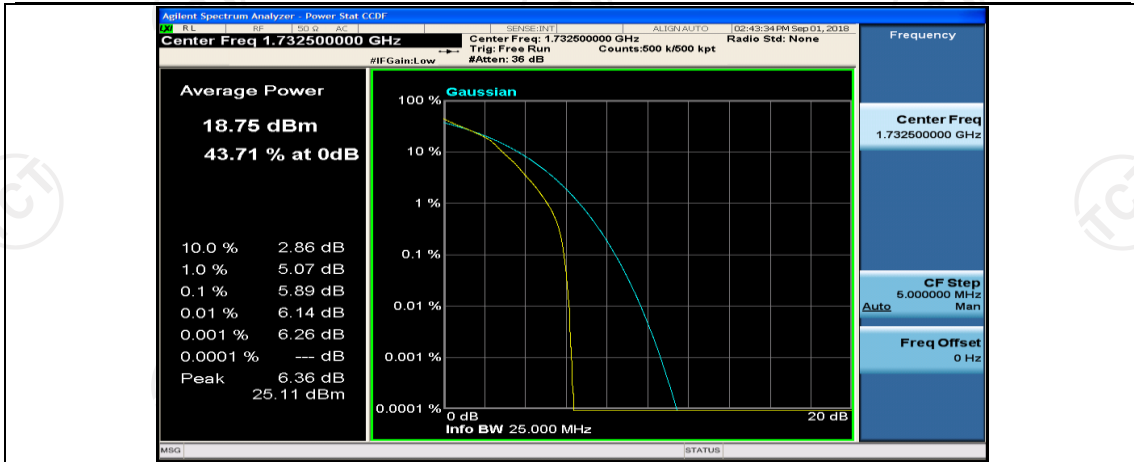
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0



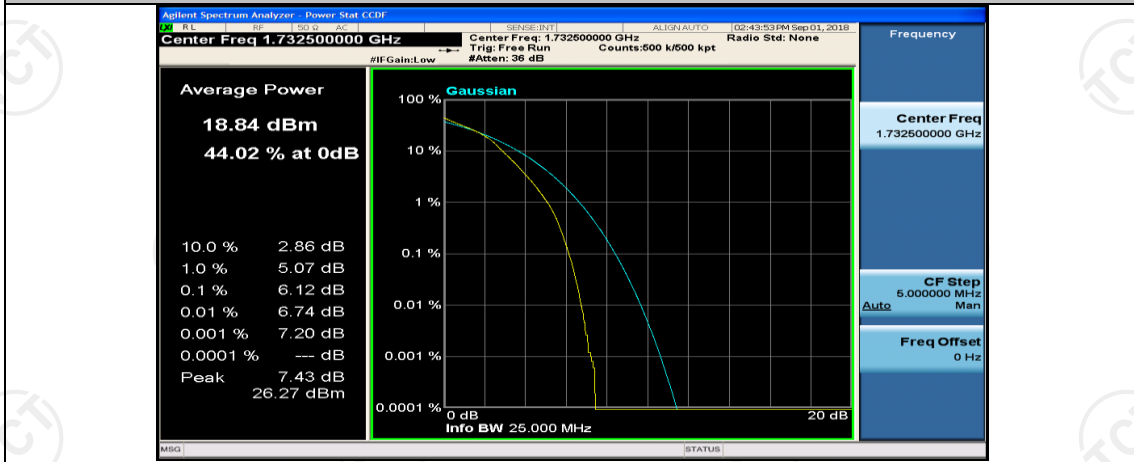
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25



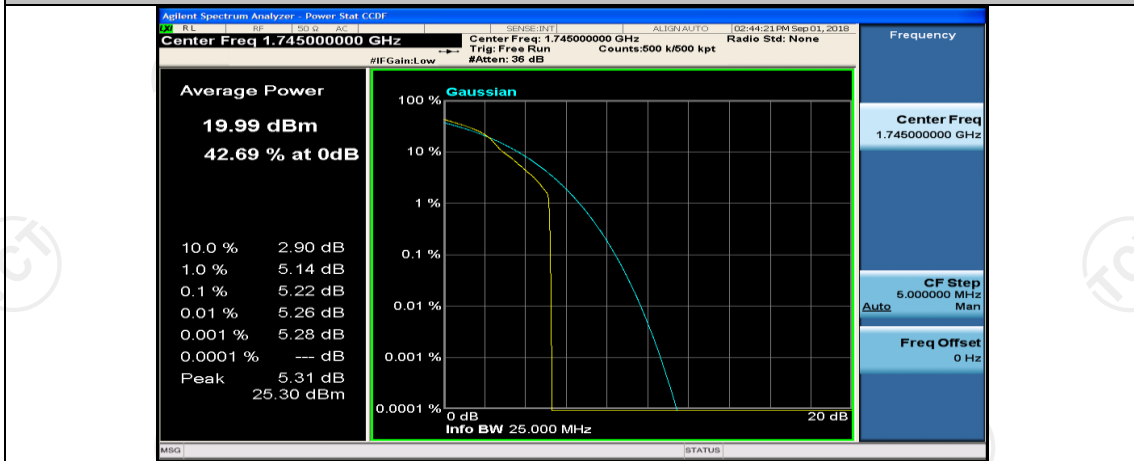
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50



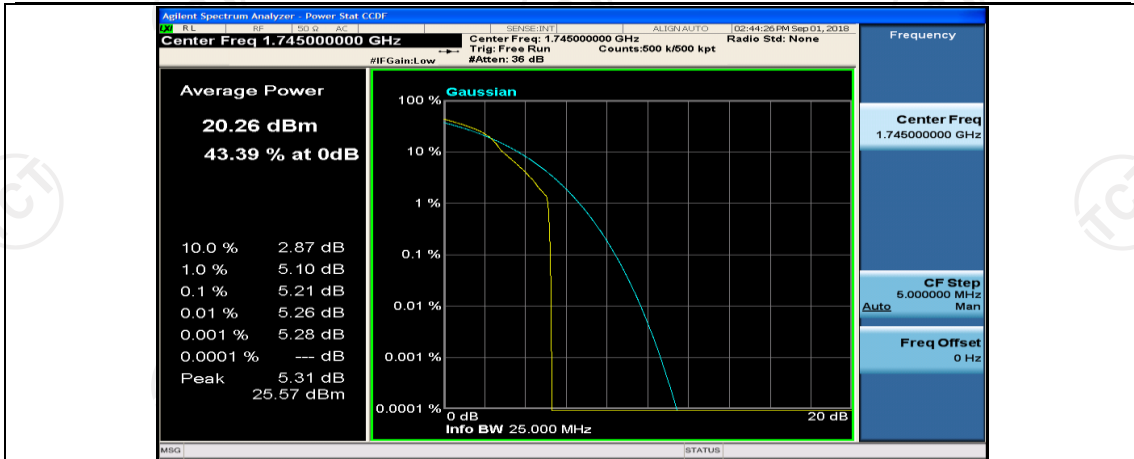
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



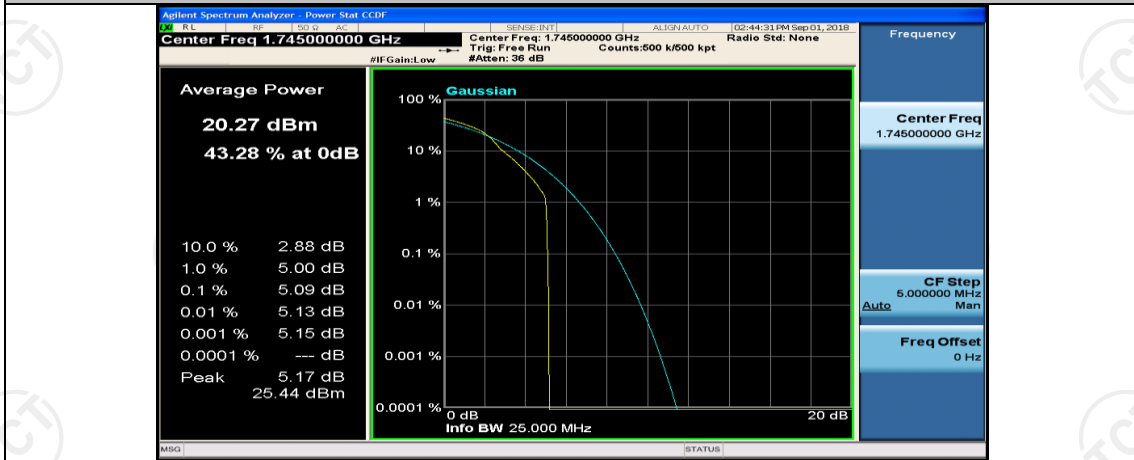
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



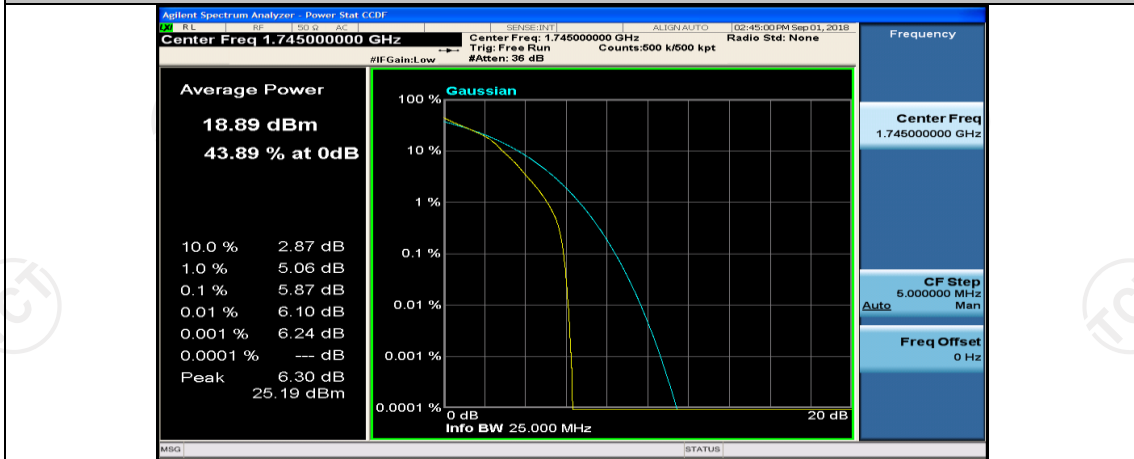
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



