



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	24.18	PASS
		1	12	24.16	PASS
		1	24	24.15	PASS
		12	0	23.21	PASS
		12	6	23.25	PASS
		12	13	23.25	PASS
		25	0	23.26	PASS
	MCH	1	0	23.97	PASS
		1	12	23.99	PASS
		1	24	23.99	PASS
		12	0	23.12	PASS
		12	6	23.15	PASS
		12	13	23.14	PASS
		25	0	23.10	PASS
	HCH	1	0	24.05	PASS
		1	12	24.05	PASS
		1	24	24.06	PASS
		12	0	23.09	PASS
		12	6	23.14	PASS
		12	13	23.12	PASS
		25	0	23.12	PASS
16QAM	LCH	1	0	23.57	PASS
		1	12	23.56	PASS
		1	24	23.56	PASS
		12	0	22.38	PASS
		12	6	22.41	PASS
		12	13	22.42	PASS
		25	0	22.37	PASS
	MCH	1	0	23.28	PASS
		1	12	23.28	PASS
		1	24	23.29	PASS
		12	0	22.21	PASS

		12	6	22.23	PASS
		12	13	22.20	PASS
		25	0	22.14	PASS
	HCH	1	0	23.44	PASS
		1	12	23.43	PASS
		1	24	23.44	PASS
		12	0	22.31	PASS
		12	6	22.30	PASS
		12	13	22.31	PASS
		25	0	22.22	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.20	PASS
		1	24	24.19	PASS
		1	49	24.17	PASS
		25	0	23.24	PASS
		25	12	23.26	PASS
		25	25	23.27	PASS
		50	0	23.24	PASS
	MCH	1	0	23.99	PASS
		1	24	24.03	PASS
		1	49	24.04	PASS
		25	0	23.09	PASS
		25	12	23.15	PASS
		25	25	23.12	PASS
		50	0	23.16	PASS
	HCH	1	0	24.08	PASS
		1	24	24.05	PASS
		1	49	24.08	PASS
		25	0	23.11	PASS
		25	12	23.16	PASS
		25	25	23.13	PASS
		50	0	23.17	PASS
16QAM	LCH	1	0	23.58	PASS
		1	24	23.55	PASS
		1	49	23.56	PASS
		25	0	22.34	PASS
		25	12	22.37	PASS

		25	25	22.38	PASS
		50	0	22.39	PASS
	MCH	1	0	23.29	PASS
		1	24	23.26	PASS
		1	49	23.29	PASS
		25	0	22.12	PASS
		25	12	22.16	PASS
		25	25	22.16	PASS
		50	0	22.23	PASS
	HCH	1	0	23.48	PASS
		1	24	23.43	PASS
		1	49	23.45	PASS
		25	0	22.25	PASS
		25	12	22.27	PASS
		25	25	22.24	PASS
		50	0	22.30	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.26	PASS
		1	37	24.20	PASS
		1	74	24.10	PASS
		36	0	23.33	PASS
		36	19	23.34	PASS
		36	39	23.19	PASS
		75	0	23.19	PASS
	MCH	1	0	24.01	PASS
		1	37	24.02	PASS
		1	74	24.06	PASS
		36	0	23.14	PASS
		36	19	23.16	PASS
		36	39	23.13	PASS
		75	0	23.13	PASS
	HCH	1	0	24.14	PASS
		1	37	24.09	PASS
		1	74	24.11	PASS
		36	0	23.19	PASS
		36	19	23.24	PASS
		36	39	23.19	PASS

		75	0	23.19	PASS
16QAM	LCH	1	0	23.66	PASS
		1	37	23.57	PASS
		1	74	23.47	PASS
		36	0	22.49	PASS
		36	19	22.49	PASS
		36	39	22.35	PASS
		75	0	22.34	PASS
	MCH	1	0	23.28	PASS
		1	37	23.27	PASS
		1	74	23.30	PASS
		36	0	22.21	PASS
		36	19	22.24	PASS
		36	39	22.23	PASS
		75	0	22.22	PASS
	HCH	1	0	23.53	PASS
		1	37	23.49	PASS
		1	74	23.48	PASS
		36	0	22.38	PASS
		36	19	22.40	PASS
		36	39	22.34	PASS
		75	0	22.35	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.27	PASS
		1	49	24.20	PASS
		1	99	24.07	PASS
		50	0	23.33	PASS
		50	25	23.23	PASS
		50	50	23.22	PASS
		100	0	23.20	PASS
	MCH	1	0	24.03	PASS
		1	49	24.00	PASS
		1	99	24.01	PASS
		50	0	23.16	PASS
		50	25	23.18	PASS
		50	50	23.18	PASS
		100	0	23.19	PASS



	HCH	1	0	24.12	PASS
		1	49	24.11	PASS
		1	99	24.09	PASS
		50	0	23.17	PASS
		50	25	23.20	PASS
		50	50	23.15	PASS
		100	0	23.19	PASS
16QAM	LCH	1	0	23.70	PASS
		1	49	23.57	PASS
		1	99	23.42	PASS
		50	0	22.41	PASS
		50	25	22.31	PASS
		50	50	22.27	PASS
		100	0	22.37	PASS
	MCH	1	0	23.30	PASS
		1	49	23.30	PASS
		1	99	23.29	PASS
		50	0	22.24	PASS
		50	25	22.26	PASS
		50	50	22.27	PASS
		100	0	22.28	PASS
	HCH	1	0	23.54	PASS
		1	49	23.46	PASS
		1	99	23.46	PASS
		50	0	22.32	PASS
		50	25	22.30	PASS
		50	50	22.27	PASS
		100	0	22.38	PASS

Appendix B: Peak-to-Average Ratio

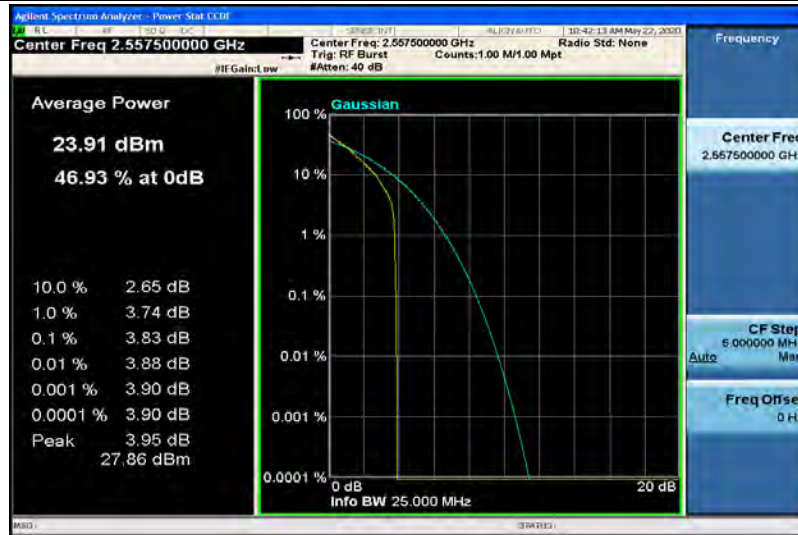
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	40265	1RB#0	3.83	13	PASS
Band41	5MHz	QPSK	40740	1RB#0	3.21	13	PASS
Band41	5MHz	QPSK	41215	1RB#0	3.84	13	PASS
Band41	5MHz	16QAM	40265	1RB#0	5.21	13	PASS
Band41	5MHz	16QAM	40740	1RB#0	4.37	13	PASS
Band41	5MHz	16QAM	41215	1RB#0	5.26	13	PASS
Band41	10MHz	QPSK	40290	1RB#0	3.69	13	PASS
Band41	10MHz	QPSK	40740	1RB#0	3.16	13	PASS
Band41	10MHz	QPSK	41190	1RB#0	3.77	13	PASS
Band41	10MHz	16QAM	40290	1RB#0	5.19	13	PASS
Band41	10MHz	16QAM	40740	1RB#0	4.29	13	PASS
Band41	10MHz	16QAM	41190	1RB#0	5.29	13	PASS
Band41	15MHz	QPSK	40315	1RB#0	3.74	13	PASS
Band41	15MHz	QPSK	40740	1RB#0	3.12	13	PASS
Band41	15MHz	QPSK	41165	1RB#0	3.74	13	PASS
Band41	15MHz	16QAM	40315	1RB#0	5.16	13	PASS
Band41	15MHz	16QAM	40740	1RB#0	4.25	13	PASS
Band41	15MHz	16QAM	41165	1RB#0	5.24	13	PASS
Band41	20MHz	QPSK	40340	1RB#0	3.92	13	PASS
Band41	20MHz	QPSK	40740	1RB#0	3.15	13	PASS
Band41	20MHz	QPSK	41140	1RB#0	3.68	13	PASS
Band41	20MHz	16QAM	40340	1RB#0	5.14	13	PASS
Band41	20MHz	16QAM	40740	1RB#0	4.35	13	PASS
Band41	20MHz	16QAM	41140	1RB#0	5.14	13	PASS

