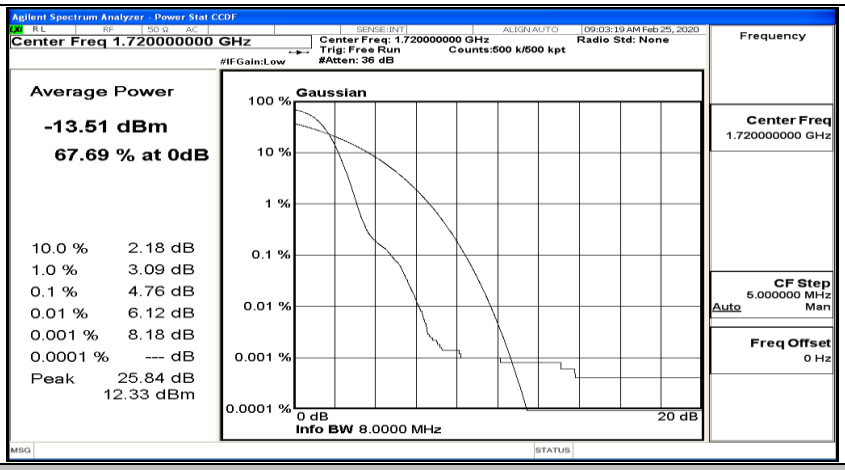
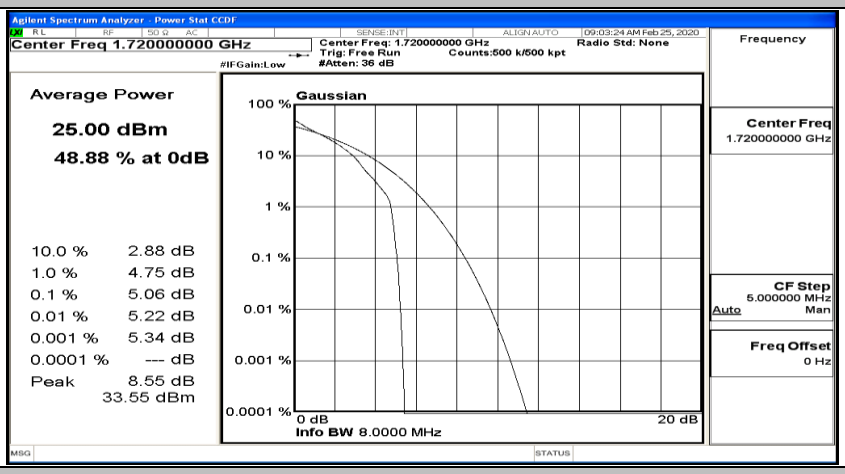
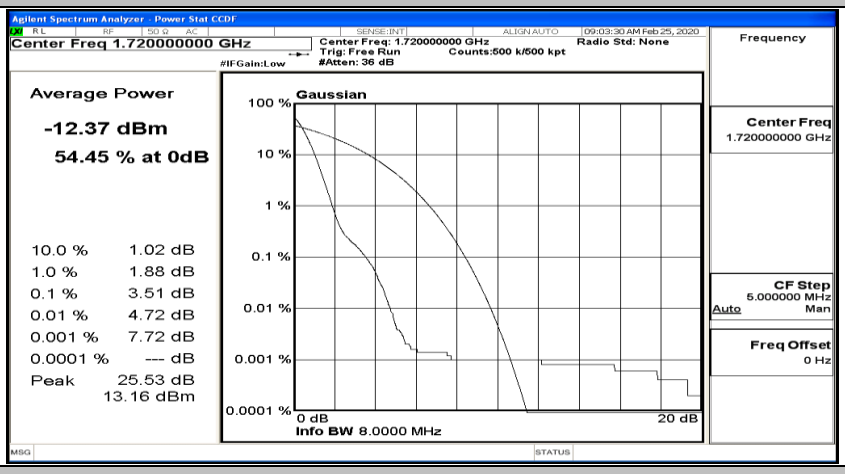


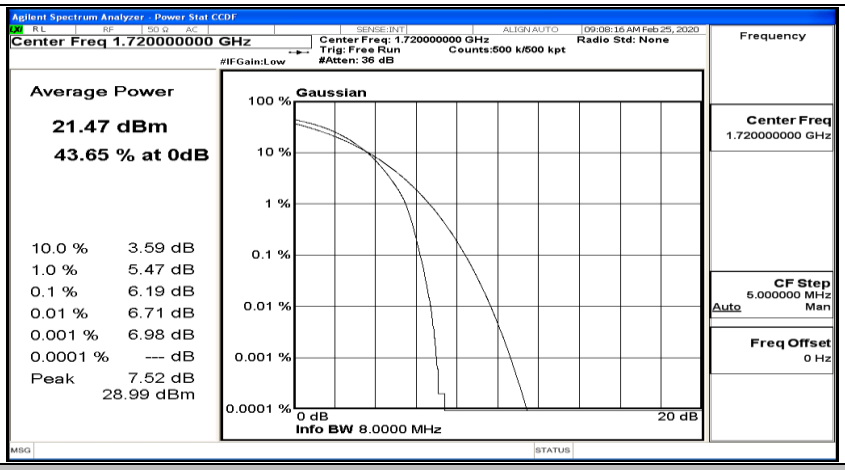
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49



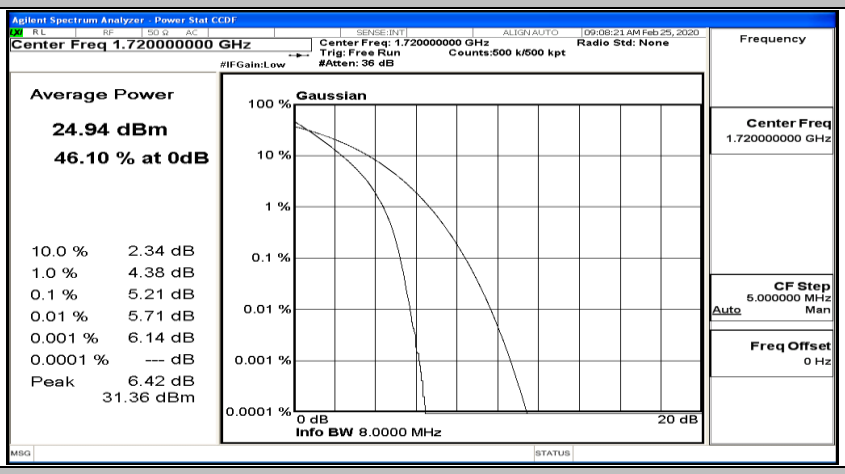
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99



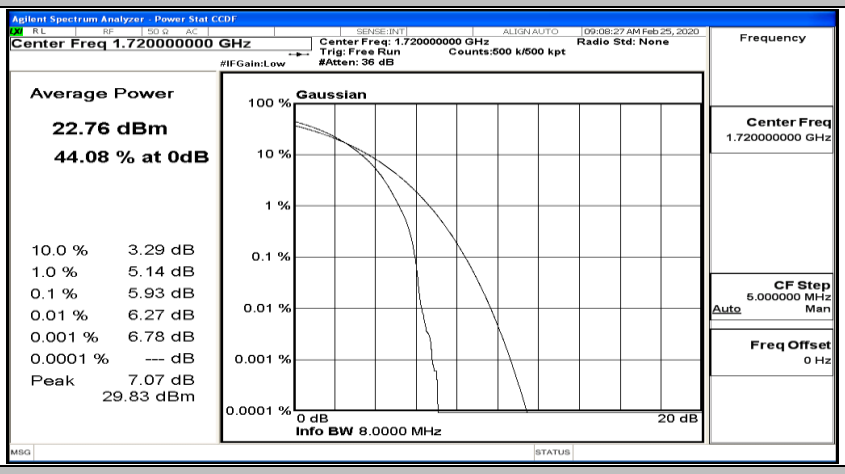
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0



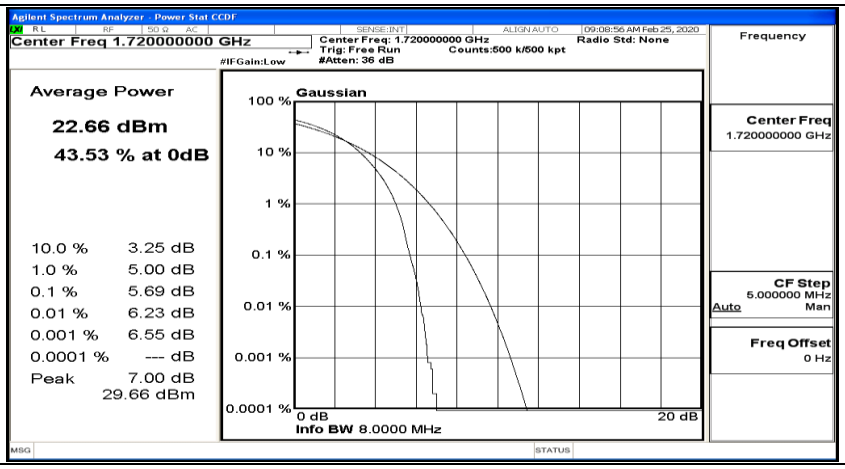
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



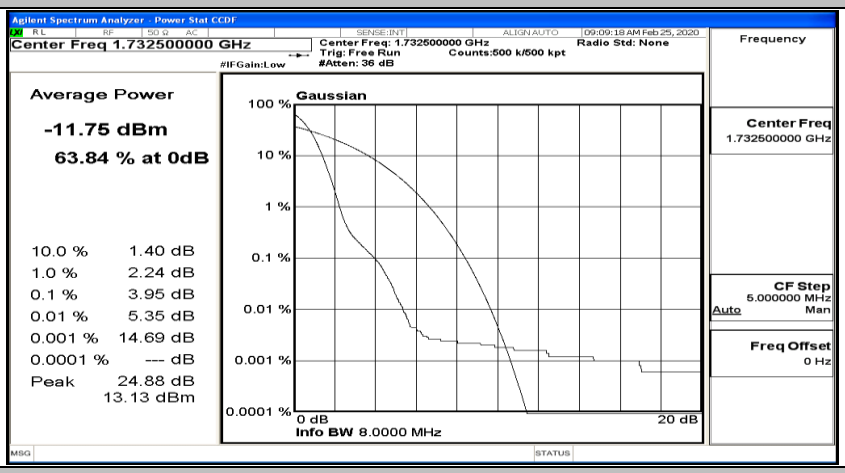
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



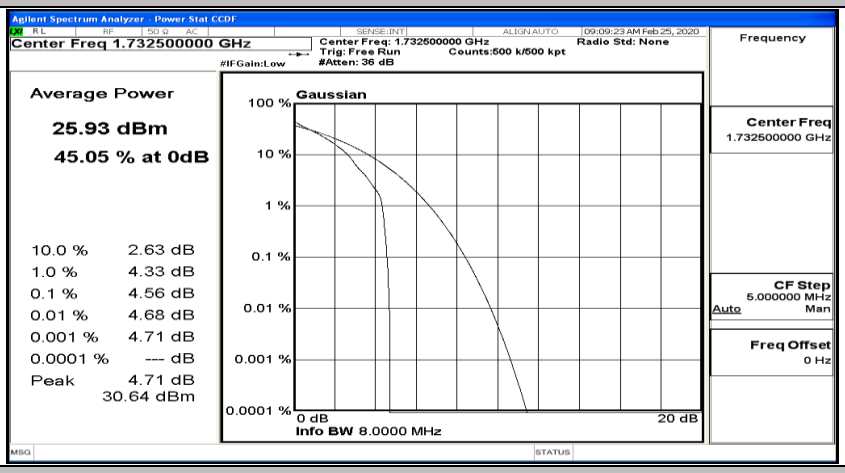
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



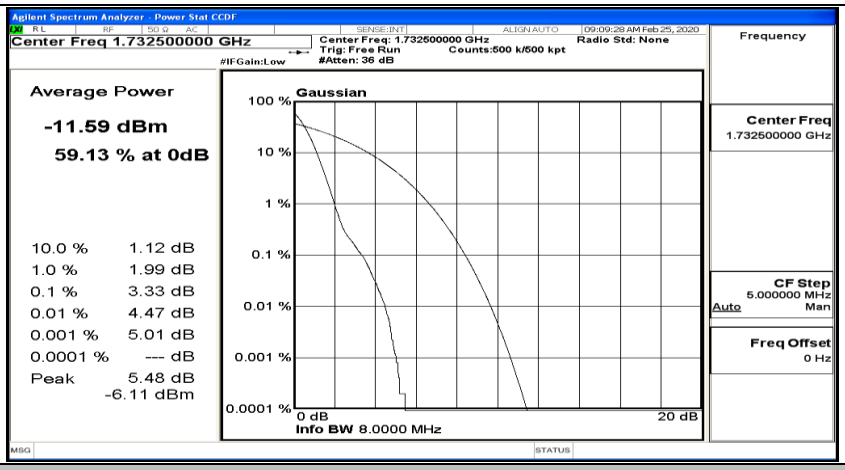
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



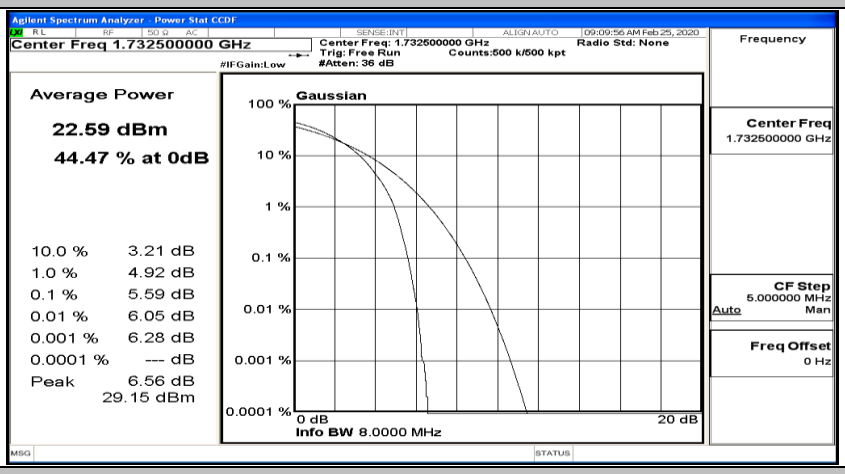
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



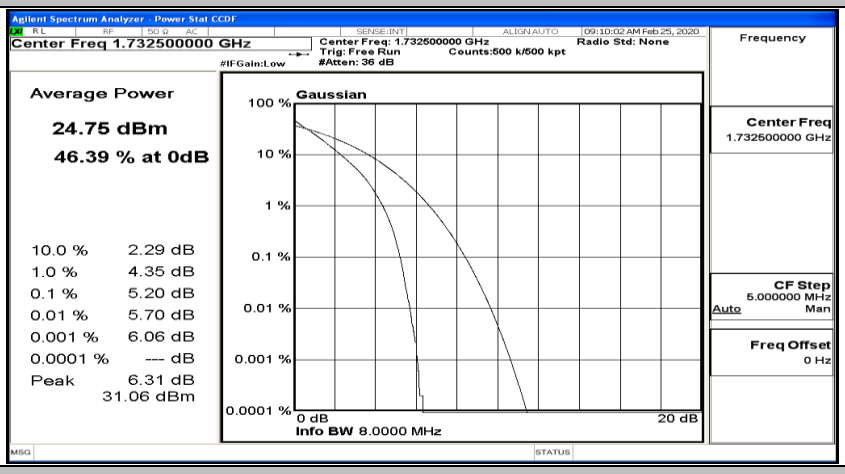
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99



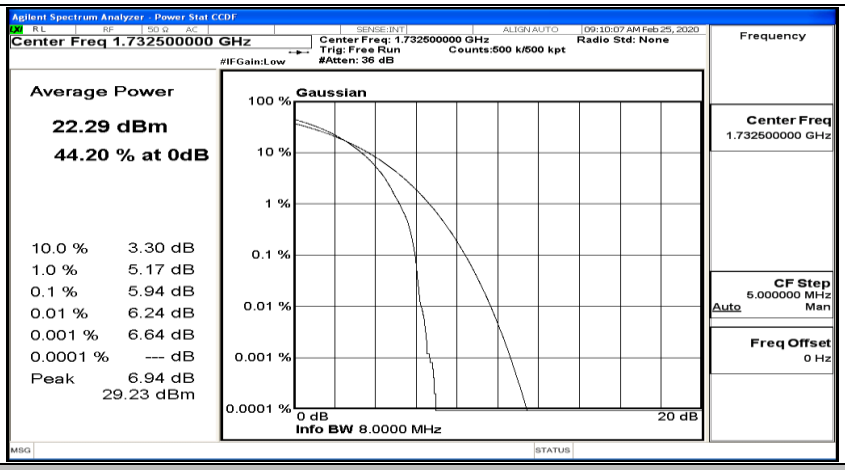
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0



