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	23.2	PASS
		1	2	23.19	PASS
		1	5	23.08	PASS
		3	0	22.3	PASS
		3	1	22.21	PASS
		3	3	22.17	PASS
		6	0	22.29	PASS
	MCH	1	0	23.19	PASS
		1	2	22.97	PASS
		1	5	22.91	PASS
		3	0	22.29	PASS
		3	1	22.23	PASS
		3	3	22.14	PASS
		6	0	22.15	PASS
	HCH	1	0	23.13	PASS
		1	2	22.89	PASS
		1	5	22.95	PASS
		3	0	22.24	PASS
		3	1	22.15	PASS
		3	3	22.12	PASS
		6	0	22.08	PASS
16QAM	LCH	1	0	22.57	PASS
		1	2	22.67	PASS
		1	5	22.44	PASS
		3	0	21.35	PASS
		3	1	21.26	PASS
		3	3	21.29	PASS
		6	0	21.32	PASS
	MCH	1	0	22.83	PASS
		1	2	22.34	PASS
		1	5	22.23	PASS
		3	0	21.29	PASS
		3	1	21.25	PASS

		3	3	21.27	PASS
		6	0	21.12	PASS
	HCH	1	0	22.49	PASS
		1	2	22.2	PASS
		1	5	22.34	PASS
		3	0	21.19	PASS
		3	1	21.25	PASS
		3	3	21.14	PASS
		6	0	21.16	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.18	PASS
		1	7	22.99	PASS
		1	14	23.05	PASS
		8	0	22.25	PASS
		8	3	22.29	PASS
		8	7	22.24	PASS
		15	0	22.23	PASS
	MCH	1	0	22.92	PASS
		1	7	23.09	PASS
		1	14	23.01	PASS
		8	0	22.14	PASS
		8	3	22.22	PASS
		8	7	22.07	PASS
		15	0	22.15	PASS
	HCH	1	0	22.94	PASS
		1	7	23.17	PASS
		1	14	22.88	PASS
		8	0	22.04	PASS
		8	3	22.07	PASS
		8	7	22.06	PASS
		15	0	22.03	PASS
16QAM	LCH	1	0	22.38	PASS
		1	7	22.67	PASS
		1	14	22.32	PASS
		8	0	21.1	PASS
		8	3	21.16	PASS

		8	7	21.11	PASS
		15	0	21.15	PASS
	MCH	1	0	22.26	PASS
		1	7	22.56	PASS
		1	14	22.43	PASS
		8	0	21.07	PASS
		8	3	21.04	PASS
		8	7	21.1	PASS
		15	0	21.18	PASS
	HCH	1	0	22.22	PASS
		1	7	22.4	PASS
		1	14	22.15	PASS
		8	0	21.12	PASS
		8	3	20.96	PASS
		8	7	20.98	PASS
		15	0	21	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.13	PASS
		1	12	23.03	PASS
		1	24	23.11	PASS
		12	0	22.21	PASS
		12	6	22.33	PASS
		12	13	22.23	PASS
		25	0	22.23	PASS
	MCH	1	0	23.29	PASS
		1	12	23.17	PASS
		1	24	22.96	PASS
		12	0	22.23	PASS
		12	6	22.19	PASS
		12	13	22.1	PASS
		25	0	22.17	PASS
	HCH	1	0	22.95	PASS
		1	12	23.01	PASS
		1	24	22.8	PASS
		12	0	22.08	PASS
		12	6	22.08	PASS
		12	13	22.03	PASS

		25	0	22.12	PASS
16QAM	LCH	1	0	22.49	PASS
		1	12	22.26	PASS
		1	24	22.28	PASS
		12	0	21.27	PASS
		12	6	21.18	PASS
		12	13	21.18	PASS
		25	0	21.32	PASS
	MCH	1	0	22.54	PASS
		1	12	22.17	PASS
		1	24	22.2	PASS
		12	0	21.04	PASS
		12	6	21.32	PASS
		12	13	21.22	PASS
		25	0	21.11	PASS
	HCH	1	0	22.22	PASS
		1	12	22.07	PASS
		1	24	22.13	PASS
		12	0	21.16	PASS
		12	6	21.08	PASS
		12	13	21.03	PASS
		25	0	21.1	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.22	PASS
		1	24	23.05	PASS
		1	49	23	PASS
		25	0	22.27	PASS
		25	12	22.24	PASS
		25	25	22.3	PASS
		50	0	22.31	PASS
	MCH	1	0	23.11	PASS
		1	24	23	PASS
		1	49	22.89	PASS
		25	0	22.18	PASS
		25	12	22.14	PASS
		25	25	22.18	PASS
		50	0	22.21	PASS

	HCH	1	0	23.23	PASS
		1	24	22.85	PASS
		1	49	22.9	PASS
		25	0	22.19	PASS
		25	12	22.1	PASS
		25	25	22.08	PASS
		50	0	22.09	PASS
16QAM	LCH	1	0	22.37	PASS
		1	24	22.29	PASS
		1	49	22.56	PASS
		25	0	21.19	PASS
		25	12	21.32	PASS
		25	25	21.21	PASS
		50	0	21.28	PASS
	MCH	1	0	22.5	PASS
		1	24	22.38	PASS
		1	49	22.28	PASS
		25	0	21.21	PASS
		25	12	21.29	PASS
		25	25	21.03	PASS
		50	0	21.23	PASS
	HCH	1	0	22.17	PASS
		1	24	22.34	PASS
		1	49	22.04	PASS
		25	0	21.18	PASS
		25	12	21.14	PASS
		25	25	21.11	PASS
		50	0	21.1	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.27	PASS
		1	37	23.19	PASS
		1	74	23.2	PASS
		36	0	22.32	PASS
		36	19	22.27	PASS
		36	39	22.2	PASS
		75	0	22.27	PASS
	MCH	1	0	23.25	PASS

		1	37	23.06	PASS
		1	74	22.98	PASS
		36	0	22.26	PASS
		36	19	22.2	PASS
		36	39	22.21	PASS
		75	0	22.21	PASS
	HCH	1	0	23.1	PASS
		1	37	22.94	PASS
		1	74	22.97	PASS
		36	0	22.23	PASS
		36	19	22.1	PASS
		36	39	22.09	PASS
		75	0	22.12	PASS
16QAM	LCH	1	0	22.54	PASS
		1	37	22.36	PASS
		1	74	22.44	PASS
		36	0	21.33	PASS
		36	19	21.28	PASS
		36	39	21.21	PASS
		75	0	21.31	PASS
	MCH	1	0	22.6	PASS
		1	37	22.27	PASS
		1	74	22.4	PASS
		36	0	21.2	PASS
		36	19	21.18	PASS
		36	39	21.12	PASS
		75	0	21.33	PASS
	HCH	1	0	22.35	PASS
		1	37	22.19	PASS
		1	74	22.07	PASS
		36	0	21.16	PASS
		36	19	21.15	PASS
		36	39	21.06	PASS
		75	0	21.2	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.3	PASS
		1	49	23.12	PASS

		1	99	23.02	PASS
		50	0	23.15	PASS
		50	25	23.16	PASS
		50	50	23.24	PASS
		100	0	22.22	PASS
	MCH	1	0	23.01	PASS
		1	49	23.01	PASS
		1	99	22.97	PASS
		50	0	23.2	PASS
		50	25	23.21	PASS
		50	50	23.1	PASS
		100	0	22.05	PASS
	HCH	1	0	22.96	PASS
		1	49	23.03	PASS
		1	99	22.82	PASS
		50	0	22.94	PASS
		50	25	23.09	PASS
		50	50	23.1	PASS
		100	0	21.96	PASS
16QAM	LCH	1	0	22.48	PASS
		1	49	22.41	PASS
		1	99	22.25	PASS
		50	0	22.15	PASS
		50	25	22.14	PASS
		50	50	22.27	PASS
		100	0	21.1	PASS
	MCH	1	0	22.31	PASS
		1	49	22.23	PASS
		1	99	22.34	PASS
		50	0	22.16	PASS
		50	25	22.08	PASS
		50	50	22.09	PASS
		100	0	21.17	PASS
	HCH	1	0	22.17	PASS
		1	49	22.19	PASS
		1	99	22.23	PASS
		50	0	21.98	PASS
		50	25	22.05	PASS
		50	50	22.01	PASS
		100	0	21.08	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	4.2	<13	PASS
16QAM	MCH	1	0	4.9	<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	4.1	<13	PASS
16QAM	MCH	1	0	4.78	<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	4.07	<13	PASS
16QAM	MCH	1	0	4.93	<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	4.12	<13	PASS
16QAM	MCH	1	0	4.84	<13	PASS

Channel Bandwidth: 15 MHz

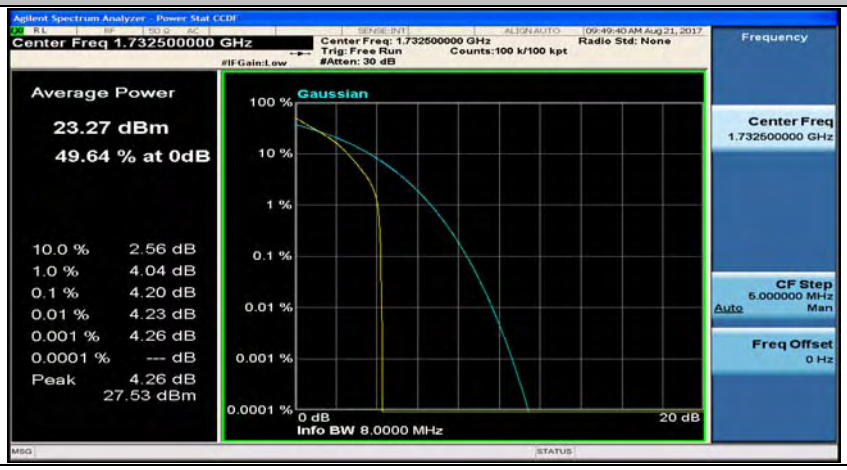
Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	MCH	1	0	4.1	<13	PASS
16QAM	MCH	1	0	4.7	<13	PASS

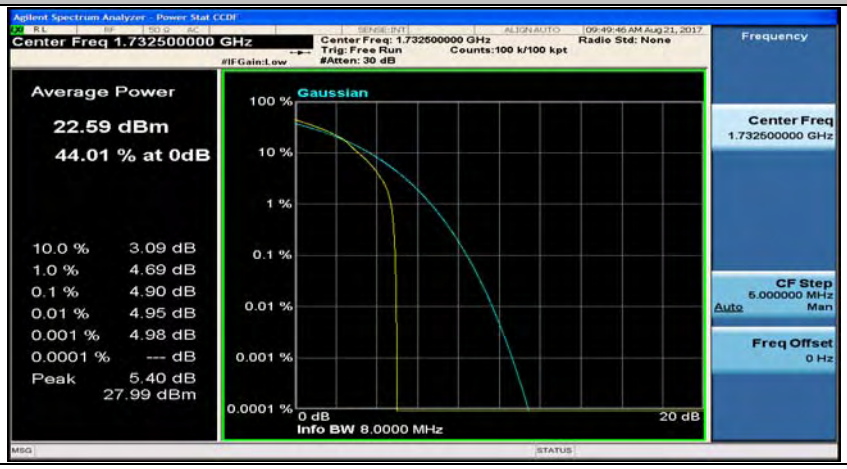
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	MCH	1	0	4.07	<13	PASS
16QAM	MCH	1	0	4.58	<13	PASS

Test Graphs

Channel Bandwidth: 1.4 MHz

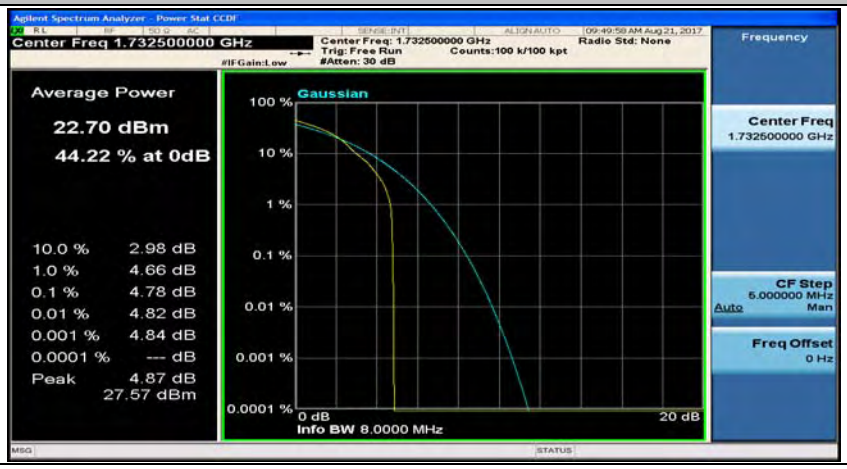
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0


Channel Bandwidth: 3 MHz

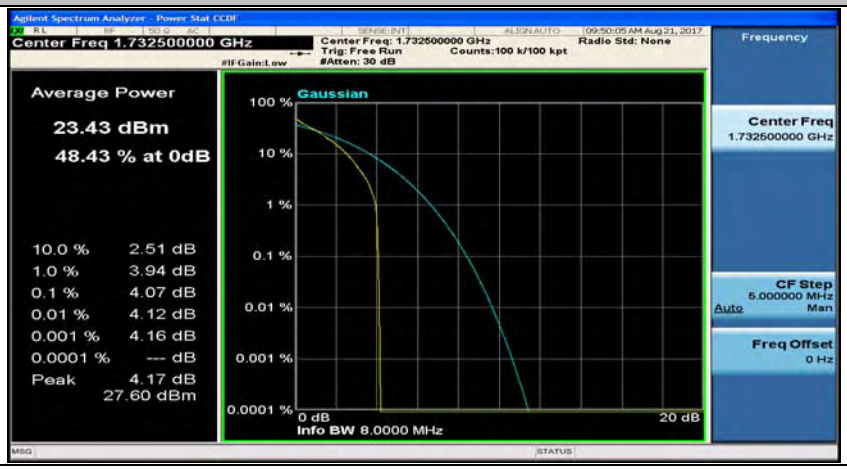
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

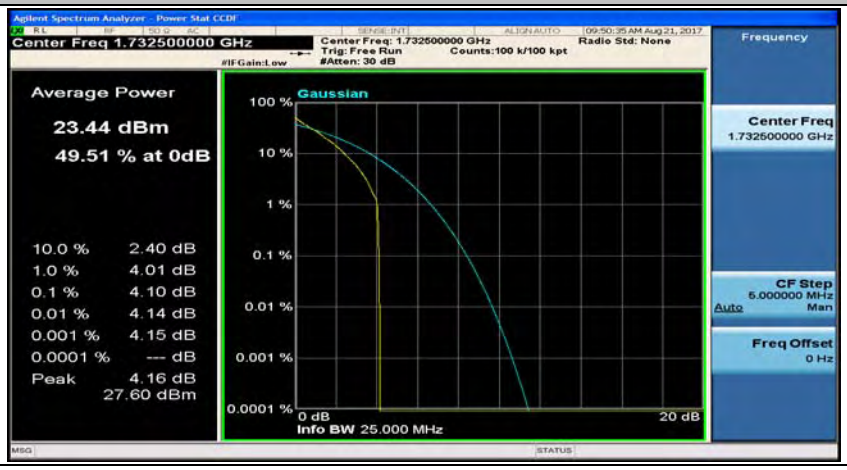
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

