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5. Frequency Stability

5.1 Environmental Conditions

Temperature:	Supply Voltage
20°C	DC 3.3-4.2V declared by manufacturer
-30°C to +50°C	Normal

5.2 Test Datas

Channel Bar	ndwidth: 5	MHz					
Voltage	T	T	T _		T =	1	1
Modulation	Channe	Voltage	Temperature	Deviation	Deviation	Limit	Verdict
woodiation	I	[Vdc]	(°C)	(Hz)	(ppm)	(ppm)	
		VL	TN	5.36	0.002142	± 2.5	PASS
	LCH	VN	TN	2	0.000799	± 2.5	PASS
		VH	TN	1.4	0.000559	± 2.5	PASS
		VL	TN	-1.71	-0.000675	± 2.5	PASS
QPSK	MCH	VN	TN	2.12	0.000836	± 2.5	PASS
		VH	TN	3.95	0.001558	± 2.5	PASS
		VL	TN	2.94	0.001145	± 2.5	PASS
	HCH	VN	TN	2.05	0.000798	± 2.5	PASS
		VH	TN	0.64	0.000249	± 2.5	PASS
		VL	TN	1.07	0.000428	± 2.5	PASS
	LCH	VN	TN	3.87	0.001546	± 2.5	PASS
		VH	TN	3.9	0.001558	± 2.5	PASS
		VL	TN	-1.3	-0.000513	± 2.5	PASS
16QAM	MCH	VN	TN	-1.36	-0.000536	± 2.5	PASS
		VH	TN	3.93	0.001550	± 2.5	PASS
		VL	TN	1.03	0.000401	± 2.5	PASS
	HCH	VN	TN	0.7	0.000273	± 2.5	PASS
		VH	TN	3.38	0.001316	± 2.5	PASS
Temperature	e	•		-	-	•	•
	Channe	Voltage	Temperature	Deviation	Deviation	Limit	\/a =d:a
Modulation	1	[Vdc]	(°C)	(Hz)	(ppm)	(ppm)	Verdict
		VN	-30	1.32	0.000527	± 2.5	PASS
		VN	-20	3.43	0.001371	± 2.5	PASS
		VN	-10	0.14	0.000056	± 2.5	PASS
		VN	0	4.73	0.001890	± 2.5	PASS
	LCH	VN	10	0.89	0.000356	± 2.5	PASS
		VN	20	1.65	0.000659	± 2.5	PASS
		VN	30	0.29	0.000116	± 2.5	PASS
		VN	40	1.38	0.000551	± 2.5	PASS
							PASS
_		l VN	1 50	1 -0.78	-0.000312	± 2.5	FASS
00014		VN VN	50 -30	-0.78 2.01	-0.000312 0.000793	± 2.5	
QPSK		VN	-30	2.01	0.000793	± 2.5	PASS
QPSK		VN VN	-30 -20	2.01 0.07	0.000793 0.000028	± 2.5 ± 2.5	PASS PASS
QPSK		VN VN VN	-30 -20 -10	2.01 0.07 4.84	0.000793 0.000028 0.001909	± 2.5 ± 2.5 ± 2.5	PASS PASS PASS
QPSK	MCH	VN VN VN	-30 -20 -10 0	2.01 0.07 4.84 2.38	0.000793 0.000028 0.001909 0.000939	± 2.5 ± 2.5 ± 2.5 ± 2.5	PASS PASS PASS PASS
QPSK	мсн	VN VN VN VN	-30 -20 -10 0	2.01 0.07 4.84 2.38 -0.48	0.000793 0.000028 0.001909 0.000939 -0.000189	± 2.5 ± 2.5 ± 2.5 ± 2.5 ± 2.5	PASS PASS PASS PASS
QPSK	мсн	VN VN VN VN VN	-30 -20 -10 0 10 20	2.01 0.07 4.84 2.38 -0.48 -0.86	0.000793 0.000028 0.001909 0.000939 -0.000189 -0.000339	± 2.5 ± 2.5 ± 2.5 ± 2.5 ± 2.5 ± 2.5	PASS PASS PASS PASS PASS
QPSK	мсн	VN VN VN VN VN VN VN VN VN	-30 -20 -10 0 10 20 30	2.01 0.07 4.84 2.38 -0.48 -0.86 2.76	0.000793 0.000028 0.001909 0.000939 -0.000189 -0.000339 0.001089	± 2.5 ± 2.5 ± 2.5 ± 2.5 ± 2.5 ± 2.5 ± 2.5 ± 2.5	PASS PASS PASS PASS PASS PASS
QPSK	мсн	VN	-30 -20 -10 0 10 20 30 40	2.01 0.07 4.84 2.38 -0.48 -0.86 2.76 -1.73	0.000793 0.000028 0.001909 0.000939 -0.000189 -0.000339 0.001089 -0.000682	± 2.5 ± 2.5 ± 2.5 ± 2.5 ± 2.5 ± 2.5 ± 2.5 ± 2.5	PASS PASS PASS PASS PASS PASS PASS PASS
QPSK	МСН	VN VN VN VN VN VN VN VN VN	-30 -20 -10 0 10 20 30	2.01 0.07 4.84 2.38 -0.48 -0.86 2.76	0.000793 0.000028 0.001909 0.000939 -0.000189 -0.000339 0.001089	± 2.5 ± 2.5 ± 2.5 ± 2.5 ± 2.5 ± 2.5 ± 2.5 ± 2.5	PASS PASS PASS PASS PASS PASS

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		VN	-10	3.8	0.001480	± 2.5	PASS
		VN	0	4.78	0.001862	± 2.5	PASS
		VN	10	-1.48	-0.000576	± 2.5	PASS
		VN	20	0.68	0.000265	± 2.5	PASS
		VN	30	0.78	0.000304	± 2.5	PASS
		VN	40	4.95	0.001928	± 2.5	PASS
		VN	50	4.6	0.001792	± 2.5	PASS
		VN	-30	1.63	0.000651	± 2.5	PASS
		VN	-20	4.51	0.001802	± 2.5	PASS
	VN	-10	2.32	0.000927	± 2.5	PASS	
		VN	0	4.97	0.001986	± 2.5	PASS
	LCH	VN	10	2.56	0.001023	± 2.5	PASS
		VN	20	1.38	0.000551	± 2.5	PASS
		VN	30	2.2	0.000879	± 2.5	PASS
		VN	40	4.87	0.001946	± 2.5	PASS
		VN	50	-0.86	-0.000344	± 2.5	PASS
		VN	-30	-0.79	-0.000312	± 2.5	PASS
		VN	-20	-0.42	-0.000166	± 2.5	PASS
		VN	-10	0.35	0.000138	± 2.5	PASS
		VN	0	1.84	0.000726	± 2.5	PASS
16QAM	MCH	VN	10	3.75	0.001479	± 2.5	PASS
		VN	20	1.79	0.000706	± 2.5	PASS
		VN	30	0.03	0.000012	± 2.5	PASS
		VN	40	2.53	0.000998	± 2.5	PASS
		VN	50	2.44	0.000963	± 2.5	PASS
		VN	-30	3.59	0.001398	± 2.5	PASS
		VN	-20	0.19	0.000074	± 2.5	PASS
		VN	-10	-0.63	-0.000245	± 2.5	PASS
		VN	0	1.39	0.000541	± 2.5	PASS
	нсн	VN	10	3.74	0.001457	± 2.5	PASS
		VN	20	0.31	0.000121	± 2.5	PASS
		VN	30	1.94	0.000756	± 2.5	PASS
		VN	40	2.13	0.000830	± 2.5	PASS
		VN	50	-1.23	-0.000479	± 2.5	PASS

