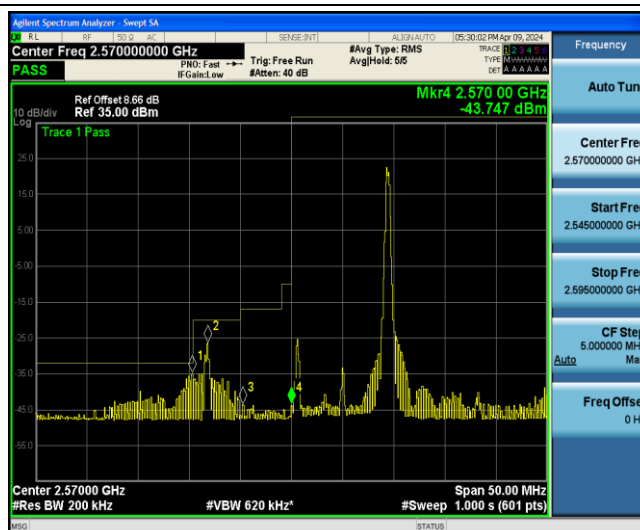
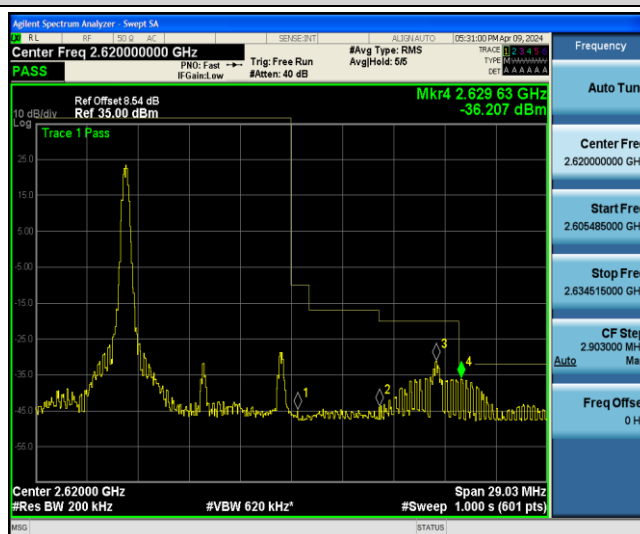




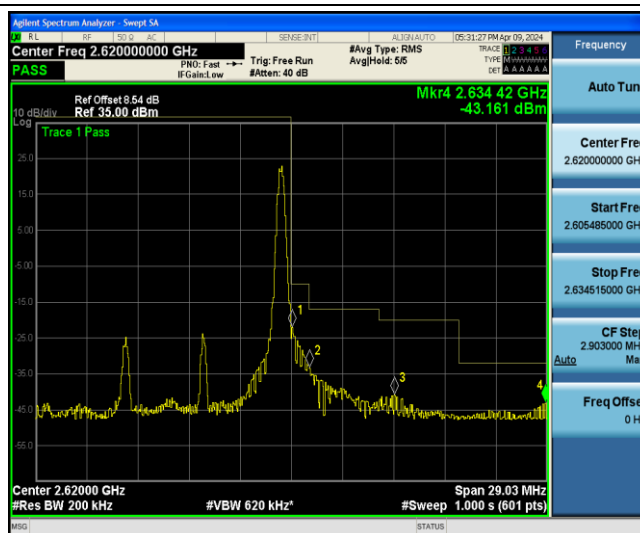
Band38-10MHz-QPSK-37800-50RB#0



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



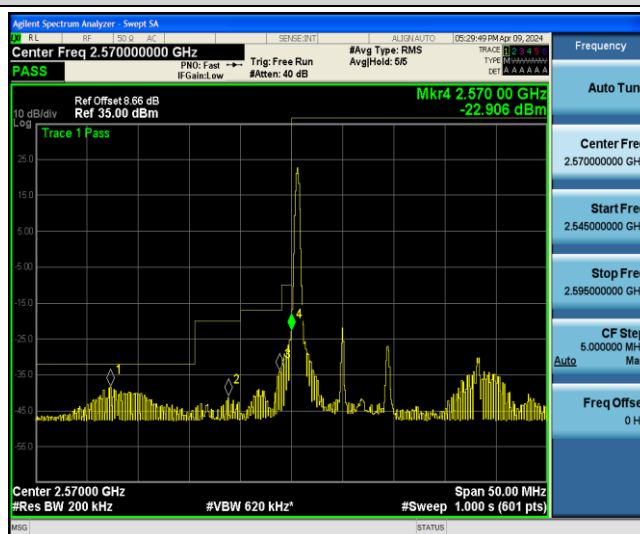
Band38-10MHz-QPSK-38200-1RB#49



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



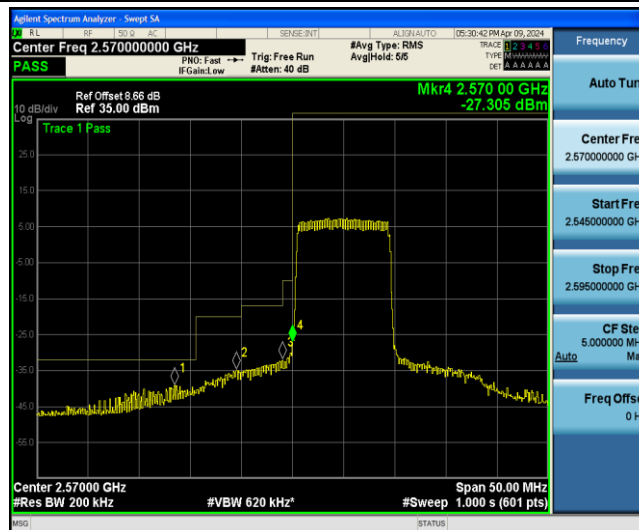
Band38-10MHz-16QAM-37800-1RB#0



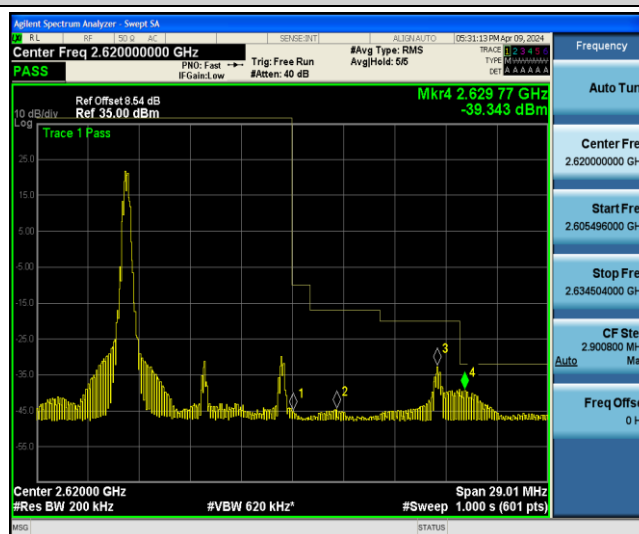
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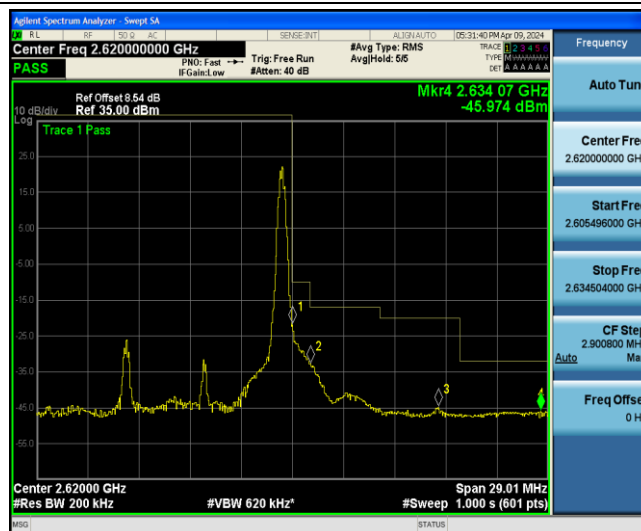
Band38-10MHz-16QAM-37800-50RB#0



