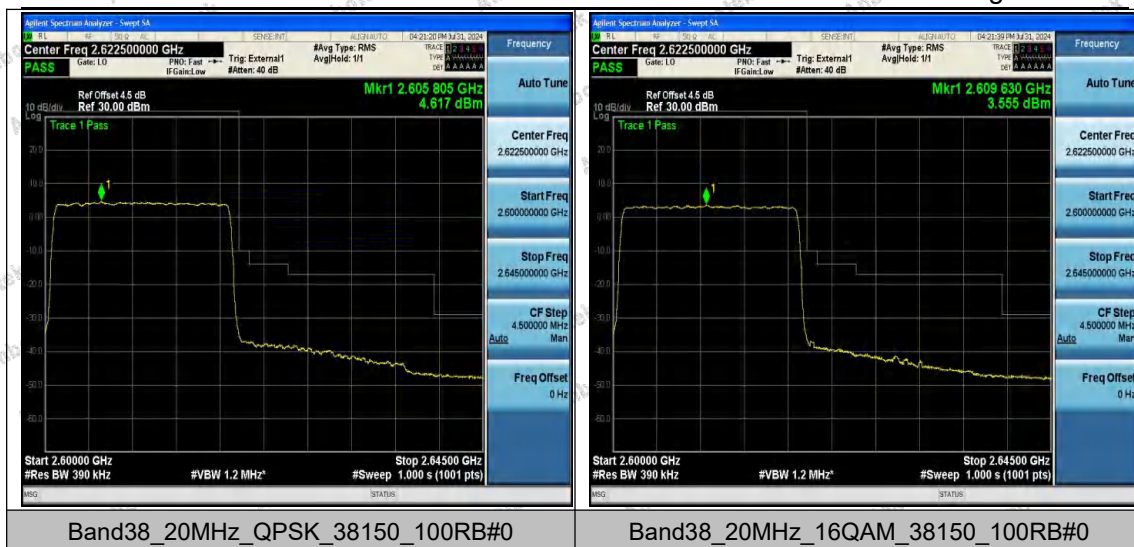




Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	0.009~0.15	-68.81	PASS
Band38	5MHz	QPSK	37775	1RB#0	0.15~30	-59.38	PASS
Band38	5MHz	QPSK	37775	1RB#0	30~1000	-65.85	PASS
Band38	5MHz	QPSK	37775	1RB#0	20000~27000	-41.21	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.009~0.15	-69.13	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.15~30	-62.45	PASS
Band38	5MHz	16QAM	37775	1RB#0	30~1000	-65.87	PASS
Band38	5MHz	16QAM	37775	1RB#0	20000~27000	-41.47	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.009~0.15	-67.11	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.15~30	-67.32	PASS
Band38	5MHz	QPSK	38000	1RB#0	30~1000	-64.40	PASS
Band38	5MHz	QPSK	38000	1RB#0	20000~27000	-41.18	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.009~0.15	-68.90	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.15~30	-64.91	PASS
Band38	5MHz	16QAM	38000	1RB#0	30~1000	-64.76	PASS
Band38	5MHz	16QAM	38000	1RB#0	20000~27000	-41.40	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.009~0.15	-68.87	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.15~30	-65.70	PASS