Channel Bar	ndwidth: 10	MHz					
Voltage							
Modulation	Channe	Voltage	Temperature	Deviation	Deviation	Limit	Verdict
Modulation	I	[Vdc]	(°C)	(Hz)	(ppm)	(ppm)	Verdict
		VL	TN	-2.66	-0.001062	± 2.5	PASS
	LCH	VN	TN	1.9	0.000758	± 2.5	PASS
		VH	TN	-1.29	-0.000515	± 2.5	PASS
		VL	TN	-1.11	-0.000438	± 2.5	PASS
QPSK	MCH	VN	TN	4.44	0.001751	± 2.5	PASS
		VH	TN	-0.4	-0.000158	± 2.5	PASS
	НСН	VL	TN	-0.52	-0.000203	± 2.5	PASS
		VN	TN	3.97	0.001548	± 2.5	PASS
		VH	TN	-1.66	-0.000647	± 2.5	PASS
		VL	TN	4.9	0.001956	± 2.5	PASS
	LCH	VN	TN	1.64	0.000655	± 2.5	PASS
		VH	TN	-1.17	-0.000467	± 2.5	PASS
160014		VL	TN	4.45	0.001755	± 2.5	PASS
16QAM	MCH	VN	TN	1.2	0.000473	± 2.5	PASS
		VH	TN	2.59	0.001022	± 2.5	PASS
	HCH	VL	TN	-1.19	-0.000464	± 2.5	PASS
	ПСП	VN	TN	0.63	0.000246	± 2.5	PASS

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Tomporeties		VH	TN	1.15	0.000448	± 2.5	PASS
Temperature	Channe	Voltage	Temperature	Deviation	Deviation	Limit	
Modulation	I	[Vdc]	(°C)	(Hz)	(ppm)	(ppm)	Verdict
	•	VN	-30	1.93	0.000770	± 2.5	PASS
		VN	-20	4.52	0.001804	± 2.5	PASS
		VN	-10	4.27	0.001705	± 2.5	PASS
		VN	0	1.85	0.000739	± 2.5	PASS
	LCH	VN	10	4.97	0.001984	± 2.5	PASS
	-0	VN	20	4.73	0.001888	± 2.5	PASS
		VN	30	2.05	0.000818	± 2.5	PASS
		VN	40	4.8	0.001916	± 2.5	PASS
		VN	50	-0.64	-0.000255	± 2.5	PASS
		VN	-30	-0.22	-0.000087	± 2.5	PASS
		VN	-20	4.01	0.001582	± 2.5	PASS
		VN	-10	0.78	0.000308	± 2.5	PASS
		VN	0	0.19	0.000075	± 2.5	PASS
QPSK	MCH	VN	10	-1.74	-0.000686	± 2.5	PASS
a. e.t	VN	20	1.08	0.000426	± 2.5	PASS	
		VN	30	0.3	0.000118	± 2.5	PASS
		VN	40	3.58	0.001412	± 2.5	PASS
		VN	50	-1.05	-0.000414	± 2.5	PASS
		VN	-30	-1.97	-0.000768	± 2.5	PASS
		VN	-20	-1.91	-0.000745	± 2.5	PASS
		VN	-10	1.39	0.000542	± 2.5	PASS
		VN	0	3.04	0.001185	± 2.5	PASS
	нсн	VN	10	0.17	0.000066	± 2.5	PASS
		VN	20	1.6	0.000624	± 2.5	PASS
		VN	30	3.35	0.001306	± 2.5	PASS
		VN	40	0.81	0.000316	± 2.5	PASS
		VN	50	-0.68	-0.000265	± 2.5	PASS
		VN	-30	4.04	0.001613	± 2.5	PASS
		VN	-20	2.29	0.000914	± 2.5	PASS
		VN	-10	3.24	0.001293	± 2.5	PASS
		VN	0	4.7	0.001876	± 2.5	PASS
	LCH	VN	10	1.55	0.000619	± 2.5	PASS
		VN	20	-0.33	-0.000132	± 2.5	PASS
		VN	30	1.37	0.000547	± 2.5	PASS
		VN	40	-0.54	-0.000216	± 2.5	PASS
		VN	50	1.37	0.000547	± 2.5	PASS
		VN	-30	-0.5	-0.000197	± 2.5	PASS
		VN	-20	2.27	0.000895	± 2.5	PASS
		VN	-10	1.85	0.000730	± 2.5	PASS
16QAM		VN	0	-1.71	-0.000675	± 2.5	PASS
	MCH	VN	10	2	0.000789	± 2.5	PASS
		VN	20	-1.81	-0.000714	± 2.5	PASS
		VN	30	2.93	0.001156	± 2.5	PASS
		VN	40	3.03	0.001195	± 2.5	PASS
		VN	50	-0.31	-0.000122	± 2.5	PASS
		VN	-30	-0.41	-0.000160	± 2.5	PASS
		VN	-20	2.58	0.001006	± 2.5	PASS
		VN	-10	3.72	0.001450	± 2.5	PASS
	HCH	VN	0	-0.57	-0.000222	± 2.5	PASS
		VN	10	1.12	0.000437	± 2.5	PASS
		VN	20	4.28	0.001669	± 2.5	PASS
		VN	30	2.74	0.001068	± 2.5	PASS

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	VN	40	0.41	0.000160	± 2.5	PASS
	VN	50	3.98	0.001552	± 2.5	PASS