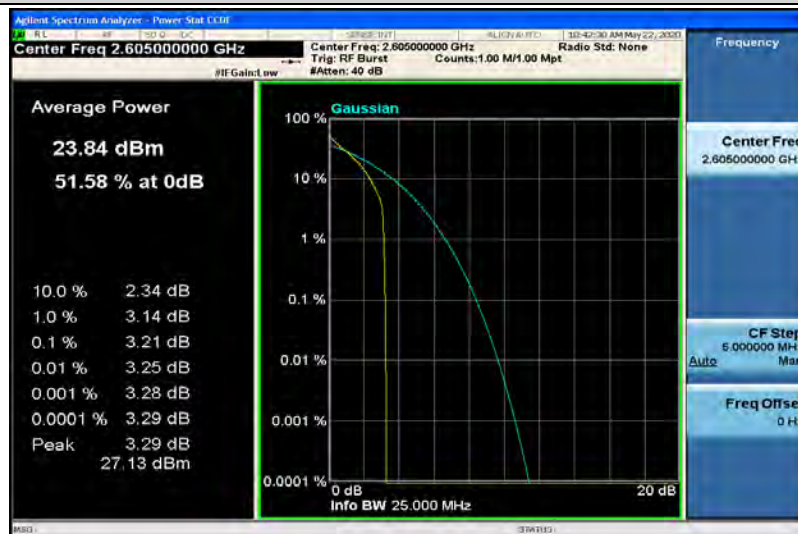


Test Graphs

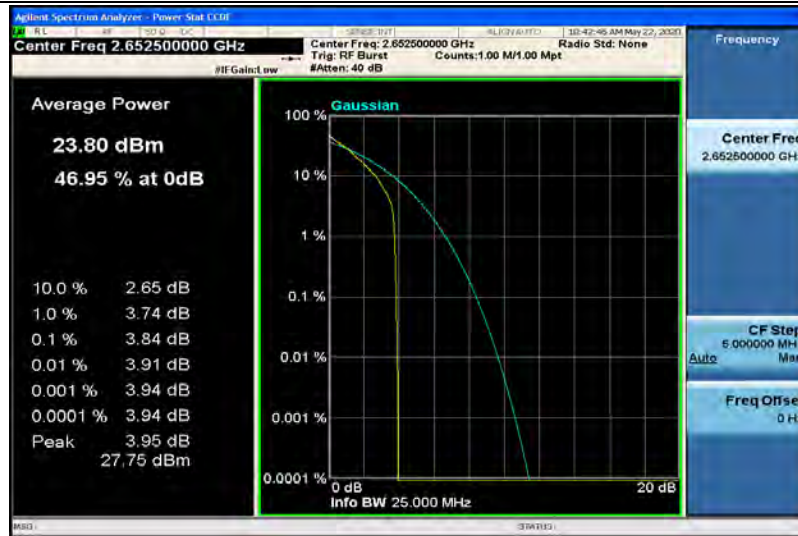
Band41-5MHz-QPSK-40265-1RB#0



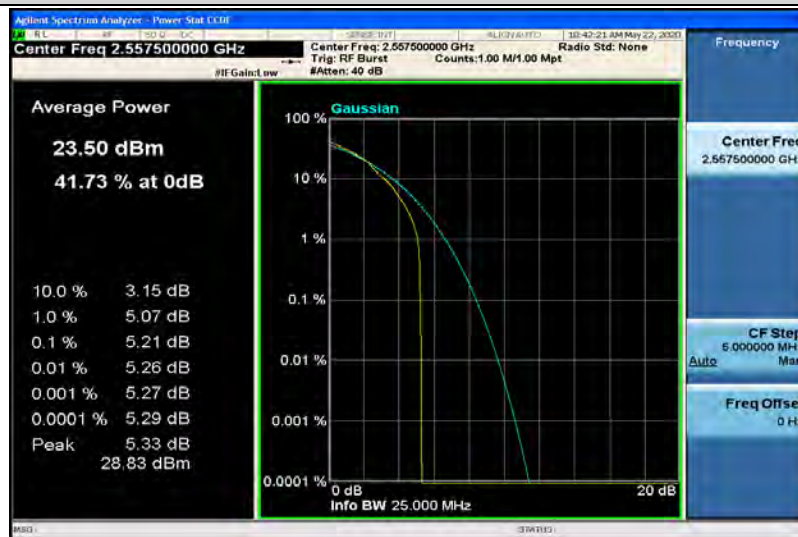
Band41-5MHz-QPSK-40740-1RB#0



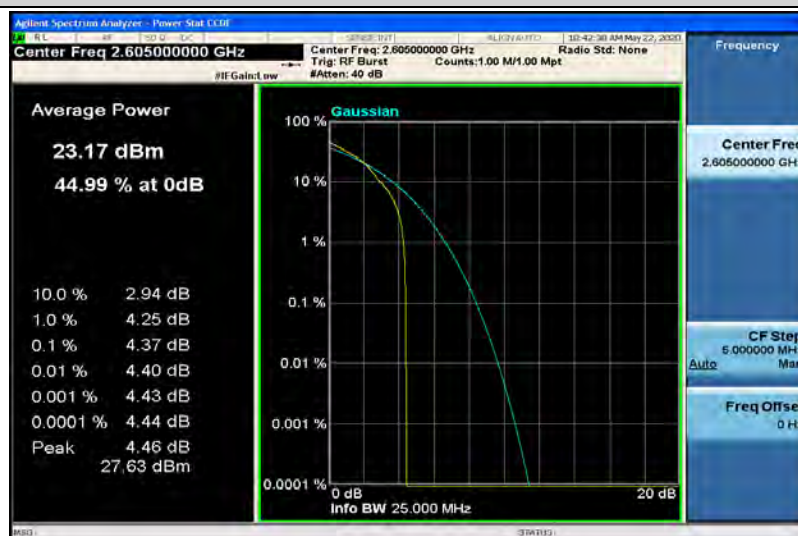
Band41-5MHz-QPSK-41215-1RB#0



Band41-5MHz-16QAM-40265-1RB#0



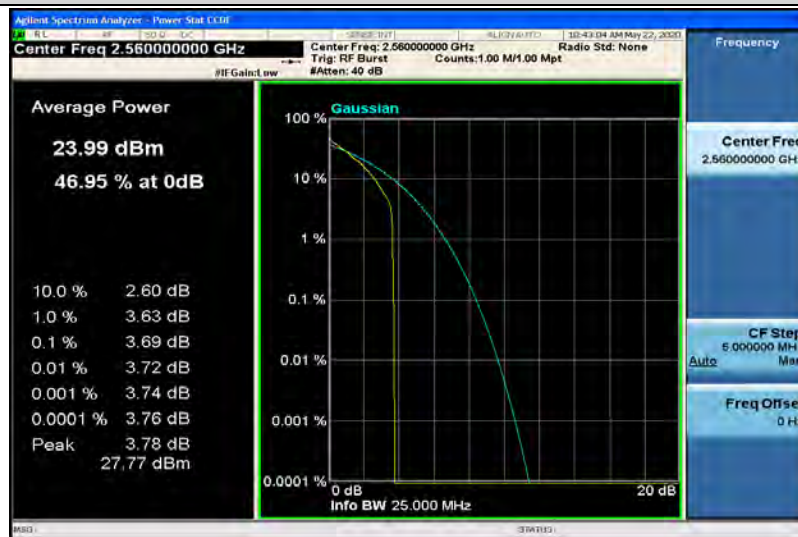
Band41-5MHz-16QAM-40740-1RB#0



Band41-5MHz-16QAM-41215-1RB#0



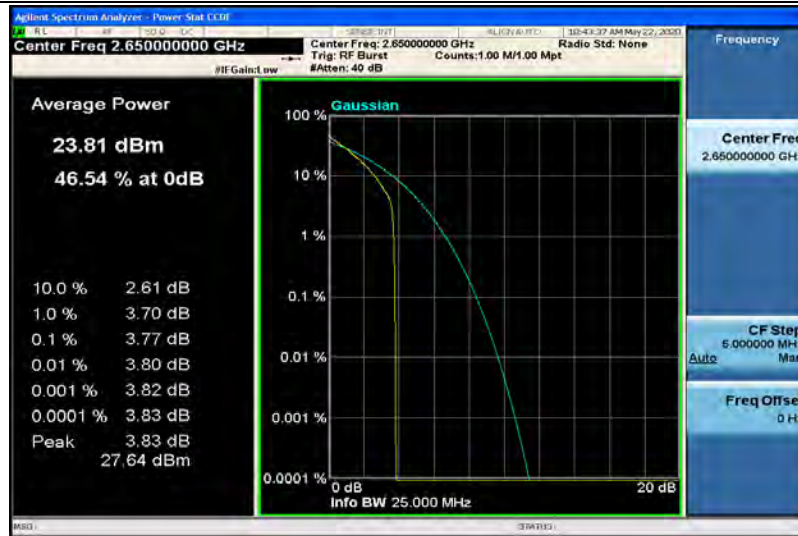
Band41-10MHz-QPSK-40290-1RB#0



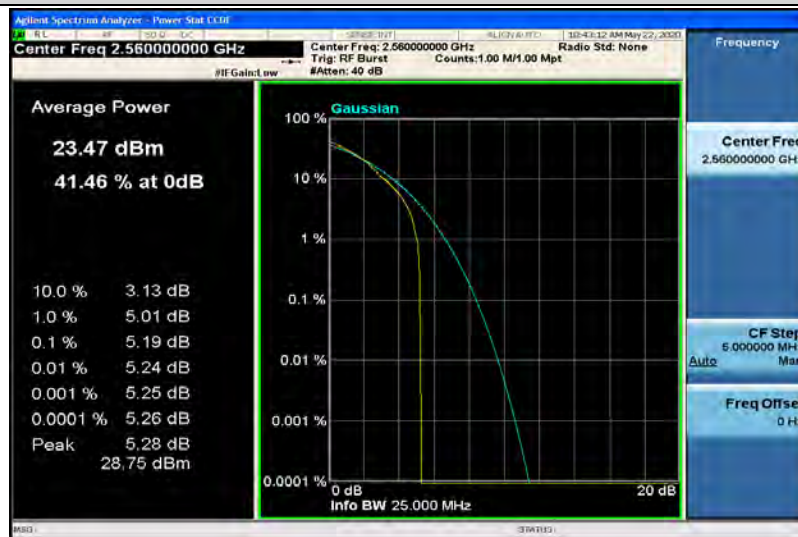
Band41-10MHz-QPSK-40740-1RB#0



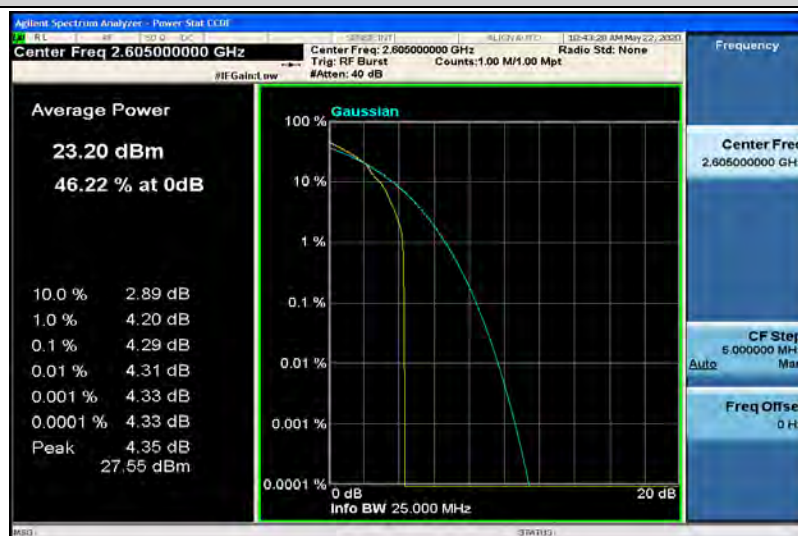
Band41-10MHz-QPSK-41190-1RB#0



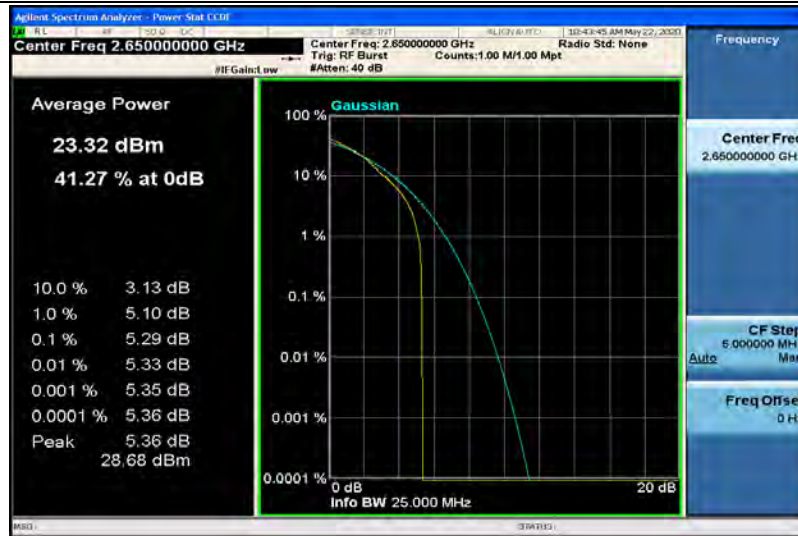
Band41-10MHz-16QAM-40290-1RB#0



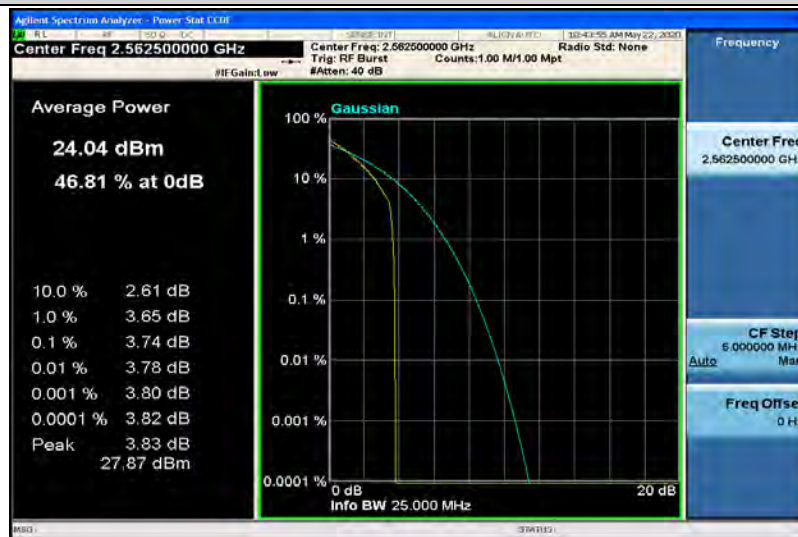
Band41-10MHz-16QAM-40740-1RB#0



Band41-10MHz-16QAM-41190-1RB#0



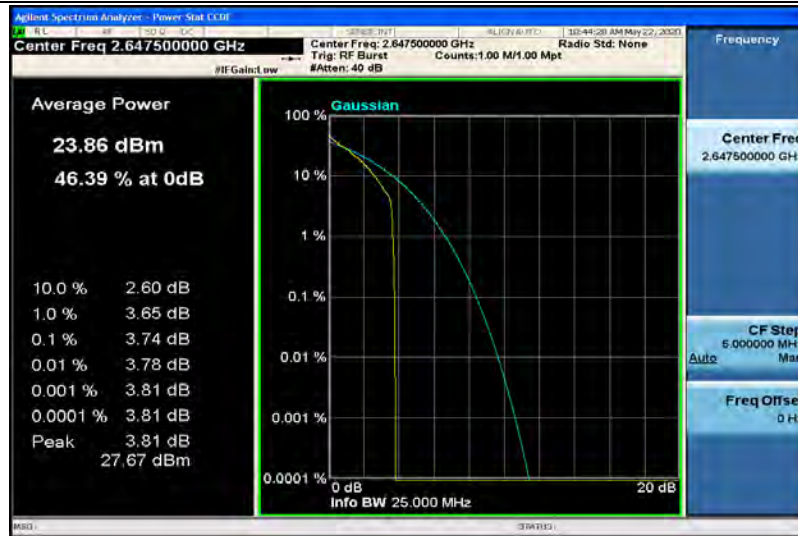
Band41-15MHz-QPSK-40315-1RB#0



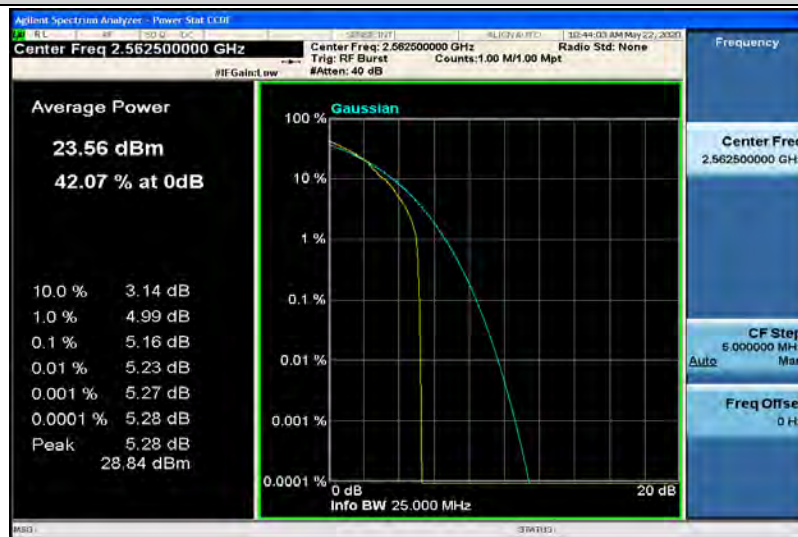
Band41-15MHz-QPSK-40740-1RB#0



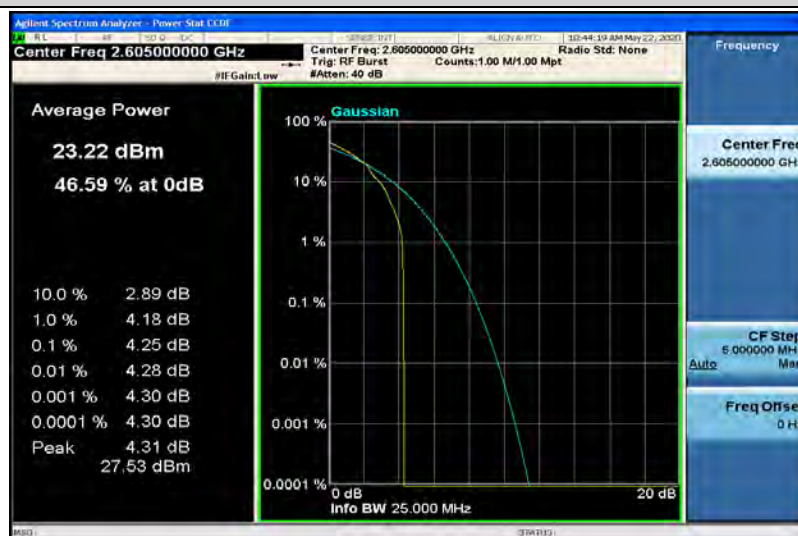
Band41-15MHz-QPSK-41165-1RB#0



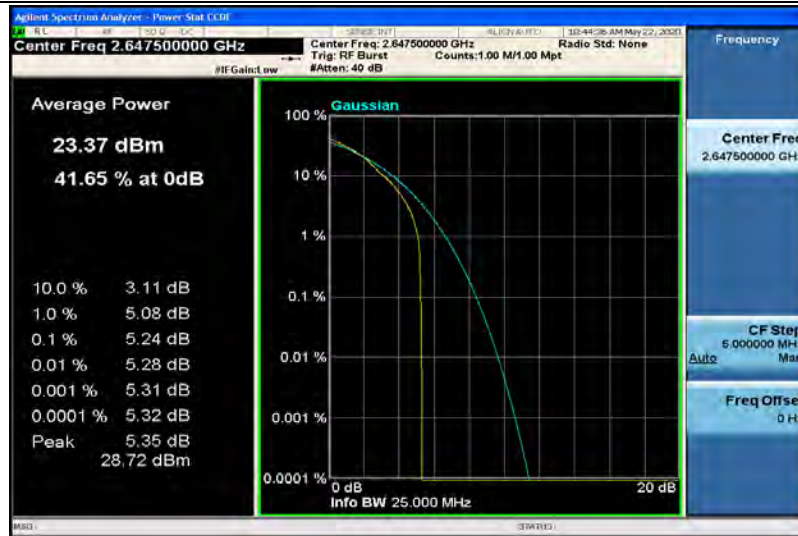
Band41-15MHz-16QAM-40315-1RB#0



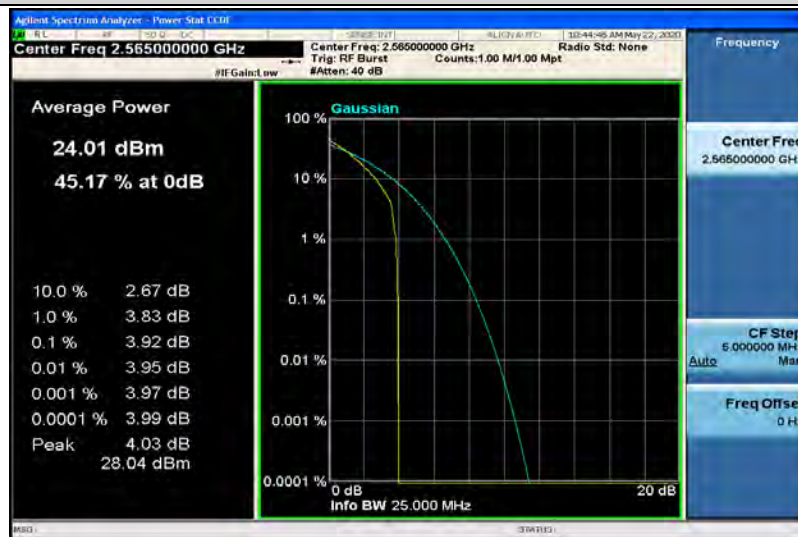
Band41-15MHz-16QAM-40740-1RB#0



Band41-15MHz-16QAM-41165-1RB#0



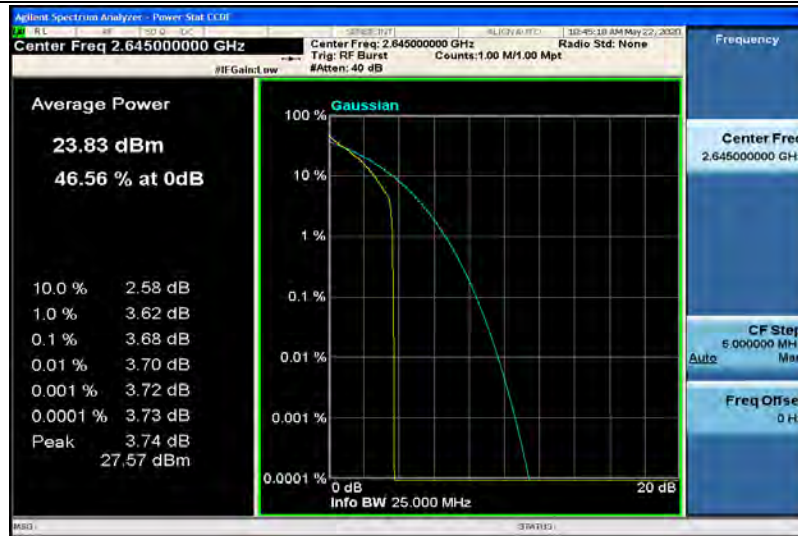
Band41-20MHz-QPSK-40340-1RB#0



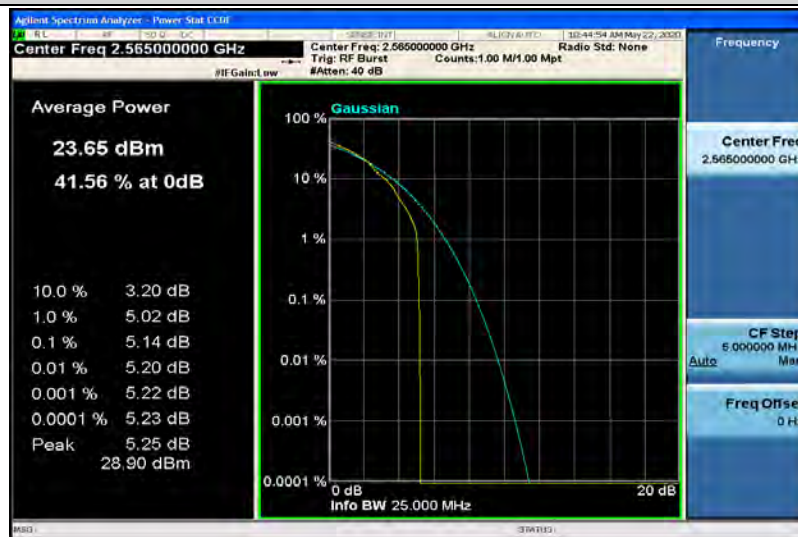
Band41-20MHz-QPSK-40740-1RB#0



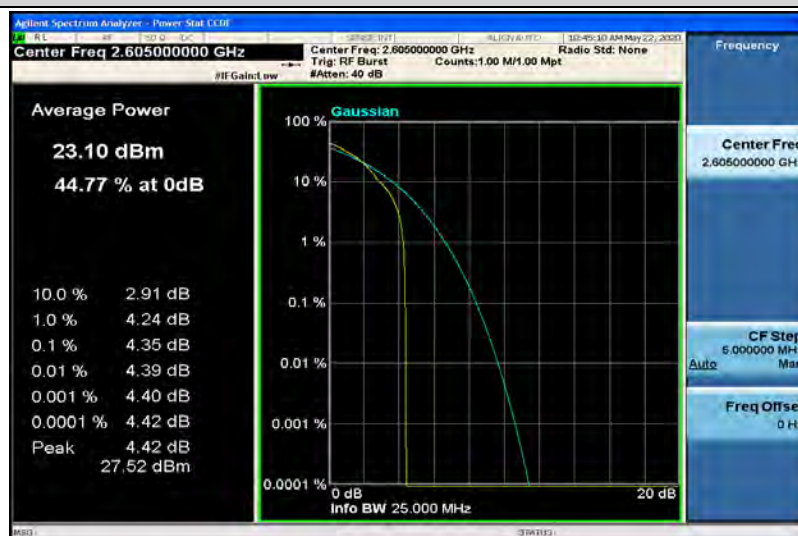
Band41-20MHz-QPSK-41140-1RB#0