Band38	5MHz	QPSK	38225	1RB#0	30~1000	-63.45	PASS
Band38	5MHz	QPSK	38225	1RB#0	20000~27000	-41.36	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.009~0.15	-68.34	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.15~30	-66.26	PASS
Band38	5MHz	16QAM	38225	1RB#0	30~1000	-65.77	PASS
Band38	5MHz	16QAM	38225	1RB#0	20000~27000	-41.35	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.009~0.15	-65.75	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.15~30	-60.08	PASS
Band38	10MHz	QPSK	37800	1RB#0	30~1000	-66.20	PASS
Band38	10MHz	QPSK	37800	1RB#0	20000~27000	-40.97	PASS
Band38	10MHz	16QAM	37800	1RB#0	0.009~0.15	-67.81	PASS
Band38	10MHz	16QAM	37800	1RB#0	0.15~30	-62.12	PASS
Band38	10MHz	16QAM	37800	1RB#0	30~1000	-66.28	PASS
Band38	10MHz	16QAM	37800	1RB#0	20000~27000	-40.98	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.009~0.15	-65.81	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.15~30	-60.85	PASS
Band38	10MHz	QPSK	38000	1RB#0	30~1000	-66.20	PASS
Band38	10MHz	QPSK	38000	1RB#0	20000~27000	-41.10	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.009~0.15	-67.00	PASS