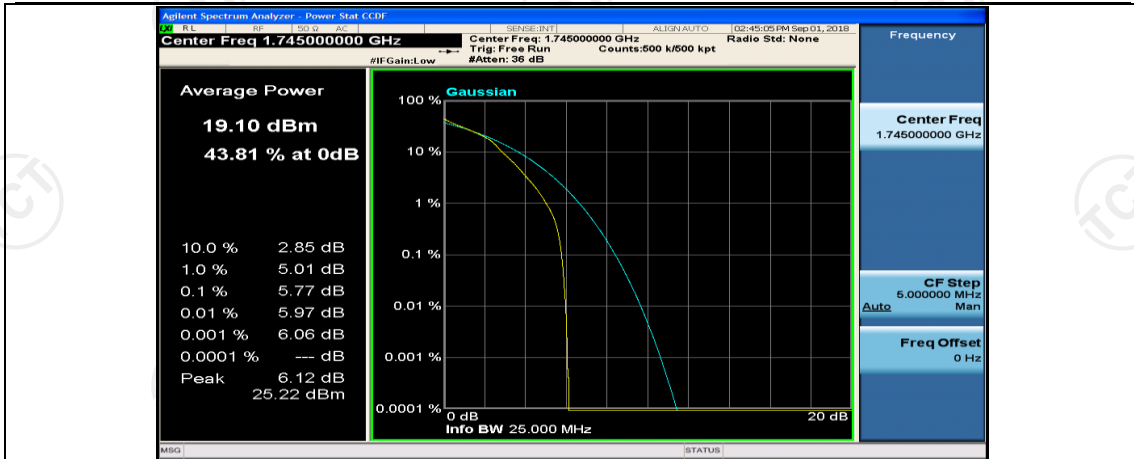
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



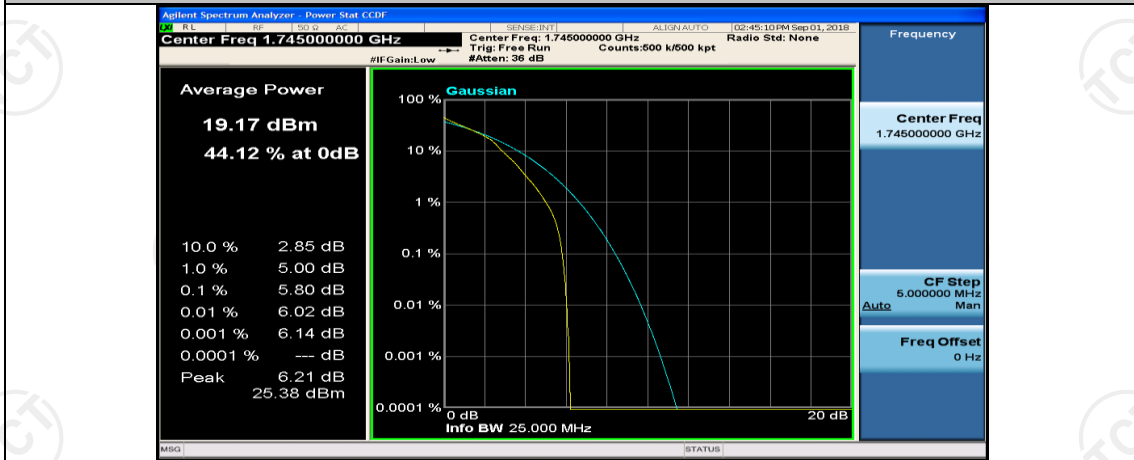
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



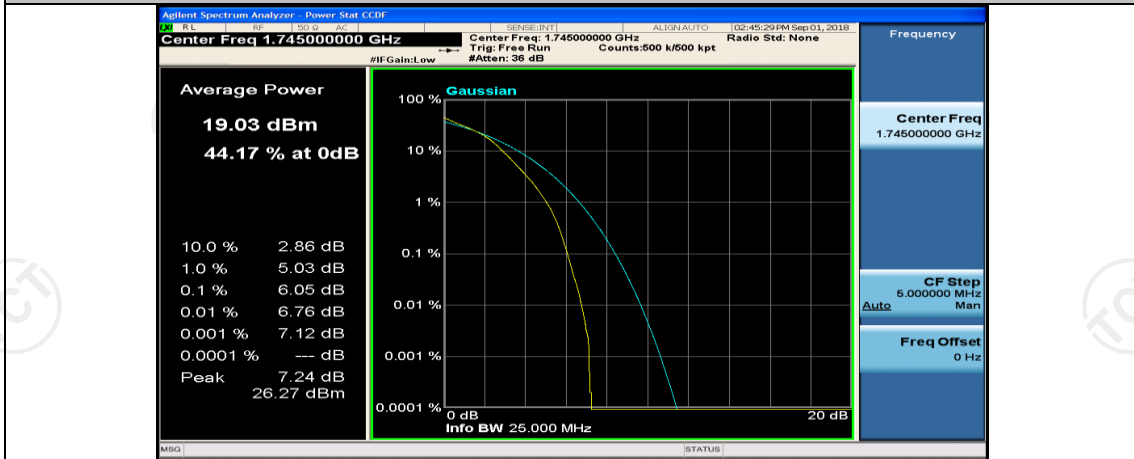
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



(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: 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	0.21384	0.3261	PASS
		1	3	0.26153	0.4382	PASS
		1	5	0.21471	0.3249	PASS
		3	0	0.55099	0.7210	PASS
		3	2	0.55935	0.8323	PASS
		3	3	0.55052	0.7209	PASS
		6	0	1.0756	1.215	PASS
	MCH	1	0	0.21006	0.3279	PASS
		1	3	0.27809	0.4697	PASS
		1	5	0.21381	0.3266	PASS
		3	0	0.55056	0.6924	PASS
		3	2	0.55805	0.7942	PASS
		3	3	0.55183	0.7354	PASS
		6	0	1.0786	1.231	PASS
	HCH	1	0	0.21573	0.3299	PASS
		1	3	0.29666	0.5087	PASS
		1	5	0.21347	0.3258	PASS
		3	0	0.55250	0.7273	PASS
		3	2	0.55898	0.8256	PASS
		3	3	0.55025	0.7293	PASS
		6	0	1.0772	1.253	PASS
16QAM	LCH	1	0	0.21305	0.3406	PASS
		1	3	0.27610	0.4814	PASS
		1	5	0.21643	0.3346	PASS
		3	0	0.55393	0.7276	PASS
		3	2	0.56808	0.8590	PASS
		3	3	0.55685	0.7488	PASS
		6	0	1.0799	1.244	PASS
	MCH	1	0	0.21552	0.3213	PASS
		1	3	0.29786	0.5237	PASS
		1	5	0.21778	0.3337	PASS
		3	0	0.55075	0.7134	PASS

		3	2	0.55662	0.8211	PASS
		3	3	0.54978	0.7000	PASS
		6	0	1.0785	1.232	PASS
	HCH	1	0	0.22078	0.3388	PASS
		1	3	0.29095	0.4963	PASS
		1	5	0.22623	0.3509	PASS
		3	0	0.55542	0.7329	PASS
		3	2	0.56742	0.8553	PASS
		3	3	0.55411	0.7528	PASS
		6	0	1.0825	1.255	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	0.24135	0.3512	PASS
		1	7	0.32657	0.4989	PASS
		1	14	0.23690	0.3620	PASS
		8	0	1.4455	1.666	PASS
		8	4	1.4489	1.824	PASS
		8	7	1.4494	1.681	PASS
		15	0	2.6812	2.902	PASS
	MCH	1	0	0.23761	0.3650	PASS
		1	7	0.32314	0.4797	PASS
		1	14	0.23469	0.3616	PASS
		8	0	1.4456	1.651	PASS
		8	4	1.4530	1.834	PASS
		8	7	1.4508	1.647	PASS
		15	0	2.6868	2.888	PASS
	HCH	1	0	0.23395	0.3590	PASS
		1	7	0.34596	0.5613	PASS
		1	14	0.23428	0.3492	PASS
		8	0	1.4464	1.661	PASS
		8	4	1.4505	1.791	PASS
		8	7	1.4505	1.685	PASS
		15	0	2.6824	2.866	PASS
16QAM	LCH	1	0	0.23774	0.3643	PASS
		1	7	0.34266	0.5434	PASS
		1	14	0.23369	0.3342	PASS

		8	0	1.4445	1.670	PASS
		8	4	1.4538	1.827	PASS
		8	7	1.4408	1.676	PASS
		15	0	2.6864	2.891	PASS
	MCH	1	0	0.23716	0.3641	PASS
		1	7	0.32786	0.4874	PASS
		1	14	0.23257	0.3414	PASS
		8	0	1.4448	1.634	PASS
		8	4	1.4494	1.864	PASS
		8	7	1.4456	1.668	PASS
		15	0	2.6900	2.895	PASS
	HCH	1	0	0.23621	0.3602	PASS
		1	7	0.33561	0.4816	PASS
		1	14	0.23737	0.3606	PASS
		8	0	1.4453	1.688	PASS
		8	4	1.4494	1.792	PASS
		8	7	1.4451	1.695	PASS
		15	0	2.6814	2.898	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	0.28791	0.4646	PASS
		1	12	0.40430	0.6219	PASS
		1	24	0.29367	0.4607	PASS
		12	0	2.1710	2.574	PASS
		12	6	2.1779	2.704	PASS
		12	13	2.1737	2.535	PASS
		25	0	4.4791	4.814	PASS
	MCH	1	0	0.28766	0.4480	PASS
		1	12	0.40430	0.6746	PASS
		1	24	0.28274	0.4651	PASS
		12	0	2.1746	2.493	PASS
		12	6	2.1830	2.740	PASS
		12	13	2.1755	2.539	PASS
		25	0	4.4738	4.817	PASS
	HCH	1	0	0.28737	0.4399	PASS
		1	12	0.40546	0.6499	PASS

16QAM		1	24	0.29118	0.4538	PASS
		12	0	2.1727	2.531	PASS
		12	6	2.1771	2.836	PASS
		12	13	2.1680	2.528	PASS
		25	0	4.4833	4.800	PASS
	LCH	1	0	0.29297	0.4478	PASS
		1	12	0.41945	0.6696	PASS
		1	24	0.29469	0.4319	PASS
		12	0	2.1788	2.525	PASS
		12	6	2.1892	2.759	PASS
		12	13	2.1801	2.486	PASS
		25	0	4.4864	4.811	PASS
	MCH	1	0	0.28361	0.4184	PASS
		1	12	0.39492	0.5610	PASS
		1	24	0.28923	0.4418	PASS
		12	0	2.1841	2.532	PASS
		12	6	2.1889	2.725	PASS
		12	13	2.1792	2.544	PASS
		25	0	4.4804	4.801	PASS
	HCH	1	0	0.28902	0.4576	PASS
		1	12	0.43434	0.6403	PASS
		1	24	0.29342	0.4520	PASS
		12	0	2.1761	2.502	PASS
		12	6	2.1869	2.700	PASS
		12	13	2.1733	2.503	PASS
25		0	4.4783	4.856	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	0.38467	0.5948	PASS
		1	25	0.48013	0.7492	PASS
		1	49	0.38873	0.5508	PASS
		25	0	4.5175	5.006	PASS
		25	12	4.5225	5.170	PASS
		25	25	4.5189	4.984	PASS
		50	0	8.9575	9.514	PASS
	MCH	1	0	0.38517	0.5441	PASS
		1	25	0.50442	0.7759	PASS
		1	49	0.38048	0.5341	PASS

