



Appendix A: Average Output Power Data

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.12	PASS
		1	12	24.16	PASS
		1	24	24.13	PASS
		12	0	23.23	PASS
		12	6	23.25	PASS
		12	13	23.25	PASS
		25	0	23.24	PASS
	MCH	1	0	23.87	PASS
		1	12	23.93	PASS
		1	24	23.90	PASS
		12	0	22.99	PASS
		12	6	23.01	PASS
		12	13	23.01	PASS
		25	0	23.00	PASS
	HCH	1	0	23.96	PASS
		1	12	23.99	PASS
		1	24	23.98	PASS
		12	0	23.09	PASS
		12	6	23.11	PASS
		12	13	23.11	PASS
		25	0	23.12	PASS
16QAM	LCH	1	0	23.41	PASS
		1	12	23.43	PASS
		1	24	23.41	PASS
		12	0	22.35	PASS
		12	6	22.39	PASS
		12	13	22.36	PASS
		25	0	22.29	PASS
	MCH	1	0	23.15	PASS
		1	12	23.14	PASS
		1	24	23.16	PASS
		12	0	22.08	PASS
		12	6	22.12	PASS

		12	13	22.10	PASS
		25	0	22.02	PASS
	HCH	1	0	23.25	PASS
		1	12	23.24	PASS
		1	24	23.30	PASS
		12	0	22.18	PASS
		12	6	22.20	PASS
		12	13	22.19	PASS
		25	0	22.14	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.14	PASS
		1	24	24.18	PASS
		1	49	24.07	PASS
		25	0	23.25	PASS
		25	12	23.31	PASS
		25	25	23.18	PASS
		50	0	23.20	PASS
	MCH	1	0	24.02	PASS
		1	24	23.96	PASS
		1	49	23.96	PASS
		25	0	23.01	PASS
		25	12	23.07	PASS
		25	25	23.05	PASS
		50	0	23.07	PASS
	HCH	1	0	24.00	PASS
		1	24	24.02	PASS
		1	49	24.03	PASS
		25	0	23.09	PASS
		25	12	23.15	PASS
		25	25	23.14	PASS
		50	0	23.14	PASS
16QAM	LCH	1	0	23.45	PASS
		1	24	23.44	PASS
		1	49	23.37	PASS
		25	0	22.34	PASS
		25	12	22.35	PASS
		25	25	22.22	PASS
		50	0	22.26	PASS

	MCH	1	0	23.28	PASS
		1	24	23.19	PASS
		1	49	23.19	PASS
		25	0	22.04	PASS
		25	12	22.05	PASS
		25	25	22.05	PASS
		50	0	22.12	PASS
	HCH	1	0	23.25	PASS
		1	24	23.26	PASS
		1	49	23.28	PASS
		25	0	22.11	PASS
		25	12	22.18	PASS
		25	25	22.15	PASS
		50	0	22.20	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.20	PASS
		1	37	24.13	PASS
		1	74	24.10	PASS
		36	0	23.33	PASS
		36	19	23.25	PASS
		36	39	23.22	PASS
		75	0	23.25	PASS
	MCH	1	0	24.04	PASS
		1	37	23.89	PASS
		1	74	23.98	PASS
		36	0	23.04	PASS
		36	19	23.10	PASS
		36	39	23.07	PASS
		75	0	23.06	PASS
	HCH	1	0	24.02	PASS
		1	37	24.02	PASS
		1	74	24.06	PASS
		36	0	23.11	PASS
		36	19	23.16	PASS
		36	39	23.13	PASS
		75	0	23.17	PASS
16QAM	LCH	1	0	23.52	PASS
		1	37	23.44	PASS

		1	74	23.39	PASS
		36	0	22.40	PASS
		36	19	22.33	PASS
		36	39	22.32	PASS
		75	0	22.31	PASS
	MCH	1	0	23.30	PASS
		1	37	23.18	PASS
		1	74	23.20	PASS
		36	0	22.16	PASS
		36	19	22.17	PASS
		36	39	22.13	PASS
		75	0	22.15	PASS
	HCH	1	0	23.27	PASS
		1	37	23.26	PASS
		1	74	23.33	PASS
		36	0	22.21	PASS
		36	19	22.23	PASS
		36	39	22.21	PASS
		75	0	22.26	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.19	PASS
		1	49	24.05	PASS
		1	99	23.99	PASS
		50	0	23.23	PASS
		50	25	23.26	PASS
		50	50	23.16	PASS
		100	0	23.25	PASS
	MCH	1	0	24.04	PASS
		1	49	23.94	PASS
		1	99	23.93	PASS
		50	0	23.09	PASS
		50	25	23.09	PASS
		50	50	23.13	PASS
		100	0	23.13	PASS
	HCH	1	0	24.00	PASS
		1	49	24.01	PASS
		1	99	24.02	PASS
		50	0	23.17	PASS



		50	25	23.20	PASS
		50	50	23.18	PASS
		100	0	23.17	PASS
16QAM	LCH	1	0	23.48	PASS
		1	49	23.38	PASS
		1	99	23.26	PASS
		50	0	22.32	PASS
		50	25	22.33	PASS
		50	50	22.23	PASS
		100	0	22.36	PASS
	MCH	1	0	23.30	PASS
		1	49	23.17	PASS
		1	99	23.20	PASS
		50	0	22.15	PASS
		50	25	22.16	PASS
		50	50	22.16	PASS
		100	0	22.23	PASS
	HCH	1	0	23.22	PASS
		1	49	23.25	PASS
		1	99	23.31	PASS
		50	0	22.20	PASS
		50	25	22.25	PASS
		50	50	22.24	PASS
		100	0	22.26	PASS

Appendix B: Peak-to-Average Ratio

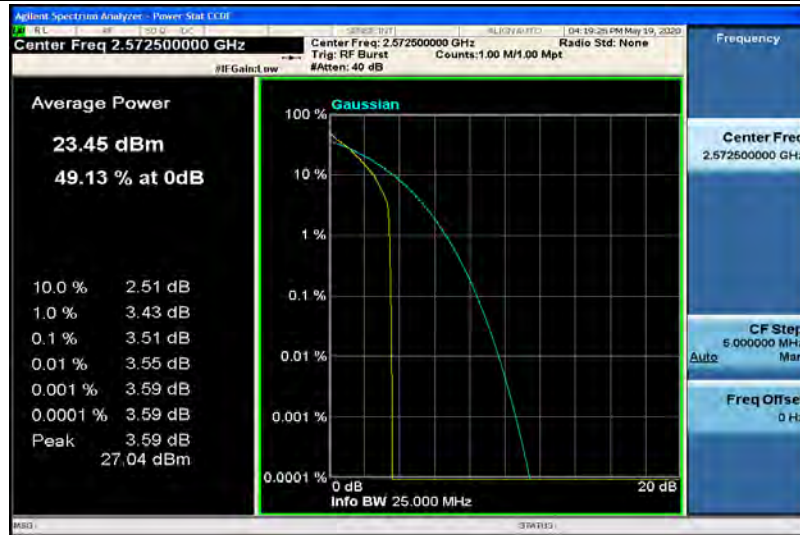
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	3.51	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	3.25	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	3.33	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	4.66	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	4.33	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	4.49	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	3.46	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	3.22	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	3.25	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	4.73	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	4.37	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	4.37	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	3.43	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	3.26	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	3.12	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	4.76	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	4.38	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	4.27	13	PASS
Band38	20MHz	QPSK	37850	1RB#0	3.43	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	3.20	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	3.11	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	4.77	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	4.40	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	4.28	13	PASS



