



Appendix A: Average Output Power Data

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.57	PASS
		1	2	22.9	PASS
		1	5	22.69	PASS
		3	0	22.73	PASS
		3	1	22.68	PASS
		3	3	22.68	PASS
		6	0	21.72	PASS
	MCH	1	0	22.81	PASS
		1	2	22.96	PASS
		1	5	22.76	PASS
		3	0	22.79	PASS
		3	1	22.82	PASS
		3	3	22.78	PASS
		6	0	21.84	PASS
	HCH	1	0	22.84	PASS
		1	2	23.11	PASS
		1	5	22.85	PASS
		3	0	22.97	PASS
		3	1	22.9	PASS
		3	3	22.99	PASS
		6	0	21.87	PASS
16QAM	LCH	1	0	21.73	PASS
		1	2	22.17	PASS
		1	5	22.14	PASS
		3	0	21.53	PASS
		3	1	21.58	PASS
		3	3	21.64	PASS
		6	0	20.7	PASS
	MCH	1	0	22.26	PASS
		1	2	22.4	PASS
		1	5	22.33	PASS
		3	0	21.78	PASS
		3	1	21.81	PASS



		3	3	21.73	PASS
		6	0	20.94	PASS
	HCH	1	0	22.37	PASS
		1	2	22.56	PASS
		1	5	22.33	PASS
		3	0	21.89	PASS
		3	1	21.9	PASS
		3	3	21.79	PASS
		6	0	20.97	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.79	PASS
		1	7	22.88	PASS
		1	14	22.77	PASS
		8	0	21.84	PASS
		8	3	21.91	PASS
		8	7	21.8	PASS
		15	0	21.77	PASS
	MCH	1	0	22.92	PASS
		1	7	22.91	PASS
		1	14	22.83	PASS
		8	0	21.91	PASS
		8	3	21.93	PASS
		8	7	21.97	PASS
		15	0	22	PASS
	HCH	1	0	22.94	PASS
		1	7	23.07	PASS
		1	14	22.75	PASS
		8	0	22.01	PASS
		8	3	21.98	PASS
		8	7	21.96	PASS
		15	0	21.95	PASS
16QAM	LCH	1	0	22.37	PASS
		1	7	22.53	PASS
		1	14	21.9	PASS
		8	0	20.93	PASS
		8	3	20.98	PASS



		8	7	20.8	PASS
		15	0	20.89	PASS
	MCH	1	0	22.59	PASS
		1	7	22.51	PASS
		1	14	22.43	PASS
		8	0	20.89	PASS
		8	3	21	PASS
		8	7	20.96	PASS
		15	0	21	PASS
	HCH	1	0	22.59	PASS
		1	7	22.54	PASS
		1	14	22.45	PASS
		8	0	21.1	PASS
		8	3	21.08	PASS
		8	7	21.07	PASS
		15	0	21.06	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.04	PASS
		1	12	22.93	PASS
		1	24	22.92	PASS
		12	0	21.99	PASS
		12	6	21.89	PASS
		12	13	21.85	PASS
		25	0	21.92	PASS
	MCH	1	0	22.77	PASS
		1	12	22.78	PASS
		1	24	22.72	PASS
		12	0	21.82	PASS
		12	6	21.95	PASS
		12	13	21.95	PASS
		25	0	21.99	PASS
	HCH	1	0	23.01	PASS
		1	12	22.79	PASS
		1	24	22.72	PASS
		12	0	21.93	PASS
		12	6	21.96	PASS
		12	13	21.87	PASS



		25	0	21.97	PASS
16QAM	LCH	1	0	22.54	PASS
		1	12	22.4	PASS
		1	24	22.31	PASS
		12	0	21.02	PASS
		12	6	21.01	PASS
		12	13	21	PASS
		25	0	21.05	PASS
	MCH	1	0	22.44	PASS
		1	12	22.41	PASS
		1	24	22.34	PASS
		12	0	21.04	PASS
		12	6	20.98	PASS
		12	13	20.99	PASS
		25	0	21	PASS
	HCH	1	0	22.49	PASS
		1	12	22.55	PASS
		1	24	22.32	PASS
		12	0	20.88	PASS
		12	6	20.99	PASS
		12	13	20.91	PASS
		25	0	20.95	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.14	PASS
		1	24	22.91	PASS
		1	49	22.66	PASS
		25	0	22	PASS
		25	12	21.92	PASS
		25	25	21.92	PASS
		50	0	21.92	PASS
	MCH	1	0	22.93	PASS
		1	24	22.85	PASS
		1	49	22.71	PASS
		25	0	21.98	PASS
		25	12	22.02	PASS
		25	25	21.97	PASS
		50	0	21.93	PASS



	HCH	1	0	23.02	PASS
		1	24	22.85	PASS
		1	49	22.82	PASS
		25	0	21.95	PASS
		25	12	21.99	PASS
		25	25	21.9	PASS
		50	0	21.89	PASS
16QAM	LCH	1	0	22.49	PASS
		1	24	22.27	PASS
		1	49	22.24	PASS
		25	0	20.99	PASS
		25	12	21.01	PASS
		25	25	20.8	PASS
		50	0	20.98	PASS
	MCH	1	0	22.3	PASS
		1	24	22.47	PASS
		1	49	22.41	PASS
		25	0	21.1	PASS
		25	12	20.99	PASS
		25	25	20.93	PASS
		50	0	20.98	PASS
	HCH	1	0	22.6	PASS
		1	24	22.32	PASS
		1	49	22.18	PASS
		25	0	21.03	PASS
		25	12	20.96	PASS
		25	25	20.97	PASS
		50	0	20.95	PASS



Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	MCH	1	0	4.06	<13	PASS
16QAM	MCH	1	0	4.84	<13	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	MCH	1	0	3.89	<13	PASS
16QAM	MCH	1	0	4.72	<13	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	MCH	1	0	3.77	<13	PASS
16QAM	MCH	1	0	4.59	<13	PASS

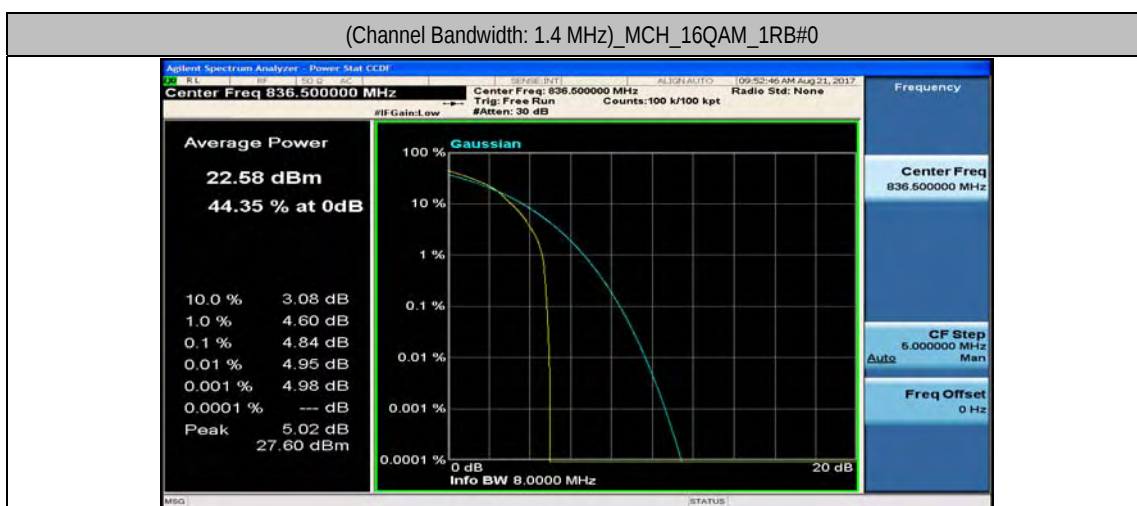
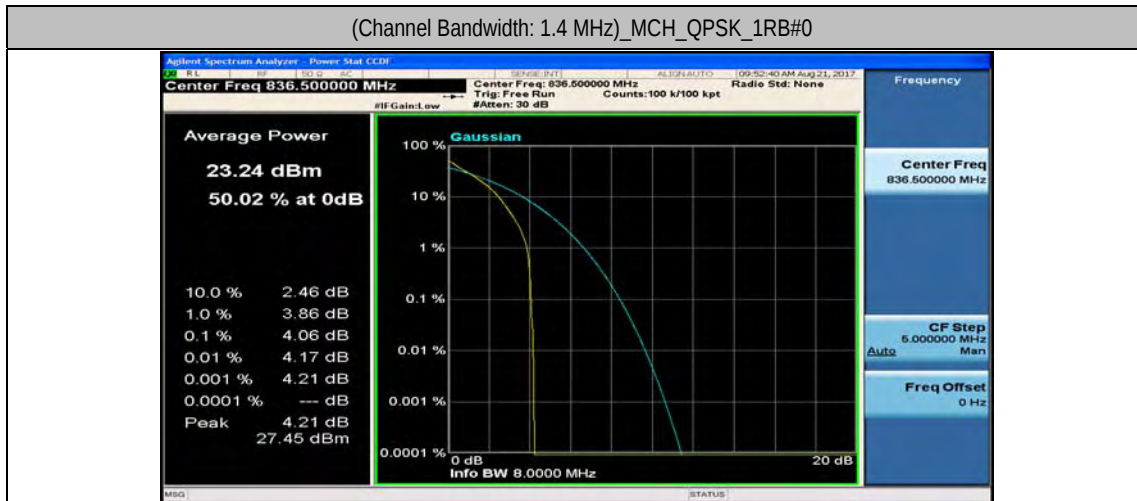
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	MCH	1	0	3.52	<13	PASS
16QAM	MCH	1	0	4.22	<13	PASS

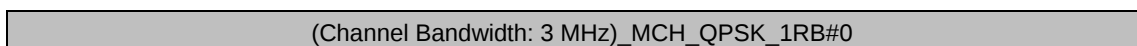


Test Graphs

Channel Bandwidth: 1.4 MHz



Channel Bandwidth: 3 MHz





(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



Channel Bandwidth: 5 MHz

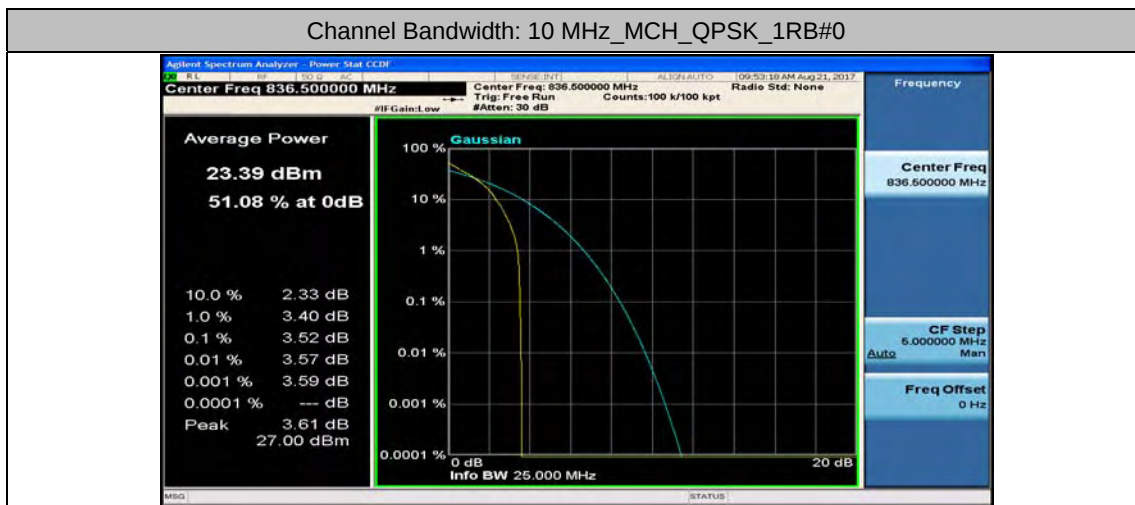
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#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	6	0	1.077	1.207	PASS
	MCH	6	0	1.077	1.194	PASS
	HCH	6	0	1.077	1.189	PASS
16QAM	LCH	6	0	1.077	1.194	PASS
	MCH	6	0	1.077	1.180	PASS
	HCH	6	0	1.077	1.194	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	15	0	2.683	2.885	PASS
	MCH	15	0	2.692	2.846	PASS
	HCH	15	0	2.692	2.837	PASS
16QAM	LCH	15	0	2.692	2.856	PASS
	MCH	15	0	2.692	2.827	PASS
	HCH	15	0	2.692	2.846	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.471	4.712	PASS
	MCH	25	0	4.471	4.712	PASS
	HCH	25	0	4.471	4.696	PASS