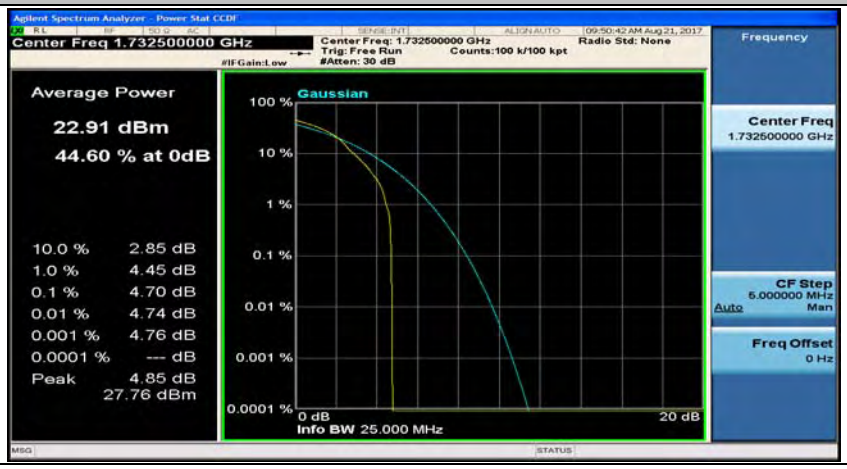

Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

Channel Bandwidth: 15 MHz

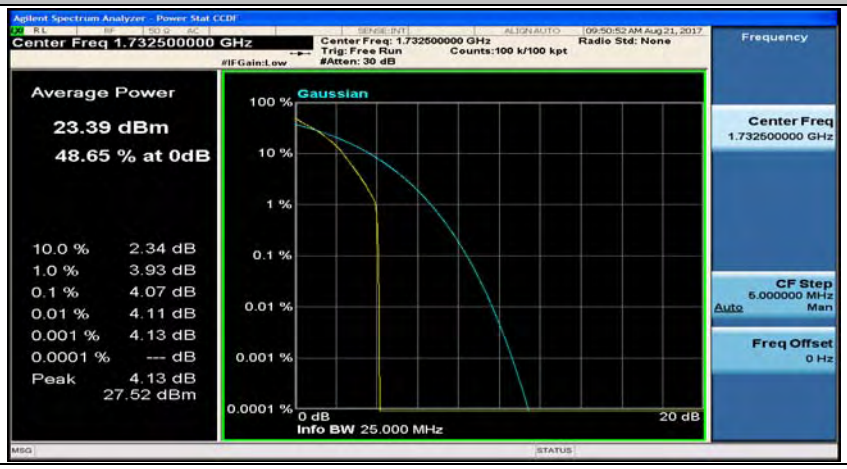
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

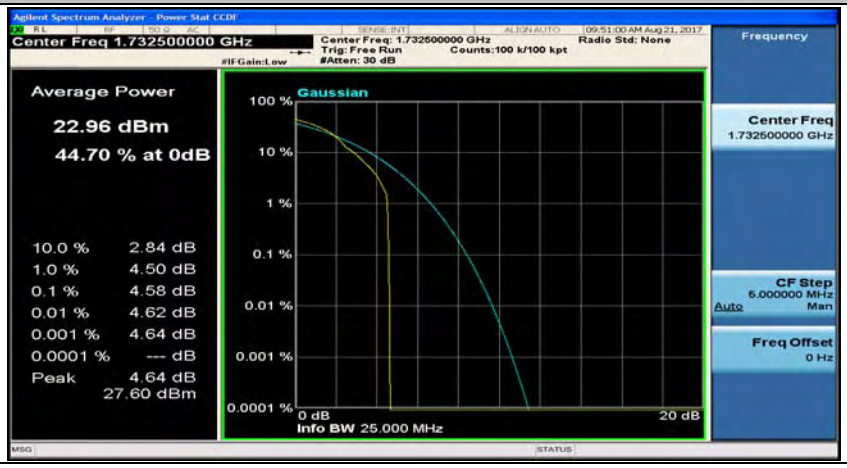


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0


(Channel Bandwidth:20 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	1.194	PASS
	MCH	6	0	1.077	1.194	PASS
	HCH	6	0	1.077	1.194	PASS
16QAM	LCH	6	0	1.077	1.194	PASS
	MCH	6	0	1.077	1.194	PASS
	HCH	6	0	1.077	1.180	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	2.692	2.875	PASS
	MCH	15	0	2.692	2.865	PASS
	HCH	15	0	2.692	2.856	PASS
16QAM	LCH	15	0	2.692	2.865	PASS
	MCH	15	0	2.683	2.846	PASS
	HCH	15	0	2.683	2.875	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	4.728	PASS
	MCH	25	0	4.471	4.712	PASS
	HCH	25	0	4.471	4.744	PASS

16QAM	LCH	25	0	4.487	4.728	PASS
	MCH	25	0	4.487	4.728	PASS
	HCH	25	0	4.487	4.728	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	9.327	PASS
	MCH	50	0	8.942	9.327	PASS
	HCH	50	0	8.974	9.295	PASS
16QAM	LCH	50	0	8.974	9.359	PASS
	MCH	50	0	8.942	9.327	PASS
	HCH	50	0	8.974	9.359	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	75	0	13.462	14.279	PASS
	MCH	75	0	13.462	14.231	PASS
	HCH	75	0	13.462	14.279	PASS
16QAM	LCH	75	0	13.462	14.231	PASS
	MCH	75	0	13.462	14.231	PASS
	HCH	75	0	13.462	14.231	PASS

Channel Bandwidth: 20 MHz

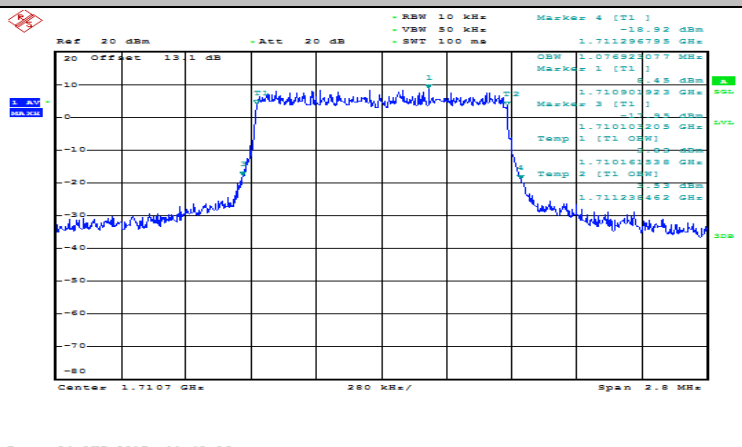
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			

QPSK	LCH	100	0	17.885	18.782	PASS
	MCH	100	0	17.821	18.718	PASS
	HCH	100	0	17.885	18.718	PASS
16QAM	LCH	100	0	17.885	18.782	PASS
	MCH	100	0	17.821	18.718	PASS
	HCH	100	0	17.885	18.718	PASS

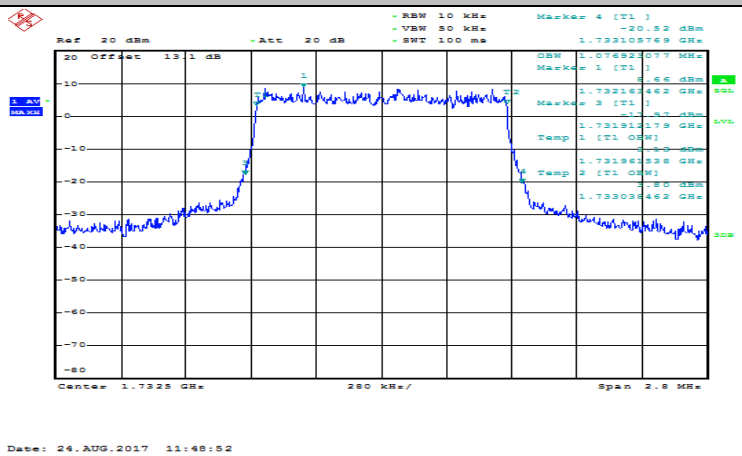
Test Graphs

Channel Bandwidth: 1.4 MHz

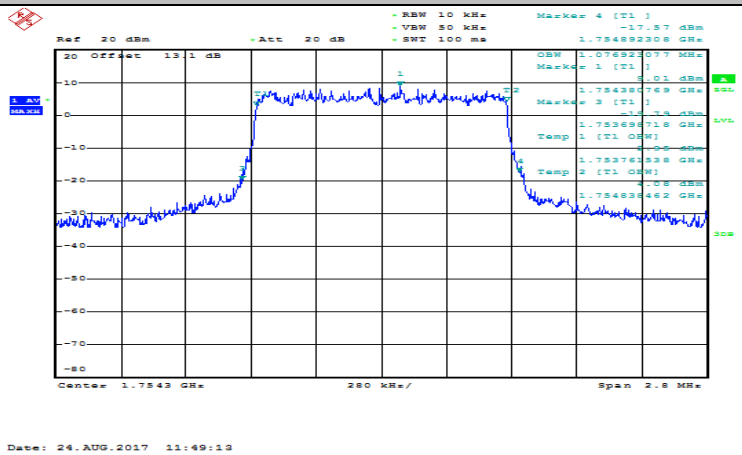
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0

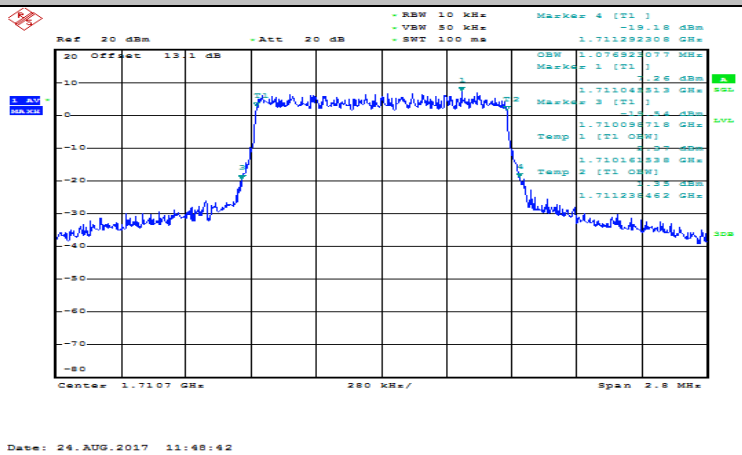


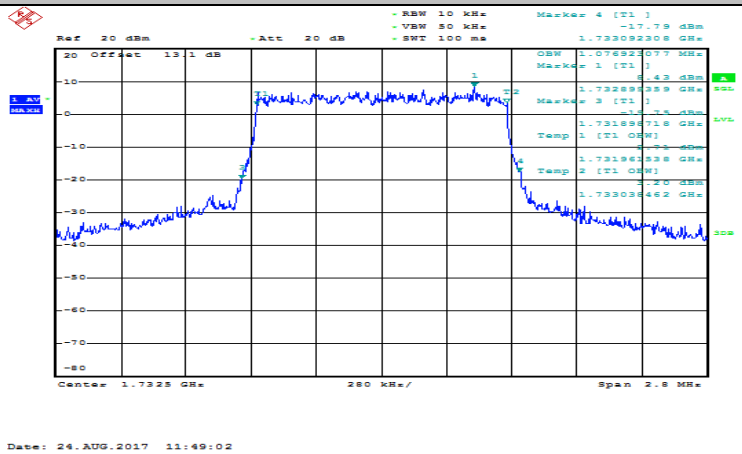
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0

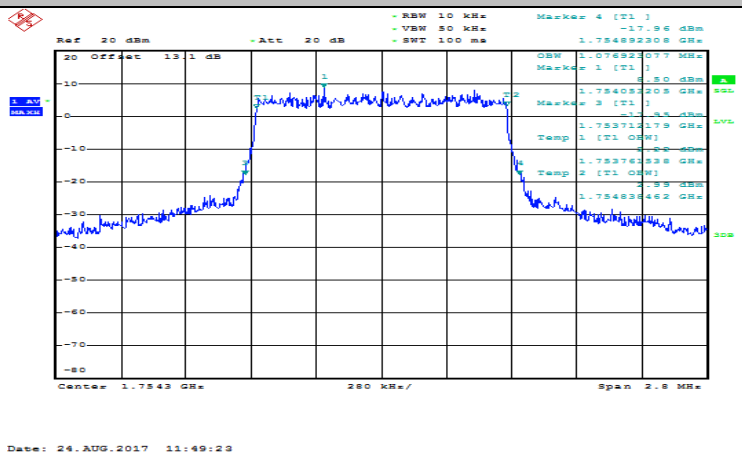


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



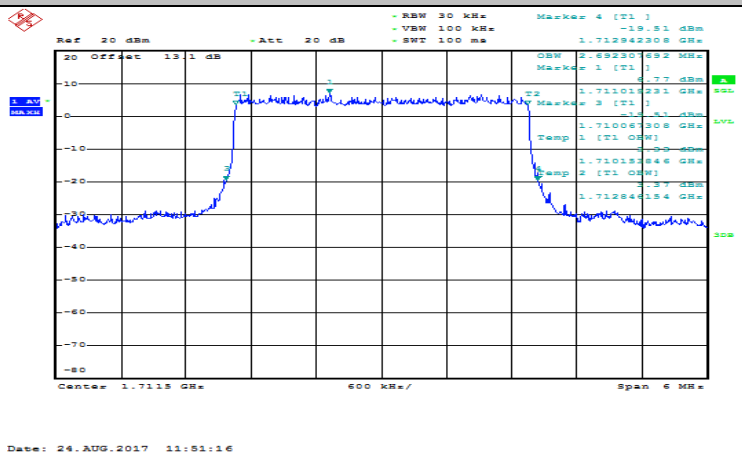
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0


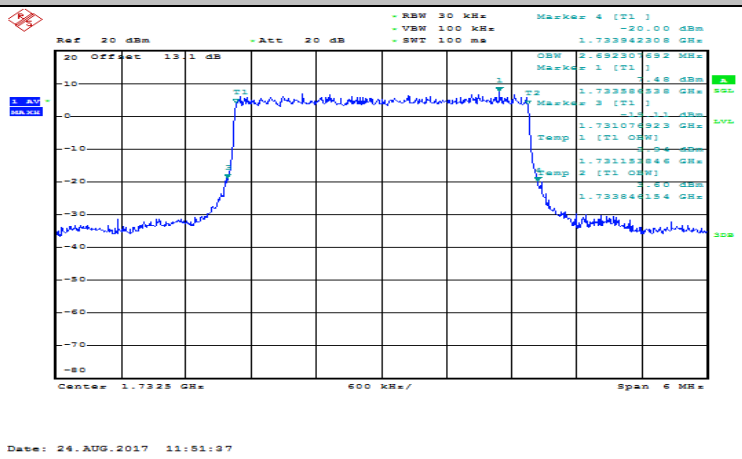
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0


Channel Bandwidth: 3 MHz

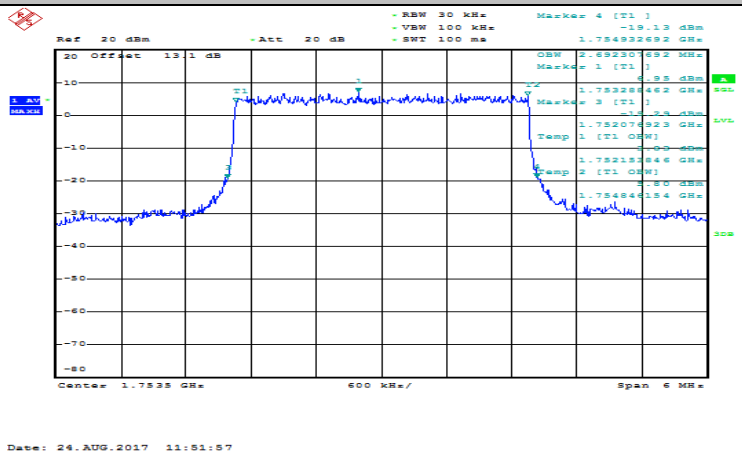
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



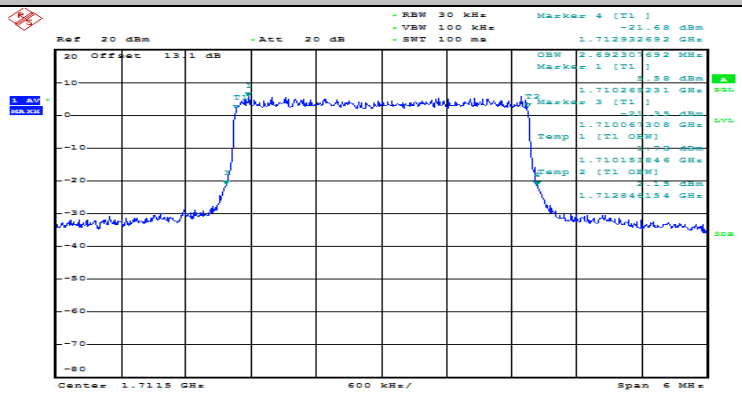
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