Test Graphs

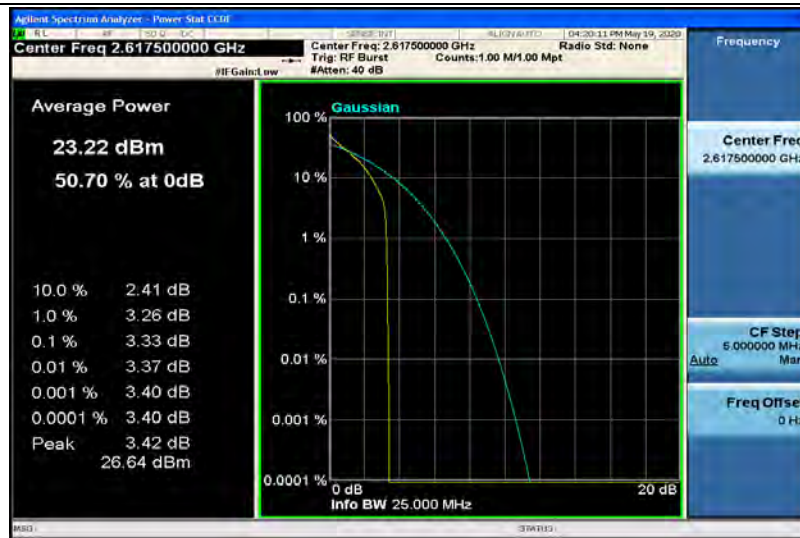
Band38-5MHz-QPSK-37775-1RB#0



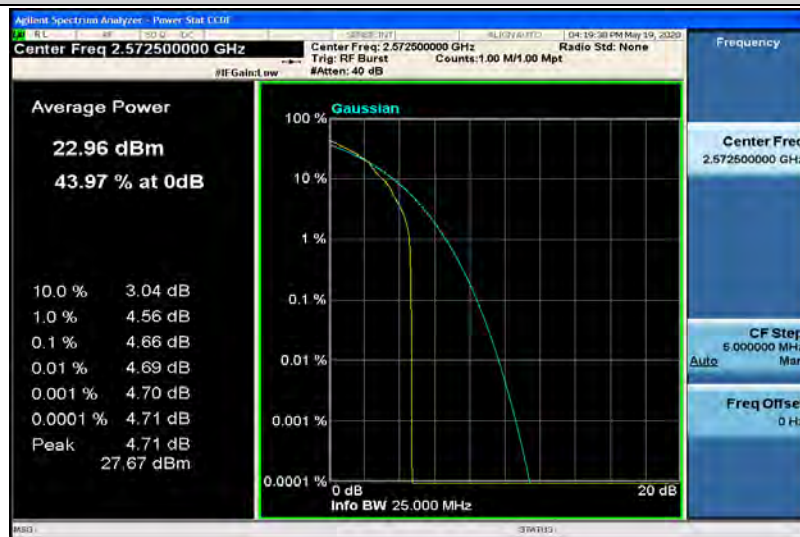
Band38-5MHz-QPSK-38000-1RB#0



Band38-5MHz-QPSK-38225-1RB#0



Band38-5MHz-16QAM-37775-1RB#0



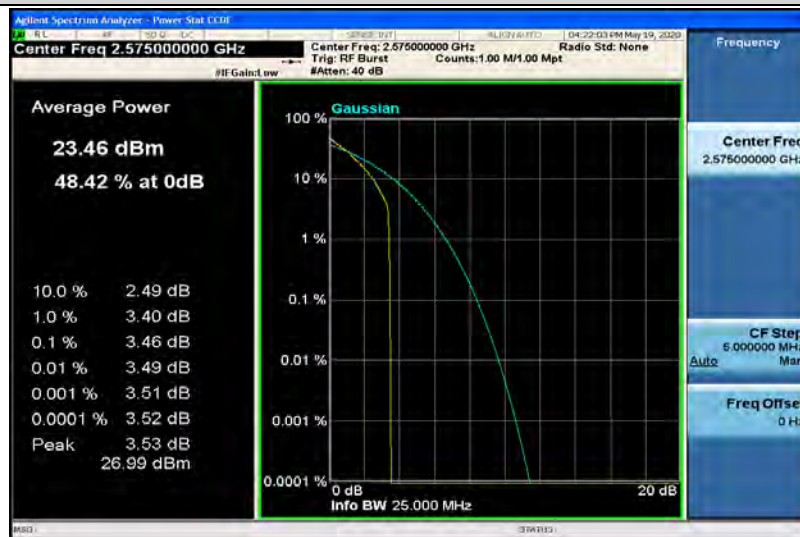
Band38-5MHz-16QAM-38000-1RB#0



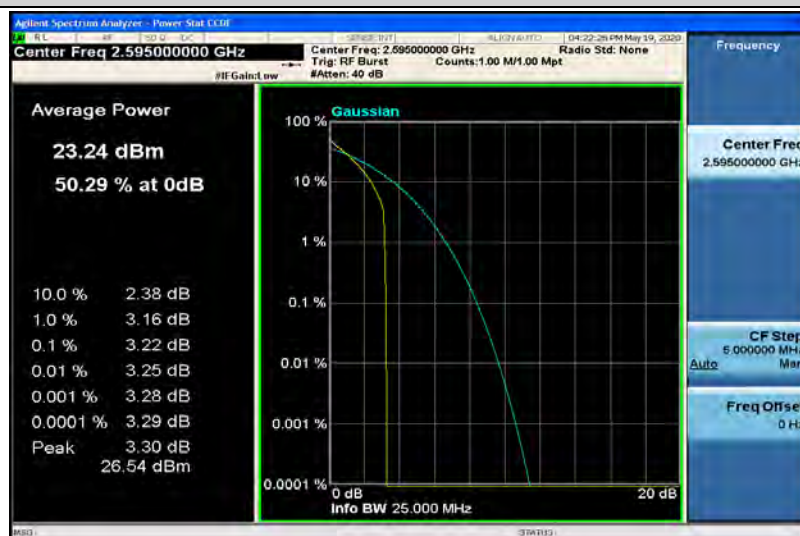
Band38-5MHz-16QAM-38225-1RB#0



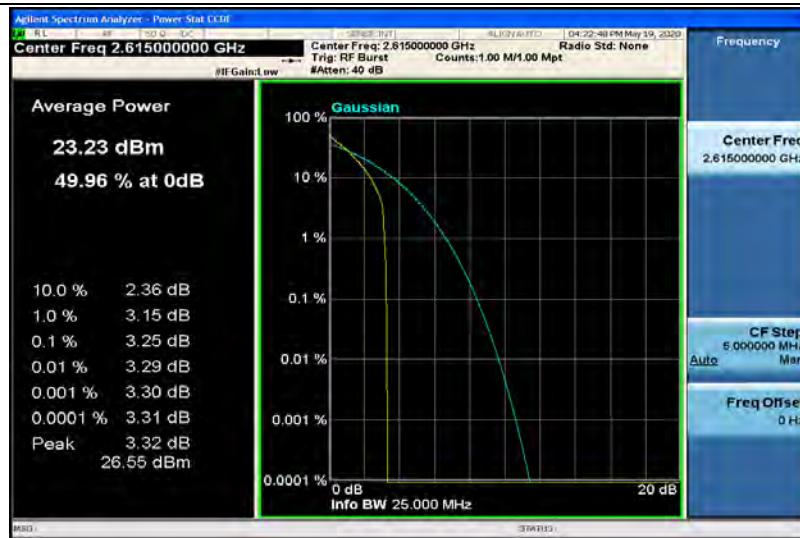
Band38-10MHz-QPSK-37800-1RB#0



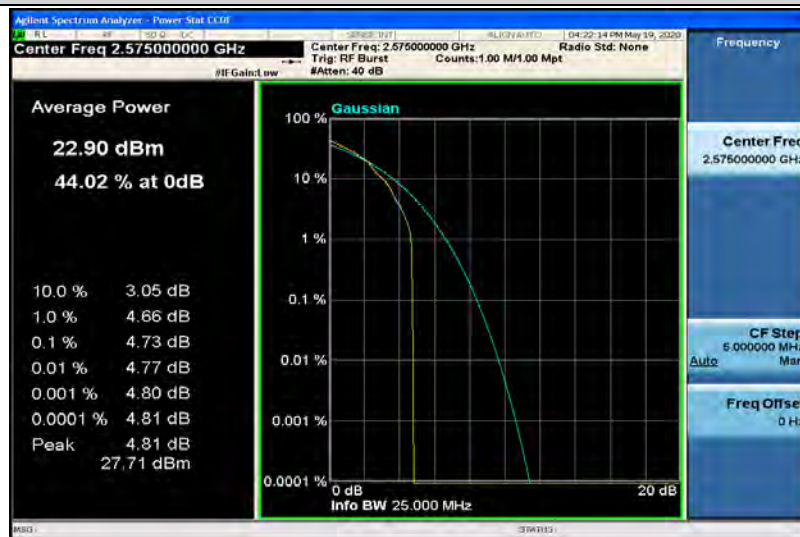
Band38-10MHz-QPSK-38000-1RB#0



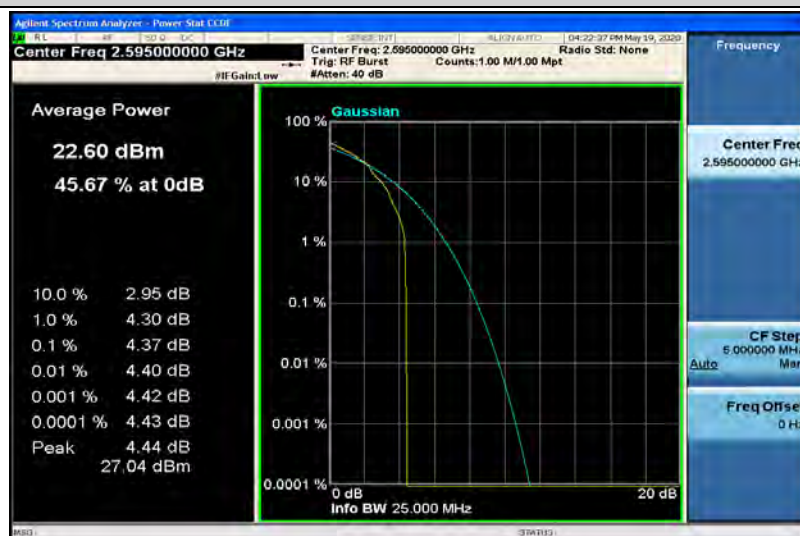
Band38-10MHz-QPSK-38200-1RB#0



Band38-10MHz-16QAM-37800-1RB#0



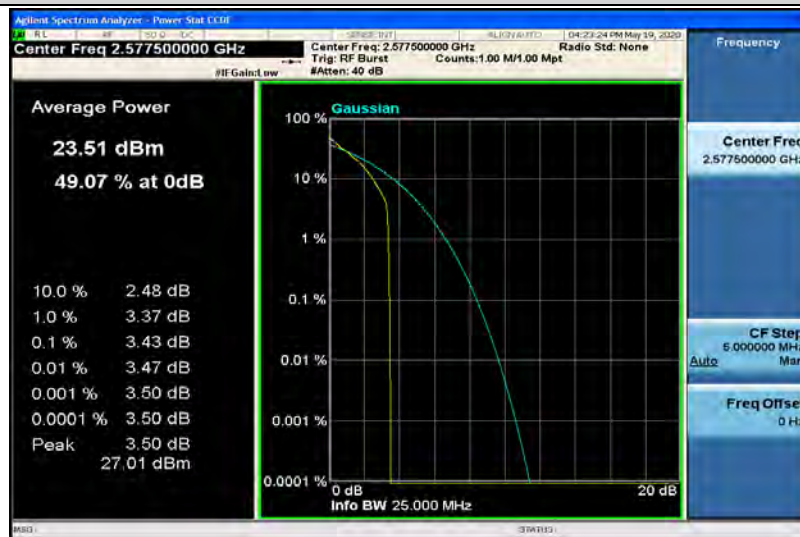
Band38-10MHz-16QAM-38000-1RB#0



Band38-10MHz-16QAM-38200-1RB#0



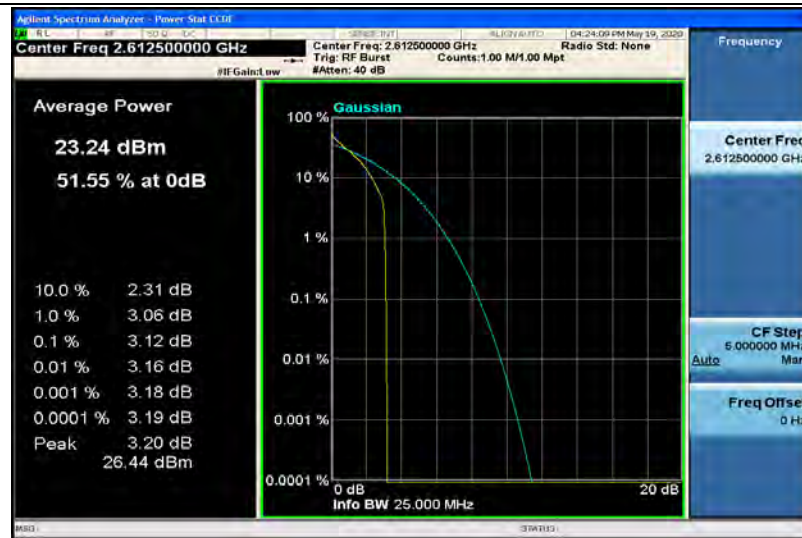
Band38-15MHz-QPSK-37825-1RB#0



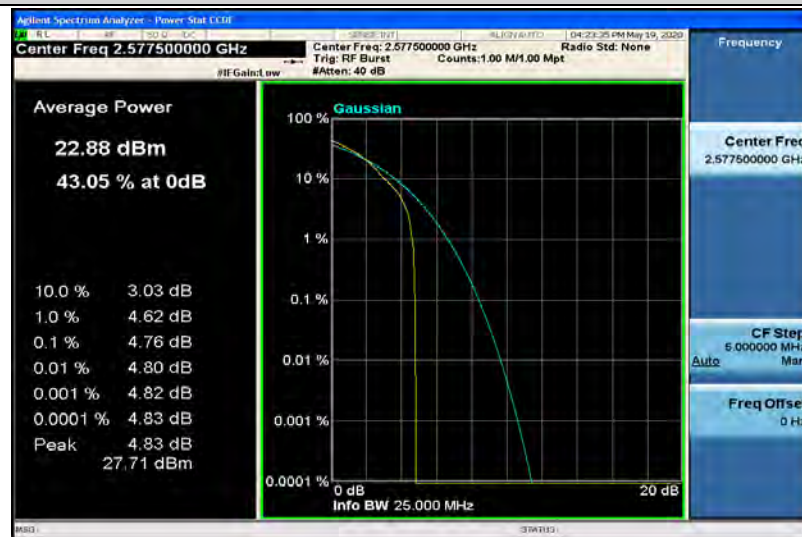
Band38-15MHz-QPSK-38000-1RB#0



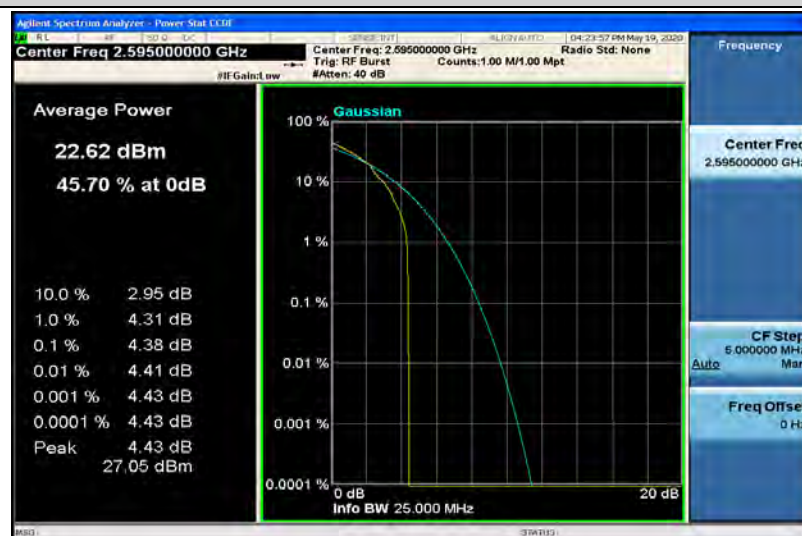
Band38-15MHz-QPSK-38175-1RB#0



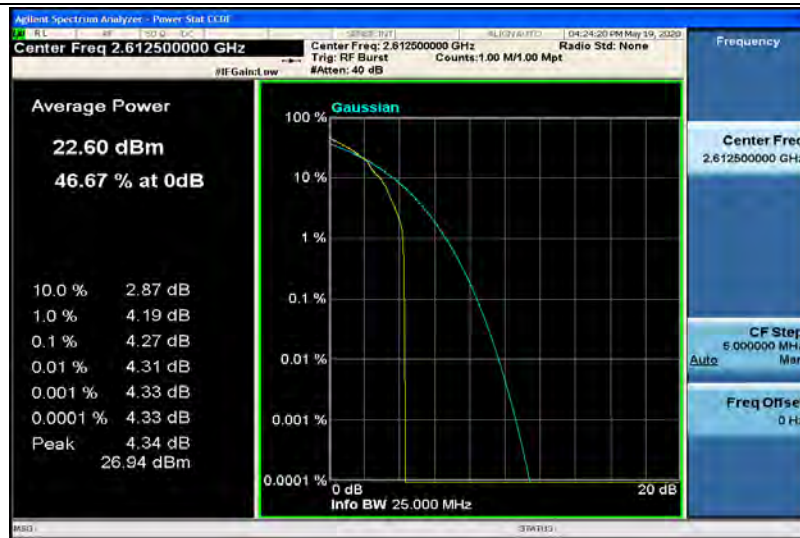
Band38-15MHz-16QAM-37825-1RB#0



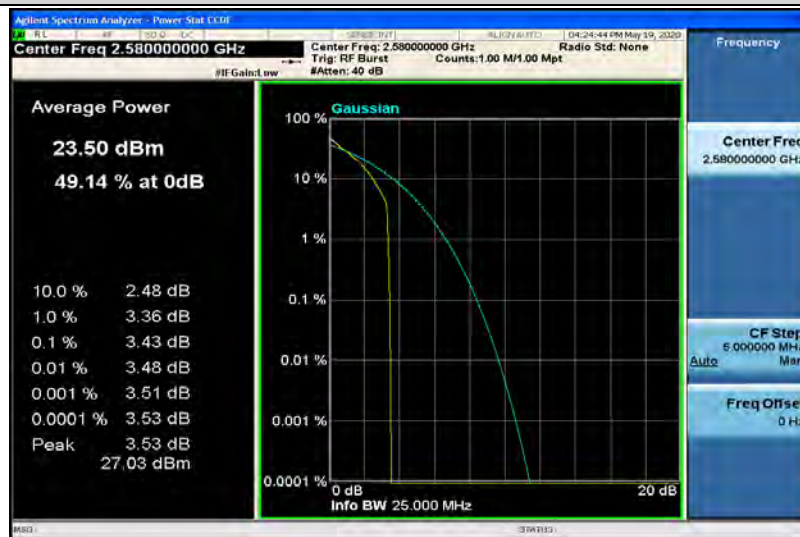
Band38-15MHz-16QAM-38000-1RB#0



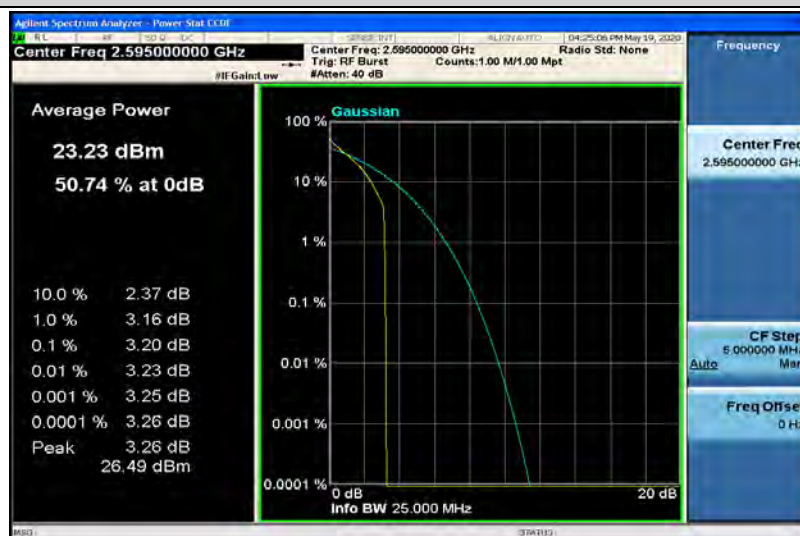
Band38-15MHz-16QAM-38175-1RB#0



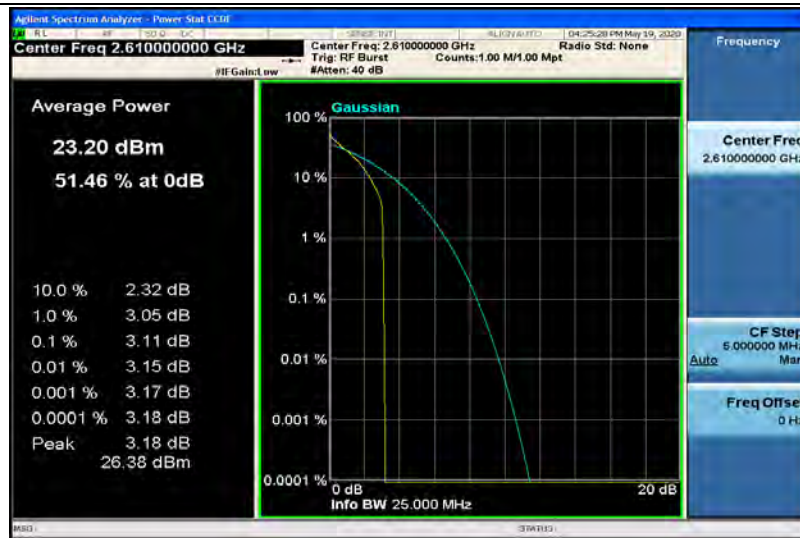
Band38-20MHz-QPSK-37850-1RB#0



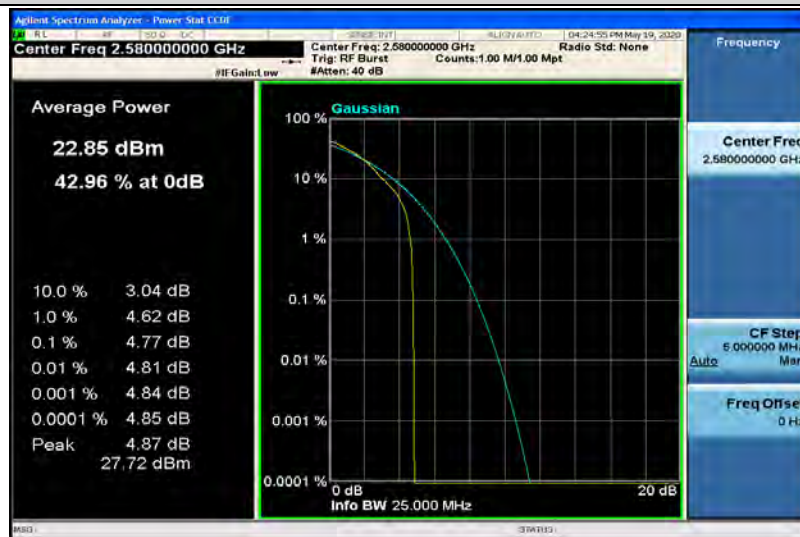
Band38-20MHz-QPSK-38000-1RB#0



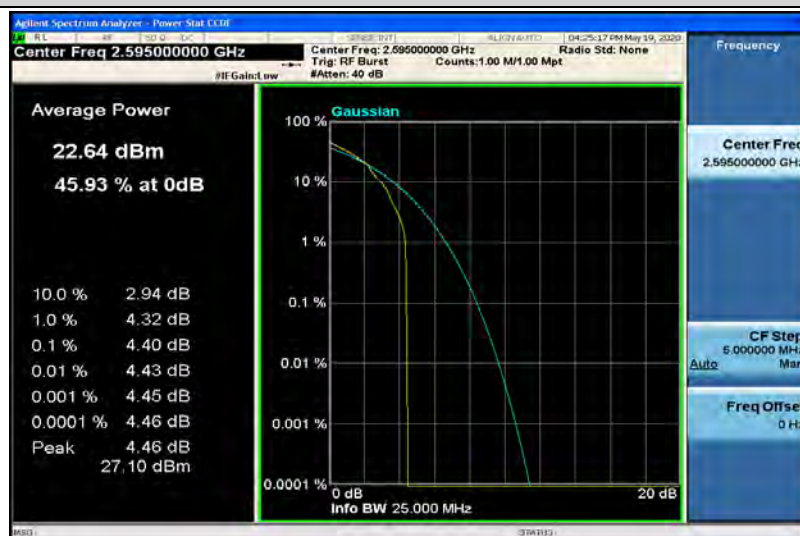
Band38-20MHz-QPSK-38150-1RB#0



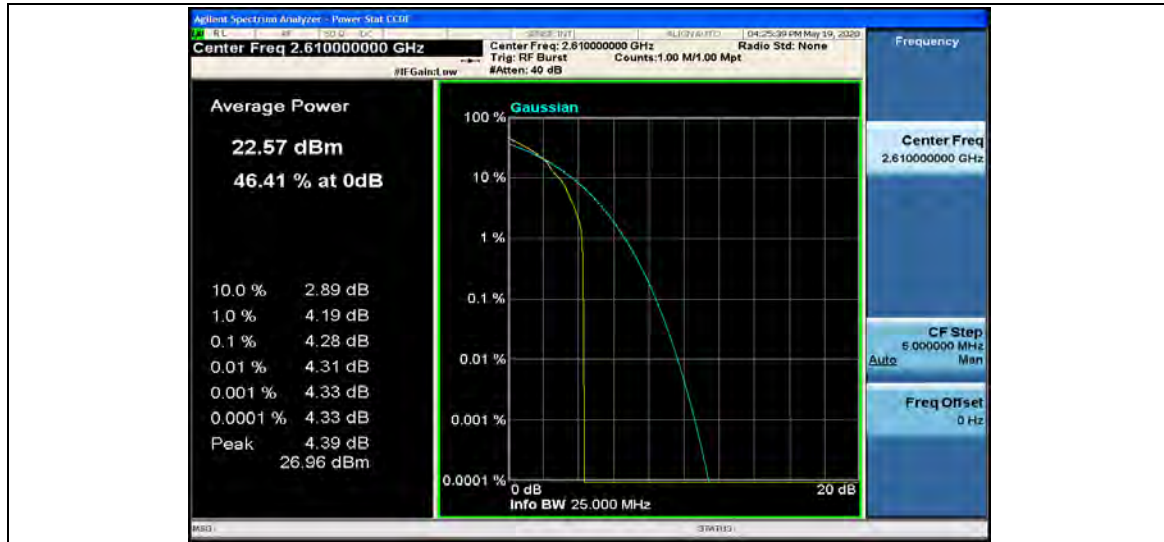
Band38-20MHz-16QAM-37850-1RB#0



Band38-20MHz-16QAM-38000-1RB#0



Band38-20MHz-16QAM-38150-1RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