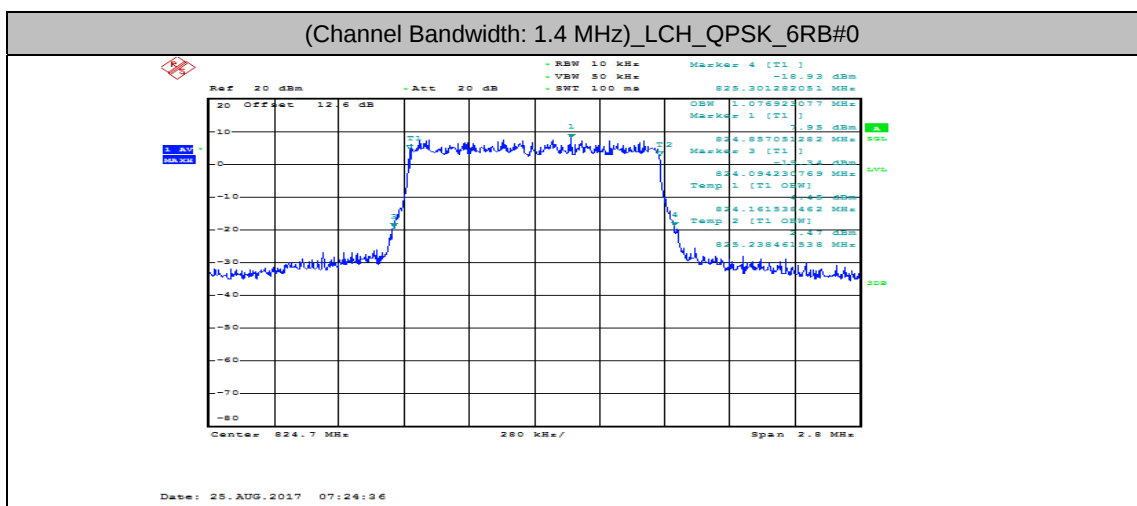
16QAM	LCH	25	0	4.471	4.712	PASS
	MCH	25	0	4.487	4.712	PASS
	HCH	25	0	4.471	4.712	PASS

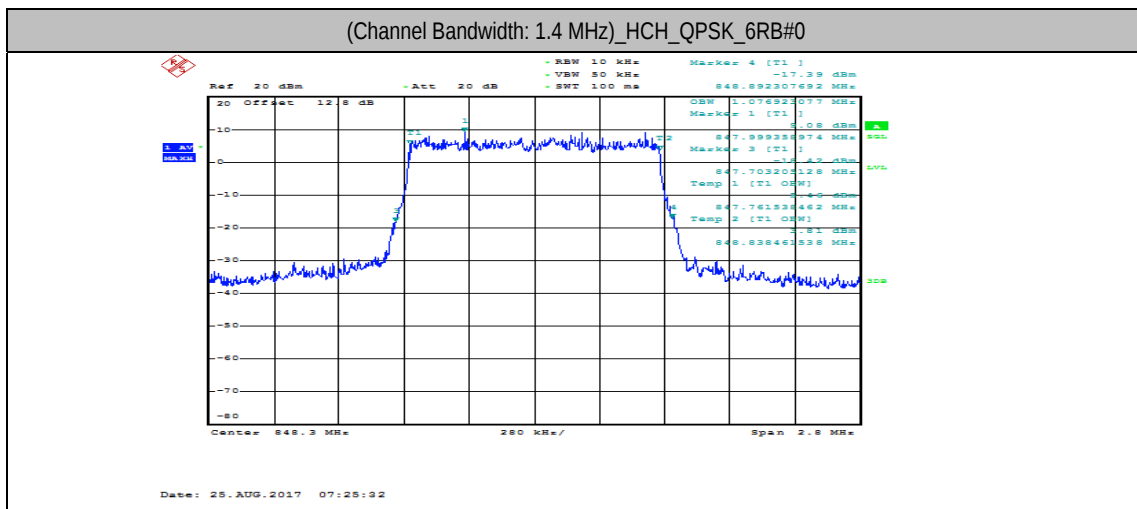
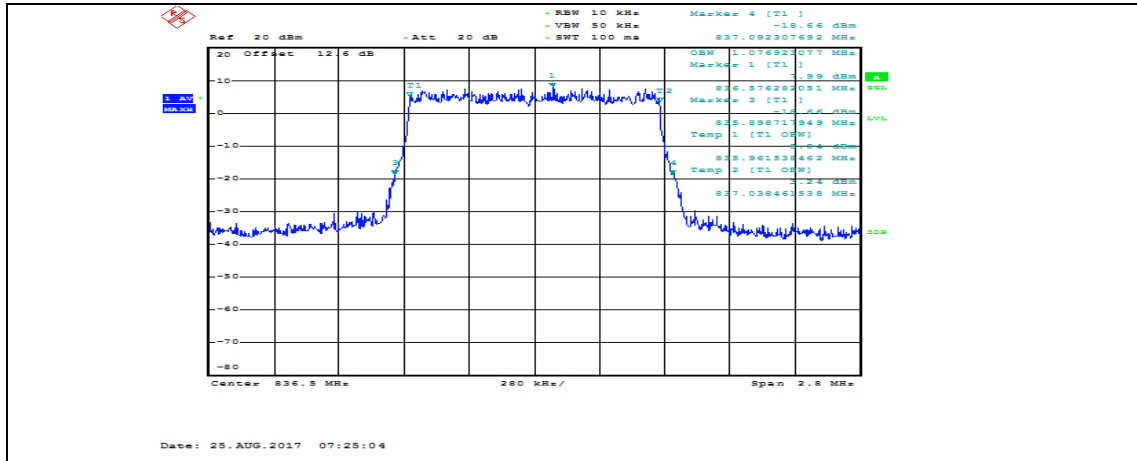
Channel Bandwidth: 10 MHz

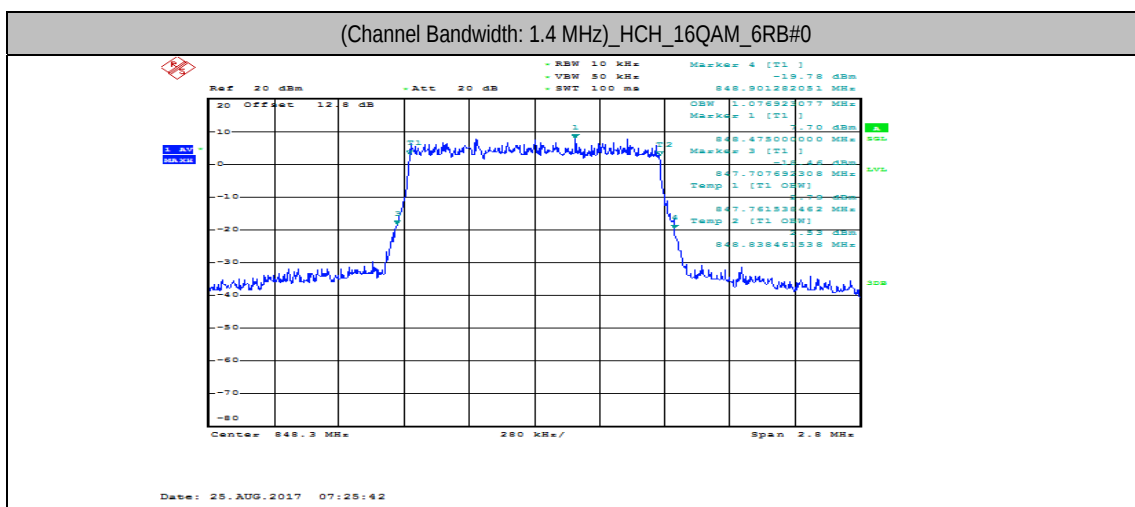
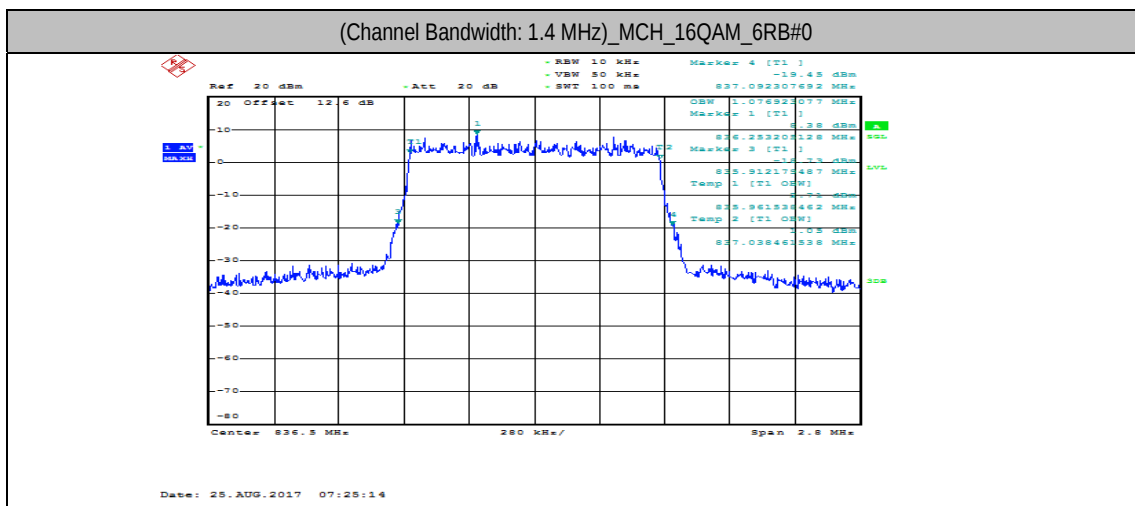
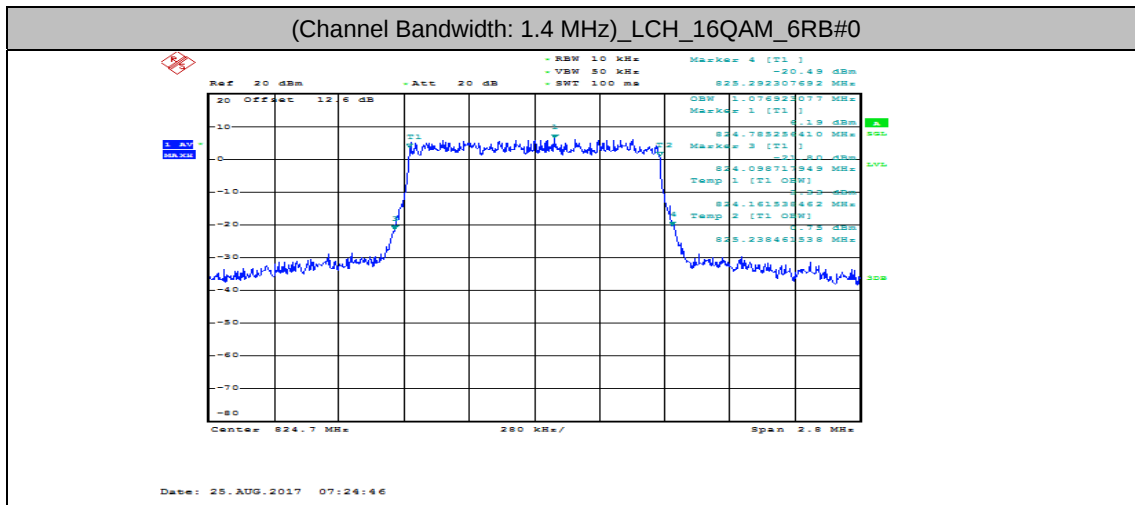
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.942	9.295	PASS
	MCH	50	0	8.942	9.295	PASS
	HCH	50	0	8.910	9.327	PASS
16QAM	LCH	50	0	8.974	9.295	PASS
	MCH	50	0	8.974	9.359	PASS
	HCH	50	0	8.974	9.327	PASS

Test Graphs

Channel Bandwidth: 1.4 MHz

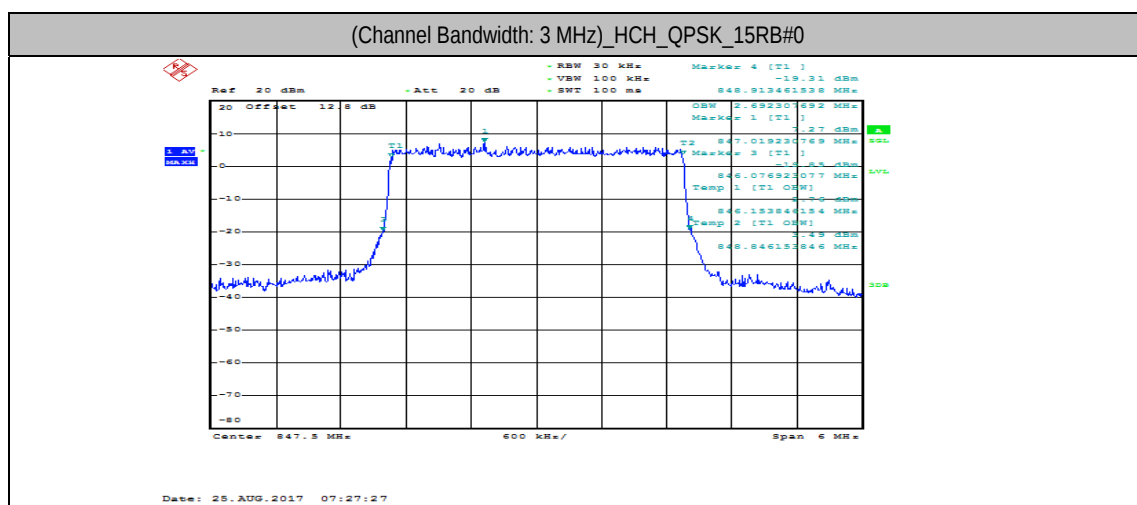
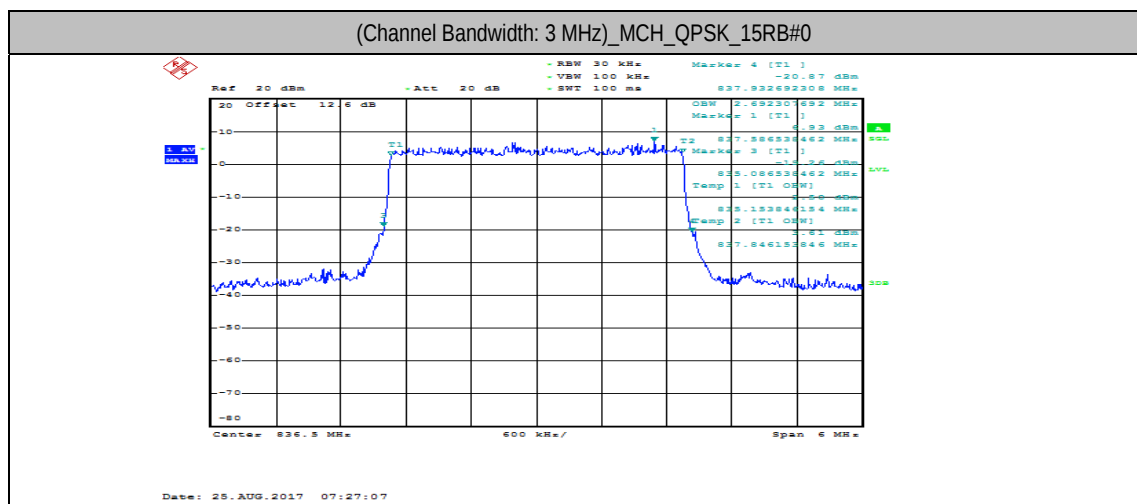
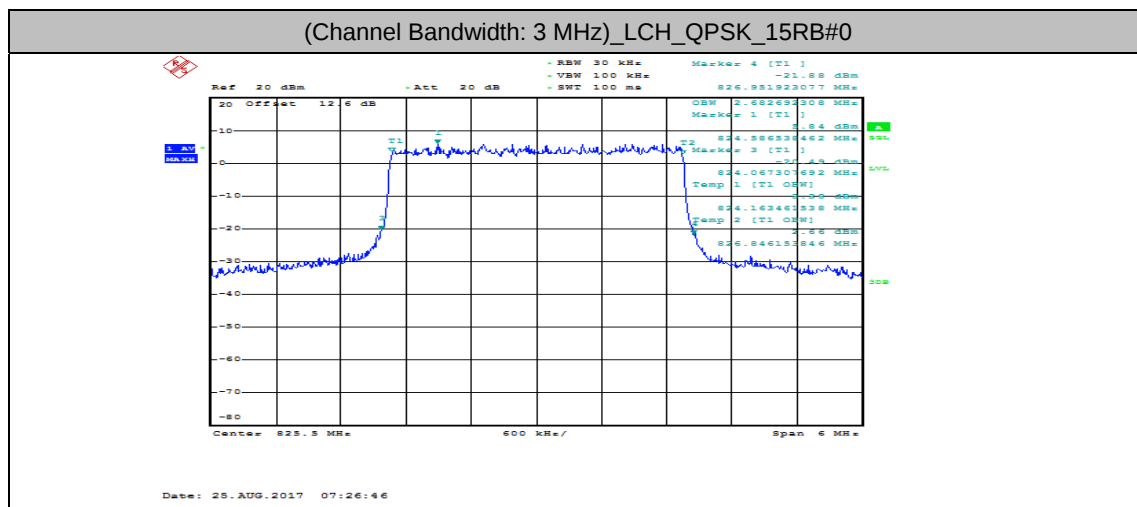