		25	0	4.5111	4.973	PASS	
		25	12	4.5173	5.205	PASS	
		25	25	4.5194	4.927	PASS	
		50	0	8.9424	9.446	PASS	
	HCH	1	0	0.38072	0.5667	PASS	
		1	25	0.49860	0.7394	PASS	
		1	49	0.38276	0.5693	PASS	
		25	0	4.5133	5.009	PASS	
		25	12	4.5257	5.048	PASS	
		25	25	4.5074	5.059	PASS	
		50	0	8.9490	9.455	PASS	
		16QAM	LCH	1	0	0.38583	0.5623
	1			25	0.48854	0.7281	PASS
1	49			0.38152	0.5901	PASS	
25	0			4.5162	5.000	PASS	
25	12			4.5150	5.102	PASS	
25	25			4.5143	4.958	PASS	
50	0			8.9430	9.479	PASS	
MCH	1		0	0.38323	0.5650	PASS	
	1		25	0.47333	0.6984	PASS	
	1		49	0.38746	0.5683	PASS	
	25		0	4.5158	5.006	PASS	
	25		12	4.5173	5.092	PASS	
	25		25	4.5144	4.998	PASS	
	50		0	8.9488	9.552	PASS	
HCH	1		0	0.37983	0.5917	PASS	
	1		25	0.51146	0.7512	PASS	
	1		49	0.38385	0.5663	PASS	
	25		0	4.5183	5.028	PASS	
	25		12	4.5184	5.221	PASS	
	25		25	4.5168	5.033	PASS	
	50		0	8.9301	9.423	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	0.49581	0.7064	PASS
		1	37	0.59370	0.9177	PASS
		1	74	0.48506	0.7140	PASS
		37	0	6.4875	7.037	PASS

		37	18	6.4999	7.491	PASS	
		37	38	6.4872	7.086	PASS	
		75	0	13.395	14.00	PASS	
	MCH	1	0	0.48876	0.7379	PASS	
		1	37	0.57894	0.8214	PASS	
		1	74	0.50038	0.7010	PASS	
		37	0	6.5053	7.032	PASS	
		37	18	6.4986	7.363	PASS	
		37	38	6.5007	7.145	PASS	
		75	0	13.404	14.11	PASS	
		HCH	1	0	0.49334	0.7439	PASS
	1		37	0.58009	0.8297	PASS	
	1		74	0.49026	0.7091	PASS	
	37		0	6.4786	7.078	PASS	
	37		18	6.4937	7.288	PASS	
	37		38	6.4829	7.172	PASS	
	75		0	13.403	14.06	PASS	
	16QAM	LCH	1	0	0.50603	0.7642	PASS
			1	37	0.60139	0.8212	PASS
			1	74	0.48900	0.6951	PASS
			37	0	6.4914	7.028	PASS
37			18	6.5013	7.274	PASS	
37			38	6.4908	7.050	PASS	
75			0	13.410	14.01	PASS	
MCH		1	0	0.49376	0.6935	PASS	
		1	37	0.55477	0.8408	PASS	
		1	74	0.49742	0.6961	PASS	
		37	0	6.4898	7.063	PASS	
		37	18	6.5134	7.545	PASS	
		37	38	6.4986	7.092	PASS	
		75	0	13.400	14.03	PASS	
HCH		1	0	0.48998	0.7348	PASS	
		1	37	0.56647	0.8070	PASS	
		1	74	0.49430	0.6849	PASS	
		37	0	6.4916	7.119	PASS	
		37	18	6.4983	7.576	PASS	
		37	38	6.4864	7.162	PASS	
		75	0	13.402	14.10	PASS	

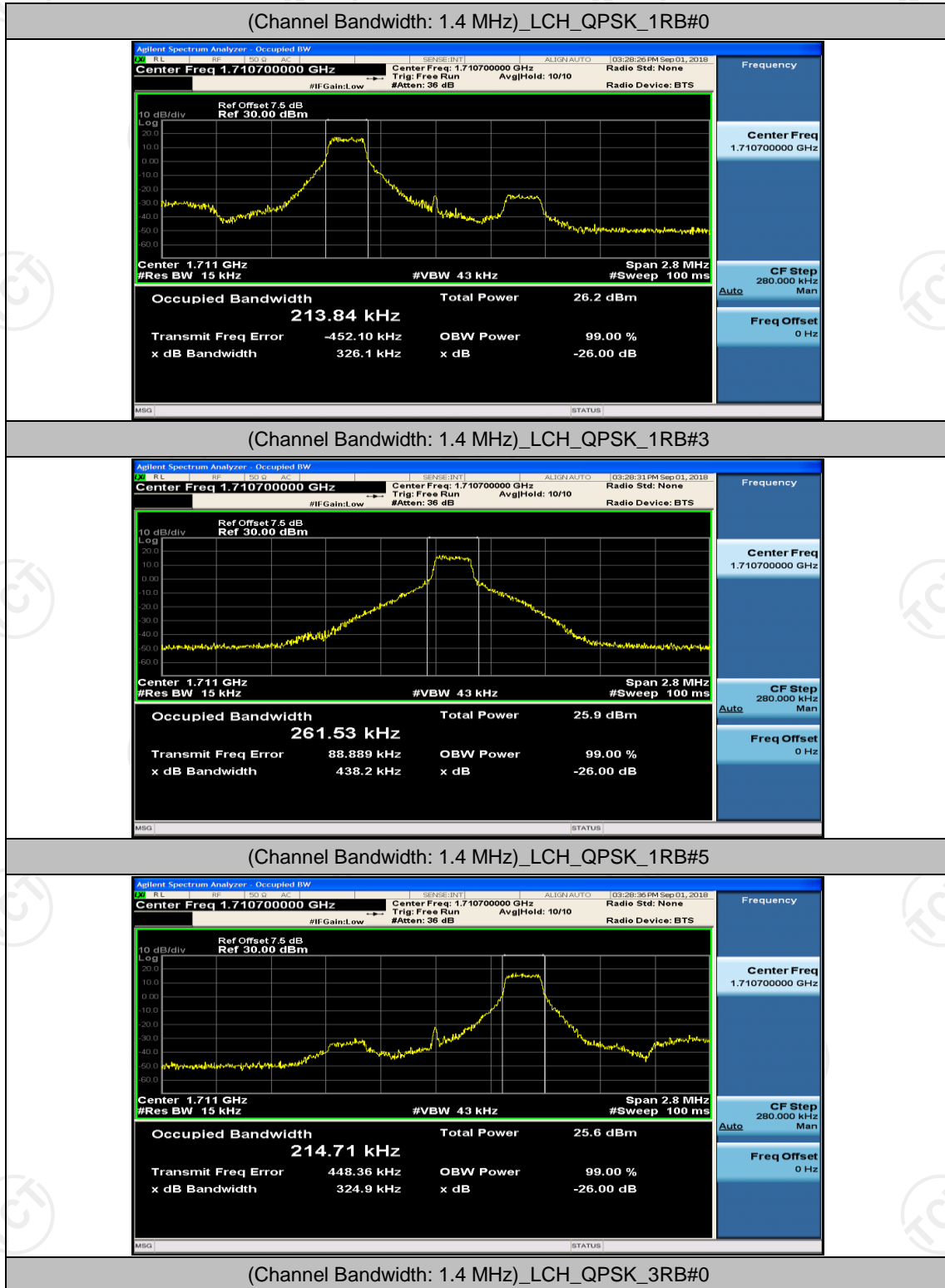
Channel Bandwidth: 20 MHz

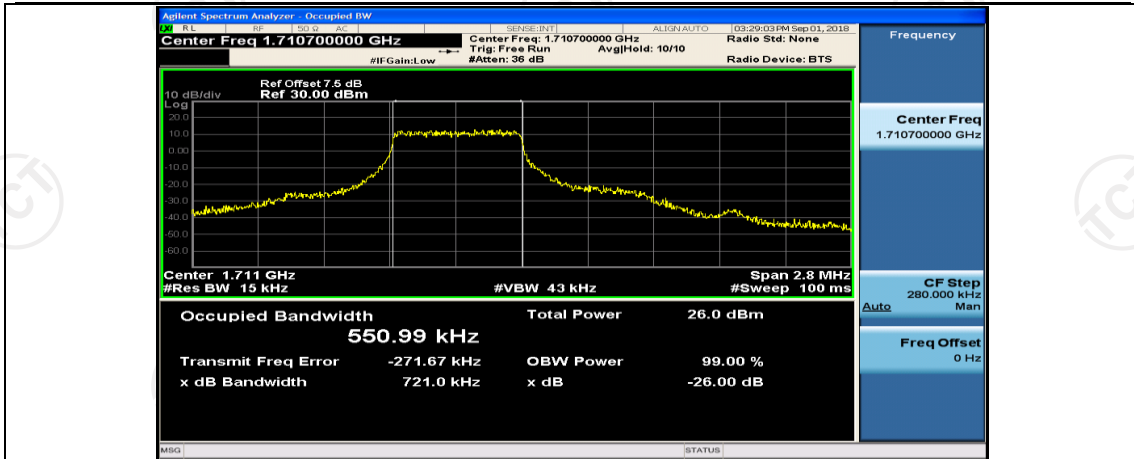
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.56860	0.8047	PASS
		1	50	0.63459	0.9552	PASS
		1	99	0.56429	0.8456	PASS
		50	0	8.9885	9.628	PASS
		50	25	8.9952	9.858	PASS
		50	50	8.9997	9.601	PASS
		100	0	17.849	18.64	PASS
	MCH	1	0	0.57170	0.8308	PASS
		1	50	0.68228	0.9647	PASS
		1	99	0.59359	0.8128	PASS
		50	0	8.9791	9.629	PASS
		50	25	9.0043	9.667	PASS
		50	50	8.9940	9.644	PASS
		100	0	17.865	18.63	PASS
	HCH	1	0	0.57314	0.8095	PASS
		1	50	0.64208	0.8709	PASS
		1	99	0.57111	0.8541	PASS
		50	0	8.9985	9.665	PASS
		50	25	8.9878	9.926	PASS
		50	50	8.9832	9.744	PASS
		100	0	17.860	18.67	PASS
16QAM	LCH	1	0	0.58045	0.8450	PASS
		1	50	0.63948	0.9296	PASS
		1	99	0.56441	0.8162	PASS
		50	0	8.9884	9.712	PASS
		50	25	9.0016	9.880	PASS
		50	50	8.9900	9.637	PASS
		100	0	17.854	18.62	PASS
	MCH	1	0	0.58047	0.8522	PASS
		1	50	0.63998	0.9117	PASS
		1	99	0.55829	0.8133	PASS
		50	0	8.9765	9.568	PASS
		50	25	8.9885	9.891	PASS
		50	50	8.9912	9.752	PASS
		100	0	17.849	18.65	PASS

HCH	1	0	0.57860	0.8369	PASS
	1	50	0.65458	0.9293	PASS
	1	99	0.60659	0.9040	PASS
	50	0	8.9963	9.664	PASS
	50	25	8.9969	9.803	PASS
	50	50	9.0063	9.765	PASS
	100	0	17.850	18.64	PASS