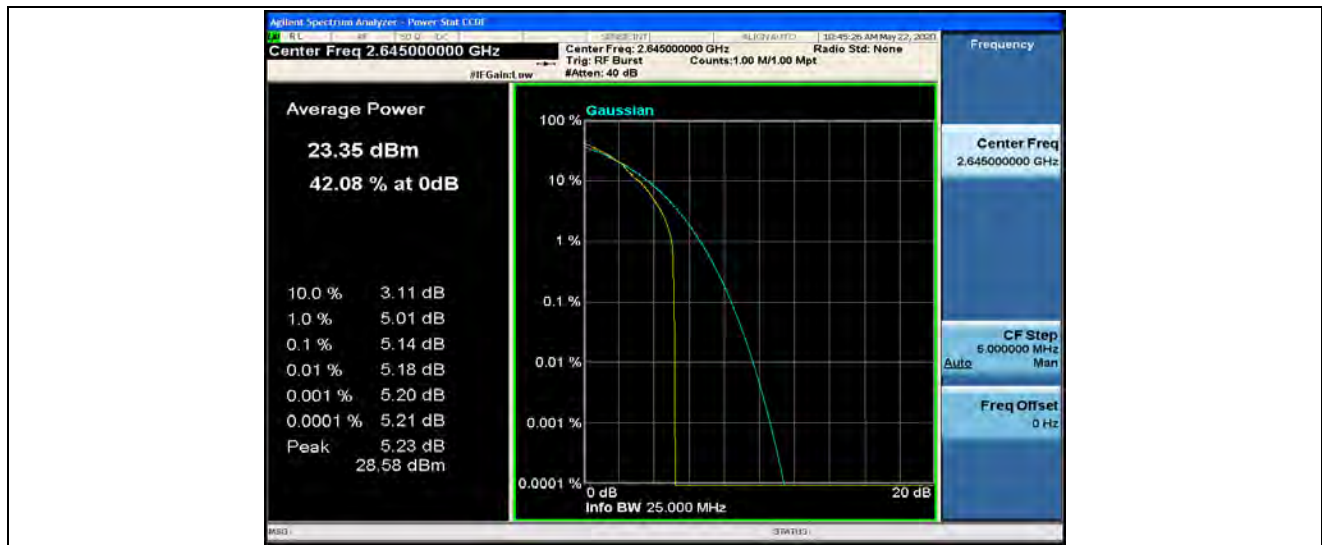
Band41-20MHz-16QAM-40340-1RB#0



Band41-20MHz-16QAM-40740-1RB#0



Band41-20MHz-16QAM-41140-1RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

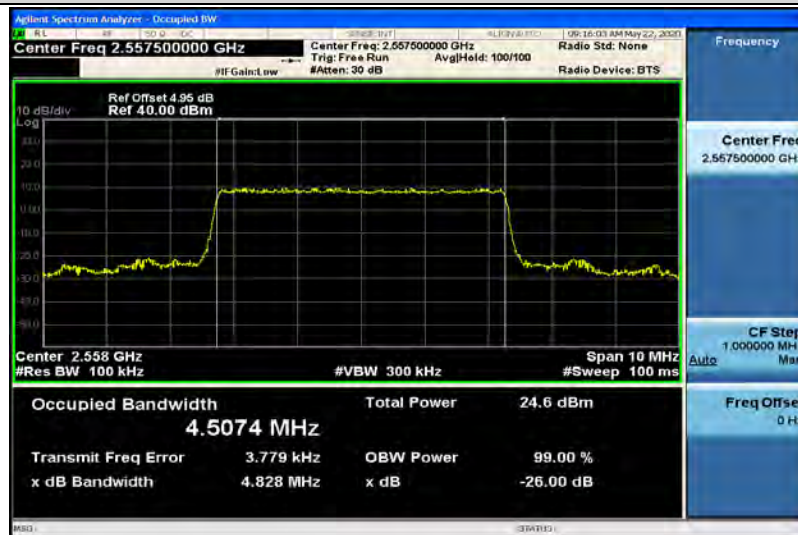
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	40265	25RB#0	4.5074	4.828	PASS
Band41	5MHz	QPSK	40740	25RB#0	4.4984	4.824	PASS
Band41	5MHz	QPSK	41215	25RB#0	4.5005	4.861	PASS
Band41	5MHz	16QAM	40265	25RB#0	4.5200	4.876	PASS
Band41	5MHz	16QAM	40740	25RB#0	4.5200	4.823	PASS
Band41	5MHz	16QAM	41215	25RB#0	4.5237	4.955	PASS
Band41	10MHz	QPSK	40290	50RB#0	8.9646	9.507	PASS
Band41	10MHz	QPSK	40740	50RB#0	8.9525	9.497	PASS
Band41	10MHz	QPSK	41190	50RB#0	8.9657	9.520	PASS
Band41	10MHz	16QAM	40290	50RB#0	8.9794	9.528	PASS
Band41	10MHz	16QAM	40740	50RB#0	8.9753	9.520	PASS
Band41	10MHz	16QAM	41190	50RB#0	8.9869	9.522	PASS
Band41	15MHz	QPSK	40315	75RB#0	13.455	14.28	PASS
Band41	15MHz	QPSK	40740	75RB#0	13.441	14.29	PASS
Band41	15MHz	QPSK	41165	75RB#0	13.459	14.29	PASS
Band41	15MHz	16QAM	40315	75RB#0	13.456	14.26	PASS
Band41	15MHz	16QAM	40740	75RB#0	13.438	14.24	PASS
Band41	15MHz	16QAM	41165	75RB#0	13.468	14.24	PASS
Band41	20MHz	QPSK	40340	100RB#0	17.900	18.96	PASS
Band41	20MHz	QPSK	40740	100RB#0	17.866	18.96	PASS
Band41	20MHz	QPSK	41140	100RB#0	17.907	19.01	PASS
Band41	20MHz	16QAM	40340	100RB#0	17.896	18.94	PASS
Band41	20MHz	16QAM	40740	100RB#0	17.862	18.93	PASS
Band41	20MHz	16QAM	41140	100RB#0	17.916	18.95	PASS