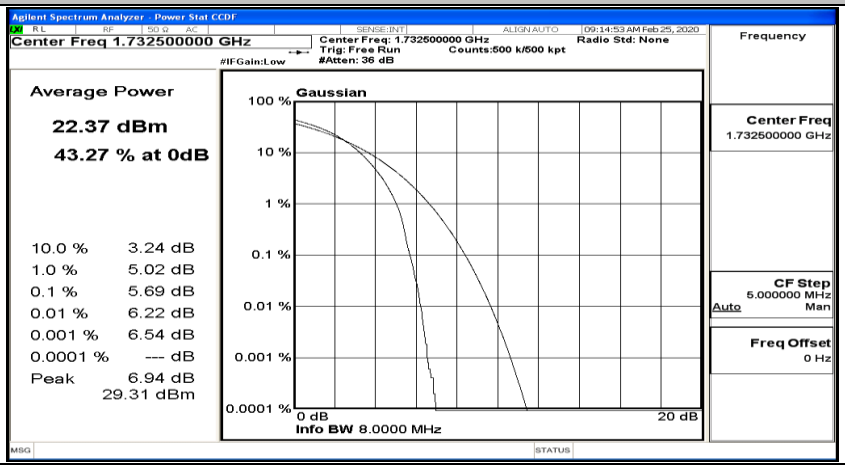
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25



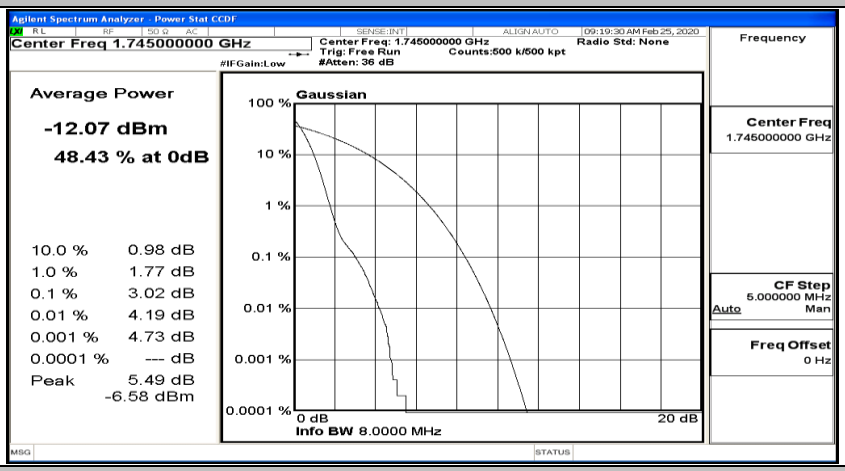
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50



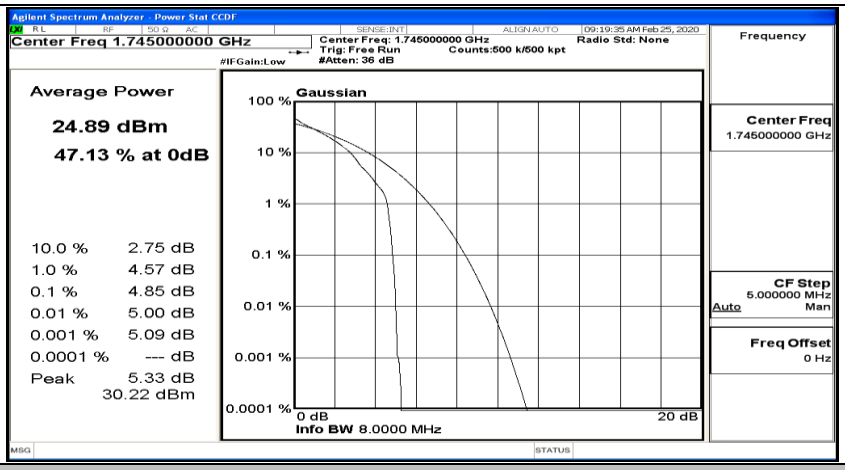
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



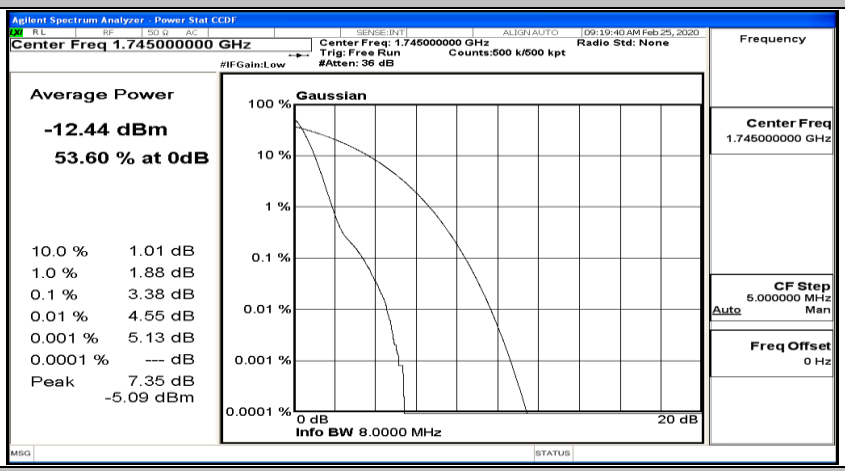
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



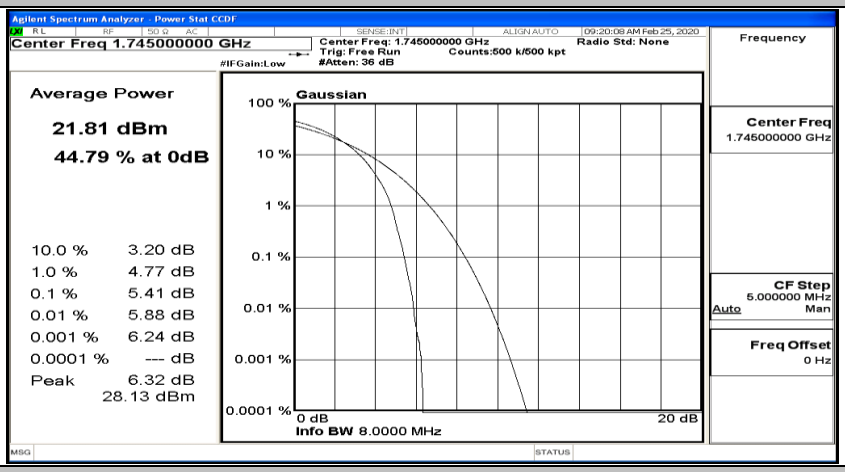
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49



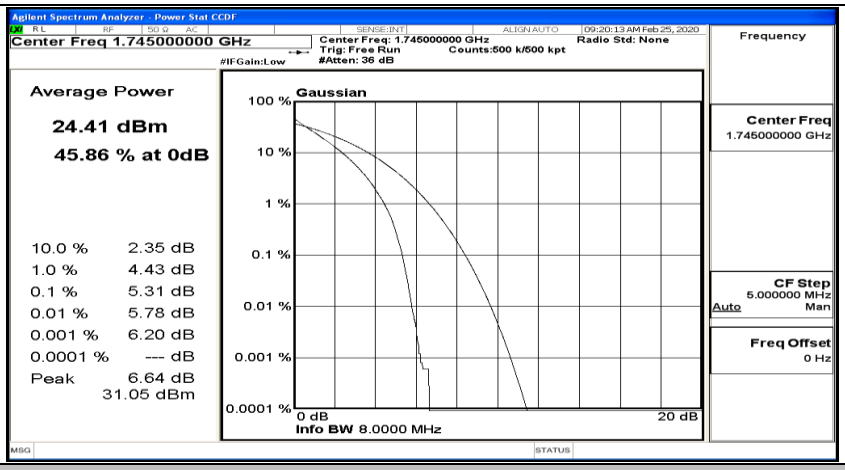
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99



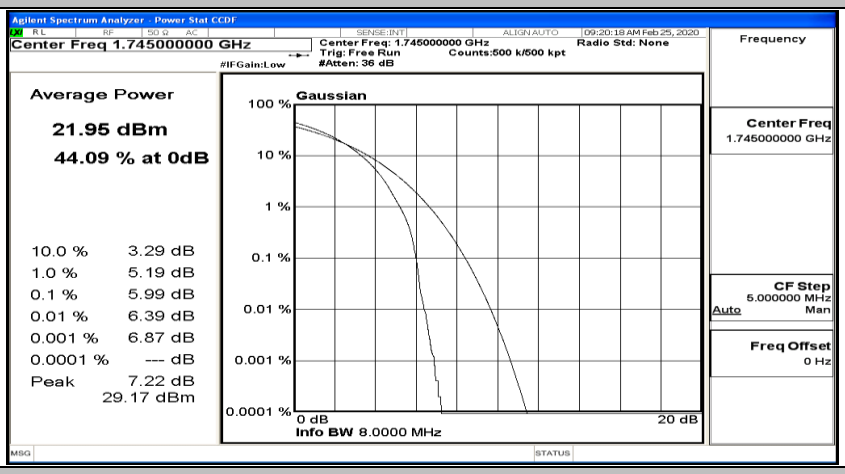
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0



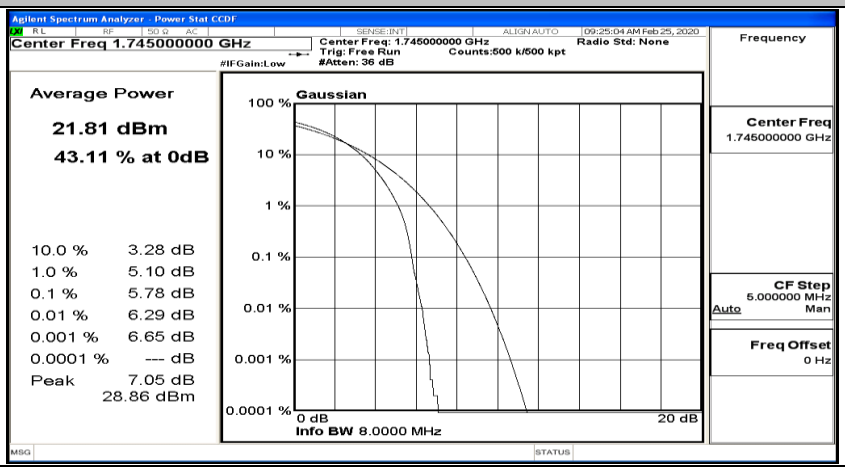
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25



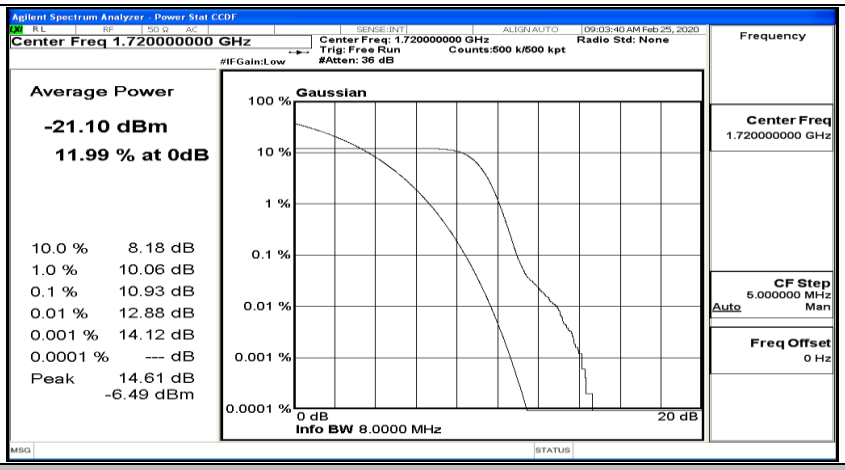
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50



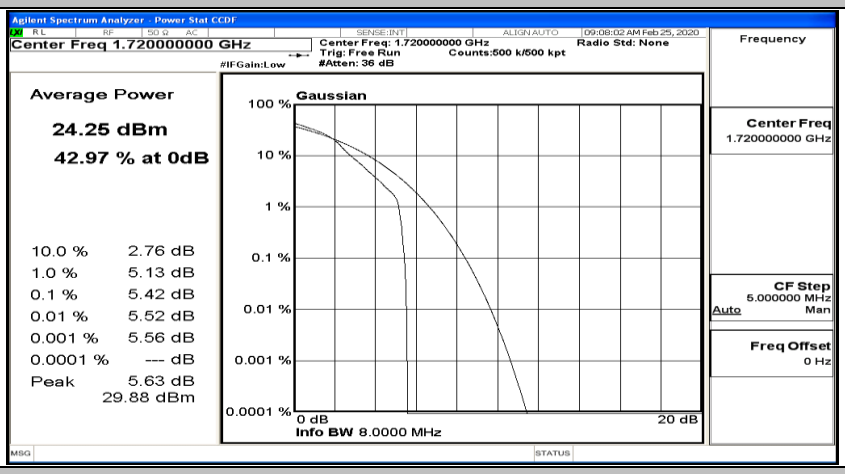
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



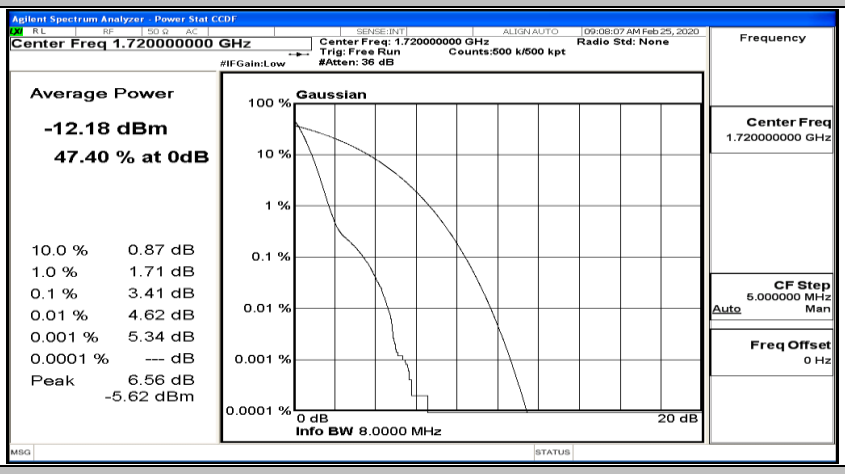
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



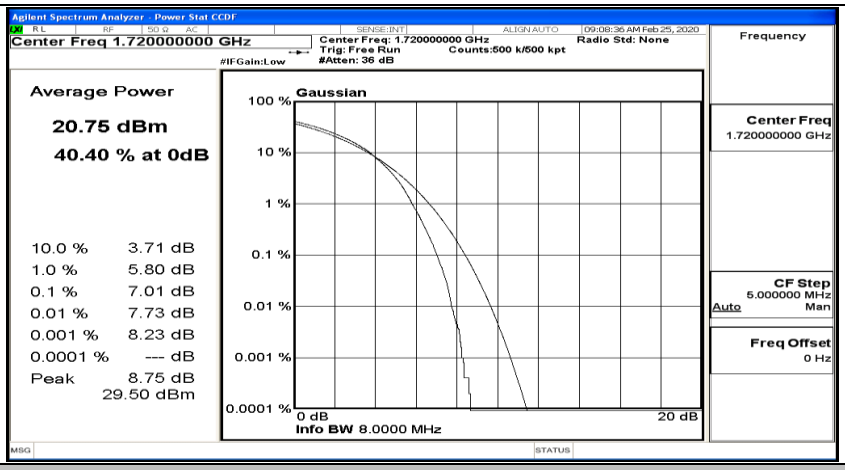
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



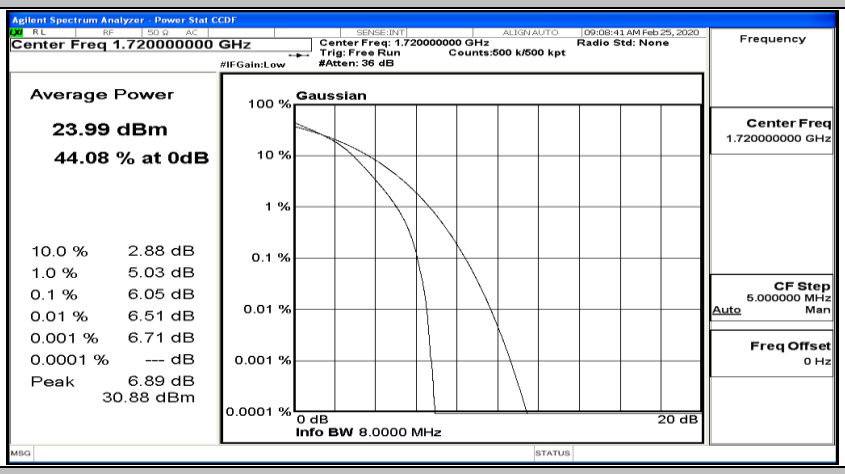
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99