Voltage							
Modulation	Channe	Voltage	Temperature	Deviation	Deviation	Limit	Verdict
	ı	[Vdc]	(°C)	(Hz)	(ppm)	(ppm)	
		VL	TN	2.13	0.000849	± 2.5	PASS
	LCH	VN	TN	-0.12	-0.000048	± 2.5	PASS
		VH	TN	3.28	0.001308	± 2.5	PASS
		VL	TN	1.84	0.000726	± 2.5	PASS
QPSK	MCH	VN	TN	-1.4	-0.000552	± 2.5	PASS
		VH	TN	-0.82	-0.000323	± 2.5	PASS
		VL	TN	-0.12	-0.000047	± 2.5	PASS
	HCH	VN	TN	1.61	0.000628	± 2.5	PASS
		VH	TN	3.76	0.001467	± 2.5	PASS
		VL	TN	2.76	0.001101	± 2.5	PASS
	LCH	VN	TN	4.59	0.001831	± 2.5	PASS
		VH	TN	3.63	0.001448	± 2.5	PASS
		VL	TN	1.04	0.000410	± 2.5	PASS
16QAM	MCH	VN	TN	2.59	0.001022	± 2.5	PASS
		VH	TN	4.56	0.001799	± 2.5	PASS
		VL	TN	-2	-0.000780	± 2.5	PASS
	HCH	VN	TN	-1.76	-0.000687	± 2.5	PASS
		VH	TN	-1.87	-0.000730	± 2.5	PASS
Temperature)		l				
•	Channe	Voltage	Temperature	Deviation	Deviation	Limit	Mandia
Modulation	I	[Vdc]	(°C)	(Hz)	(ppm)	(ppm)	Verdic
		VN	-30	2.82	0.001125	± 2.5	PASS
		VN	-20	-1.54	-0.000614	± 2.5	PASS
		VN	-10	1.63	0.000650	± 2.5	PASS
		VN	0	0.26	0.000104	± 2.5	PASS
	LCH	VN	10	4.8	0.001914	± 2.5	PASS
		VN	20	-1.77	-0.000706	± 2.5	PASS
		VN	30	-0.91	-0.000363	± 2.5	PASS
		VN	40	4.64	0.001850	± 2.5	PASS
		VN	50	2.93	0.001168	± 2.5	PASS
		VN	-30	0.81	0.000320	± 2.5	PASS
		VN	-20	-0.76	-0.000300	± 2.5	PASS
		VN	-10	2.13	0.000840	± 2.5	PASS
		VN	0	2.76	0.001089	± 2.5	PASS
QPSK	MCH	VN	10	0.05	0.000020	± 2.5	PASS
QI OIX	IVIOIT	VN	20	1.22	0.000481	± 2.5	PASS
		VN	30	1.33	0.000525	± 2.5	PASS
		VN	40	0.73	0.000323	± 2.5	PASS
		VN	50	2.67	0.000200	± 2.5	PASS
		VN	-30	1.52	0.001033		PASS
		VN	-20	-1.1	-0.000429	± 2.5	PASS
						± 2.5	
		VN	-10	3.38	0.001319	± 2.5	PASS
	LICII	VN	0	1.35	0.000527	± 2.5	PASS
	HCH	VN	10	1.5	0.000585	± 2.5	PASS
		VN	20	-1.3	-0.000507	± 2.5	PASS
		VN	30	-1.16	-0.000453	± 2.5	PASS
		VN	40	2.93	0.001143	± 2.5	PASS
		VN	50	1.11	0.000433	± 2.5	PASS
16QAM	LCH	VN	-30	1.51	0.000602	± 2.5	PASS

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		VN	-20	-1.54	-0.000614	± 2.5	PASS
		VN	-10	0.33	0.000132	± 2.5	PASS
		VN	0	-1.17	-0.000467	± 2.5	PASS
		VN	10	3.32	0.001324	± 2.5	PASS
		VN	20	2.91	0.001161	± 2.5	PASS
		VN	30	0.54	0.000215	± 2.5	PASS
		VN	40	2.91	0.001161	± 2.5	PASS
		VN	50	0.31	0.000124	± 2.5	PASS
		VN	-30	4.78	0.001886	± 2.5	PASS
		VN	-20	4.6	0.001815	± 2.5	PASS
		VN	-10	0.19	0.000075	± 2.5	PASS
		VN	0	-1.85	-0.000730	± 2.5	PASS
	MCH	VN	10	4.08	0.001609	± 2.5	PASS
		VN	20	2.12	0.000836	± 2.5	PASS
		VN	30	0.89	0.000351	± 2.5	PASS
		VN	40	0.42	0.000166	± 2.5	PASS
		VN	50	-1.23	-0.000485	± 2.5	PASS
		VN	-30	0.19	0.000074	± 2.5	PASS
		VN	-20	-1.63	-0.000636	± 2.5	PASS
		VN	-10	2.73	0.001065	± 2.5	PASS
		VN	0	1.09	0.000425	± 2.5	PASS
	HCH	VN	10	1.07	0.000418	± 2.5	PASS
		VN	20	2.87	0.001120	± 2.5	PASS
		\ /\ I	30	3.19	0.001245	± 2.5	PASS
		VN	30	5.13	0.001210	o	17100
		VN	40	-0.24	-0.000094	± 2.5	PASS

Channel Bar	ndwidth: 20	MHz					
Voltage							
Modulation	Channe I	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
		VL	TN	3.19	0.001271	± 2.5	PASS
	LCH	VN	TN	3.5	0.001394	± 2.5	PASS
		VH	TN	4.63	0.001845	± 2.5	PASS
		VL	TN	-1.83	-0.000722	± 2.5	PASS
QPSK	MCH	VN	TN	1.37	0.000540	± 2.5	PASS
		VH	TN	3.71	0.001464	± 2.5	PASS
		VL	TN	1.55	0.000605	± 2.5	PASS
	HCH	VN	TN	0.51	0.000199	± 2.5	PASS
		VH	TN	2.42	0.000945	± 2.5	PASS
		VL	TN	4.06	0.001618	± 2.5	PASS
	LCH	VN	TN	2.21	0.000880	± 2.5	PASS
		VH	TN	0.28	0.000112	± 2.5	PASS
		VL	TN	2.69	0.001061	± 2.5	PASS
16QAM	MCH	VN	TN	2.45	0.000966	± 2.5	PASS
		VH	TN	2.91	0.001148	± 2.5	PASS
		VL	TN	-0.15	-0.000059	± 2.5	PASS
	HCH	VN	TN	0.74	0.000289	± 2.5	PASS
		VH	TN	1.39	0.000543	± 2.5	PASS
Temperature	9						
Modulation	Channe	Voltage	Temperature	Deviation	Deviation	Limit	Verdict
iviodulation	1	[Vdc]	(°C)	(Hz)	(ppm)	(ppm)	
		VN	-30	1.77	0.000705	± 2.5	PASS
QPSK	LCH	VN	-20	1.31	0.000522	± 2.5	PASS
QI OIX	LOIT	VN	-10	-1.89	-0.000753	± 2.5	PASS
		VN	0	-1.56	-0.000622	± 2.5	PASS