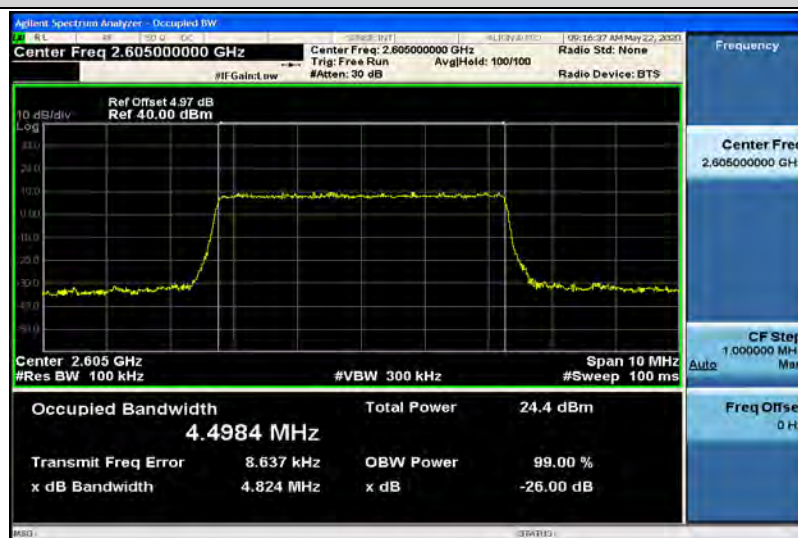


Test Graphs

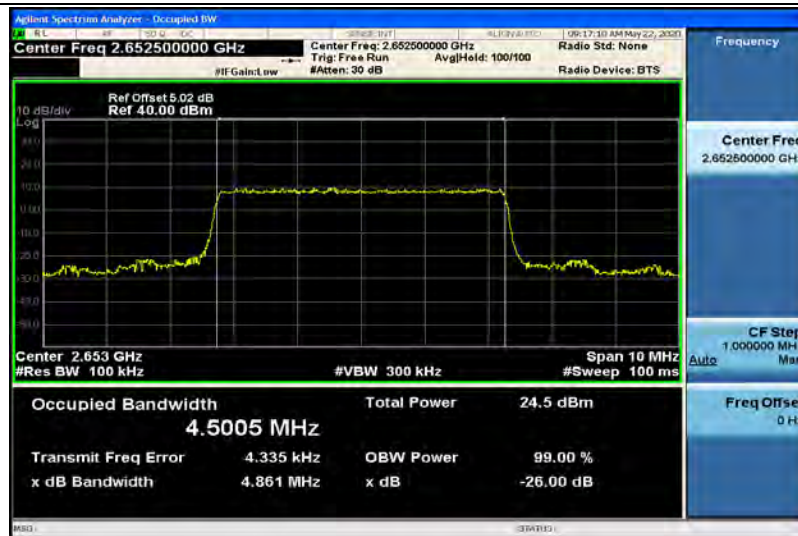
Band41-5MHz-QPSK-40265-25RB#0-4.5074



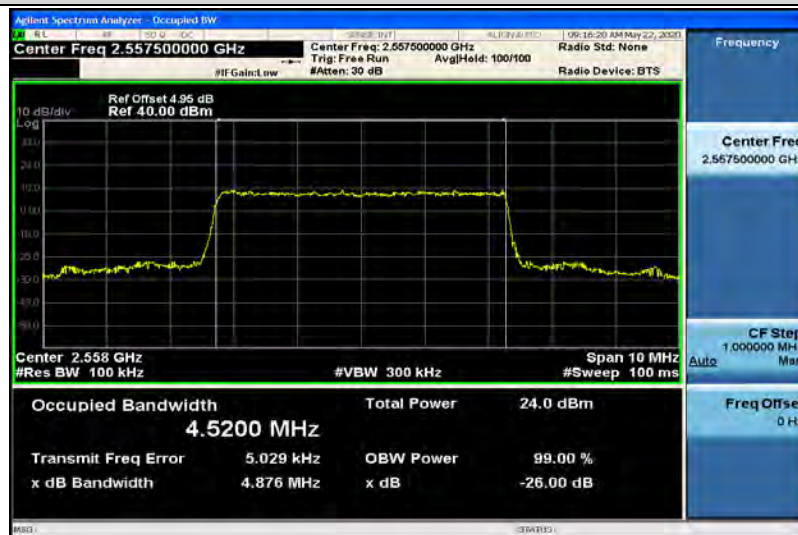
Band41-5MHz-QPSK-40740-25RB#0-4.4984



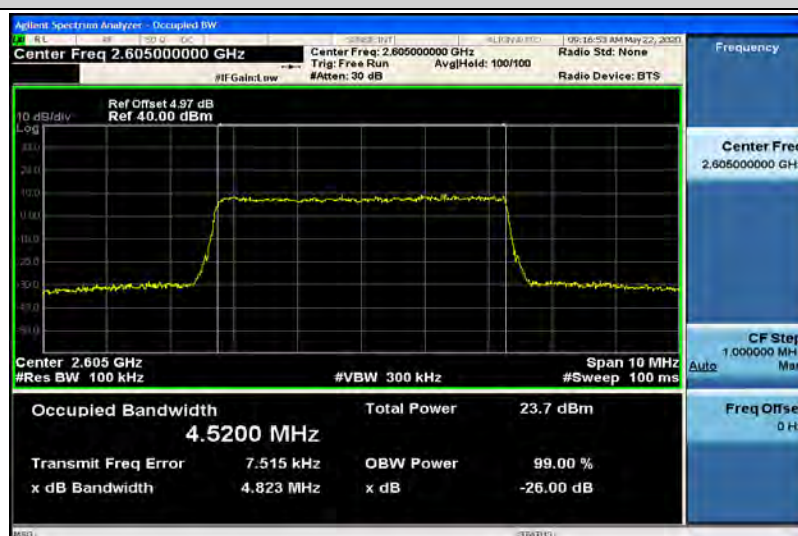
Band41-5MHz-QPSK-41215-25RB#0-4.5005



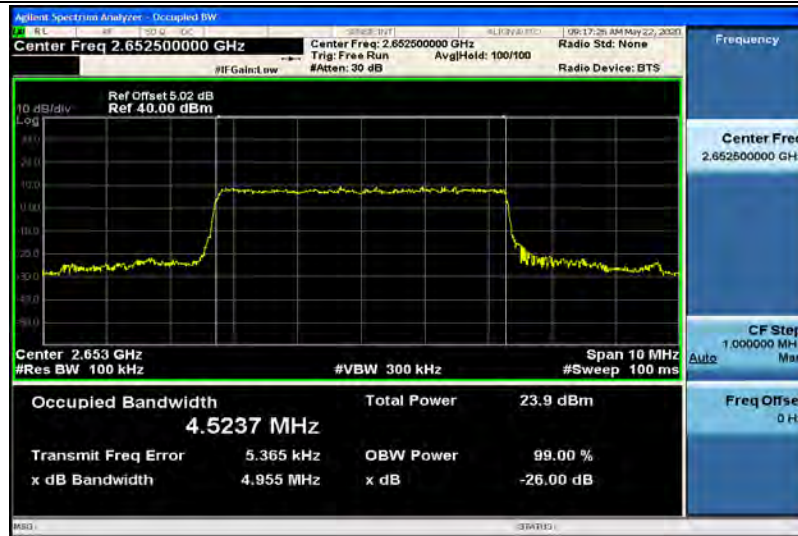
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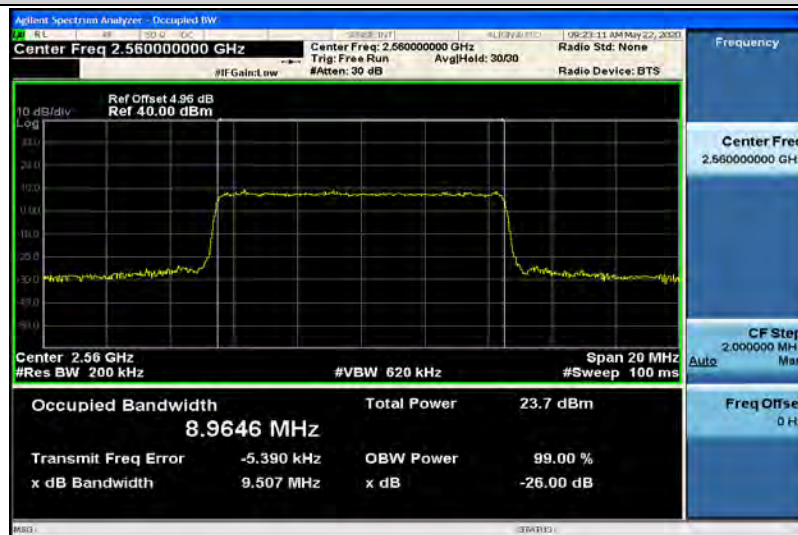
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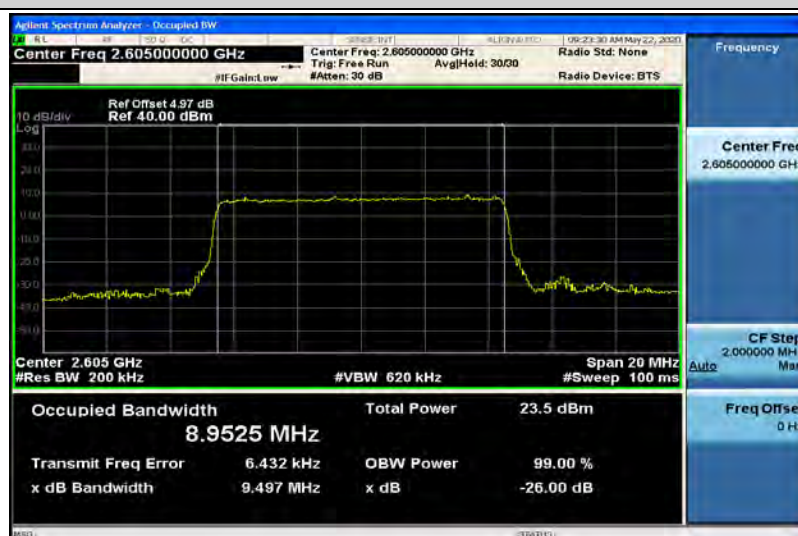
Band41-5MHz-16QAM-41215-25RB#0-4.5237