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



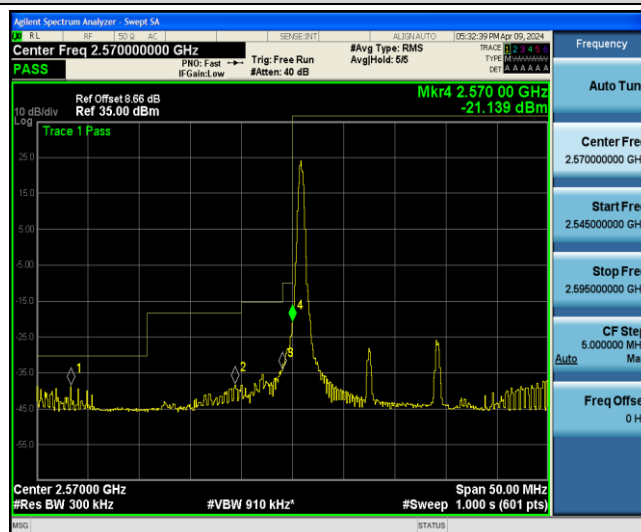
Band38-10MHz-16QAM-38200-1RB#49



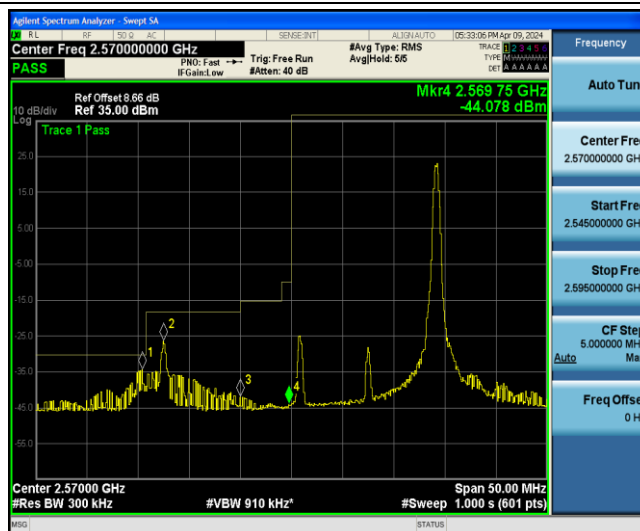
Band38-10MHz-16QAM-38200-50RB#0



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



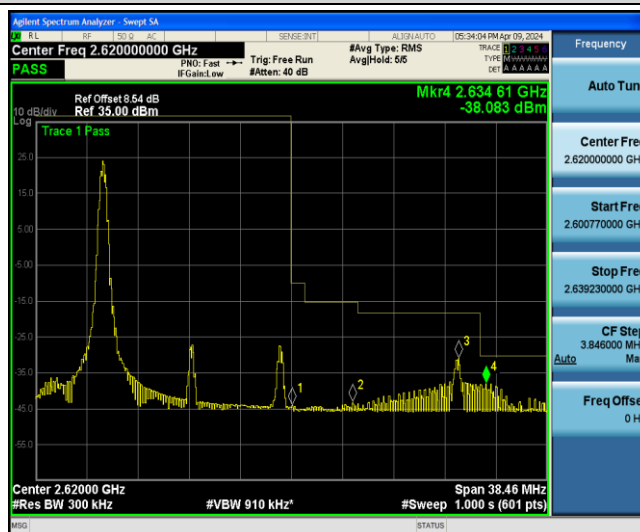
Band38-15MHz-QPSK-37825-1RB#74



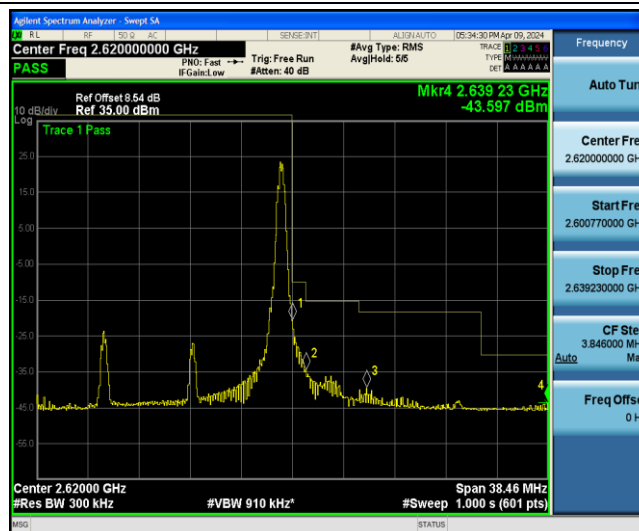
Band38-15MHz-QPSK-37825-75RB#0



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



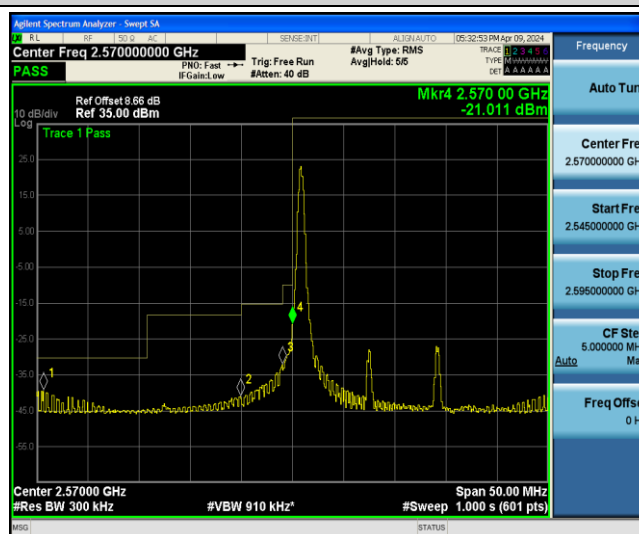
Band38-15MHz-QPSK-38175-1RB#74



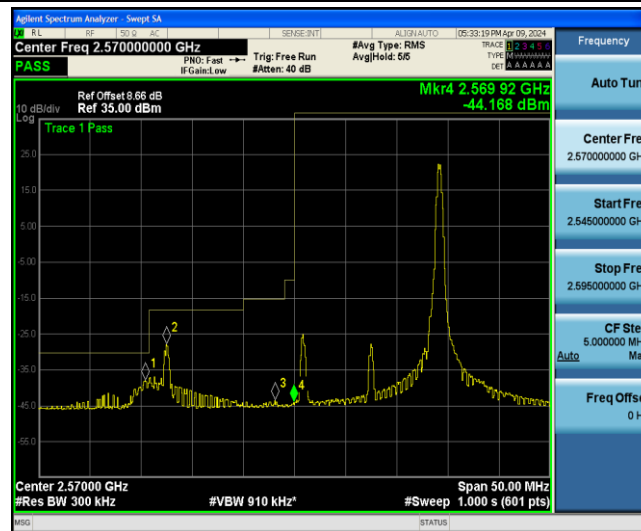
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Band38-15MHz-16QAM-37825-1RB#0