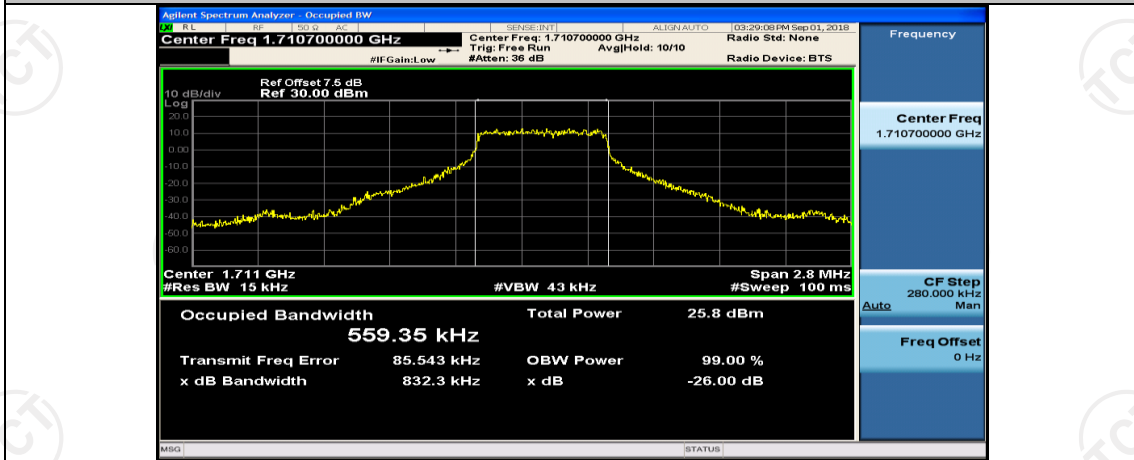
Test Graphs

Channel Bandwidth: 1.4 MHz

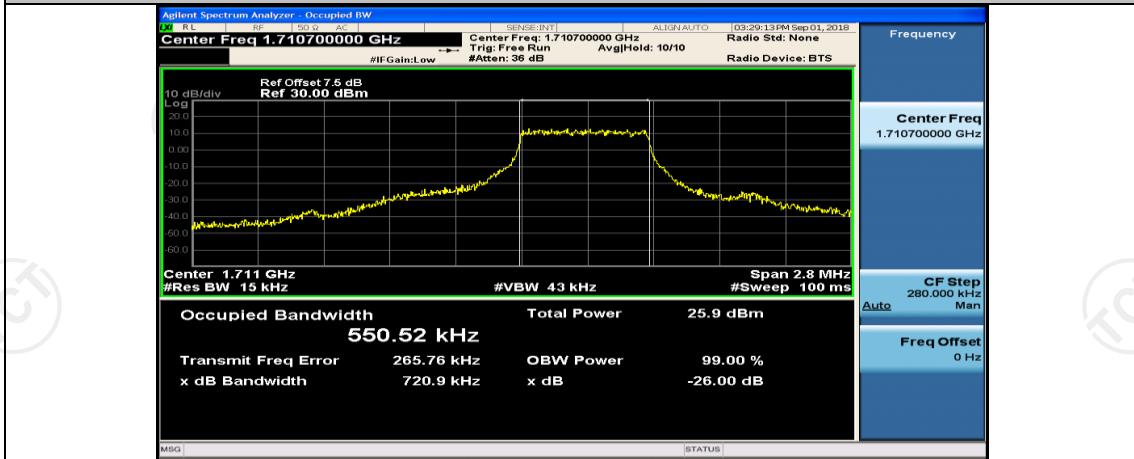




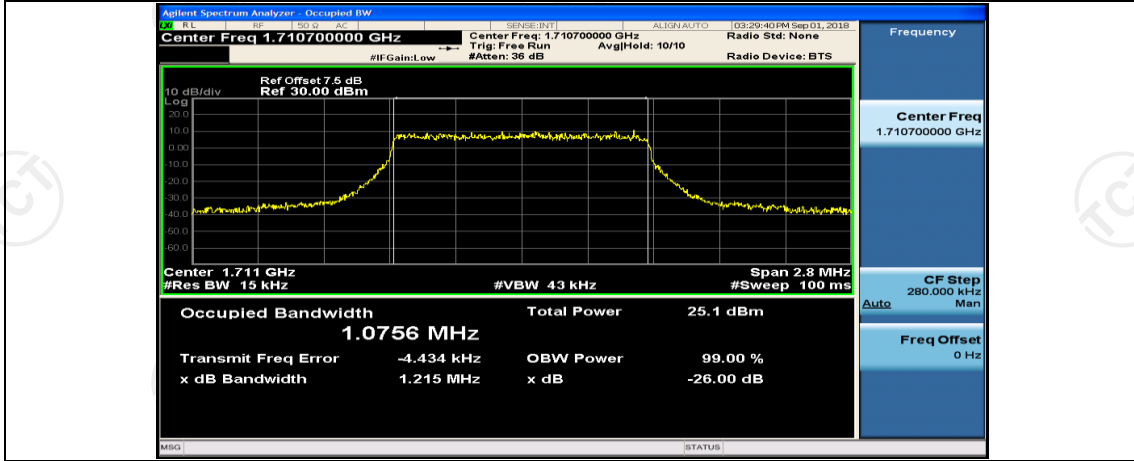
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



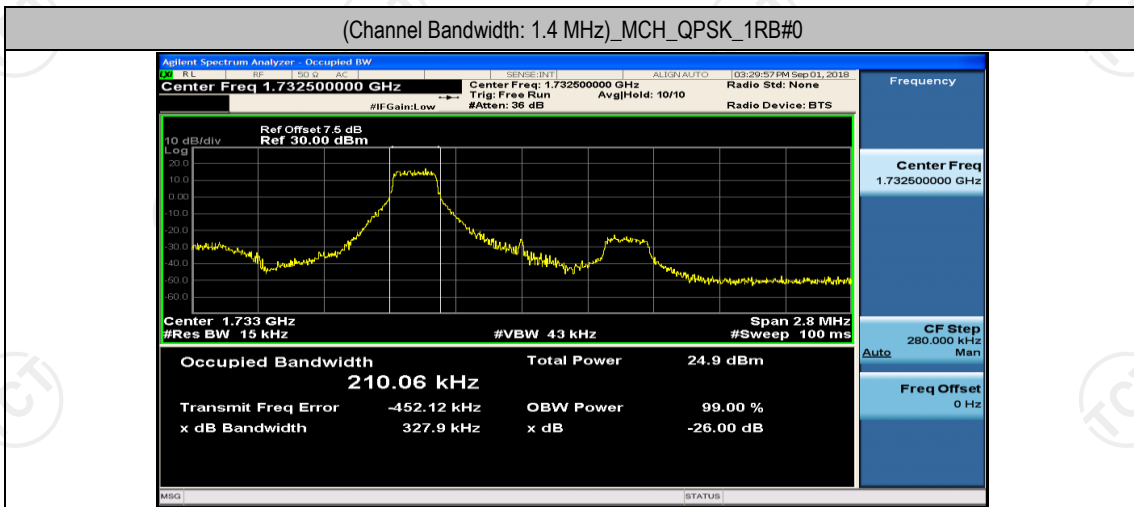
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



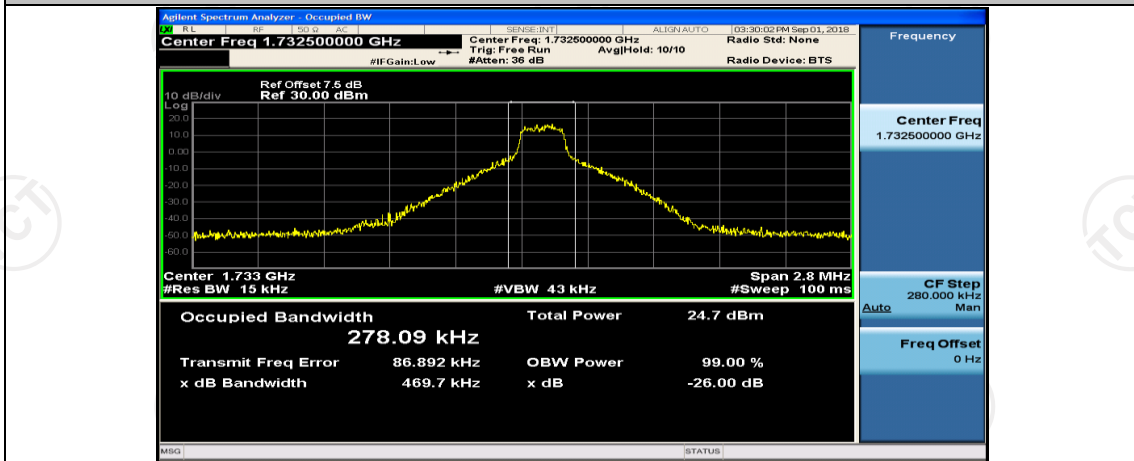
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



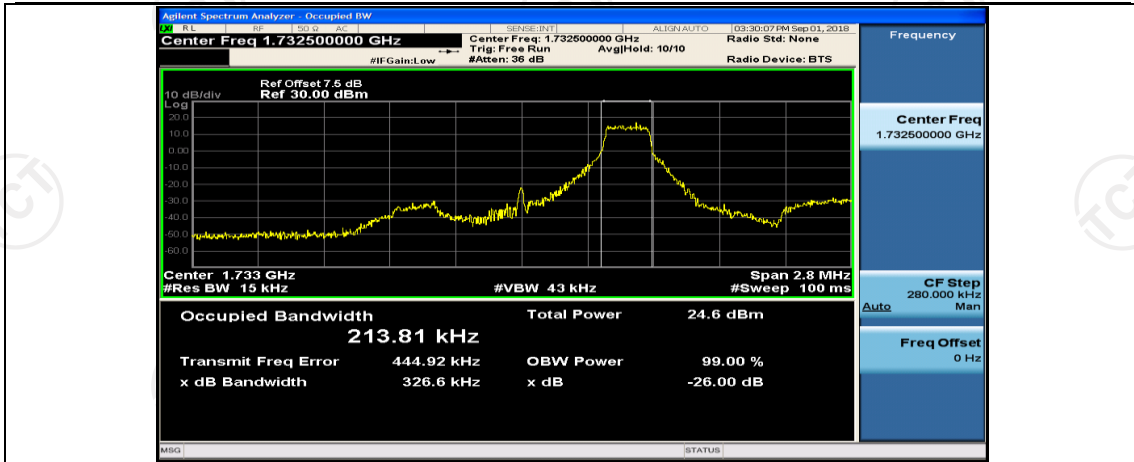
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



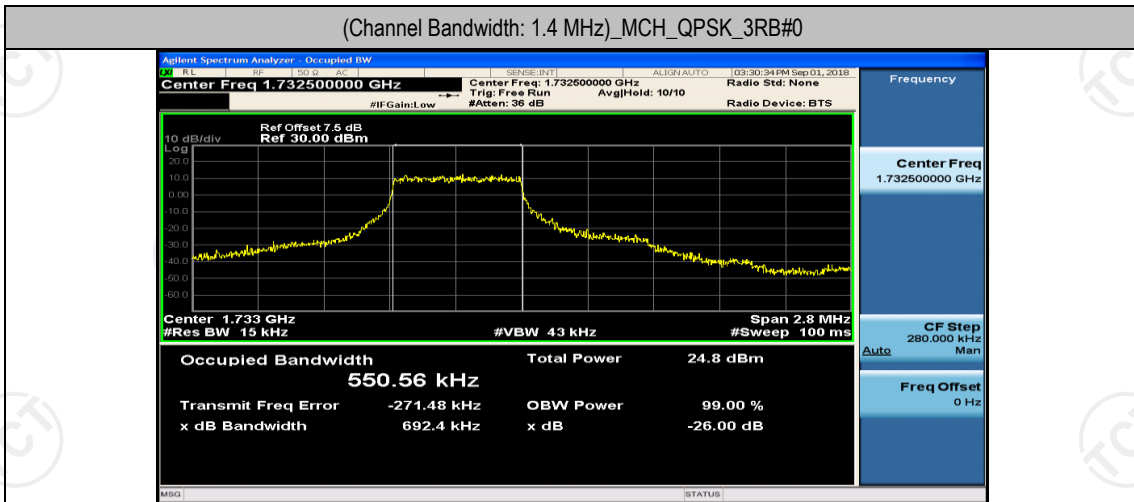
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