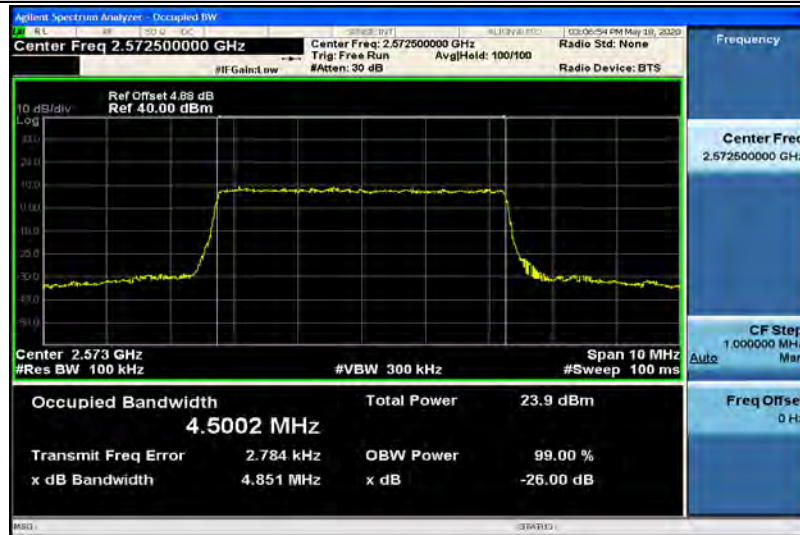
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5002	4.851	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5032	4.852	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5047	4.823	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5175	4.843	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5238	4.872	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5197	4.876	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9641	9.504	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9656	9.506	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9750	9.513	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9716	9.519	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9838	9.519	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9816	9.532	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.458	14.29	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.472	14.30	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.468	14.26	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.448	14.24	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.470	14.23	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.466	14.26	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.903	18.98	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.904	19.03	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.910	19.02	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.906	18.95	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.914	18.96	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.916	18.94	PASS