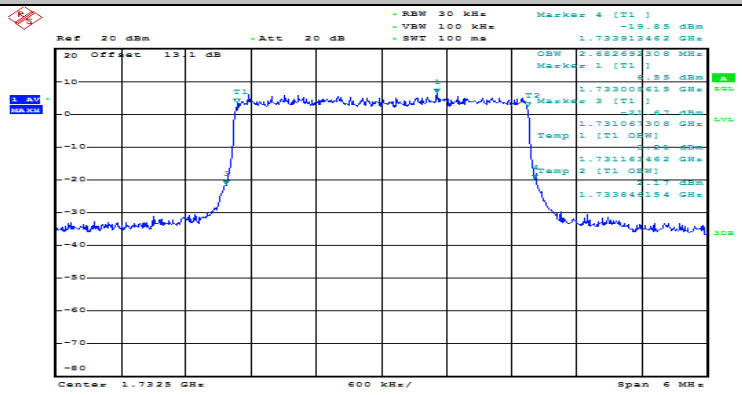
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



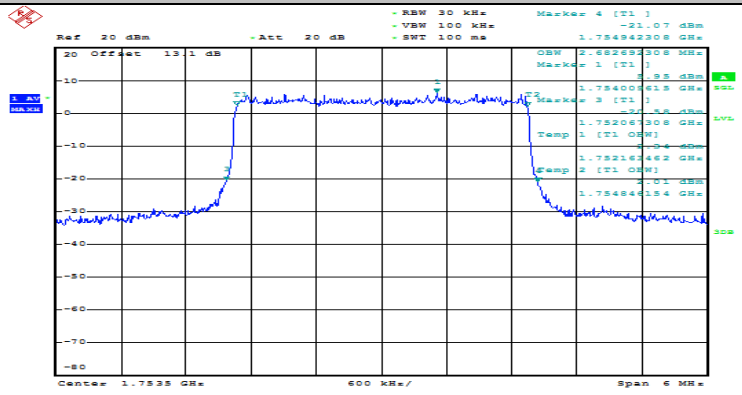
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

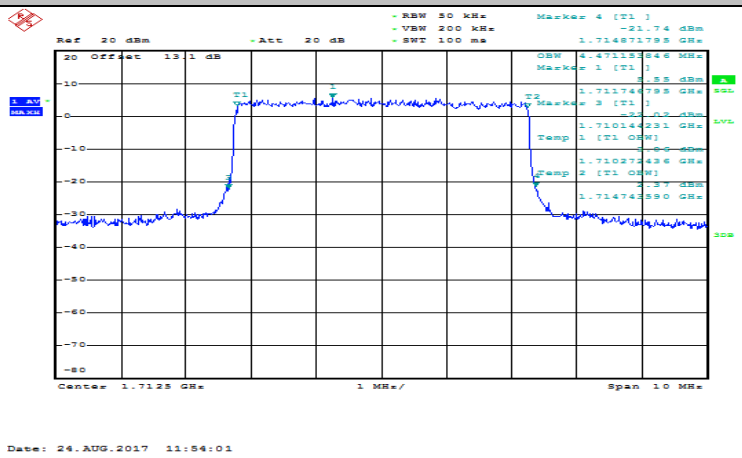


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

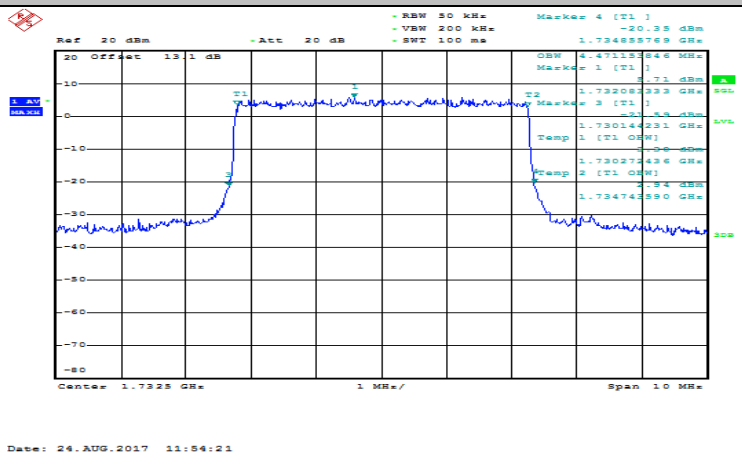


Channel Bandwidth: 5 MHz

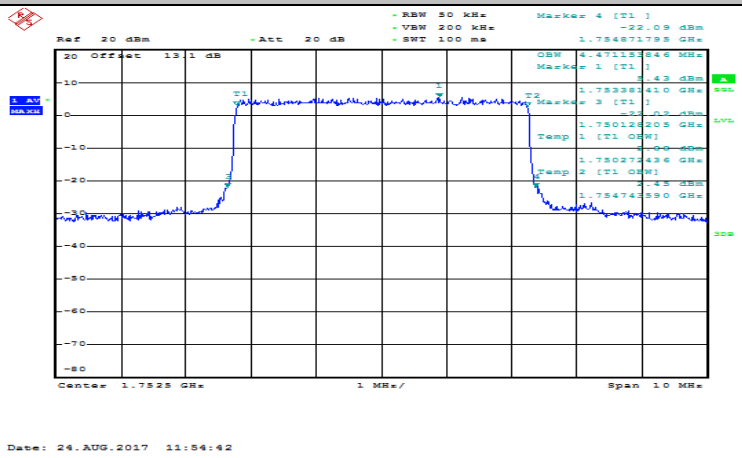
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0

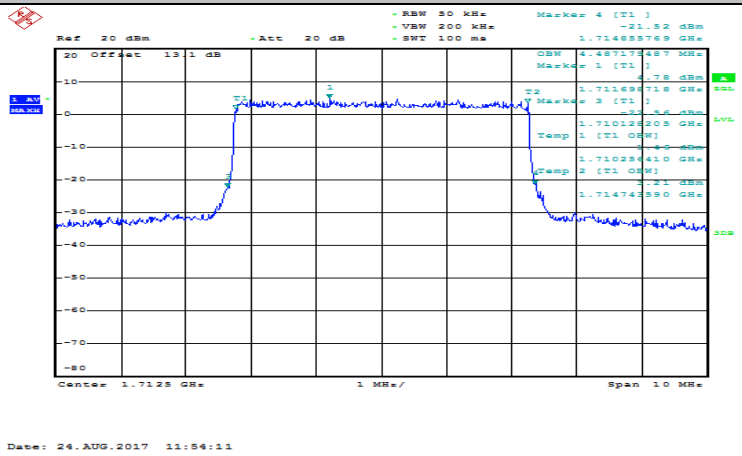


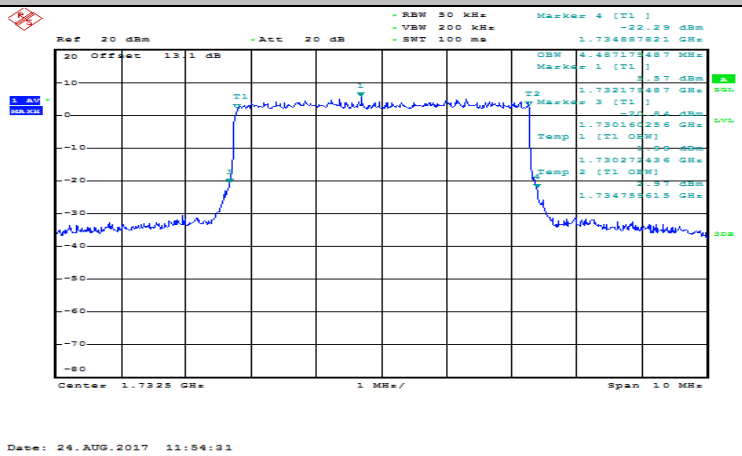
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

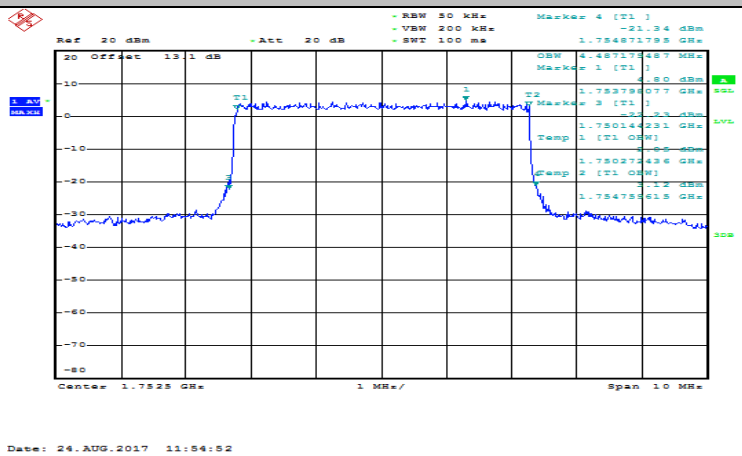


(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



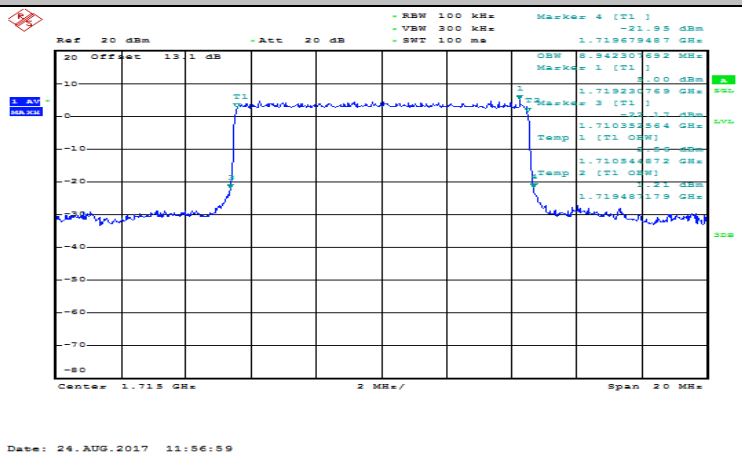
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0


(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0


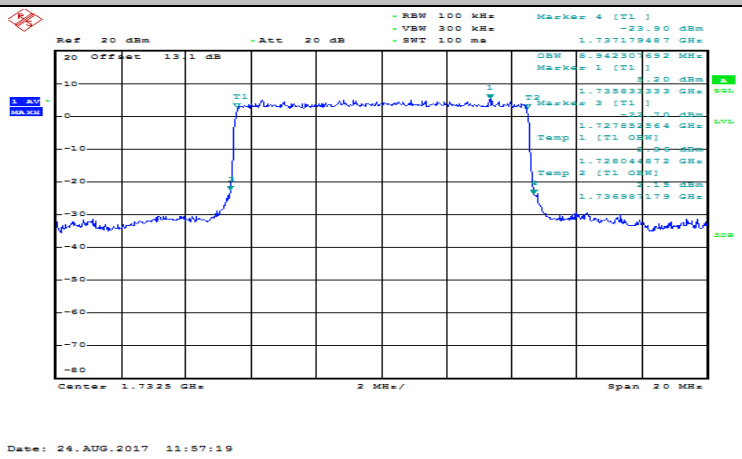
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0


Channel Bandwidth: 10 MHz

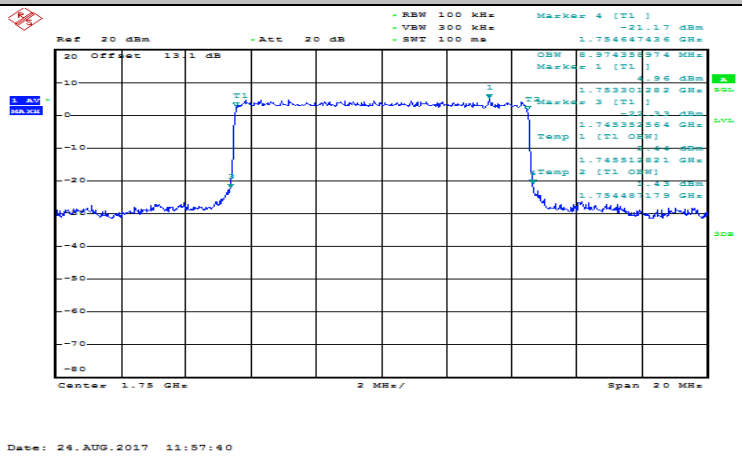
(Channel Bandwidth: 10 MHz)_LCH_QPSK_50RB#0



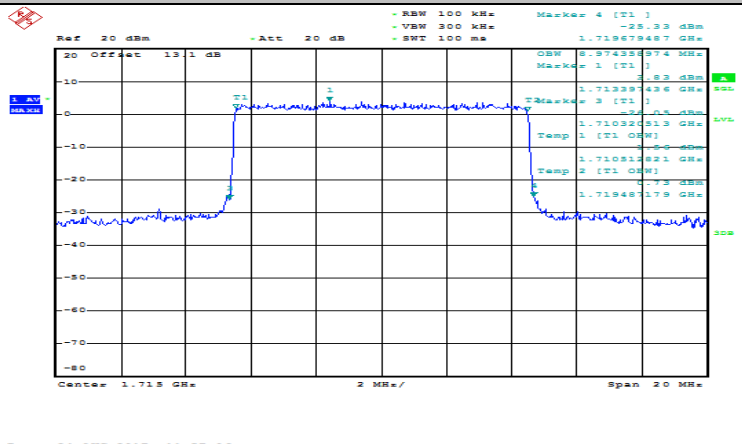
(Channel Bandwidth: 10 MHz)_MCH_QPSK_50RB#0



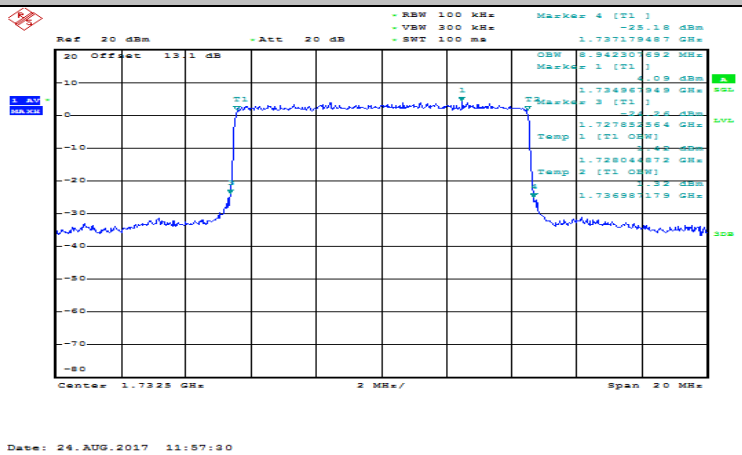
(Channel Bandwidth: 10 MHz)_HCH_QPSK_50RB#0



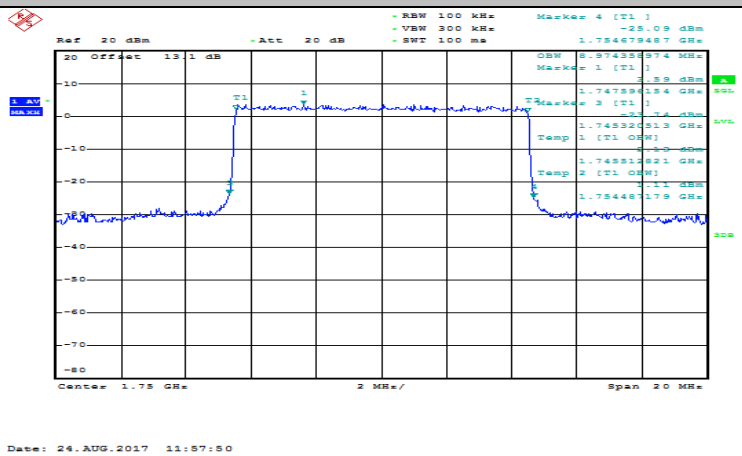
(Channel Bandwidth: 10 MHz)_LCH_16QAM_50RB#0