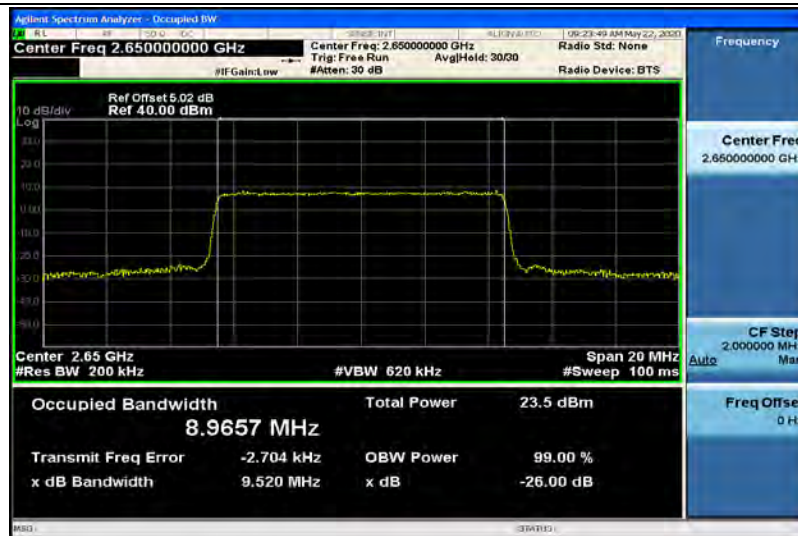
Band41-10MHz-QPSK-40290-50RB#0-8.9646



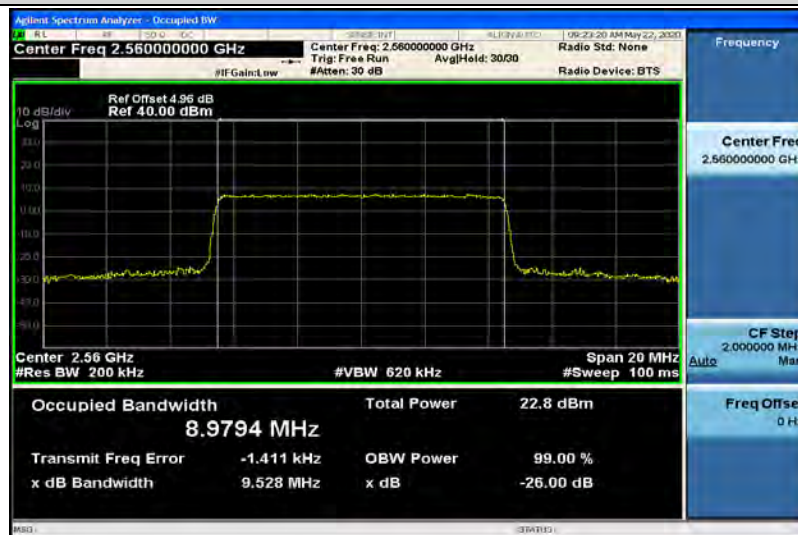
Band41-10MHz-QPSK-40740-50RB#0-8.9525



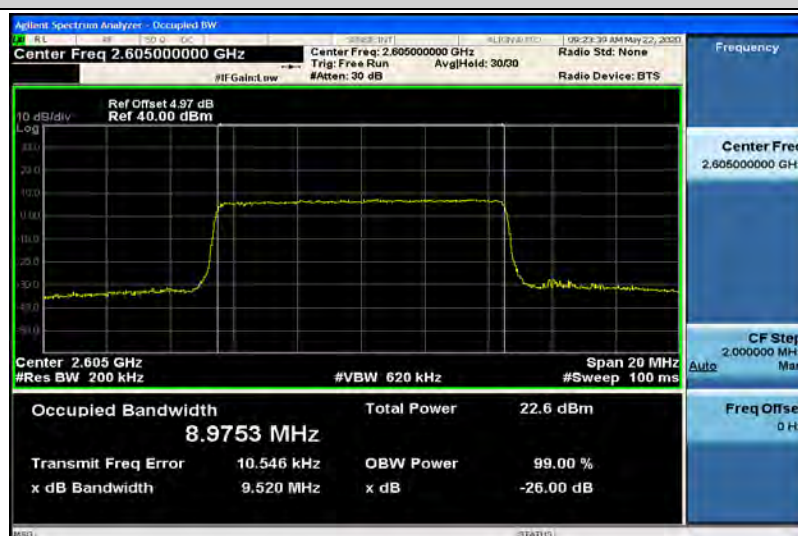
Band41-10MHz-QPSK-41190-50RB#0-8.9657



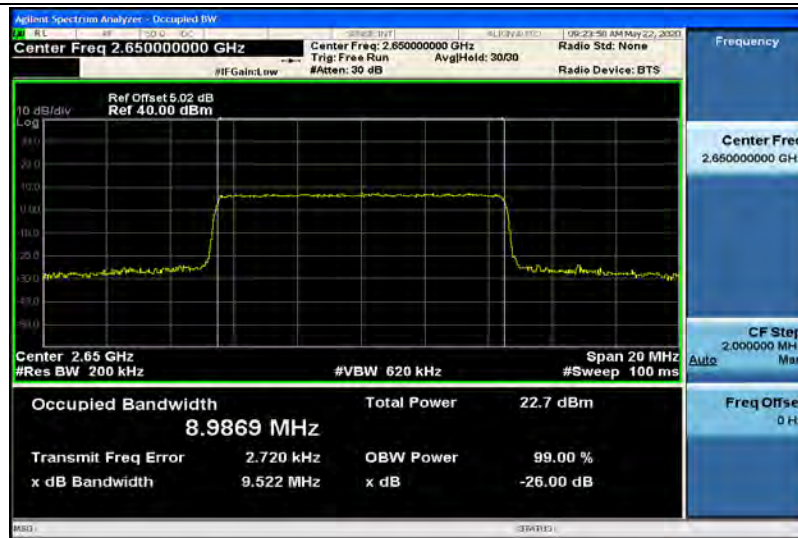
Band41-10MHz-16QAM-40290-50RB#0-8.9794



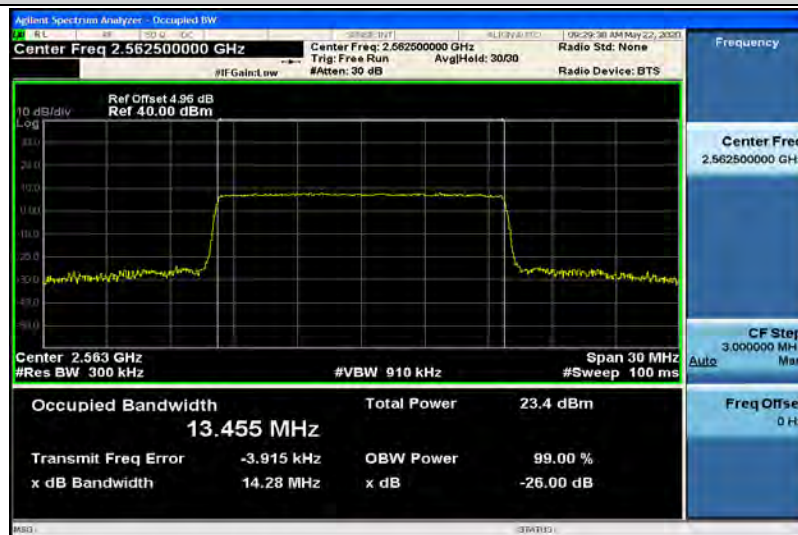
Band41-10MHz-16QAM-40740-50RB#0-8.9753



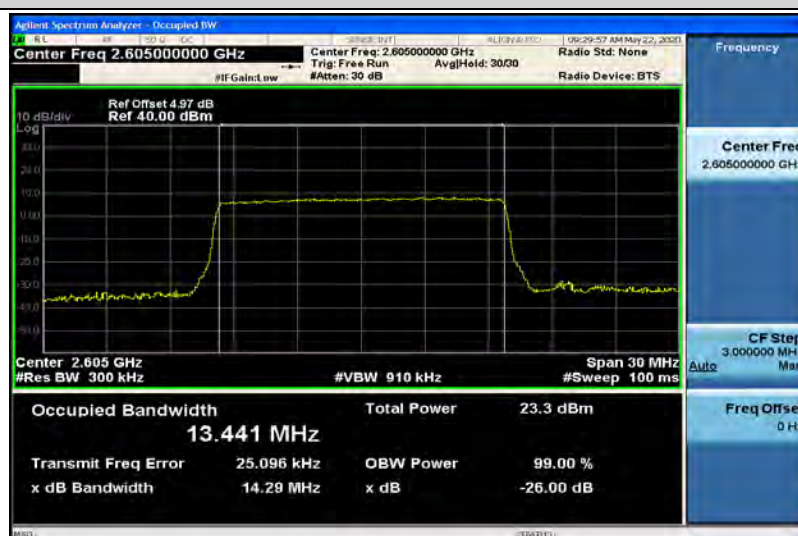
Band41-10MHz-16QAM-41190-50RB#0-8.9869



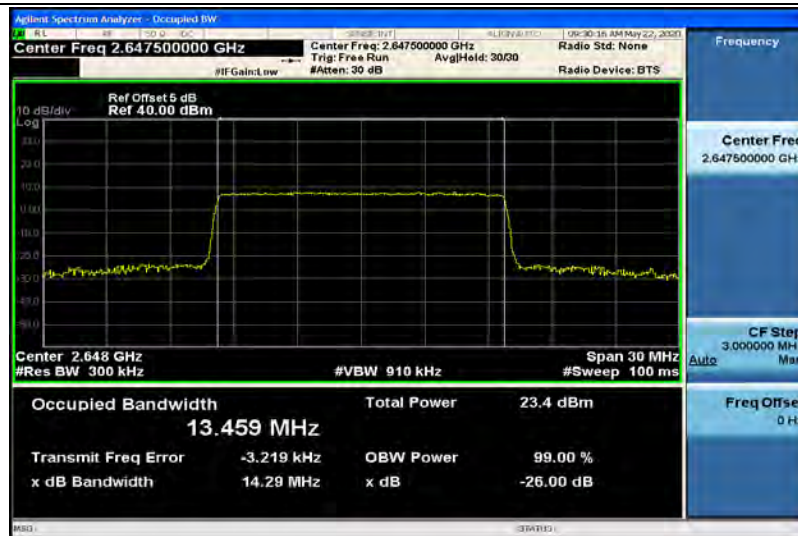
Band41-15MHz-QPSK-40315-75RB#0-13.455



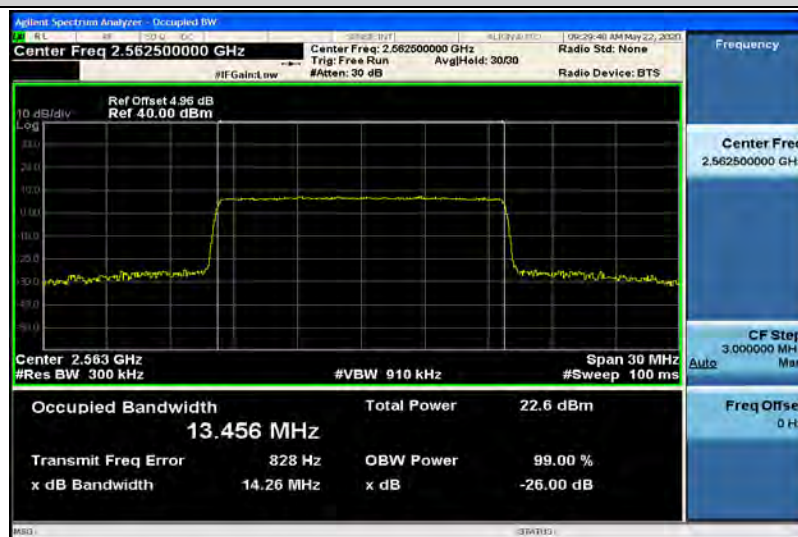
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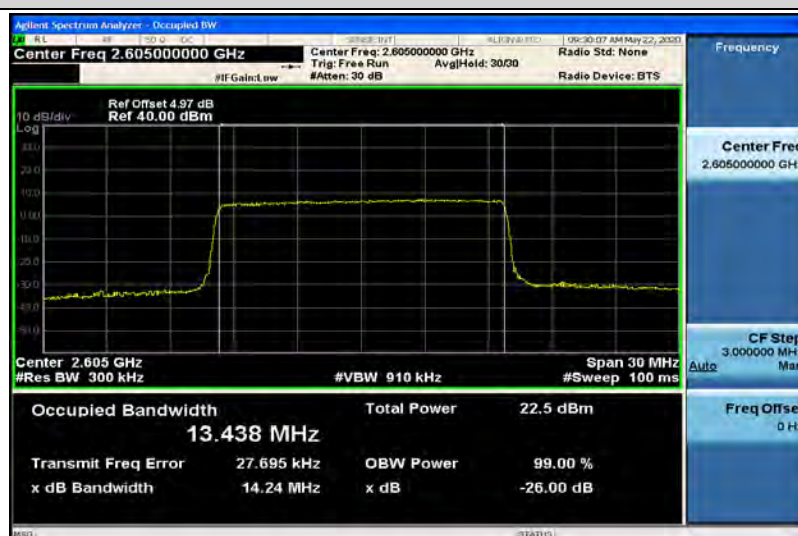
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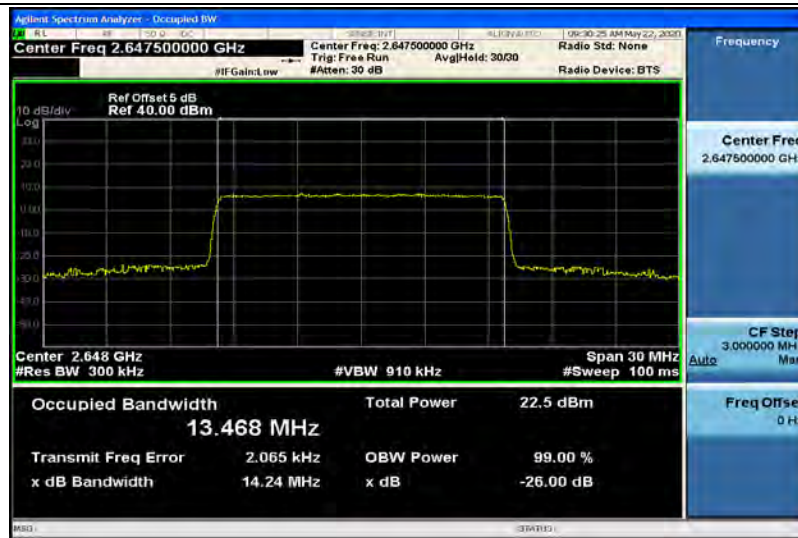
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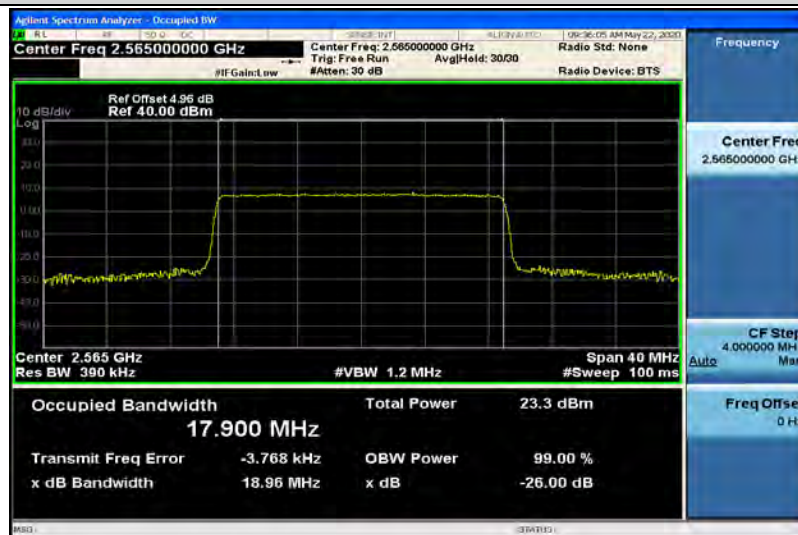
Band41-15MHz-16QAM-40740-75RB#0-13.438