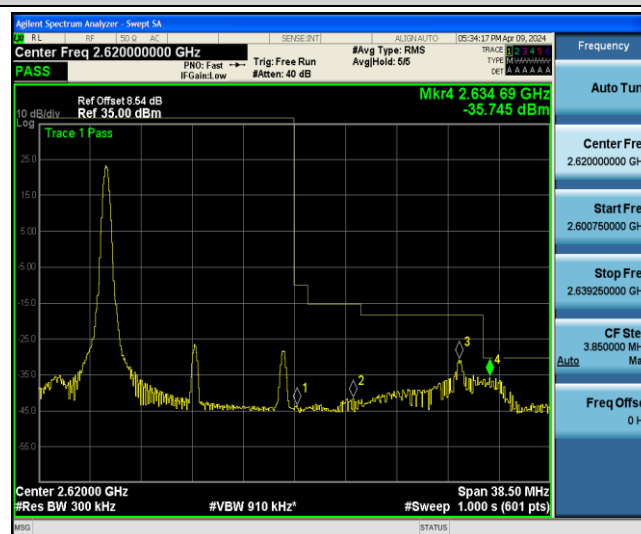
Band38-15MHz-16QAM-37825-1RB#74



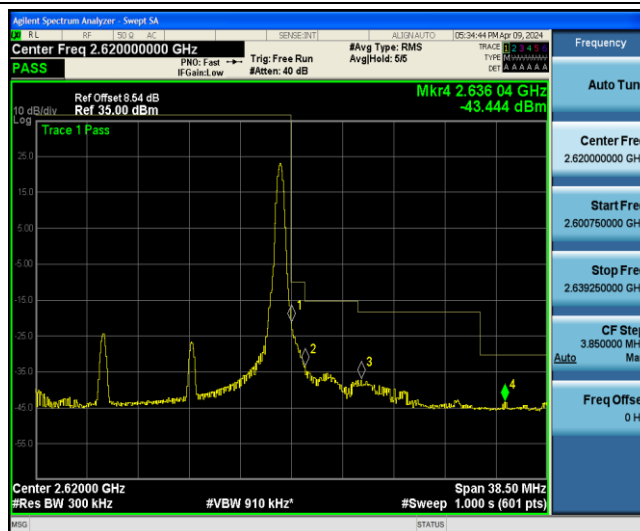
Band38-15MHz-16QAM-37825-75RB#0



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



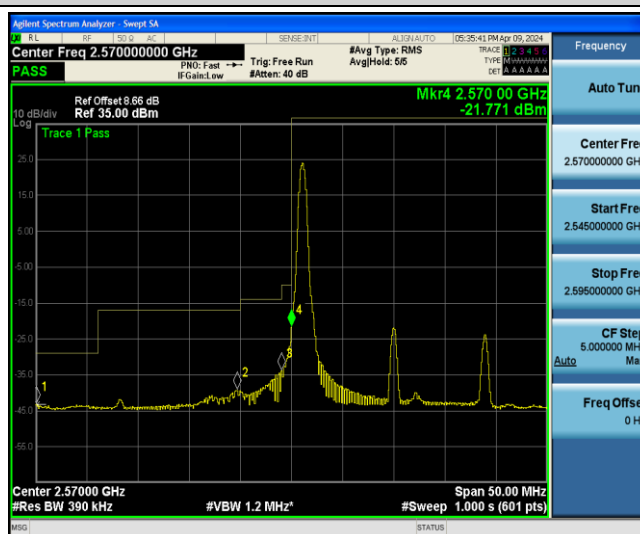
Band38-15MHz-16QAM-38175-1RB#74



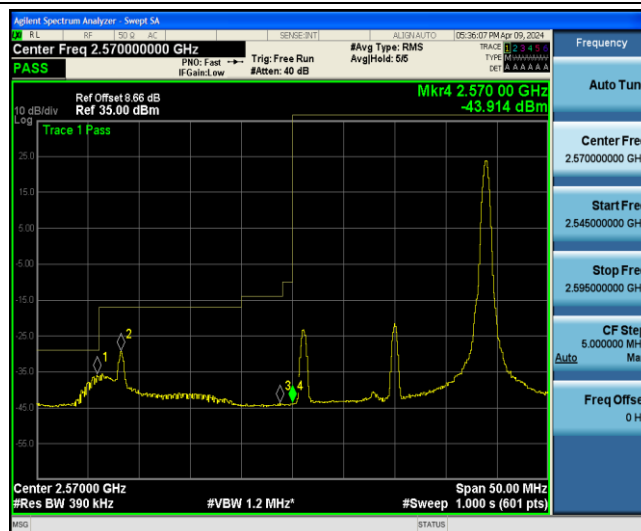
Band38-15MHz-16QAM-38175-75RB#0



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



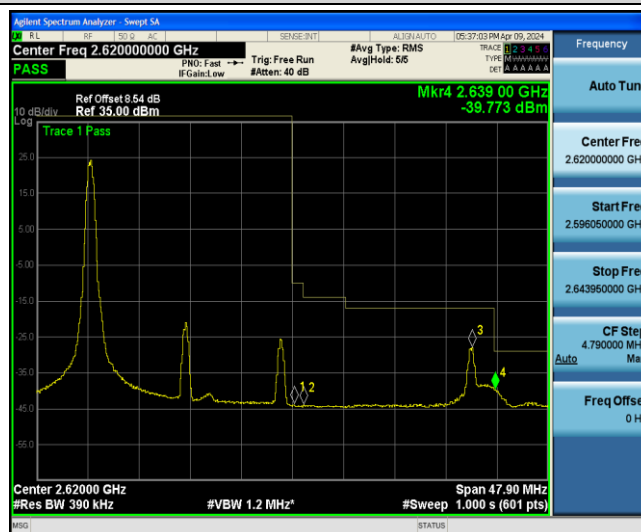
Band38-20MHz-QPSK-37850-1RB#99



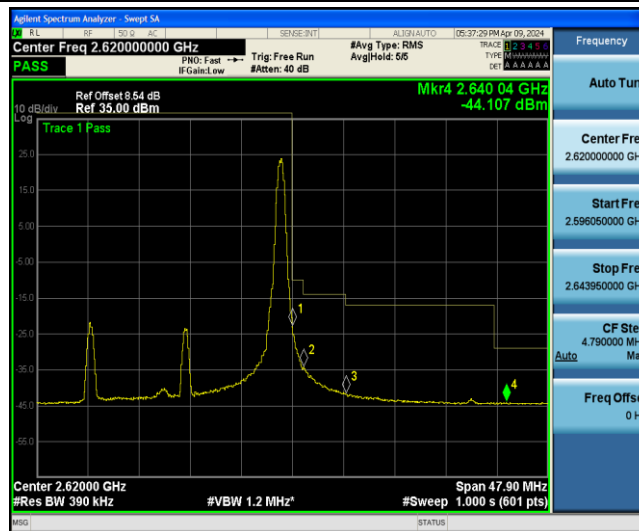
Band38-20MHz-QPSK-37850-100RB#0



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



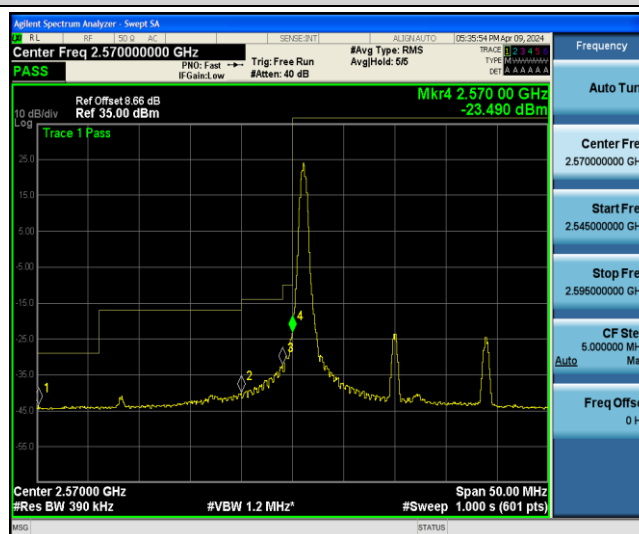
Band38-20MHz-QPSK-38150-1RB#99



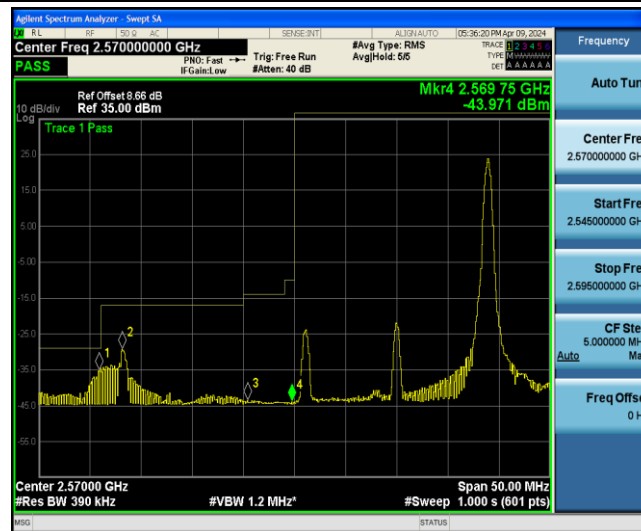
Band38-20MHz-QPSK-38150-100RB#0



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



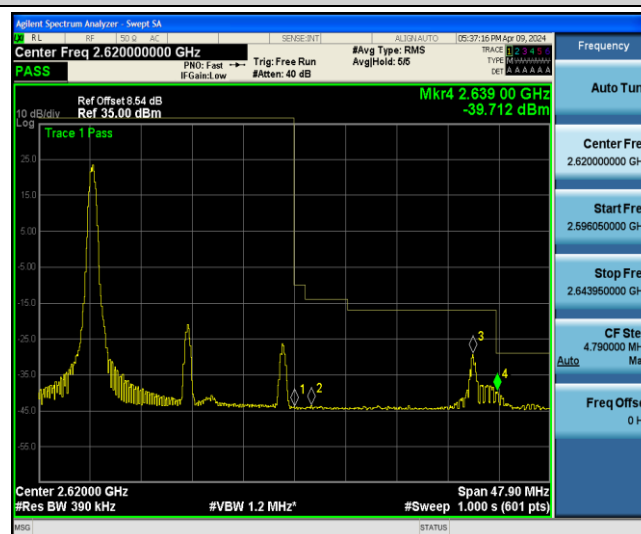
Band38-20MHz-16QAM-37850-1RB#99



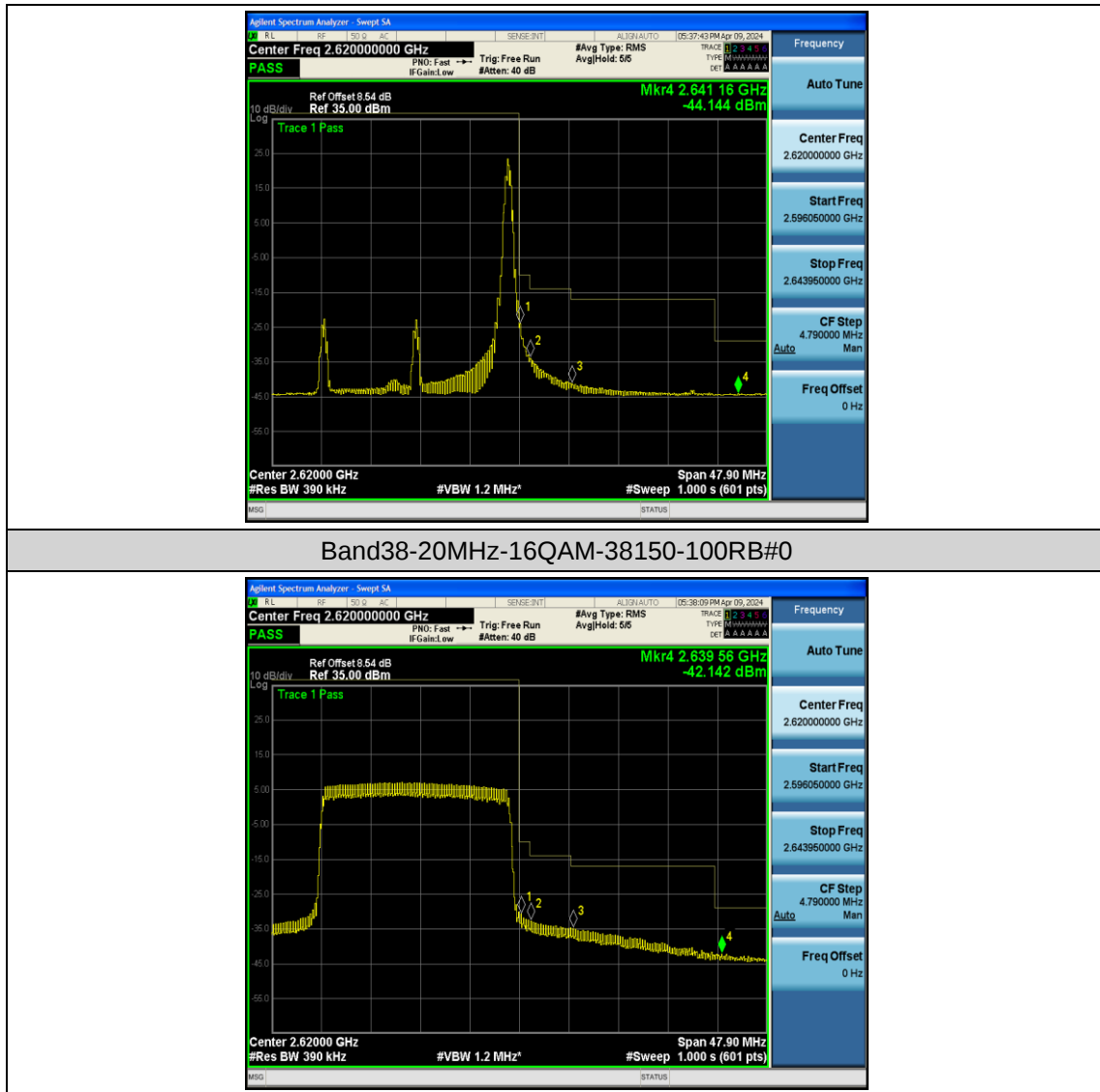
Band38-20MHz-16QAM-37850-100RB#0



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



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



Appendix E: Conducted Spurious Emission

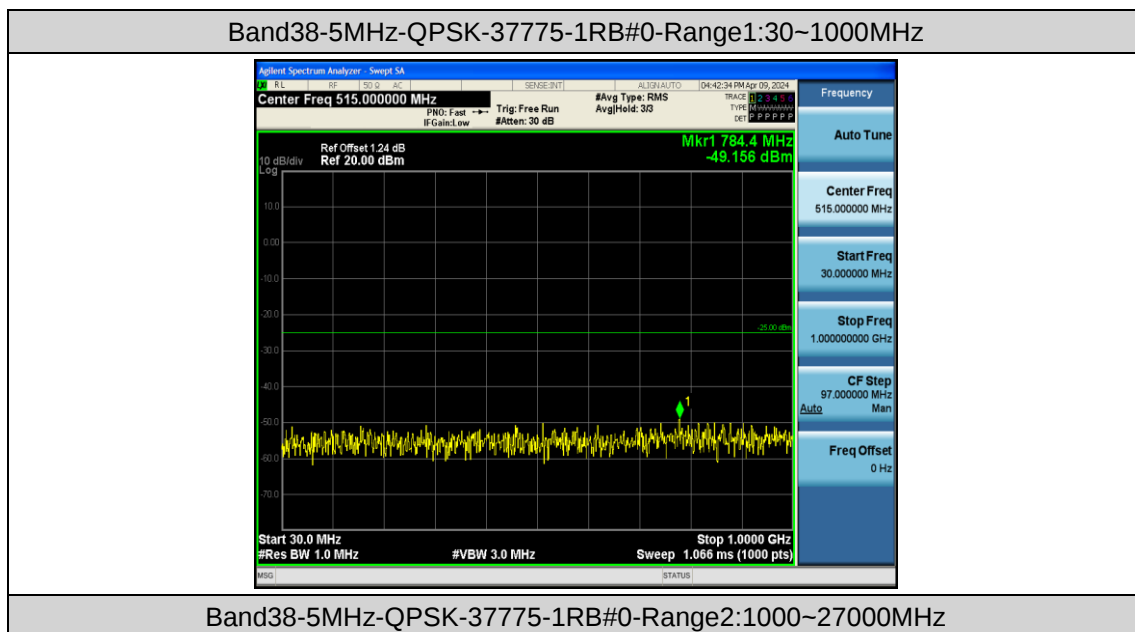
Test Result

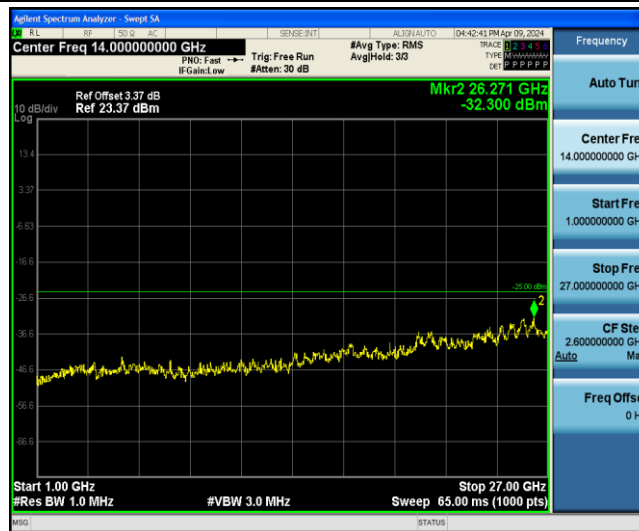
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band3 8	5MHz	QPSK	37775	1RB#0	Range1:30~1000MHz	-49.16	PASS
Band3 8	5MHz	QPSK	37775	1RB#0	Range2:1000~27000MHz	-32.3	PASS
Band3 8	5MHz	QPSK	38000	1RB#0	Range1:30~1000MHz	-50.17	PASS
Band3 8	5MHz	QPSK	38000	1RB#0	Range2:1000~27000MHz	-31.86	PASS
Band3 8	5MHz	QPSK	38225	1RB#0	Range1:30~1000MHz	-49.47	PASS
Band3 8	5MHz	QPSK	38225	1RB#0	Range2:1000~27000MHz	-32.34	PASS
Band3 8	5MHz	16QAM	37775	1RB#0	Range1:30~1000MHz	-49.43	PASS
Band3 8	5MHz	16QAM	37775	1RB#0	Range2:1000~27000MHz	-31.79	PASS
Band3 8	5MHz	16QAM	38000	1RB#0	Range1:30~1000MHz	-47.47	PASS
Band3 8	5MHz	16QAM	38000	1RB#0	Range2:1000~27000MHz	-30.52	PASS
Band3 8	5MHz	16QAM	38225	1RB#0	Range1:30~1000MHz	-49.26	PASS
Band3 8	5MHz	16QAM	38225	1RB#0	Range2:1000~27000MHz	-32.42	PASS
Band3 8	10MHz	QPSK	37800	1RB#0	Range1:30~1000MHz	-49.9	PASS
Band3 8	10MHz	QPSK	37800	1RB#0	Range2:1000~27000MHz	-32.15	PASS
Band3 8	10MHz	QPSK	38000	1RB#0	Range1:30~1000MHz	-48.7	PASS
Band3 8	10MHz	QPSK	38000	1RB#0	Range2:1000~27000MHz	-31.17	PASS
Band3 8	10MHz	QPSK	38200	1RB#0	Range1:30~1000MHz	-49.44	PASS
Band3 8	10MHz	QPSK	38200	1RB#0	Range2:1000~27000MHz	-31.7	PASS

8					Hz	3	S
Band3 8	10MHz	16QAM	37800	1RB#0	Range1:30~1000MHz	-49.5 2	PAS S
Band3 8	10MHz	16QAM	37800	1RB#0	Range2:1000~27000M Hz	-31.6	PAS S
Band3 8	10MHz	16QAM	38000	1RB#0	Range1:30~1000MHz	-50.0 3	PAS S
Band3 8	10MHz	16QAM	38000	1RB#0	Range2:1000~27000M Hz	-30.7 8	PAS S
Band3 8	10MHz	16QAM	38200	1RB#0	Range1:30~1000MHz	-48.1 2	PAS S
Band3 8	10MHz	16QAM	38200	1RB#0	Range2:1000~27000M Hz	-32.2 7	PAS S
Band3 8	15MHz	QPSK	37825	1RB#0	Range1:30~1000MHz	-49.2 9	PAS S
Band3 8	15MHz	QPSK	37825	1RB#0	Range2:1000~27000M Hz	-31.4 1	PAS S
Band3 8	15MHz	QPSK	38000	1RB#0	Range1:30~1000MHz	-49.9 9	PAS S
Band3 8	15MHz	QPSK	38000	1RB#0	Range2:1000~27000M Hz	-31.4 7	PAS S
Band3 8	15MHz	QPSK	38175	1RB#0	Range1:30~1000MHz	-49.1	PAS S
Band3 8	15MHz	QPSK	38175	1RB#0	Range2:1000~27000M Hz	-32.2	PAS S
Band3 8	15MHz	16QAM	37825	1RB#0	Range1:30~1000MHz	-49.6	PAS S
Band3 8	15MHz	16QAM	37825	1RB#0	Range2:1000~27000M Hz	-31.9 5	PAS S
Band3 8	15MHz	16QAM	38000	1RB#0	Range1:30~1000MHz	-50.0 1	PAS S
Band3 8	15MHz	16QAM	38000	1RB#0	Range2:1000~27000M Hz	-32.2	PAS S
Band3 8	15MHz	16QAM	38175	1RB#0	Range1:30~1000MHz	-49.3 7	PAS S
Band3 8	15MHz	16QAM	38175	1RB#0	Range2:1000~27000M Hz	-31.6 5	PAS S
Band3 8	20MHz	QPSK	37850	1RB#0	Range1:30~1000MHz	-48.7 1	PAS S
Band3 8	20MHz	QPSK	37850	1RB#0	Range2:1000~27000M Hz	-32.0 8	PAS S
Band3 8	20MHz	QPSK	38000	1RB#0	Range1:30~1000MHz	-49.0 1	PAS S