(Channel Bandwidth: 10 MHz)_MCH_16QAM_50RB#0

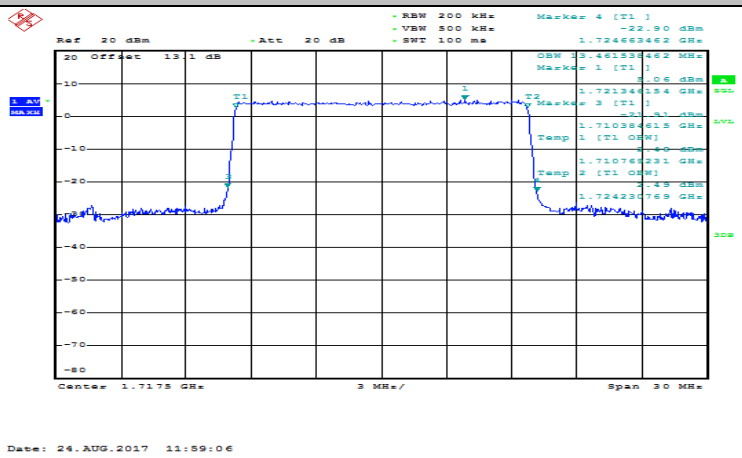


(Channel Bandwidth: 10 MHz)_HCH_16QAM_50RB#0

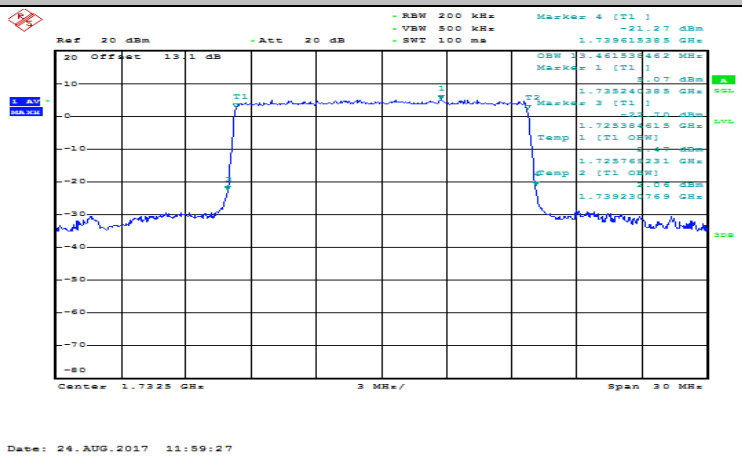


Channel Bandwidth: 15 MHz

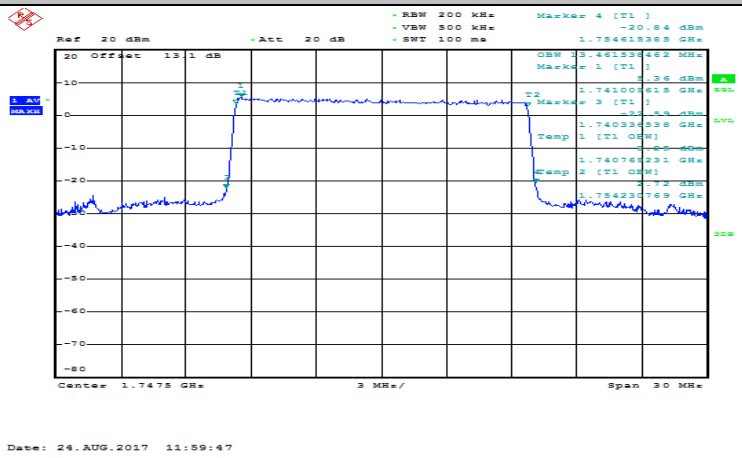
(Channel Bandwidth: 15 MHz)_LCH_QPSK_75RB#0



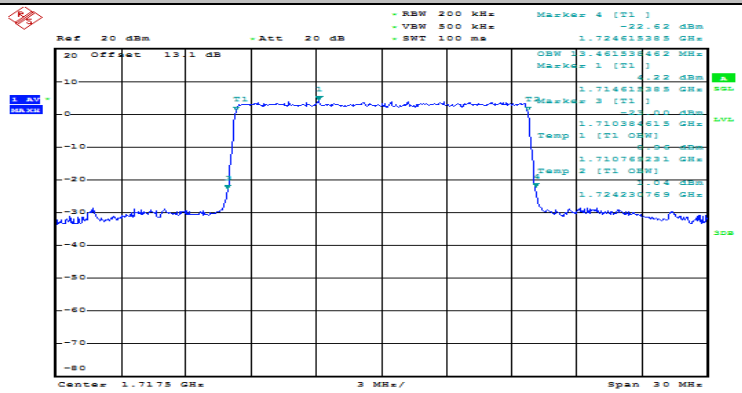
(Channel Bandwidth: 15 MHz)_MCH_QPSK_75RB#0



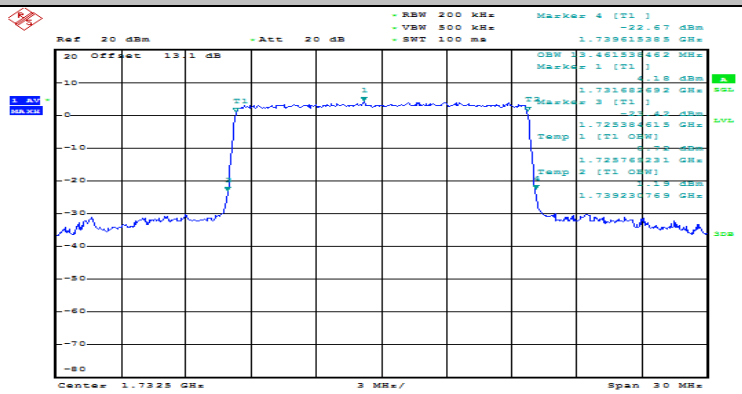
(Channel Bandwidth: 15 MHz)_HCH_QPSK_75RB#0



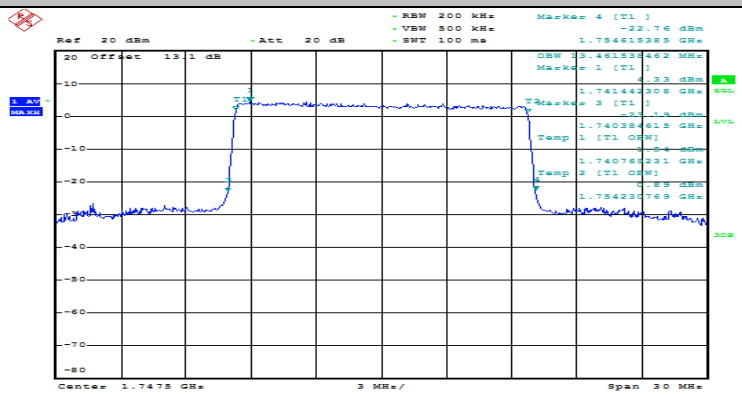
(Channel Bandwidth: 15 MHz)_LCH_16QAM_75RB#0



(Channel Bandwidth: 15 MHz)_MCH_16QAM_75RB#0

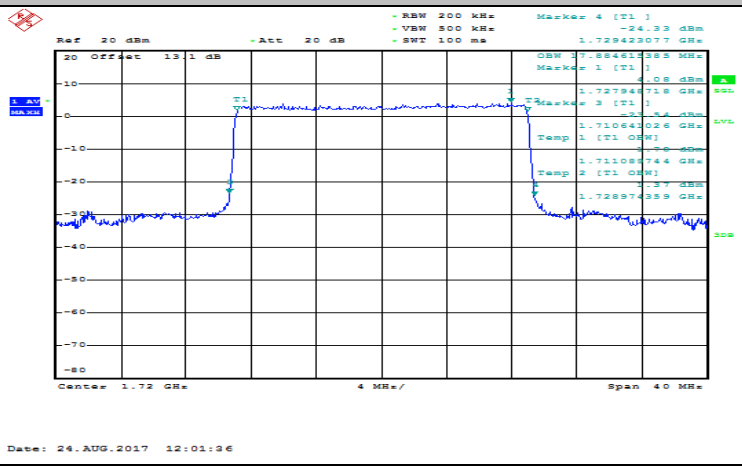


(Channel Bandwidth: 15 MHz)_HCH_16QAM_75RB#0

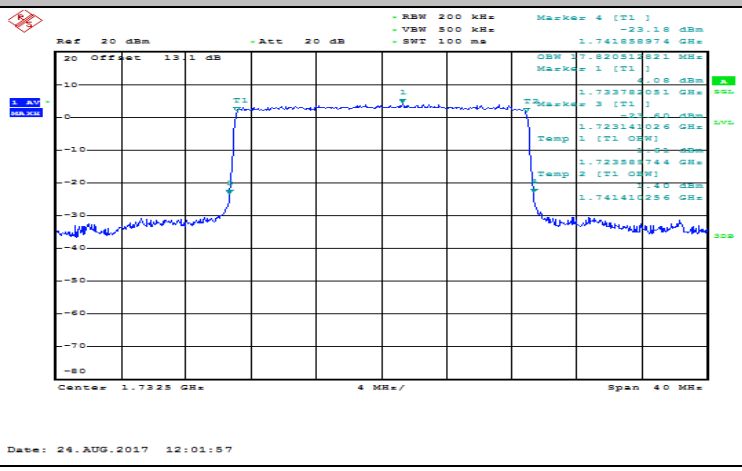


Channel Bandwidth: 20 MHz

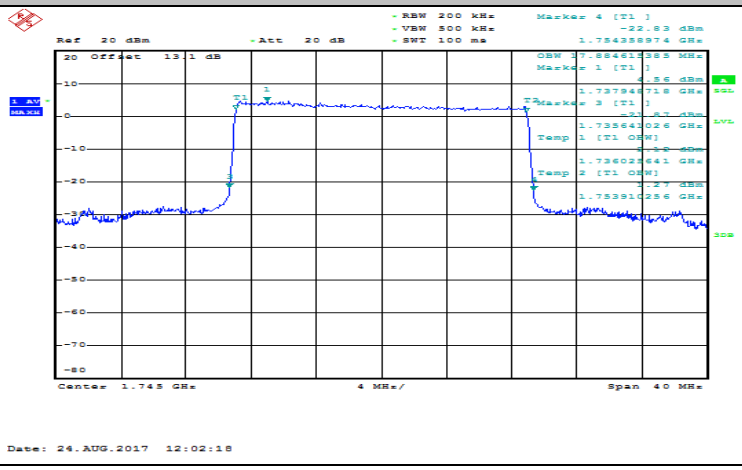
(Channel Bandwidth: 20 MHz)_LCH_QPSK_100RB#0

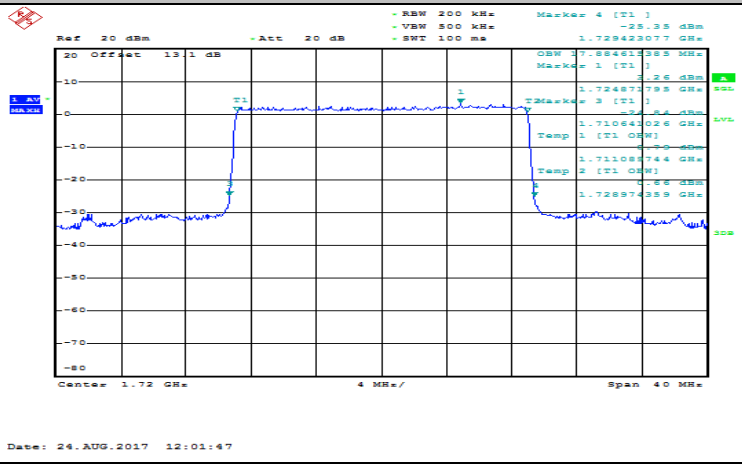


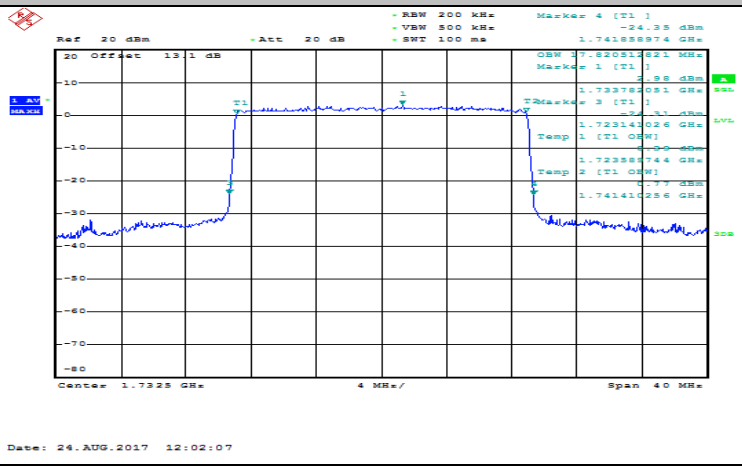
(Channel Bandwidth: 20 MHz)_MCH_QPSK_100RB#0

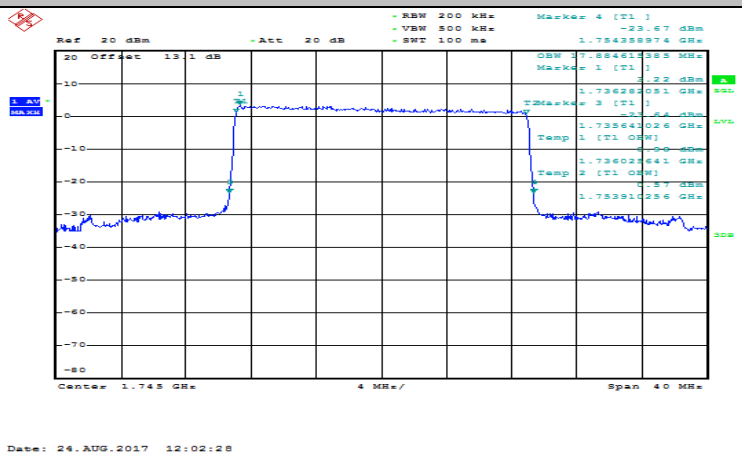


(Channel Bandwidth: 20 MHz)_HCH_QPSK_100RB#0



(Channel Bandwidth: 20 MHz)_LCH_16QAM_100RB#0


(Channel Bandwidth: 20 MHz)_MCH_16QAM_100RB#0


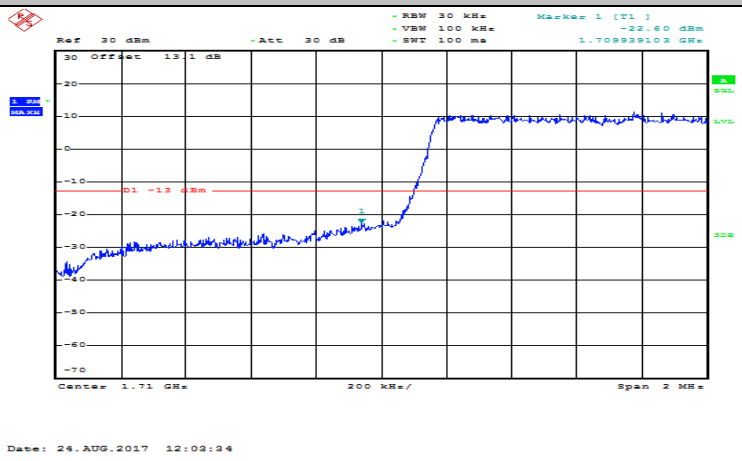
(Channel Bandwidth: 20 MHz)_HCH_16QAM_100RB#0