(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0



(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25



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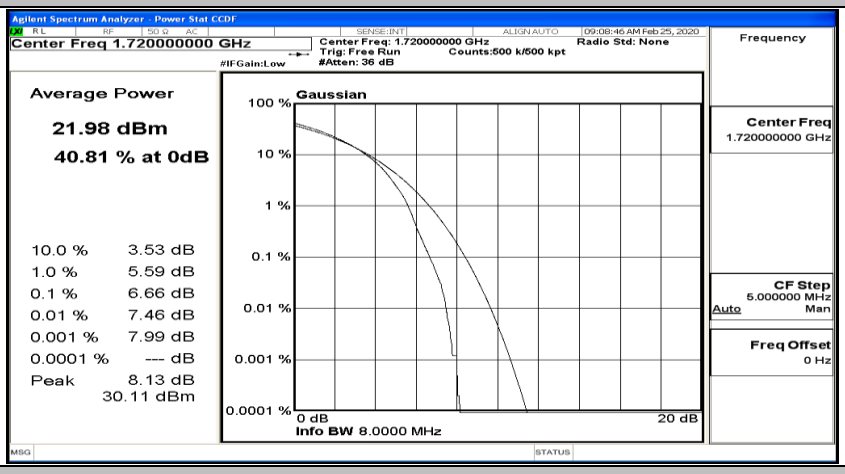
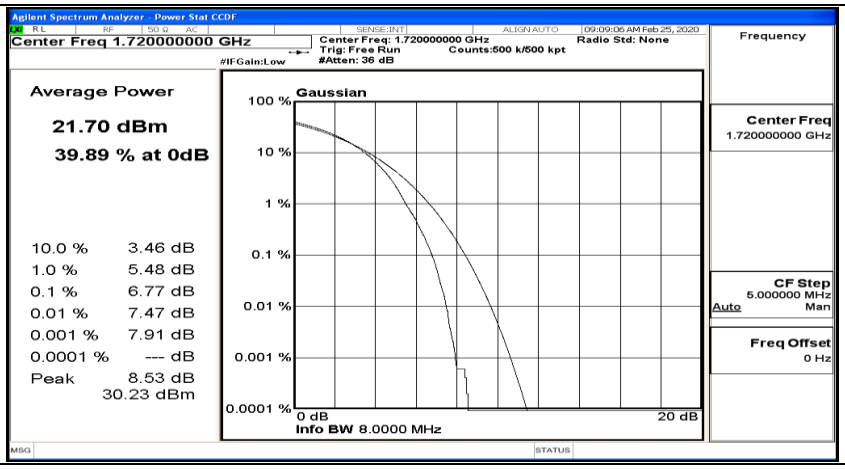
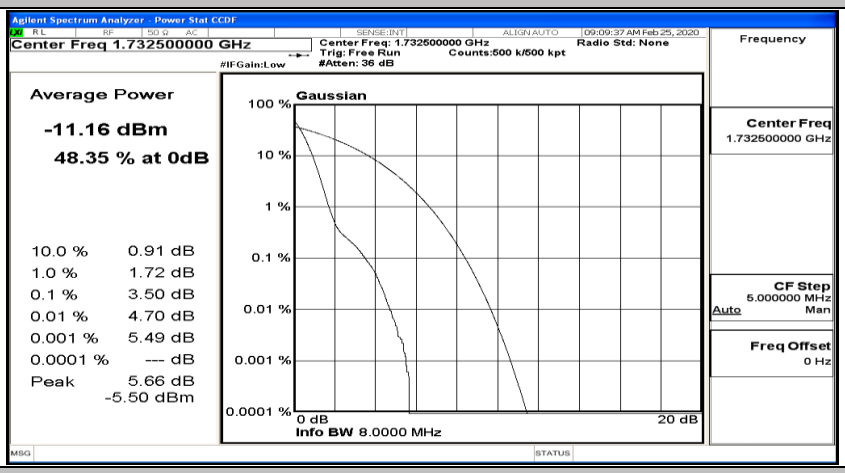


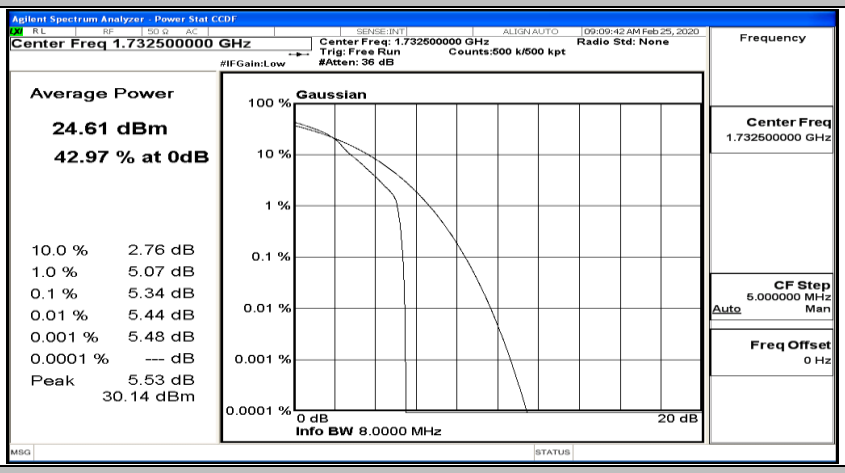
(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



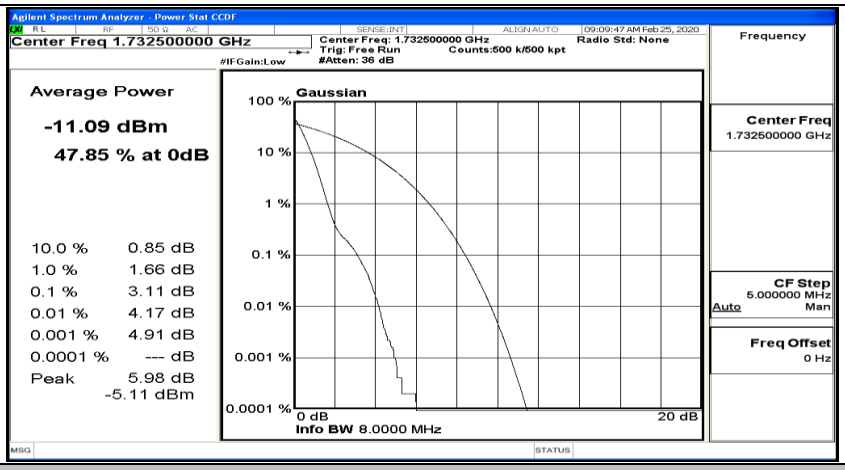
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0



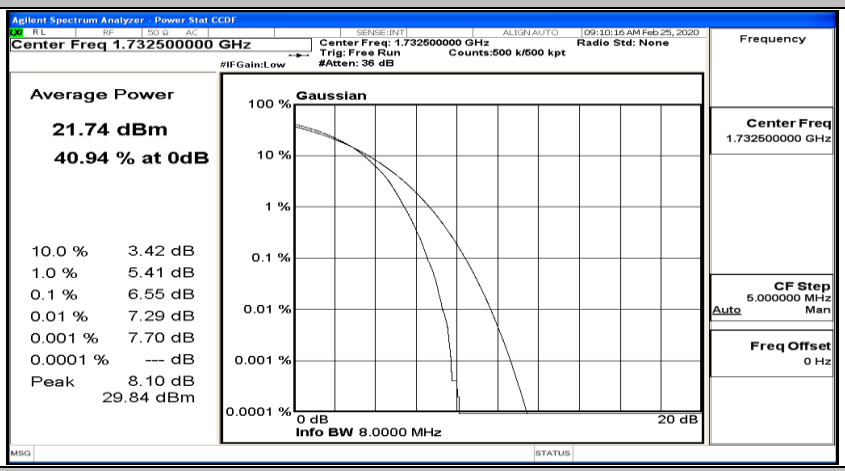
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49



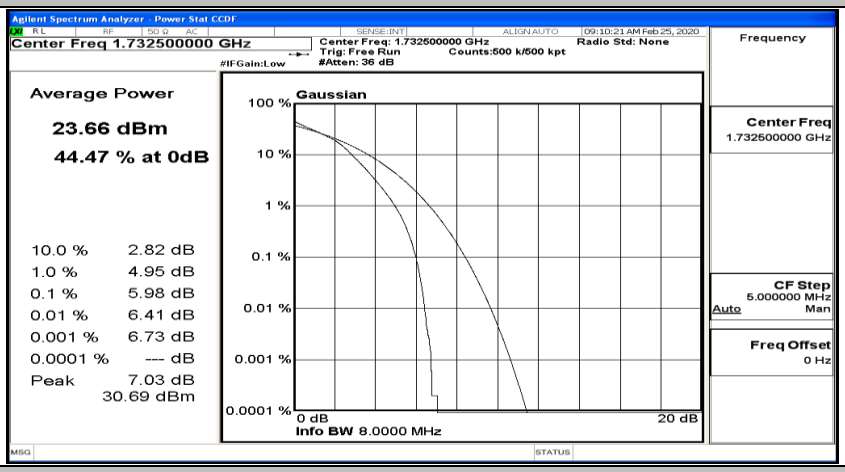
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99



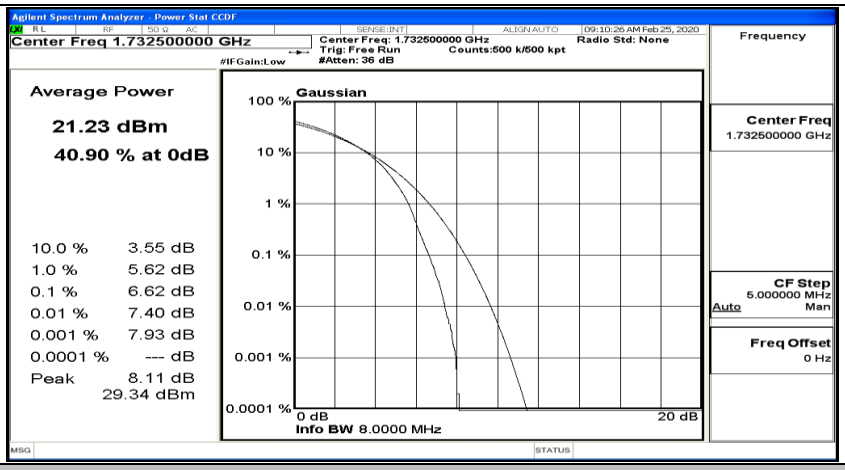
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0



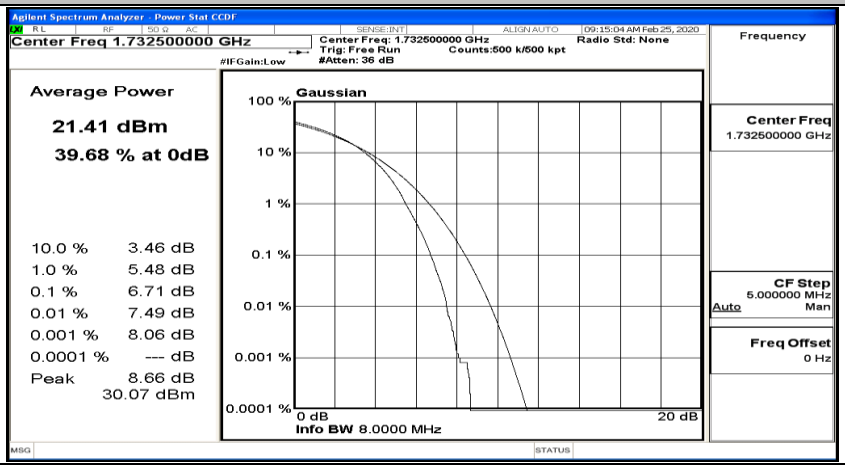
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25



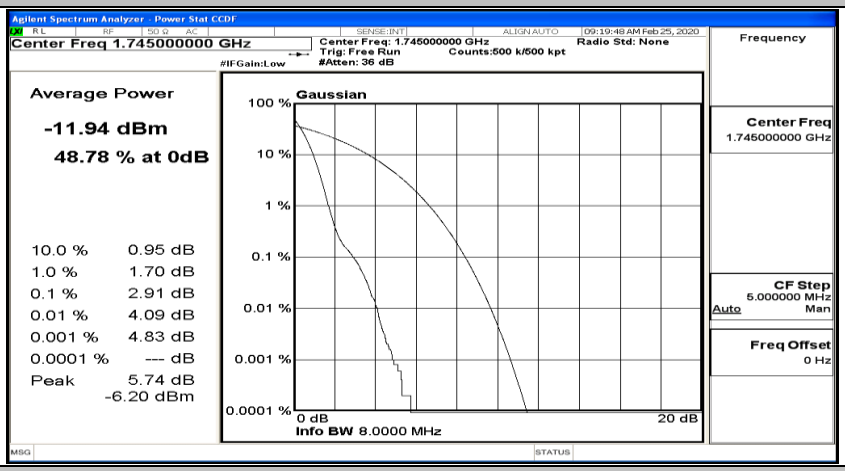
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50



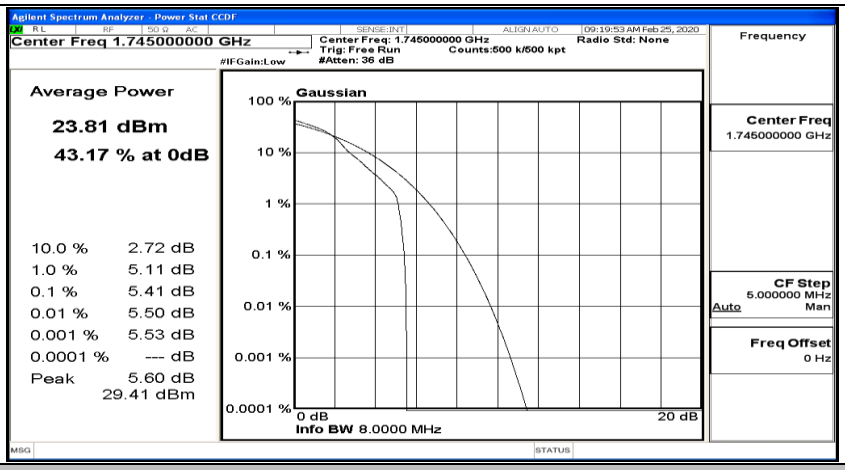
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



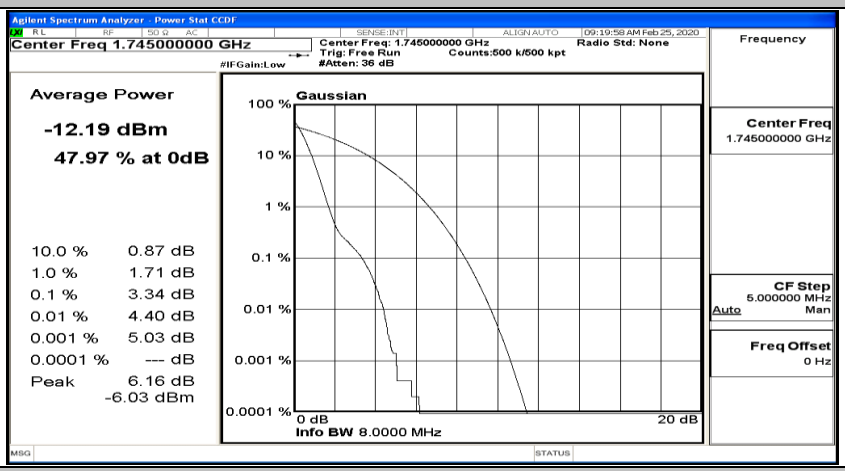
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



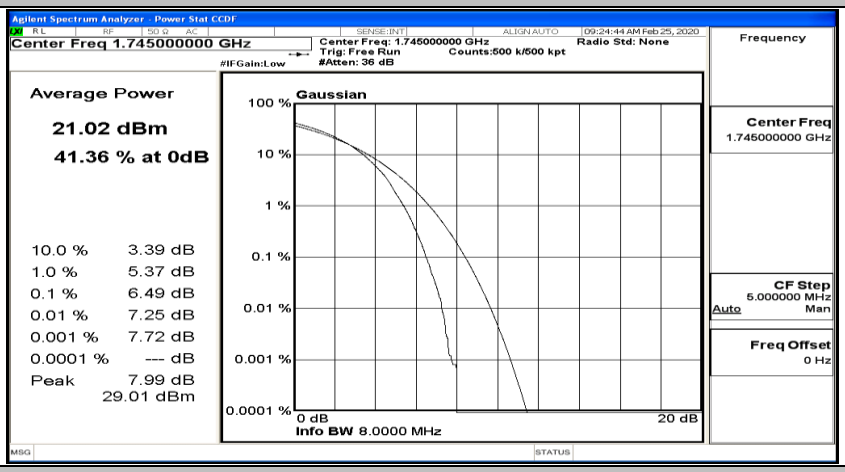
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