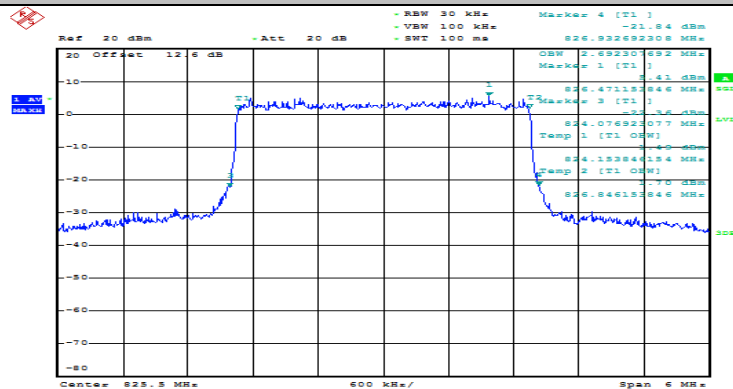


Channel Bandwidth: 3 MHz



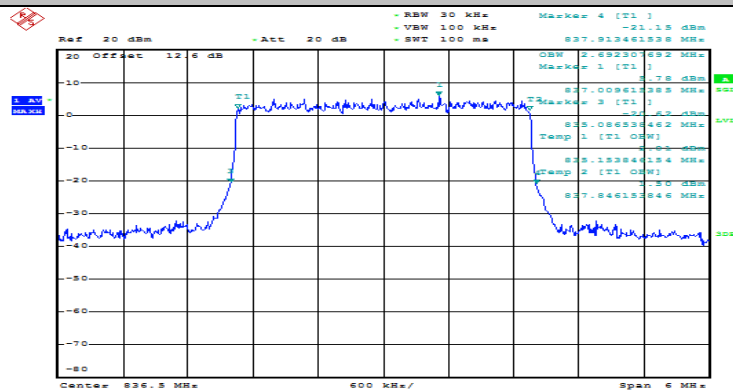


(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



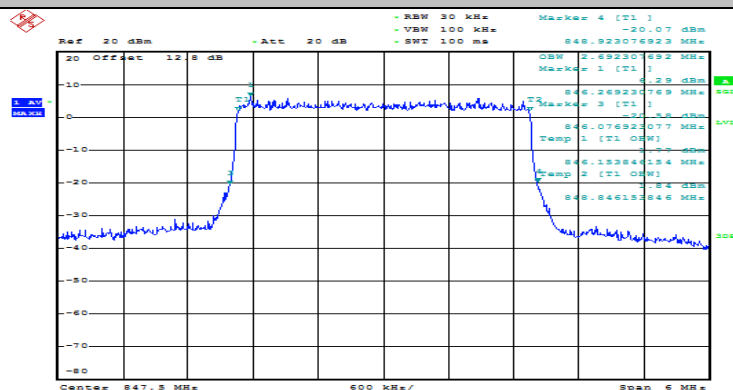
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(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



Date: 25.AUG.2017 07:27:17

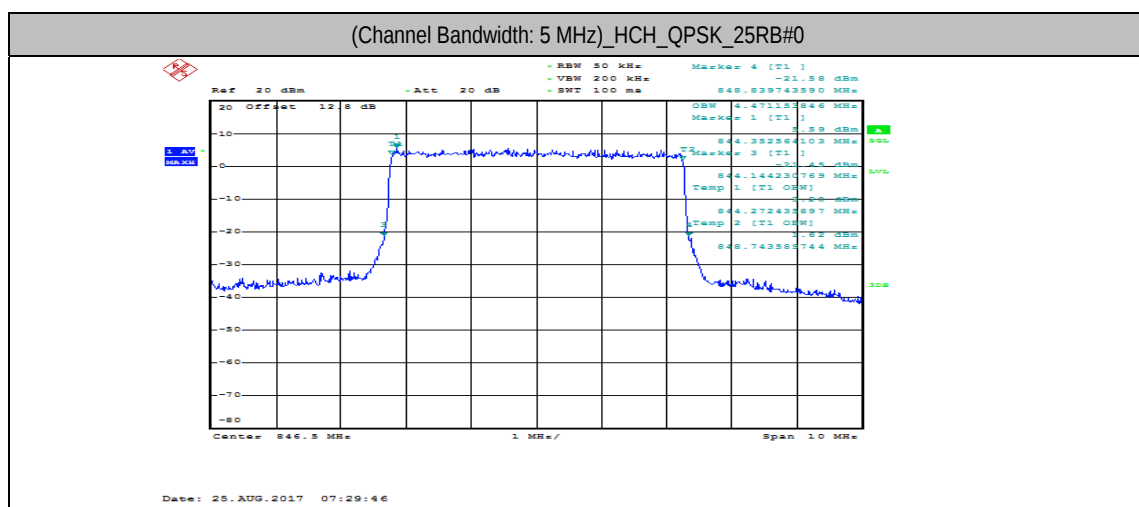
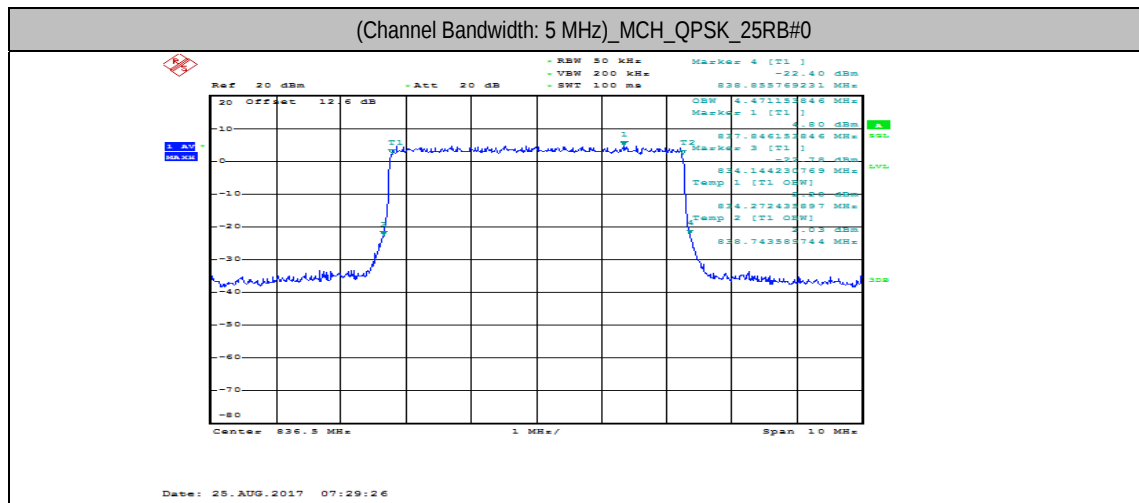
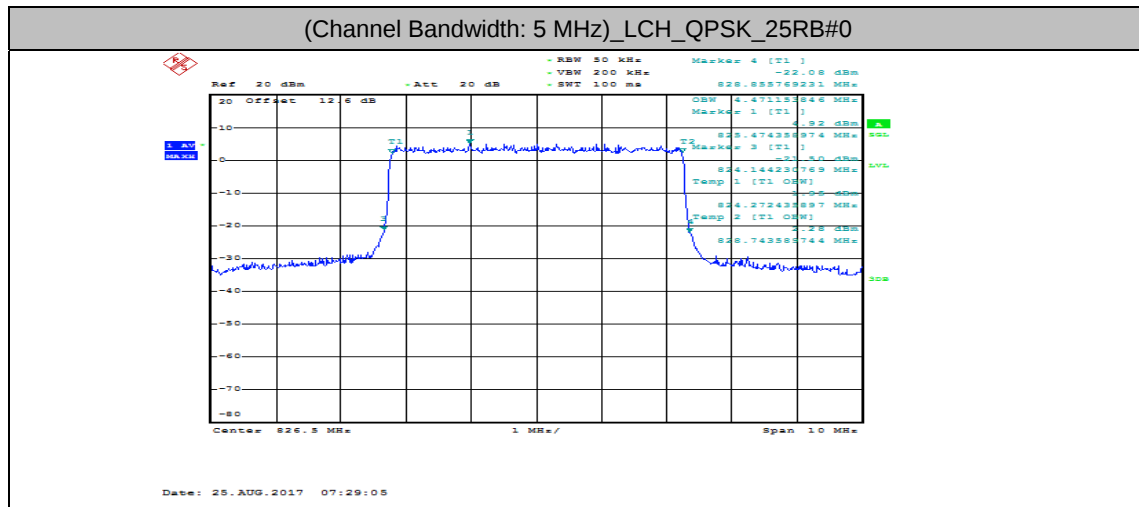
(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