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		VN	10	-1.58	-0.000629	± 2.5	PASS
		VN	20	2.46	0.000980	± 2.5	PASS
		VN	30	-0.65	-0.000259	± 2.5	PASS
		VN	40	1.71	0.000681	± 2.5	PASS
		VN	50	0.62	0.000247	± 2.5	PASS
		VN	-30	4.42	0.001744	± 2.5	PASS
		VN	-20	4.74	0.001870	± 2.5	PASS
		VN	-10	4.92	0.001941	± 2.5	PASS
		VN	0	3.66	0.001444	± 2.5	PASS
	MCH	VN	10	3.36	0.001325	± 2.5	PASS
		VN	20	1.71	0.000675	± 2.5	PASS
		VN	30	-0.19	-0.000075	± 2.5	PASS
		VN	40	2.82	0.001112	± 2.5	PASS
		VN	50	1.78	0.000702	± 2.5	PASS
		VN	-30	1.79	0.000699	± 2.5	PASS
		VN	-20	2.17	0.000848	± 2.5	PASS
		VN	-10	0.2	0.000078	± 2.5	PASS
		VN	0	-1.27	-0.000496	± 2.5	PASS
	нсн	VN	10	1.44	0.000563	± 2.5	PASS
		VN	20	4.62	0.001805	± 2.5	PASS
		VN	30	2.57	0.001004	± 2.5	PASS
		VN	40	2.79	0.001090	± 2.5	PASS
		VN	50	2.32	0.000906	± 2.5	PASS
		VN	-30	4.55	0.001813	± 2.5	PASS
		VN	-20	0.83	0.000331	± 2.5	PASS
		VN	-10	2.88	0.001147	± 2.5	PASS
		VN	0	0.33	0.000131	± 2.5	PASS
	LCH	VN	10	1.45	0.000578	± 2.5	PASS
		VN	20	0.99	0.000394	± 2.5	PASS
		VN	30	-0.57	-0.000227	± 2.5	PASS
		VN	40	3.28	0.001307	± 2.5	PASS
		VN	50	-1.36	-0.000542	± 2.5	PASS
		VN	-30	-0.07	-0.000028	± 2.5	PASS
		VN	-20	1.71	0.000675	± 2.5	PASS
		VN	-10	4.32	0.001704	± 2.5	PASS
		VN	0	-0.98	-0.000387	± 2.5	PASS
16QAM	MCH	VN	10	0.39	0.000154	± 2.5	PASS
		VN	20	2.76	0.001089	± 2.5	PASS
		VN	30	0.01	0.000004	± 2.5	PASS
		VN	40	-1.37	-0.000540	± 2.5	PASS
		VN	50	4.97	0.001961	± 2.5	PASS
		VN	-30	-1.42	-0.000555	± 2.5	PASS
		VN	-20	4.26	0.001664	± 2.5	PASS
		VN	-10	0.99	0.000387	± 2.5	PASS
		VN	0	1.5	0.000586	± 2.5	PASS
	нсн	VN	10	-0.28	-0.000109	± 2.5	PASS
		VN	20	4.45	0.001738	± 2.5	PASS
		VN	30	1.85	0.000723	± 2.5	PASS
		VN	40	-0.89	-0.000348	± 2.5	PASS
		VN	50	2.74	0.001070	± 2.5	PASS

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6. Peak-to-average Ratio (PAR)

6.1 Test Datas

Charmer Dai	ndwidth: 5 N		· · · · · · · · ·	Deal to A see Batte	11	
Modulation	Channel		figuration	Peak-to-Average Ratio	Limit	Verdic
		Size	Offset	[dB]	[dB]	D400
		1	0	4.44	<13	PASS
		1	12	4.42	<13	PASS
		1	24	4.39	<13	PASS
	LCH	12	0	5.13	<13	PASS
		12	6	5.01	<13	PASS
		12	13	5	<13	PASS
		25	0	5.29	<13	PASS
		1	0	5.08	<13	PASS
		1	12	5.07	<13	PASS
		1	24	5.04	<13	PASS
QPSK	MCH	12	0	5.4	<13	PASS
		12	6	5.29	<13	PASS
		12	13	5.31	<13	PASS
		25	0	5.48	<13	PASS
		1	0	4.24	<13	PASS
		1	12	3.76	<13	PASS
		1	24	3.35	<13	PASS
	HCH	12	0	4.88	<13	PASS
		12	6	4.66	<13	PASS
		12	13	4.58	<13	PASS
		25	0	5.07	<13	PASS
		1	0	5.3	<13	PASS
		1	12	5.31	<13	PASS
		1	24	5.24	<13	PASS
	LCH	12	0	5.82	<13	PASS
		12	6	5.79	<13	PASS
		12	13	5.74	<13	PASS
		25	0	6	<13	PASS
		1	0	5.79	<13	PASS
		1	12	5.71	<13	PASS
		1	24	5.77	<13	PASS
16QAM	МСН	12	0	6.15	<13	PASS
		12	6	6.17	<13	PASS
		12	13	6.1	<13	PASS
		25	0	6.14	<13	PASS
		1	0	5.27	<13	PASS
		1	12	4.9	<13	PASS
		1	24	4.46	<13	PASS
	нсн	12	0	5.64	<13	PASS
		12	6	5.5	<13	PASS
		12	13	5.39	<13	PASS
		25	0	5.79	<13	PASS

Channel Bandwidth: 10 MHz										
Modulation Ch	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict				
	Charmer	Size	Offset	[dB]	[dB]	verdict				
QPSK	LCH	1	0	4.64	<13	PASS				
QPSK LCH	1	24	4.51	<13	PASS					

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		1	49	4.44	<13	PASS
		25	0	5.06	<13	PASS
		25	12	5.04	<13	PASS
		25	25	5.07	<13	PASS
		50	0	5.19	<13	PASS
		1	0	5.06	<13	PASS
		1	24	5.08	<13	PASS
		1	49	4.94	<13	PASS
	MCH	25	0	5.37	<13	PASS
		25	12	5.35	<13	PASS
		25	25	5.31	<13	PASS
		50	0	5.45	<13	PASS
		1	0	4.47	<13	PASS
		1	24	4.2	<13	PASS
		1	49	3.27	<13	PASS
	HCH	25	0	5.31	<13	PASS
		25	12	5.1	<13	PASS
		25	25	4.95	<13	PASS
		50	0	5.29	<13	PASS
		1	0	5.66	<13	PASS
		1	24	5.56	<13	PASS
	LCH	1	49	5.44	<13	PASS
		25	0	5.85	<13	PASS
		25	12	5.82	<13	PASS
		25	25	5.82	<13	PASS
		50	0	5.89	<13	PASS
	мсн	1	0	5.82	<13	PASS
		1	24	5.81	<13	PASS
		1	49	5.68	<13	PASS
16QAM		25	0	6.13	<13	PASS
		25	12	6.15	<13	PASS
		25	25	6.07	<13	PASS
		50	0	6.13	<13	PASS
	НСН	1	0	5.44	<13	PASS
		1	24	5.16	<13	PASS
		1	49	4.35	<13	PASS
		25	0	6.05	<13	PASS
		25	12	5.85	<13	PASS
		25	25	5.75	<13	PASS
		50	0	5.97	<13	PASS