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Band38	10MHz	16QAM	38000	1RB#0	0.15~30	-63.05	PASS
Band38	10MHz	16QAM	38000	1RB#0	30~1000	-66.13	PASS
Band38	10MHz	16QAM	38000	1RB#0	20000~27000	-41.33	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.009~0.15	-68.09	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.15~30	-66.13	PASS
Band38	10MHz	QPSK	38200	1RB#0	30~1000	-63.70	PASS
Band38	10MHz	QPSK	38200	1RB#0	20000~27000	-41.24	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.009~0.15	-69.92	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.15~30	-66.30	PASS
Band38	10MHz	16QAM	38200	1RB#0	30~1000	-65.42	PASS
Band38	10MHz	16QAM	38200	1RB#0	20000~27000	-41.12	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.009~0.15	-69.76	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.15~30	-60.45	PASS
Band38	15MHz	QPSK	37825	1RB#0	30~1000	-65.74	PASS
Band38	15MHz	QPSK	37825	1RB#0	20000~27000	-41.41	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.009~0.15	-69.49	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.15~30	-63.41	PASS
Band38	15MHz	16QAM	37825	1RB#0	30~1000	-66.17	PASS
Band38	15MHz	16QAM	37825	1RB#0	20000~27000	-41.44	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.009~0.15	-69.84	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.15~30	-59.36	PASS
Band38	15MHz	QPSK	38000	1RB#0	30~1000	-65.62	PASS
Band38	15MHz	QPSK	38000	1RB#0	20000~27000	-41.38	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.009~0.15	-67.76	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.15~30	-62.47	PASS
Band38	15MHz	16QAM	38000	1RB#0	30~1000	-66.12	PASS
Band38	15MHz	16QAM	38000	1RB#0	20000~27000	-41.47	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.009~0.15	-69.76	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.15~30	-65.29	PASS
Band38	15MHz	QPSK	38175	1RB#0	30~1000	-63.88	PASS
Band38	15MHz	QPSK	38175	1RB#0	20000~27000	-41.39	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.009~0.15	-69.21	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.15~30	-66.39	PASS
Band38	15MHz	16QAM	38175	1RB#0	30~1000	-65.51	PASS
Band38	15MHz	16QAM	38175	1RB#0	20000~27000	-40.95	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.009~0.15	-68.38	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.15~30	-60.72	PASS