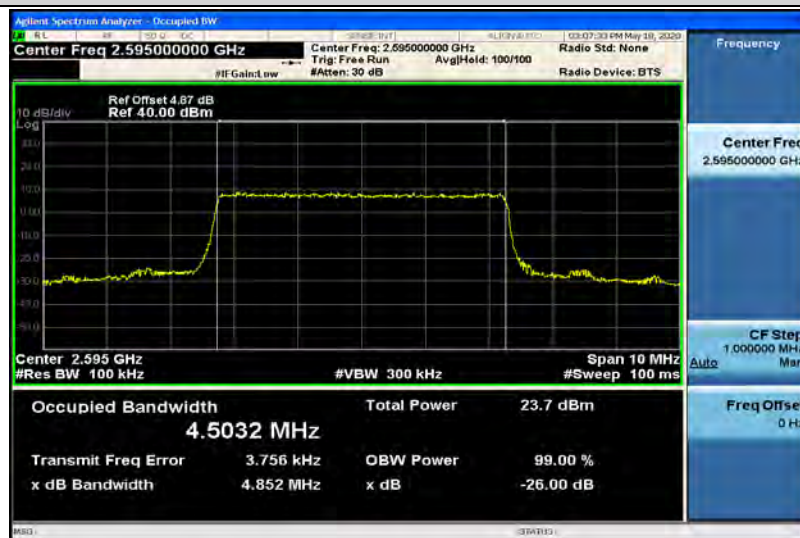


Test Graphs

Band38-5MHz-QPSK-37775-25RB#0-4.5002



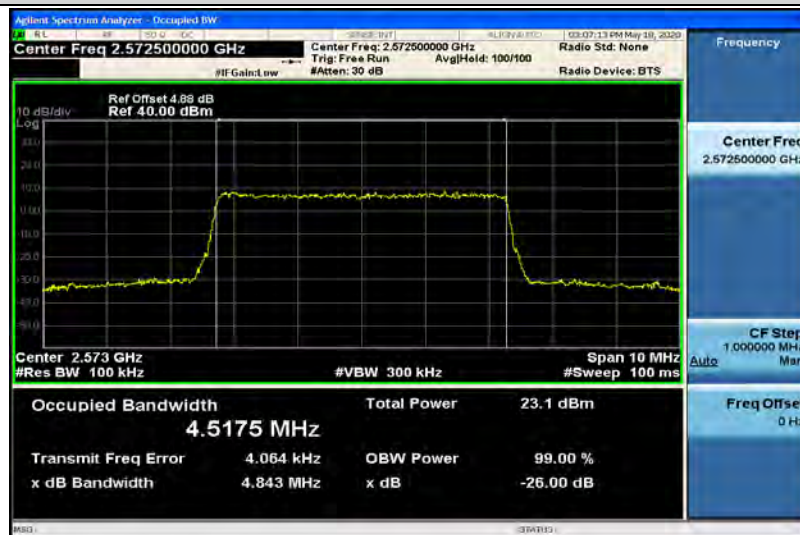
Band38-5MHz-QPSK-38000-25RB#0-4.5032



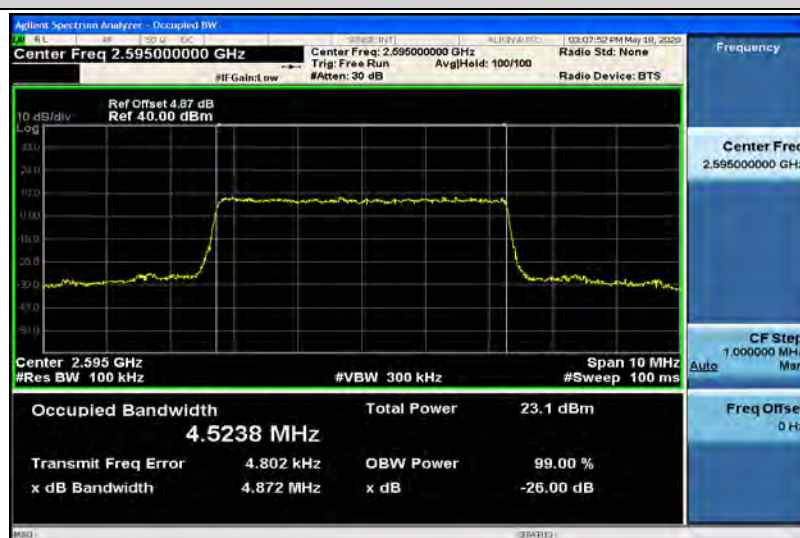
Band38-5MHz-QPSK-38225-25RB#0-4.5047



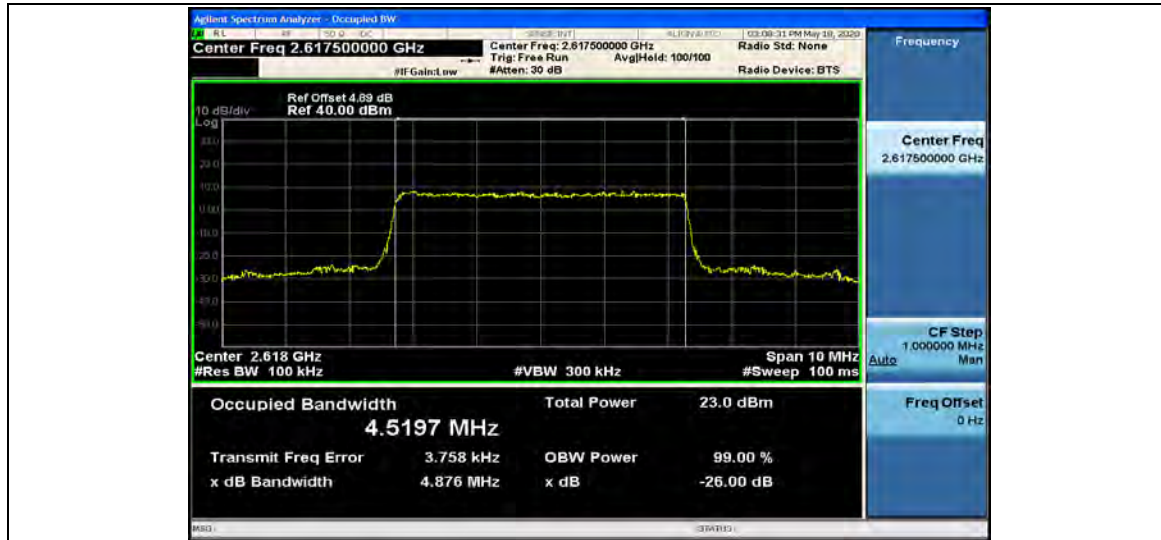
Band38-5MHz-16QAM-37775-25RB#0-4.5175



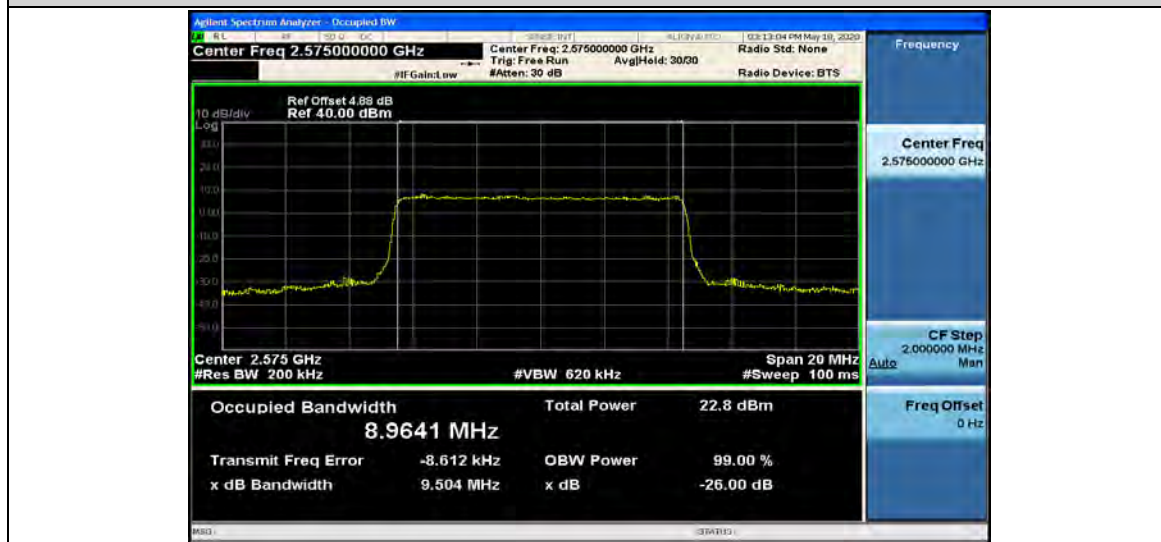
Band38-5MHz-16QAM-38000-25RB#0-4.5238



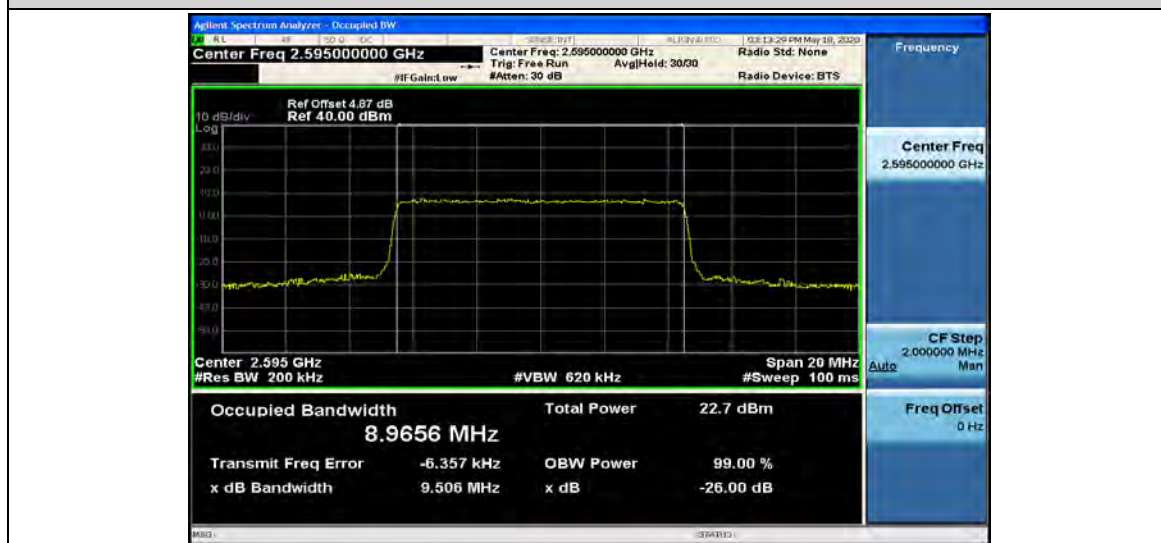
Band38-5MHz-16QAM-38225-25RB#0-4.5197



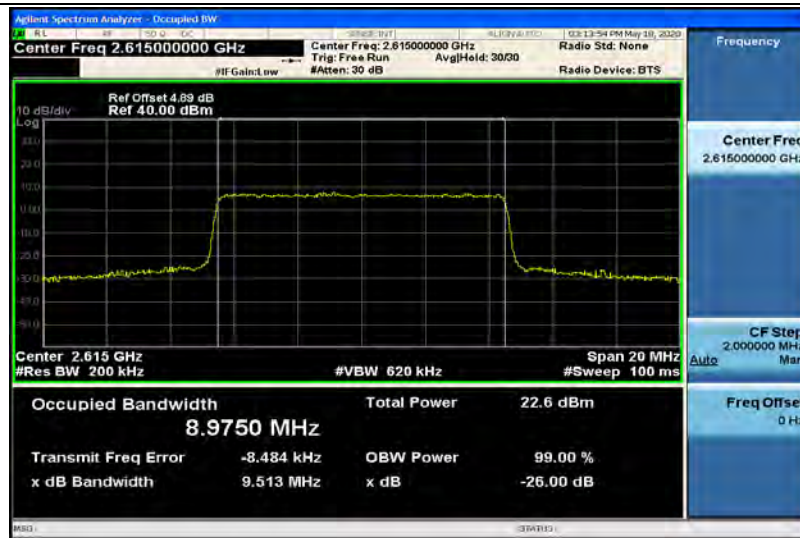
Band38-10MHz-QPSK-37800-50RB#0-8.9641



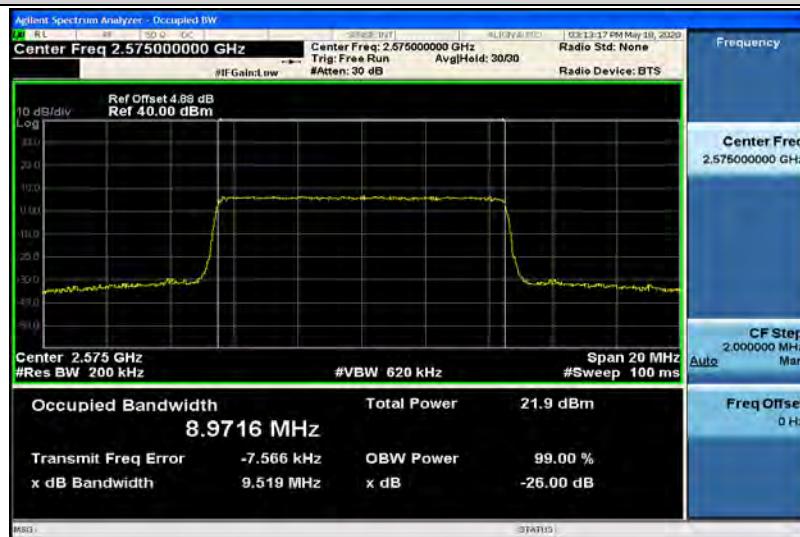
Band38-10MHz-QPSK-38000-50RB#0-8.9656



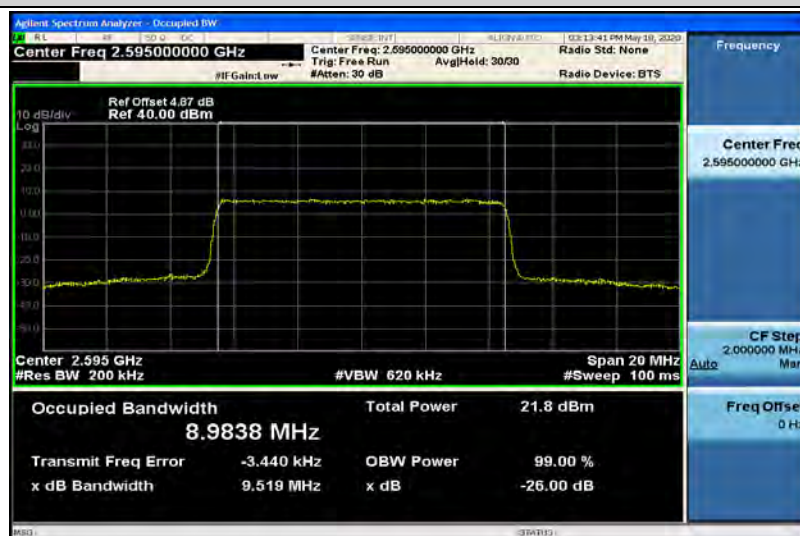
Band38-10MHz-QPSK-38200-50RB#0-8.9750



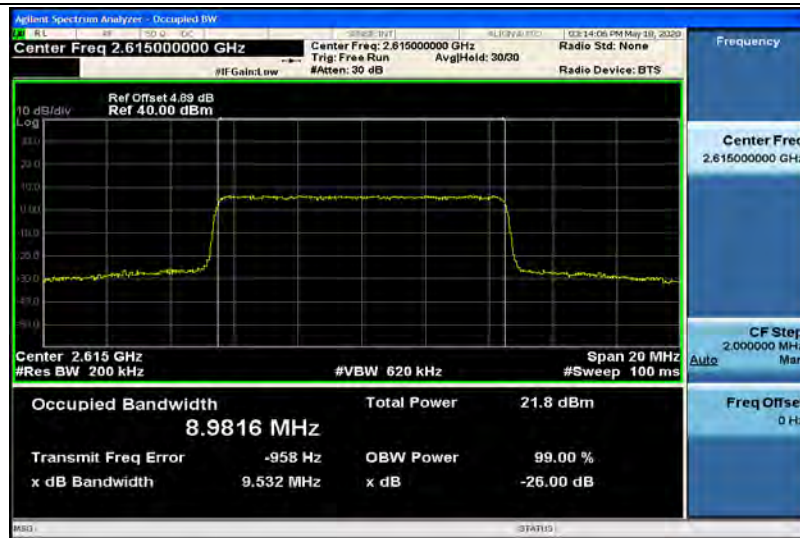
Band38-10MHz-16QAM-37800-50RB#0-8.9716



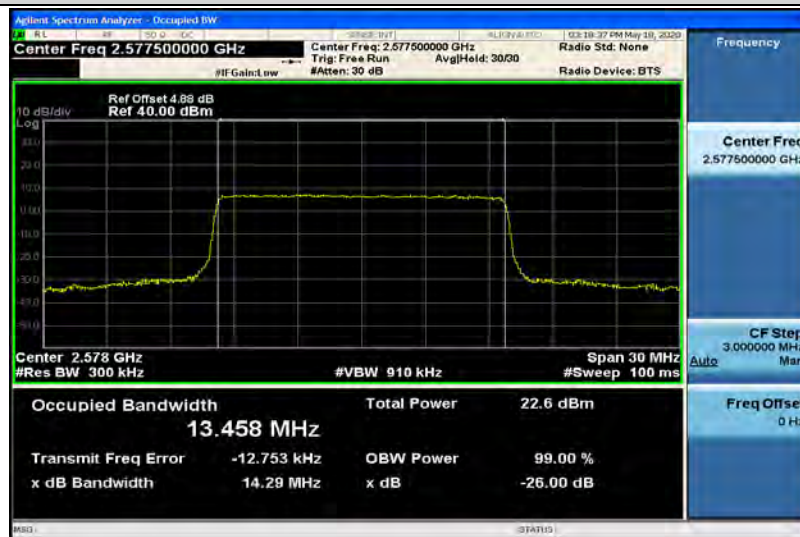
Band38-10MHz-16QAM-38000-50RB#0-8.9838



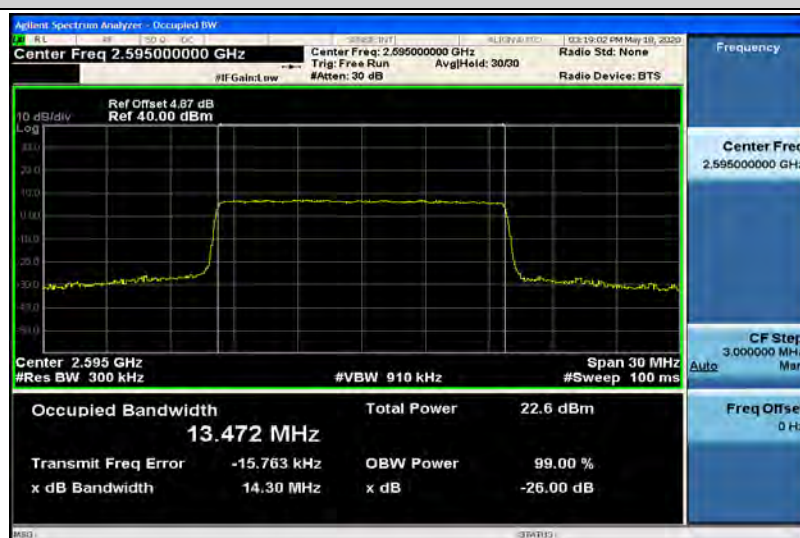
Band38-10MHz-16QAM-38200-50RB#0-8.9816



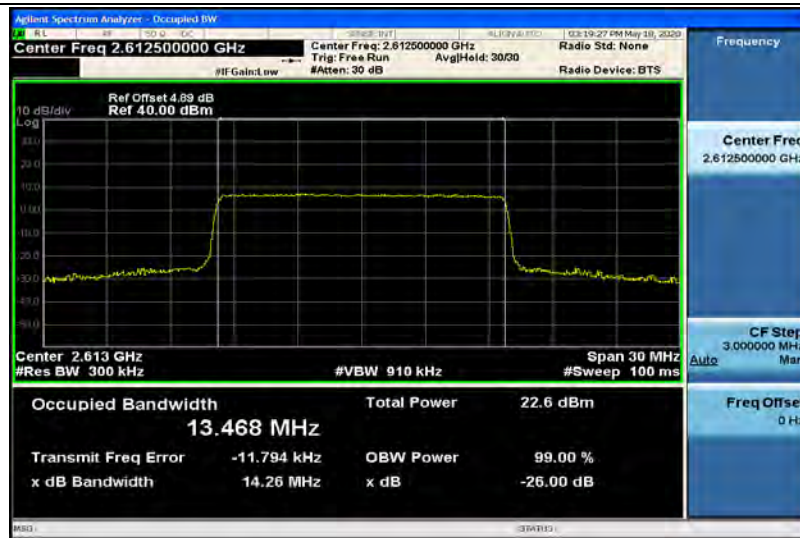