Channel Bandwidth: 15 MHz								
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict		
Modulation		Size	Offset	[dB]	[dB]	voralot		
	LCH	1	0	9.69	<13	PASS		
		1	37	4.57	<13	PASS		
		1	74	9.41	<13	PASS		
		37	0	4.51	<13	PASS		
		37	18	5.09	<13	PASS		
QPSK		37	38	4.58	<13	PASS		
QFSK		75	0	4.86	<13	PASS		
	MCH	1	0	9.9	<13	PASS		
		1	37	5.11	<13	PASS		
		1	74	9.2	<13	PASS		
		37	0	4.67	<13	PASS		
		37	18	5.43	<13	PASS		

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		37	38	4.71	<13	PASS
		75	0	4.95	<13	PASS
		1	0	9.4	<13	PASS
		1	37	4.69	<13	PASS
		1	74	9.36	<13	PASS
	HCH	37	0	4.75	<13	PASS
		37	18	5.3	<13	PASS
		37	38	4.59	<13	PASS
		75	0	4.92	<13	PASS
		1	0	9.45	<13	PASS
		1	37	5.38	<13	PASS
		1	74	9.44	<13	PASS
	LCH	37	0	5.66	<13	PASS
		37	18	5.82	<13	PASS
		37	38	5.76	<13	PASS
		75	0	5.97	<13	PASS
	МСН	1	0	10.13	<13	PASS
		1	37	5.9	<13	PASS
		1	74	9.29	<13	PASS
16QAM		37	0	5.83	<13	PASS
		37	18	6.14	<13	PASS
		37	38	5.91	<13	PASS
		75	0	6.15	<13	PASS
	нсн	1	0	9.66	<13	PASS
		1	37	5.57	<13	PASS
		1	74	10.26	<13	PASS
		37	0	5.89	<13	PASS
		37	18	6.13	<13	PASS
		37	38	5.79	<13	PASS
		75	0	6.12	<13	PASS

Channel Bandwidth: 20 MHz								
Modulation	Channel	RB Configuration Size Offset		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict		
		1	0	6.56	<13	PASS		
		1	49	4.29	<13	PASS		
		1	99	6.65	<13	PASS		
	LCH	50	0	5.3	<13	PASS		
		50	25	5.22	<13	PASS		
		50	50	5.62	<13	PASS		
		100	0	5.74	<13	PASS		
	мсн	1	0	6.25	<13	PASS		
		1	49	4.98	<13	PASS		
		1	99	6.23	<13	PASS		
QPSK		50	0	5.5	<13	PASS		
		50	25	5.5	<13	PASS		
		50	50	5.73	<13	PASS		
		100	0	5.71	<13	PASS		
	нсн	1	0	6.32	<13	PASS		
		1	49	4.76	<13	PASS		
		1	99	6.39	<13	PASS		
		50	0	5.55	<13	PASS		
		50	25	5.5	<13	PASS		
		50	50	5.78	<13	PASS		
		100	0	5.81	<13	PASS		
16QAM	LCH	1	0	6.84	<13	PASS		

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		1	49	5.35	<13	PASS
		1	99	6.66	<13	PASS
		50	0	6.28	<13	PASS
		50	25	5.92	<13	PASS
		50	50	6.41	<13	PASS
		100	0	6.57	<13	PASS
	мсн	1	0	6.65	<13	PASS
		1	49	5.76	<13	PASS
		1	99	7.21	<13	PASS
		50	0	6.42	<13	PASS
		50	25	6.17	<13	PASS
		50	50	6.48	<13	PASS
		100	0	6.67	<13	PASS
	нсн	1	0	6.74	<13	PASS
		1	49	5.51	<13	PASS
		1	99	7.31	<13	PASS
		50	0	6.44	<13	PASS
		50	25	6.18	<13	PASS
		50	50	6.52	<13	PASS
		100	0	6.62	<13	PASS

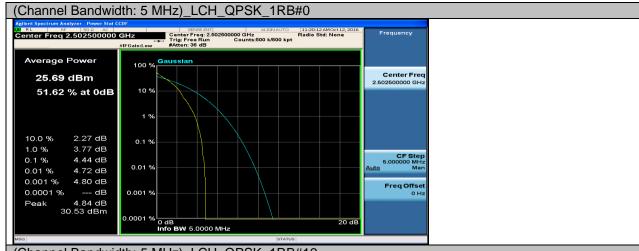
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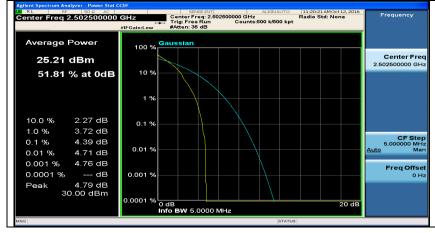
Test Graphs











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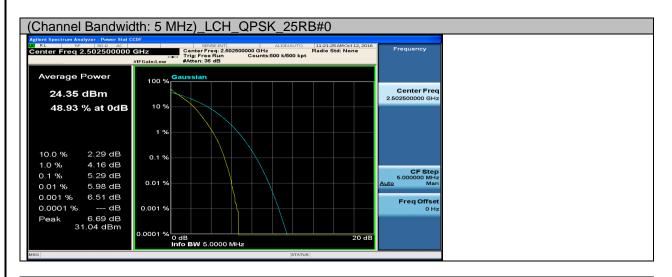
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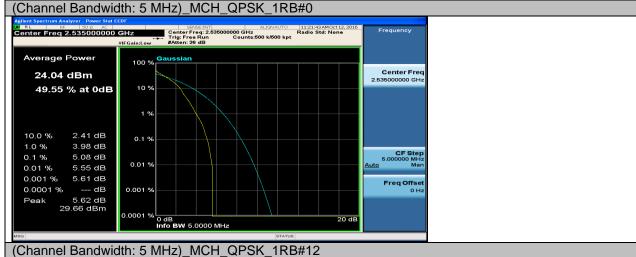


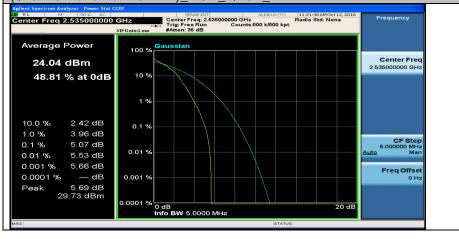
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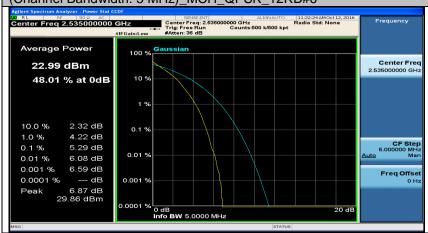