Appendix D: Band Edge

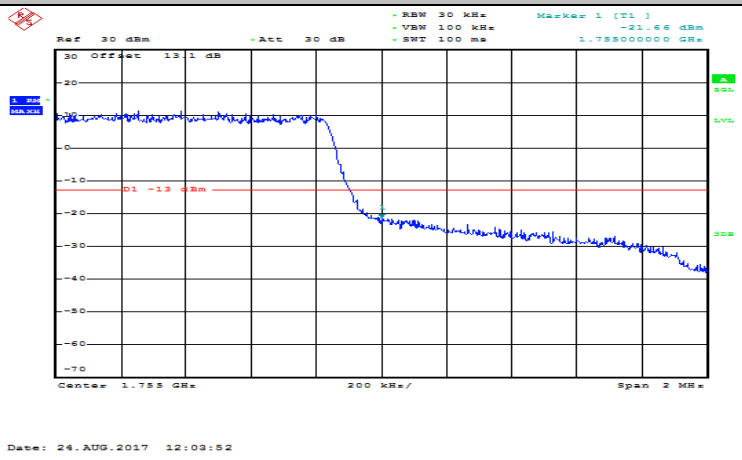
Test Graphs

Channel Bandwidth: 1.4 MHz

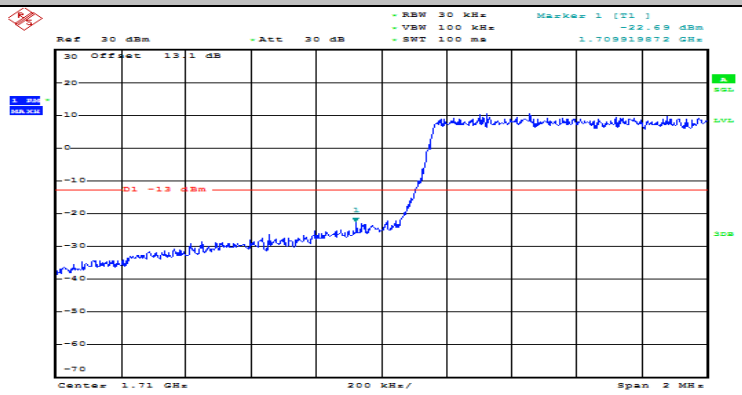
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



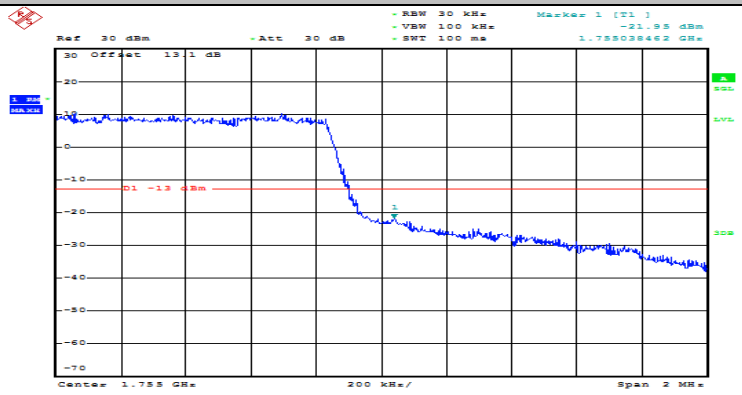
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0

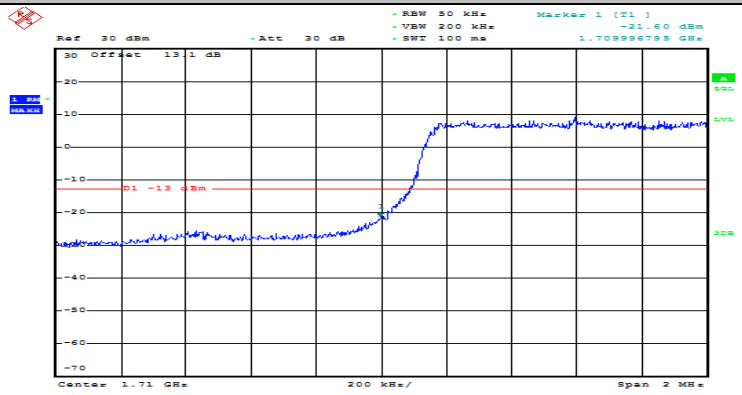


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

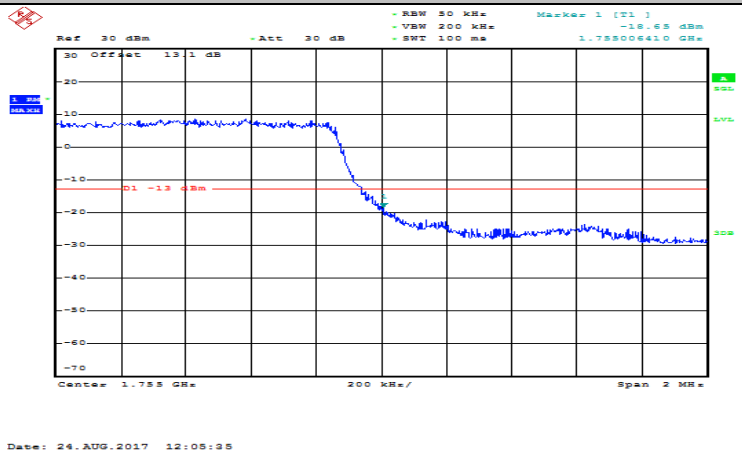


Channel Bandwidth: 3 MHz

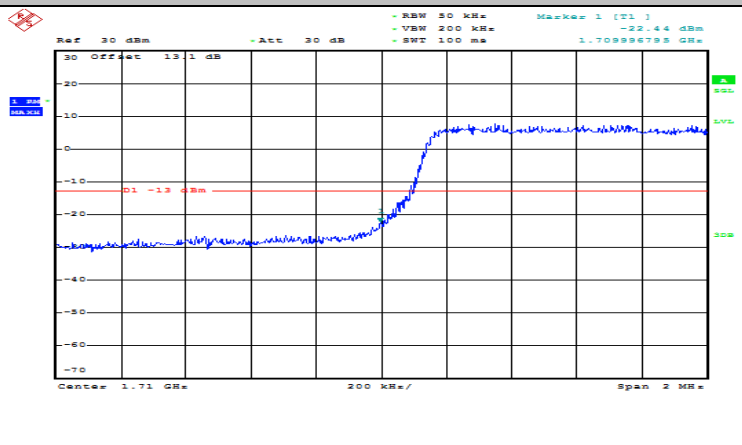
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



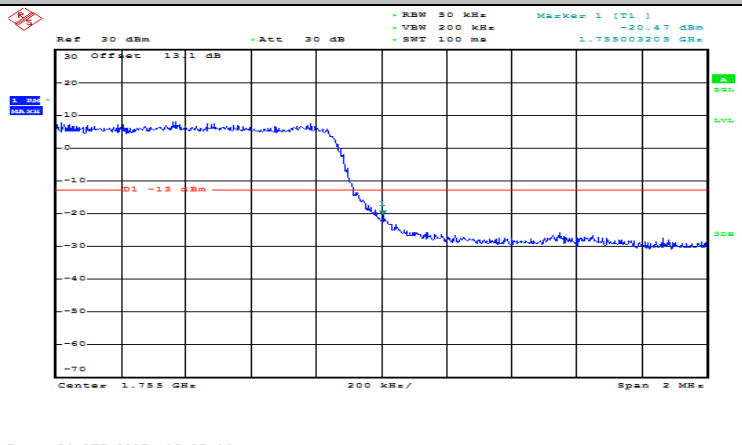
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0

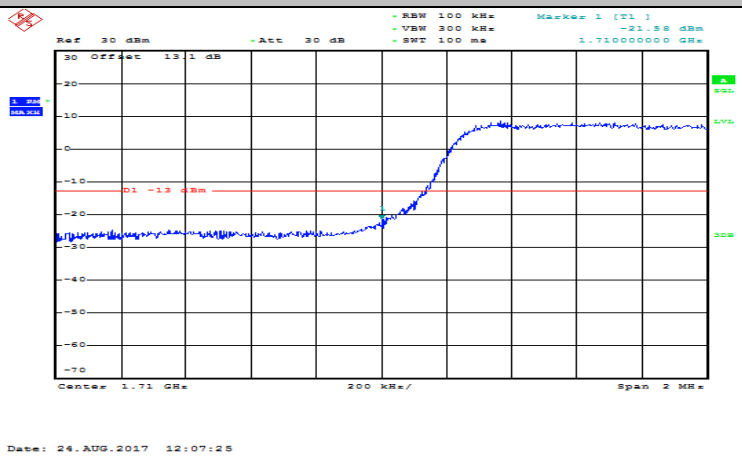


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

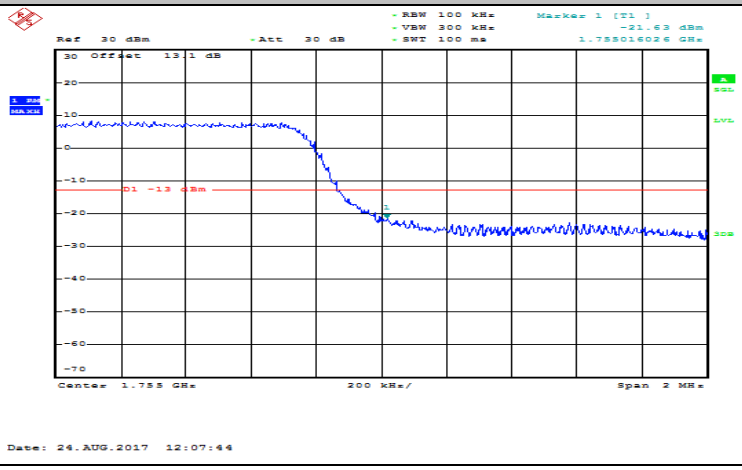


Channel Bandwidth: 5 MHz

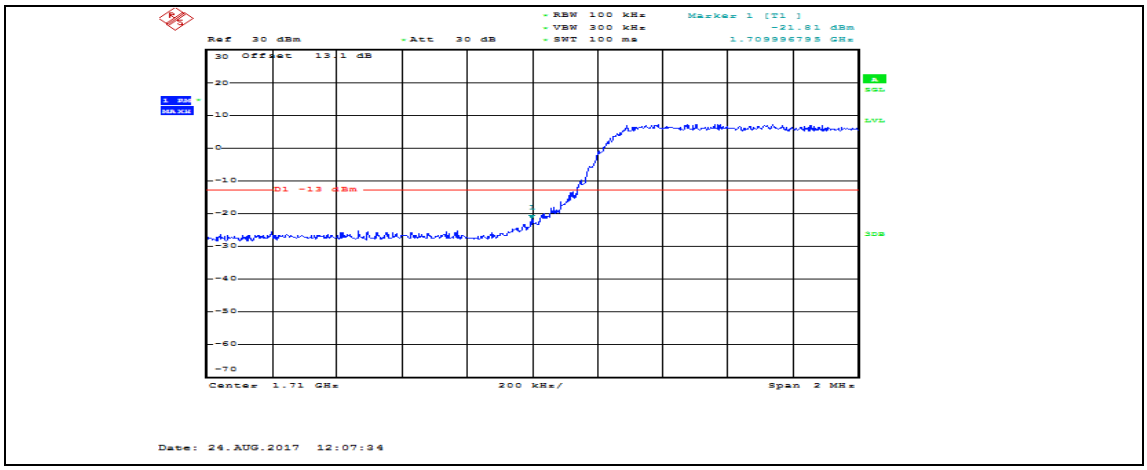
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



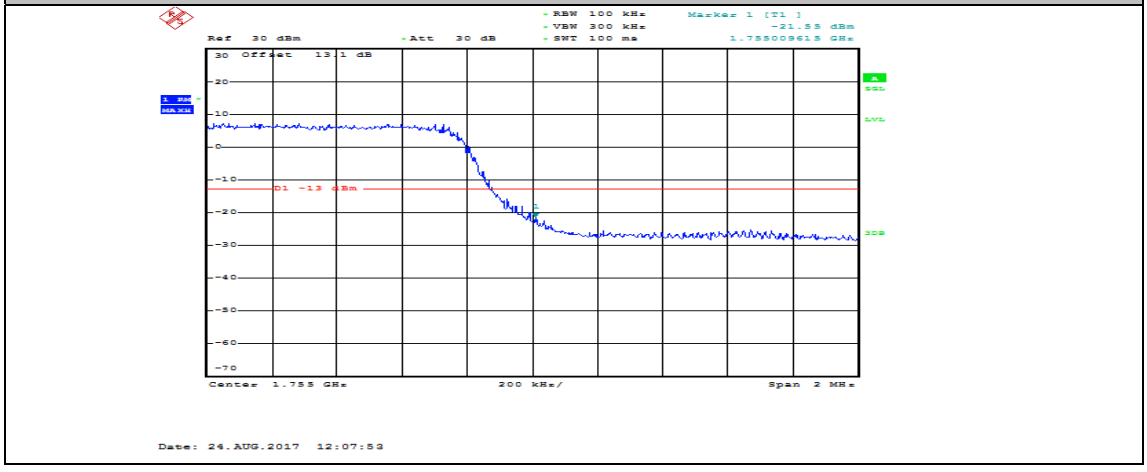
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0

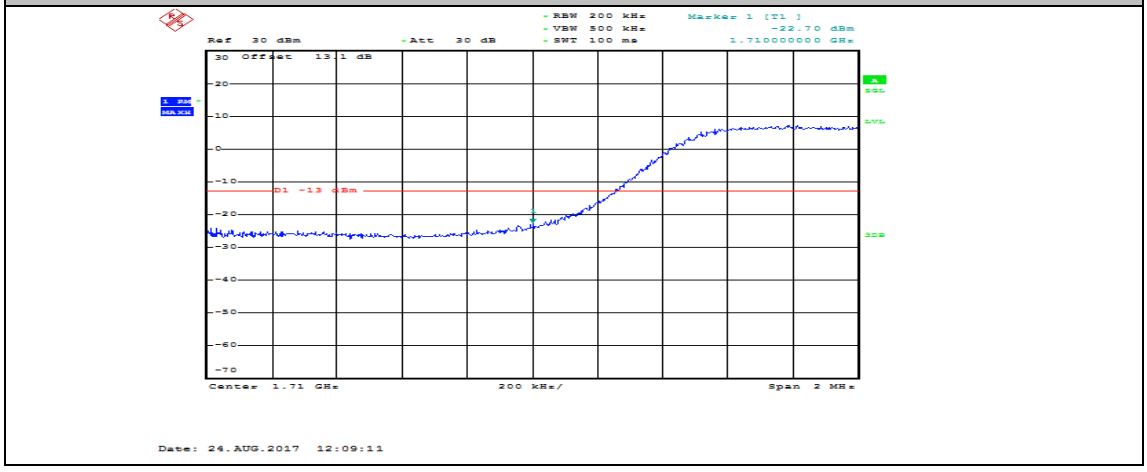


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

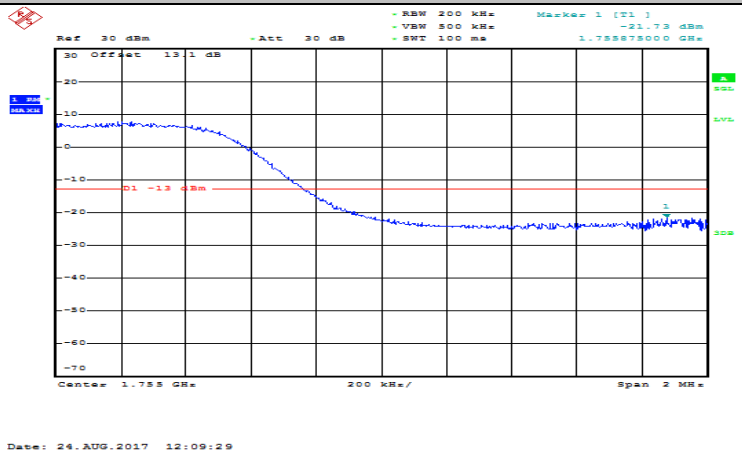


Channel Bandwidth: 10 MHz

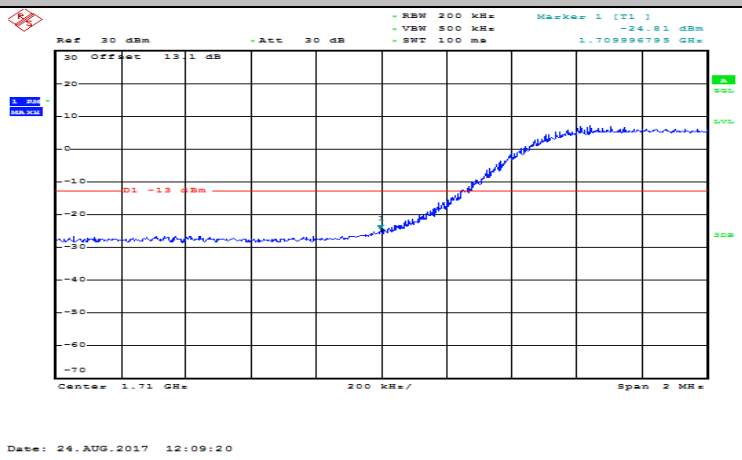
(Channel Bandwidth: 10 MHz)_LCH_QPSK_50RB#0