Band38-15MHz-QPSK-37825-75RB#0-13.458



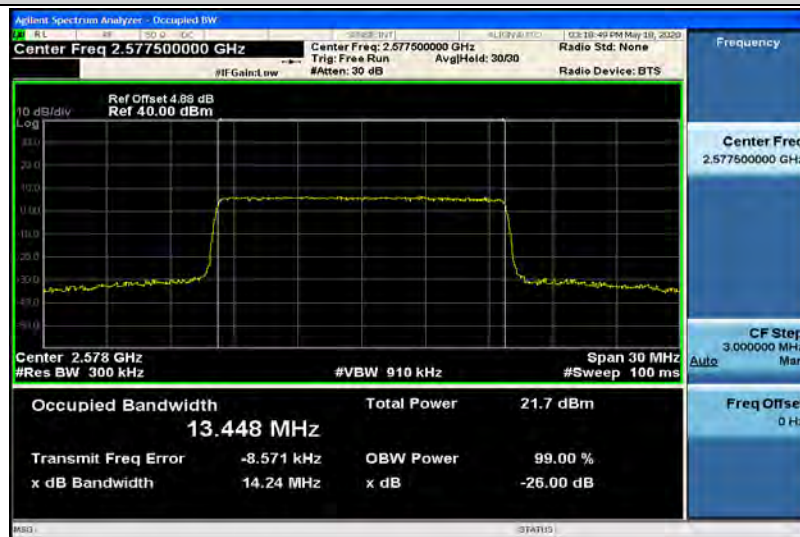
Band38-15MHz-QPSK-38000-75RB#0-13.472



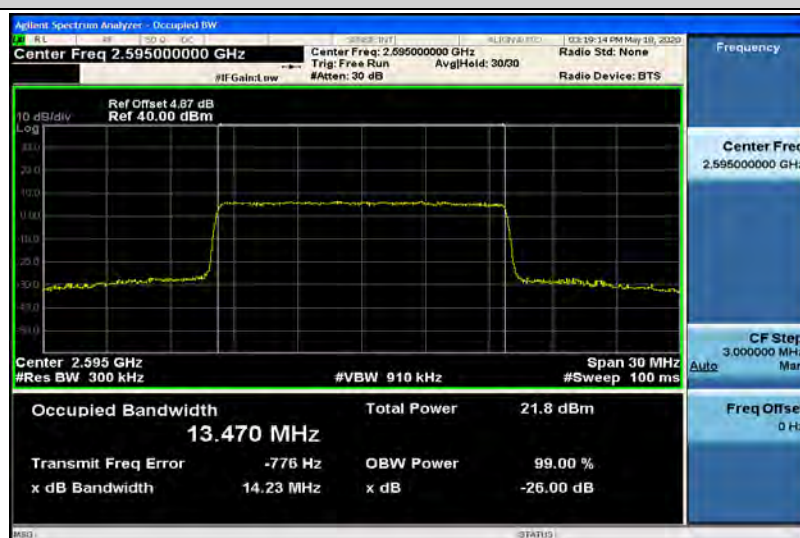
Band38-15MHz-QPSK-38175-75RB#0-13.468



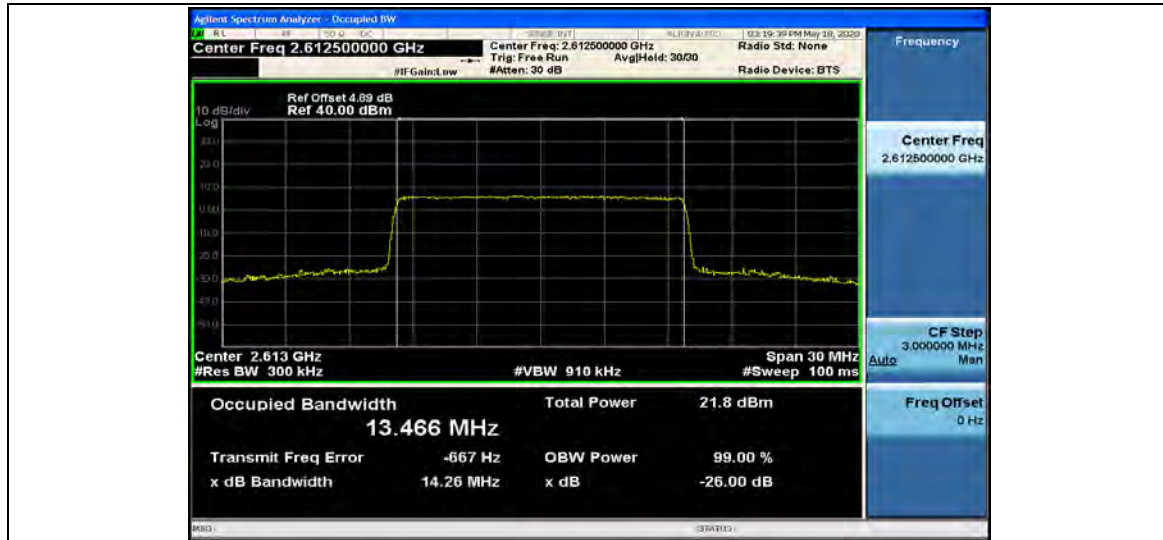
Band38-15MHz-16QAM-37825-75RB#0-13.448



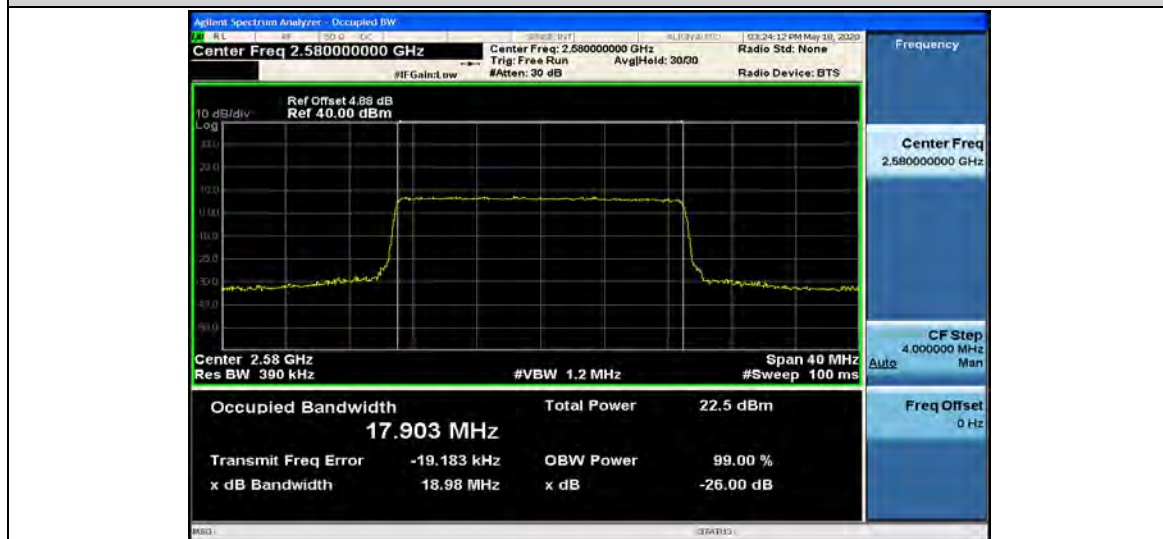
Band38-15MHz-16QAM-38000-75RB#0-13.470



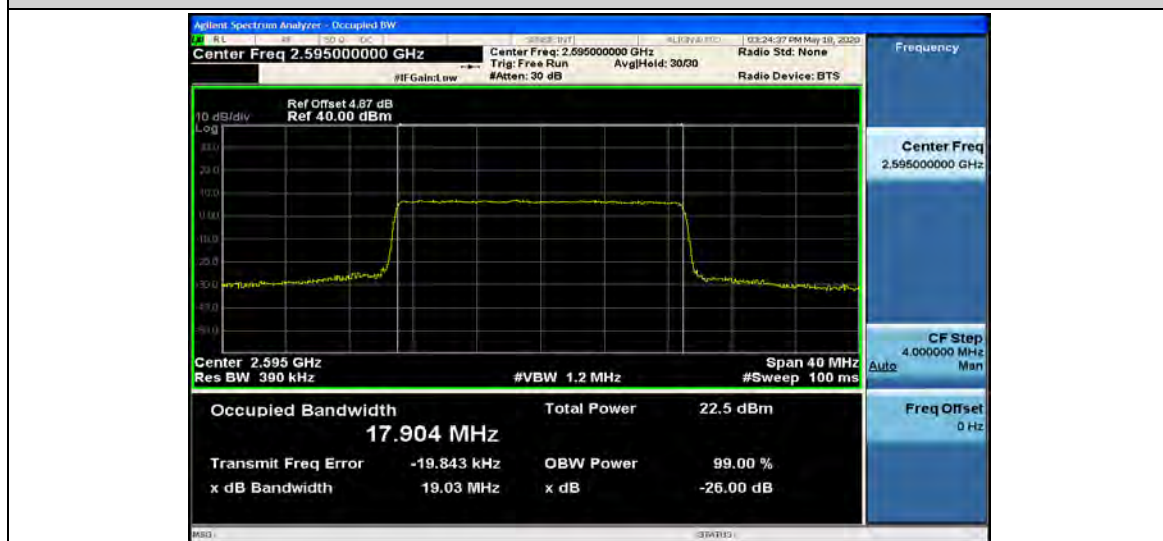
Band38-15MHz-16QAM-38175-75RB#0-13.466



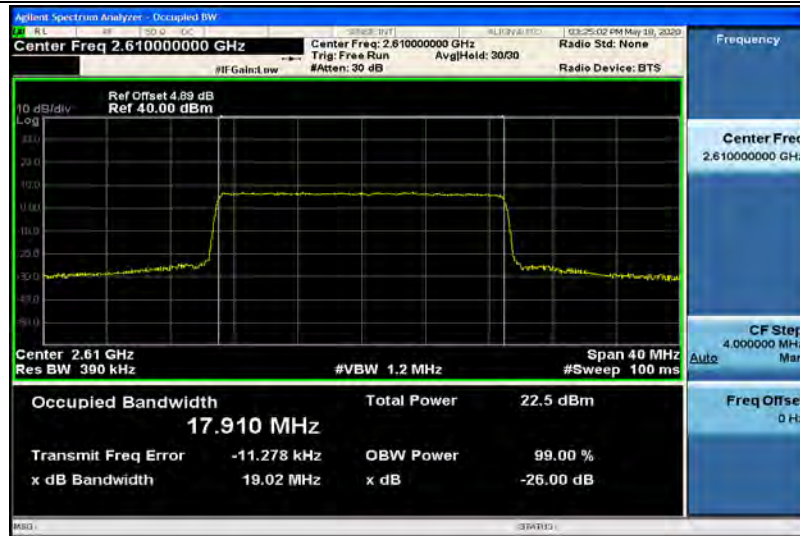
Band38-20MHz-QPSK-37850-100RB#0-17.903



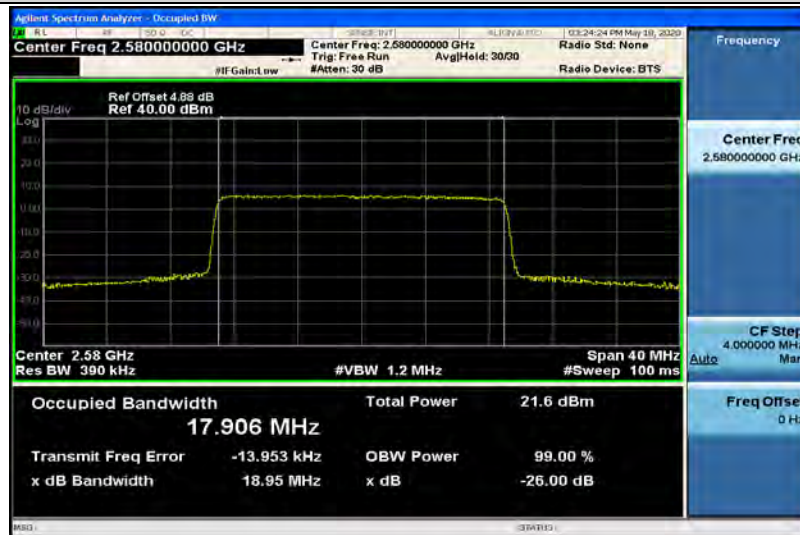
Band38-20MHz-QPSK-38000-100RB#0-17.904



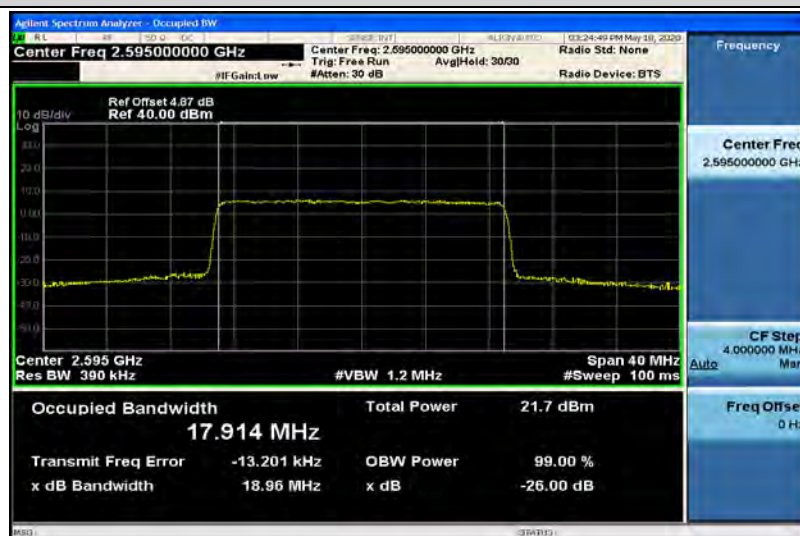
Band38-20MHz-QPSK-38150-100RB#0-17.910



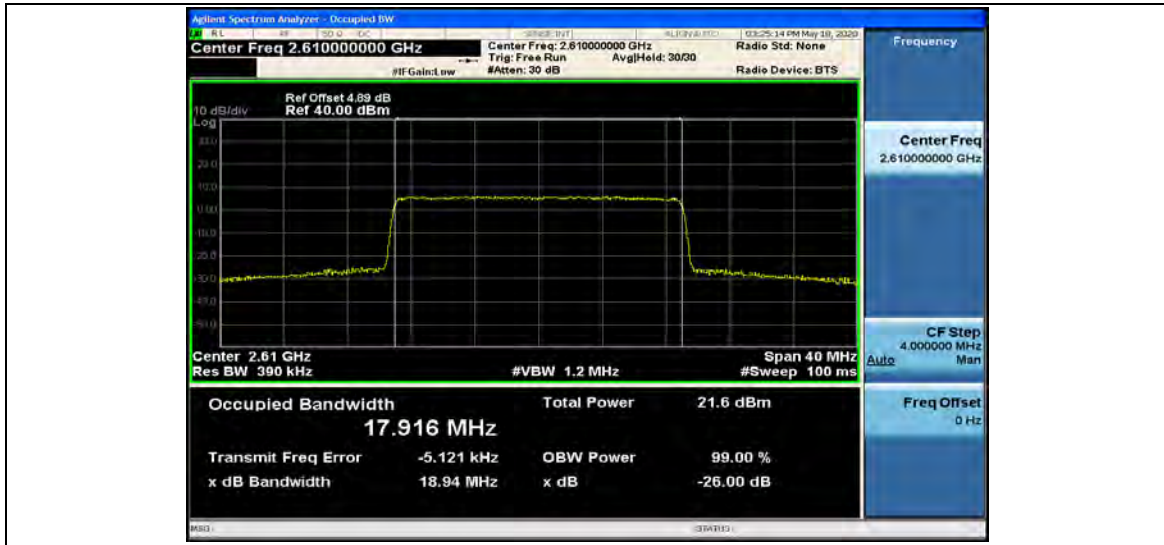
Band38-20MHz-16QAM-37850-100RB#0-17.906



Band38-20MHz-16QAM-38000-100RB#0-17.914



Band38-20MHz-16QAM-38150-100RB#0-17.916





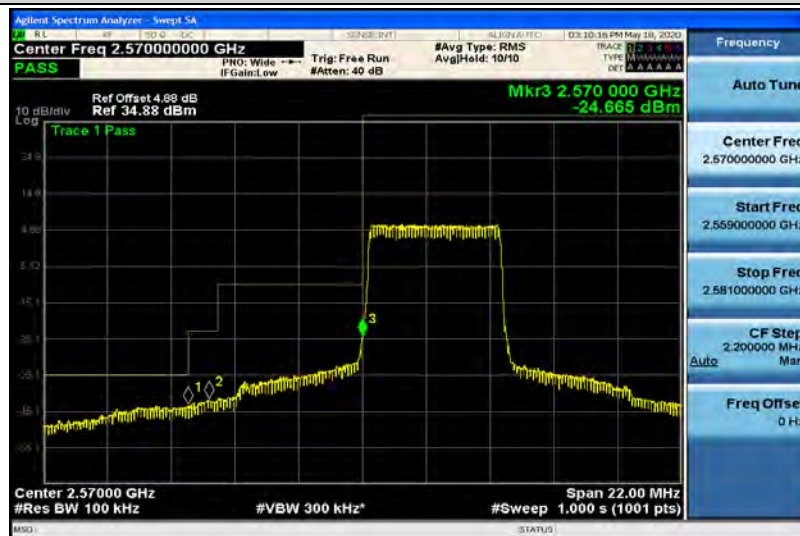
Appendix D: Band Edge

Test Graphs

Band38-5MHz-QPSK-37775-1RB#0



Band38-5MHz-QPSK-37775-25RB#0



Band38-5MHz-QPSK-38225-1RB#24



Band38-5MHz-QPSK-38225-25RB#0