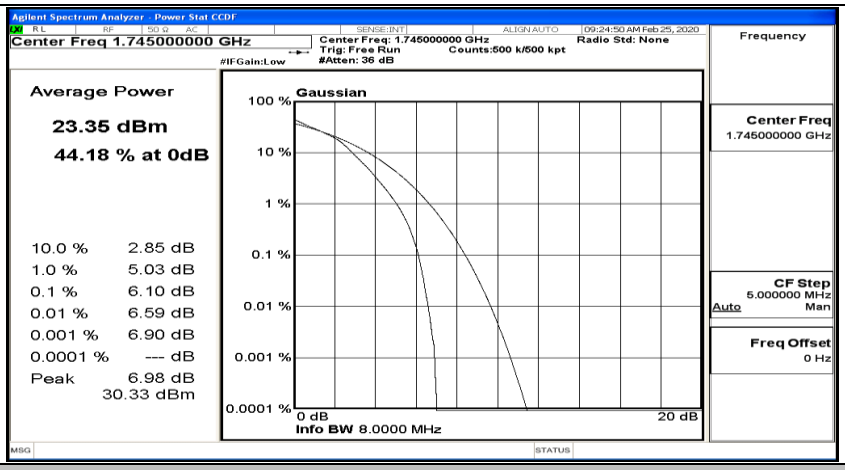
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



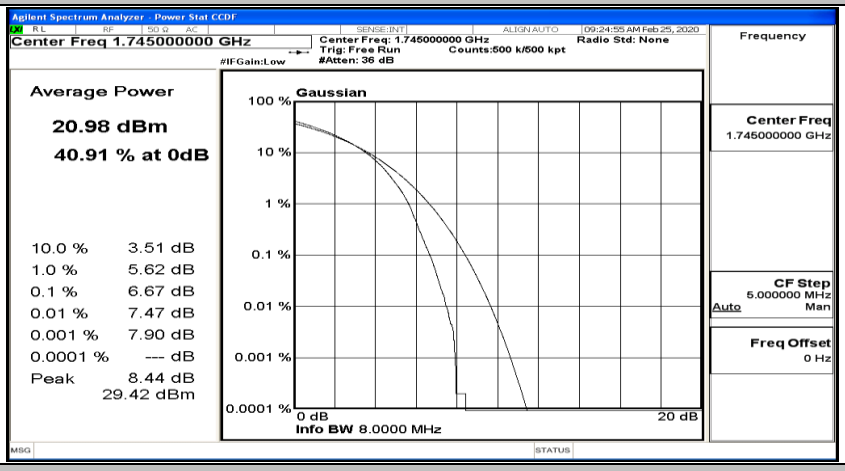
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



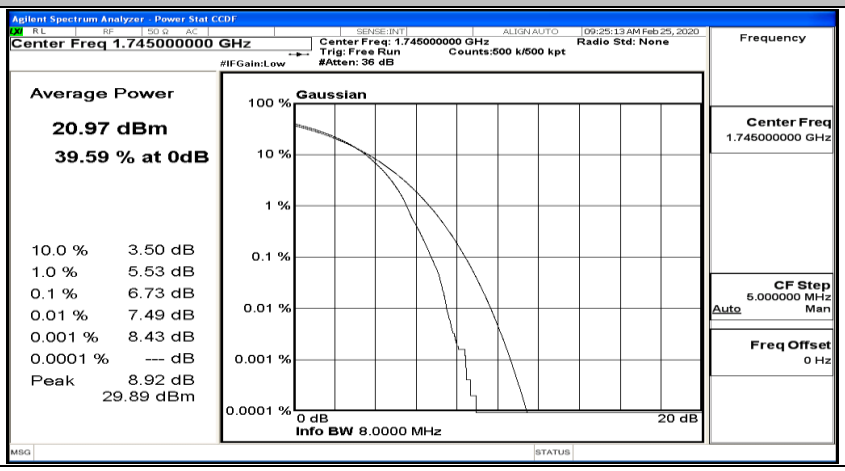
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#50



(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0



C.3: 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	0.21445	0.3162	PASS
		1	3	0.24334	0.4071	PASS
		1	5	0.21386	0.3272	PASS
		3	0	0.55071	0.7181	PASS
		3	2	0.55757	0.8213	PASS
		3	3	0.54766	0.6902	PASS
		6	0	1.0760	1.246	PASS
	MCH	1	0	0.21914	0.3451	PASS
		1	3	0.24681	0.3626	PASS
		1	5	0.21372	0.3134	PASS
		3	0	0.55171	0.7042	PASS
		3	2	0.55289	0.7523	PASS
		3	3	0.54983	0.7079	PASS
		6	0	1.0778	1.235	PASS
	HCH	1	0	0.21811	0.3271	PASS
		1	3	0.24895	0.4036	PASS
		1	5	0.21709	0.3302	PASS
		3	0	0.55183	0.7211	PASS
		3	2	0.55794	0.7779	PASS
		3	3	0.54548	0.6899	PASS
		6	0	1.0759	1.234	PASS
16QAM	LCH	1	0	0.22288	0.3475	PASS
		1	3	0.25189	0.4264	PASS
		1	5	0.22930	0.3312	PASS
		3	0	0.55411	0.7179	PASS
		3	2	0.56673	0.7784	PASS
		3	3	0.55483	0.7261	PASS
		6	0	1.0801	1.239	PASS
	MCH	1	0	0.21416	0.3337	PASS
		1	3	0.26021	0.3945	PASS

		1	5	2.7728	2.800	PASS
		3	0	0.55351	0.7071	PASS
		3	2	0.55859	0.7418	PASS
		3	3	0.55436	0.7097	PASS
		6	0	1.0799	1.248	PASS
	HCH	1	0	0.22857	0.3465	PASS
		1	3	0.25646	0.4192	PASS
		1	5	0.22179	0.3481	PASS
		3	0	0.55275	0.7027	PASS
		3	2	0.56279	0.7768	PASS
		3	3	0.55532	0.7128	PASS
		6	0	1.0810	1.239	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	0.23709	0.3561	PASS
		1	7	0.30927	0.5122	PASS
		1	14	0.23515	0.3545	PASS
		8	0	1.4452	1.667	PASS
		8	4	1.4510	1.799	PASS
		8	7	1.4425	1.662	PASS
		15	0	2.6832	2.894	PASS
	MCH	1	0	0.24467	0.3796	PASS
		1	7	5.9419	6.000	PASS
		1	14	0.23344	0.3467	PASS
		8	0	1.4497	1.630	PASS
		8	4	1.4526	1.752	PASS
		8	7	1.4469	1.657	PASS
		15	0	2.6836	2.883	PASS
	HCH	1	0	0.23597	0.3547	PASS
		1	7	0.31190	0.5267	PASS
		1	14	0.23682	0.3550	PASS
		8	0	1.4477	1.661	PASS
		8	4	1.4510	1.815	PASS
		8	7	1.4467	1.615	PASS
		15	0	2.6832	2.897	PASS

16QAM	LCH	1	0	0.23087	0.3541	PASS
		1	7	0.33145	0.5542	PASS
		1	14	0.23870	0.3477	PASS
		8	0	1.4449	1.674	PASS
		8	4	1.4543	1.816	PASS
		8	7	1.4472	1.694	PASS
		15	0	2.6801	2.914	PASS
	MCH	1	0	0.24344	0.3557	PASS
		1	7	0.31383	0.4699	PASS
		1	14	0.24415	0.3529	PASS
		8	0	1.4456	1.672	PASS
		8	4	1.4517	1.795	PASS
		8	7	1.4435	1.699	PASS
		15	0	2.6858	2.908	PASS
	HCH	1	0	0.23856	0.3708	PASS
		1	7	0.32447	0.4924	PASS
		1	14	0.23709	0.3220	PASS
		8	0	5.9482	6.000	PASS
		8	4	1.4481	1.832	PASS
		8	7	1.4446	1.711	PASS
		15	0	5.9463	6.000	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	0.28974	0.4586	PASS
		1	12	0.36750	0.5678	PASS
		1	24	0.28326	0.4397	PASS
		12	0	2.1775	2.567	PASS
		12	6	2.1806	2.692	PASS
		12	13	2.1739	2.510	PASS
		25	0	4.4677	4.782	PASS
	MCH	1	0	0.28442	0.4573	PASS
		1	12	0.37365	0.5694	PASS
		1	24	0.28941	0.4651	PASS
		12	0	2.1782	2.479	PASS
		12	6	2.1814	2.739	PASS
		12	13	2.1784	2.530	PASS

		25	0	4.4813	4.788	PASS
	HCH	1	0	0.29431	0.4430	PASS
		1	12	0.42295	0.6753	PASS
		1	24	0.29588	0.4897	PASS
		12	0	2.1803	2.524	PASS
		12	6	2.1854	2.747	PASS
		12	13	2.1814	2.556	PASS
		25	0	4.4798	4.793	PASS
16QAM	LCH	1	0	0.28293	0.4657	PASS
		1	12	0.39999	0.5707	PASS
		1	24	0.29380	0.4748	PASS
		12	0	2.1720	2.564	PASS
		12	6	2.1773	2.673	PASS
		12	13	2.1740	2.564	PASS
		25	0	4.4769	4.792	PASS
	MCH	1	0	0.28595	0.4381	PASS
		1	12	0.38860	0.5844	PASS
		1	24	0.29092	0.4731	PASS
		12	0	2.1775	2.562	PASS
		12	6	2.1751	2.669	PASS
		12	13	2.1703	2.549	PASS
		25	0	4.4699	4.810	PASS
	HCH	1	0	0.30035	0.4758	PASS
		1	12	0.40921	0.6097	PASS
		1	24	0.29339	0.4639	PASS
		12	0	2.1754	2.542	PASS
		12	6	2.1847	2.776	PASS
		12	13	2.1858	2.546	PASS
		25	0	4.4781	4.799	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	0.38711	0.5692	PASS
		1	25	0.45301	0.6975	PASS
		1	49	0.38316	0.5277	PASS
		25	0	4.5169	4.988	PASS
		25	12	4.5252	5.156	PASS
		25	25	4.5287	4.977	PASS
		50	0	8.9315	9.470	PASS

	MCH	1	0	0.39399	0.5674	PASS
		1	25	0.47227	0.7309	PASS
		1	49	0.38849	0.5760	PASS
		25	0	4.5291	5.044	PASS
		25	12	4.5153	5.171	PASS
		25	25	4.5168	5.004	PASS
		50	0	8.9435	9.446	PASS
	HCH	1	0	0.38918	0.5457	PASS
		1	25	0.46535	0.7631	PASS
		1	49	0.38610	0.5634	PASS
		25	0	4.5160	4.955	PASS
		25	12	4.5186	5.082	PASS
		25	25	4.5213	4.910	PASS
		50	0	8.9377	9.486	PASS
16QAM	LCH	1	0	0.38957	0.5651	PASS
		1	25	0.44398	0.6936	PASS
		1	49	0.38210	0.5470	PASS
		25	0	4.5175	4.891	PASS
		25	12	4.5141	5.079	PASS
		25	25	4.5181	4.955	PASS
		50	0	8.9261	9.457	PASS
	MCH	1	0	0.38739	0.5854	PASS
		1	25	0.46492	0.7204	PASS
		1	49	0.39419	0.5465	PASS
		25	0	4.5224	4.947	PASS
		25	12	4.5214	5.146	PASS
		25	25	4.5066	4.965	PASS
		50	0	8.9301	9.373	PASS
	HCH	1	0	0.38454	0.5731	PASS
		1	25	0.46468	0.7579	PASS
		1	49	0.38403	0.5622	PASS
		25	0	4.5173	4.942	PASS
		25	12	4.5079	5.147	PASS
		25	25	4.5150	4.913	PASS
		50	0	8.9348	9.533	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	0.49763	0.7286	PASS
		1	37	0.56264	0.7673	PASS
		1	74	0.48981	0.7283	PASS
		37	0	6.4832	7.138	PASS
		37	18	6.4944	7.250	PASS
		37	38	29.738	30.00	PASS
		75	0	13.378	14.04	PASS
	MCH	1	0	0.51032	0.7550	PASS
		1	37	0.59814	0.8580	PASS
		1	74	0.49197	0.7002	PASS
		37	0	6.5005	7.139	PASS
		37	18	6.4940	7.352	PASS
		37	38	6.4782	6.973	PASS
		75	0	13.408	14.04	PASS
	HCH	1	0	0.48604	0.6997	PASS
		1	37	0.56573	0.8045	PASS
		1	74	0.49473	0.7259	PASS
		37	0	6.4943	7.146	PASS
		37	18	6.5014	7.278	PASS
		37	38	6.4953	7.101	PASS
		75	0	13.406	14.04	PASS
16QAM	LCH	1	0	0.47449	0.7060	PASS
		1	37	0.57308	0.7953	PASS
		1	74	0.49092	0.7383	PASS
		37	0	6.4675	7.039	PASS
		37	18	6.4948	7.264	PASS
		37	38	6.4960	7.092	PASS
		75	0	13.381	13.96	PASS
	MCH	1	0	0.49639	0.7233	PASS
		1	37	0.57255	0.8350	PASS
		1	74	0.49069	0.7279	PASS
		37	0	6.4934	7.120	PASS
		37	18	6.4929	7.419	PASS
		37	38	6.4878	7.008	PASS
		75	0	13.395	14.02	PASS
	HCH	1	0	0.49677	0.6992	PASS
		1	37	0.56403	0.7901	PASS
		1	74	0.49278	0.6775	PASS
		37	0	6.4934	7.169	PASS
		37	18	6.5036	7.493	PASS
		37	38	6.5051	7.155	PASS
		75	0	13.401	14.01	PASS

Channel Bandwidth: 20 MHz

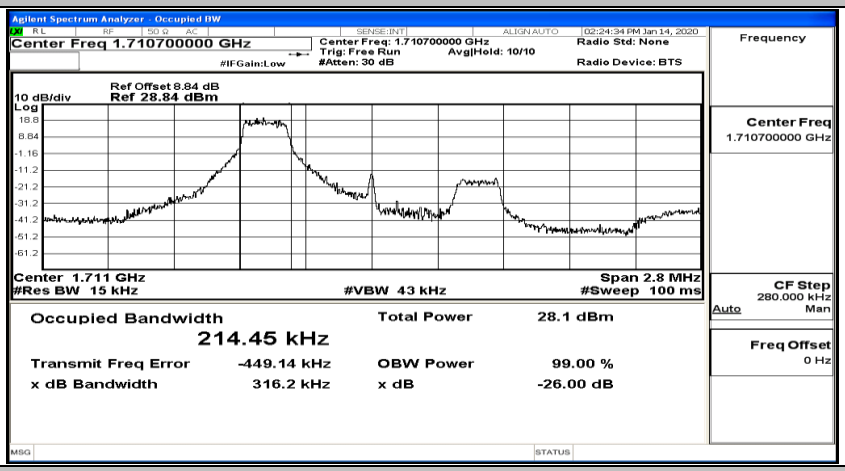
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.57807	0.8451	PASS
		1	50	0.62153	0.9011	PASS
		1	99	0.58156	0.8343	PASS
		50	0	9.0014	9.598	PASS
		50	25	8.9694	9.796	PASS
		50	50	8.9774	9.614	PASS
		100	0	17.799	18.56	PASS
	MCH	1	0	0.57979	0.8078	PASS
		1	50	0.63002	0.8803	PASS
		1	99	0.58372	0.8472	PASS
		50	0	9.0018	9.642	PASS
		50	25	9.0104	9.888	PASS
		50	50	8.9785	9.647	PASS
		100	0	17.835	18.60	PASS
	HCH	1	0	0.57484	0.8208	PASS
		1	50	0.65172	0.9738	PASS
		1	99	0.58412	0.8757	PASS
		50	0	8.9673	9.577	PASS
		50	25	8.9870	9.707	PASS
		50	50	8.9994	9.622	PASS
		100	0	17.866	18.58	PASS
16QAM	LCH	1	0	0.58106	0.8183	PASS
		1	50	0.63502	0.9454	PASS
		1	99	0.55921	0.7762	PASS
		50	0	9.0005	9.668	PASS
		50	25	8.9746	9.782	PASS
		50	50	8.9685	9.595	PASS
		100	0	17.806	18.50	PASS
	MCH	1	0	0.57094	0.8362	PASS
		1	50	0.62669	0.8414	PASS
		1	99	0.56706	0.8383	PASS
		50	0	8.9979	9.680	PASS
		50	25	9.0039	9.903	PASS
		50	50	8.9797	9.597	PASS
		100	0	17.852	18.58	PASS
	HCH	1	0	0.58430	0.8764	PASS

		1	50	0.67118	0.9748	PASS
		1	99	0.56211	0.7799	PASS
		50	0	8.9723	9.714	PASS
		50	25	8.9926	9.914	PASS
		50	50	8.9982	9.740	PASS
		100	0	17.834	18.62	PASS