Band38	20MHz	QPSK	37850	1RB#0	30~1000	-66.43	PASS
Band38	20MHz	QPSK	37850	1RB#0	20000~27000	-41.34	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.009~0.15	-67.98	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.15~30	-62.56	PASS
Band38	20MHz	16QAM	37850	1RB#0	30~1000	-66.30	PASS

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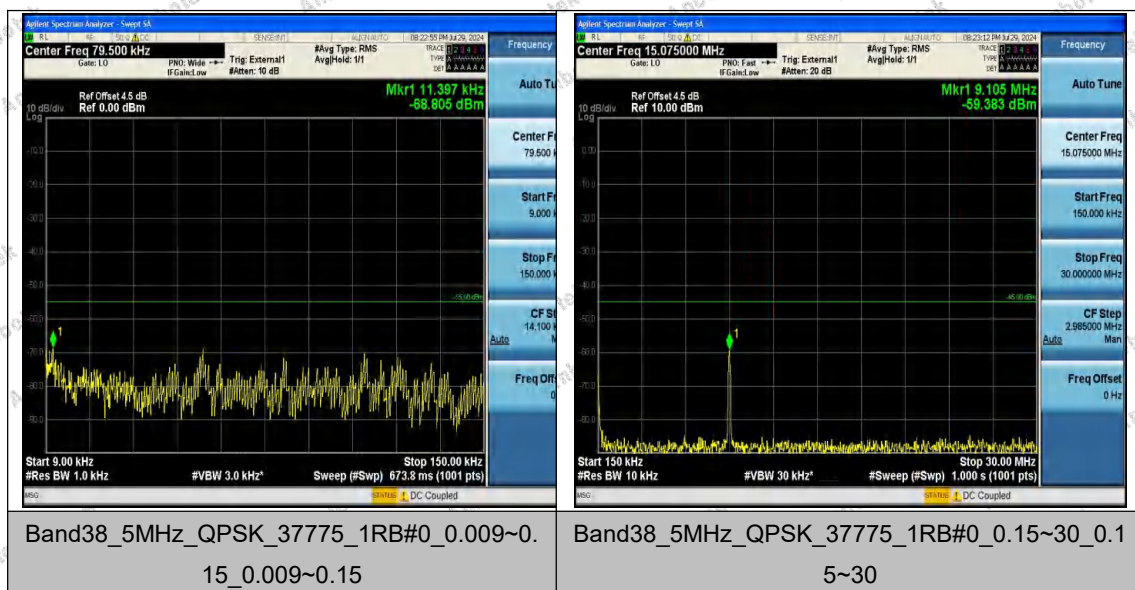
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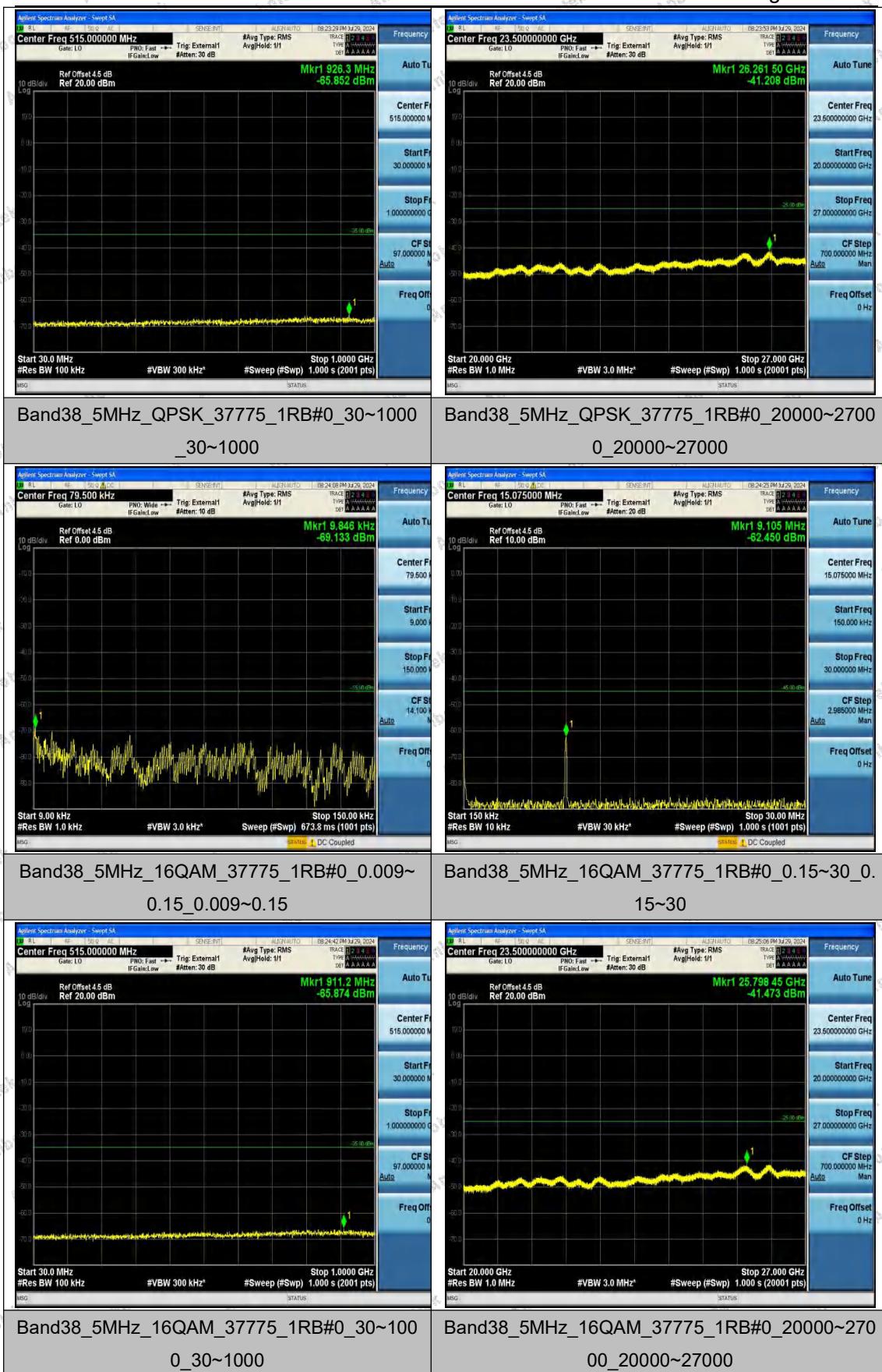
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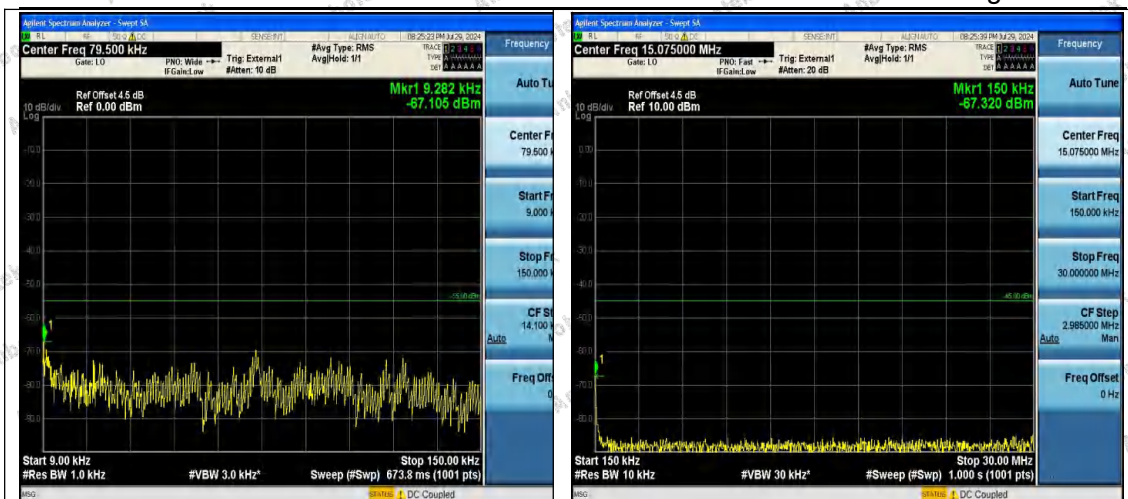


Band38	20MHz	16QAM	37850	1RB#0	20000~27000	-41.39	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.009~0.15	-68.25	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.15~30	-60.83	PASS
Band38	20MHz	QPSK	38000	1RB#0	30~1000	-66.07	PASS
Band38	20MHz	QPSK	38000	1RB#0	20000~27000	-41.36	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.009~0.15	-68.91	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.15~30	-63.07	PASS
Band38	20MHz	16QAM	38000	1RB#0	30~1000	-66.27	PASS