Band38-5MHz-16QAM-37775-1RB#0



Band38-5MHz-16QAM-37775-25RB#0



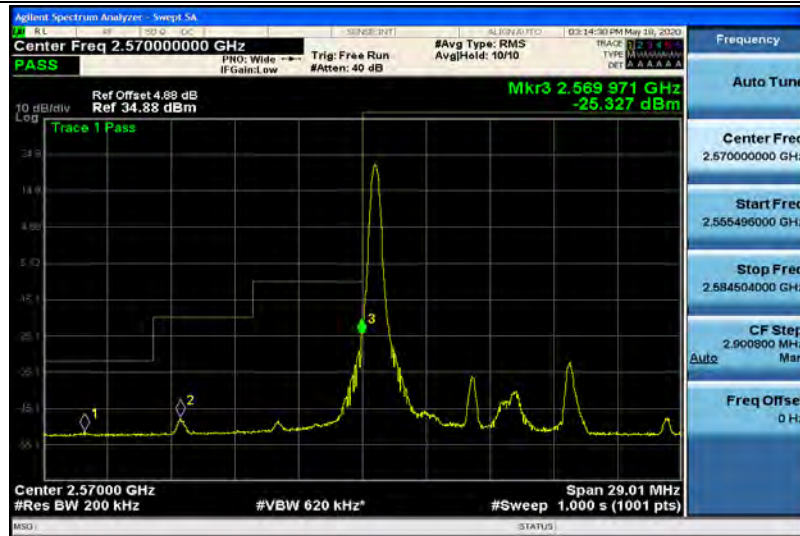
Band38-5MHz-16QAM-38225-1RB#24



Band38-5MHz-16QAM-38225-25RB#0



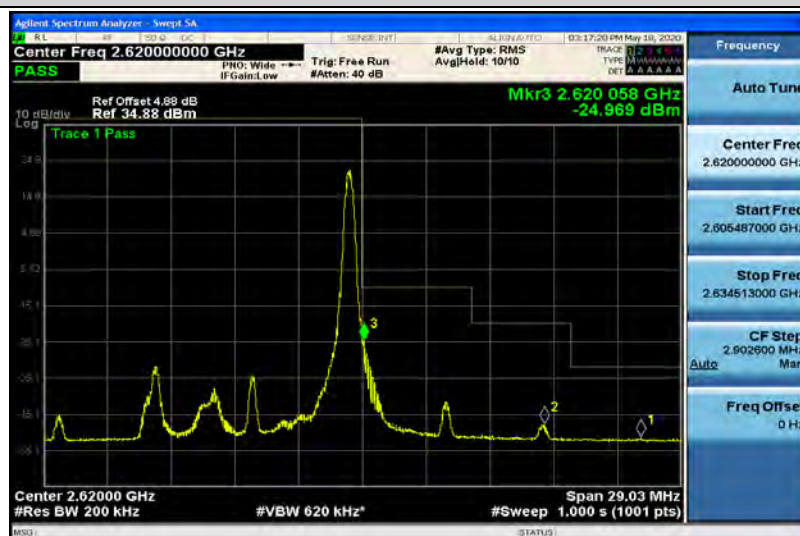
Band38-10MHz-QPSK-37800-1RB#0



Band38-10MHz-QPSK-37800-50RB#0



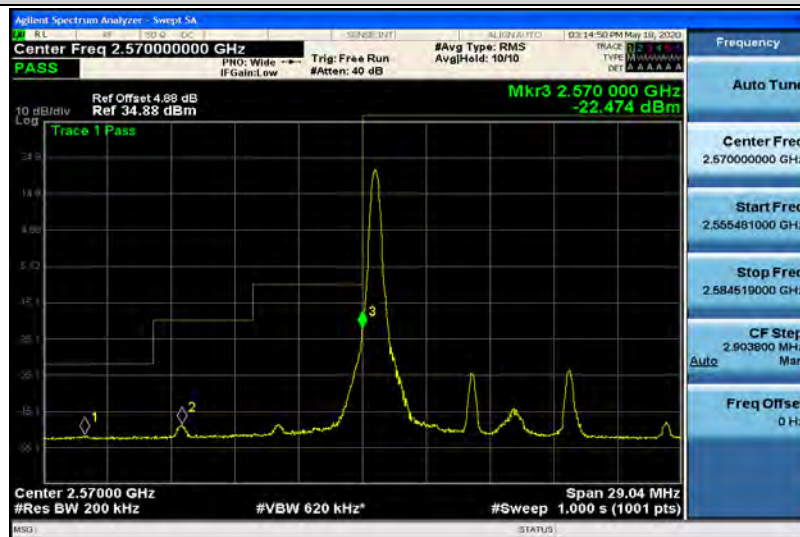
Band38-10MHz-QPSK-38200-1RB#49



Band38-10MHz-QPSK-38200-50RB#0



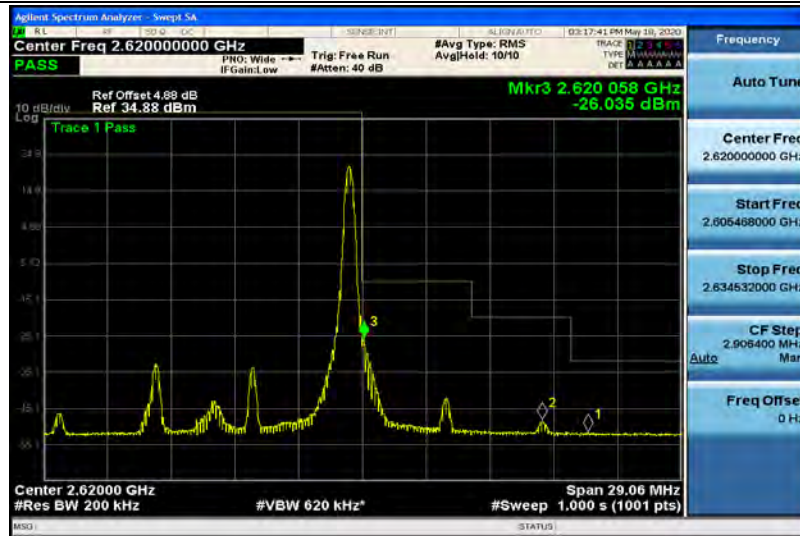
Band38-10MHz-16QAM-37800-1RB#0



Band38-10MHz-16QAM-37800-50RB#0



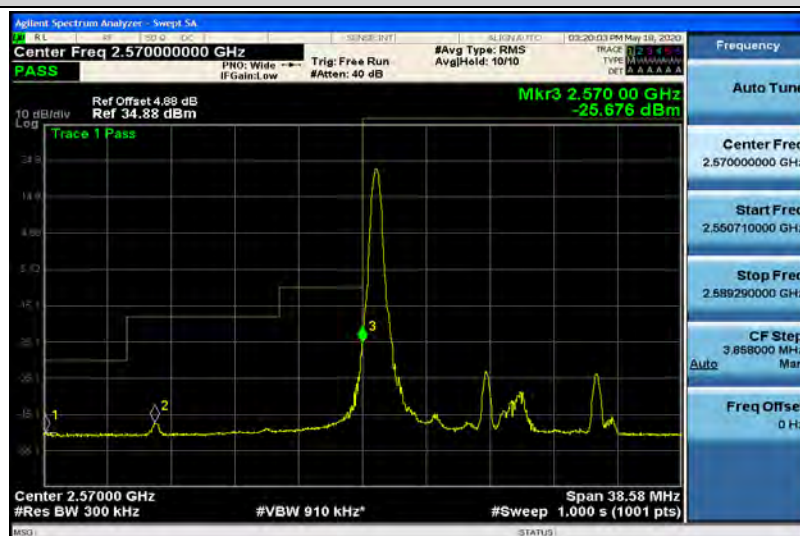
Band38-10MHz-16QAM-38200-1RB#49



Band38-10MHz-16QAM-38200-50RB#0



Band38-15MHz-QPSK-37825-1RB#0



Band38-15MHz-QPSK-37825-75RB#0



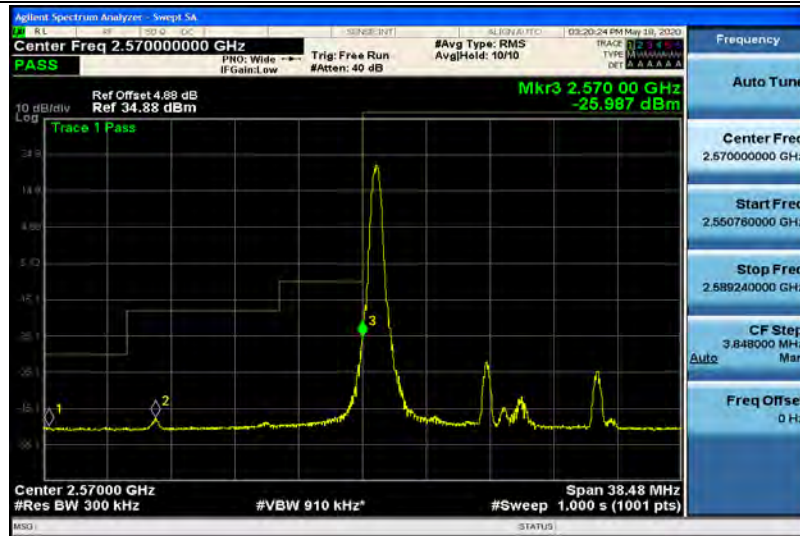
Band38-15MHz-QPSK-38175-1RB#74



Band38-15MHz-QPSK-38175-75RB#0



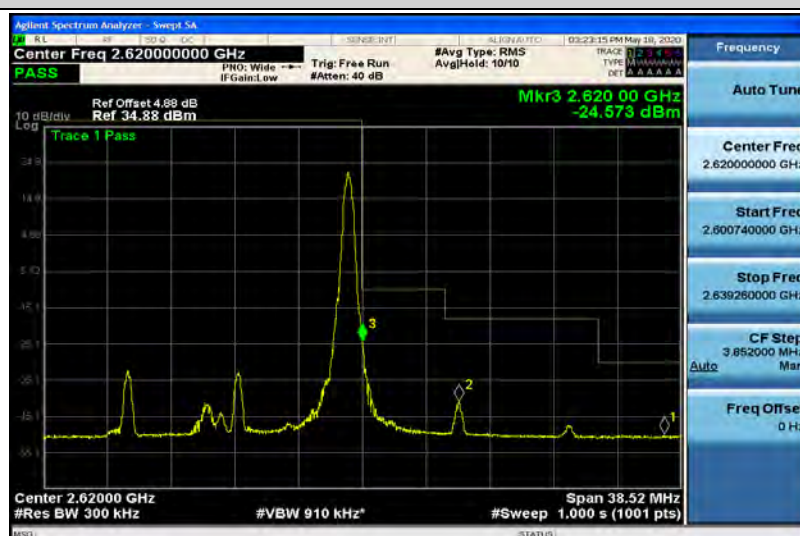
Band38-15MHz-16QAM-37825-1RB#0



Band38-15MHz-16QAM-37825-75RB#0



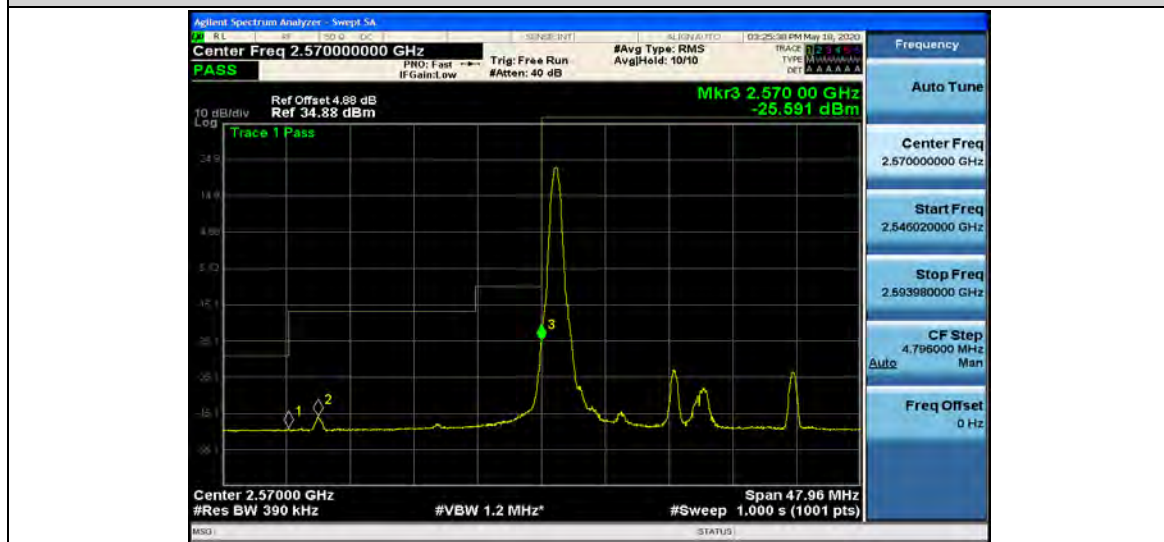
Band38-15MHz-16QAM-38175-1RB#74



Band38-15MHz-16QAM-38175-75RB#0



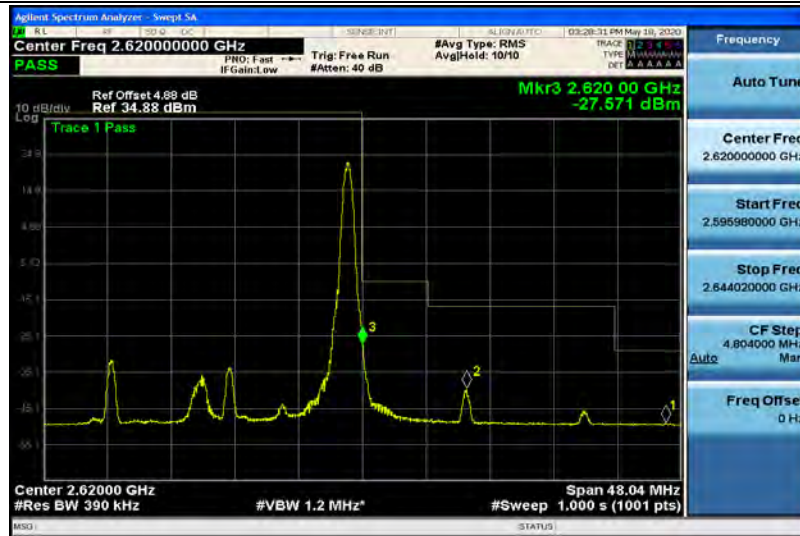