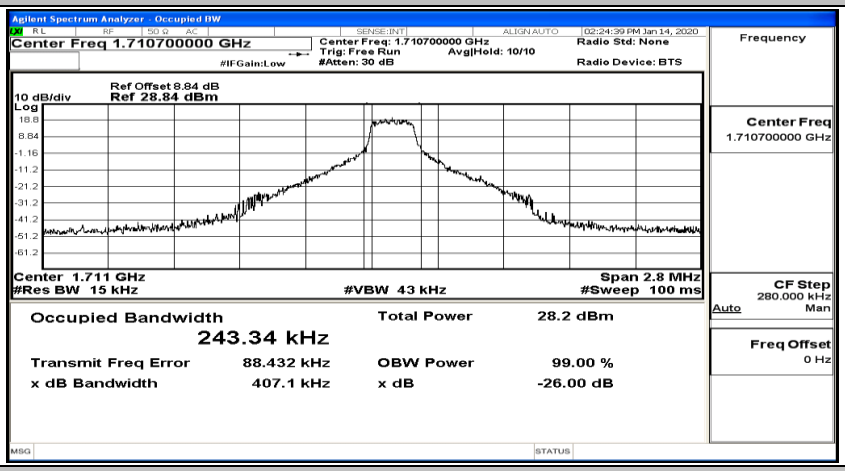
Test Graphs

Channel Bandwidth: 1.4 MHz

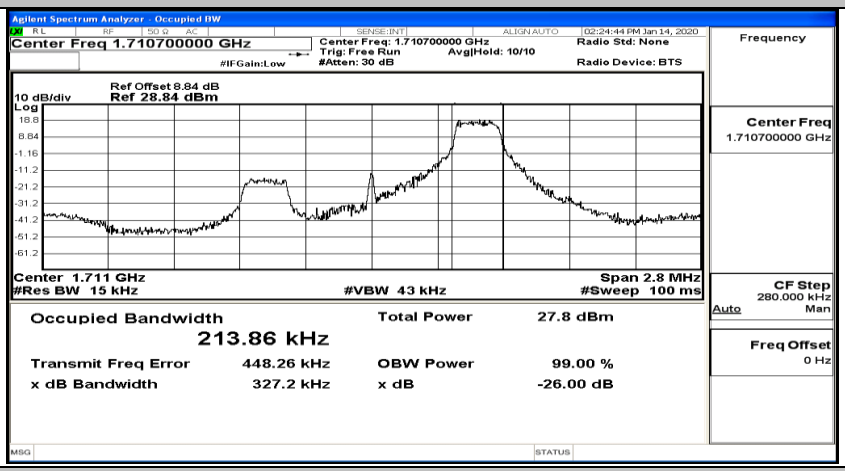
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



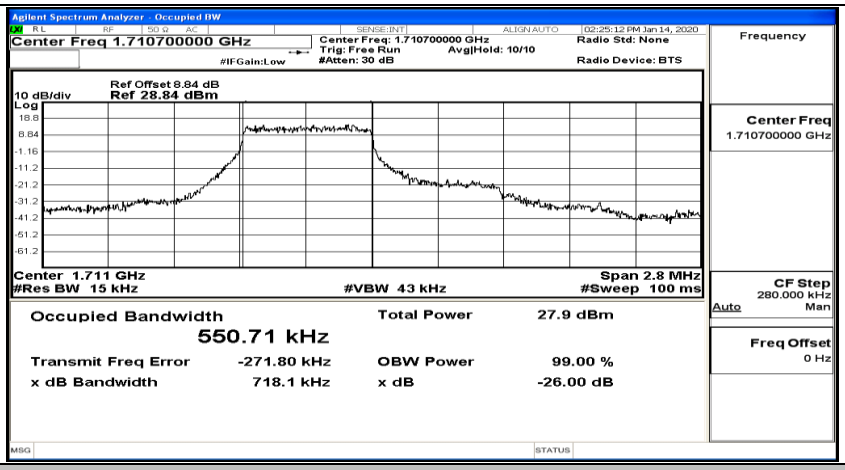
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



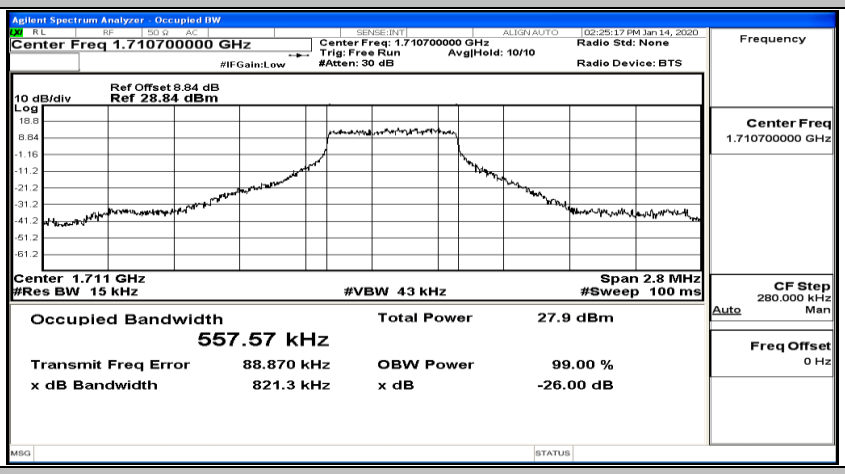
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



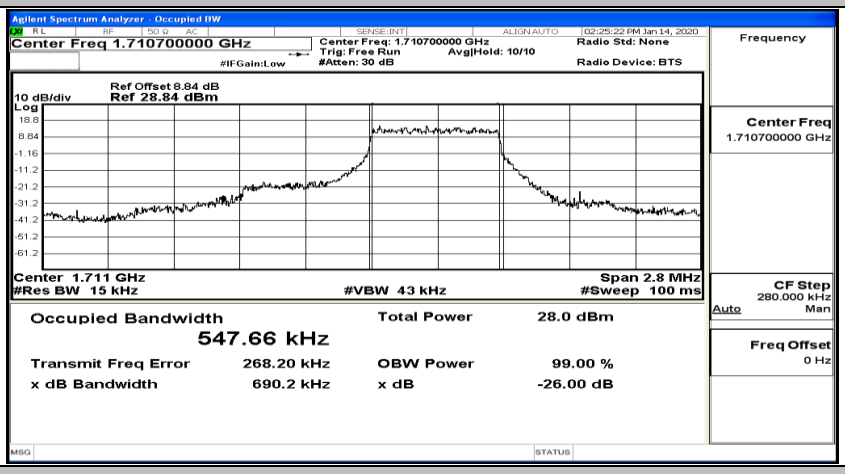
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



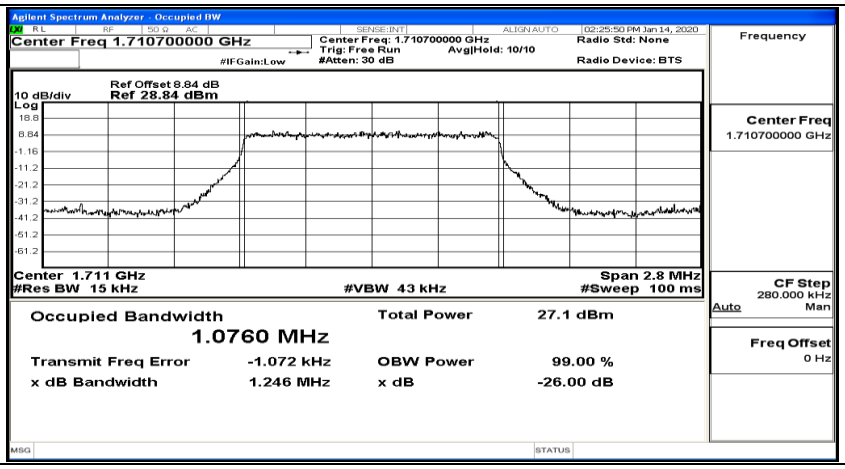
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



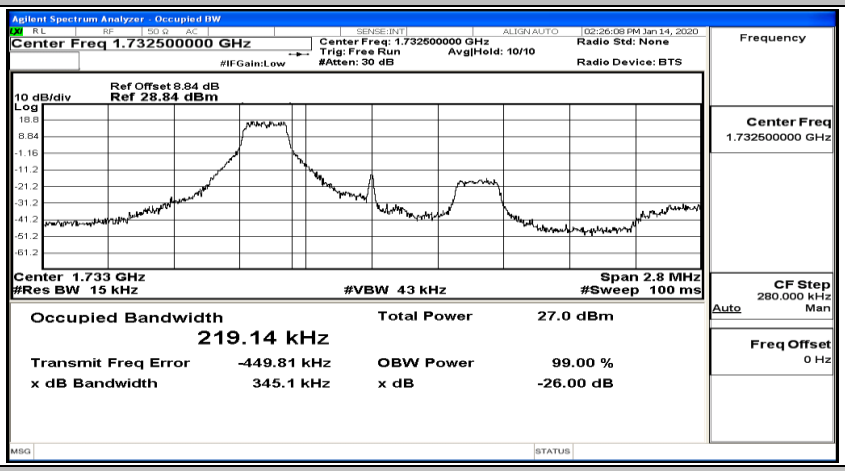
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



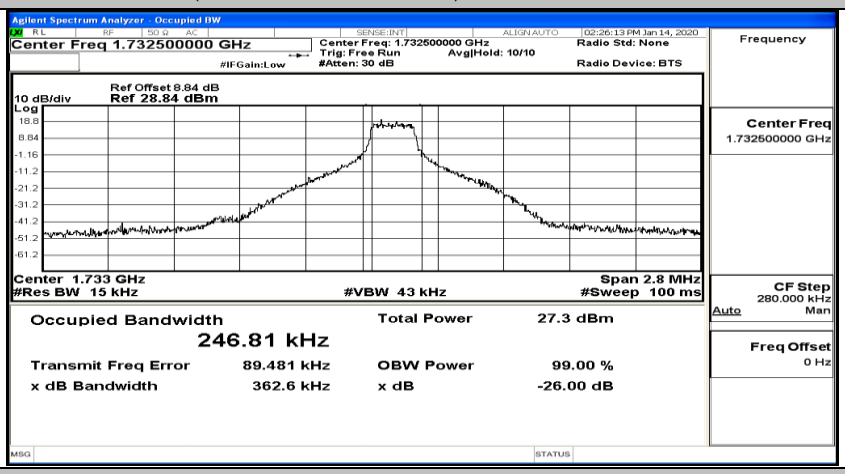
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



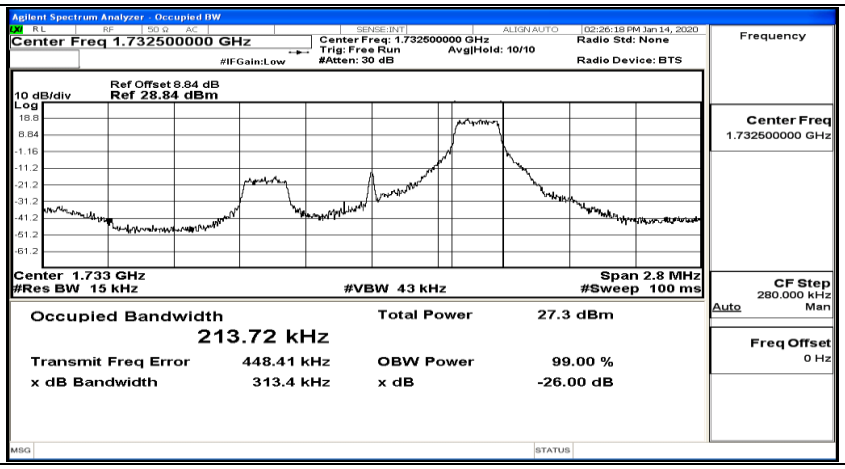
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



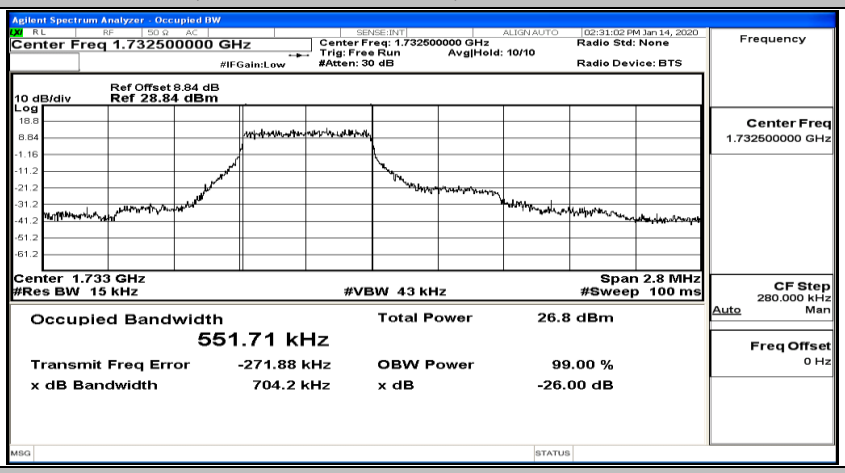
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



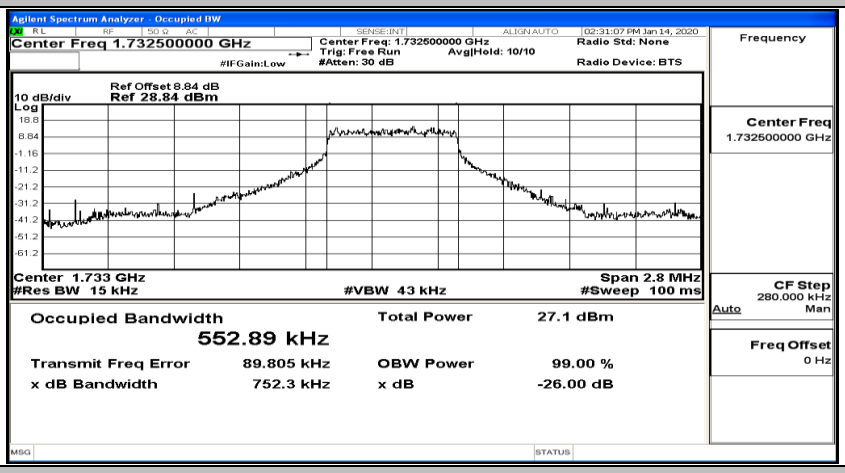
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



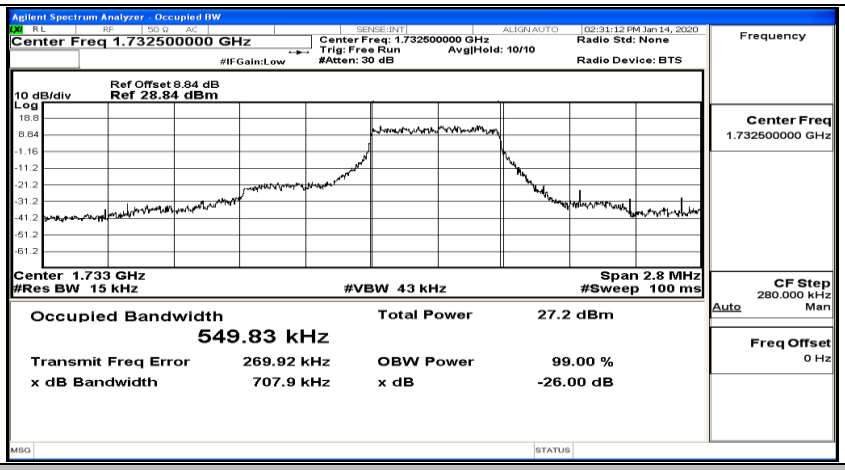
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



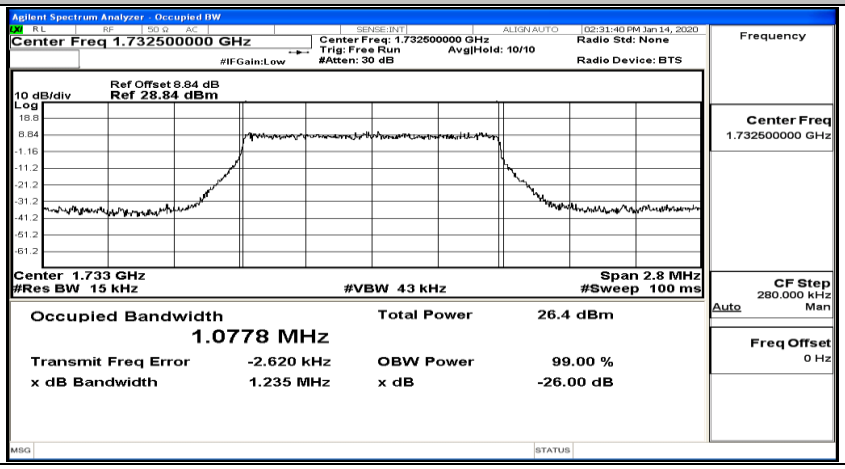
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