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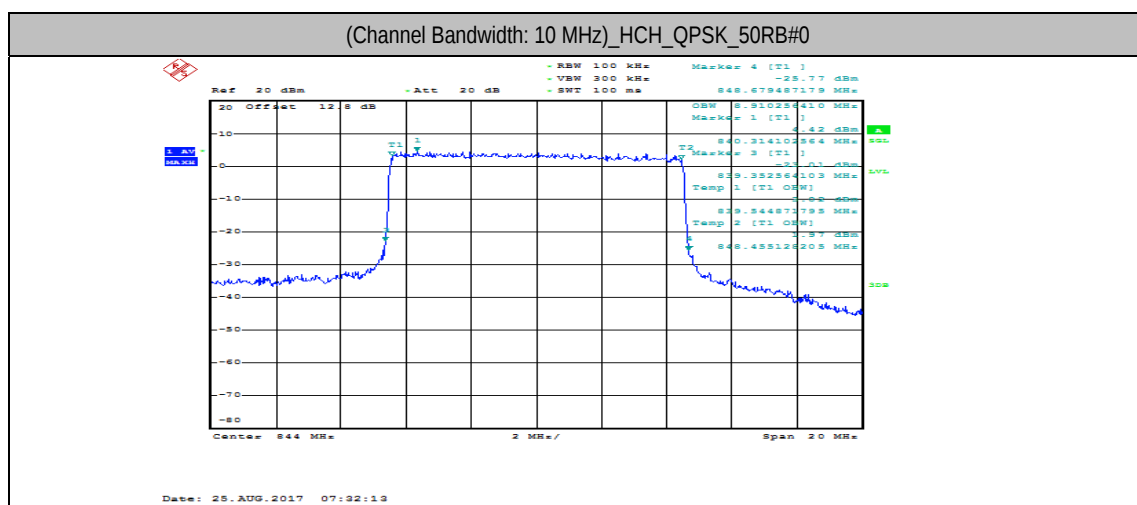
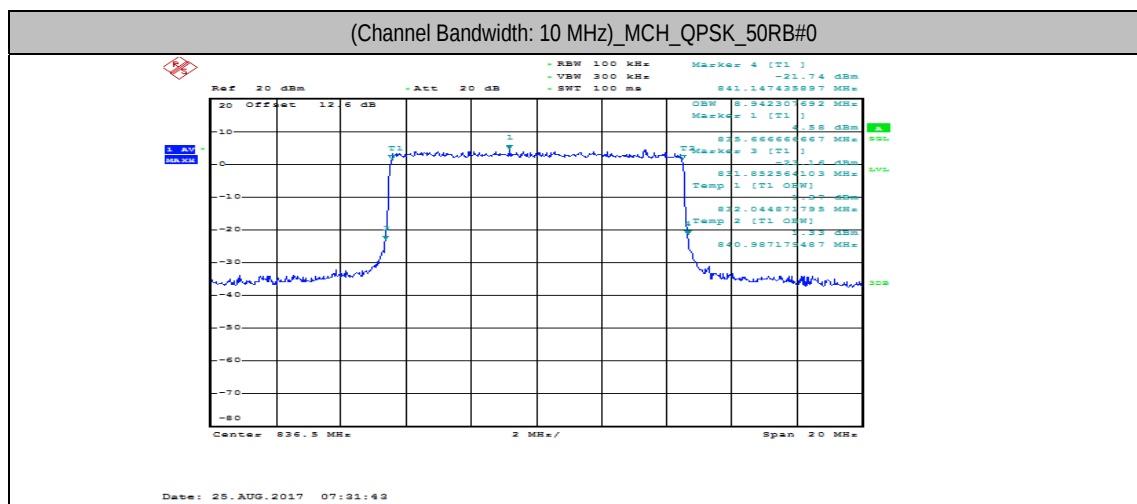
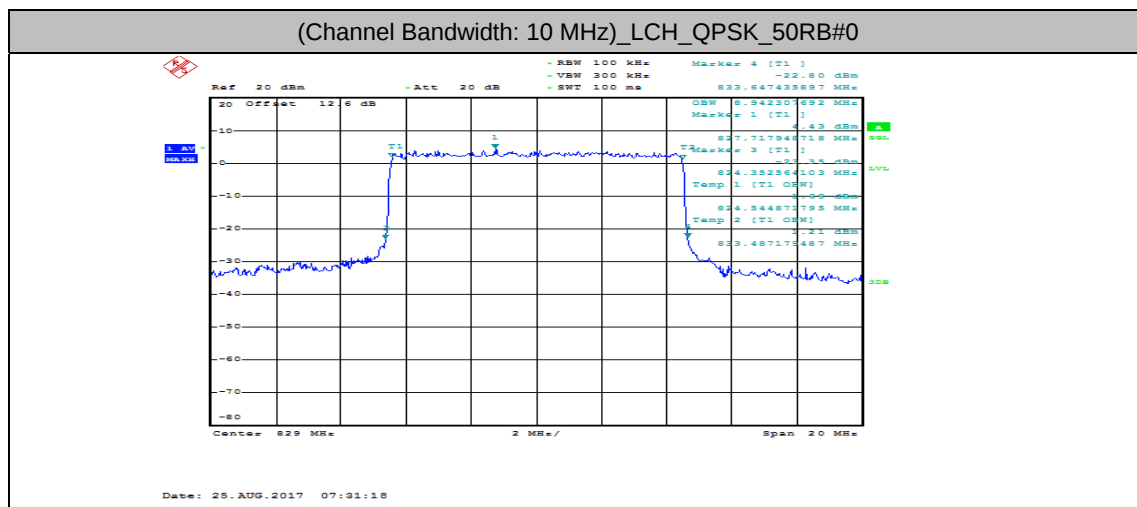


Channel Bandwidth: 5 MHz



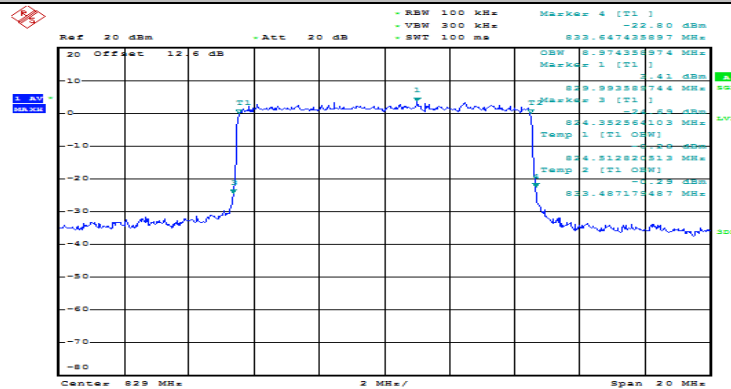


Channel Bandwidth: 10 MHz



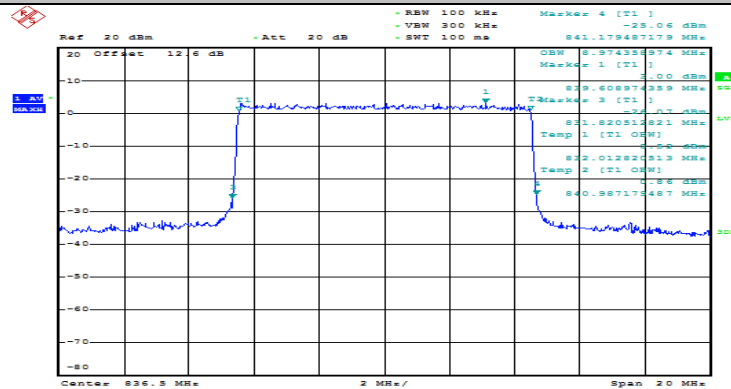


(Channel Bandwidth: 10 MHz)_LCH_16QAM_50RB#0



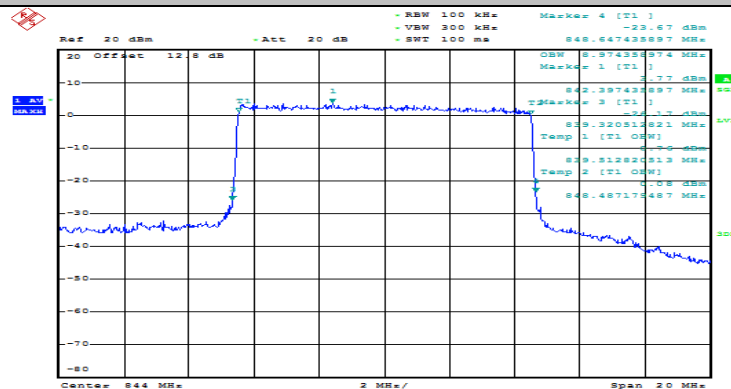
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(Channel Bandwidth: 10 MHz)_MCH_16QAM_50RB#0



Date: 25.AUG.2017 07:31:59

(Channel Bandwidth: 10 MHz)_HCH_16QAM_50RB#0



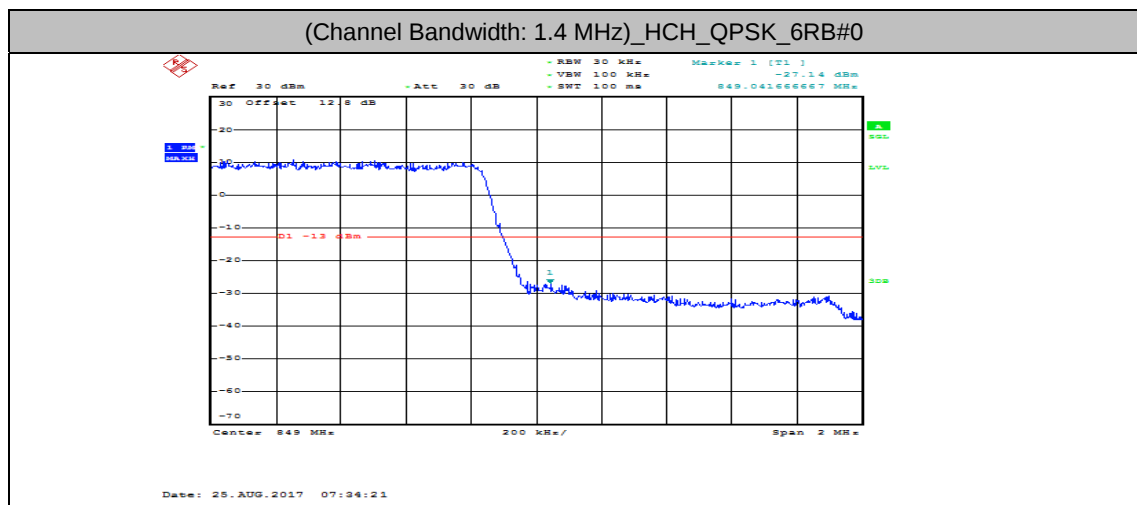
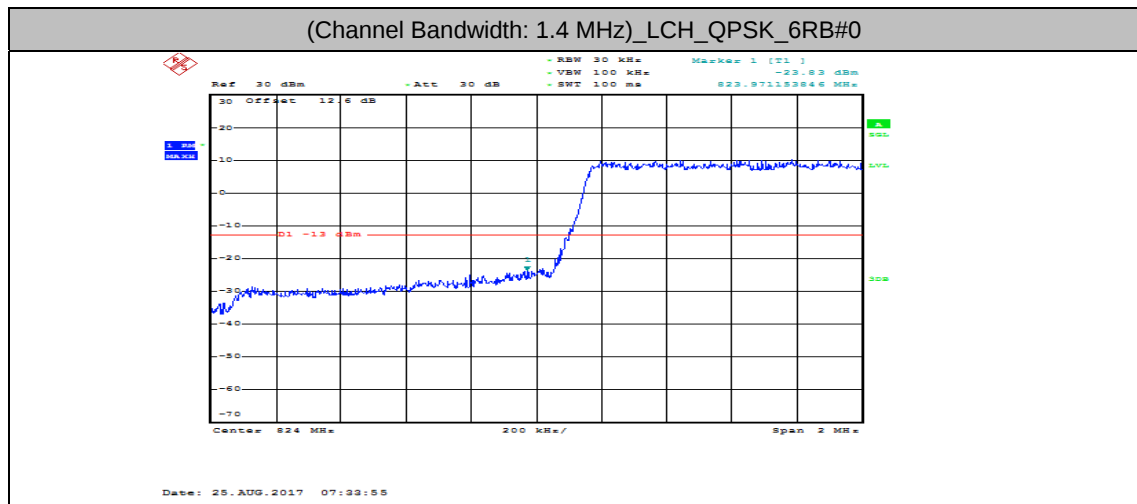
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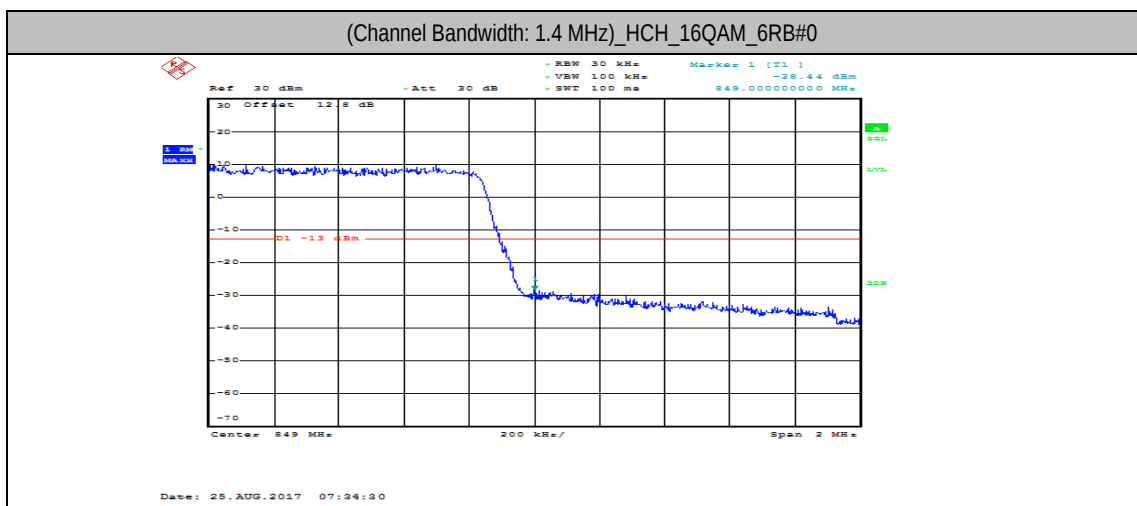
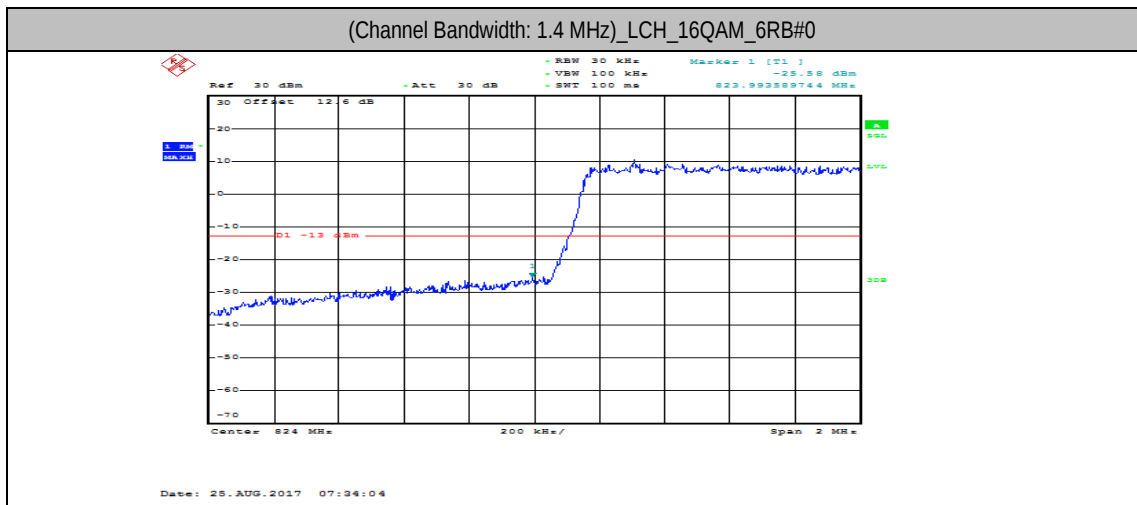