Band38	20MHz	16QAM	38000	1RB#0	20000~27000	-41.50	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.009~0.15	-65.71	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.15~30	-63.55	PASS
Band38	20MHz	QPSK	38150	1RB#0	30~1000	-66.05	PASS
Band38	20MHz	QPSK	38150	1RB#0	20000~27000	-41.31	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.009~0.15	-69.13	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.15~30	-64.70	PASS
Band38	20MHz	16QAM	38150	1RB#0	30~1000	-64.35	PASS
Band38	20MHz	16QAM	38150	1RB#0	20000~27000	-41.47	PASS

Test Graphs

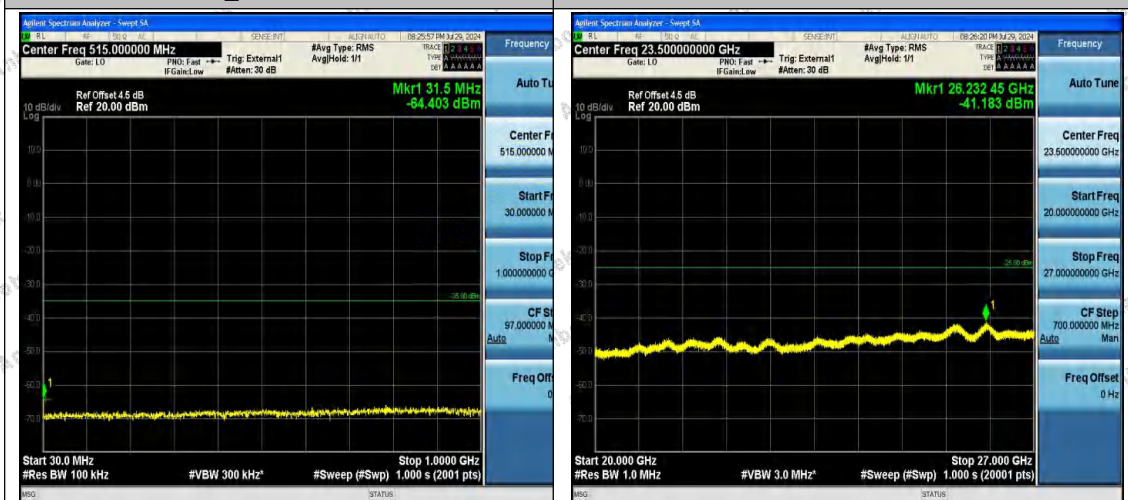






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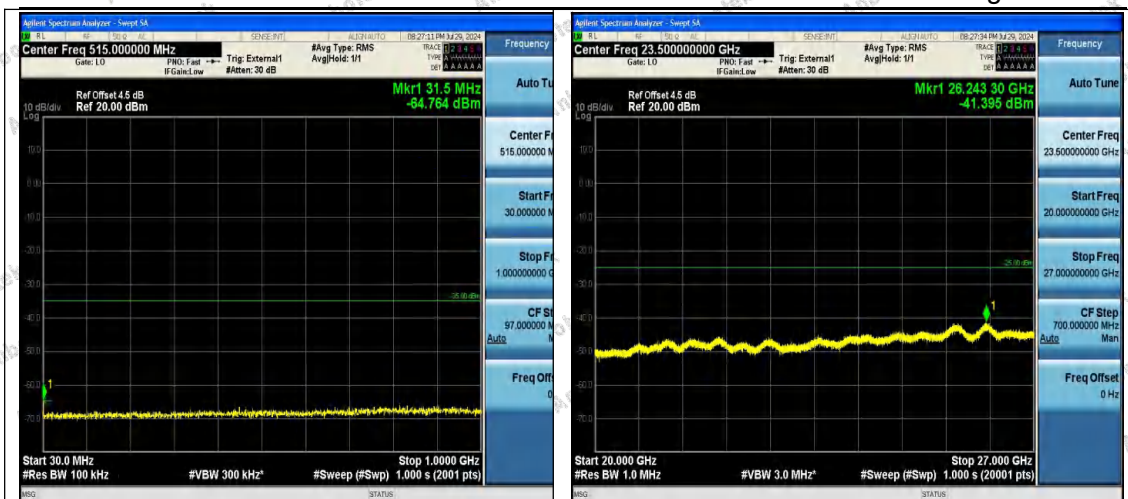
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Band38_5MHz_16QAM_38000_1RB#0_0.009~0.15_0.009~0.15

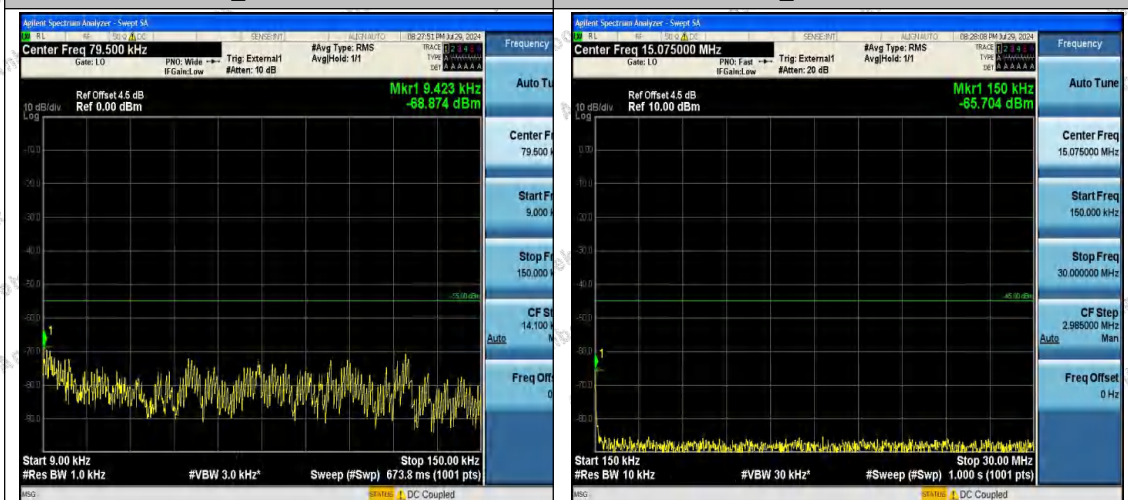
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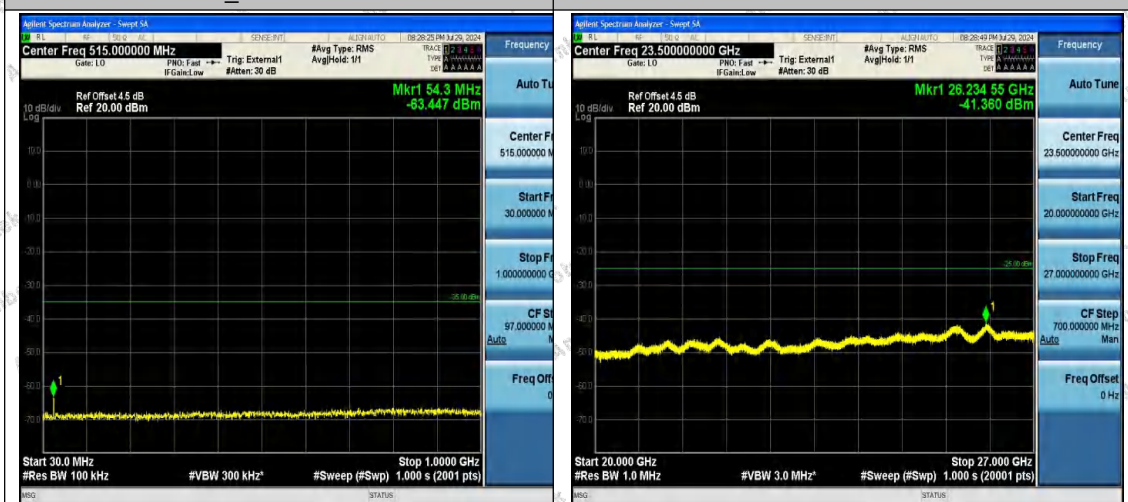
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0_30~1000

Band38_5MHz_16QAM_38000_1RB#0_20000~270
00_20000~27000



Band38_5MHz_QPSK_38225_1RB#0_0.009~0.