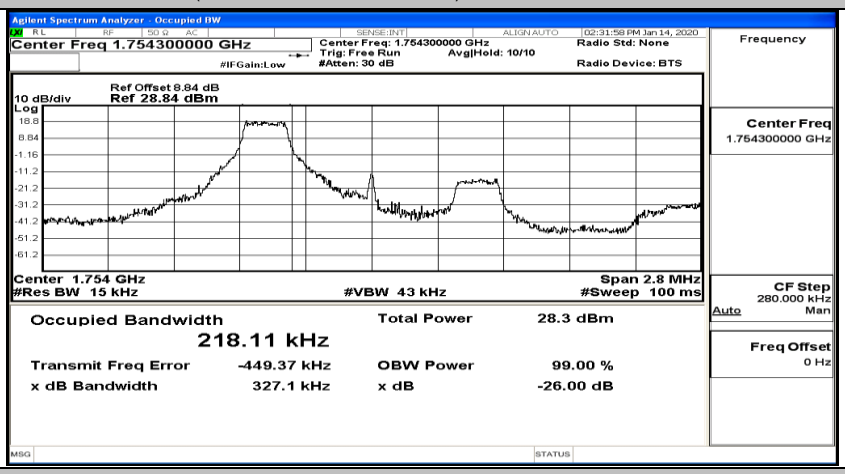
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



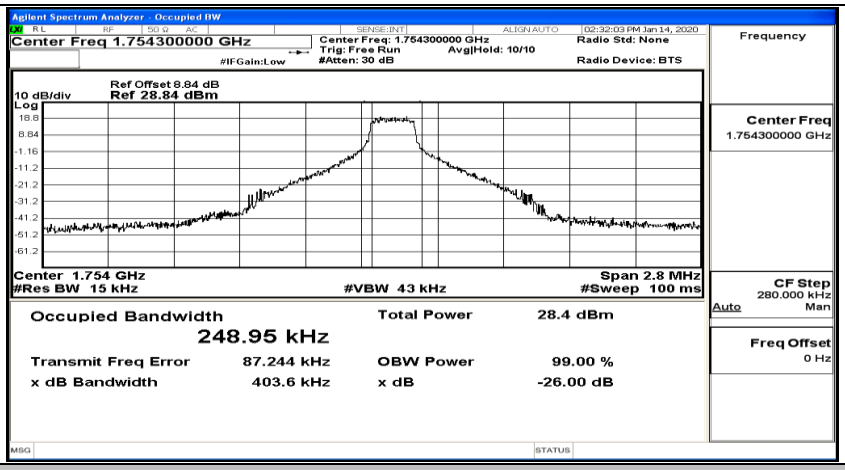
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



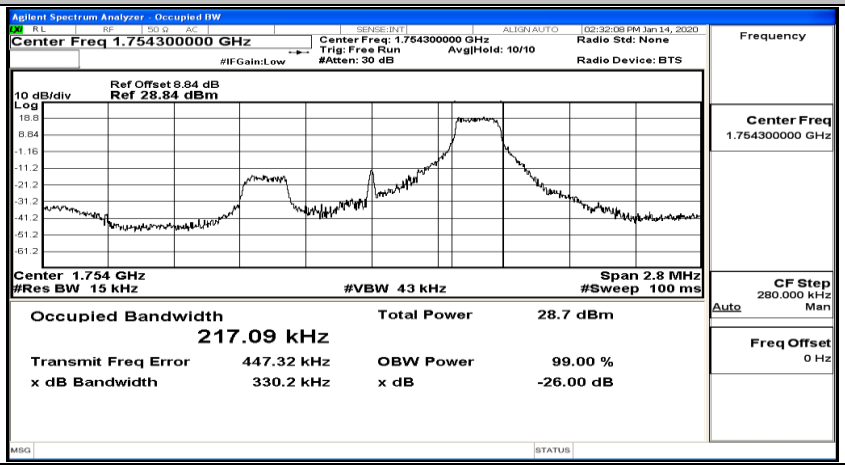
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



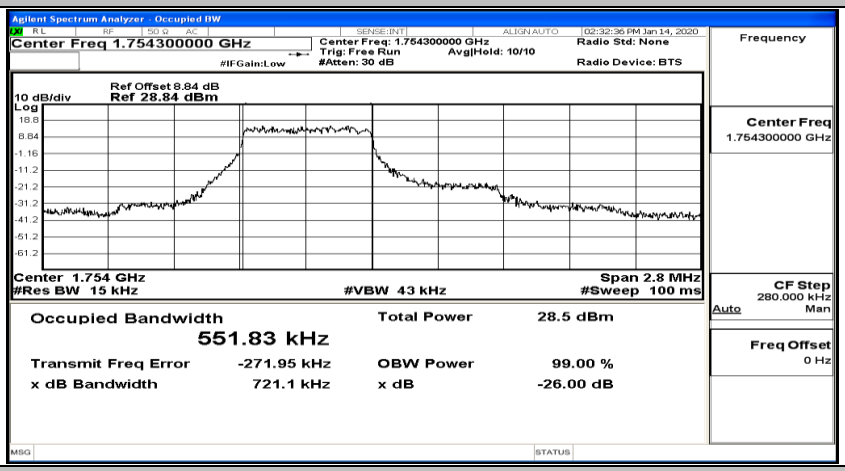
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



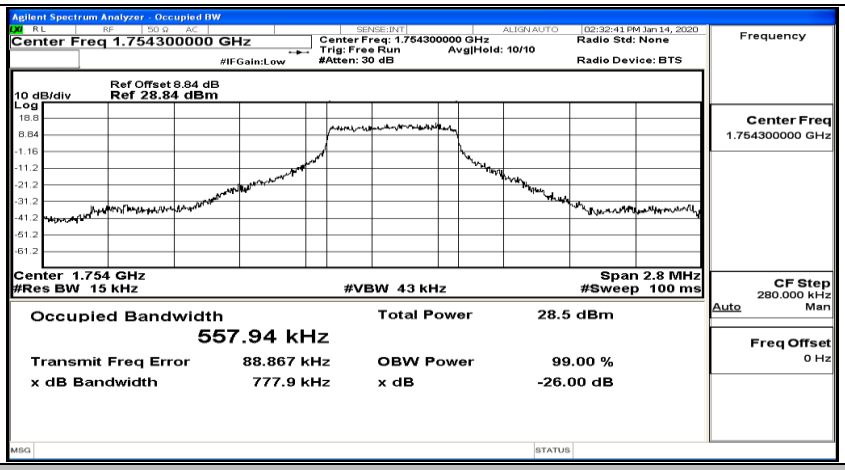
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



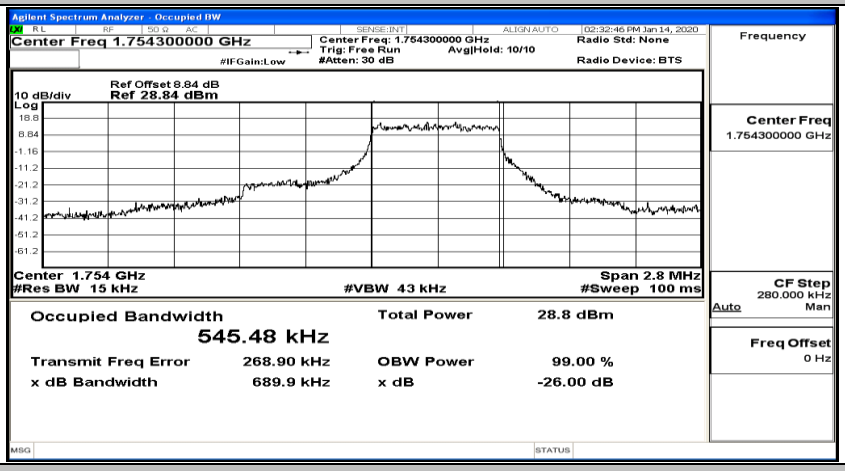
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



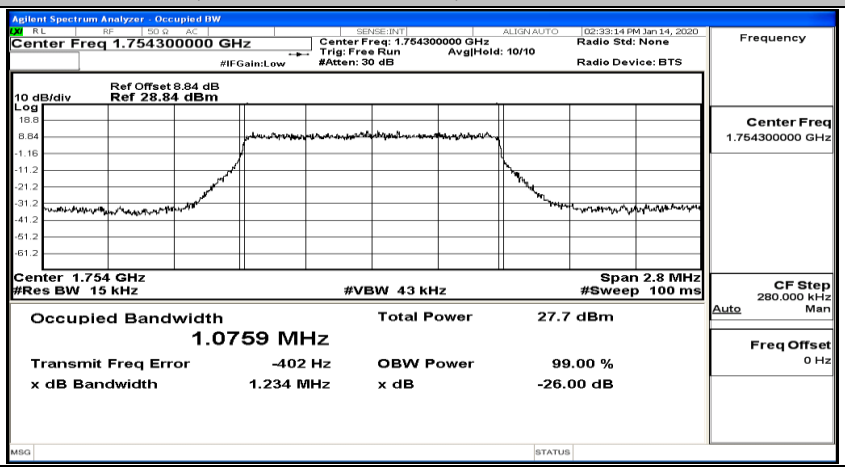
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



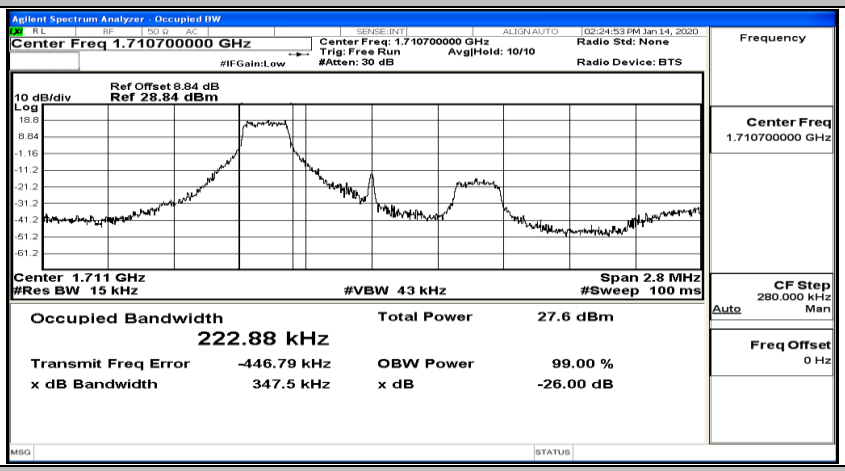
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



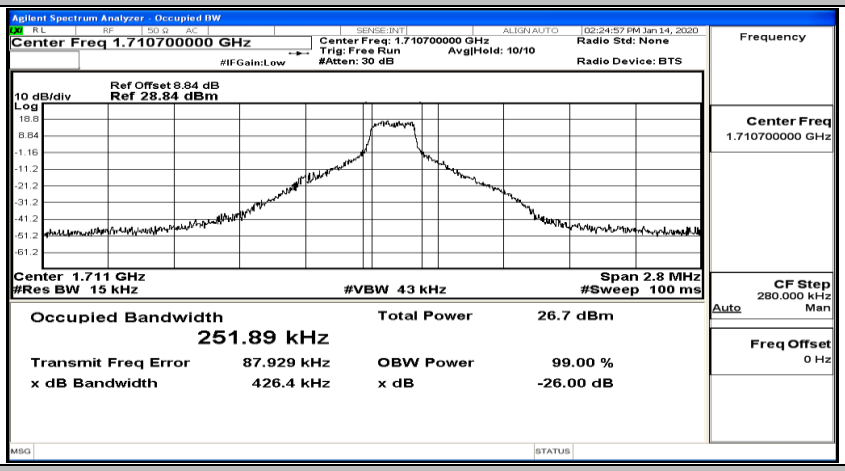
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



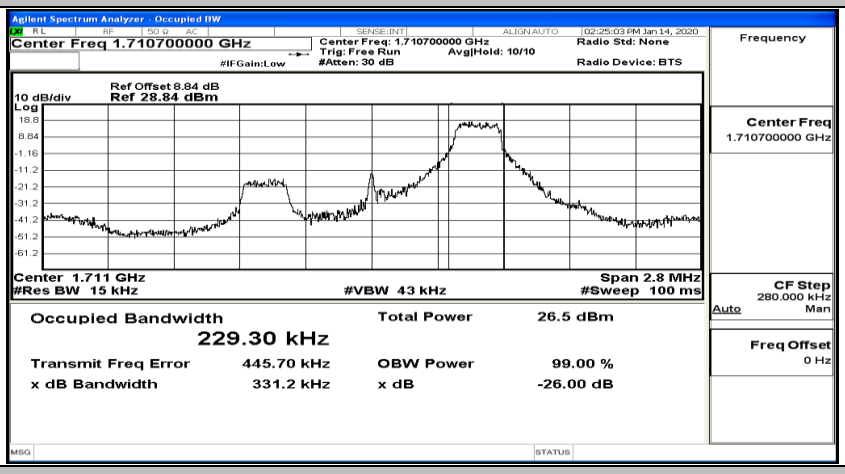
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



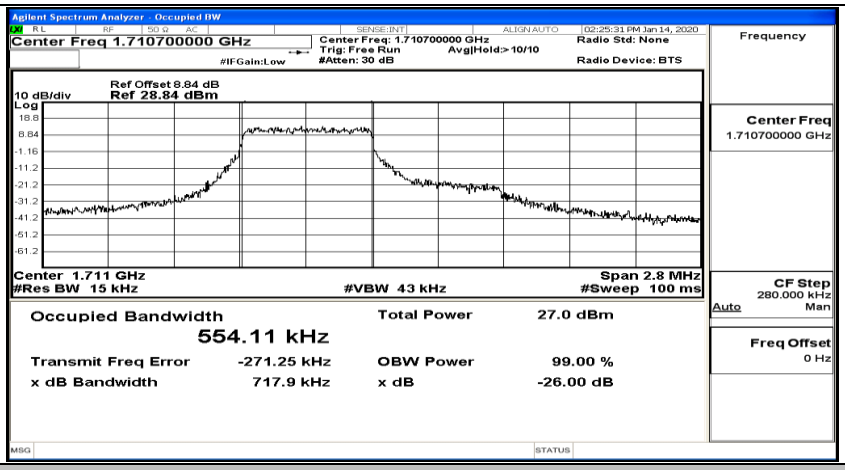
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



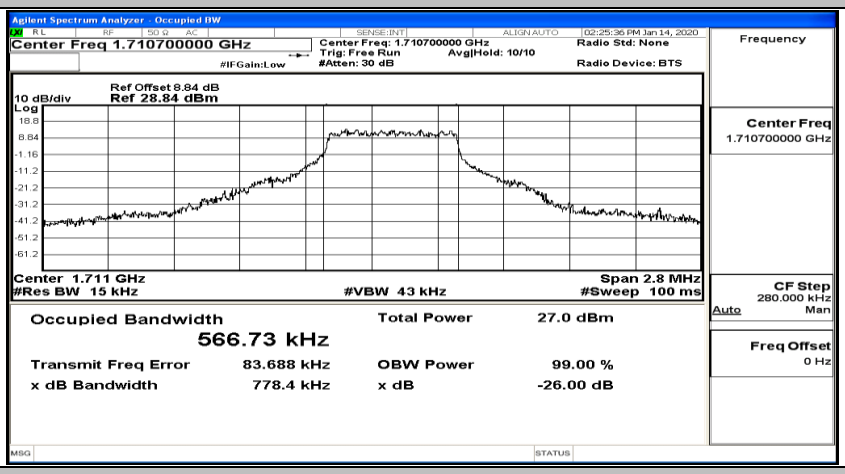
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



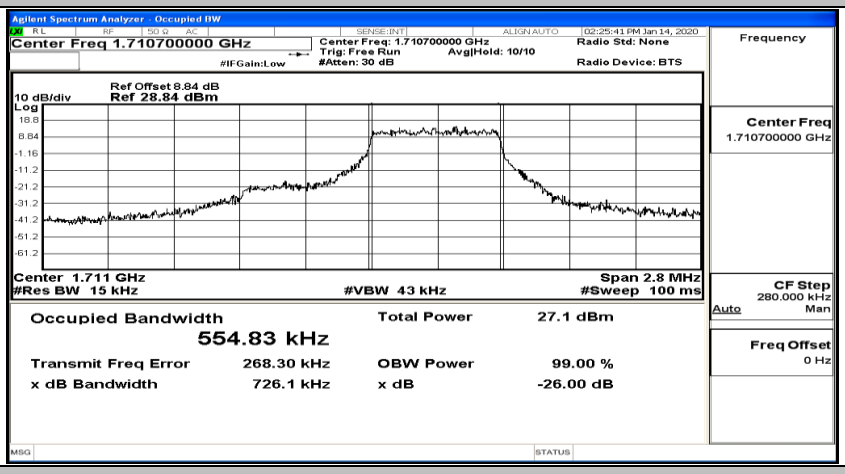
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