Appendix D: Band Edge

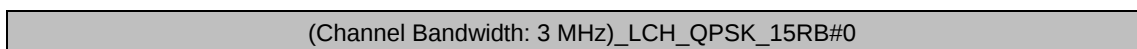
Test Graphs

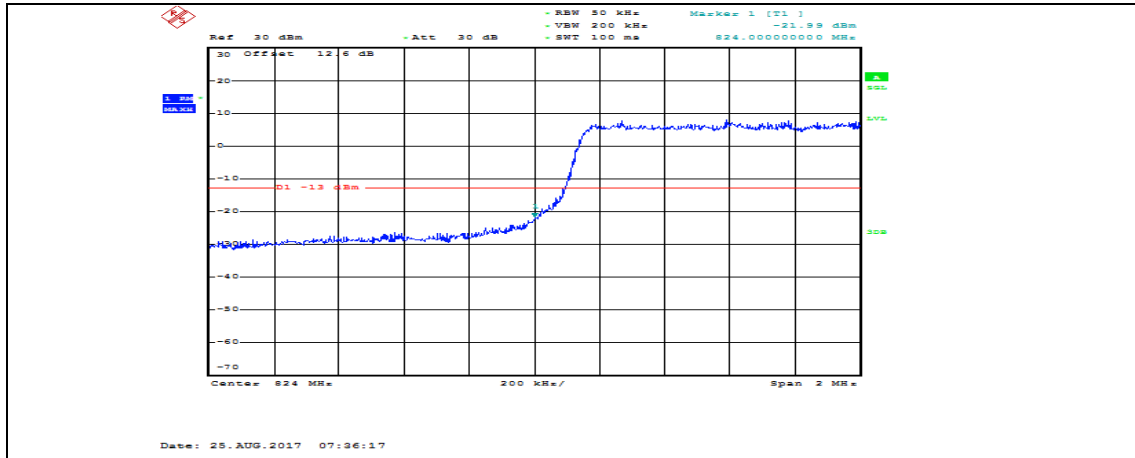
Channel Bandwidth: 1.4 MHz



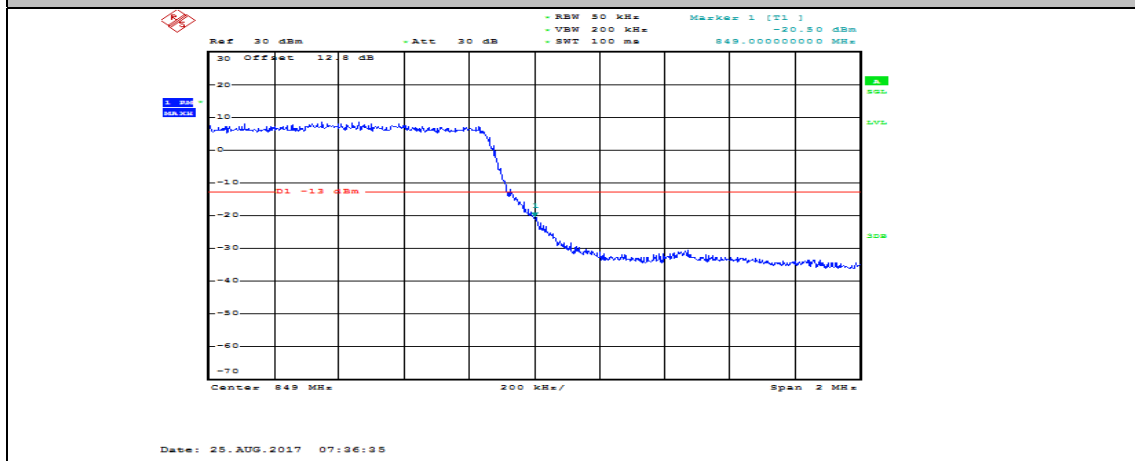


Channel Bandwidth: 3 MHz

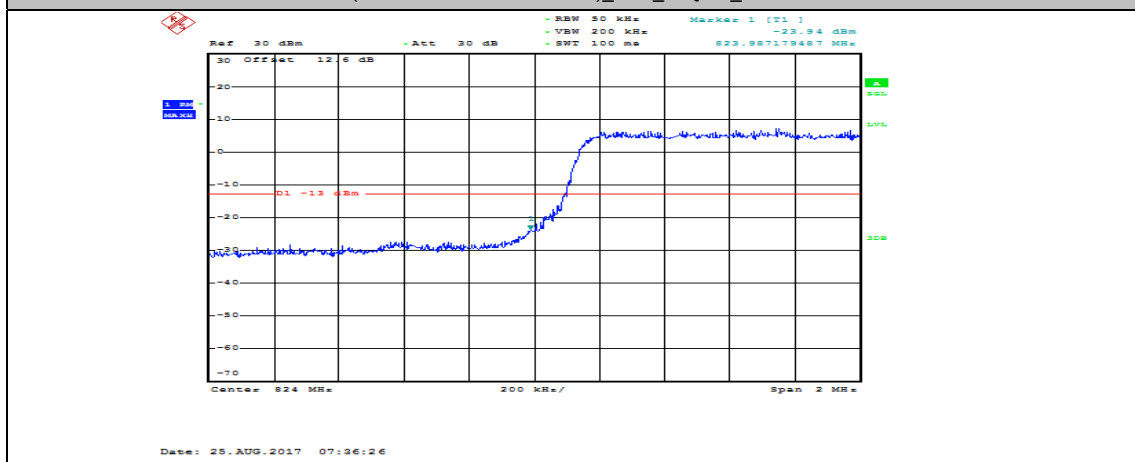




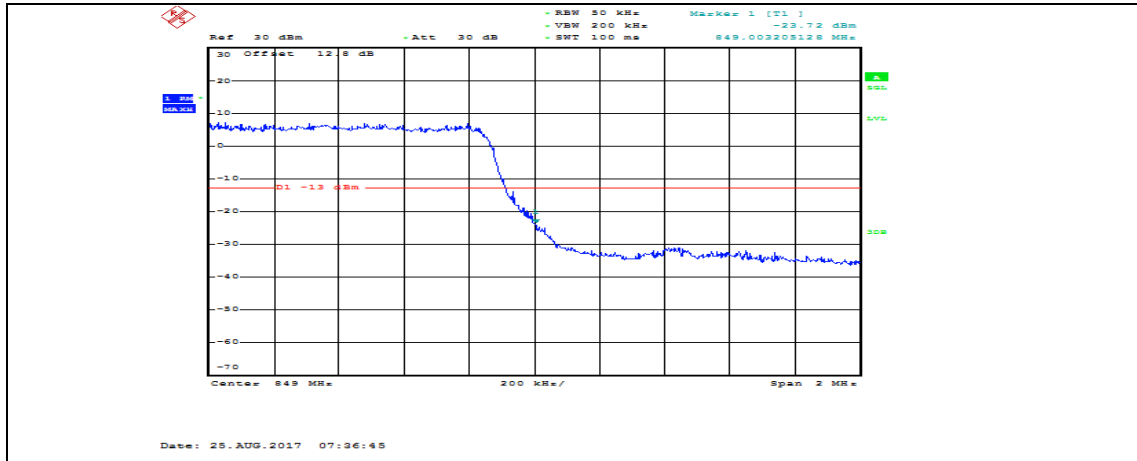
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



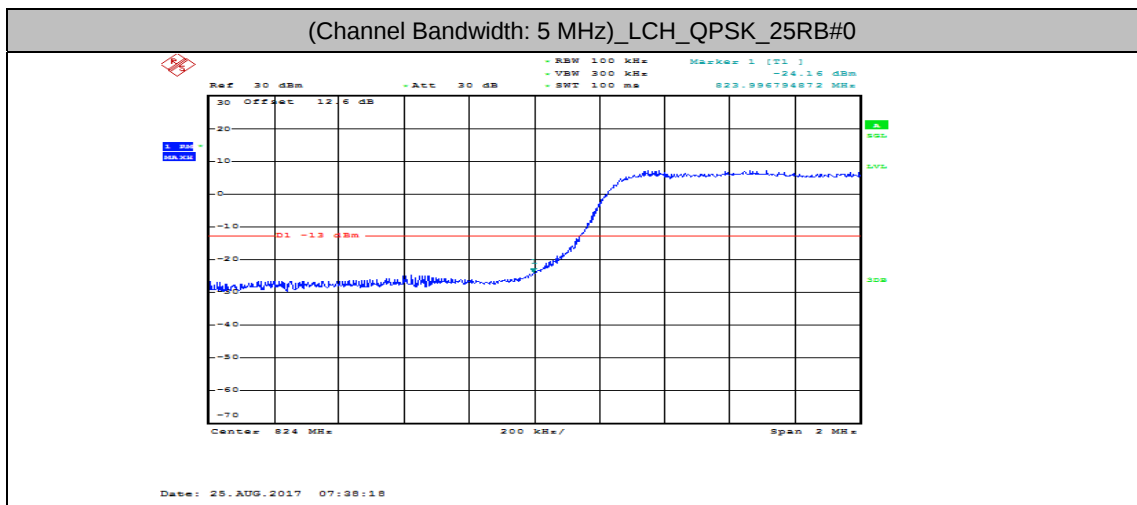
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



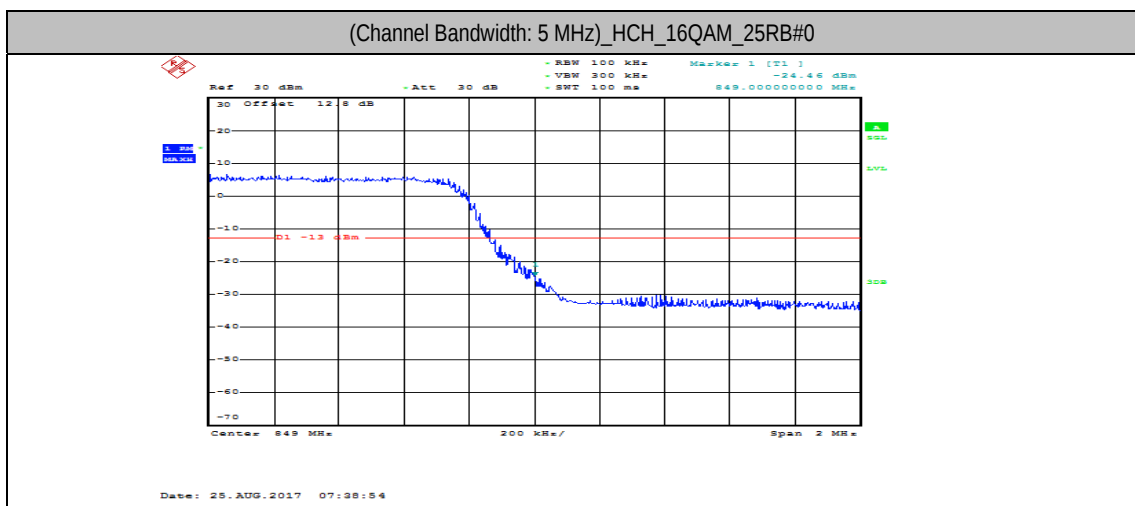
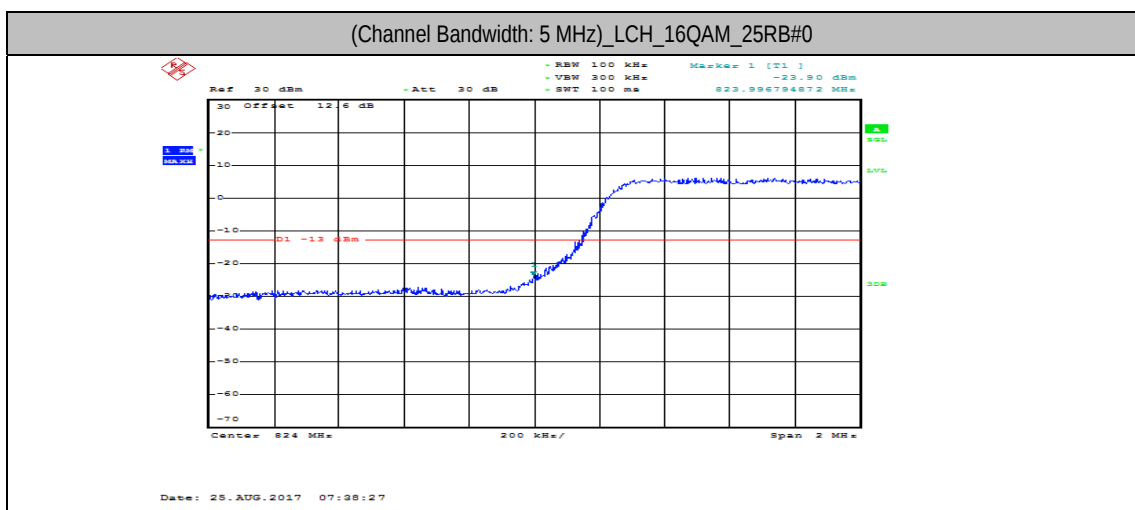
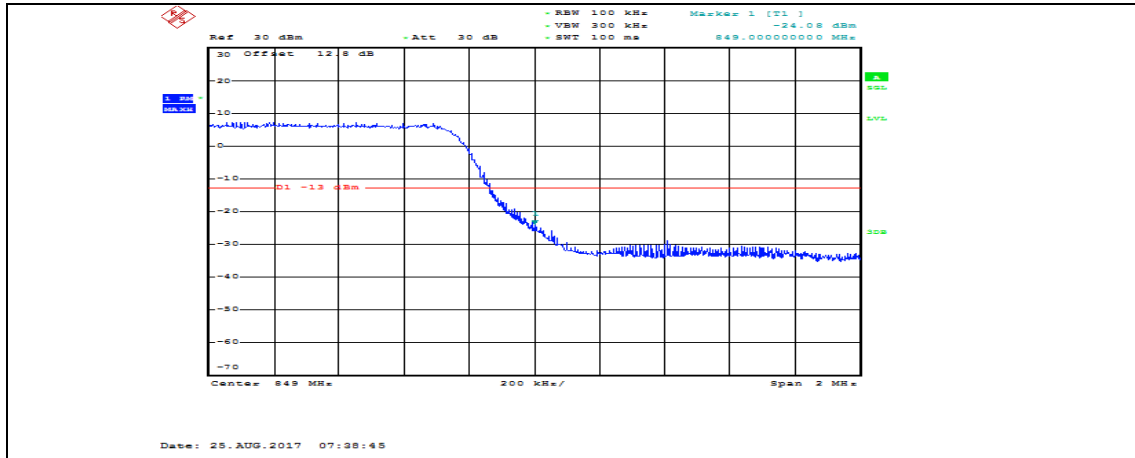
(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