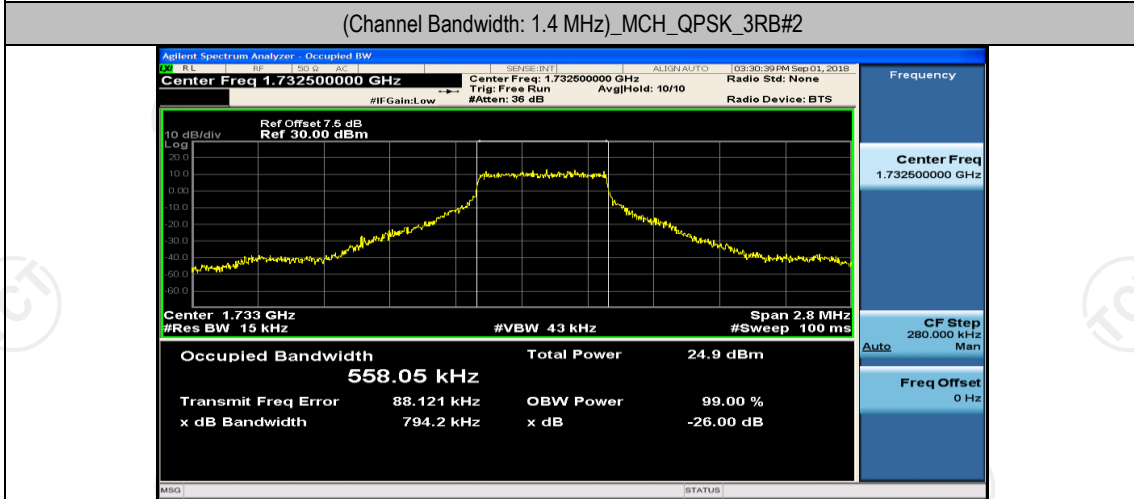
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



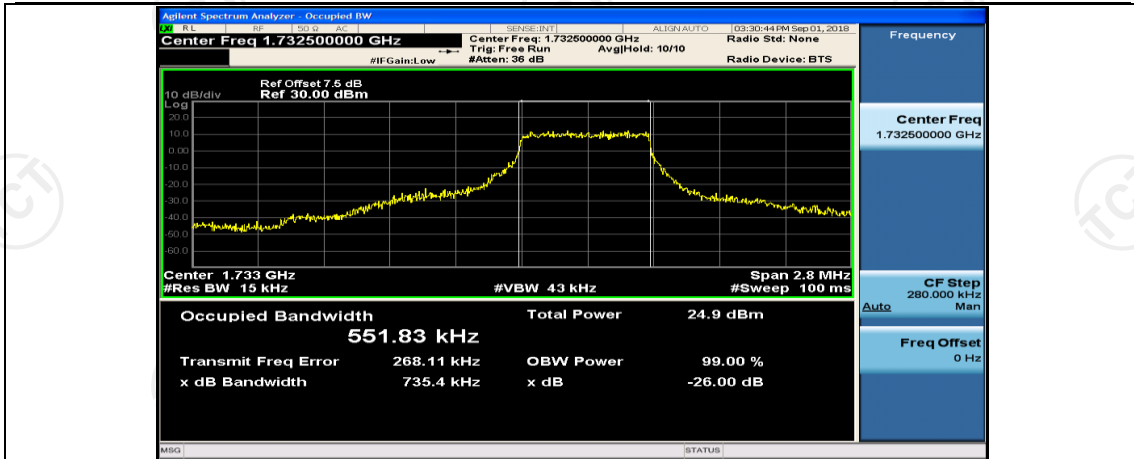
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



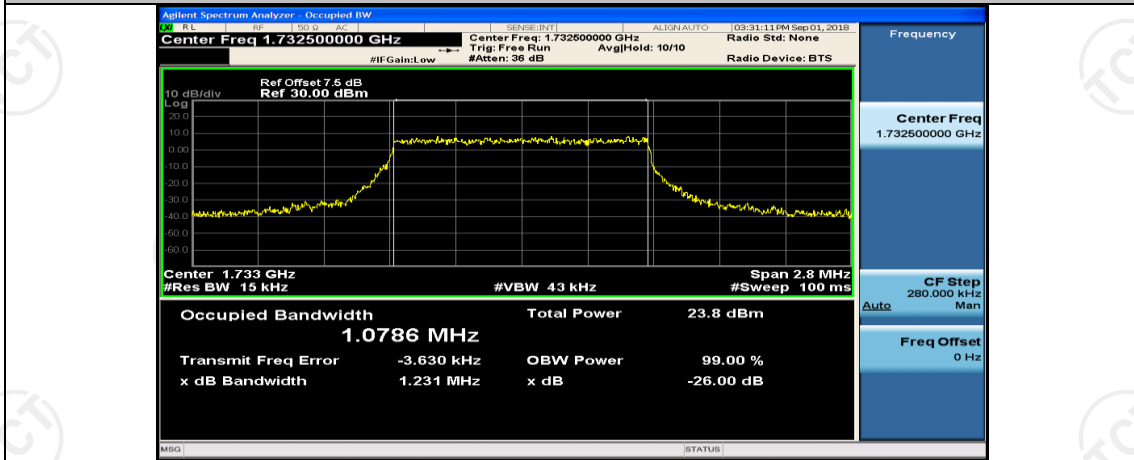
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



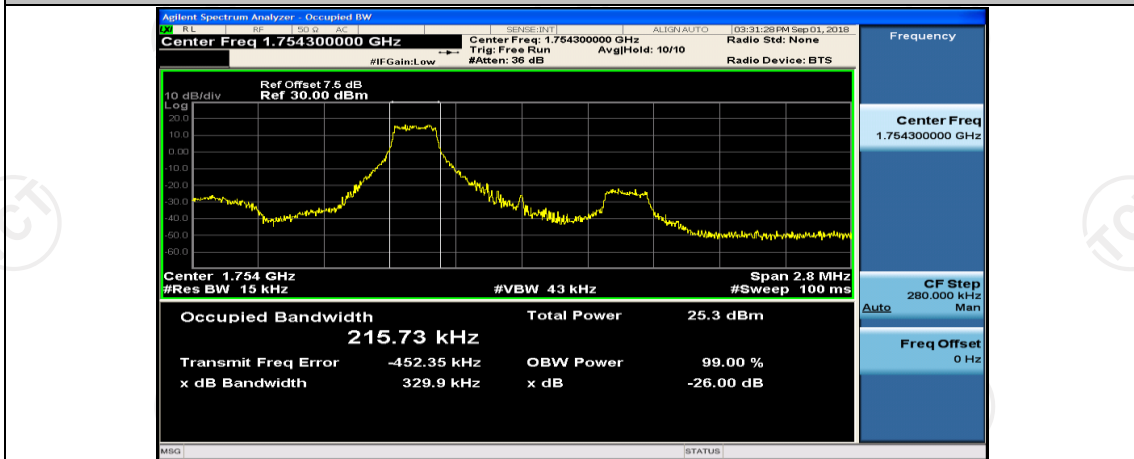
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



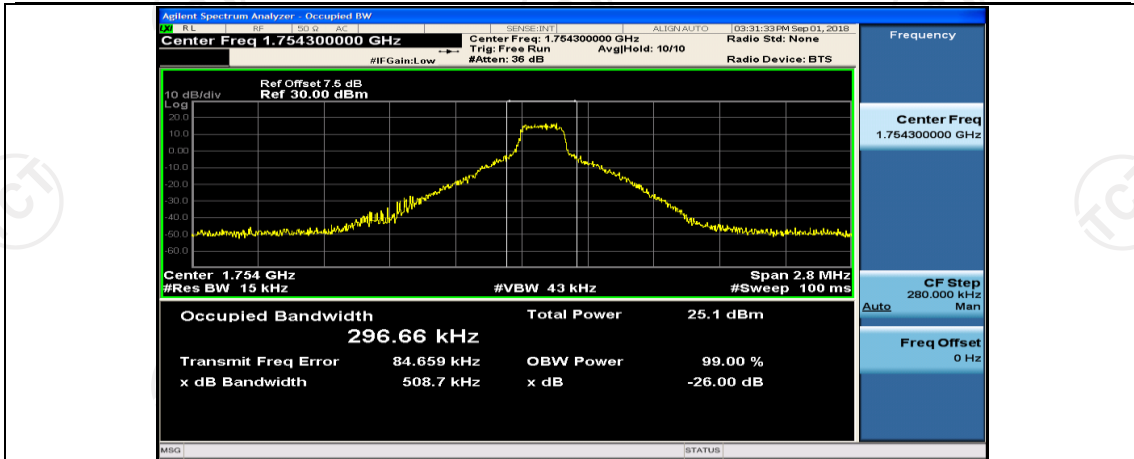
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



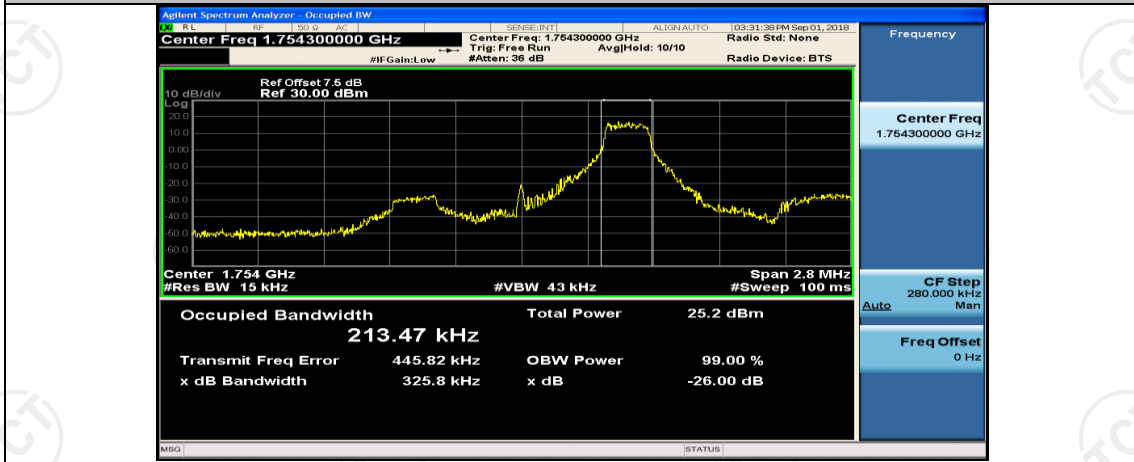
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