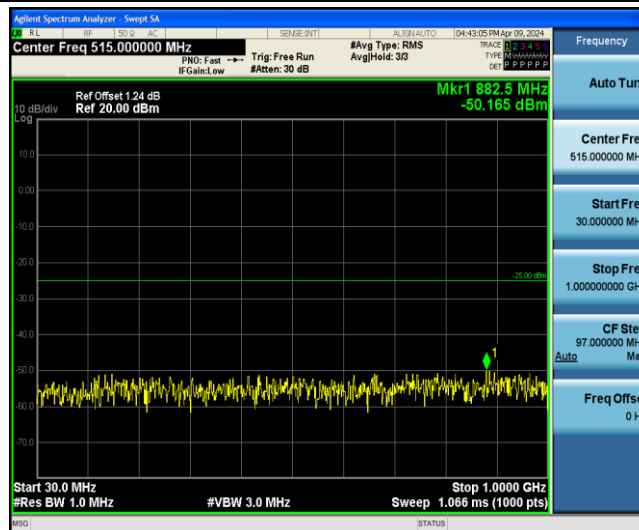
Band3 8	20MHz	QPSK	38000	1RB#0	Range2:1000~27000M Hz	-31.2 4	PAS S
Band3 8	20MHz	QPSK	38150	1RB#0	Range1:30~1000MHz	-49.9 8	PAS S
Band3 8	20MHz	QPSK	38150	1RB#0	Range2:1000~27000M Hz	-31.7 6	PAS S
Band3 8	20MHz	16QAM	37850	1RB#0	Range1:30~1000MHz	-49.9	PAS S
Band3 8	20MHz	16QAM	37850	1RB#0	Range2:1000~27000M Hz	-32.4 4	PAS S
Band3 8	20MHz	16QAM	38000	1RB#0	Range1:30~1000MHz	-49.0 2	PAS S
Band3 8	20MHz	16QAM	38000	1RB#0	Range2:1000~27000M Hz	-31.5 5	PAS S
Band3 8	20MHz	16QAM	38150	1RB#0	Range1:30~1000MHz	-48.4 9	PAS S
Band3 8	20MHz	16QAM	38150	1RB#0	Range2:1000~27000M Hz	-32.6 6	PAS S

Test Graphs

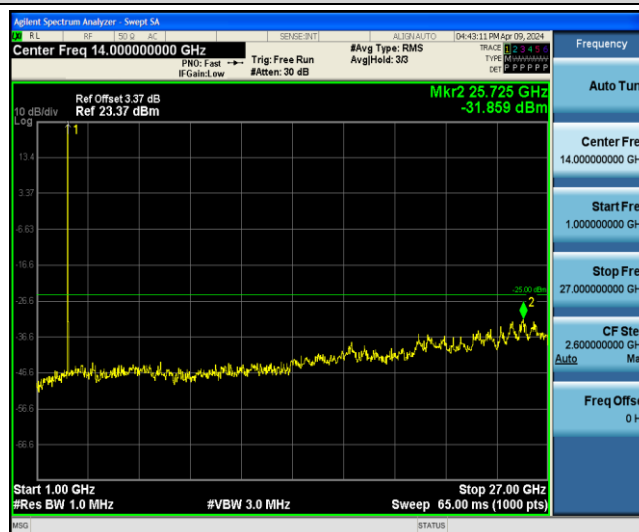




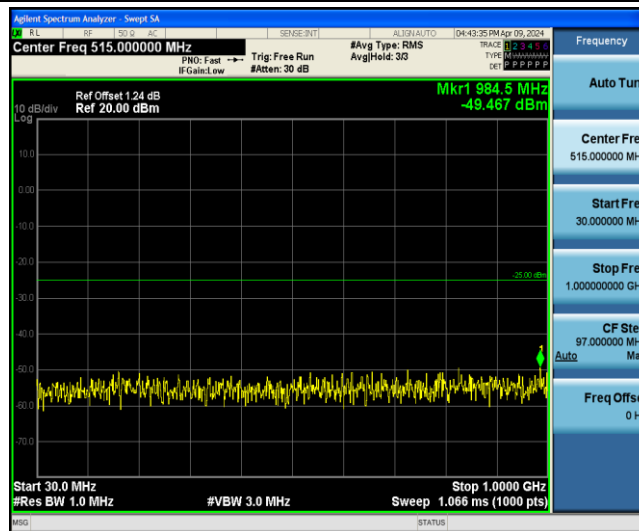
Band38-5MHz-QPSK-38000-1RB#0-Range1:30~1000MHz



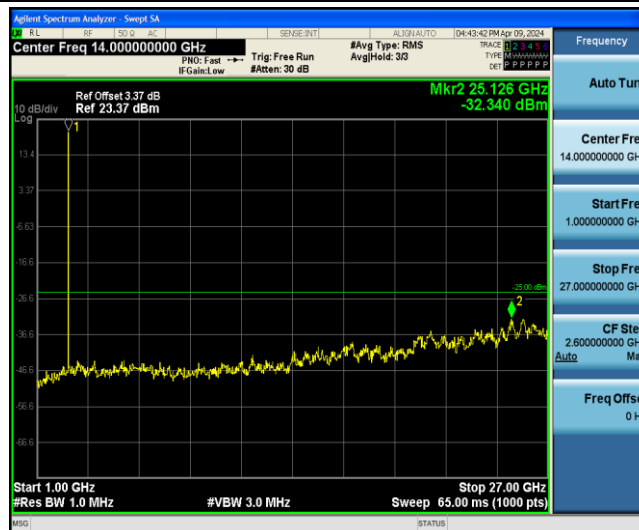
Band38-5MHz-QPSK-38000-1RB#0-Range2:1000~27000MHz



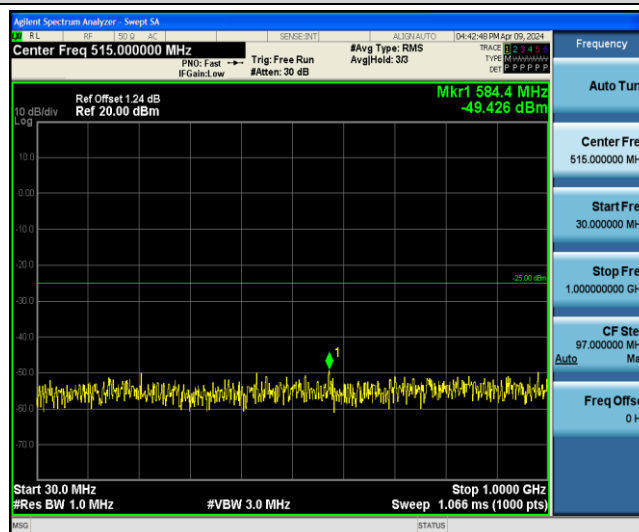
Band38-5MHz-QPSK-38225-1RB#0-Range1:30~1000MHz



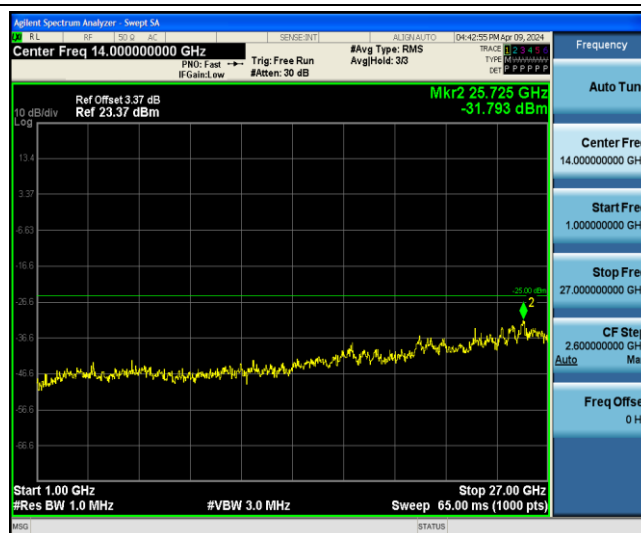
Band38-5MHz-QPSK-38225-1RB#0-Range2:1000~27000MHz



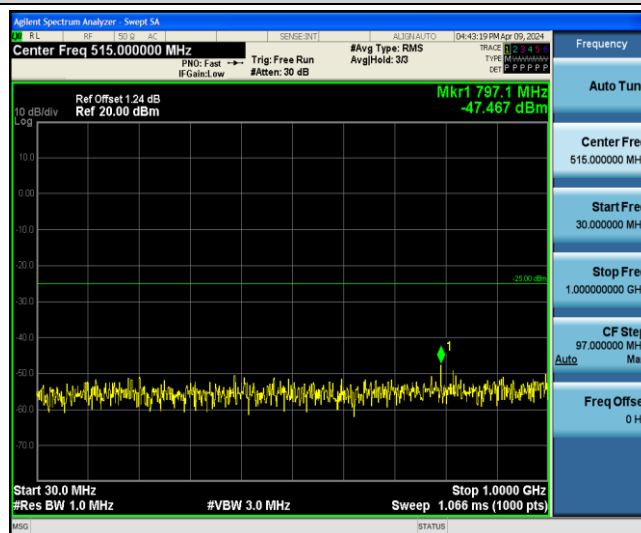
Band38-5MHz-16QAM-37775-1RB#0-Range1:30~1000MHz



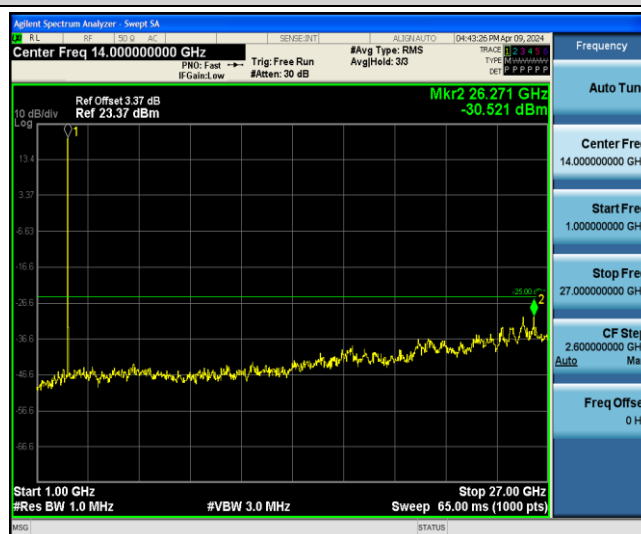
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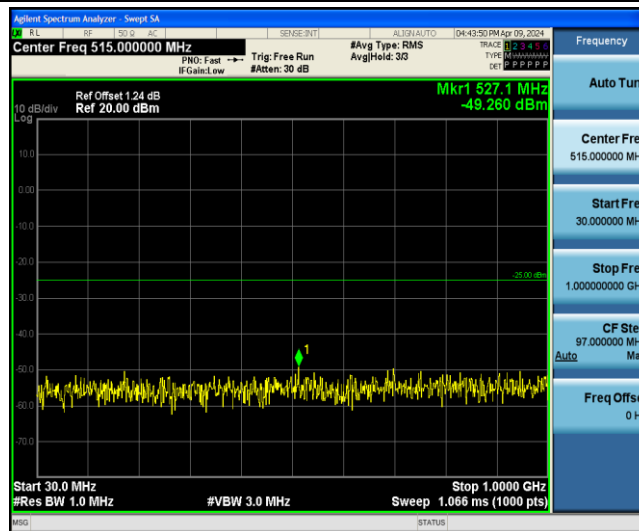
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Band38-5MHz-16QAM-38000-1RB#0-Range2:1000~27000MHz



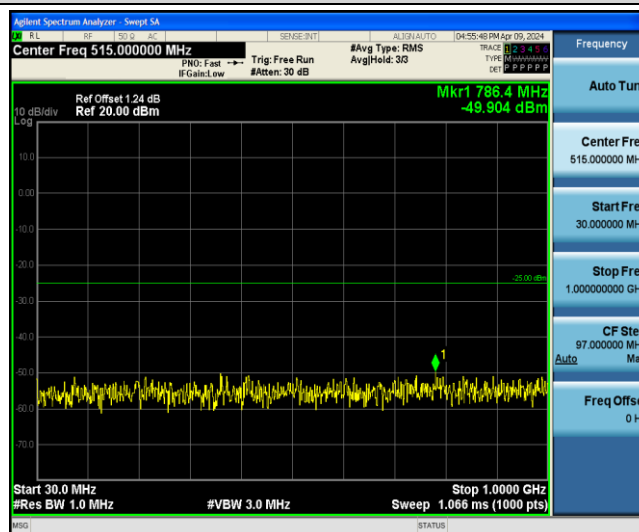
Band38-5MHz-16QAM-38225-1RB#0-Range1:30~1000MHz