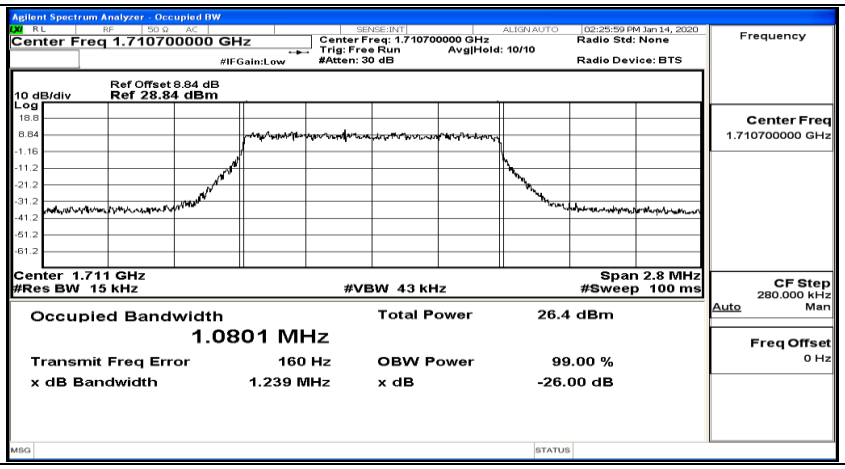
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



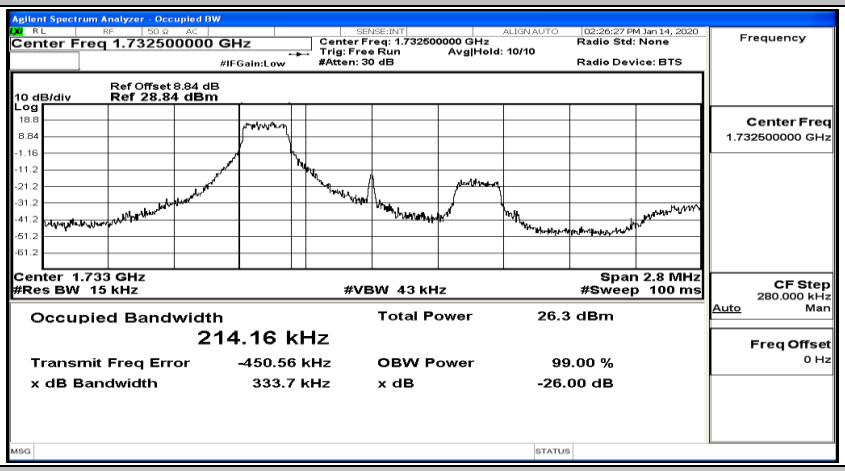
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



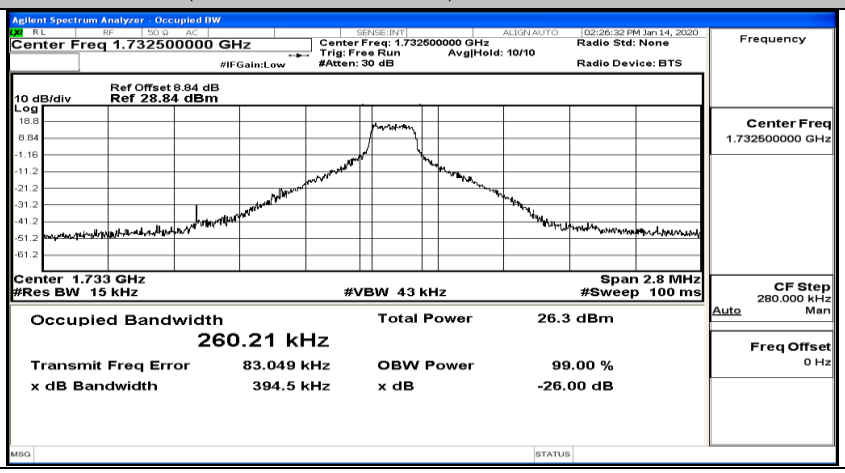
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



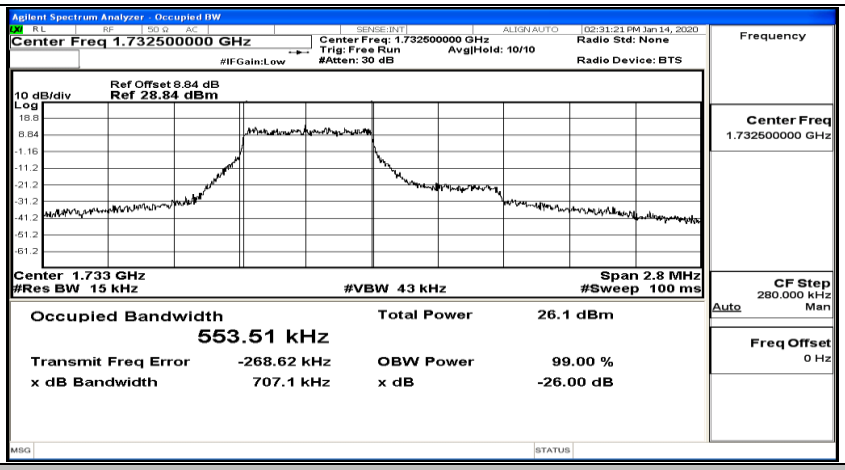
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



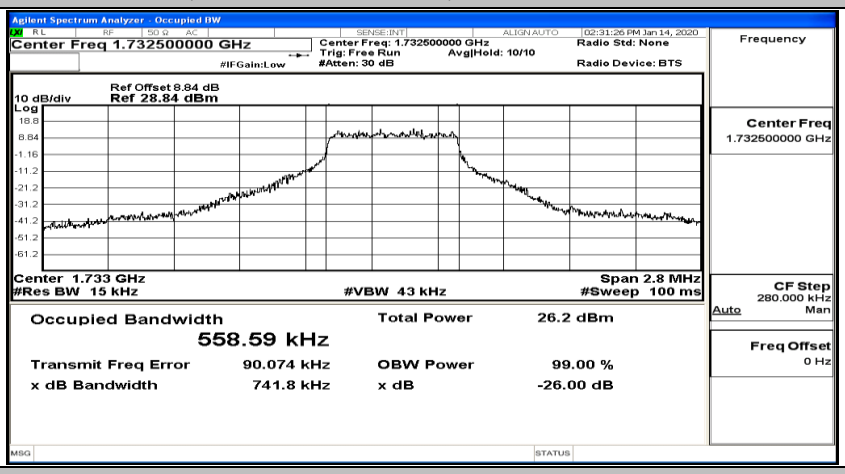
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



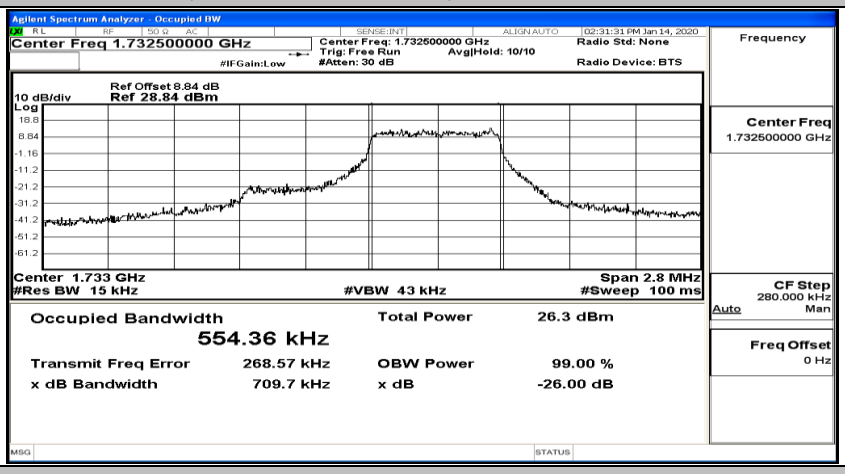
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



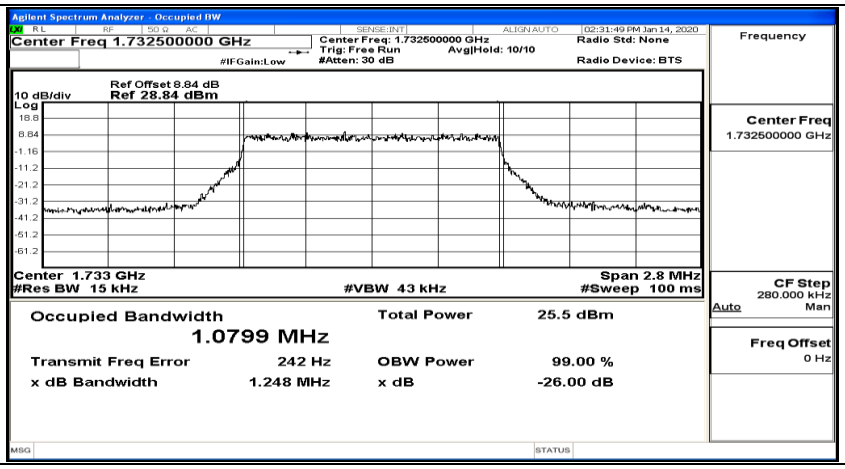
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



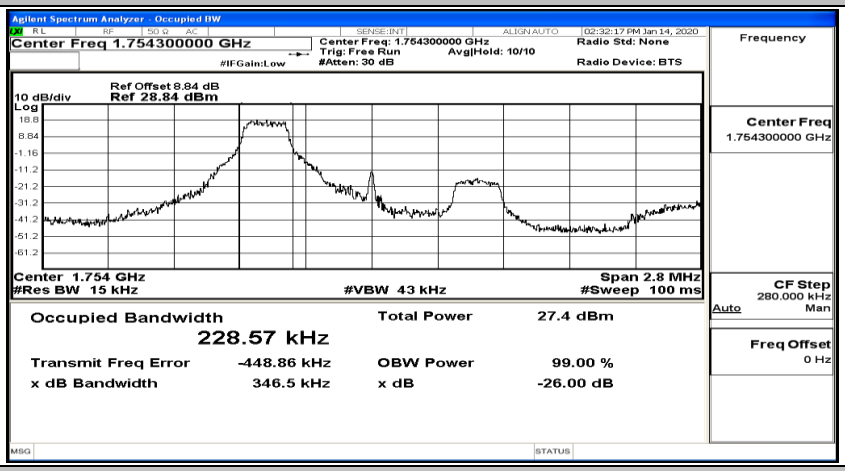
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



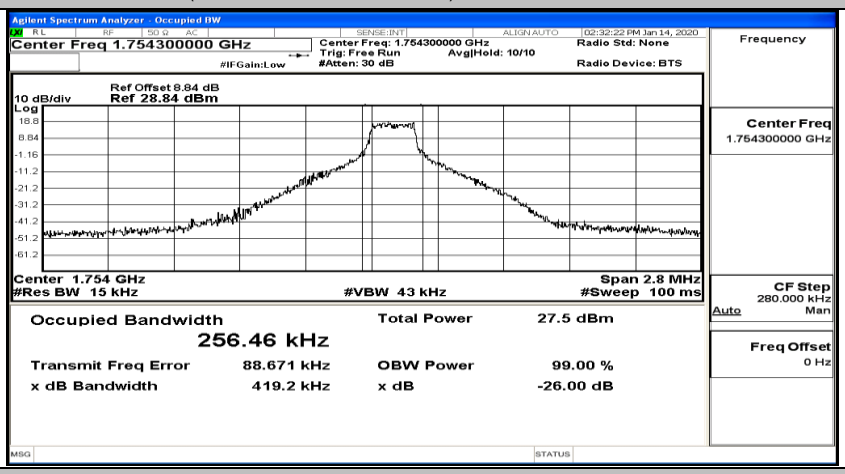
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



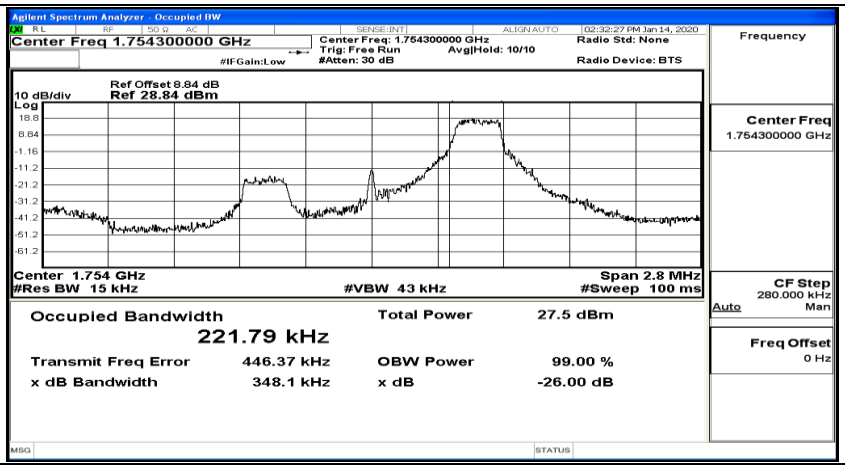
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



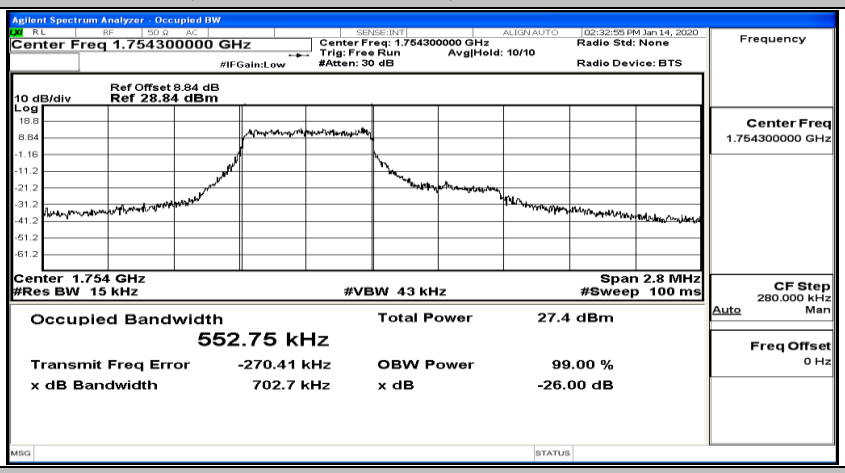
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



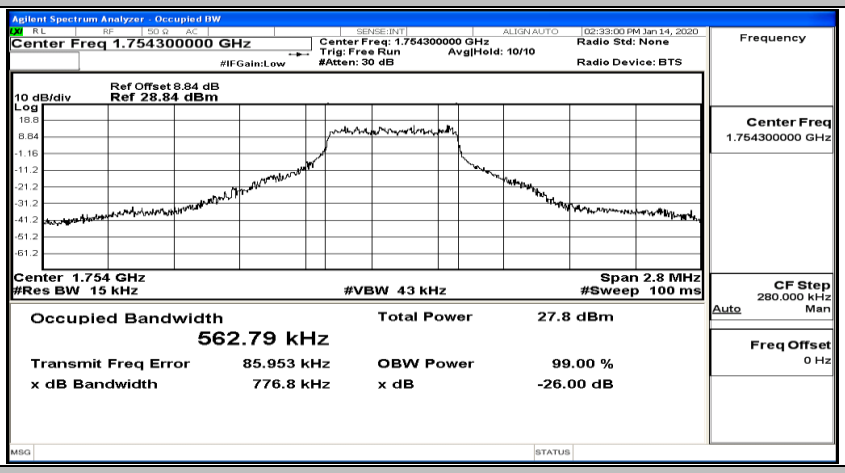
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



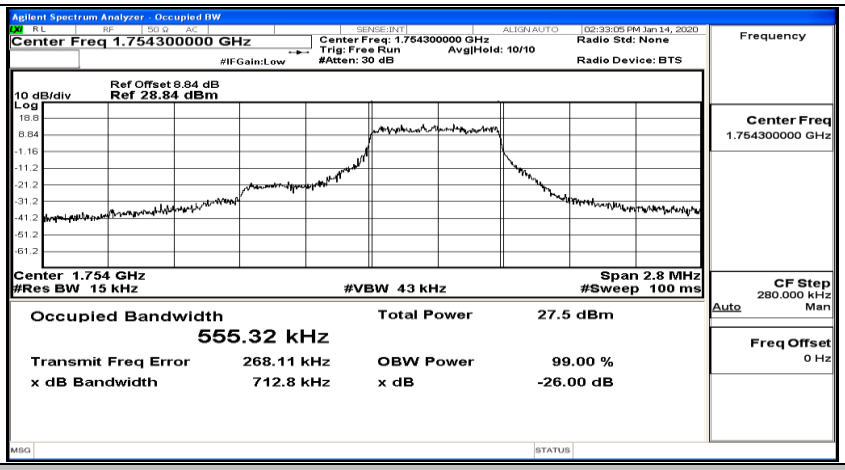
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