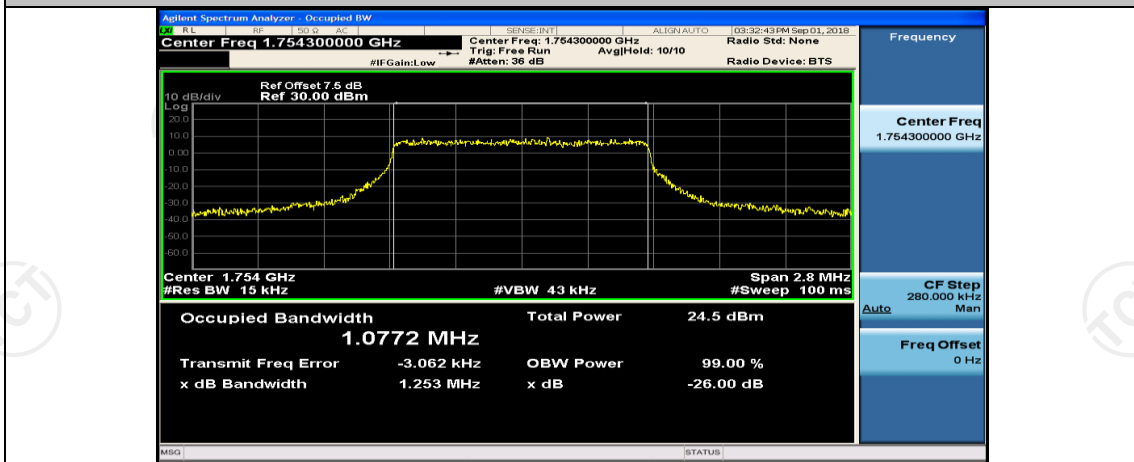
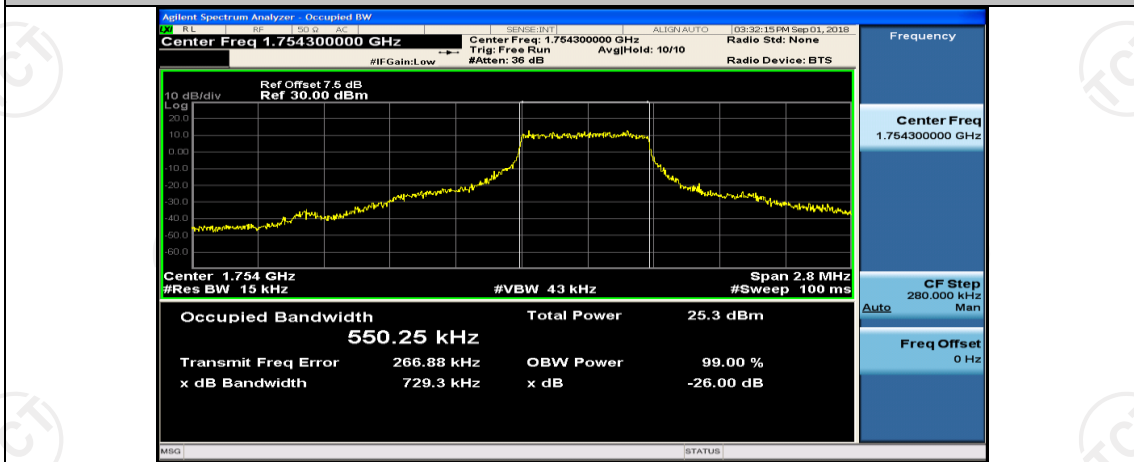
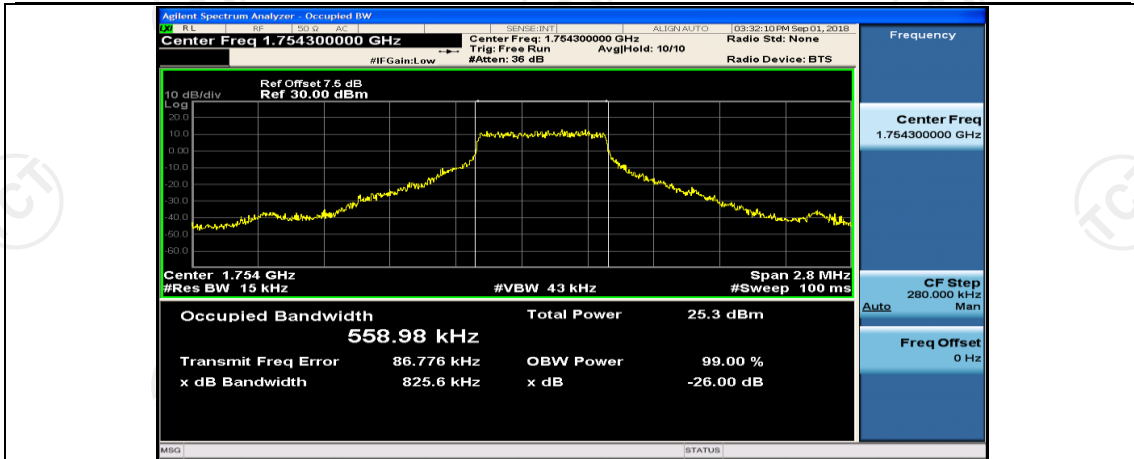
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



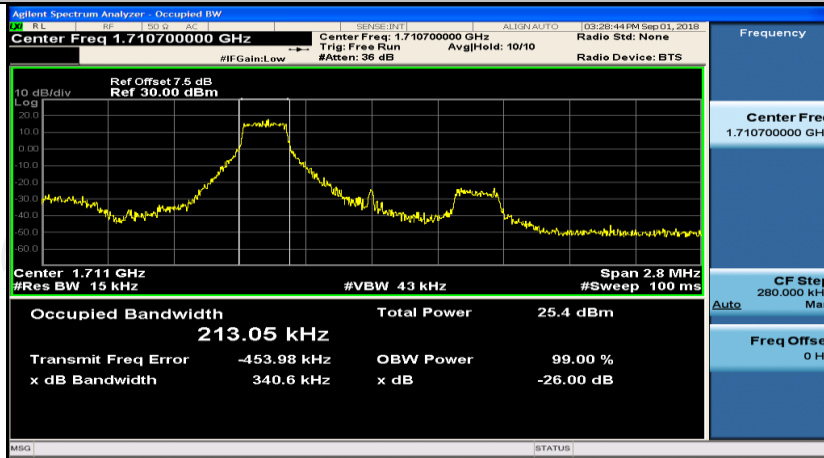
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



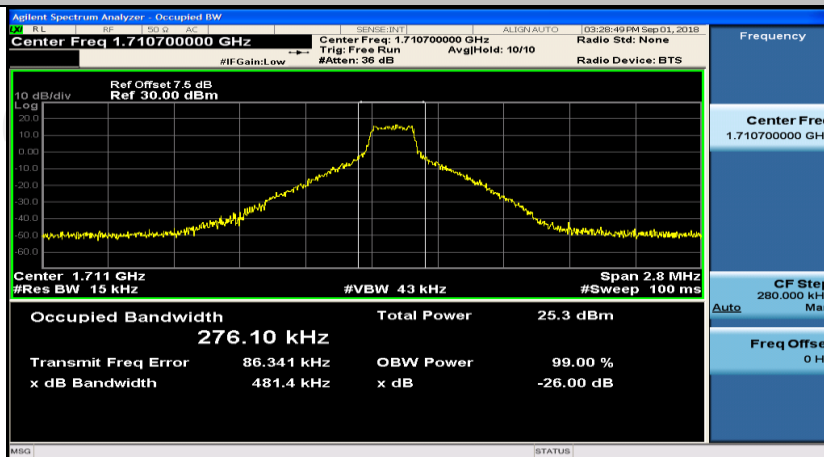
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



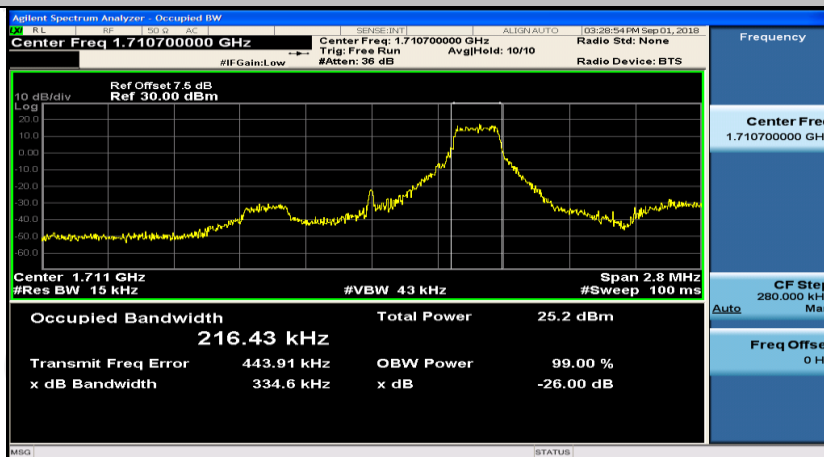
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



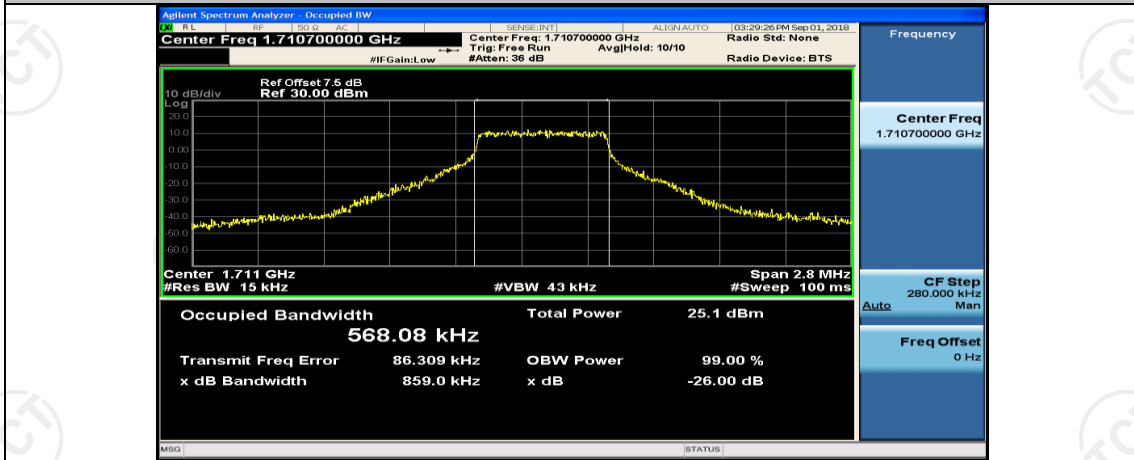
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