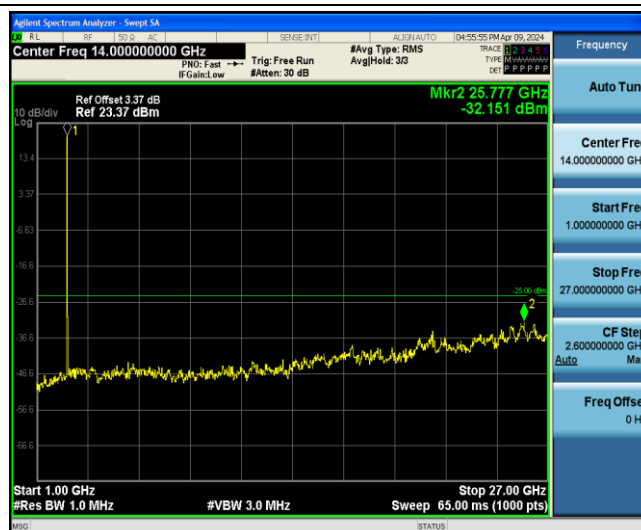
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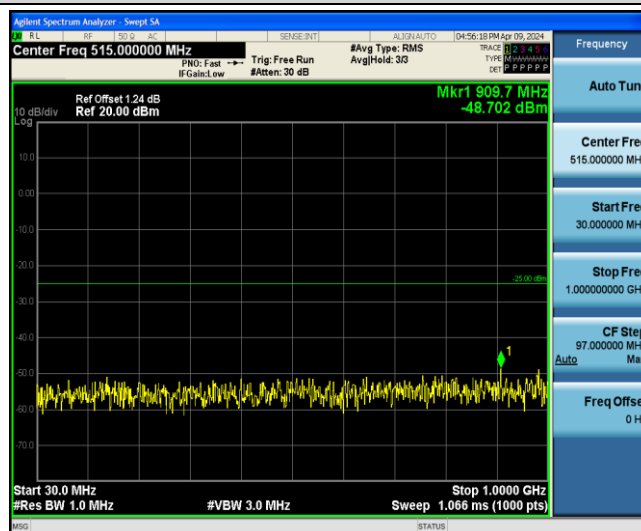
Band38-10MHz-QPSK-37800-1RB#0-Range1:30~1000MHz



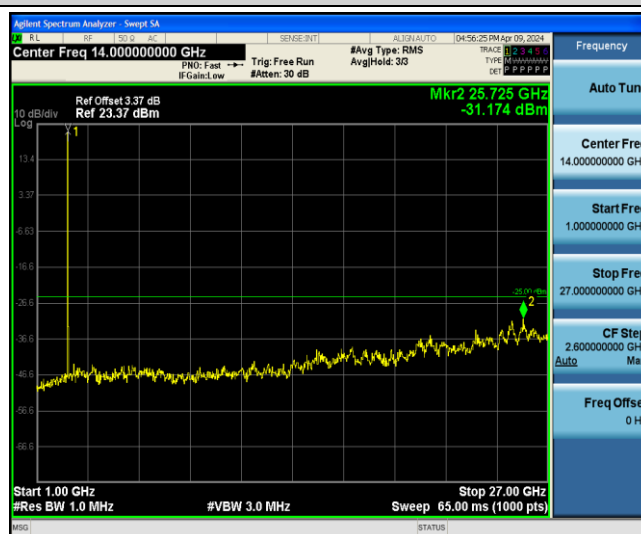
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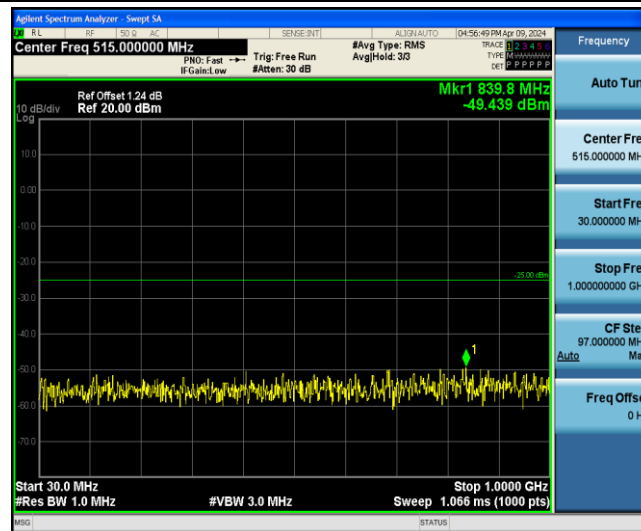
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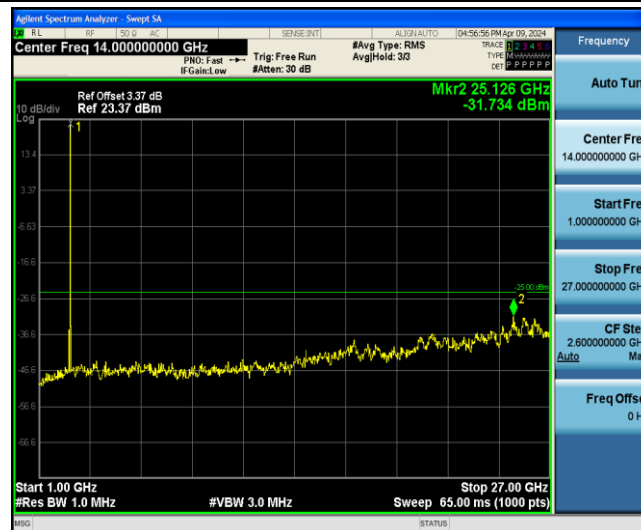
Band38-10MHz-QPSK-38000-1RB#0-Range2:1000~27000MHz



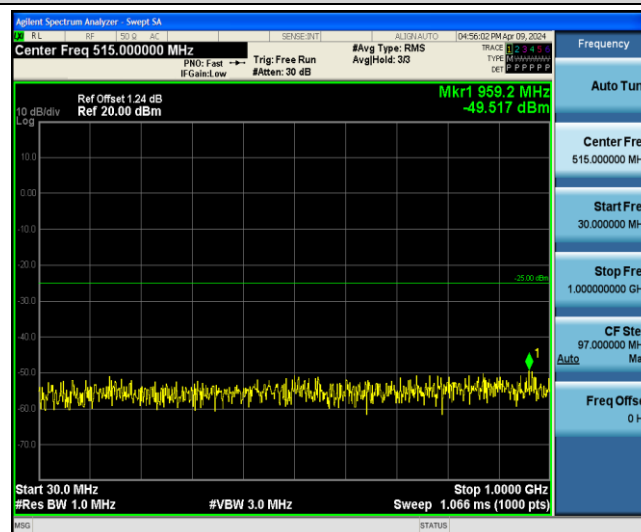
Band38-10MHz-QPSK-38200-1RB#0-Range1:30~1000MHz



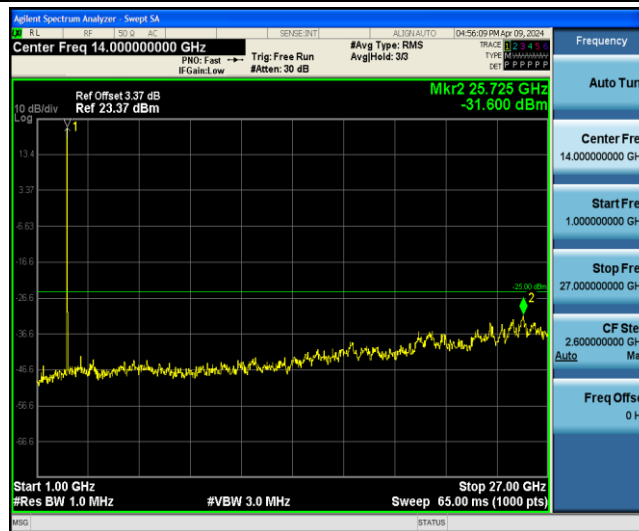
Band38-10MHz-QPSK-38200-1RB#0-Range2:1000~27000MHz



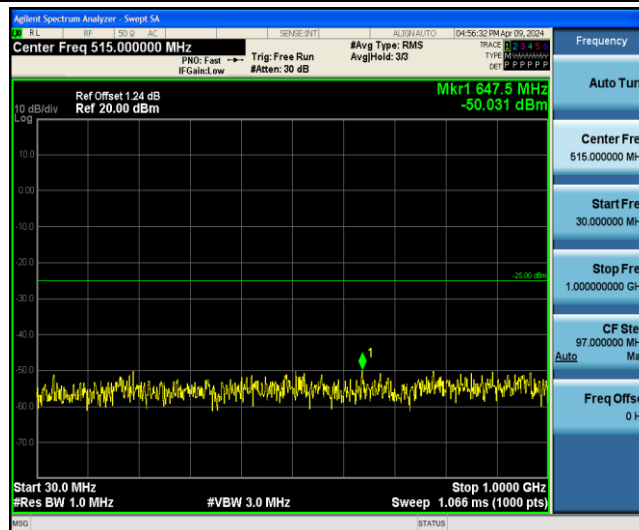
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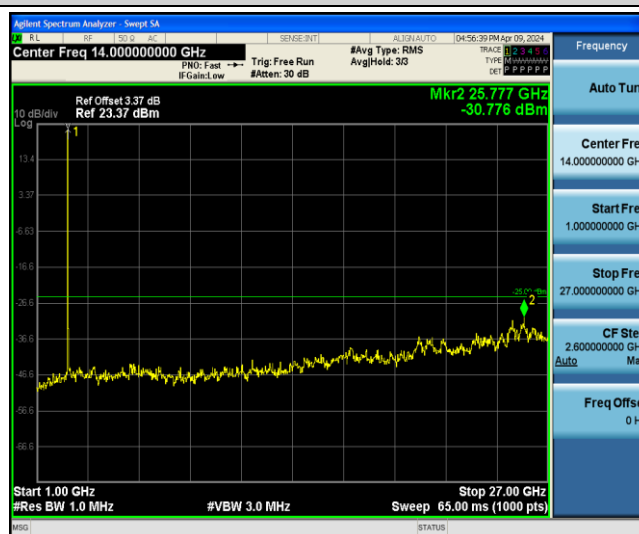
Band38-10MHz-16QAM-37800-1RB#0-Range2:1000~27000MHz



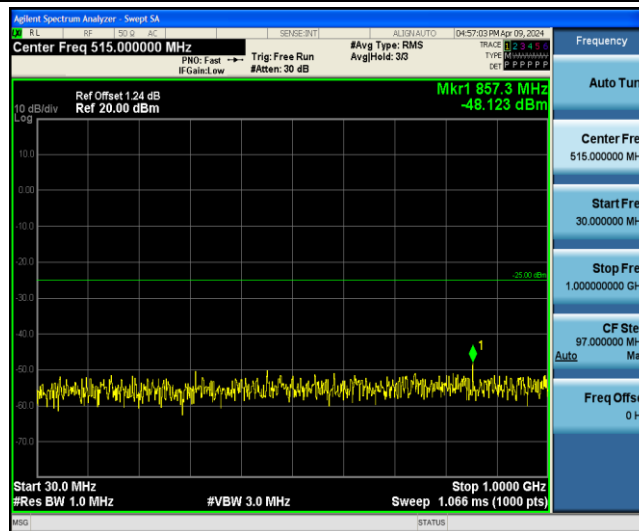
Band38-10MHz-16QAM-38000-1RB#0-Range1:30~1000MHz



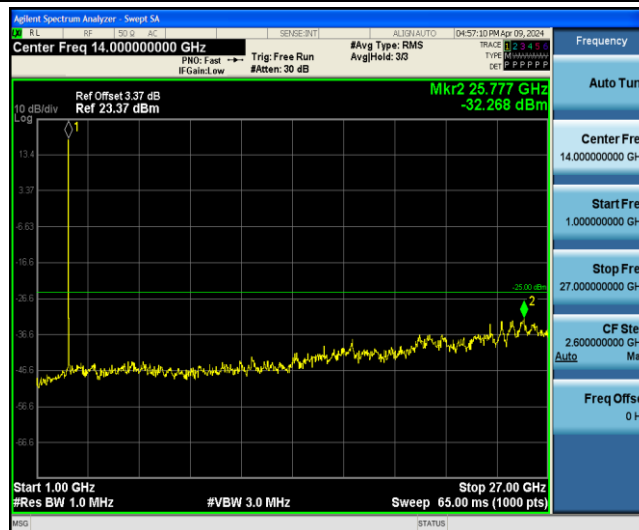
Band38-10MHz-16QAM-38000-1RB#0-Range2:1000~27000MHz



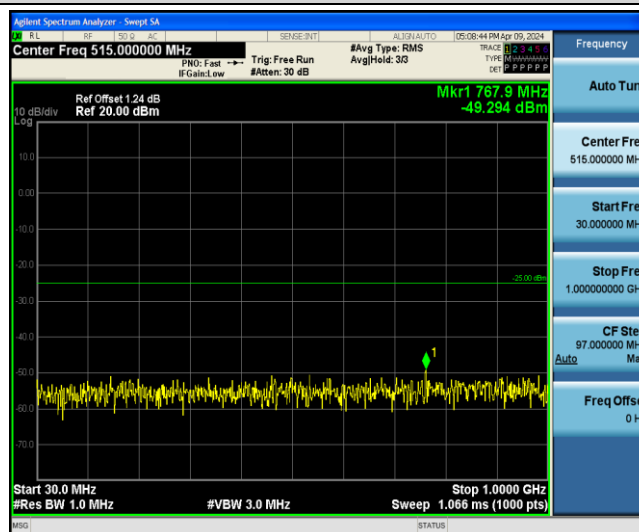
Band38-10MHz-16QAM-38200-1RB#0-Range1:30~1000MHz