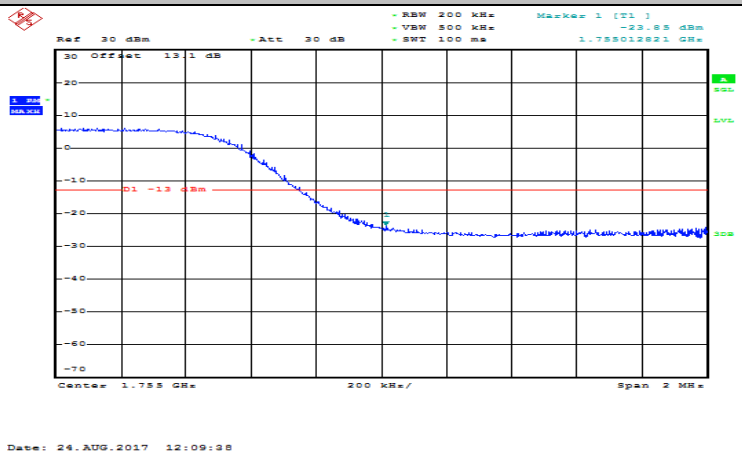
(Channel Bandwidth: 10 MHz)_HCH_QPSK_50RB#0



(Channel Bandwidth: 10 MHz)_LCH_16QAM_50RB#0

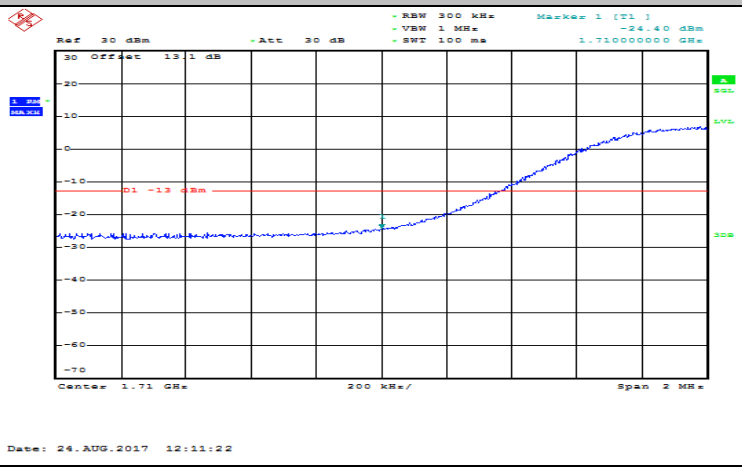


(Channel Bandwidth: 10 MHz)_HCH_16QAM_50RB#0

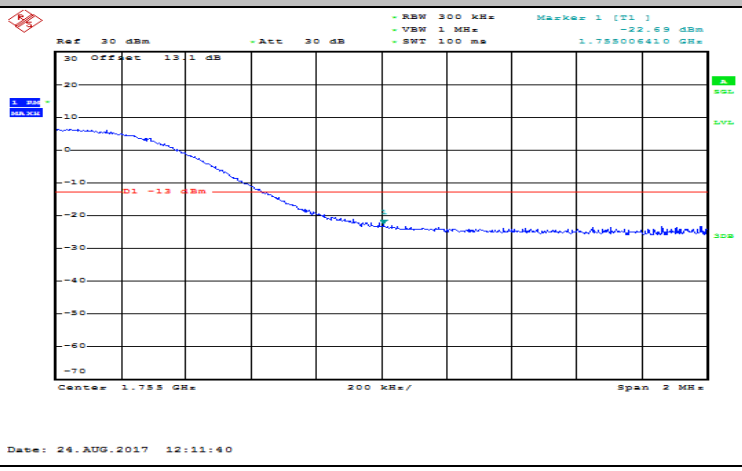


Channel Bandwidth: 15 MHz

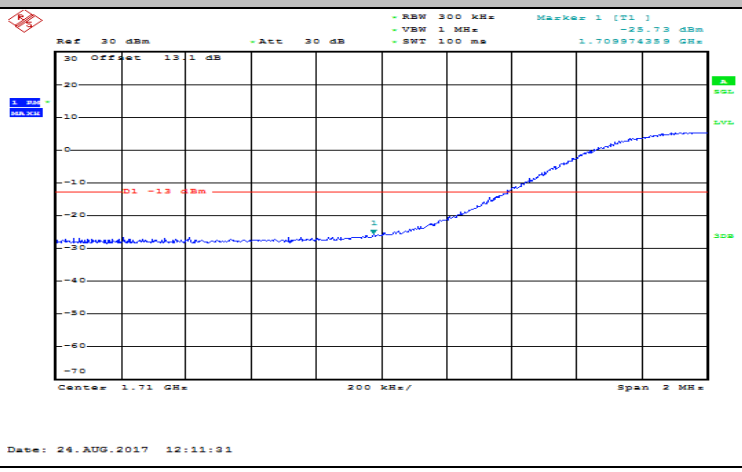
(Channel Bandwidth: 15 MHz)_LCH_QPSK_75RB#0

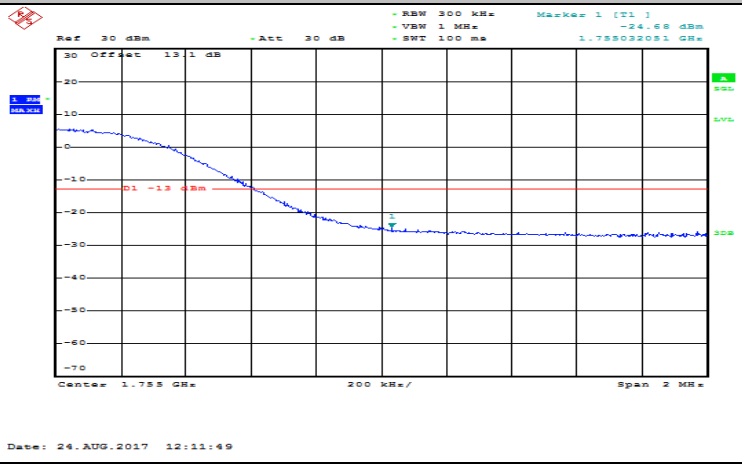


(Channel Bandwidth: 15 MHz)_HCH_QPSK_75RB#0

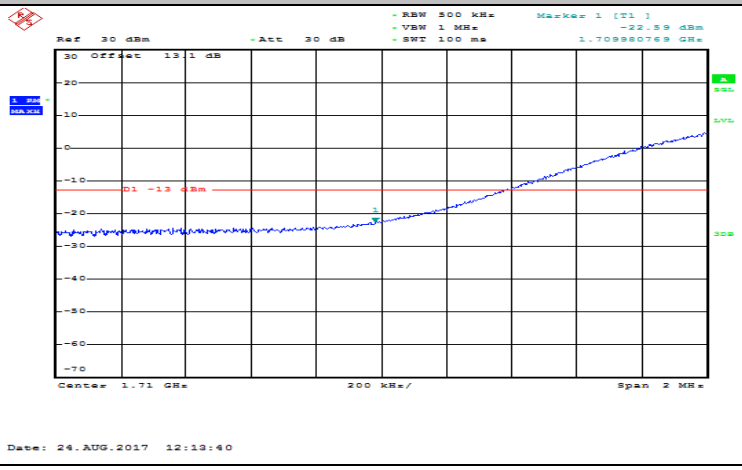


(Channel Bandwidth: 15 MHz)_LCH_16QAM_75RB#0

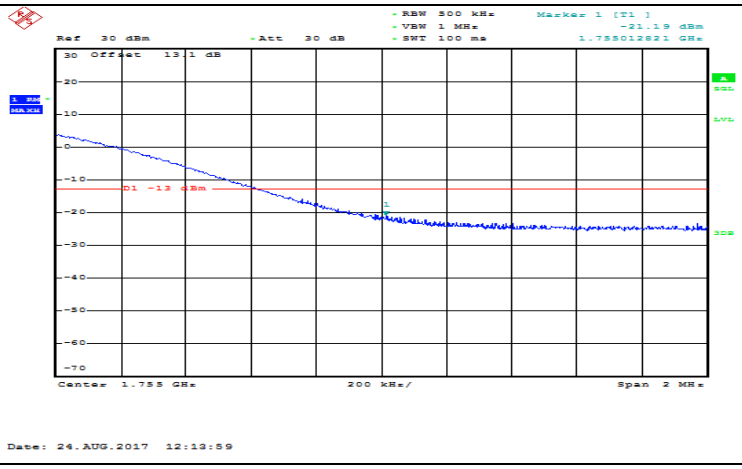


(Channel Bandwidth: 15 MHz)_HCH_16QAM_75RB#0


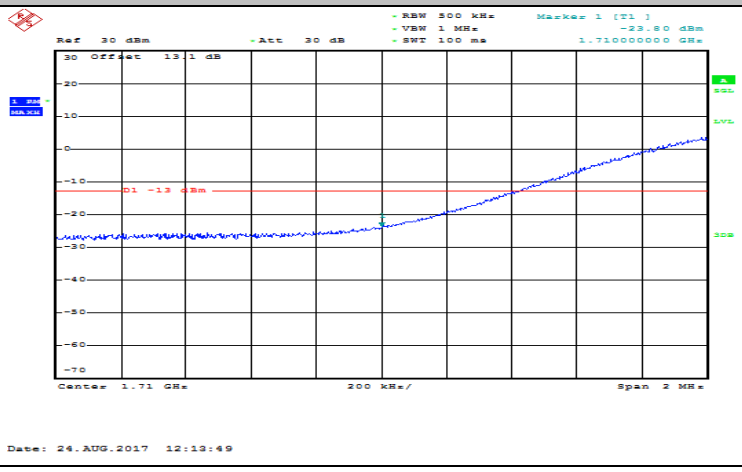
Channel Bandwidth: 20 MHz

(Channel Bandwidth: 20 MHz)_LCH_QPSK_100RB#0


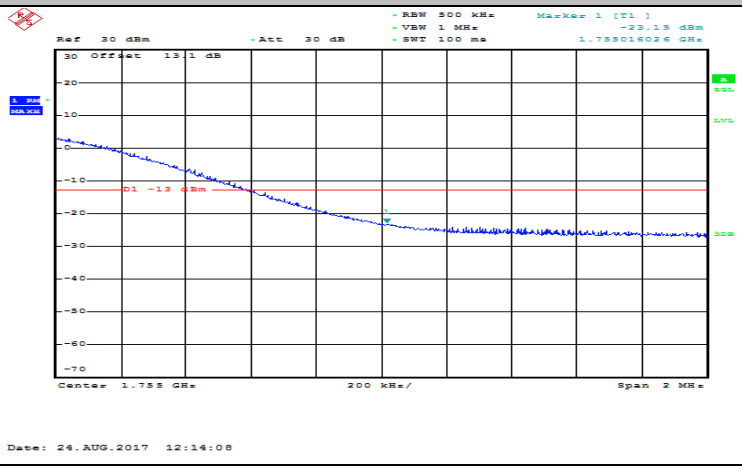
(Channel Bandwidth: 20 MHz)_HCH_QPSK_100RB#0



(Channel Bandwidth: 20 MHz)_LCH_16QAM_100RB#0



(Channel Bandwidth: 20 MHz)_HCH_16QAM_100RB#0

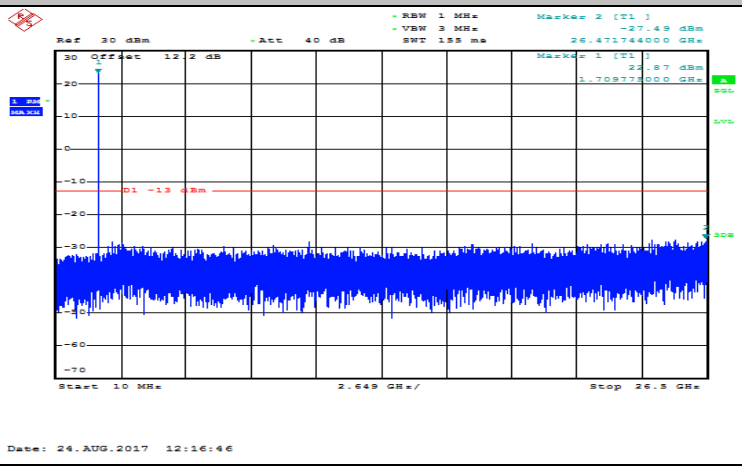


Appendix E: Conducted Spurious Emission

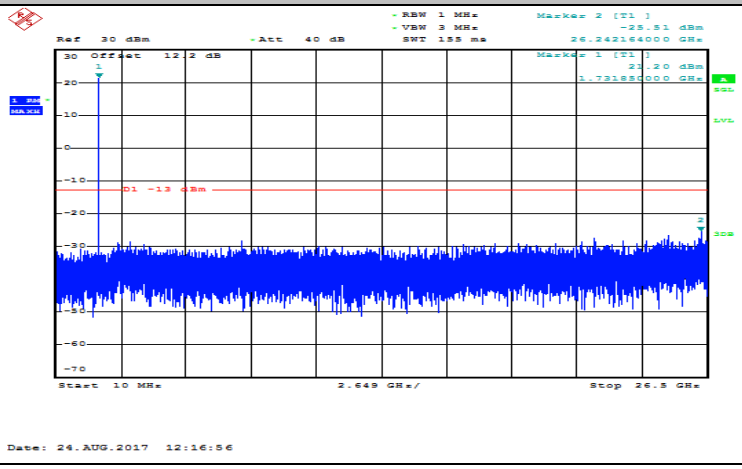
Test Graphs

Channel Bandwidth: 1.4 MHz

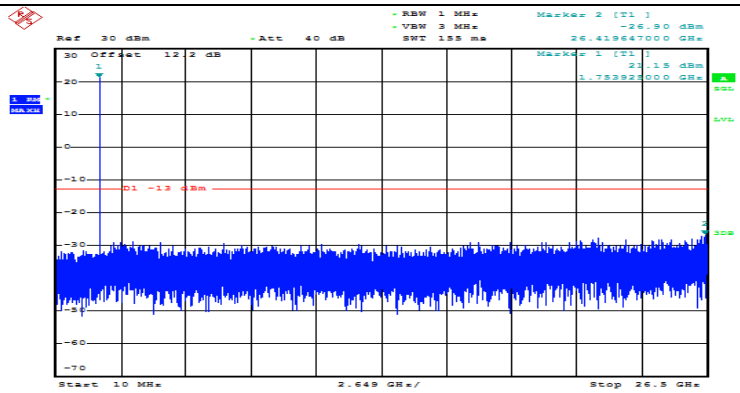
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