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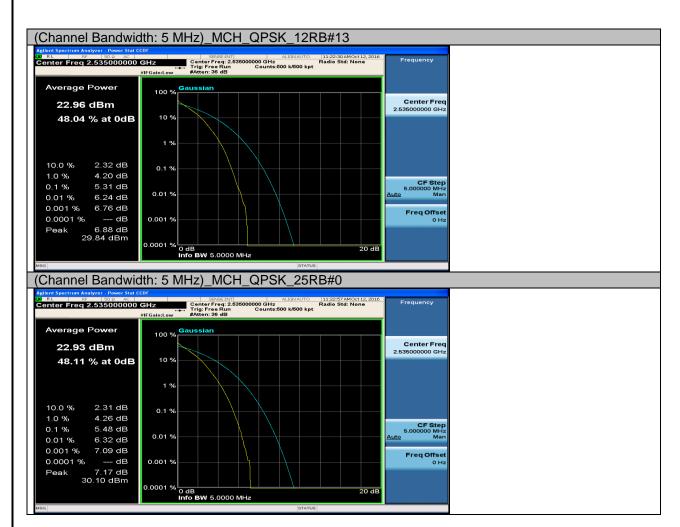


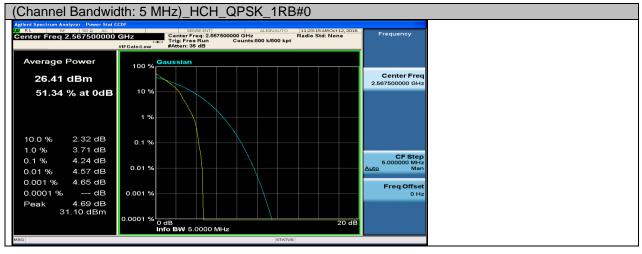
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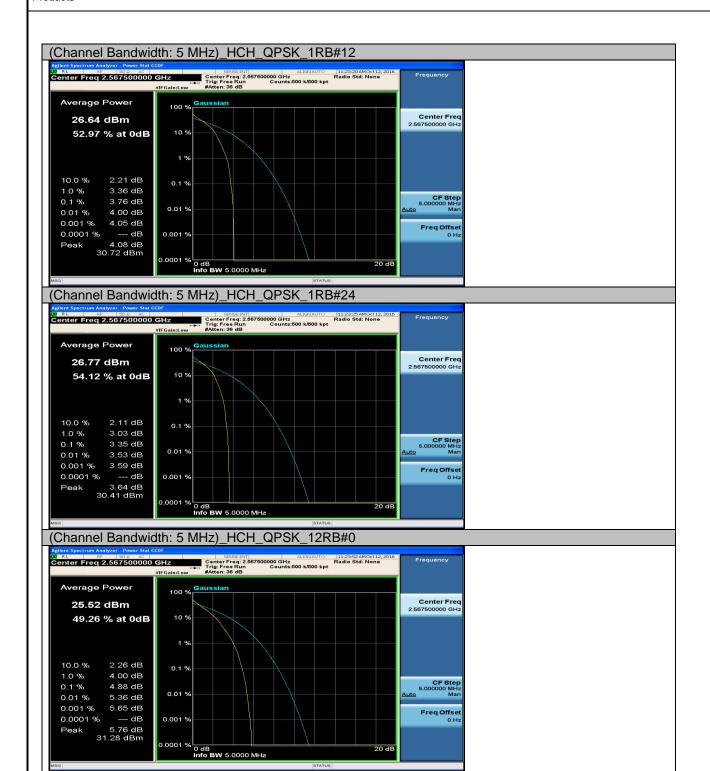


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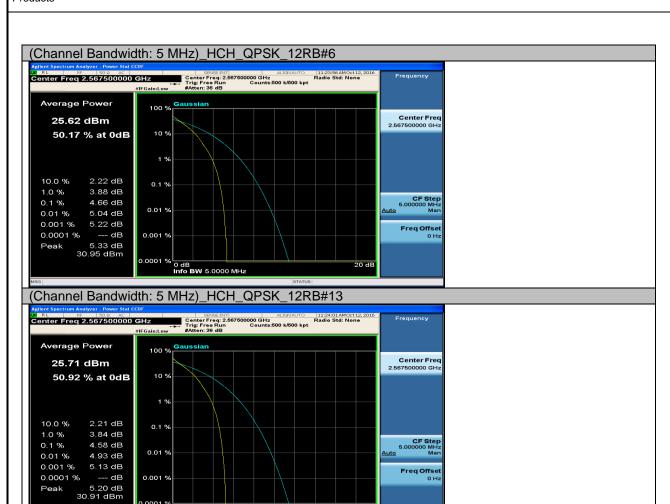
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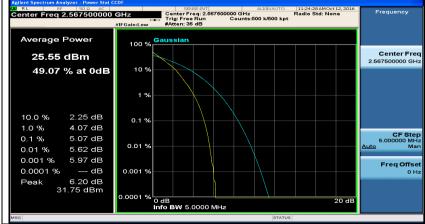
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0 dB Info BW 5.0000 MHz

0.001 % 0.0001 %



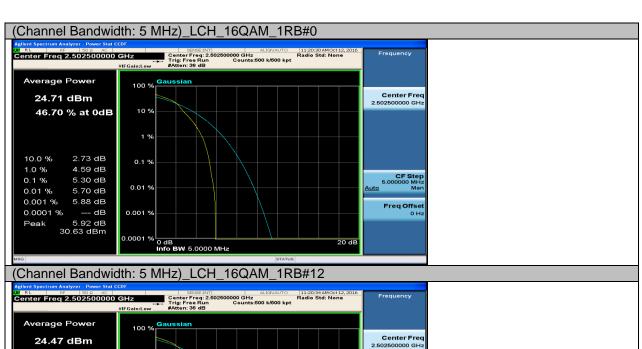
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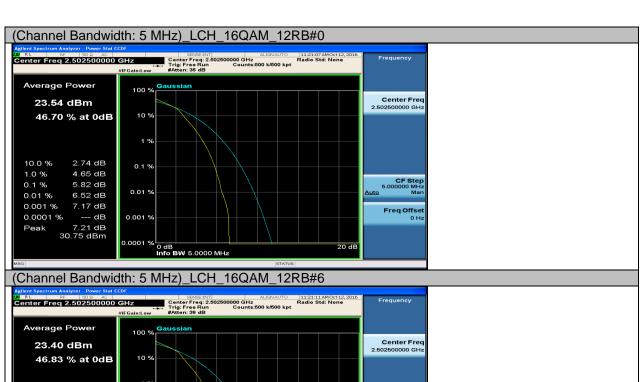
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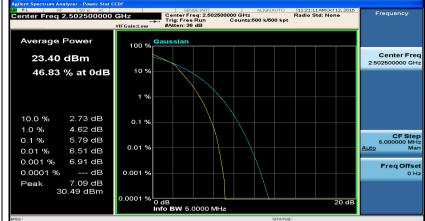