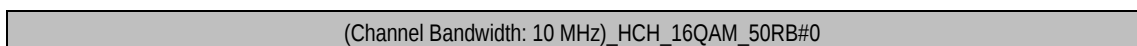
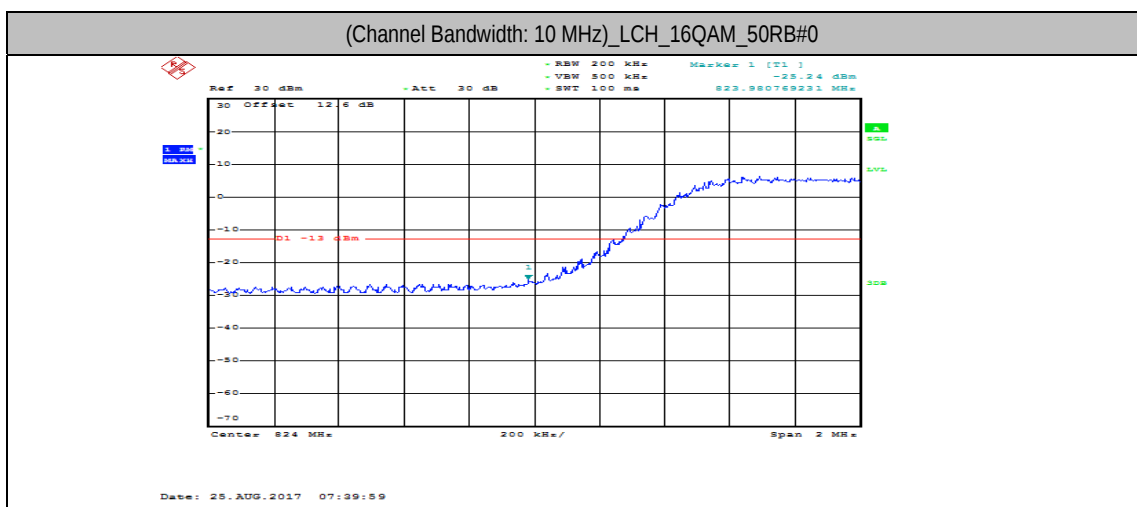
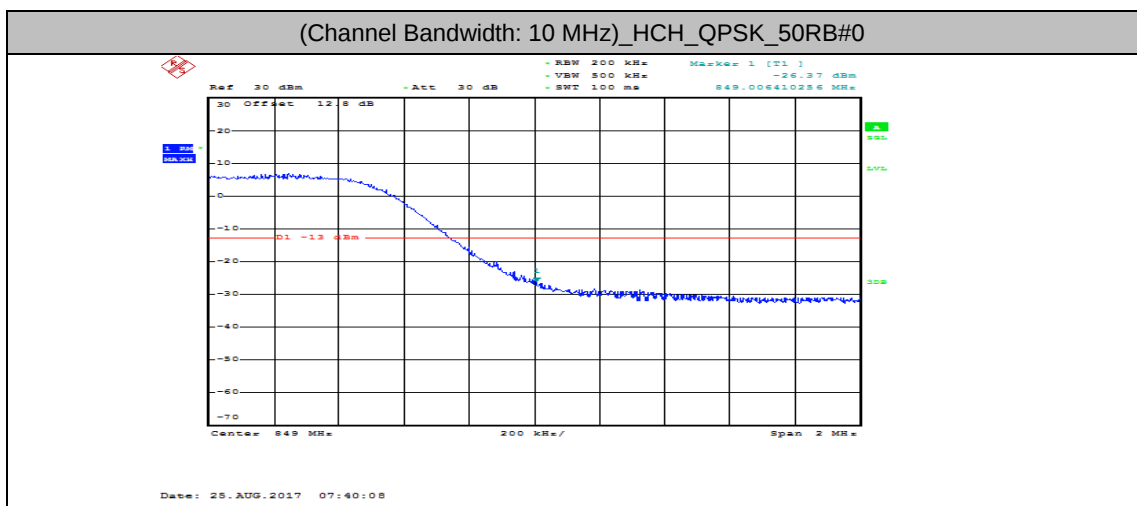
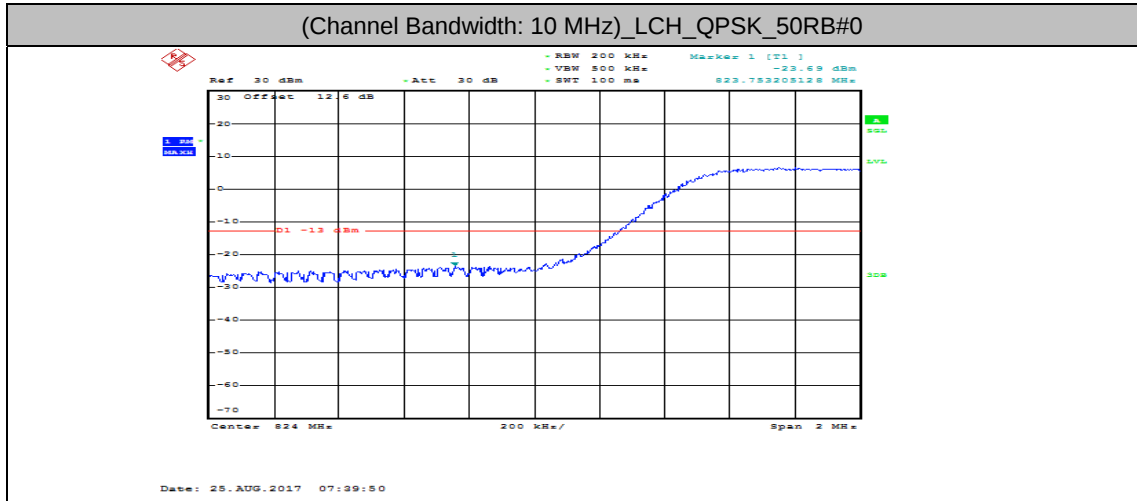
Channel Bandwidth: 5 MHz

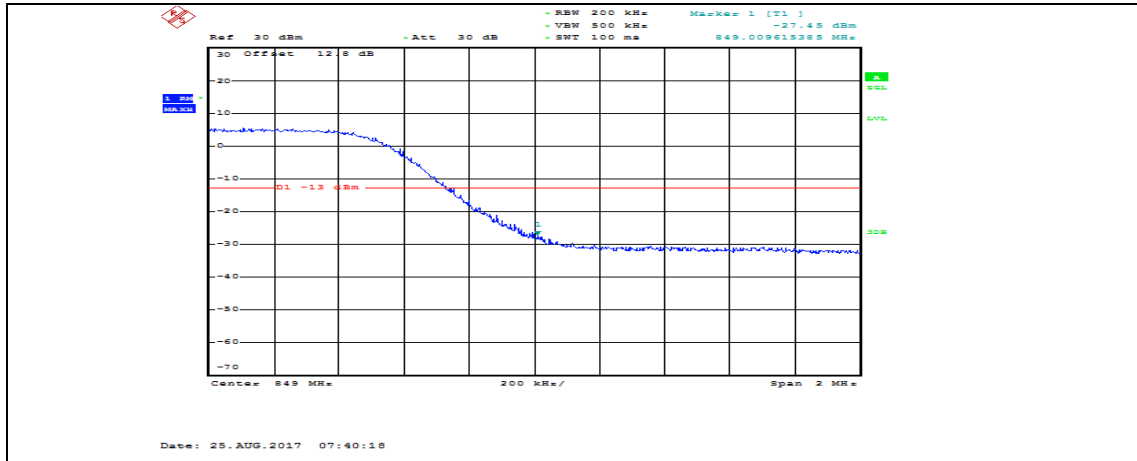


(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz



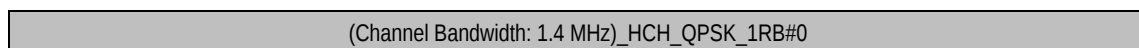
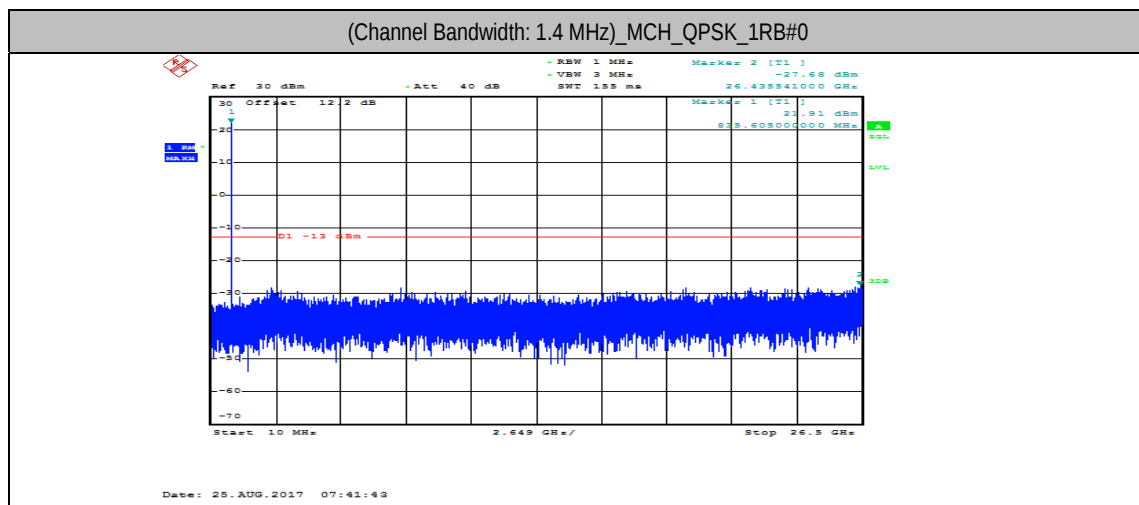
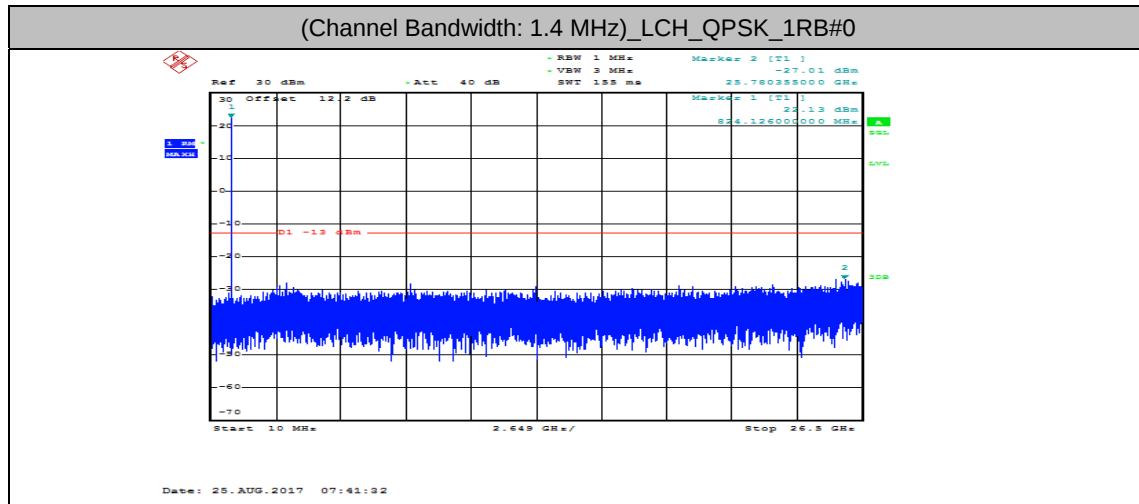