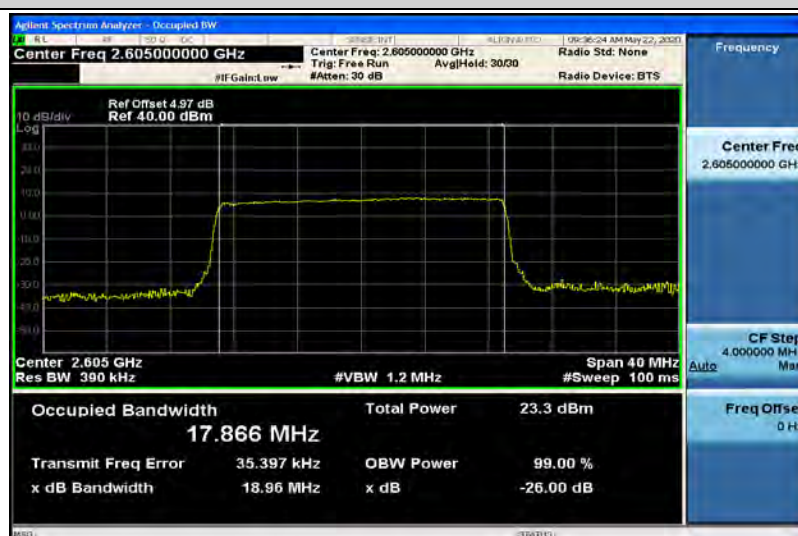
Band41-15MHz-16QAM-41165-75RB#0-13.468



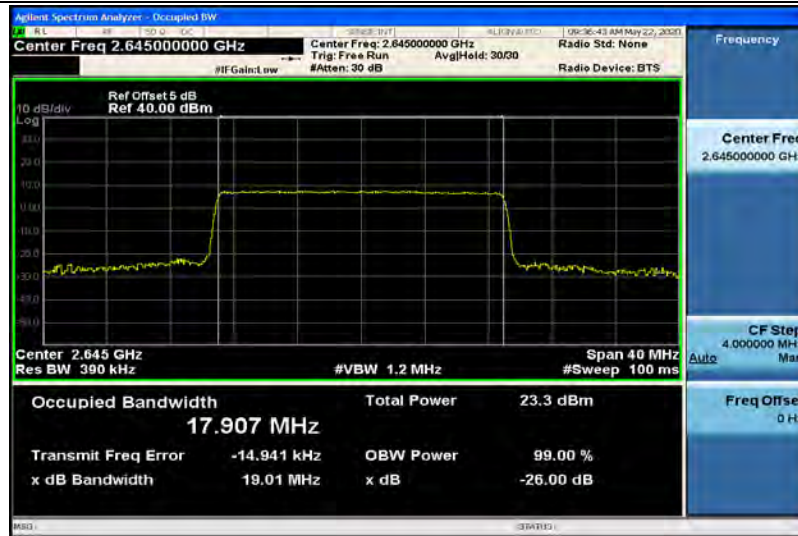
Band41-20MHz-QPSK-40340-100RB#0-17.900



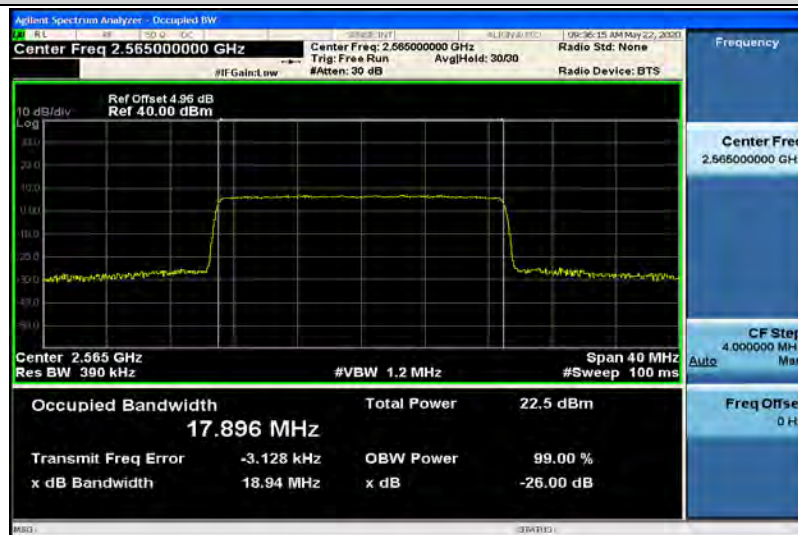
Band41-20MHz-QPSK-40740-100RB#0-17.866



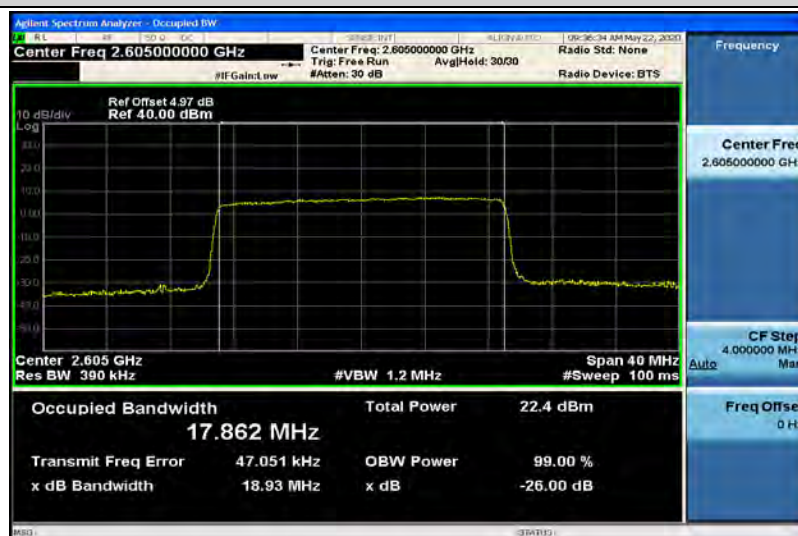
Band41-20MHz-QPSK-41140-100RB#0-17.907



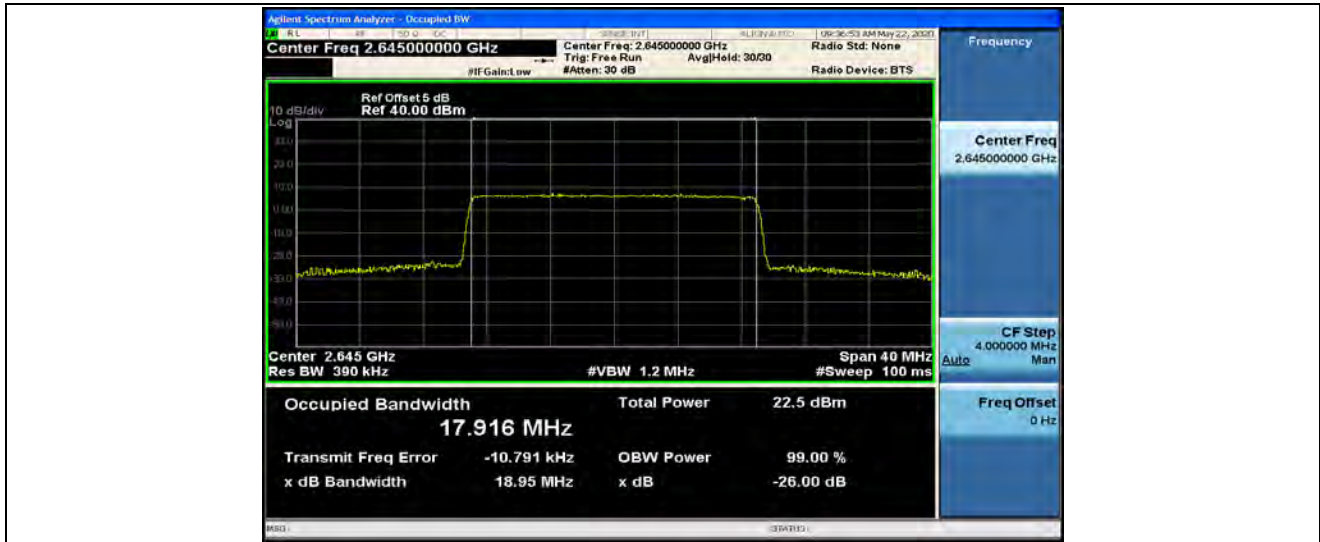
Band41-20MHz-16QAM-40340-100RB#0-17.896



Band41-20MHz-16QAM-40740-100RB#0-17.862



Band41-20MHz-16QAM-41140-100RB#0-17.916





Appendix D: Band Edge

Test Graphs

Band41-5MHz-QPSK-40265-1RB#0



Band41-5MHz-QPSK-40265-25RB#0



Band41-5MHz-QPSK-41215-1RB#24



Band41-5MHz-QPSK-41215-25RB#0



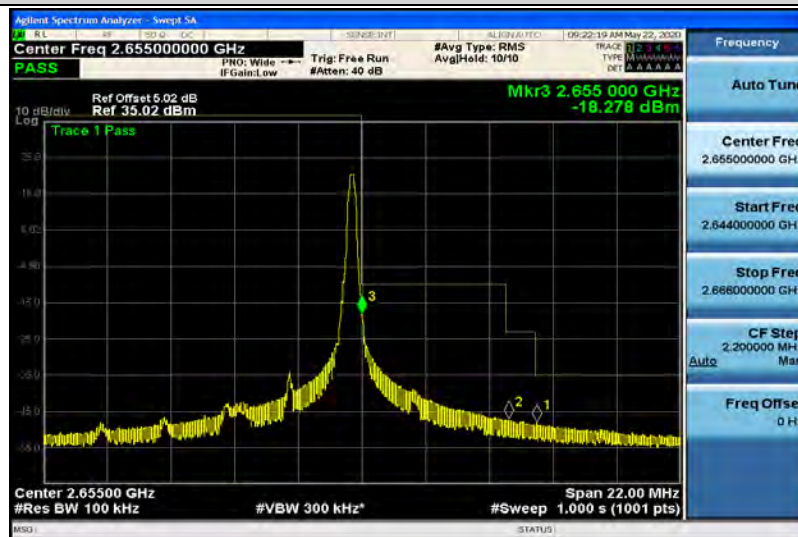
Band41-5MHz-16QAM-40265-1RB#0



Band41-5MHz-16QAM-40265-25RB#0



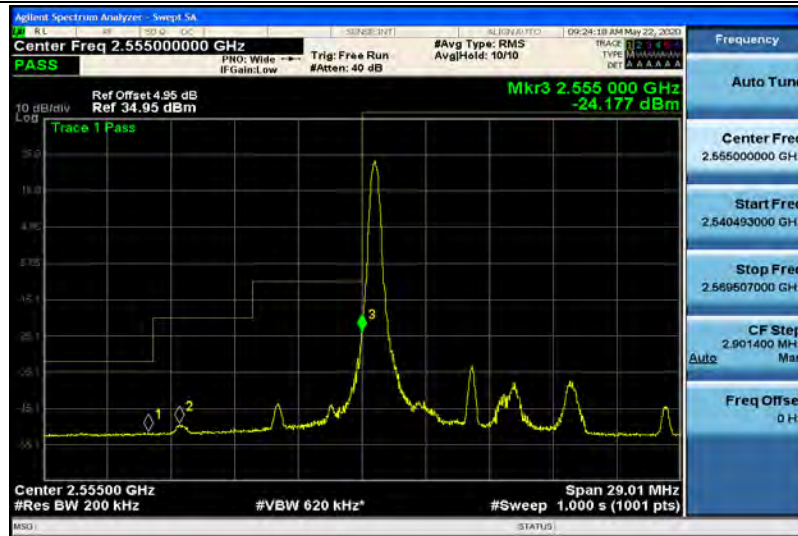
Band41-5MHz-16QAM-41215-1RB#24



Band41-5MHz-16QAM-41215-25RB#0



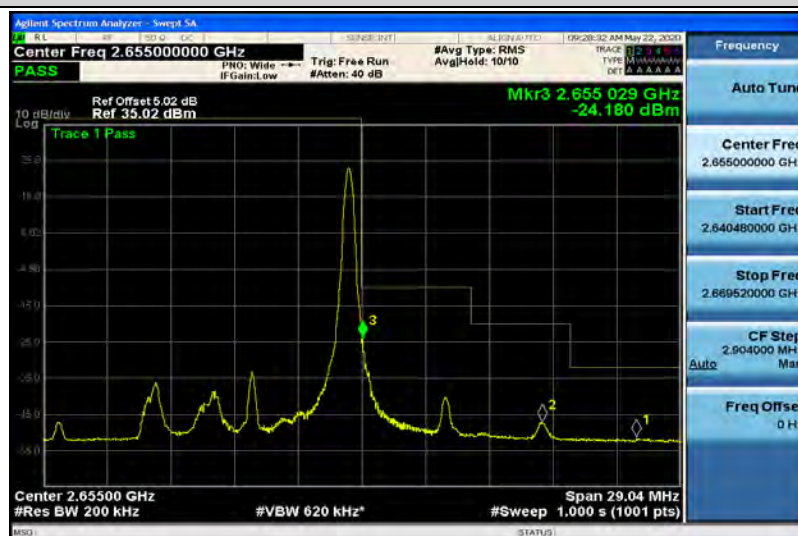
Band41-10MHz-QPSK-40290-1RB#0



Band41-10MHz-QPSK-40290-50RB#0



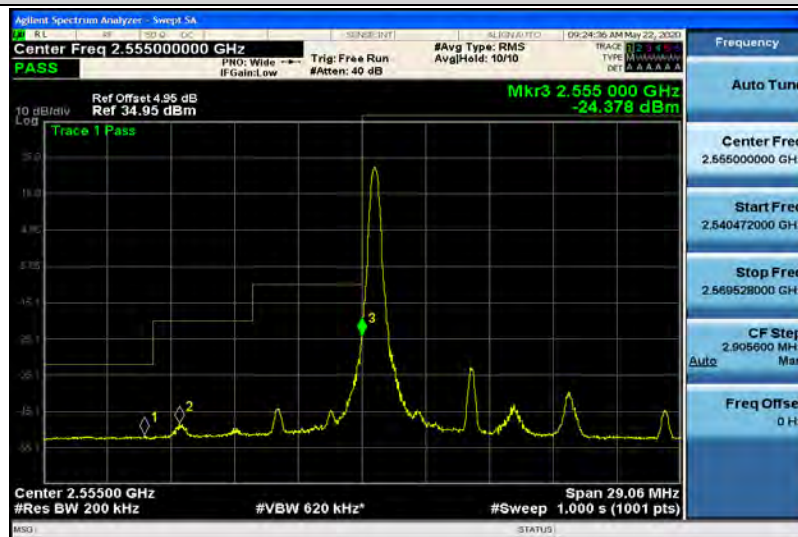
Band41-10MHz-QPSK-41190-1RB#49



Band41-10MHz-QPSK-41190-50RB#0



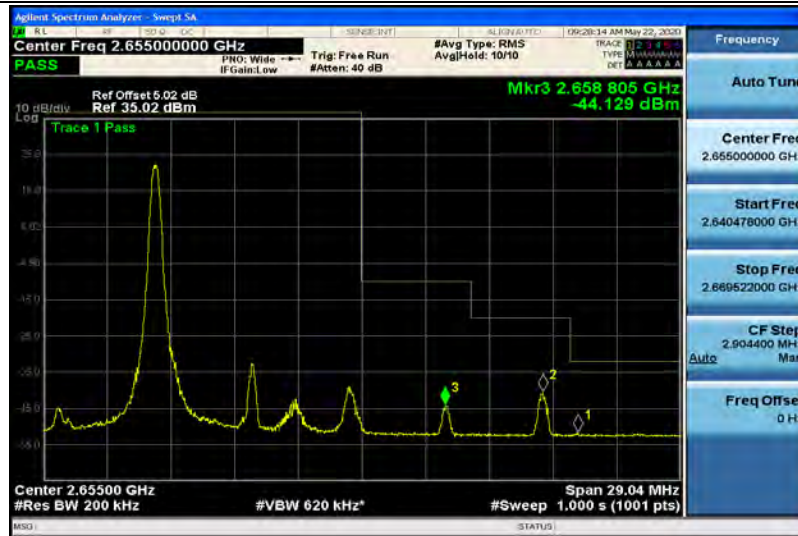
Band41-10MHz-16QAM-40290-1RB#0



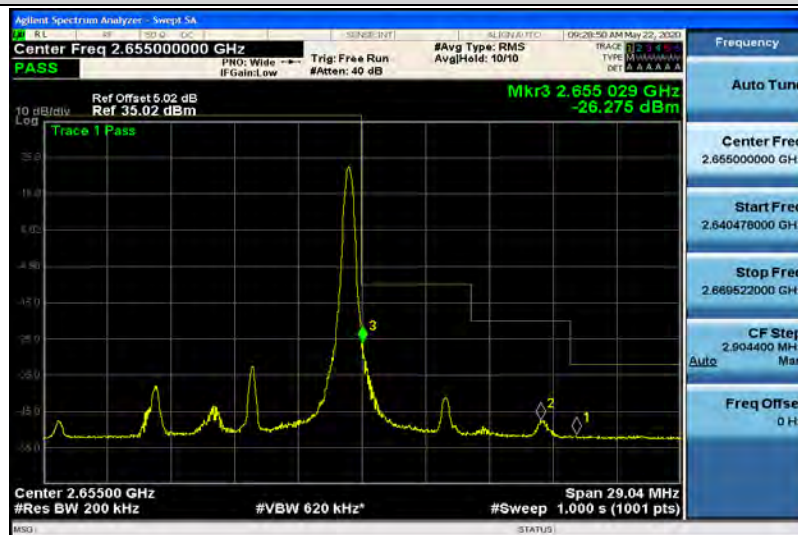
Band41-10MHz-16QAM-40290-50RB#0



Band41-10MHz-16QAM-41190-1RB#0