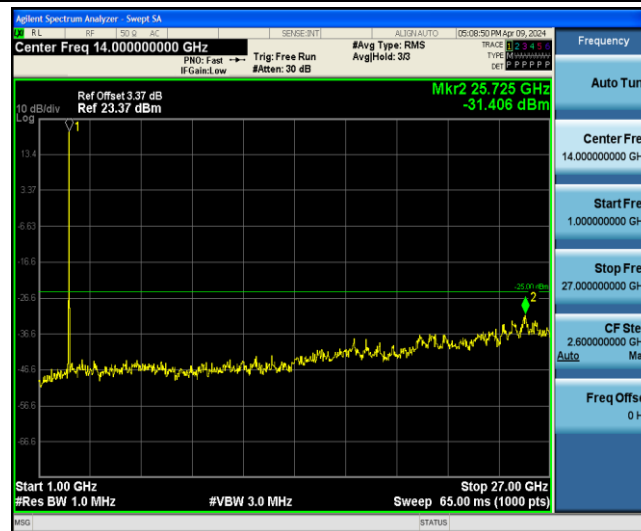
Band38-10MHz-16QAM-38200-1RB#0-Range2:1000~27000MHz



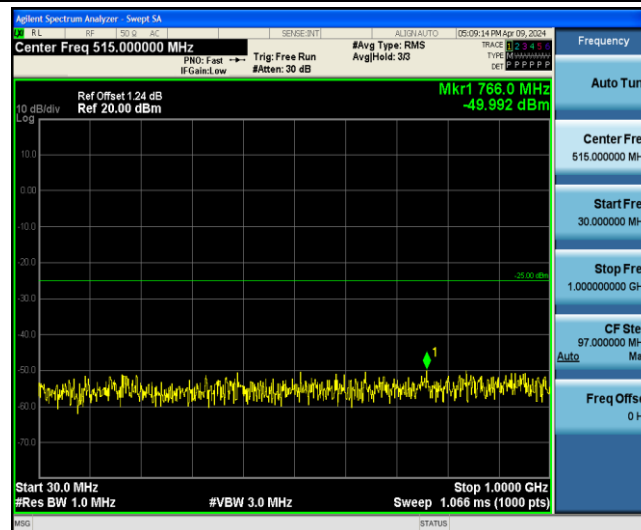
Band38-15MHz-QPSK-37825-1RB#0-Range1:30~1000MHz



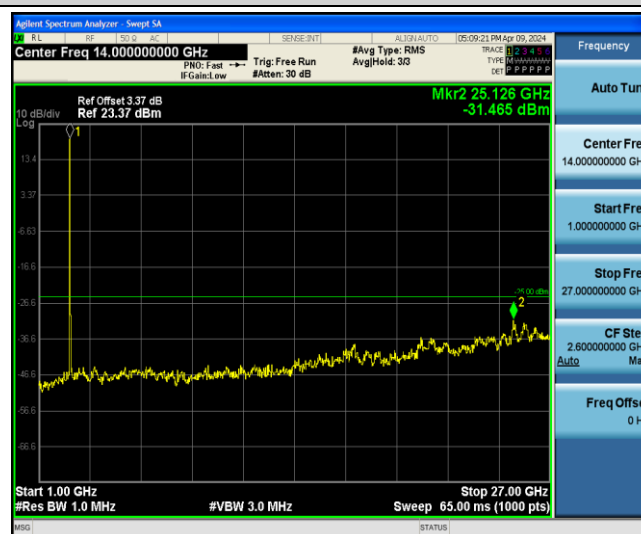
Band38-15MHz-QPSK-37825-1RB#0-Range2:1000~27000MHz



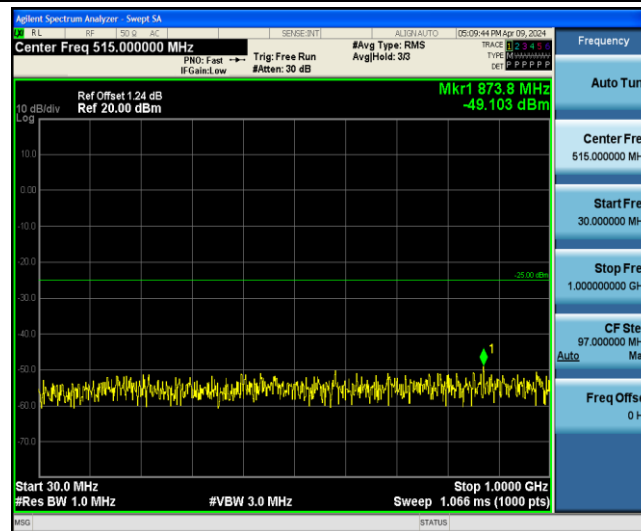
Band38-15MHz-QPSK-38000-1RB#0-Range1:30~1000MHz



Band38-15MHz-QPSK-38000-1RB#0-Range2:1000~27000MHz



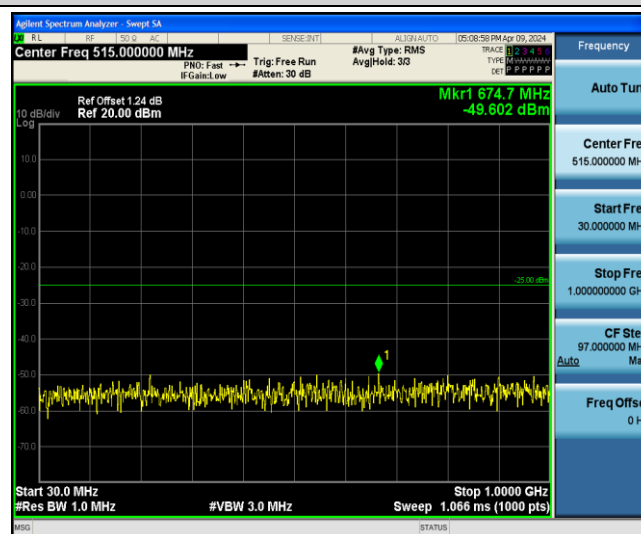
Band38-15MHz-QPSK-38175-1RB#0-Range1:30~1000MHz



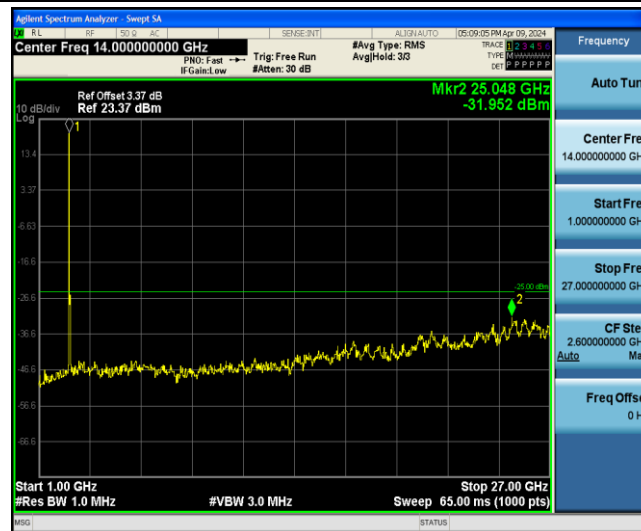
Band38-15MHz-QPSK-38175-1RB#0-Range2:1000~27000MHz



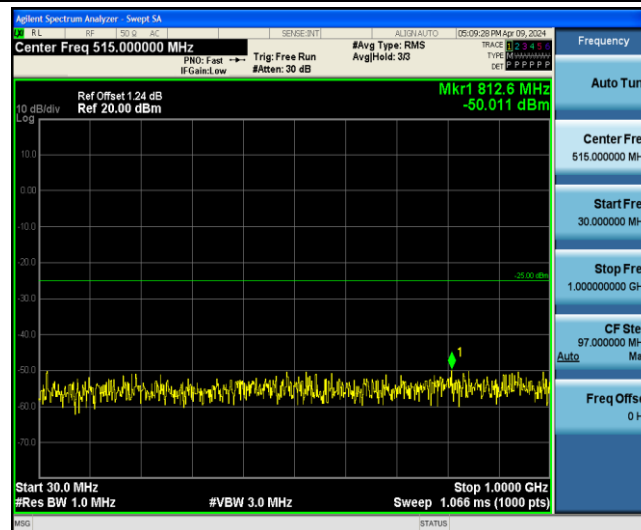
Band38-15MHz-16QAM-37825-1RB#0-Range1:30~1000MHz



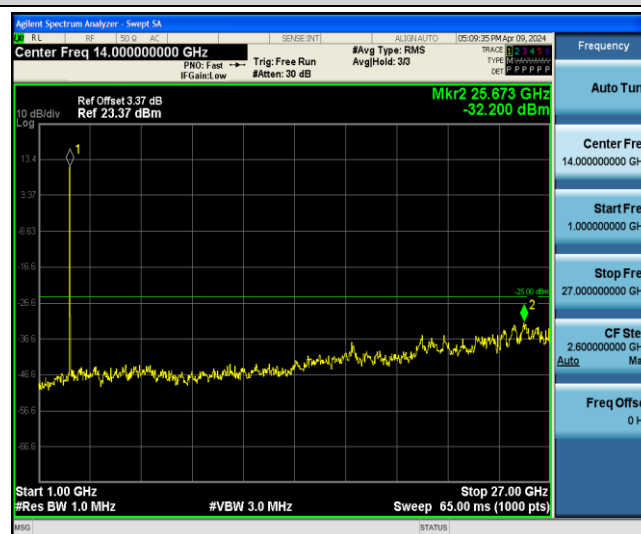
Band38-15MHz-16QAM-37825-1RB#0-Range2:1000~27000MHz



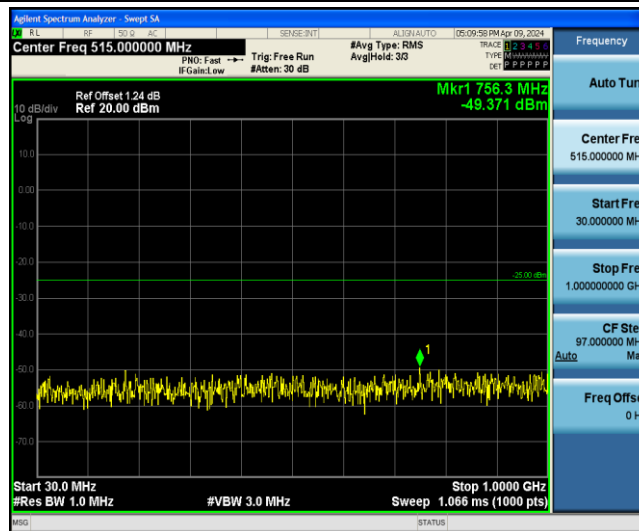
Band38-15MHz-16QAM-38000-1RB#0-Range1:30~1000MHz



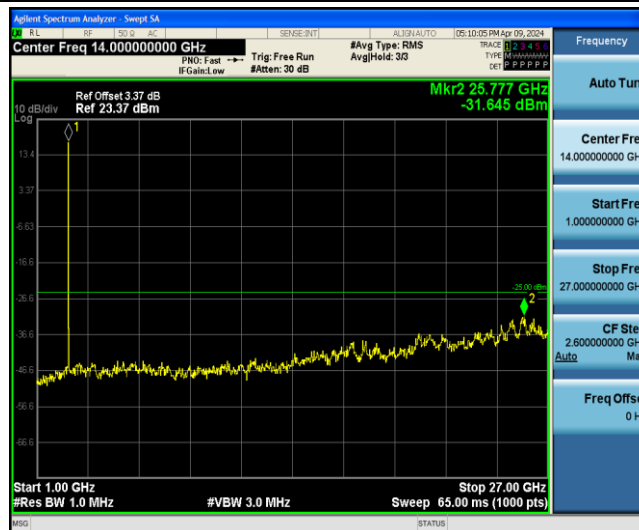
Band38-15MHz-16QAM-38000-1RB#0-Range2:1000~27000MHz



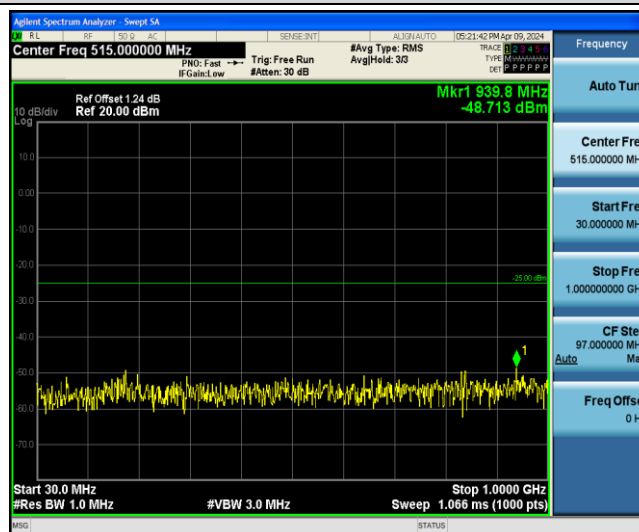
Band38-15MHz-16QAM-38175-1RB#0-Range1:30~1000MHz