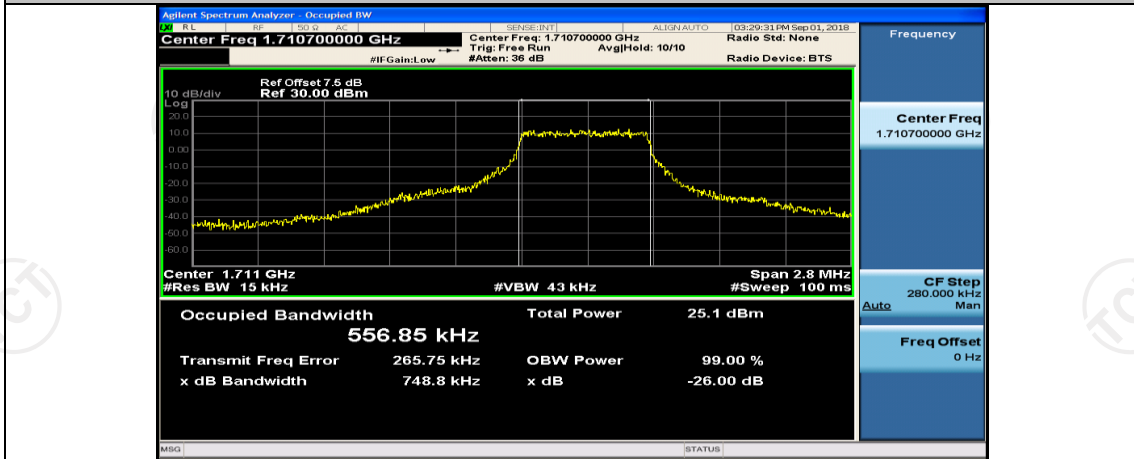
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



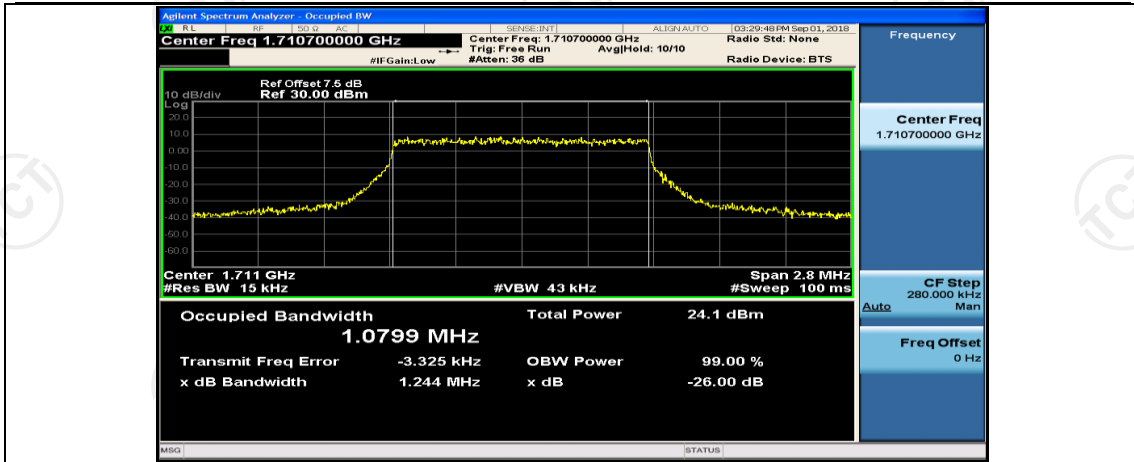
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



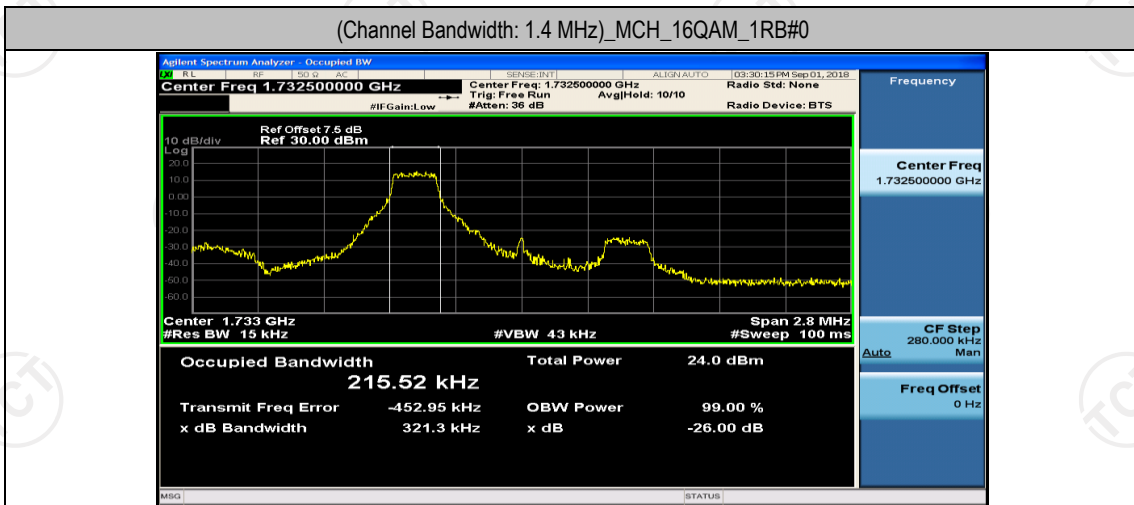
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



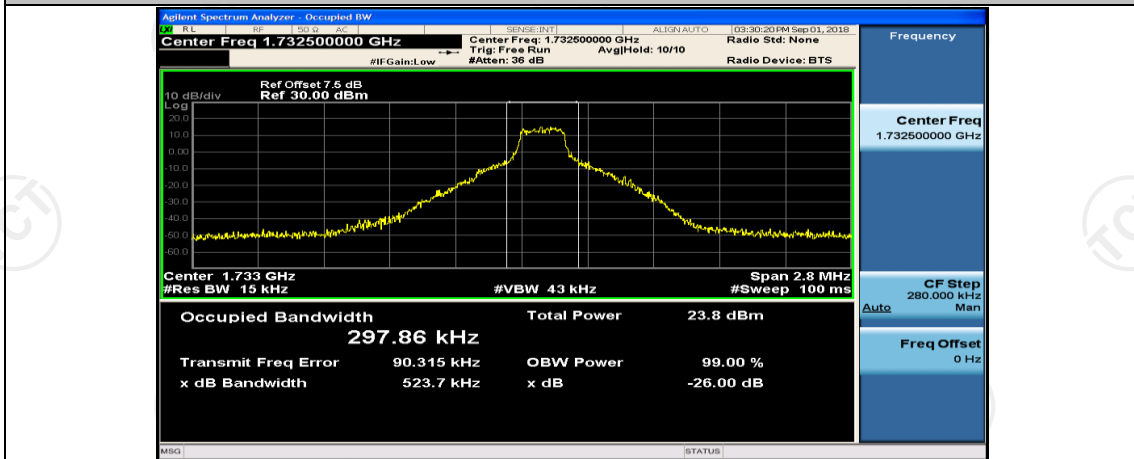
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



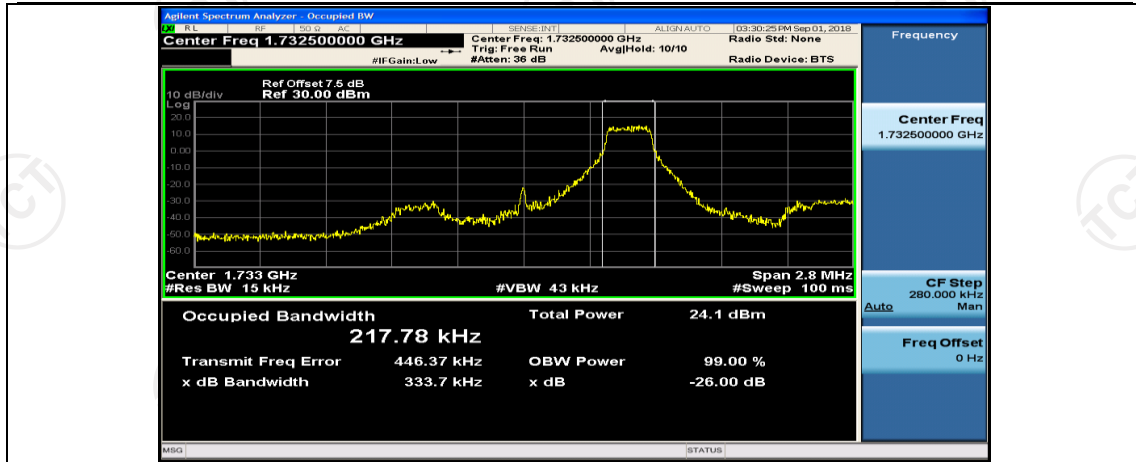
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



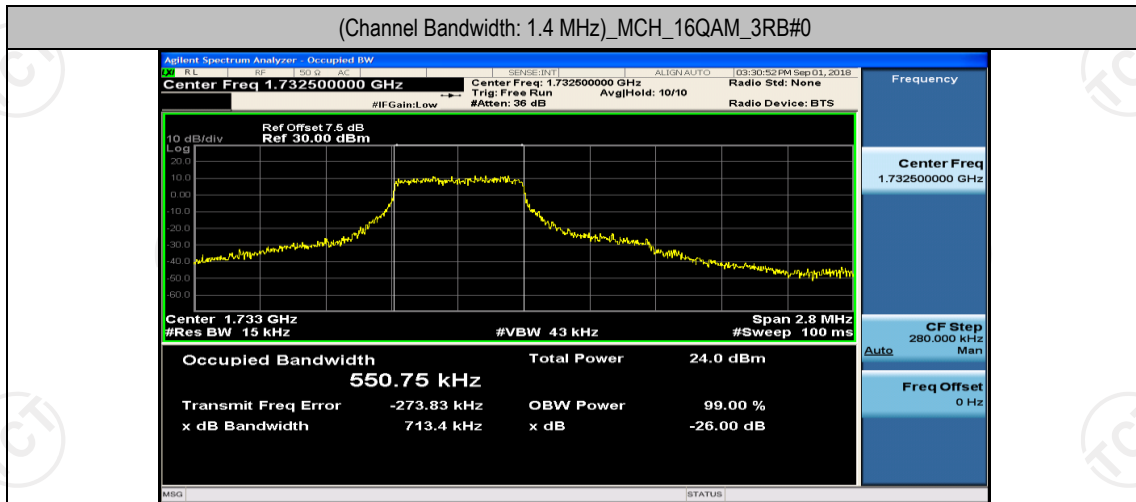
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



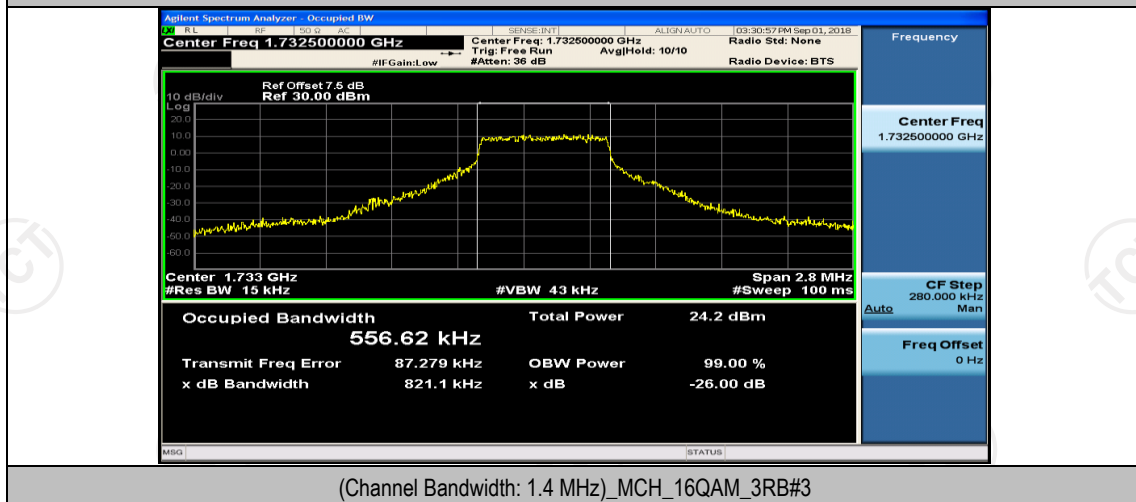
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