Band38-20MHz-QPSK-37850-1RB#0



Band38-20MHz-QPSK-37850-100RB#0



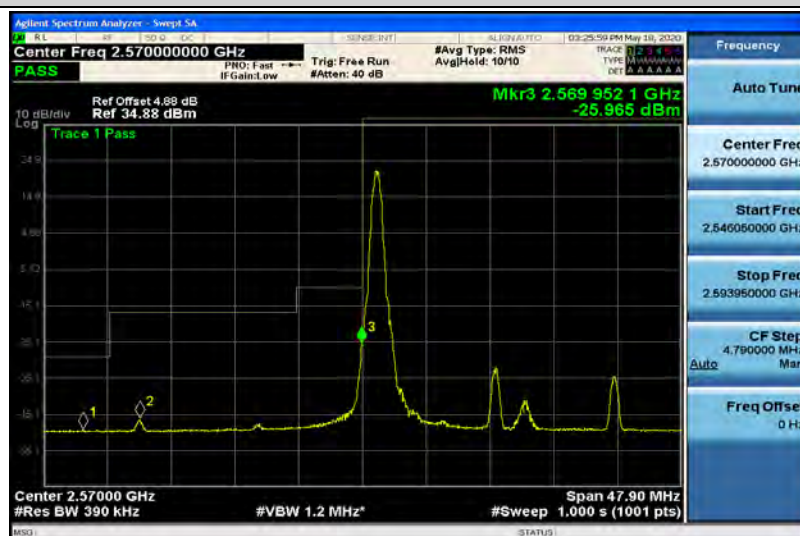
Band38-20MHz-QPSK-38150-1RB#99



Band38-20MHz-QPSK-38150-100RB#0



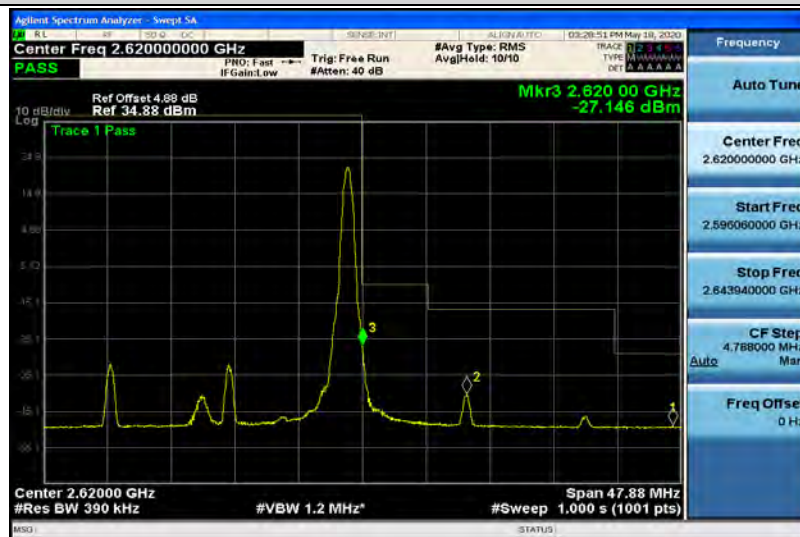
Band38-20MHz-16QAM-37850-1RB#0



Band38-20MHz-16QAM-37850-100RB#0



Band38-20MHz-16QAM-38150-1RB#99



Band38-20MHz-16QAM-38150-100RB#0



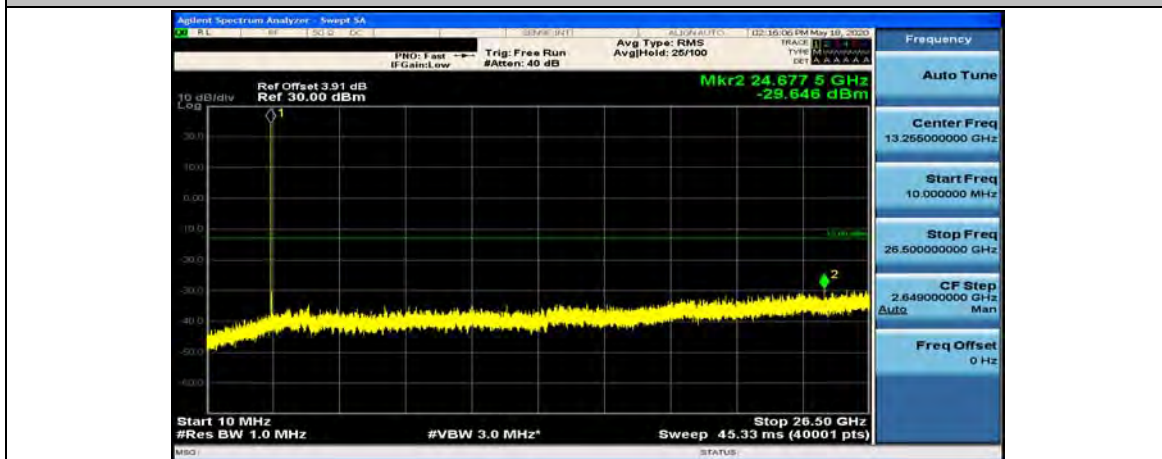


Appendix E: Conducted Spurious Emission

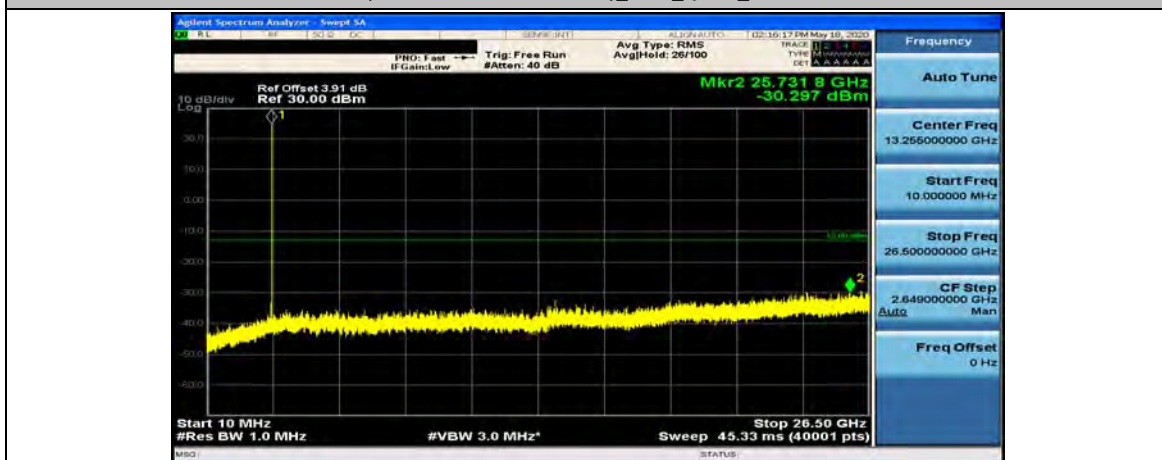
Test Graphs

Channel Bandwidth: 5 MHz

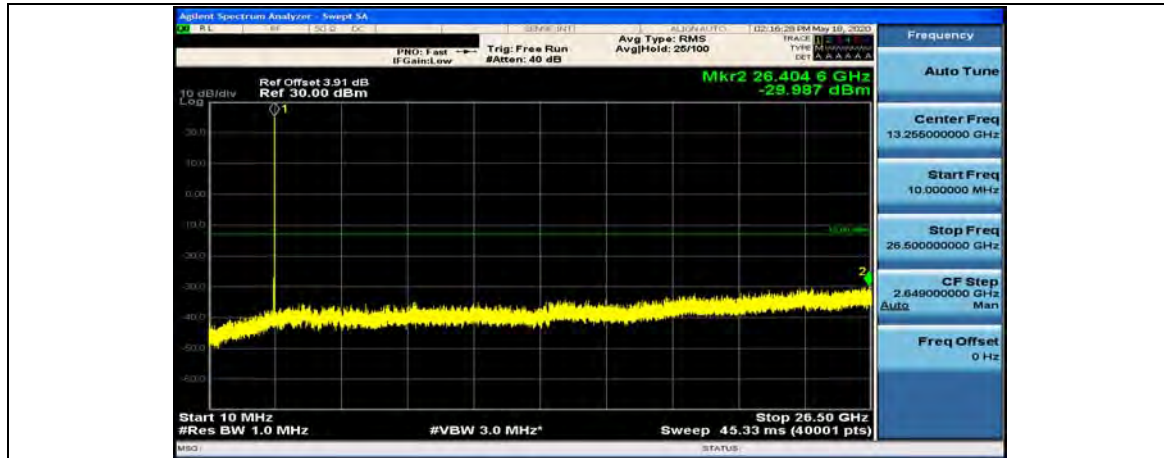
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

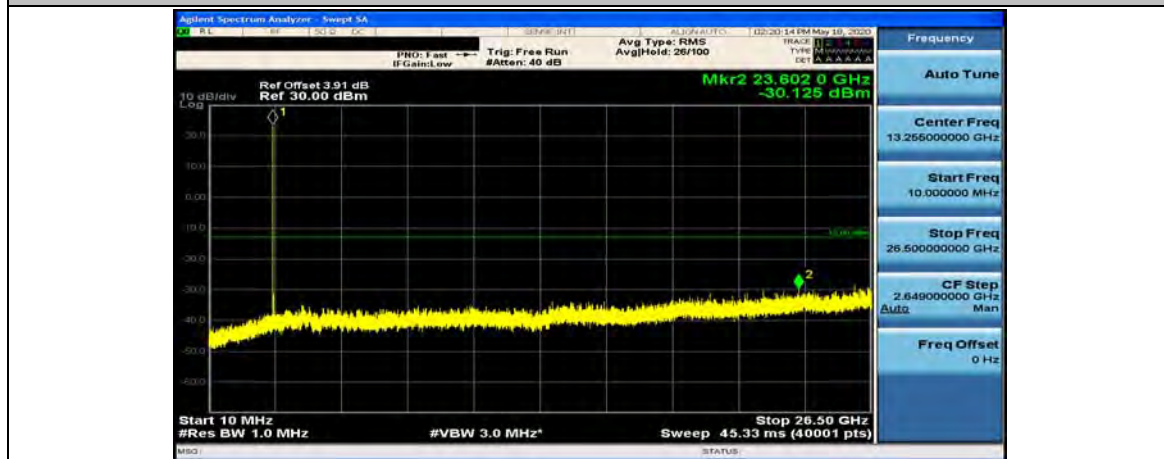


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

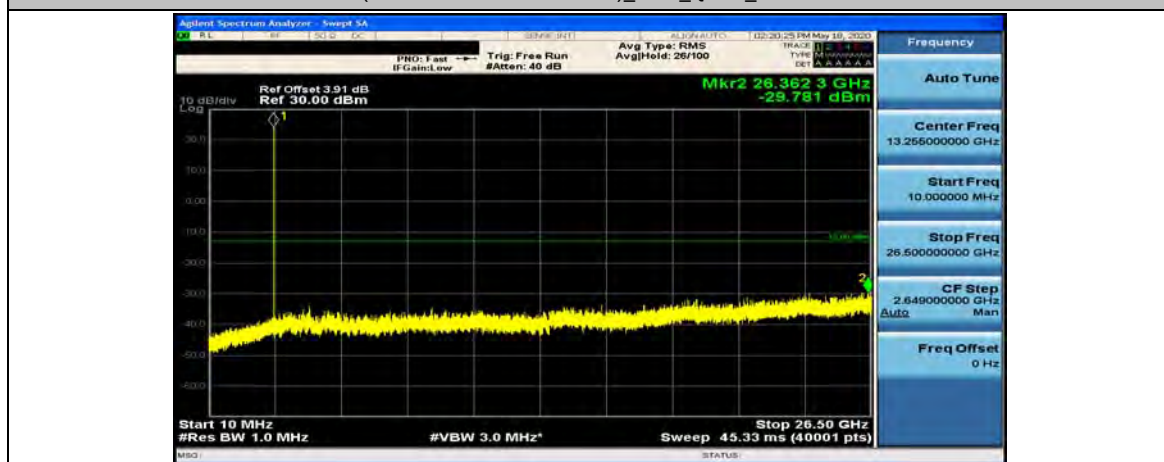


Channel Bandwidth: 10 MHz

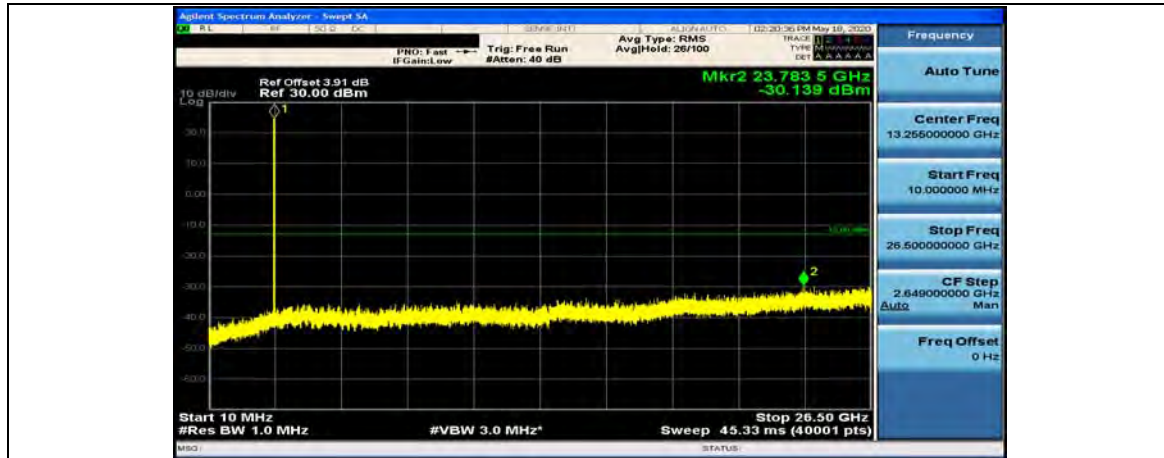
(Channel Bandwidth: 10 MHz)_LCH_QPSK_1RB#0



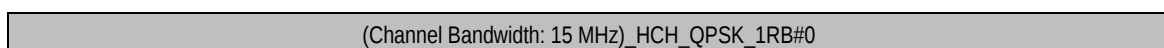
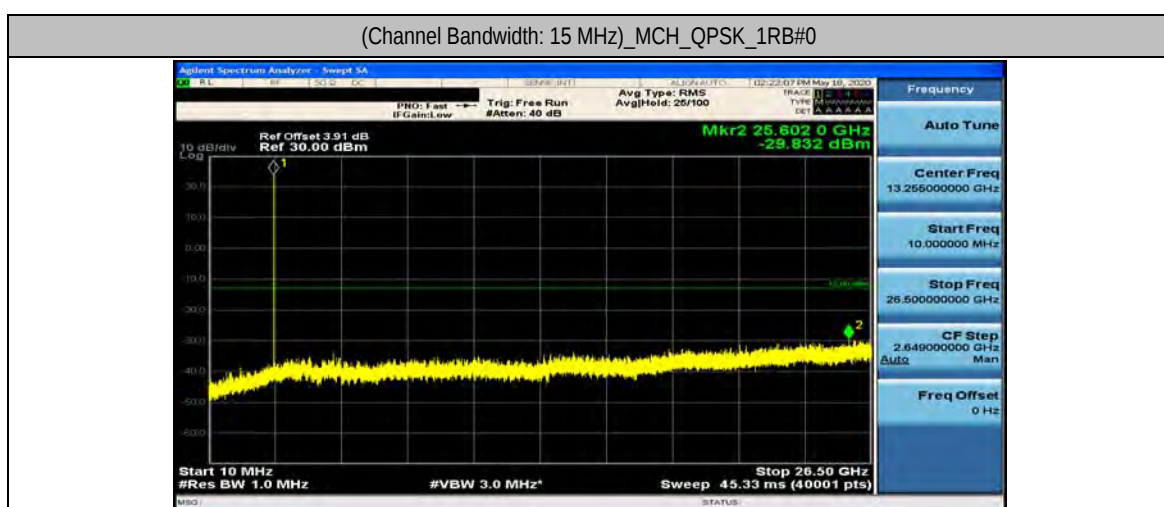
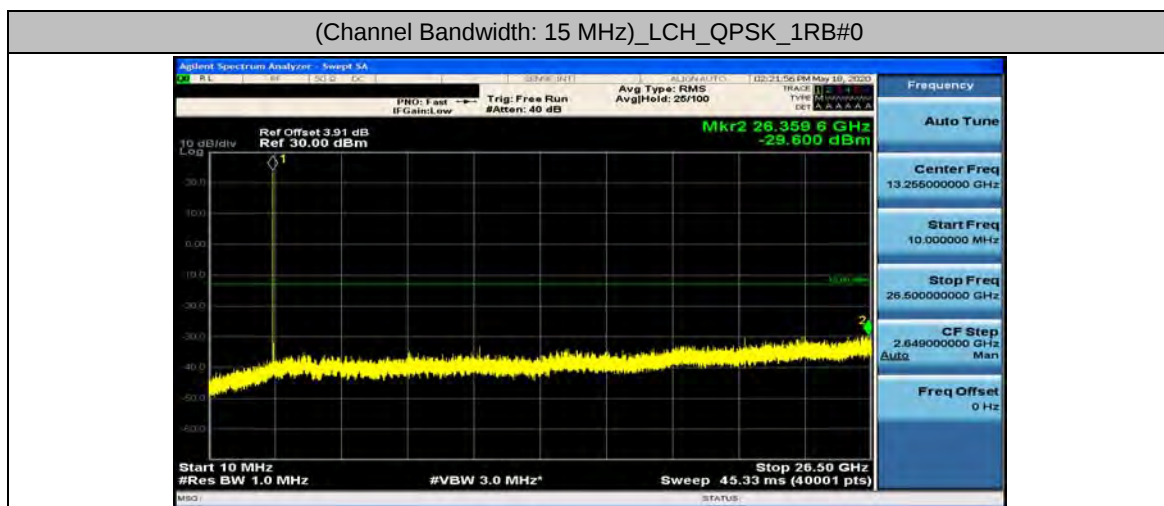
(Channel Bandwidth: 10 MHz)_MCH_QPSK_1RB#0