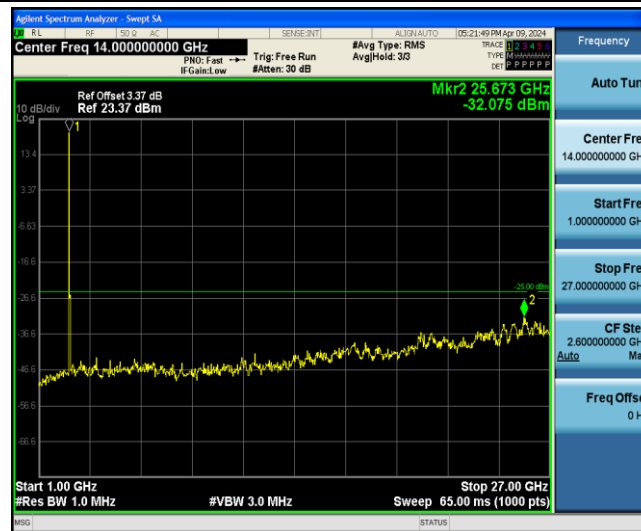
Band38-15MHz-16QAM-38175-1RB#0-Range2:1000~27000MHz



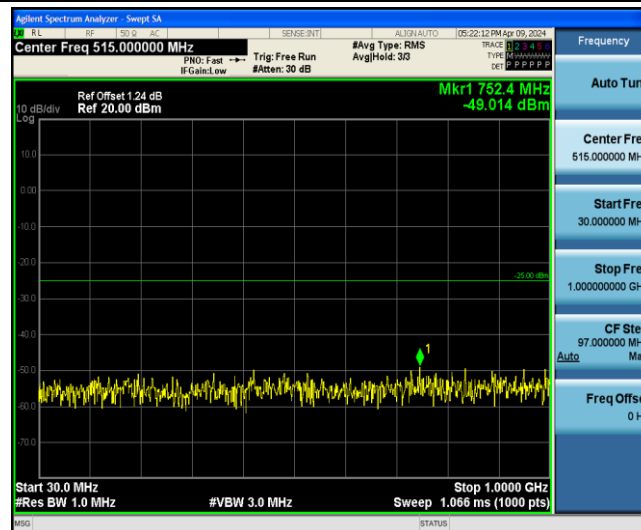
Band38-20MHz-QPSK-37850-1RB#0-Range1:30~1000MHz



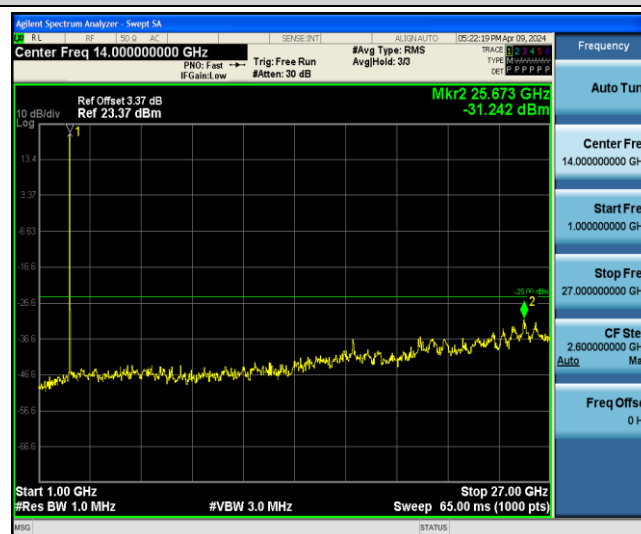
Band38-20MHz-QPSK-37850-1RB#0-Range2:1000~27000MHz



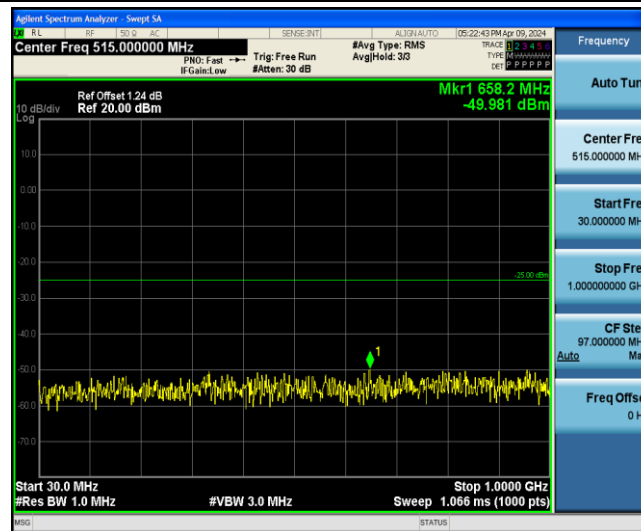
Band38-20MHz-QPSK-38000-1RB#0-Range1:30~1000MHz



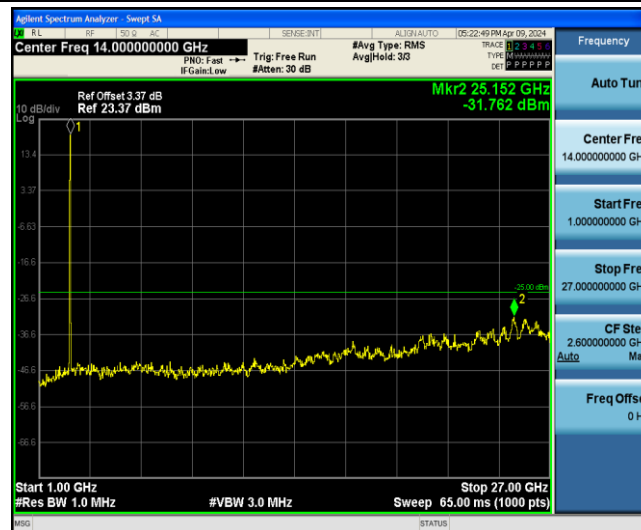
Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~27000MHz



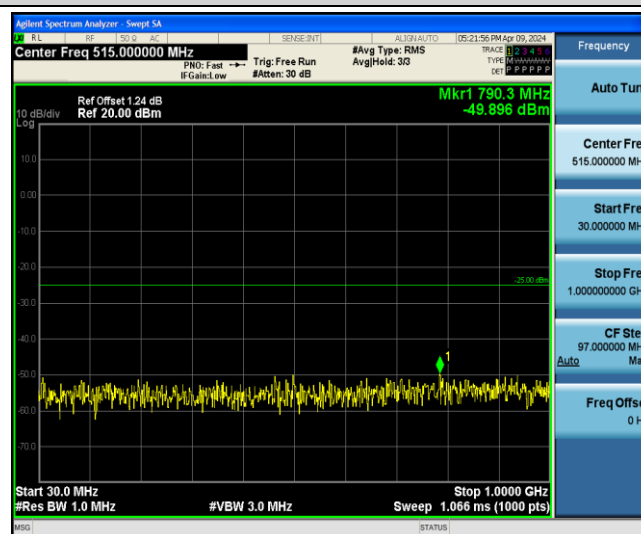
Band38-20MHz-QPSK-38150-1RB#0-Range1:30~1000MHz



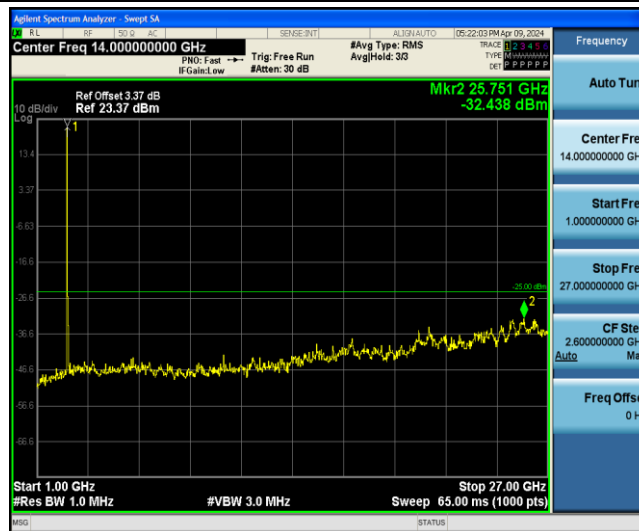
Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~27000MHz



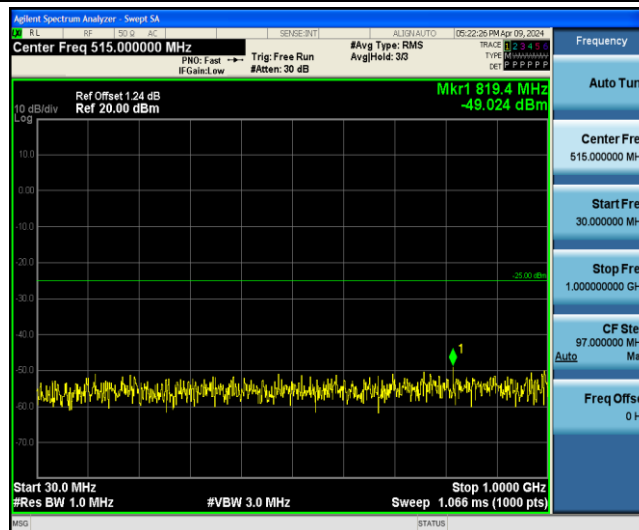
Band38-20MHz-16QAM-37850-1RB#0-Range1:30~1000MHz



Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~27000MHz



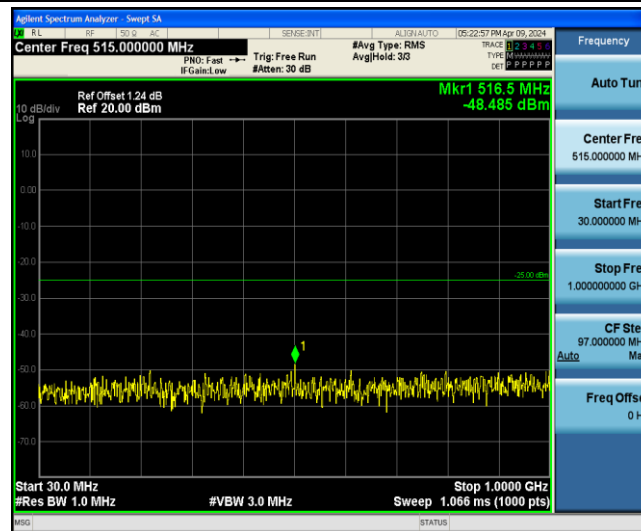
Band38-20MHz-16QAM-38000-1RB#0-Range1:30~1000MHz



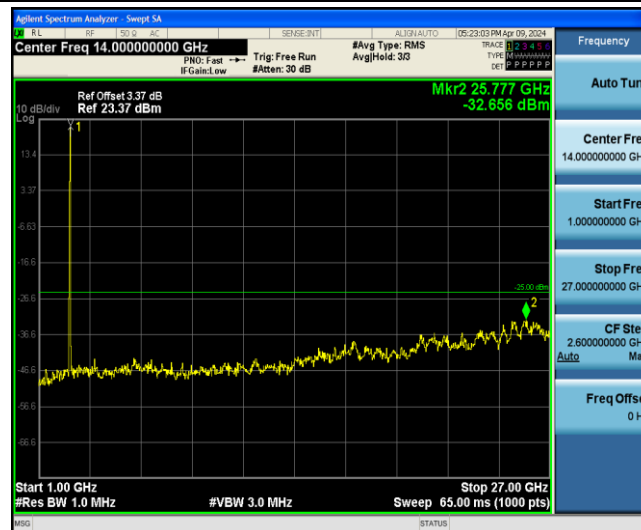
Band38-20MHz-16QAM-38000-1RB#0-Range2:1000~27000MHz