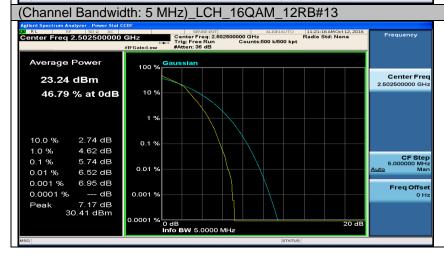
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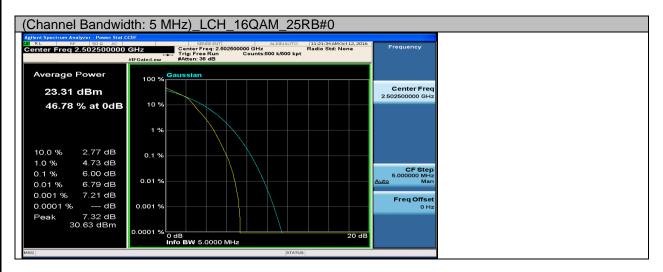
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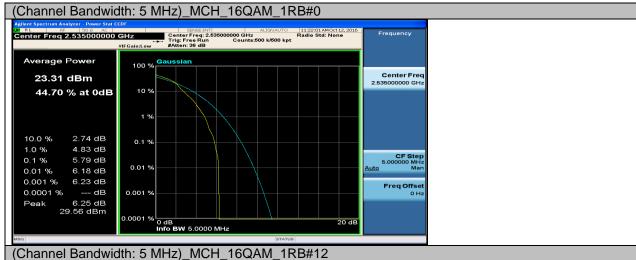


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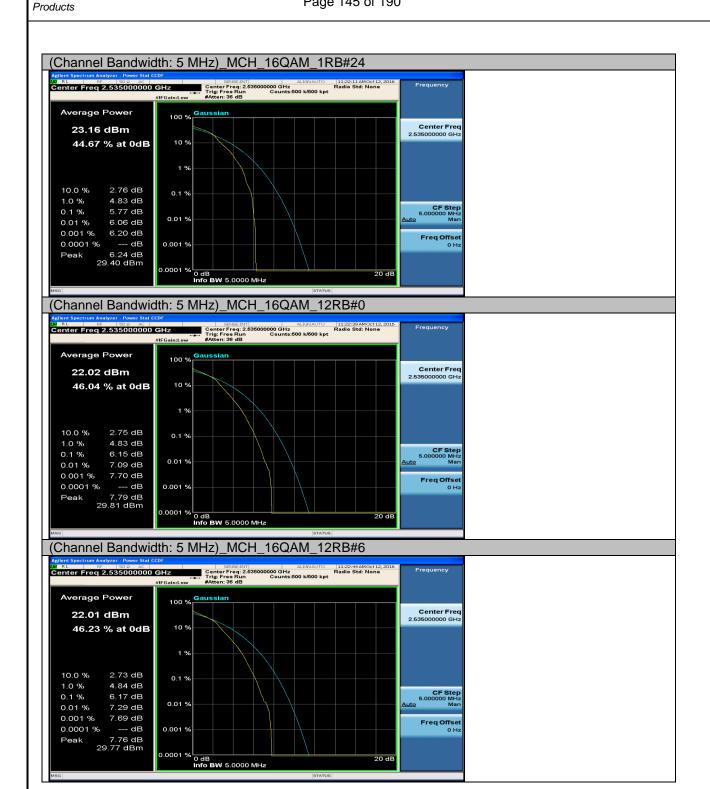


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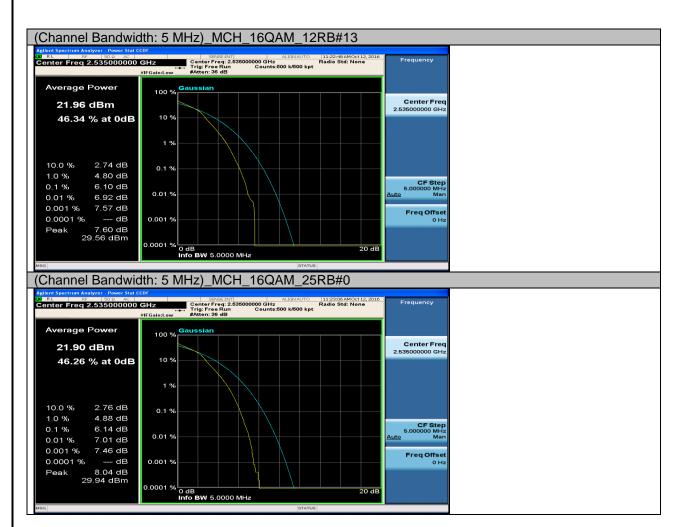


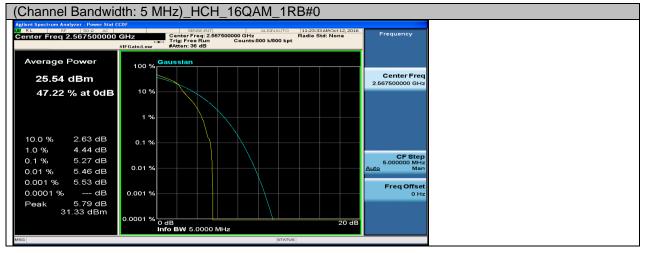
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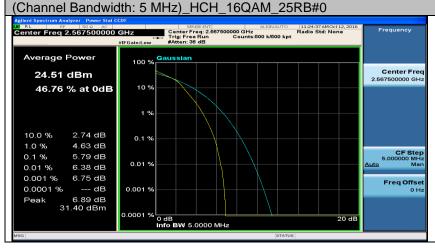
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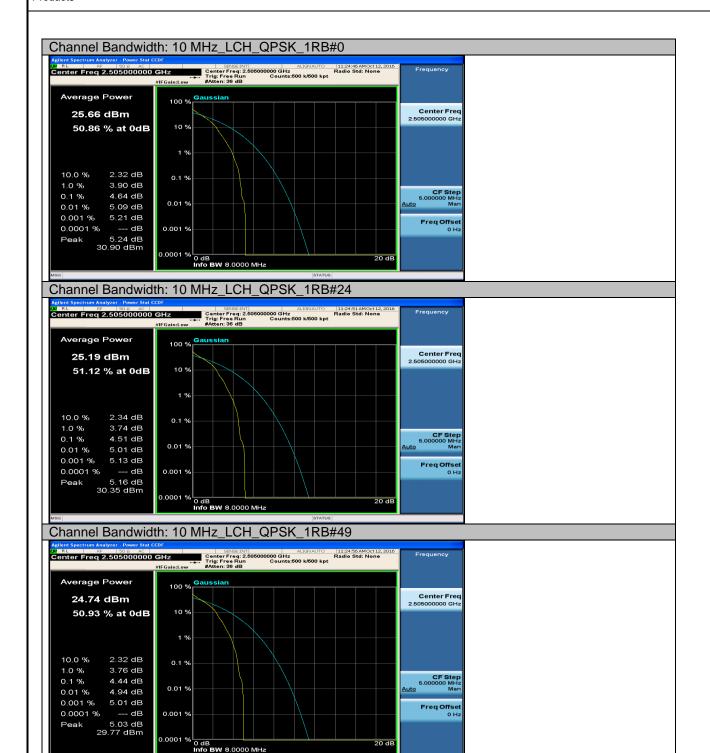