Band41-10MHz-16QAM-41190-1RB#49



Band41-10MHz-16QAM-41190-50RB#0



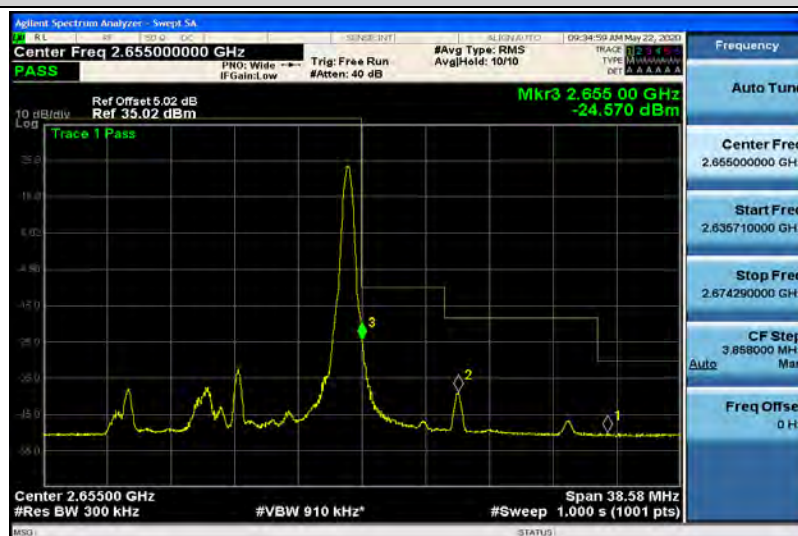
Band41-15MHz-QPSK-40315-1RB#0



Band41-15MHz-QPSK-40315-75RB#0



Band41-15MHz-QPSK-41165-1RB#74



Band41-15MHz-QPSK-41165-75RB#0



Band41-15MHz-16QAM-40315-1RB#0



Band41-15MHz-16QAM-40315-75RB#0



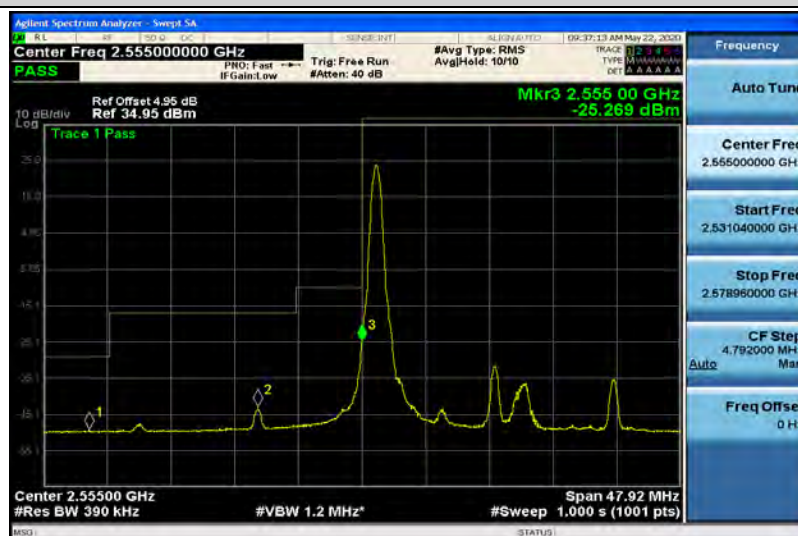
Band41-15MHz-16QAM-41165-1RB#74



Band41-15MHz-16QAM-41165-75RB#0



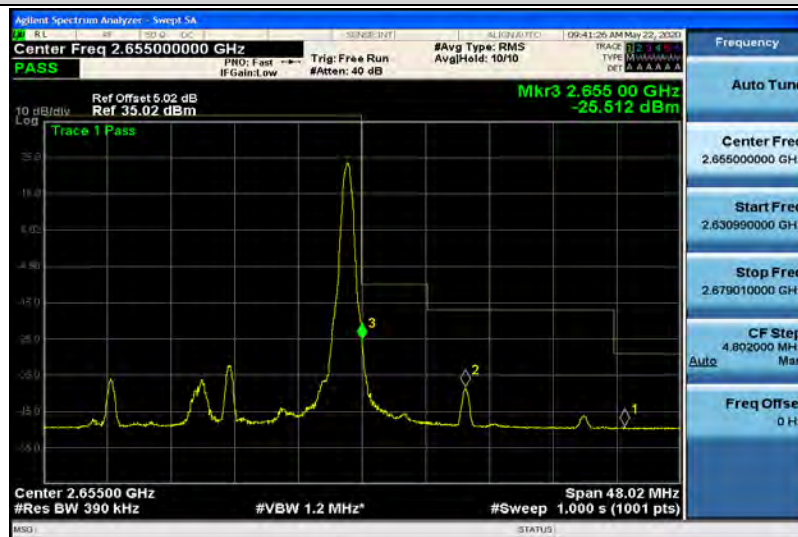
Band41-20MHz-QPSK-40340-1RB#0



Band41-20MHz-QPSK-40340-100RB#0



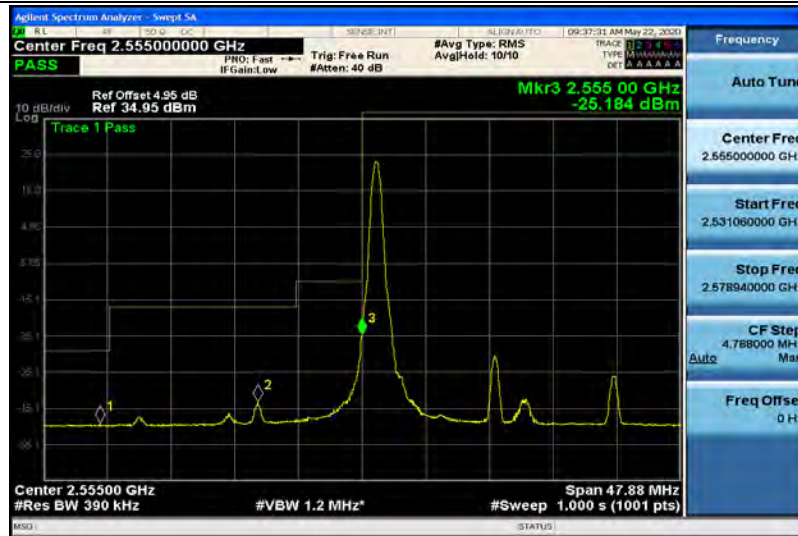
Band41-20MHz-QPSK-41140-1RB#99



Band41-20MHz-QPSK-41140-100RB#0



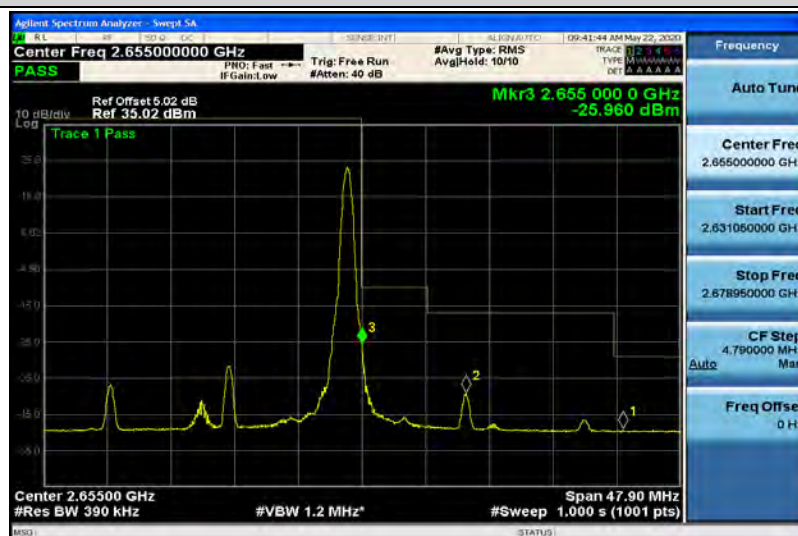
Band41-20MHz-16QAM-40340-1RB#0



Band41-20MHz-16QAM-40340-100RB#0



Band41-20MHz-16QAM-41140-1RB#99



Band41-20MHz-16QAM-41140-100RB#0



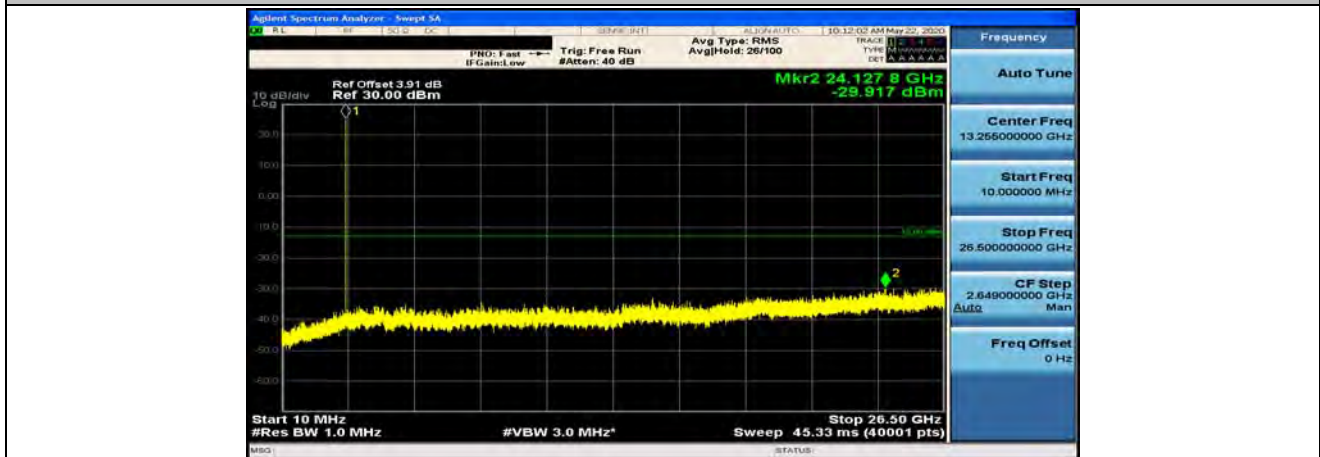


Appendix E: Conducted Spurious Emission

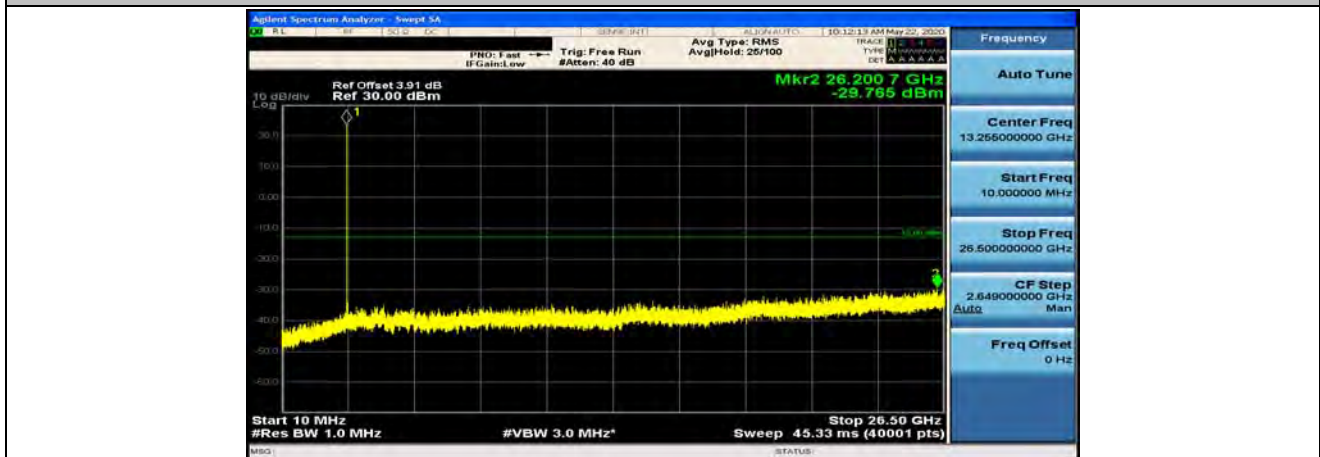
Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

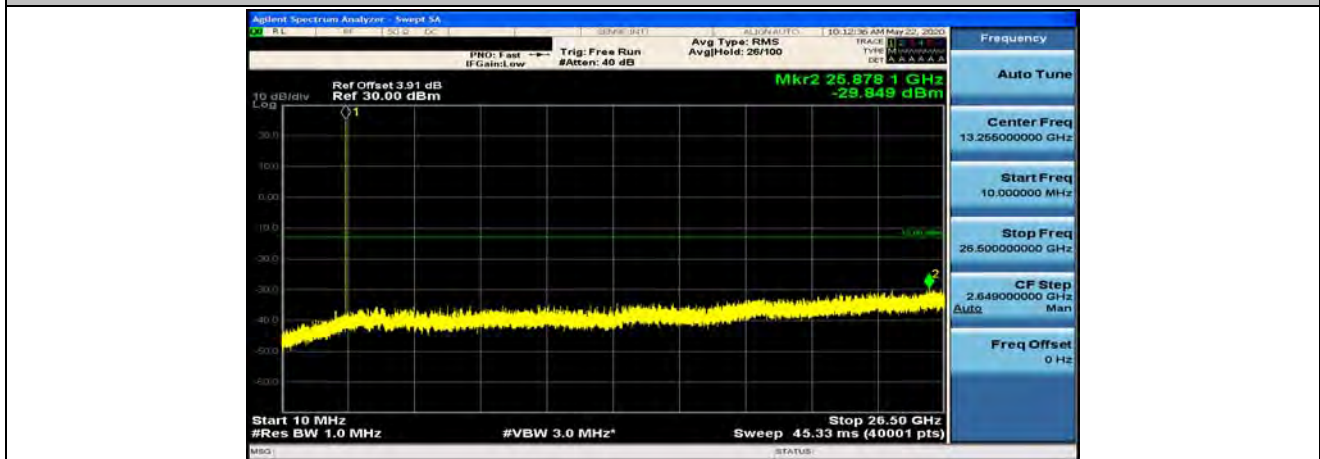


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

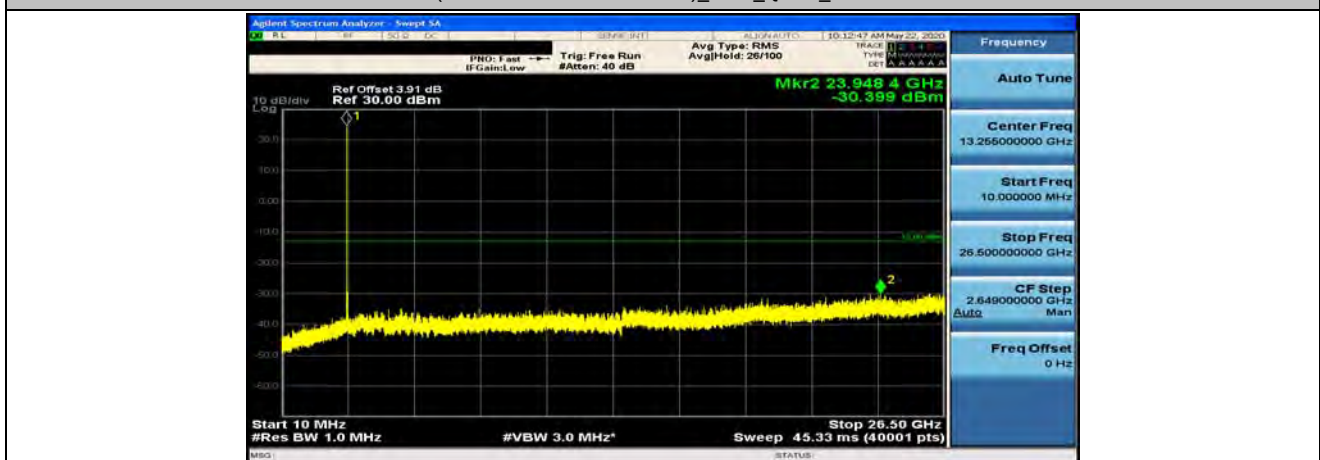


Channel Bandwidth: 10 MHz

(Channel Bandwidth: 10 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_HCH_QPSK_1RB#0