Band38-20MHz-16QAM-38150-1RB#0-Range1:30~1000MHz



Band38-20MHz-16QAM-38150-1RB#0-Range2:1000~27000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band3 8	5MHz	QPSK	37775	25RB#0	VL	NT	4.48	0.001741	±2.5	PASS
Band3 8	5MHz	QPSK	37775	25RB#0	VN	NT	7.78	0.003024	±2.5	PASS
Band3 8	5MHz	QPSK	37775	25RB#0	VH	NT	6.31	0.002453	±2.5	PASS
Band3 8	5MHz	QPSK	38000	25RB#0	VL	NT	8.57	0.003303	±2.5	PASS
Band3 8	5MHz	QPSK	38000	25RB#0	VN	NT	-6.07	-0.002339	±2.5	PASS
Band3 8	5MHz	QPSK	38000	25RB#0	VH	NT	-6.71	-0.002586	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	VL	NT	-8.75	-0.003343	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	VN	NT	-5.85	-0.002235	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	VH	NT	3.86	0.001475	±2.5	PASS
Band3 8	5MHz	16QAM	37775	25RB#0	VL	NT	-4.36	-0.001695	±2.5	PASS
Band3 8	5MHz	16QAM	37775	25RB#0	VN	NT	7.04	0.002737	±2.5	PASS
Band3 8	5MHz	16QAM	37775	25RB#0	VH	NT	7.97	0.003098	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	VL	NT	-7.98	-0.003075	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	VN	NT	9.82	0.003784	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	VH	NT	-8.13	-0.003133	±2.5	PASS
Band3 8	5MHz	16QAM	38225	25RB#0	VL	NT	-3.49	-0.001333	±2.5	PASS
Band3 8	5MHz	16QAM	38225	25RB#0	VN	NT	3.58	0.001368	±2.5	PASS
Band3	5MHz	16QAM	38225	25RB#0	VH	NT	-6.81	-0.002602	±2.5	PASS

8										
Band3 8	10MHz	QPSK	37800	50RB#0	VL	NT	8.13	0.003157	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	VN	NT	-3.65	-0.001417	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	VH	NT	7.00	0.002718	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	VL	NT	-7.31	-0.002817	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	VN	NT	-4.19	-0.001615	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	VH	NT	-4.02	-0.001549	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	VL	NT	7.60	0.002906	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	VN	NT	11.98	0.004581	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	VH	NT	9.40	0.003595	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	VL	NT	-3.90	-0.001515	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	VN	NT	5.87	0.002280	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	VH	NT	5.03	0.001953	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	VL	NT	4.41	0.001699	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	VN	NT	3.96	0.001526	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	VH	NT	6.69	0.002578	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	VL	NT	5.72	0.002187	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	VN	NT	10.21	0.003904	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	VH	NT	4.60	0.001759	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	VL	NT	8.26	0.003205	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	VN	NT	8.76	0.003399	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	VH	NT	7.49	0.002906	±2.5	PASS

Band3 8	15MHz	QPSK	38000	75RB#0	VL	NT	-5.41	-0.002085	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	VN	NT	-10.09	-0.003888	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	VH	NT	6.84	0.002636	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	VL	NT	-7.50	-0.002871	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	VN	NT	9.03	0.003456	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	VH	NT	9.75	0.003732	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	VL	NT	8.89	0.003449	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	VN	NT	10.94	0.004244	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	VH	NT	4.99	0.001936	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	VL	NT	-8.58	-0.003306	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	VN	NT	-5.31	-0.002046	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	VH	NT	-7.05	-0.002717	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	VL	NT	12.88	0.004930	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	VN	NT	6.76	0.002588	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	VH	NT	10.24	0.003920	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	VL	NT	-5.65	-0.002190	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	VN	NT	-9.57	-0.003709	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	VH	NT	8.45	0.003275	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	VL	NT	-6.18	-0.002382	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	VN	NT	-7.26	-0.002798	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	VH	NT	-9.00	-0.003468	±2.5	PASS
Band3	20MHz	QPSK	38150	100RB#0	VL	NT	7.13	0.002732	±2.5	PASS

8										
Band3 8	20MHz	QPSK	38150	100RB#0	VN	NT	-9.98	-0.003824	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	VH	NT	-12.46	-0.004774	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	VL	NT	-10.95	-0.004244	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	VN	NT	5.76	0.002233	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	VH	NT	-5.72	-0.002217	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	VL	NT	-12.04	-0.004640	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	VN	NT	7.18	0.002767	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	VH	NT	-9.06	-0.003491	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	VL	NT	4.03	0.001544	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	VN	NT	-12.17	-0.004663	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	VH	NT	-6.84	-0.002621	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band3 8	5MHz	QPSK	37775	25RB#0	NV	-30	-5.32	-0.002068	±2.5	PASS
Band3 8	5MHz	QPSK	37775	25RB#0	NV	-20	-6.86	-0.002667	±2.5	PASS
Band3 8	5MHz	QPSK	37775	25RB#0	NV	0	-6.86	-0.002667	±2.5	PASS
Band3 8	5MHz	QPSK	37775	25RB#0	NV	10	-6.38	-0.002480	±2.5	PASS
Band3 8	5MHz	QPSK	37775	25RB#0	NV	20	-8.32	-0.003234	±2.5	PASS
Band3 8	5MHz	QPSK	38000	25RB#0	NV	-30	-6.13	-0.002362	±2.5	PASS
Band3 8	5MHz	QPSK	38000	25RB#0	NV	-20	4.92	0.001896	±2.5	PASS
Band3	5MHz	QPSK	38000	25RB#0	NV	0	6.25	0.002408	±2.5	PASS

8										
Band3 8	5MHz	QPSK	38000	25RB#0	NV	10	6.20	0.002389	±2.5	PASS
Band3 8	5MHz	QPSK	38000	25RB#0	NV	20	-6.51	-0.002509	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	NV	-30	-6.19	-0.002365	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	NV	-20	-6.93	-0.002648	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	NV	0	4.25	0.001624	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	NV	10	-8.51	-0.003251	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	NV	20	7.44	0.002842	±2.5	PASS
Band3 8	5MHz	16QAM	37775	25RB#0	NV	-30	3.69	0.001434	±2.5	PASS
Band3 8	5MHz	16QAM	37775	25RB#0	NV	-20	-10.91	-0.004241	±2.5	PASS
Band3 8	5MHz	16QAM	37775	25RB#0	NV	0	-9.59	-0.003728	±2.5	PASS
Band3 8	5MHz	16QAM	37775	25RB#0	NV	10	4.98	0.001936	±2.5	PASS
Band3 8	5MHz	16QAM	37775	25RB#0	NV	20	5.53	0.002150	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	NV	-30	-4.35	-0.001676	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	NV	-20	-9.54	-0.003676	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	NV	0	7.02	0.002705	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	NV	10	-5.47	-0.002108	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	NV	20	-5.56	-0.002143	±2.5	PASS
Band3 8	5MHz	16QAM	38225	25RB#0	NV	-30	6.17	0.002357	±2.5	PASS
Band3 8	5MHz	16QAM	38225	25RB#0	NV	-20	7.35	0.002808	±2.5	PASS
Band3 8	5MHz	16QAM	38225	25RB#0	NV	0	-4.68	-0.001788	±2.5	PASS
Band3 8	5MHz	16QAM	38225	25RB#0	NV	10	6.21	0.002372	±2.5	PASS

Band3 8	5MHz	16QAM	38225	25RB#0	NV	20	3.69	0.001410	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	NV	-30	3.94	0.001530	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	NV	-20	6.47	0.002513	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	NV	0	8.08	0.003138	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	NV	10	3.83	0.001487	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	NV	20	11.49	0.004462	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	NV	-30	-7.04	-0.002713	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	NV	-20	-5.07	-0.001954	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	NV	0	-6.87	-0.002647	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	NV	10	-9.69	-0.003734	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	NV	20	-5.97	-0.002301	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	NV	-30	12.03	0.004600	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	NV	-20	9.89	0.003782	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	NV	0	7.50	0.002868	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	NV	10	11.37	0.004348	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	NV	20	9.19	0.003514	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	NV	-30	8.17	0.003173	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	NV	-20	9.08	0.003526	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	NV	0	9.90	0.003845	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	NV	10	11.02	0.004280	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	NV	20	8.45	0.003282	±2.5	PASS
Band3	10MHz	16QAM	38000	50RB#0	NV	-30	-4.78	-0.001842	±2.5	PASS

8										
Band3 8	10MHz	16QAM	38000	50RB#0	NV	-20	-7.05	-0.002717	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	NV	0	-5.39	-0.002077	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	NV	10	-12.97	-0.004998	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	NV	20	-6.28	-0.002420	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	NV	-30	5.48	0.002096	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	NV	-20	10.26	0.003924	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	NV	0	10.01	0.003828	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	NV	10	10.16	0.003885	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	NV	20	10.08	0.003855	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	NV	-30	9.16	0.003554	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	NV	-20	-4.92	-0.001909	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	NV	0	6.36	0.002468	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	NV	10	8.46	0.003282	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	NV	20	-4.36	-0.001692	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	NV	-30	-8.16	-0.003145	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	NV	-20	-8.87	-0.003418	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	NV	0	5.32	0.002050	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	NV	10	3.34	0.001287	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	NV	20	-4.88	-0.001881	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	NV	-30	9.00	0.003445	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	NV	-20	-6.03	-0.002308	±2.5	PASS

Band3 8	15MHz	QPSK	38175	75RB#0	NV	0	5.51	0.002109	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	NV	10	-6.03	-0.002308	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	NV	20	8.69	0.003326	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	NV	-30	11.11	0.004310	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	NV	-20	6.41	0.002487	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	NV	0	13.35	0.005179	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	NV	10	-5.57	-0.002161	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	NV	20	6.32	0.002452	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	NV	-30	-8.63	-0.003326	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	NV	-20	6.81	0.002624	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	NV	0	4.61	0.001776	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	NV	10	7.73	0.002979	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	NV	20	-4.62	-0.001780	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	NV	-30	10.02	0.003835	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	NV	-20	-5.05	-0.001933	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	NV	0	-5.91	-0.002262	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	NV	10	-7.46	-0.002856	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	NV	20	5.78	0.002212	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	NV	-30	7.01	0.002717	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	NV	-20	5.04	0.001953	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	NV	0	7.14	0.002767	±2.5	PASS
Band3	20MHz	QPSK	37850	100RB#0	NV	10	-12.05	-0.004671	±2.5	PASS

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Band3 8	20MHz	QPSK	37850	100RB#0	NV	20	-9.00	-0.003488	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	NV	-30	6.40	0.002466	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	NV	-20	-12.63	-0.004867	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	NV	0	-10.67	-0.004112	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	NV	10	-9.55	-0.003680	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	NV	20	-10.46	-0.004031	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	NV	-30	-8.81	-0.003375	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	NV	-20	-12.60	-0.004828	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	NV	0	-14.84	-0.005686	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	NV	10	-14.46	-0.005540	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	NV	20	-8.91	-0.003414	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	NV	-30	8.33	0.003229	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	NV	-20	-6.36	-0.002465	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	NV	0	-9.22	-0.003574	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	NV	10	-5.42	-0.002101	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	NV	20	7.61	0.002950	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	NV	-30	-7.17	-0.002763	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	NV	-20	-5.96	-0.002297	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	NV	0	-11.37	-0.004382	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	NV	10	-7.36	-0.002836	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	NV	20	-10.05	-0.003873	±2.5	PASS

Band3 8	20MHz	16QAM	38150	100RB#0	NV	-30	-7.78	-0.002981	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	NV	-20	6.88	0.002636	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	NV	0	-11.07	-0.004241	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	NV	10	-8.35	-0.003199	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	NV	20	5.47	0.002096	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band38	5MHz	QPSK	37775	25RB#0	PASS	PASS
Band38	5MHz	QPSK	38000	25RB#0	PASS	PASS
Band38	5MHz	QPSK	38225	25RB#0	PASS	PASS
Band38	5MHz	16QAM	37775	25RB#0	PASS	PASS
Band38	5MHz	16QAM	38000	25RB#0	PASS	PASS
Band38	5MHz	16QAM	38225	25RB#0	PASS	PASS
Band38	10MHz	QPSK	37800	50RB#0	PASS	PASS
Band38	10MHz	QPSK	38000	50RB#0	PASS	PASS
Band38	10MHz	QPSK	38200	50RB#0	PASS	PASS
Band38	10MHz	16QAM	37800	50RB#0	PASS	PASS
Band38	10MHz	16QAM	38000	50RB#0	PASS	PASS
Band38	10MHz	16QAM	38200	50RB#0	PASS	PASS
Band38	15MHz	QPSK	37825	75RB#0	PASS	PASS
Band38	15MHz	QPSK	38000	75RB#0	PASS	PASS
Band38	15MHz	QPSK	38175	75RB#0	PASS	PASS
Band38	15MHz	16QAM	37825	75RB#0	PASS	PASS
Band38	15MHz	16QAM	38000	75RB#0	PASS	PASS
Band38	15MHz	16QAM	38175	75RB#0	PASS	PASS
Band38	20MHz	QPSK	37850	100RB#0	PASS	PASS
Band38	20MHz	QPSK	38000	100RB#0	PASS	PASS
Band38	20MHz	QPSK	38150	100RB#0	PASS	PASS
Band38	20MHz	16QAM	37850	100RB#0	PASS	PASS
Band38	20MHz	16QAM	38000	100RB#0	PASS	PASS
Band38	20MHz	16QAM	38150	100RB#0	PASS	PASS