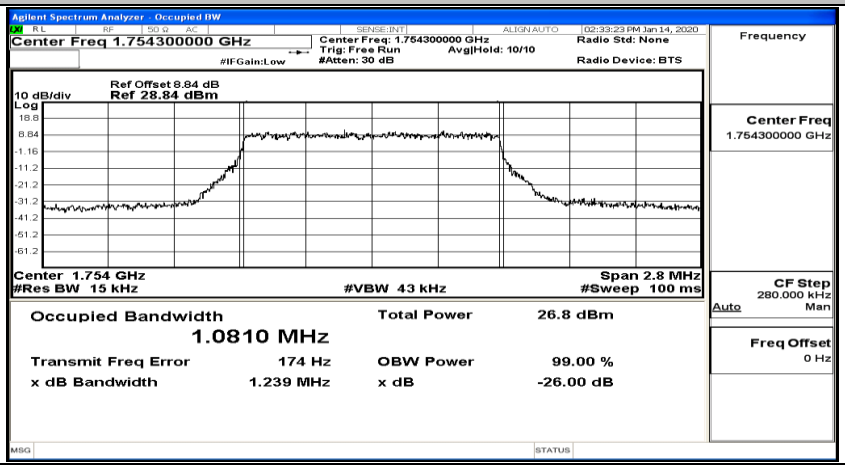
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

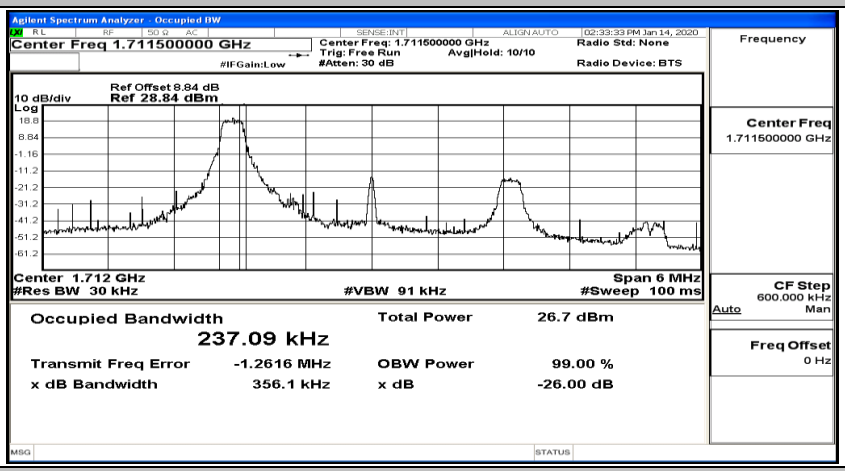


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

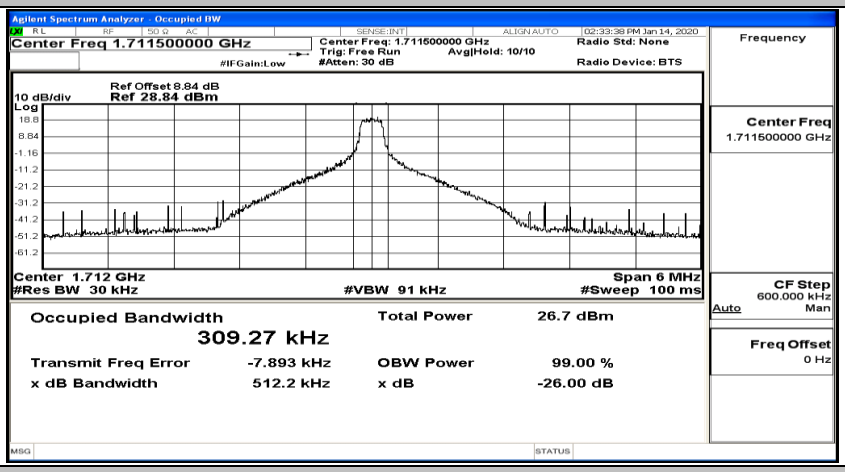


Channel Bandwidth: 3 MHz

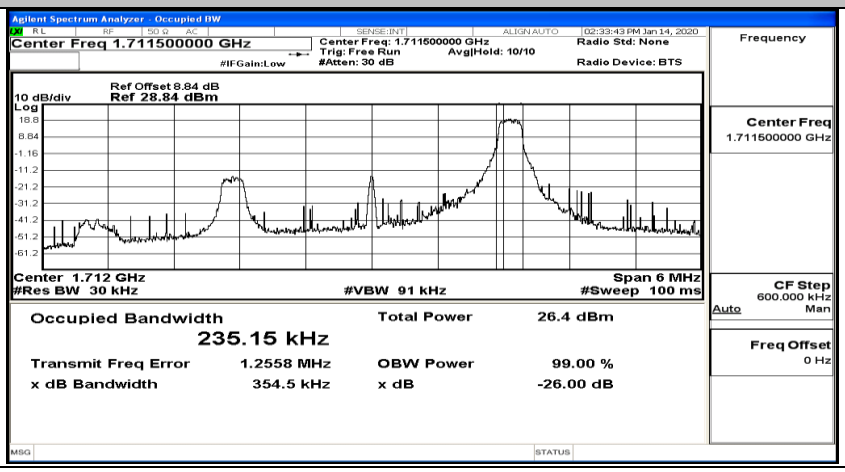
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



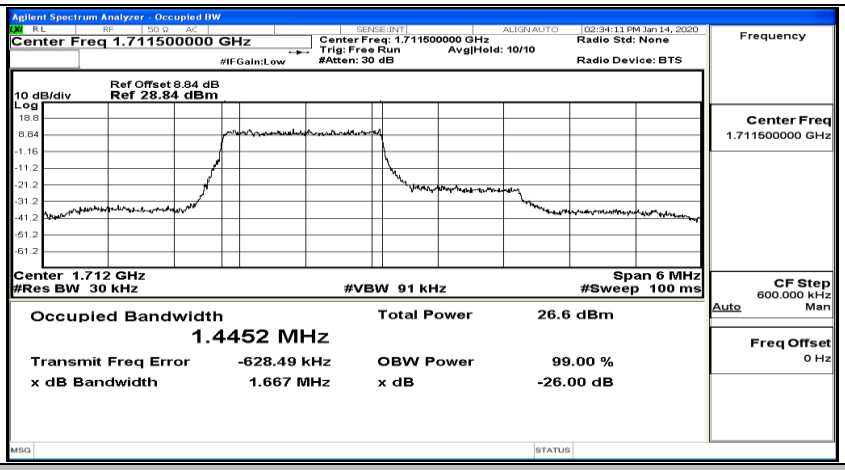
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



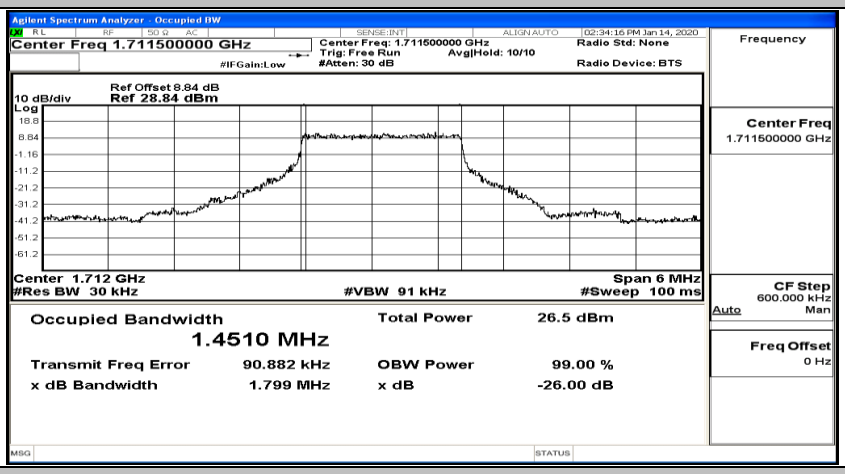
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



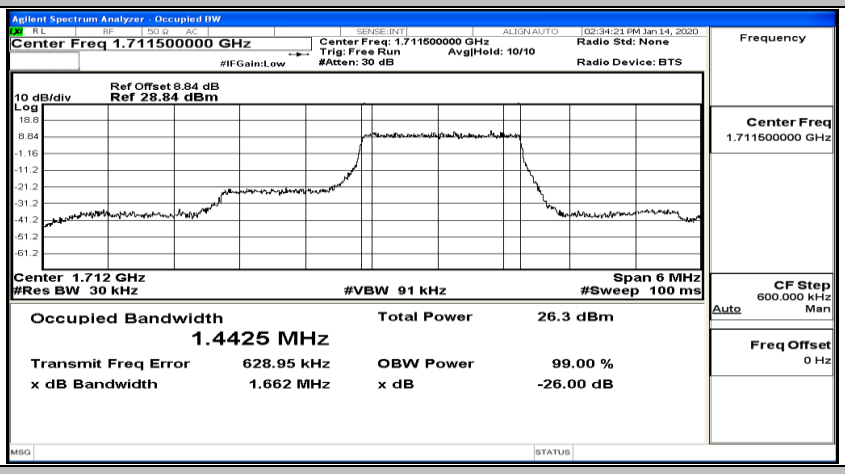
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



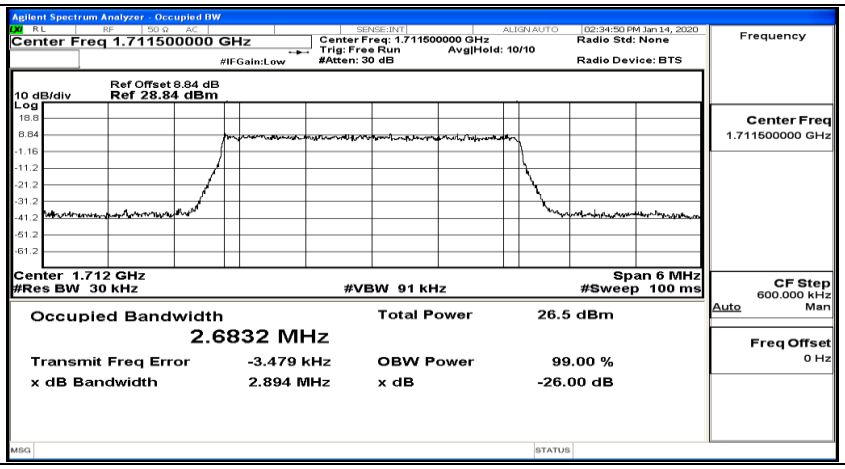
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



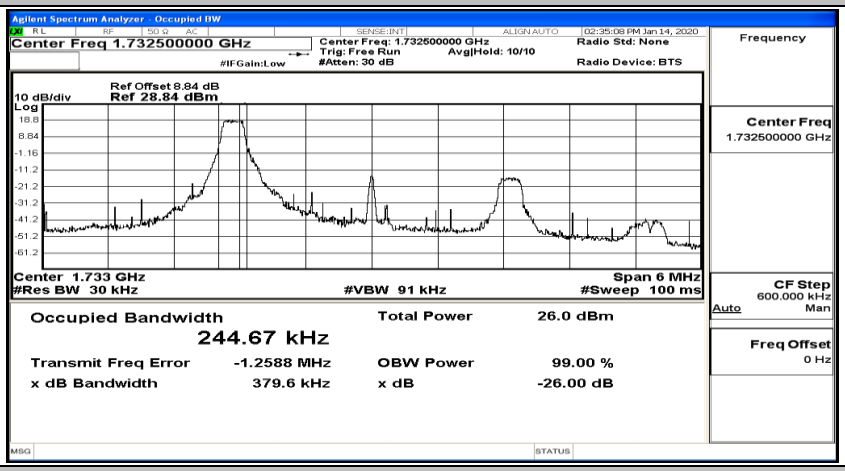
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



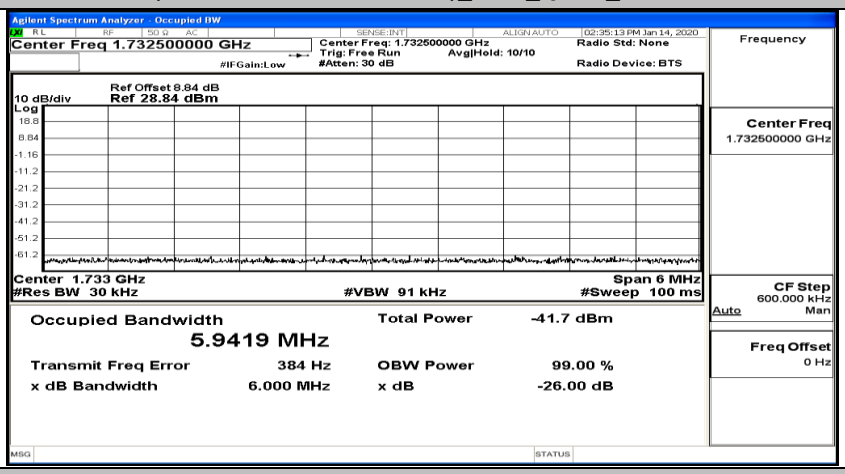
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



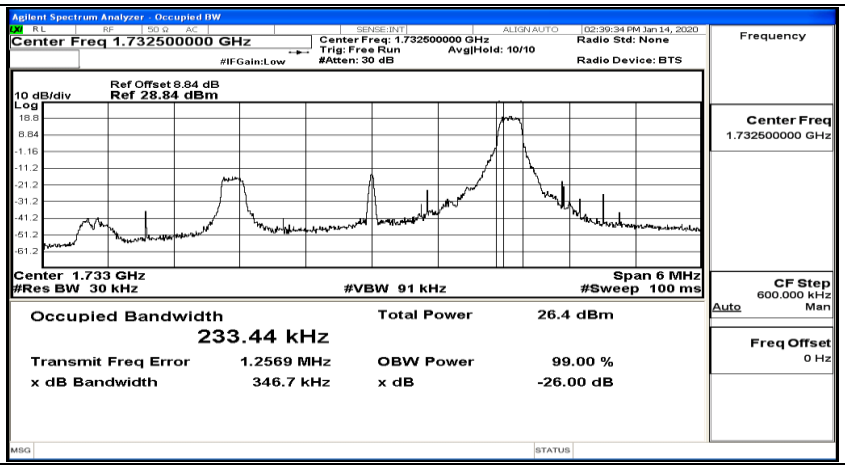
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



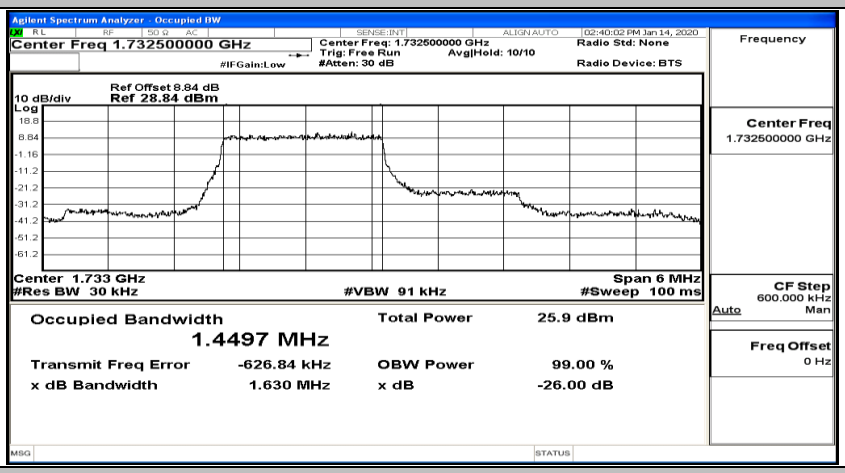
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



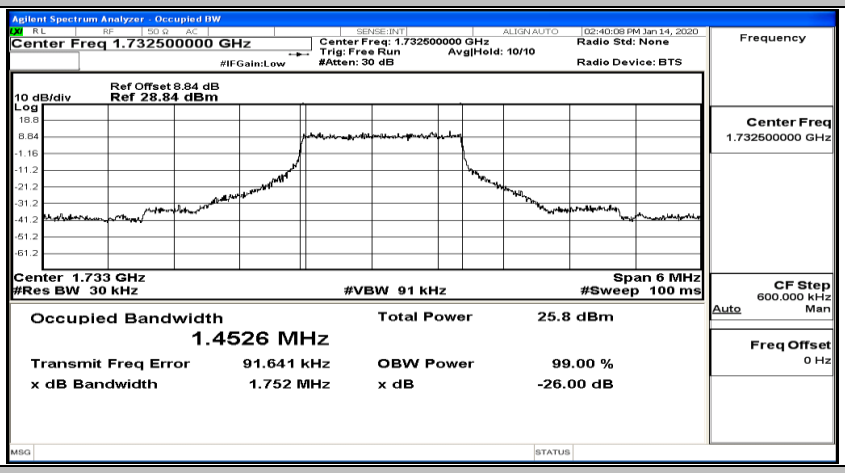
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7