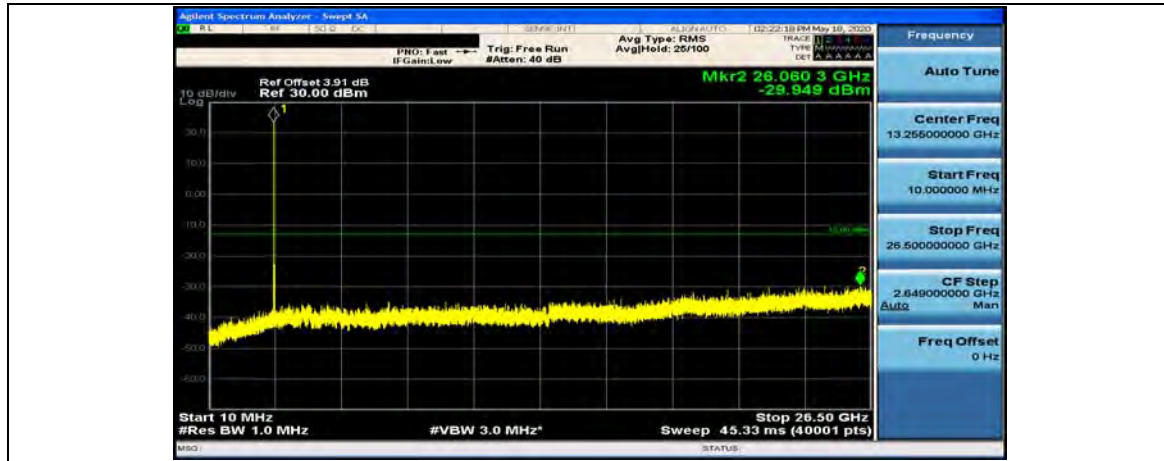


(Channel Bandwidth: 10 MHz)_HCH_QPSK_1RB#0



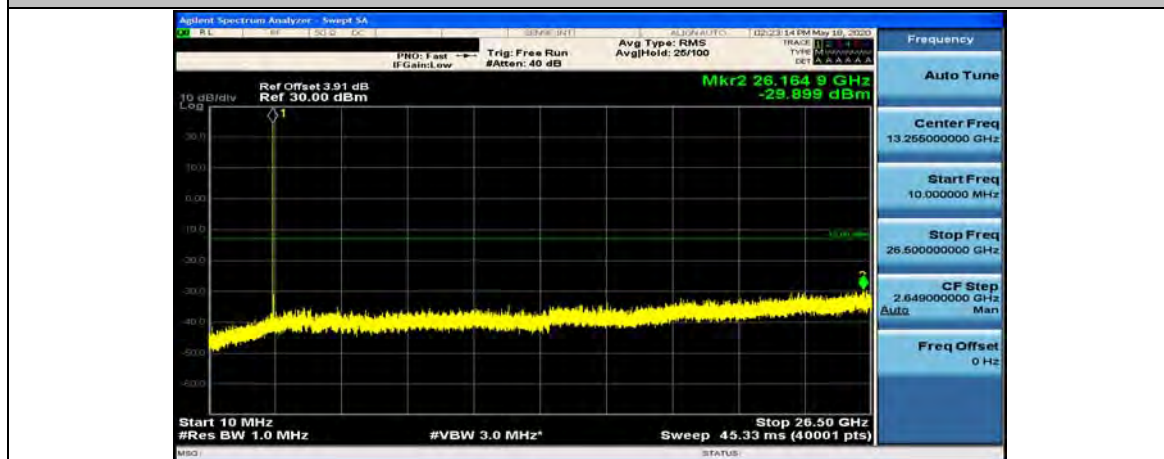
Channel Bandwidth: 15 MHz



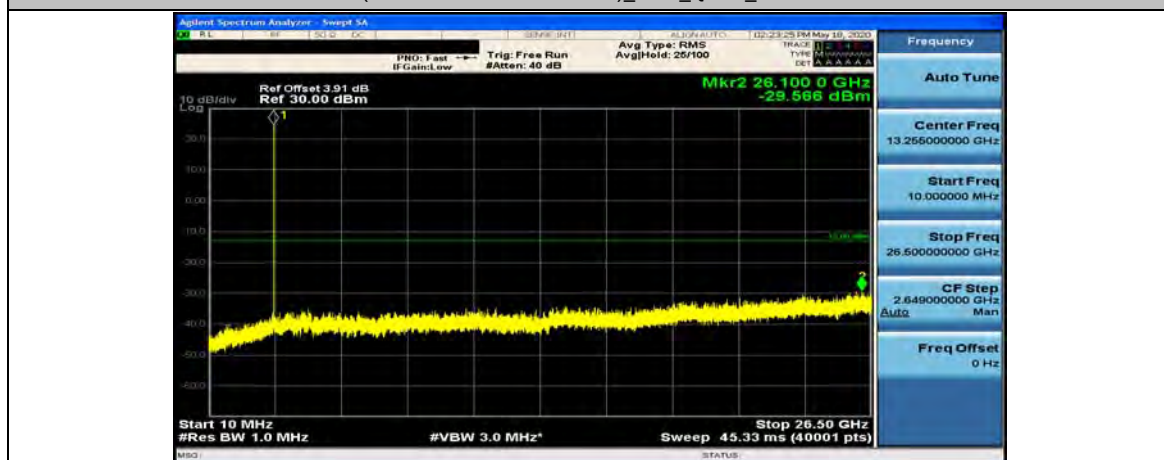


Channel Bandwidth: 20 MHz

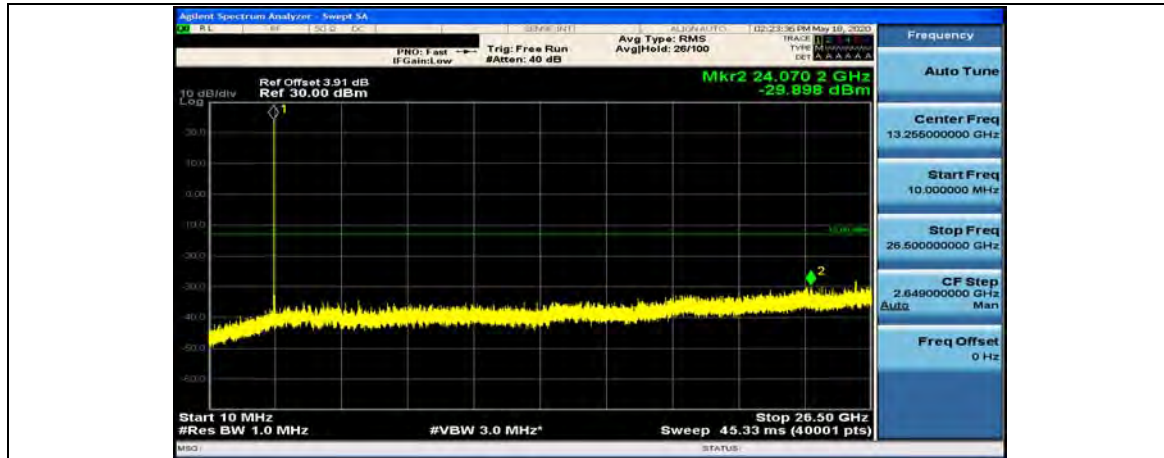
(Channel Bandwidth: 20 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 20 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 20 MHz)_HCH_QPSK_1RB#0



Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	13.10	0.005092	± 2.5	PASS
		VN	TN	7.70	0.002993	± 2.5	PASS
		VH	TN	6.30	0.002449	± 2.5	PASS
	MCH	VL	TN	0.30	0.000116	± 2.5	PASS
		VN	TN	10.10	0.003892	± 2.5	PASS
		VH	TN	-4.70	-0.001811	± 2.5	PASS
	HCH	VL	TN	8.20	0.003133	± 2.5	PASS
		VN	TN	1.60	0.000611	± 2.5	PASS
		VH	TN	4.70	0.001796	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	8.00	0.003110	± 2.5	PASS
		VN	-20	2.10	0.000816	± 2.5	PASS
		VN	-10	10.20	0.003965	± 2.5	PASS
		VN	0	1.90	0.000739	± 2.5	PASS
		VN	10	8.20	0.003188	± 2.5	PASS
		VN	20	9.50	0.003693	± 2.5	PASS
		VN	30	-1.50	-0.000583	± 2.5	PASS
		VN	40	3.20	0.001244	± 2.5	PASS
		VN	50	-1.90	-0.000739	± 2.5	PASS
	MCH	VN	-30	10.00	0.003854	± 2.5	PASS
		VN	-20	7.40	0.002852	± 2.5	PASS
		VN	-10	3.70	0.001426	± 2.5	PASS
		VN	0	-1.80	-0.000694	± 2.5	PASS

		VN	10	-1.70	-0.000655	± 2.5	PASS
		VN	20	-3.10	-0.001195	± 2.5	PASS
		VN	30	-3.20	-0.001233	± 2.5	PASS
		VN	40	2.40	0.000925	± 2.5	PASS
		VN	50	4.70	0.001811	± 2.5	PASS
	HCH	VN	-30	-3.40	-0.001299	± 2.5	PASS
		VN	-20	-3.80	-0.001452	± 2.5	PASS
		VN	-10	6.10	0.002330	± 2.5	PASS
		VN	0	0.50	0.000191	± 2.5	PASS
		VN	10	-3.90	-0.001490	± 2.5	PASS
		VN	20	2.30	0.000879	± 2.5	PASS
		VN	30	4.10	0.001566	± 2.5	PASS
		VN	40	4.50	0.001719	± 2.5	PASS
		VN	50	6.60	0.002521	± 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	14.90	0.005786	± 2.5	PASS
		VN	TN	1.30	0.000505	± 2.5	PASS
		VH	TN	0.10	0.000039	± 2.5	PASS
	MCH	VL	TN	-4.10	-0.001580	± 2.5	PASS
		VN	TN	-0.10	-0.000039	± 2.5	PASS
		VH	TN	0.90	0.000347	± 2.5	PASS
	HCH	VL	TN	1.60	0.000612	± 2.5	PASS
		VN	TN	-10.60	-0.004054	± 2.5	PASS
		VH	TN	3.00	0.001147	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.30	0.000893	± 2.5	PASS
		VN	-20	11.90	0.004621	± 2.5	PASS
		VN	-10	0.50	0.000194	± 2.5	PASS
		VN	0	4.30	0.001670	± 2.5	PASS
		VN	10	-0.30	-0.000117	± 2.5	PASS
		VN	20	1.00	0.000388	± 2.5	PASS
		VN	30	2.00	0.000777	± 2.5	PASS
		VN	40	6.30	0.002447	± 2.5	PASS
		VN	50	8.70	0.003379	± 2.5	PASS
	MCH	VN	-30	7.90	0.003044	± 2.5	PASS
		VN	-20	-2.70	-0.001040	± 2.5	PASS
		VN	-10	7.30	0.002813	± 2.5	PASS
		VN	0	-3.30	-0.001272	± 2.5	PASS
		VN	10	3.50	0.001349	± 2.5	PASS
		VN	20	7.30	0.002813	± 2.5	PASS
VN		30	-7.60	-0.002929	± 2.5	PASS	

		VN	40	-4.00	-0.001541	± 2.5	PASS
		VN	50	-3.70	-0.001426	± 2.5	PASS
	HCH	VN	-30	-6.50	-0.002486	± 2.5	PASS
		VN	-20	0.10	0.000038	± 2.5	PASS
		VN	-10	-10.90	-0.004168	± 2.5	PASS
		VN	0	-7.80	-0.002983	± 2.5	PASS
		VN	10	-3.30	-0.001262	± 2.5	PASS
		VN	20	-1.20	-0.000459	± 2.5	PASS
		VN	30	1.40	0.000535	± 2.5	PASS
		VN	40	-0.40	-0.000153	± 2.5	PASS
		VN	50	0.20	0.000076	± 2.5	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-15.70	-0.006091	± 2.5	PASS
		VN	TN	-3.90	-0.001513	± 2.5	PASS
		VH	TN	-10.70	-0.004151	± 2.5	PASS
	MCH	VL	TN	-1.80	-0.000694	± 2.5	PASS
		VN	TN	-1.30	-0.000501	± 2.5	PASS
		VH	TN	-5.50	-0.002119	± 2.5	PASS
	HCH	VL	TN	7.20	0.002756	± 2.5	PASS
		VN	TN	12.20	0.004670	± 2.5	PASS
		VH	TN	4.90	0.001876	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-12.40	-0.004811	± 2.5	PASS
		VN	-20	-6.10	-0.002367	± 2.5	PASS
		VN	-10	-1.90	-0.000737	± 2.5	PASS
		VN	0	-7.20	-0.002793	± 2.5	PASS
		VN	10	-11.20	-0.004345	± 2.5	PASS
		VN	20	-7.10	-0.002755	± 2.5	PASS
		VN	30	-14.10	-0.005470	± 2.5	PASS
		VN	40	-6.50	-0.002522	± 2.5	PASS
		VN	50	-1.60	-0.000621	± 2.5	PASS
	MCH	VN	-30	-7.80	-0.003006	± 2.5	PASS
		VN	-20	-5.90	-0.002274	± 2.5	PASS
		VN	-10	7.30	0.002813	± 2.5	PASS
		VN	0	3.70	0.001426	± 2.5	PASS
		VN	10	0.30	0.000116	± 2.5	PASS
		VN	20	-2.80	-0.001079	± 2.5	PASS
		VN	30	-3.40	-0.001310	± 2.5	PASS
		VN	40	-2.00	-0.000771	± 2.5	PASS
		VN	50	7.00	0.002697	± 2.5	PASS
	HCH	VN	-30	8.20	0.003139	± 2.5	PASS

		VN	-20	10.20	0.003904	± 2.5	PASS
		VN	-10	12.10	0.004632	± 2.5	PASS
		VN	0	12.10	0.004632	± 2.5	PASS
		VN	10	6.40	0.002450	± 2.5	PASS
		VN	20	3.70	0.001416	± 2.5	PASS
		VN	30	3.00	0.001148	± 2.5	PASS
		VN	40	9.30	0.003560	± 2.5	PASS
		VN	50	4.60	0.001761	± 2.5	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	6.70	0.002597	± 2.5	PASS
		VN	TN	1.40	0.000543	± 2.5	PASS
		VH	TN	-3.60	-0.001395	± 2.5	PASS
	MCH	VL	TN	4.10	0.001580	± 2.5	PASS
		VN	TN	2.90	0.001118	± 2.5	PASS
		VH	TN	8.00	0.003083	± 2.5	PASS
	HCH	VL	TN	-4.60	-0.001762	± 2.5	PASS
		VN	TN	-5.90	-0.002261	± 2.5	PASS
		VH	TN	-0.60	-0.000230	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.30	0.001279	± 2.5	PASS
		VN	-20	2.10	0.000814	± 2.5	PASS
		VN	-10	1.60	0.000620	± 2.5	PASS
		VN	0	-4.60	-0.001783	± 2.5	PASS
		VN	10	2.30	0.000891	± 2.5	PASS
		VN	20	-2.90	-0.001124	± 2.5	PASS
		VN	30	-7.20	-0.002791	± 2.5	PASS
		VN	40	2.50	0.000969	± 2.5	PASS
		VN	50	0.00	0.000000	± 2.5	PASS
	MCH	VN	-30	-1.90	-0.000732	± 2.5	PASS
		VN	-20	5.60	0.002158	± 2.5	PASS
		VN	-10	-0.60	-0.000231	± 2.5	PASS
		VN	0	-2.00	-0.000771	± 2.5	PASS
		VN	10	2.90	0.001118	± 2.5	PASS
		VN	20	-4.30	-0.001657	± 2.5	PASS
		VN	30	6.80	0.002620	± 2.5	PASS
		VN	40	-1.40	-0.000539	± 2.5	PASS
		VN	50	-2.60	-0.001002	± 2.5	PASS
	HCH	VN	-30	5.50	0.002107	± 2.5	PASS
		VN	-20	4.30	0.001648	± 2.5	PASS
		VN	-10	-5.10	-0.001954	± 2.5	PASS
		VN	0	0.20	0.000077	± 2.5	PASS



		VN	10	2.30	0.000881	± 2.5	PASS
		VN	20	6.60	0.002529	± 2.5	PASS
		VN	30	4.30	0.001648	± 2.5	PASS
		VN	40	6.10	0.002337	± 2.5	PASS
		VN	50	6.80	0.002605	± 2.5	PASS