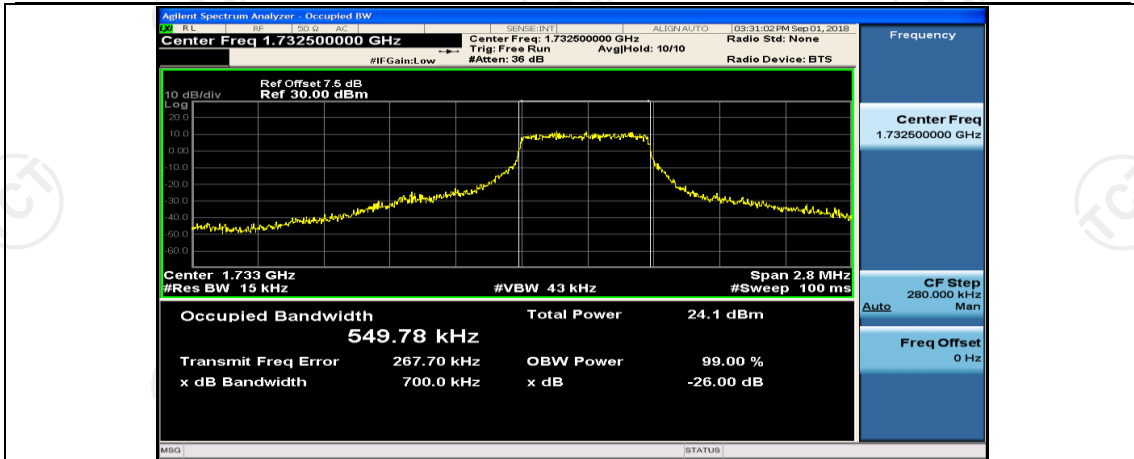
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



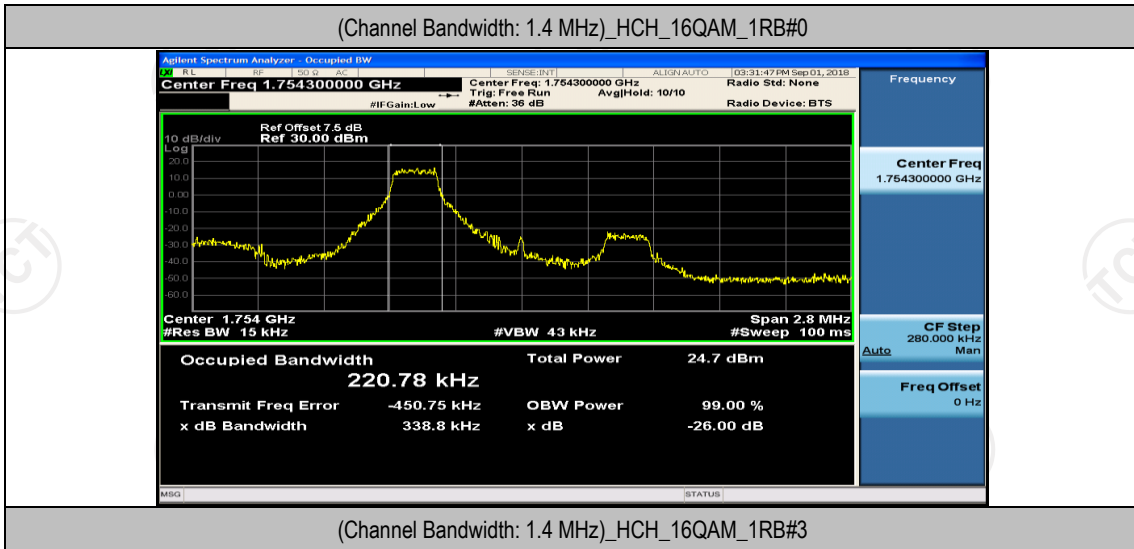
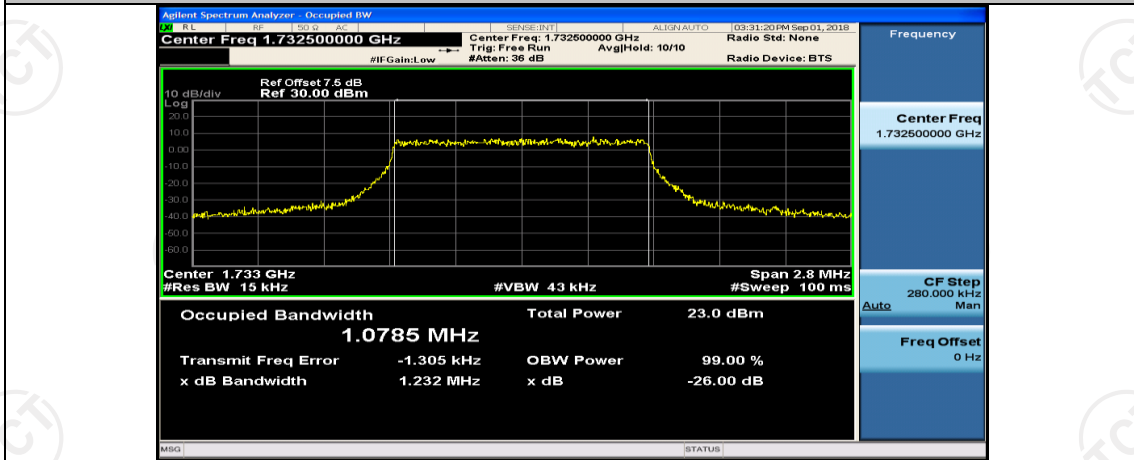
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



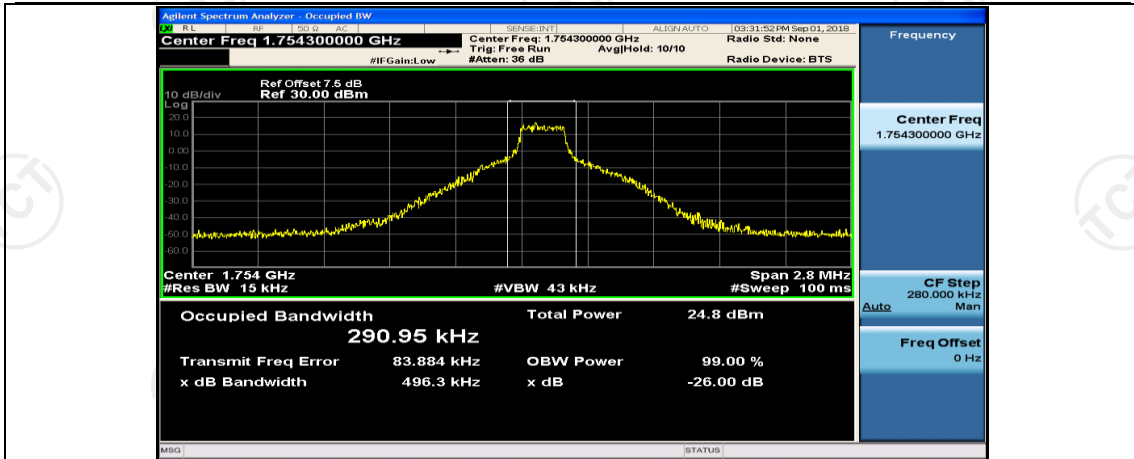
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



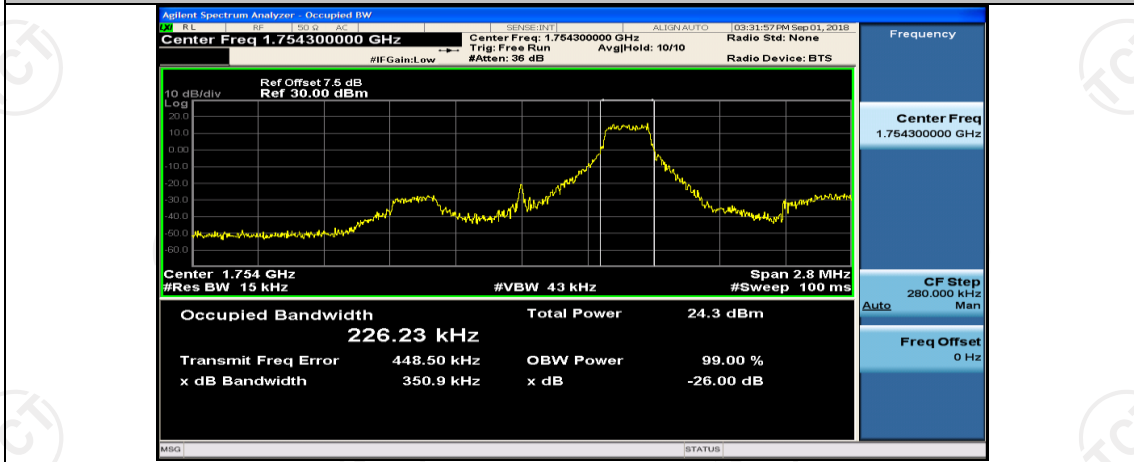
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



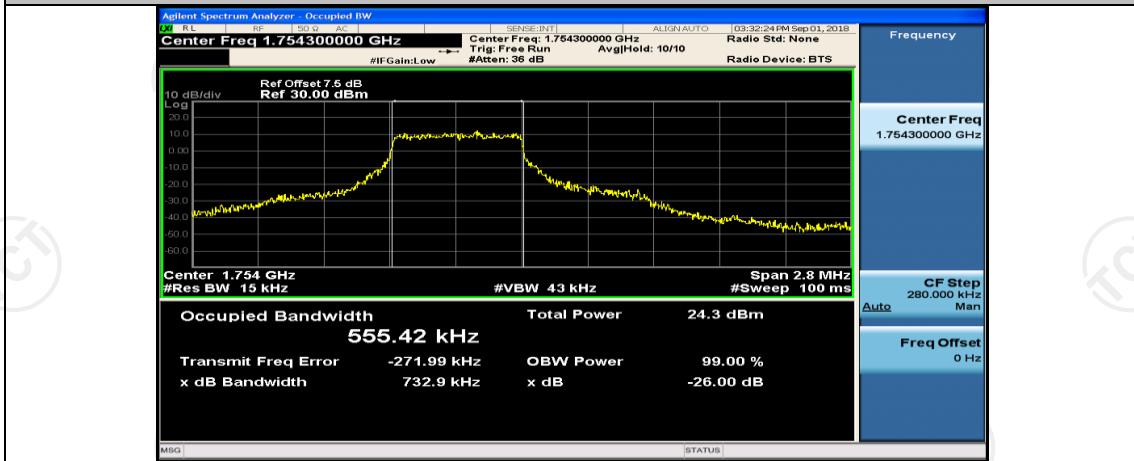
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2