15_0.009~0.15

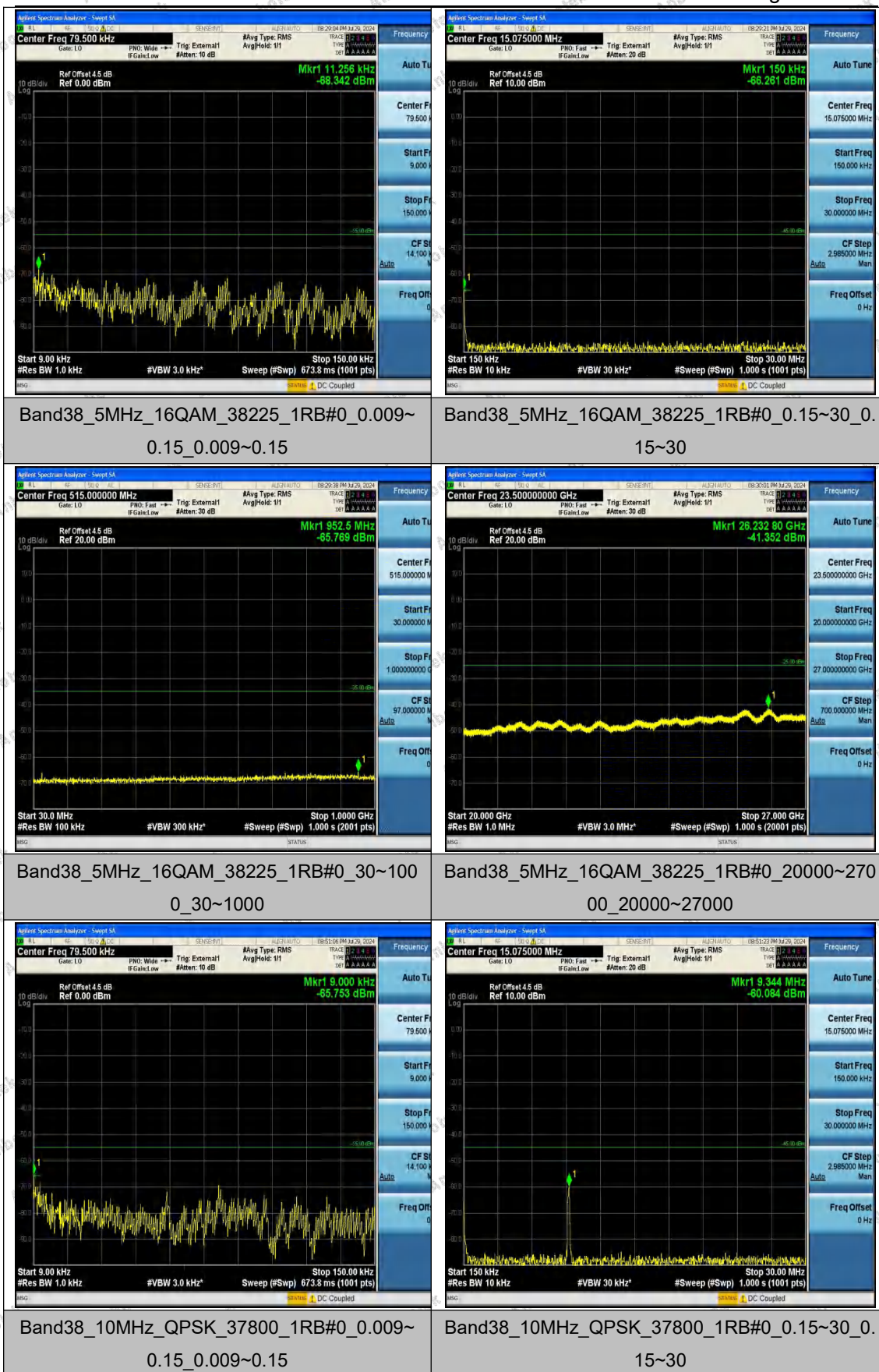
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5~30