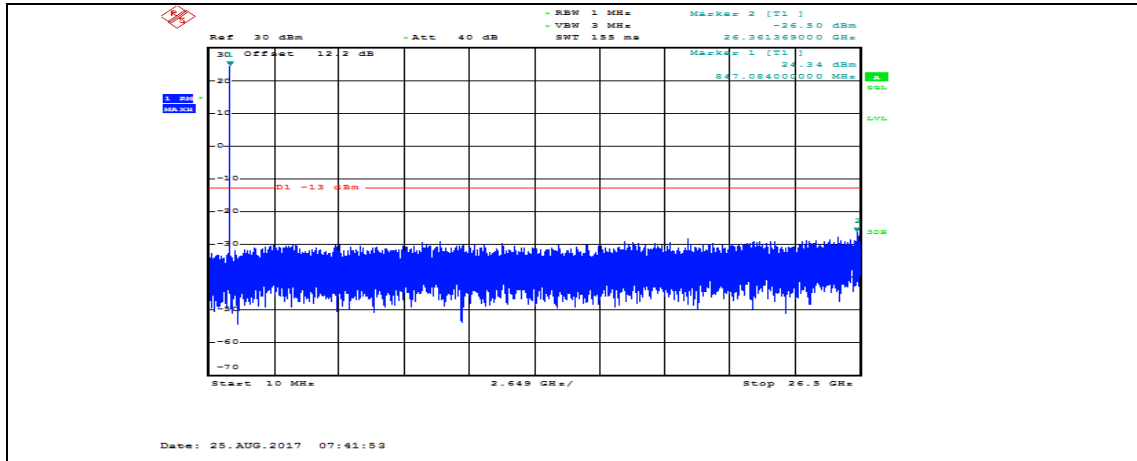


Appendix E: Conducted Spurious Emission

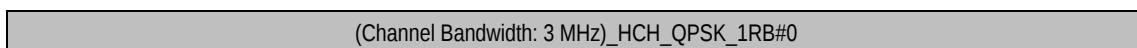
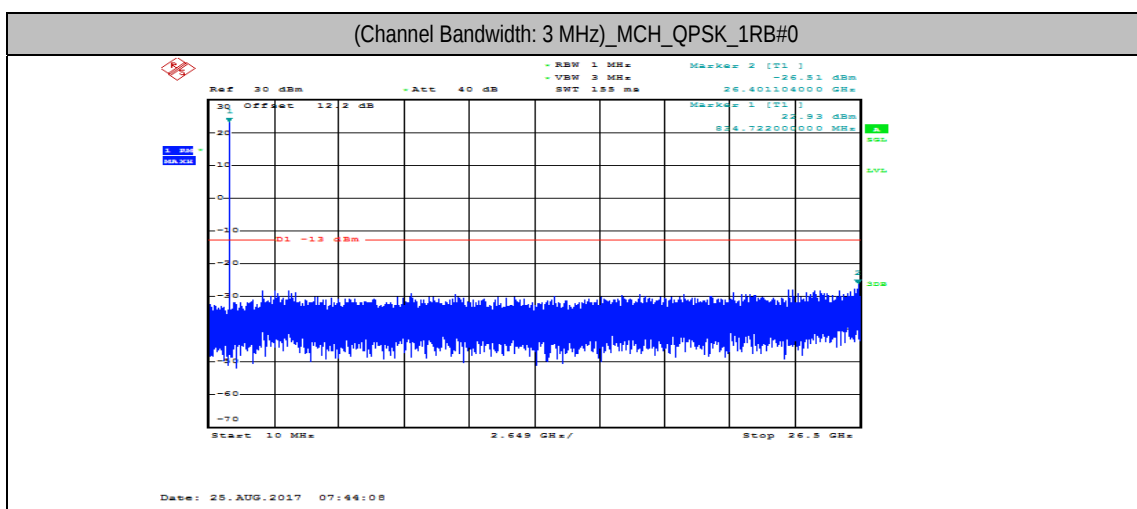
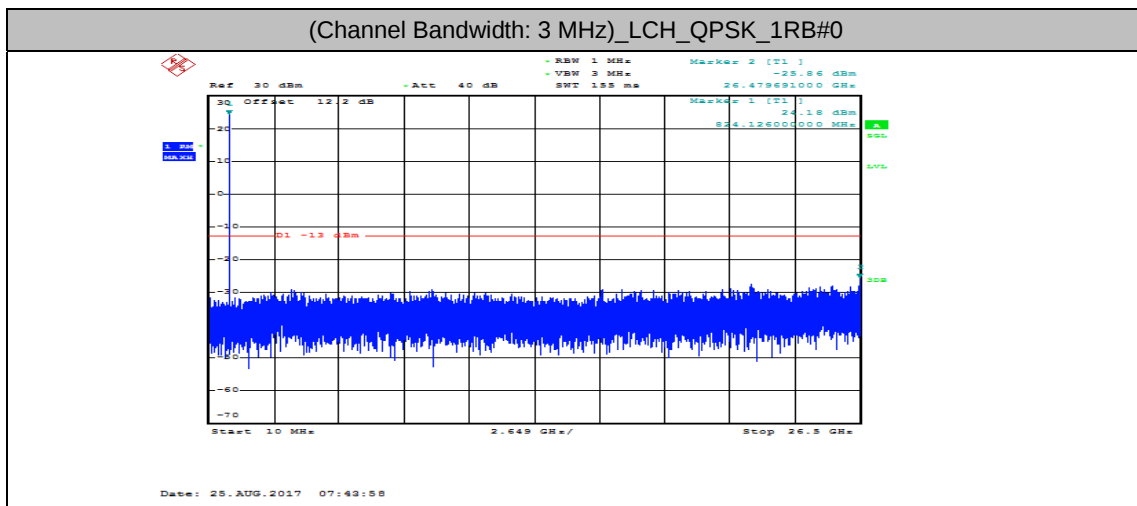
Test Graphs

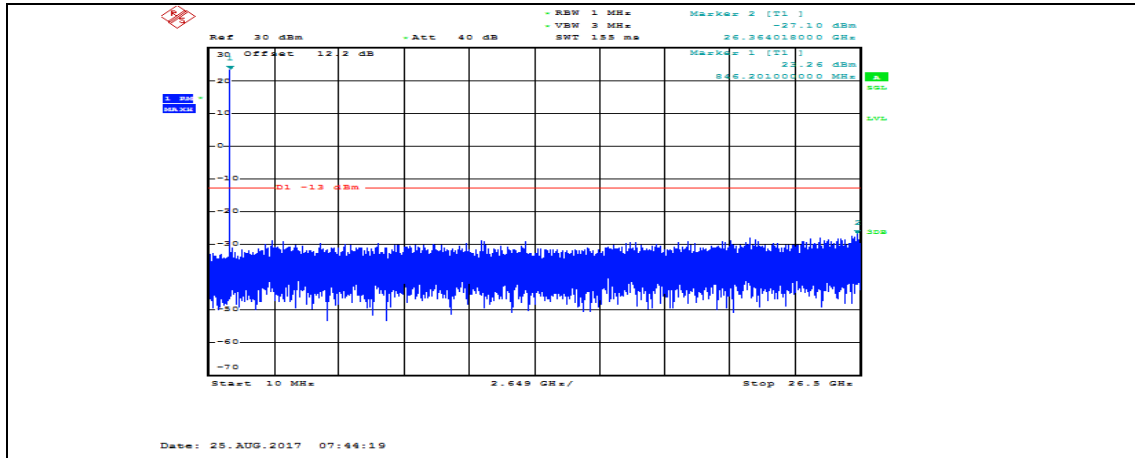
Channel Bandwidth: 1.4 MHz



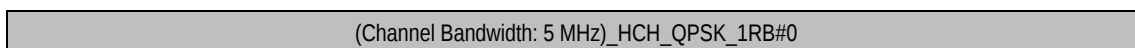
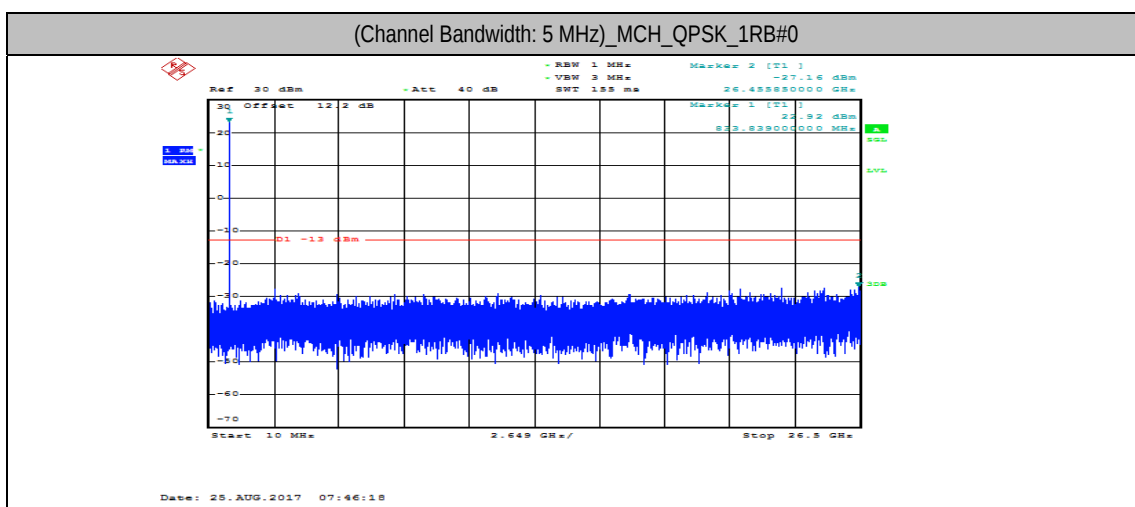
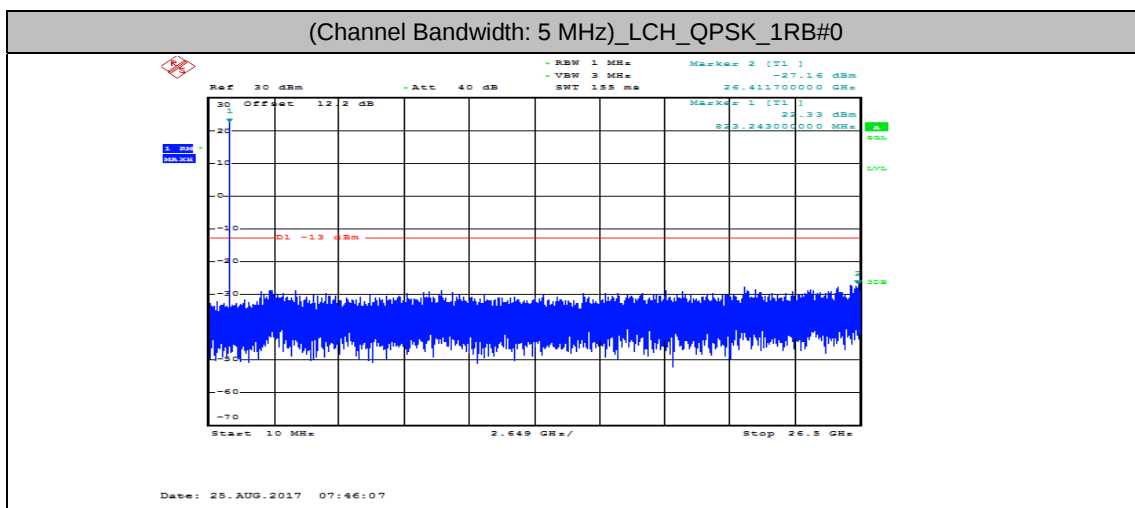