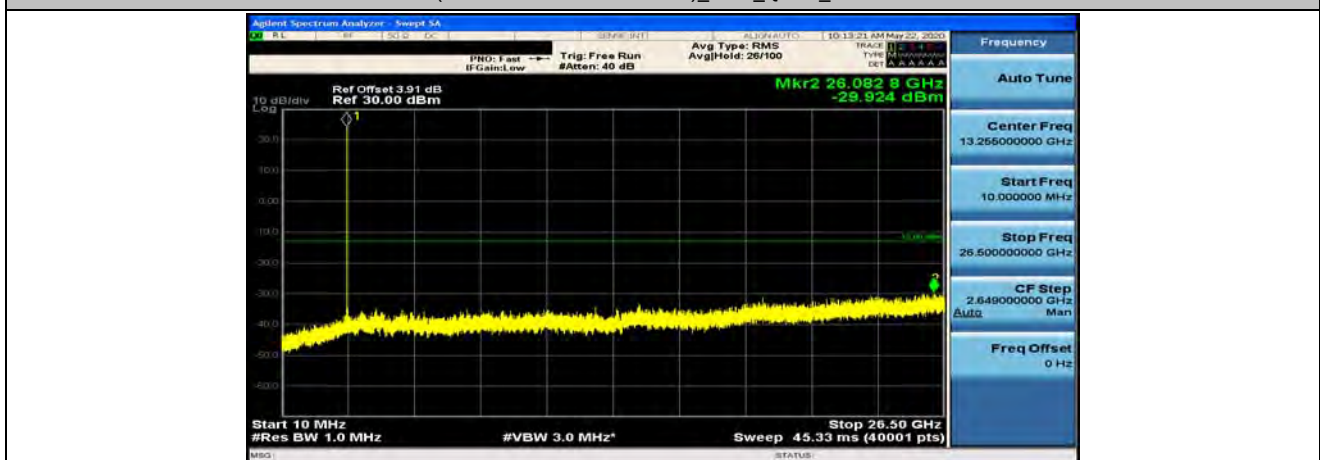


Channel Bandwidth: 15 MHz

(Channel Bandwidth: 15 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 15 MHz)_MCH_QPSK_1RB#0

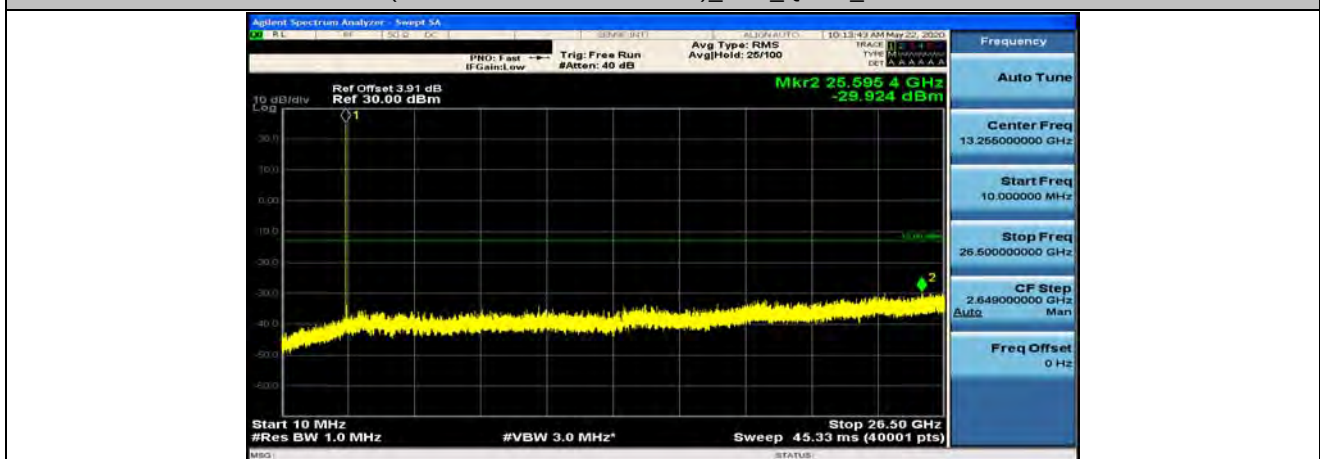


(Channel Bandwidth: 15 MHz)_HCH_QPSK_1RB#0

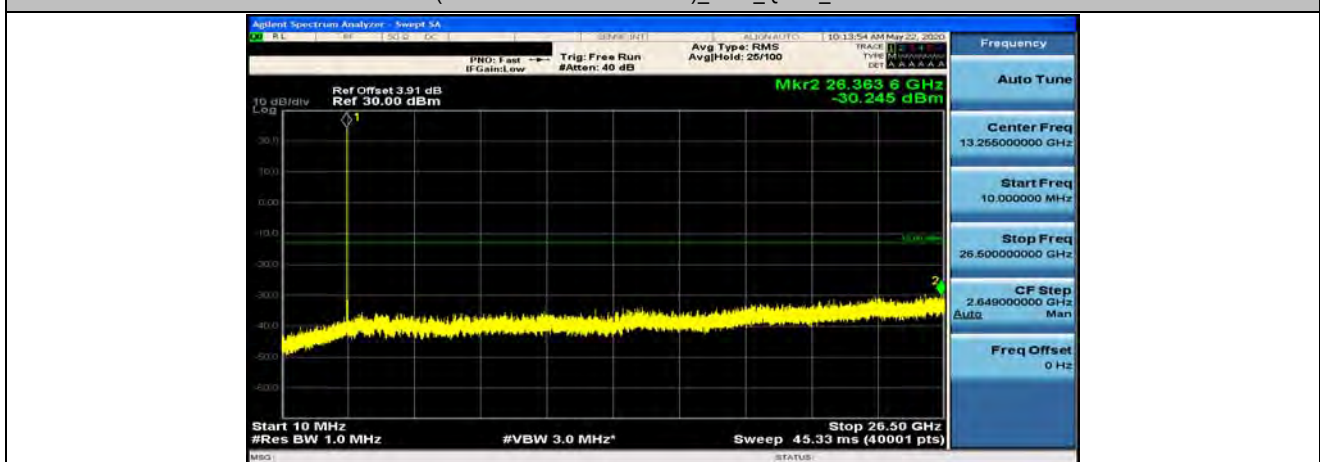


Channel Bandwidth: 20 MHz

(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: 5 MHz

Channel Bandwidth: 5 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-4.90	-0.001923	± 2.5	PASS
		VN	TN	-8.80	-0.003454	± 2.5	PASS
		VH	TN	0.70	0.000275	± 2.5	PASS
	MCH	VL	TN	-8.60	-0.003308	± 2.5	PASS
		VN	TN	-3.90	-0.001500	± 2.5	PASS
		VH	TN	1.40	0.000538	± 2.5	PASS
	HCH	VL	TN	-9.70	-0.003657	± 2.5	PASS
		VN	TN	-4.80	-0.001810	± 2.5	PASS
		VH	TN	-4.60	-0.001734	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-12.70	-0.004985	± 2.5	PASS
		VN	-20	-7.20	-0.002826	± 2.5	PASS
		VN	-10	-5.00	-0.001963	± 2.5	PASS
		VN	0	-0.90	-0.000353	± 2.5	PASS
		VN	10	2.90	0.001138	± 2.5	PASS
		VN	20	-9.70	-0.003808	± 2.5	PASS
		VN	30	-7.30	-0.002866	± 2.5	PASS
		VN	40	-4.40	-0.001727	± 2.5	PASS
		VN	50	-0.70	-0.000275	± 2.5	PASS
	MCH	VN	-30	-4.20	-0.001615	± 2.5	PASS
		VN	-20	-6.70	-0.002577	± 2.5	PASS
		VN	-10	-2.10	-0.000808	± 2.5	PASS

		VN	0	3.60	0.001385	± 2.5	PASS
		VN	10	-10.30	-0.003962	± 2.5	PASS
		VN	20	-3.00	-0.001154	± 2.5	PASS
		VN	30	-9.00	-0.003462	± 2.5	PASS
		VN	40	-1.10	-0.000423	± 2.5	PASS
		VN	50	-9.60	-0.003692	± 2.5	PASS
	HCH	VN	-30	-11.70	-0.004411	± 2.5	PASS
		VN	-20	-3.00	-0.001131	± 2.5	PASS
		VN	-10	-9.40	-0.003544	± 2.5	PASS
		VN	0	3.20	0.001206	± 2.5	PASS
		VN	10	-5.50	-0.002074	± 2.5	PASS
		VN	20	-10.20	-0.003845	± 2.5	PASS
		VN	30	-0.80	-0.000302	± 2.5	PASS
		VN	40	-9.60	-0.003619	± 2.5	PASS
		VN	50	-2.30	-0.000867	± 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	2.80	0.001098	± 2.5	PASS
		VN	TN	-1.30	-0.000510	± 2.5	PASS
		VH	TN	6.40	0.002510	± 2.5	PASS
	MCH	VL	TN	-10.40	-0.004000	± 2.5	PASS
		VN	TN	-0.80	-0.000308	± 2.5	PASS
		VH	TN	-0.40	-0.000154	± 2.5	PASS
	HCH	VL	TN	4.10	0.001547	± 2.5	PASS
		VN	TN	4.50	0.001698	± 2.5	PASS
		VH	TN	15.70	0.005925	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-4.90	-0.001922	± 2.5	PASS
		VN	-20	3.70	0.001451	± 2.5	PASS
		VN	-10	-2.10	-0.000824	± 2.5	PASS
		VN	0	-1.10	-0.000431	± 2.5	PASS
		VN	10	3.80	0.001490	± 2.5	PASS
		VN	20	0.70	0.000275	± 2.5	PASS
		VN	30	-4.80	-0.001882	± 2.5	PASS
		VN	40	5.80	0.002275	± 2.5	PASS
		VN	50	1.70	0.000667	± 2.5	PASS
	MCH	VN	-30	-6.30	-0.002423	± 2.5	PASS
		VN	-20	5.50	0.002115	± 2.5	PASS
		VN	-10	-3.00	-0.001154	± 2.5	PASS
		VN	0	-11.00	-0.004231	± 2.5	PASS
		VN	10	-1.00	-0.000385	± 2.5	PASS

		VN	20	-7.90	-0.003038	± 2.5	PASS
		VN	30	-0.30	-0.000115	± 2.5	PASS
		VN	40	-6.00	-0.002308	± 2.5	PASS
		VN	50	-8.50	-0.003269	± 2.5	PASS
	HCH	VN	-30	9.70	0.003660	± 2.5	PASS
		VN	-20	3.50	0.001321	± 2.5	PASS
		VN	-10	14.70	0.005547	± 2.5	PASS
		VN	0	8.50	0.003208	± 2.5	PASS
		VN	10	10.20	0.003849	± 2.5	PASS
		VN	20	10.10	0.003811	± 2.5	PASS
		VN	30	4.00	0.001509	± 2.5	PASS
		VN	40	16.70	0.006302	± 2.5	PASS
		VN	50	12.50	0.004717	± 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	2.20	0.000862	± 2.5	PASS
		VN	TN	5.70	0.002233	± 2.5	PASS
		VH	TN	10.10	0.003957	± 2.5	PASS
	MCH	VL	TN	-4.40	-0.001692	± 2.5	PASS
		VN	TN	-6.00	-0.002308	± 2.5	PASS
		VH	TN	-11.80	-0.004538	± 2.5	PASS
	HCH	VL	TN	-4.90	-0.001851	± 2.5	PASS
		VN	TN	1.00	0.000378	± 2.5	PASS
		VH	TN	0.80	0.000302	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	11.50	0.004505	± 2.5	PASS
		VN	-20	7.30	0.002860	± 2.5	PASS
		VN	-10	11.20	0.004388	± 2.5	PASS
		VN	0	0.10	0.000039	± 2.5	PASS
		VN	10	8.00	0.003134	± 2.5	PASS
		VN	20	7.20	0.002821	± 2.5	PASS
		VN	30	4.50	0.001763	± 2.5	PASS
		VN	40	5.10	0.001998	± 2.5	PASS
		VN	50	6.20	0.002429	± 2.5	PASS
	MCH	VN	-30	-7.30	-0.002808	± 2.5	PASS
		VN	-20	-0.30	-0.000115	± 2.5	PASS
		VN	-10	1.60	0.000615	± 2.5	PASS
		VN	0	-6.60	-0.002538	± 2.5	PASS
		VN	10	-1.60	-0.000615	± 2.5	PASS
		VN	20	-1.50	-0.000577	± 2.5	PASS
		VN	30	-12.50	-0.004808	± 2.5	PASS

		VN	40	-2.20	-0.000846	± 2.5	PASS
		VN	50	1.10	0.000423	± 2.5	PASS
	HCH	VN	-30	3.40	0.001284	± 2.5	PASS
		VN	-20	1.60	0.000604	± 2.5	PASS
		VN	-10	2.80	0.001058	± 2.5	PASS
		VN	0	-0.20	-0.000076	± 2.5	PASS
		VN	10	9.80	0.003702	± 2.5	PASS
		VN	20	0.70	0.000264	± 2.5	PASS
		VN	30	-4.80	-0.001813	± 2.5	PASS
		VN	40	-2.90	-0.001095	± 2.5	PASS
		VN	50	1.50	0.000567	± 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	-9.30	-0.003640	± 2.5	PASS
		VN	TN	2.40	0.000939	± 2.5	PASS
		VH	TN	0.30	0.000117	± 2.5	PASS
	MCH	VL	TN	-8.00	-0.003077	± 2.5	PASS
		VN	TN	-4.30	-0.001654	± 2.5	PASS
		VH	TN	-1.40	-0.000538	± 2.5	PASS
	HCH	VL	TN	-7.30	-0.002760	± 2.5	PASS
		VN	TN	-5.00	-0.001890	± 2.5	PASS
		VH	TN	-3.00	-0.001134	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-2.60	-0.001018	± 2.5	PASS
		VN	-20	-4.40	-0.001722	± 2.5	PASS
		VN	-10	-6.20	-0.002427	± 2.5	PASS
		VN	0	-7.50	-0.002935	± 2.5	PASS
		VN	10	-7.00	-0.002740	± 2.5	PASS
		VN	20	-2.40	-0.000939	± 2.5	PASS
		VN	30	1.90	0.000744	± 2.5	PASS
		VN	40	-12.90	-0.005049	± 2.5	PASS
		VN	50	-8.80	-0.003444	± 2.5	PASS
	MCH	VN	-30	-1.10	-0.000423	± 2.5	PASS
		VN	-20	-1.80	-0.000692	± 2.5	PASS
		VN	-10	-8.90	-0.003423	± 2.5	PASS
		VN	0	-5.00	-0.001923	± 2.5	PASS
		VN	10	-4.50	-0.001731	± 2.5	PASS
		VN	20	-8.10	-0.003115	± 2.5	PASS
		VN	30	-1.80	-0.000692	± 2.5	PASS
VN		40	-6.20	-0.002385	± 2.5	PASS	
VN	50	0.70	0.000269	± 2.5	PASS		



	HCH	VN	-30	-3.30	-0.001248	± 2.5	PASS
		VN	-20	-4.50	-0.001701	± 2.5	PASS
		VN	-10	-6.20	-0.002344	± 2.5	PASS
		VN	0	3.80	0.001437	± 2.5	PASS
		VN	10	-2.60	-0.000983	± 2.5	PASS
		VN	20	-3.20	-0.001210	± 2.5	PASS
		VN	30	-5.90	-0.002231	± 2.5	PASS
		VN	40	-7.90	-0.002987	± 2.5	PASS
		VN	50	-9.10	-0.003440	± 2.5	PASS