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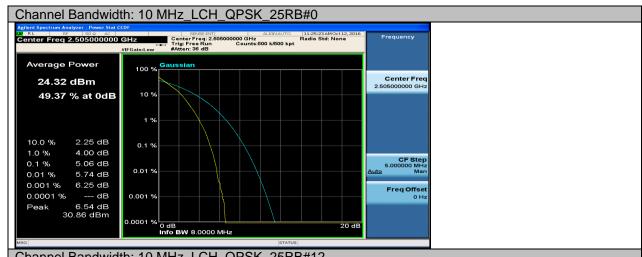
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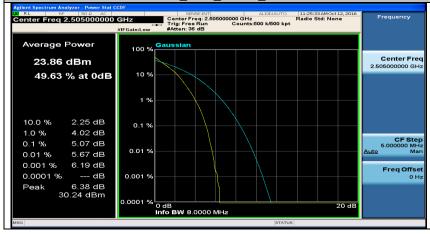
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Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25

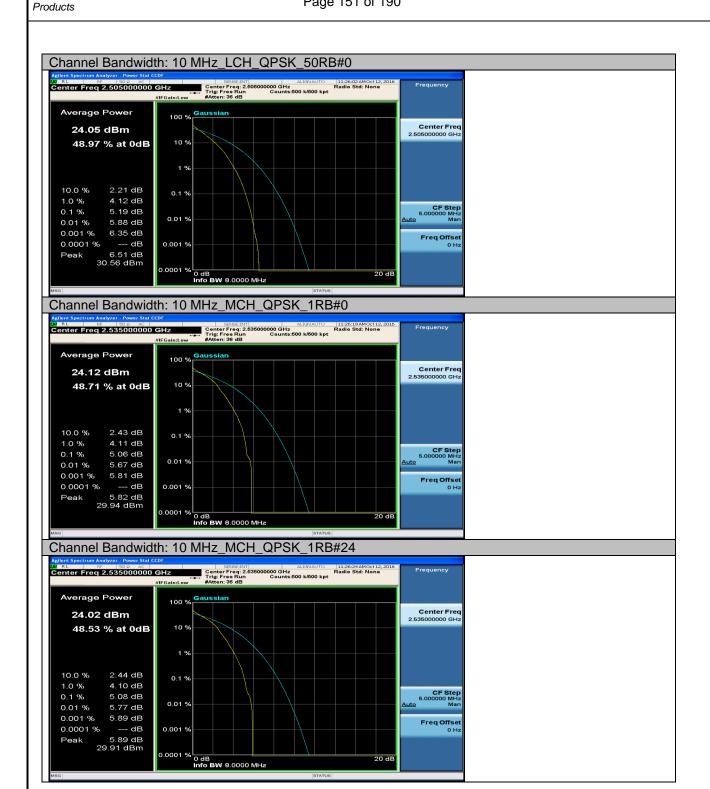


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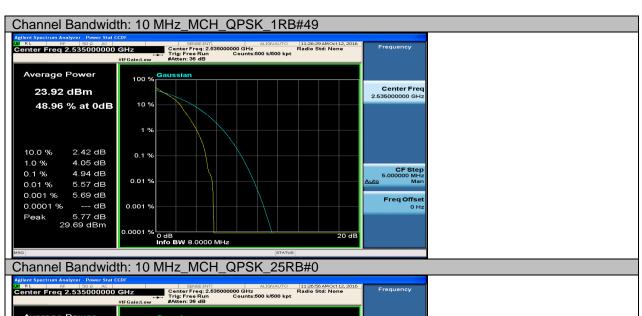
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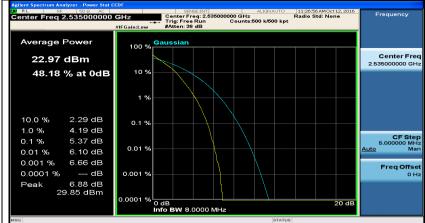


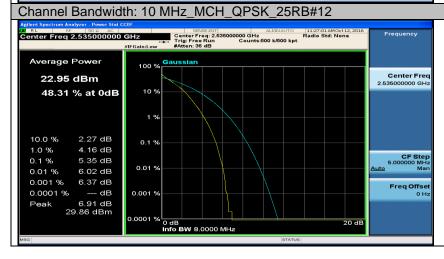
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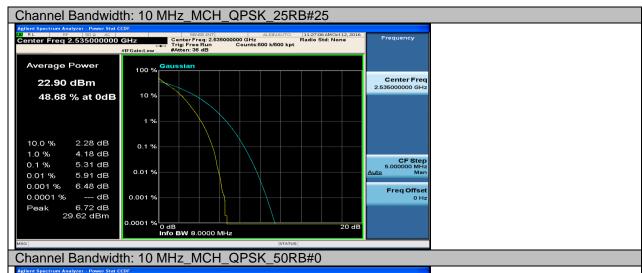
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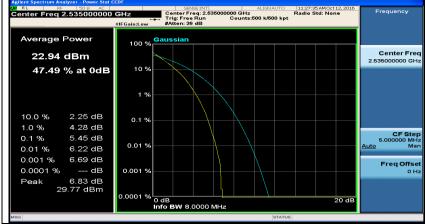


Produkte

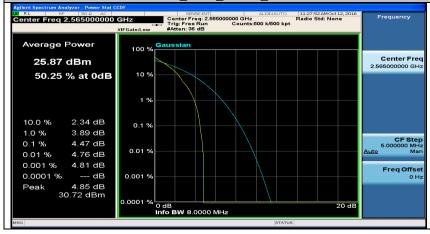
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Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



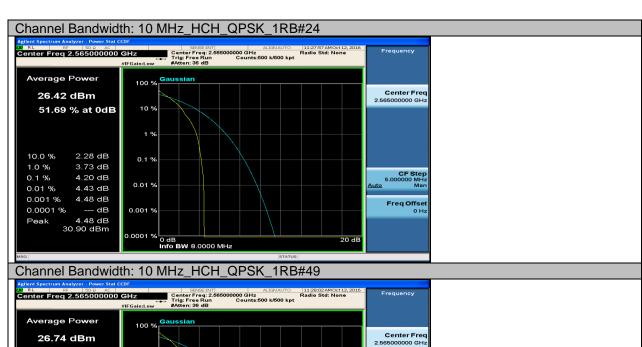
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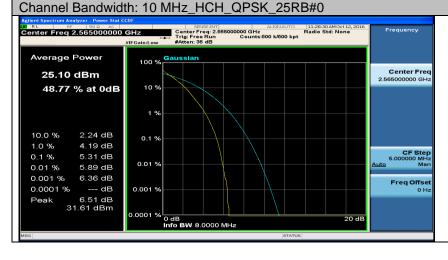
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