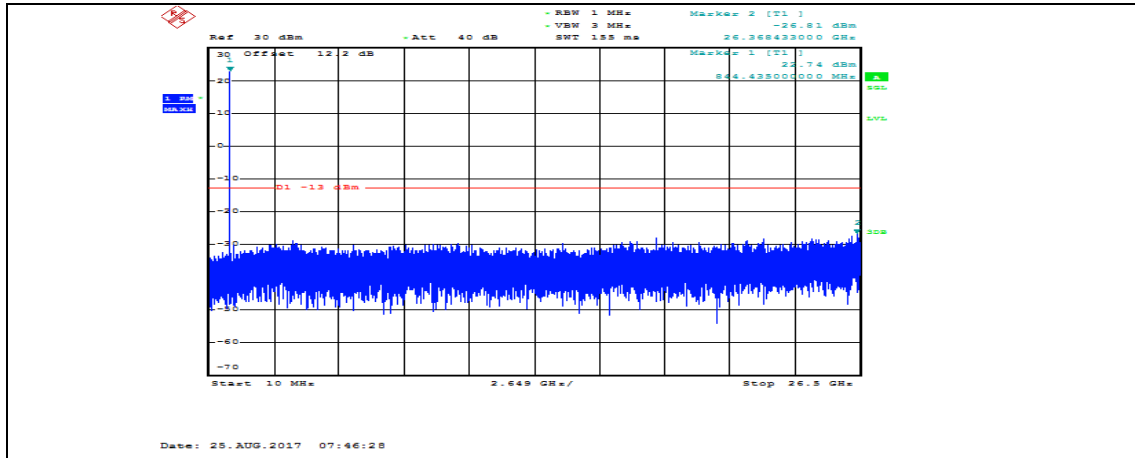
Channel Bandwidth: 3 MHz



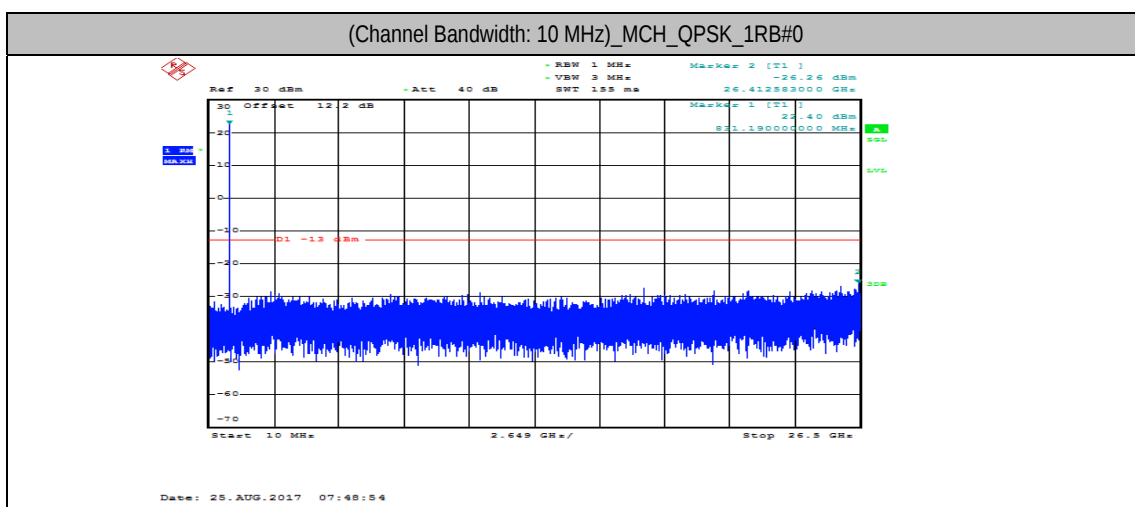
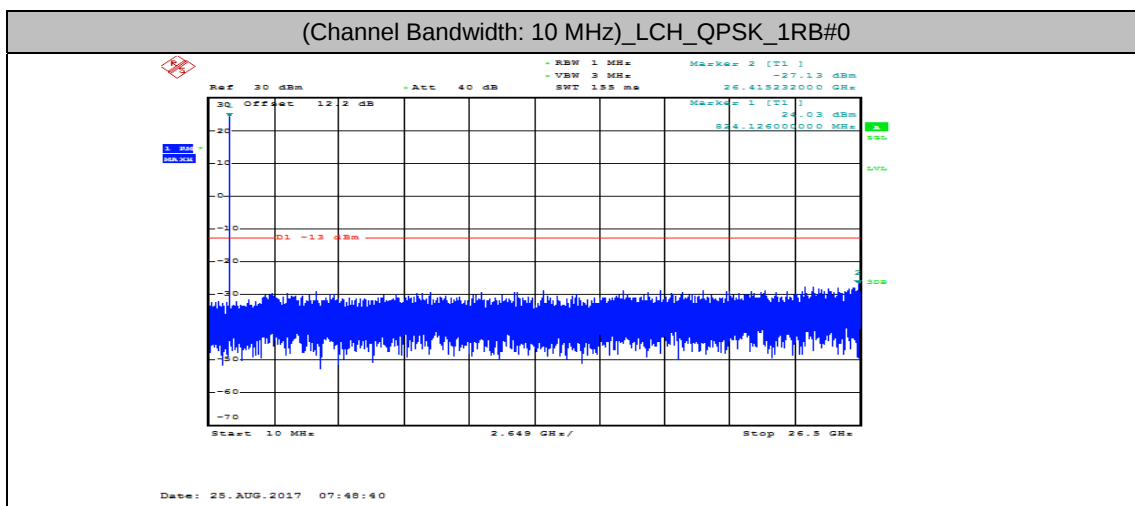


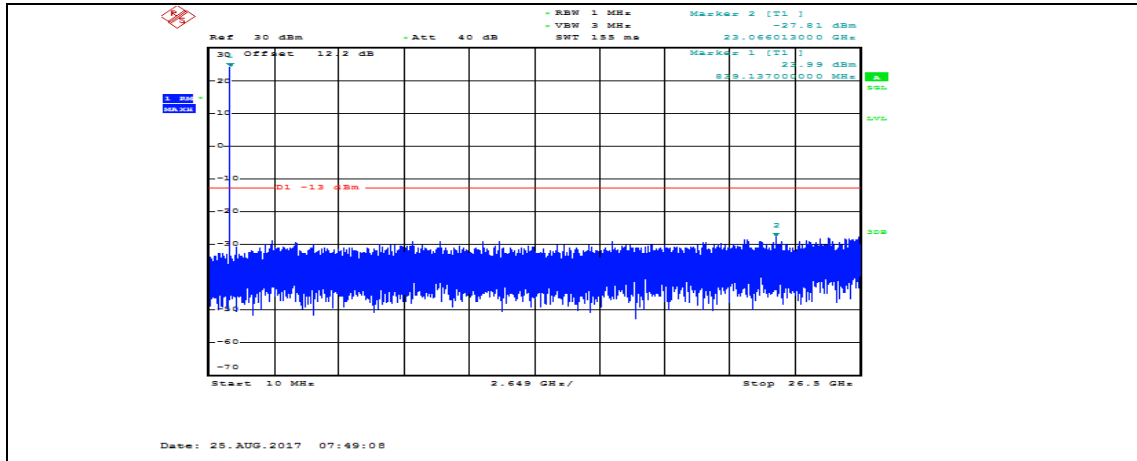
Channel Bandwidth: 5 MHz





Channel Bandwidth: 10 MHz







Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	0.20	0.000243	± 2.5	PASS
		VN	TN	-0.50	-0.000606	± 2.5	PASS
		VH	TN	1.00	0.001213	± 2.5	PASS
	MCH	VL	TN	1.30	0.001554	± 2.5	PASS
		VN	TN	0.10	0.000120	± 2.5	PASS
		VH	TN	0.60	0.000717	± 2.5	PASS
	HCH	VL	TN	0.60	0.000707	± 2.5	PASS
		VN	TN	-0.20	-0.000236	± 2.5	PASS
		VH	TN	1.30	0.001532	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.40	0.001698	± 2.5	PASS
		VN	-20	-1.10	-0.001334	± 2.5	PASS
		VN	-10	0.10	0.000121	± 2.5	PASS
		VN	0	-0.70	-0.000849	± 2.5	PASS
		VN	10	-0.10	-0.000121	± 2.5	PASS
		VN	20	0.00	0.000000	± 2.5	PASS
		VN	30	0.60	0.000728	± 2.5	PASS
		VN	40	-1.40	-0.001698	± 2.5	PASS
		VN	50	0.90	0.001091	± 2.5	PASS
	MCH	VN	-30	0.40	0.000478	± 2.5	PASS
		VN	-20	1.30	0.001554	± 2.5	PASS
		VN	-10	1.50	0.001793	± 2.5	PASS
		VN	0	0.00	0.000000	± 2.5	PASS
		VN	10	1.20	0.001435	± 2.5	PASS
		VN	20	-0.20	-0.000239	± 2.5	PASS
		VN	30	1.80	0.002152	± 2.5	PASS
		VN	40	1.30	0.001554	± 2.5	PASS
		VN	50	0.80	0.000956	± 2.5	PASS
	HCH	VN	-30	1.10	0.001297	± 2.5	PASS
		VN	-20	-1.00	-0.001179	± 2.5	PASS
		VN	-10	0.90	0.001061	± 2.5	PASS



		VN	0	0.10	0.000118	± 2.5	PASS
		VN	10	-0.10	-0.000118	± 2.5	PASS
		VN	20	0.30	0.000354	± 2.5	PASS
		VN	30	0.20	0.000236	± 2.5	PASS
		VN	40	1.20	0.001415	± 2.5	PASS
		VN	50	2.00	0.002358	± 2.5	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz+							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	0.20	0.000242	± 2.5	PASS
		VN	TN	-0.20	-0.000242	± 2.5	PASS
		VH	TN	-0.10	-0.000121	± 2.5	PASS
	MCH	VL	TN	-0.30	-0.000359	± 2.5	PASS
		VN	TN	0.40	0.000478	± 2.5	PASS
		VH	TN	-1.80	-0.002152	± 2.5	PASS
	HCH	VL	TN	-1.60	-0.001888	± 2.5	PASS
		VN	TN	-2.90	-0.003422	± 2.5	PASS
		VH	TN	-0.80	-0.000944	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.10	-0.000121	± 2.5	PASS
		VN	-20	-0.90	-0.001090	± 2.5	PASS
		VN	-10	0.00	0.000000	± 2.5	PASS
		VN	0	1.40	0.001696	± 2.5	PASS
		VN	10	0.50	0.000606	± 2.5	PASS
		VN	20	2.10	0.002544	± 2.5	PASS
		VN	30	0.30	0.000363	± 2.5	PASS
		VN	40	1.40	0.001696	± 2.5	PASS
		VN	50	0.30	0.000363	± 2.5	PASS
	MCH	VN	-30	-1.00	-0.001195	± 2.5	PASS
		VN	-20	0.70	0.000837	± 2.5	PASS
		VN	-10	-1.10	-0.001315	± 2.5	PASS
		VN	0	-1.00	-0.001195	± 2.5	PASS
		VN	10	-0.70	-0.000837	± 2.5	PASS
		VN	20	-1.50	-0.001793	± 2.5	PASS
		VN	30	-0.90	-0.001076	± 2.5	PASS
		VN	40	-0.80	-0.000956	± 2.5	PASS
		VN	50	-0.90	-0.001076	± 2.5	PASS
	HCH	VN	-30	-1.00	-0.001180	± 2.5	PASS
		VN	-20	-1.10	-0.001298	± 2.5	PASS
		VN	-10	-0.70	-0.000826	± 2.5	PASS
		VN	0	-2.10	-0.002478	± 2.5	PASS
		VN	10	-0.50	-0.000590	± 2.5	PASS



		VN	20	-1.00	-0.001180	± 2.5	PASS
		VN	30	-1.10	-0.001298	± 2.5	PASS
		VN	40	-1.50	-0.001770	± 2.5	PASS
		VN	50	-1.10	-0.001298	± 2.5	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-1.20	-0.001452	± 2.5	PASS
		VN	TN	-0.10	-0.000121	± 2.5	PASS
		VH	TN	-2.90	-0.003509	± 2.5	PASS
	MCH	VL	TN	-0.40	-0.000478	± 2.5	PASS
		VN	TN	-0.70	-0.000837	± 2.5	PASS
		VH	TN	0.70	0.000837	± 2.5	PASS
	HCH	VL	TN	-1.00	-0.001181	± 2.5	PASS
		VN	TN	-0.30	-0.000354	± 2.5	PASS
		VH	TN	-0.50	-0.000591	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.10	-0.001331	± 2.5	PASS
		VN	-20	0.00	0.000000	± 2.5	PASS
		VN	-10	-1.50	-0.001815	± 2.5	PASS
		VN	0	-0.60	-0.000726	± 2.5	PASS
		VN	10	-0.10	-0.000121	± 2.5	PASS
		VN	20	-2.80	-0.003388	± 2.5	PASS
		VN	30	-1.20	-0.001452	± 2.5	PASS
		VN	40	-1.90	-0.002299	± 2.5	PASS
		VN	50	-0.90	-0.001089	± 2.5	PASS
	MCH	VN	-30	-0.40	-0.000478	± 2.5	PASS
		VN	-20	0.90	0.001076	± 2.5	PASS
		VN	-10	-0.40	-0.000478	± 2.5	PASS
		VN	0	-0.80	-0.000956	± 2.5	PASS
		VN	10	-1.10	-0.001315	± 2.5	PASS
		VN	20	-1.70	-0.002032	± 2.5	PASS
		VN	30	-1.50	-0.001793	± 2.5	PASS
		VN	40	0.00	0.000000	± 2.5	PASS
		VN	50	0.20	0.000239	± 2.5	PASS
	HCH	VN	-30	-0.30	-0.000354	± 2.5	PASS
		VN	-20	0.40	0.000473	± 2.5	PASS
		VN	-10	-1.10	-0.001299	± 2.5	PASS
		VN	0	0.60	0.000709	± 2.5	PASS
		VN	10	-0.80	-0.000945	± 2.5	PASS
		VN	20	-1.10	-0.001299	± 2.5	PASS
		VN	30	0.20	0.000236	± 2.5	PASS



		VN	40	-0.50	-0.000591	± 2.5	PASS
		VN	50	0.30	0.000354	± 2.5	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-0.40	-0.000483	± 2.5	PASS
		VN	TN	-0.20	-0.000241	± 2.5	PASS
		VH	TN	-0.40	-0.000483	± 2.5	PASS
	MCH	VL	TN	-0.10	-0.000120	± 2.5	PASS
		VN	TN	-1.00	-0.001195	± 2.5	PASS
		VH	TN	-2.00	-0.002391	± 2.5	PASS
	HCH	VL	TN	-0.50	-0.000592	± 2.5	PASS
		VN	TN	0.20	0.000237	± 2.5	PASS
		VH	TN	-1.70	-0.002014	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.70	-0.000844	± 2.5	PASS
		VN	-20	0.30	0.000362	± 2.5	PASS
		VN	-10	0.30	0.000362	± 2.5	PASS
		VN	0	-0.80	-0.000965	± 2.5	PASS
		VN	10	-1.10	-0.001327	± 2.5	PASS
		VN	20	0.40	0.000483	± 2.5	PASS
		VN	30	-0.90	-0.001086	± 2.5	PASS
		VN	40	-0.10	-0.000121	± 2.5	PASS
		VN	50	-0.20	-0.000241	± 2.5	PASS
	MCH	VN	-30	-0.50	-0.000598	± 2.5	PASS
		VN	-20	-0.30	-0.000359	± 2.5	PASS
		VN	-10	-1.00	-0.001195	± 2.5	PASS
		VN	0	-1.20	-0.001435	± 2.5	PASS
		VN	10	0.20	0.000239	± 2.5	PASS
		VN	20	0.80	0.000956	± 2.5	PASS
		VN	30	-1.30	-0.001554	± 2.5	PASS
		VN	40	-0.30	-0.000359	± 2.5	PASS
		VN	50	0.30	0.000359	± 2.5	PASS
	HCH	VN	-30	-0.40	-0.000474	± 2.5	PASS
		VN	-20	-1.00	-0.001185	± 2.5	PASS
		VN	-10	-0.60	-0.000711	± 2.5	PASS
		VN	0	-0.50	-0.000592	± 2.5	PASS
		VN	10	0.20	0.000237	± 2.5	PASS
		VN	20	-0.70	-0.000829	± 2.5	PASS
		VN	30	0.40	0.000474	± 2.5	PASS
		VN	40	0.20	0.000237	± 2.5	PASS
	VN	50	0.30	0.000355	± 2.5	PASS	