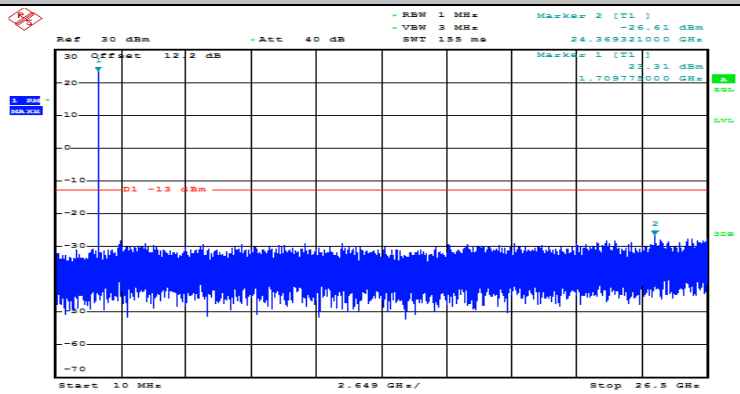


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

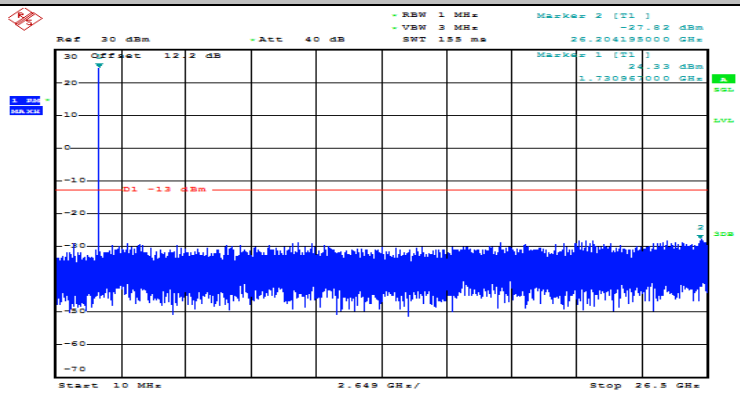


Channel Bandwidth: 3 MHz

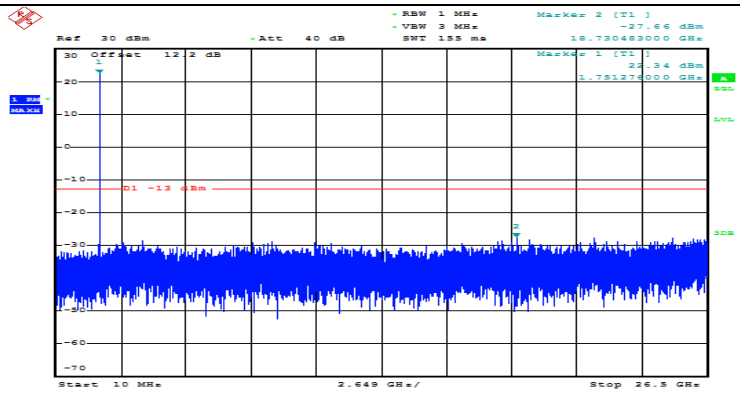
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

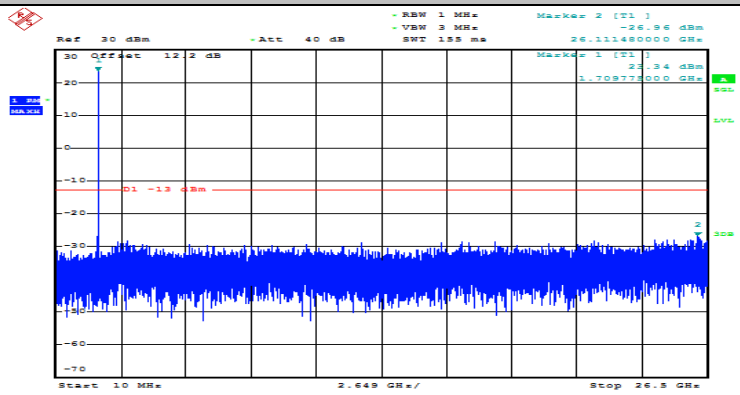


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

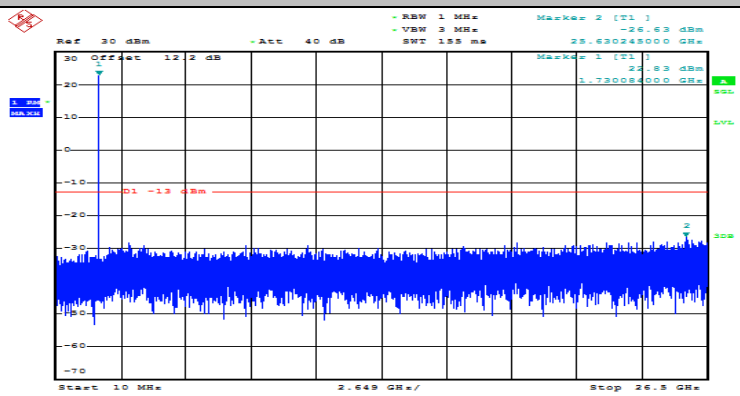


Channel Bandwidth: 5 MHz

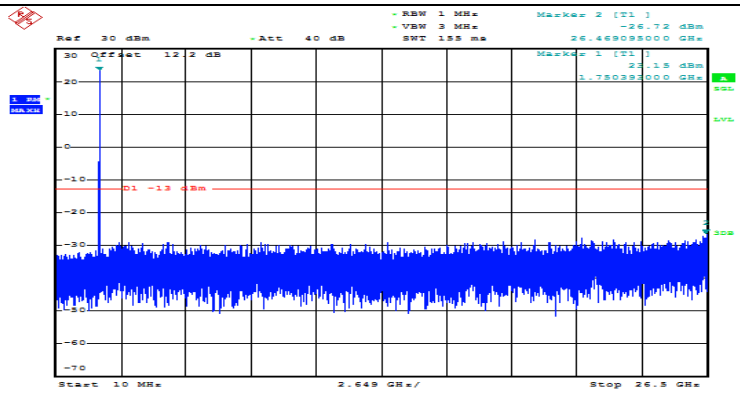
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

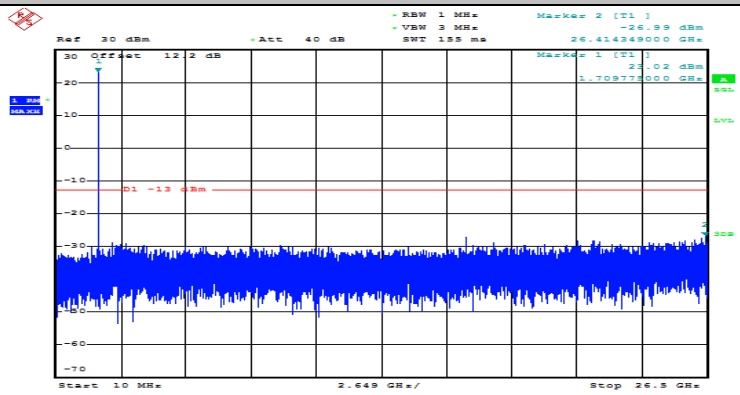


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

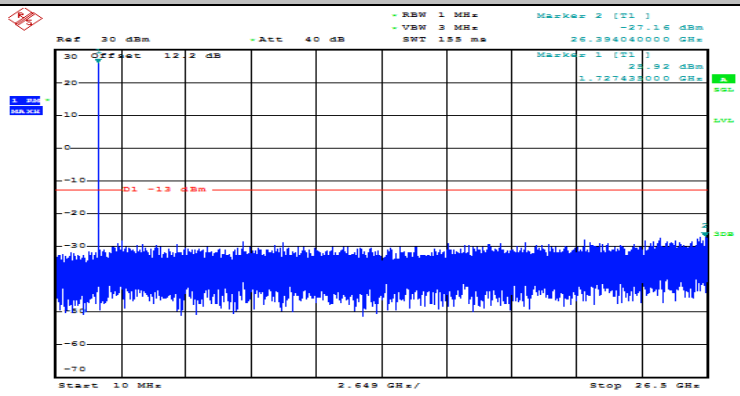


Channel Bandwidth: 10 MHz

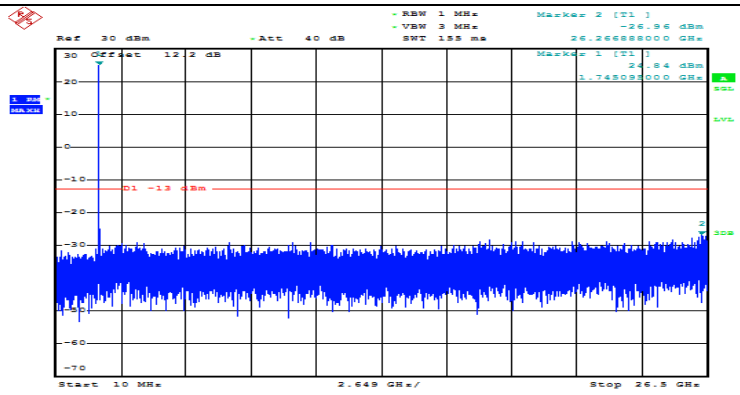
(Channel Bandwidth: 10 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_MCH_QPSK_1RB#0

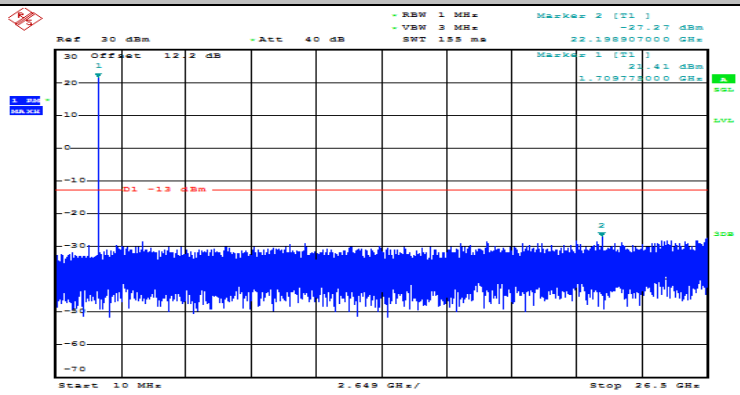


(Channel Bandwidth: 10 MHz)_HCH_QPSK_1RB#0

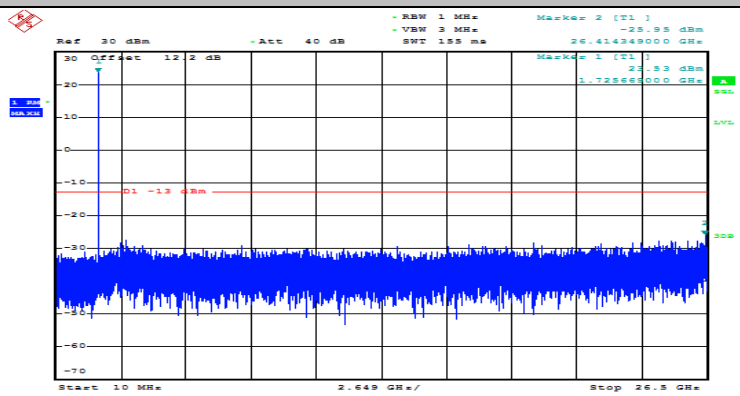


Channel Bandwidth: 15 MHz

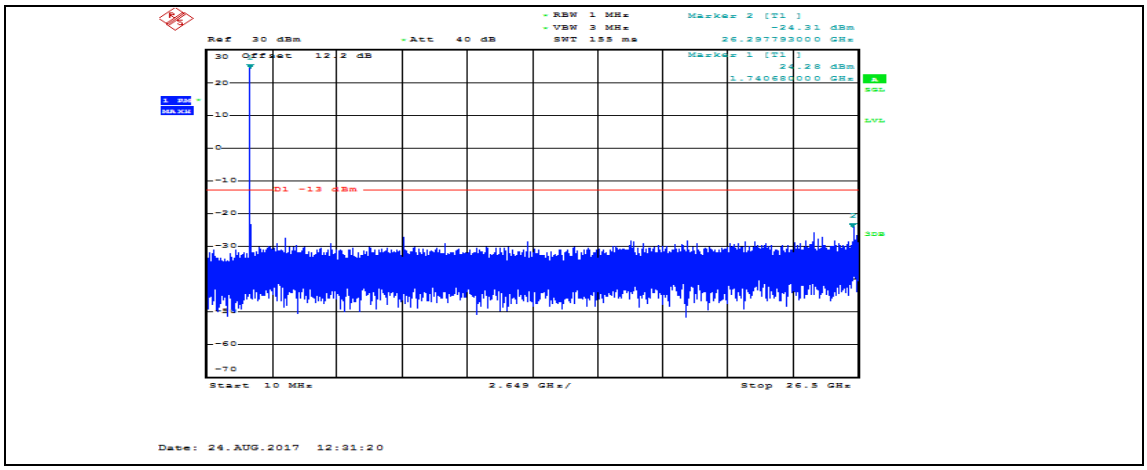
(Channel Bandwidth: 15 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 15 MHz)_MCH_QPSK_1RB#0

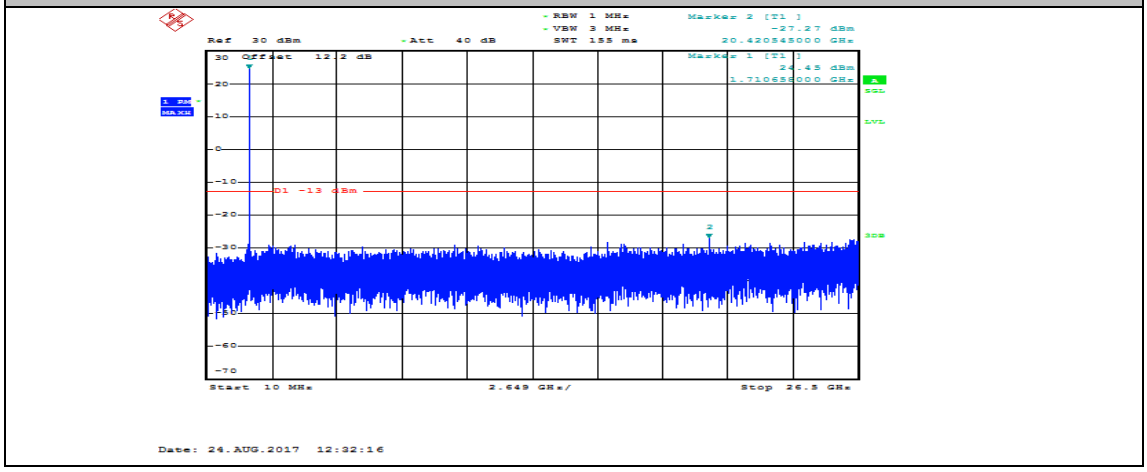


(Channel Bandwidth: 15 MHz)_HCH_QPSK_1RB#0

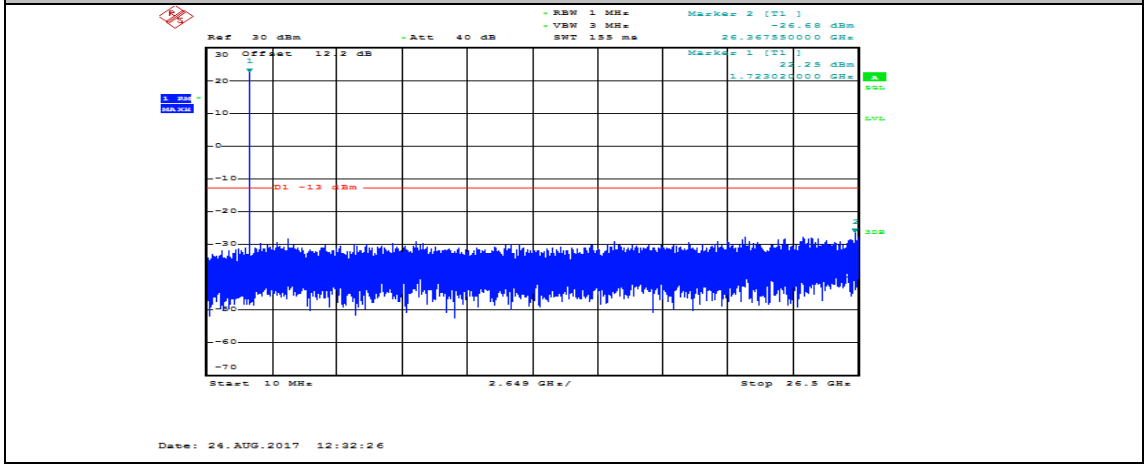


Channel Bandwidth: 20 MHz

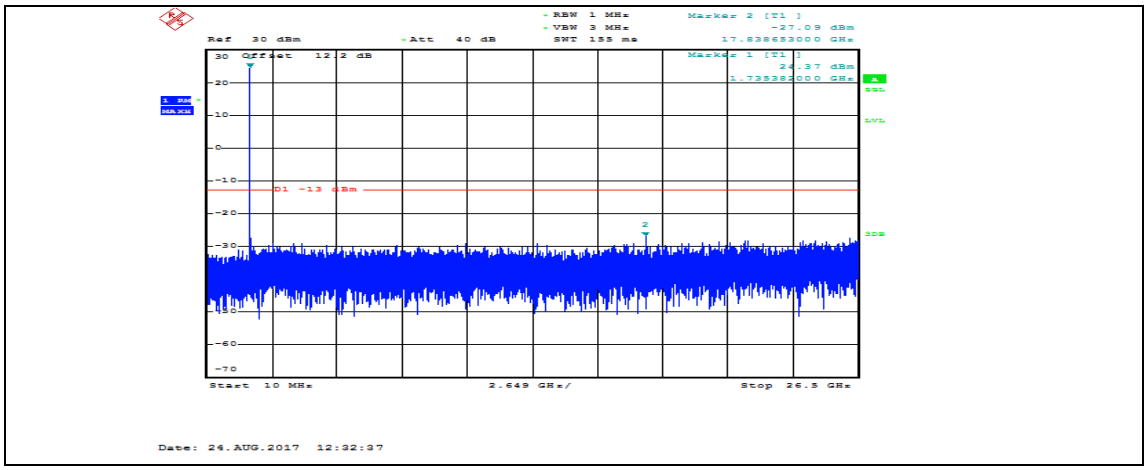
(Channel Bandwidth: 20 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 20 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 20 MHz)_HCH_QPSK_1RB#0



Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	2.30	0.001344	± 2.5	PASS
		VN	TN	2.90	0.001695	± 2.5	PASS
		VH	TN	4.00	0.002338	± 2.5	PASS
	MCH	VL	TN	2.70	0.001558	± 2.5	PASS
		VN	TN	-0.70	-0.000404	± 2.5	PASS
		VH	TN	1.70	0.000981	± 2.5	PASS
	HCH	VL	TN	-3.40	-0.001938	± 2.5	PASS
		VN	TN	-1.90	-0.001083	± 2.5	PASS
		VH	TN	-1.90	-0.001083	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.50	0.002631	± 2.5	PASS
		VN	-20	2.80	0.001637	± 2.5	PASS
		VN	-10	4.00	0.002338	± 2.5	PASS
		VN	0	3.60	0.002104	± 2.5	PASS
		VN	10	3.30	0.001929	± 2.5	PASS
		VN	20	3.80	0.002221	± 2.5	PASS
		VN	30	1.60	0.000935	± 2.5	PASS
		VN	40	3.00	0.001754	± 2.5	PASS
		VN	50	3.00	0.001754	± 2.5	PASS
	MCH	VN	-30	-1.30	-0.000750	± 2.5	PASS
		VN	-20	2.00	0.001154	± 2.5	PASS
		VN	-10	2.90	0.001674	± 2.5	PASS

		VN	0	0.90	0.000519	± 2.5	PASS
		VN	10	1.00	0.000577	± 2.5	PASS
		VN	20	1.80	0.001039	± 2.5	PASS
		VN	30	1.50	0.000866	± 2.5	PASS
		VN	40	1.60	0.000924	± 2.5	PASS
		VN	50	0.10	0.000058	± 2.5	PASS
	HCH	VN	-30	-3.20	-0.001824	± 2.5	PASS
		VN	-20	-0.40	-0.000228	± 2.5	PASS
		VN	-10	-2.30	-0.001311	± 2.5	PASS
		VN	0	-2.00	-0.001140	± 2.5	PASS
		VN	10	-2.30	-0.001311	± 2.5	PASS
		VN	20	-1.90	-0.001083	± 2.5	PASS
		VN	30	-0.90	-0.000513	± 2.5	PASS
		VN	40	-1.30	-0.000741	± 2.5	PASS
		VN	50	-0.60	-0.000342	± 2.5	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz+							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	1.90	0.001110	± 2.5	PASS
		VN	TN	1.10	0.000643	± 2.5	PASS
		VH	TN	0.70	0.000409	± 2.5	PASS
	MCH	VL	TN	2.40	0.001385	± 2.5	PASS
		VN	TN	0.90	0.000519	± 2.5	PASS
		VH	TN	0.20	0.000115	± 2.5	PASS
	HCH	VL	TN	1.90	0.001084	± 2.5	PASS
		VN	TN	2.40	0.001369	± 2.5	PASS
		VH	TN	2.50	0.001426	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.60	0.001519	± 2.5	PASS
		VN	-20	1.50	0.000876	± 2.5	PASS
		VN	-10	2.40	0.001402	± 2.5	PASS
		VN	0	1.50	0.000876	± 2.5	PASS
		VN	10	3.30	0.001928	± 2.5	PASS
		VN	20	2.10	0.001227	± 2.5	PASS
		VN	30	2.80	0.001636	± 2.5	PASS
		VN	40	-1.20	-0.000701	± 2.5	PASS
		VN	50	2.80	0.001636	± 2.5	PASS
	MCH	VN	-30	1.90	0.001097	± 2.5	PASS
		VN	-20	1.60	0.000924	± 2.5	PASS
		VN	-10	3.10	0.001789	± 2.5	PASS
		VN	0	0.70	0.000404	± 2.5	PASS
		VN	10	1.20	0.000693	± 2.5	PASS

		VN	20	-0.30	-0.000173	± 2.5	PASS
		VN	30	1.80	0.001039	± 2.5	PASS
		VN	40	1.80	0.001039	± 2.5	PASS
		VN	50	1.80	0.001039	± 2.5	PASS
	HCH	VN	-30	1.20	0.000684	± 2.5	PASS
		VN	-20	2.50	0.001426	± 2.5	PASS
		VN	-10	3.00	0.001711	± 2.5	PASS
		VN	0	1.20	0.000684	± 2.5	PASS
		VN	10	0.90	0.000513	± 2.5	PASS
		VN	20	-0.80	-0.000456	± 2.5	PASS
		VN	30	-0.80	-0.000456	± 2.5	PASS
		VN	40	0.20	0.000114	± 2.5	PASS
		VN	50	-0.80	-0.000456	± 2.5	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	4.20	0.002453	± 2.5	PASS
		VN	TN	2.80	0.001635	± 2.5	PASS
		VH	TN	2.50	0.001460	± 2.5	PASS
	MCH	VL	TN	2.00	0.001154	± 2.5	PASS
		VN	TN	1.00	0.000577	± 2.5	PASS
		VH	TN	0.60	0.000346	± 2.5	PASS
	HCH	VL	TN	-4.50	-0.002568	± 2.5	PASS
		VN	TN	-1.90	-0.001084	± 2.5	PASS
		VH	TN	-2.90	-0.001655	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.80	0.001635	± 2.5	PASS
		VN	-20	3.10	0.001810	± 2.5	PASS
		VN	-10	1.50	0.000876	± 2.5	PASS
		VN	0	2.80	0.001635	± 2.5	PASS
		VN	10	1.60	0.000934	± 2.5	PASS
		VN	20	1.40	0.000818	± 2.5	PASS
		VN	30	2.50	0.001460	± 2.5	PASS
		VN	40	0.80	0.000467	± 2.5	PASS
		VN	50	0.60	0.000350	± 2.5	PASS
	MCH	VN	-30	0.30	0.000173	± 2.5	PASS
		VN	-20	0.90	0.000519	± 2.5	PASS
		VN	-10	-2.30	-0.001328	± 2.5	PASS
		VN	0	1.90	0.001097	± 2.5	PASS
		VN	10	2.80	0.001616	± 2.5	PASS
		VN	20	1.90	0.001097	± 2.5	PASS
		VN	30	-0.50	-0.000289	± 2.5	PASS

		VN	40	1.80	0.001039	± 2.5	PASS
		VN	50	-0.20	-0.000115	± 2.5	PASS
	HCH	VN	-30	-1.60	-0.000913	± 2.5	PASS
		VN	-20	-2.80	-0.001598	± 2.5	PASS
		VN	-10	-2.80	-0.001598	± 2.5	PASS
		VN	0	-1.40	-0.000799	± 2.5	PASS
		VN	10	-3.10	-0.001769	± 2.5	PASS
		VN	20	-3.90	-0.002225	± 2.5	PASS
		VN	30	-3.30	-0.001883	± 2.5	PASS
		VN	40	-3.10	-0.001769	± 2.5	PASS
		VN	50	-2.90	-0.001655	± 2.5	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-2.10	-0.001224	± 2.5	PASS
		VN	TN	-2.80	-0.001633	± 2.5	PASS
		VH	TN	-4.70	-0.002741	± 2.5	PASS
	MCH	VL	TN	1.80	0.001039	± 2.5	PASS
		VN	TN	-0.40	-0.000231	± 2.5	PASS
		VH	TN	2.40	0.001385	± 2.5	PASS
	HCH	VL	TN	0.80	0.000457	± 2.5	PASS
		VN	TN	3.20	0.001829	± 2.5	PASS
		VH	TN	1.70	0.000971	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-3.80	-0.002216	± 2.5	PASS
		VN	-20	-0.80	-0.000466	± 2.5	PASS
		VN	-10	-1.30	-0.000758	± 2.5	PASS
		VN	0	-3.40	-0.001983	± 2.5	PASS
		VN	10	-2.00	-0.001166	± 2.5	PASS
		VN	20	-2.70	-0.001574	± 2.5	PASS
		VN	30	-2.50	-0.001458	± 2.5	PASS
		VN	40	-3.20	-0.001866	± 2.5	PASS
		VN	50	-4.30	-0.002507	± 2.5	PASS
	MCH	VN	-30	1.10	0.000635	± 2.5	PASS
		VN	-20	1.70	0.000981	± 2.5	PASS
		VN	-10	1.10	0.000635	± 2.5	PASS
		VN	0	-1.00	-0.000577	± 2.5	PASS
		VN	10	0.30	0.000173	± 2.5	PASS
		VN	20	-0.70	-0.000404	± 2.5	PASS
		VN	30	1.40	0.000808	± 2.5	PASS
		VN	40	0.90	0.000519	± 2.5	PASS
		VN	50	0.50	0.000289	± 2.5	PASS

	HCH	VN	-30	1.00	0.000571	± 2.5	PASS
		VN	-20	3.80	0.002171	± 2.5	PASS
		VN	-10	1.20	0.000686	± 2.5	PASS
		VN	0	0.00	0.000000	± 2.5	PASS
		VN	10	1.70	0.000971	± 2.5	PASS
		VN	20	2.60	0.001486	± 2.5	PASS
		VN	30	3.00	0.001714	± 2.5	PASS
		VN	40	2.50	0.001429	± 2.5	PASS
		VN	50	2.90	0.001657	± 2.5	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	2.40	0.001397	± 2.5	PASS
		VN	TN	1.80	0.001048	± 2.5	PASS
		VH	TN	0.90	0.000524	± 2.5	PASS
	MCH	VL	TN	2.60	0.001501	± 2.5	PASS
		VN	TN	4.00	0.002309	± 2.5	PASS
		VH	TN	0.50	0.000289	± 2.5	PASS
	HCH	VL	TN	1.00	0.000572	± 2.5	PASS
		VN	TN	6.10	0.003491	± 2.5	PASS
		VH	TN	0.40	0.000229	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.40	0.001397	± 2.5	PASS
		VN	-20	1.80	0.001048	± 2.5	PASS
		VN	-10	0.70	0.000408	± 2.5	PASS
		VN	0	0.70	0.000408	± 2.5	PASS
		VN	10	3.10	0.001805	± 2.5	PASS
		VN	20	0.20	0.000116	± 2.5	PASS
		VN	30	3.40	0.001980	± 2.5	PASS
		VN	40	0.00	0.000000	± 2.5	PASS
		VN	50	1.00	0.000582	± 2.5	PASS
	MCH	VN	-30	-0.30	-0.000173	± 2.5	PASS
		VN	-20	-0.30	-0.000173	± 2.5	PASS
		VN	-10	0.70	0.000404	± 2.5	PASS
		VN	0	0.60	0.000346	± 2.5	PASS
		VN	10	-1.00	-0.000577	± 2.5	PASS
		VN	20	1.90	0.001097	± 2.5	PASS
		VN	30	-0.60	-0.000346	± 2.5	PASS
		VN	40	2.00	0.001154	± 2.5	PASS
		VN	50	-0.10	-0.000058	± 2.5	PASS
	HCH	VN	-30	1.10	0.000629	± 2.5	PASS
		VN	-20	0.30	0.000172	± 2.5	PASS

		VN	-10	2.40	0.001373	± 2.5	PASS
		VN	0	0.60	0.000343	± 2.5	PASS
		VN	10	0.90	0.000515	± 2.5	PASS
		VN	20	-1.80	-0.001030	± 2.5	PASS
		VN	30	0.70	0.000401	± 2.5	PASS
		VN	40	2.90	0.001660	± 2.5	PASS
		VN	50	0.80	0.000458	± 2.5	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	3.90	0.002267	± 2.5	PASS
		VN	TN	1.00	0.000581	± 2.5	PASS
		VH	TN	2.20	0.001279	± 2.5	PASS
	MCH	VL	TN	1.40	0.000808	± 2.5	PASS
		VN	TN	4.10	0.002367	± 2.5	PASS
		VH	TN	0.10	0.000058	± 2.5	PASS
	HCH	VL	TN	-1.20	-0.000688	± 2.5	PASS
		VN	TN	2.20	0.001261	± 2.5	PASS
		VH	TN	-3.30	-0.001891	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.70	0.001570	± 2.5	PASS
		VN	-20	2.60	0.001512	± 2.5	PASS
		VN	-10	3.00	0.001744	± 2.5	PASS
		VN	0	2.30	0.001337	± 2.5	PASS
		VN	10	3.60	0.002093	± 2.5	PASS
		VN	20	2.90	0.001686	± 2.5	PASS
		VN	30	3.10	0.001802	± 2.5	PASS
		VN	40	2.10	0.001221	± 2.5	PASS
		VN	50	0.80	0.000465	± 2.5	PASS
	MCH	VN	-30	2.10	0.001212	± 2.5	PASS
		VN	-20	-0.20	-0.000115	± 2.5	PASS
		VN	-10	0.20	0.000115	± 2.5	PASS
		VN	0	2.00	0.001154	± 2.5	PASS
		VN	10	1.00	0.000577	± 2.5	PASS
		VN	20	0.90	0.000519	± 2.5	PASS
		VN	30	-0.80	-0.000462	± 2.5	PASS
		VN	40	2.60	0.001501	± 2.5	PASS
		VN	50	0.40	0.000231	± 2.5	PASS
	HCH	VN	-30	-1.80	-0.001032	± 2.5	PASS
		VN	-20	-0.90	-0.000516	± 2.5	PASS
		VN	-10	-1.80	-0.001032	± 2.5	PASS
		VN	0	-0.40	-0.000229	± 2.5	PASS

		VN	10	-2.70	-0.001547	± 2.5	PASS
		VN	20	-3.10	-0.001777	± 2.5	PASS
		VN	30	-2.90	-0.001662	± 2.5	PASS
		VN	40	-3.80	-0.002178	± 2.5	PASS
		VN	50	-2.70	-0.001547	± 2.5	PASS