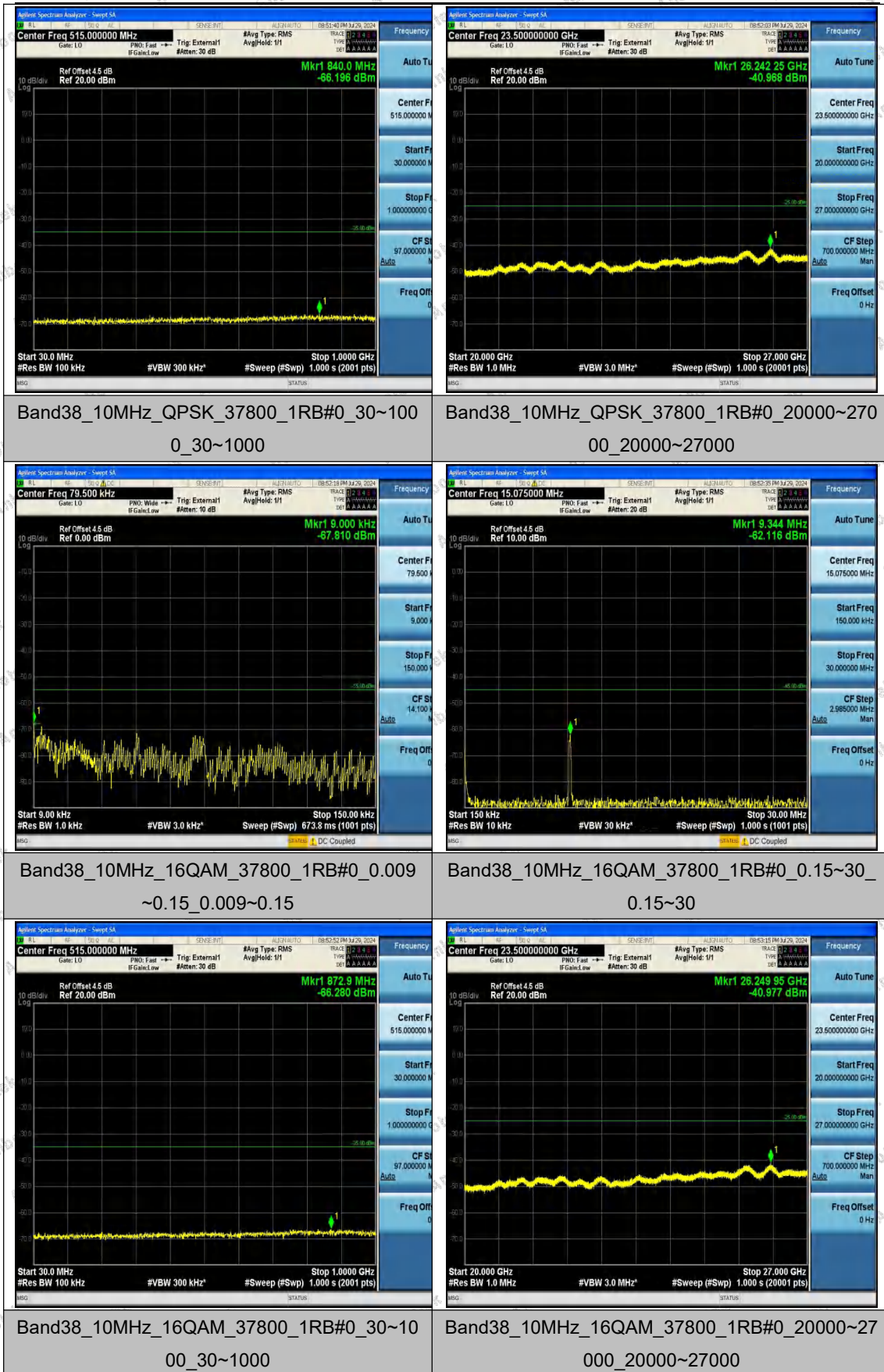


Band38_5MHz_QPSK_38225_1RB#0_30~1000
_30~1000

Band38_5MHz_QPSK_38225_1RB#0_20000~2700
0_20000~27000







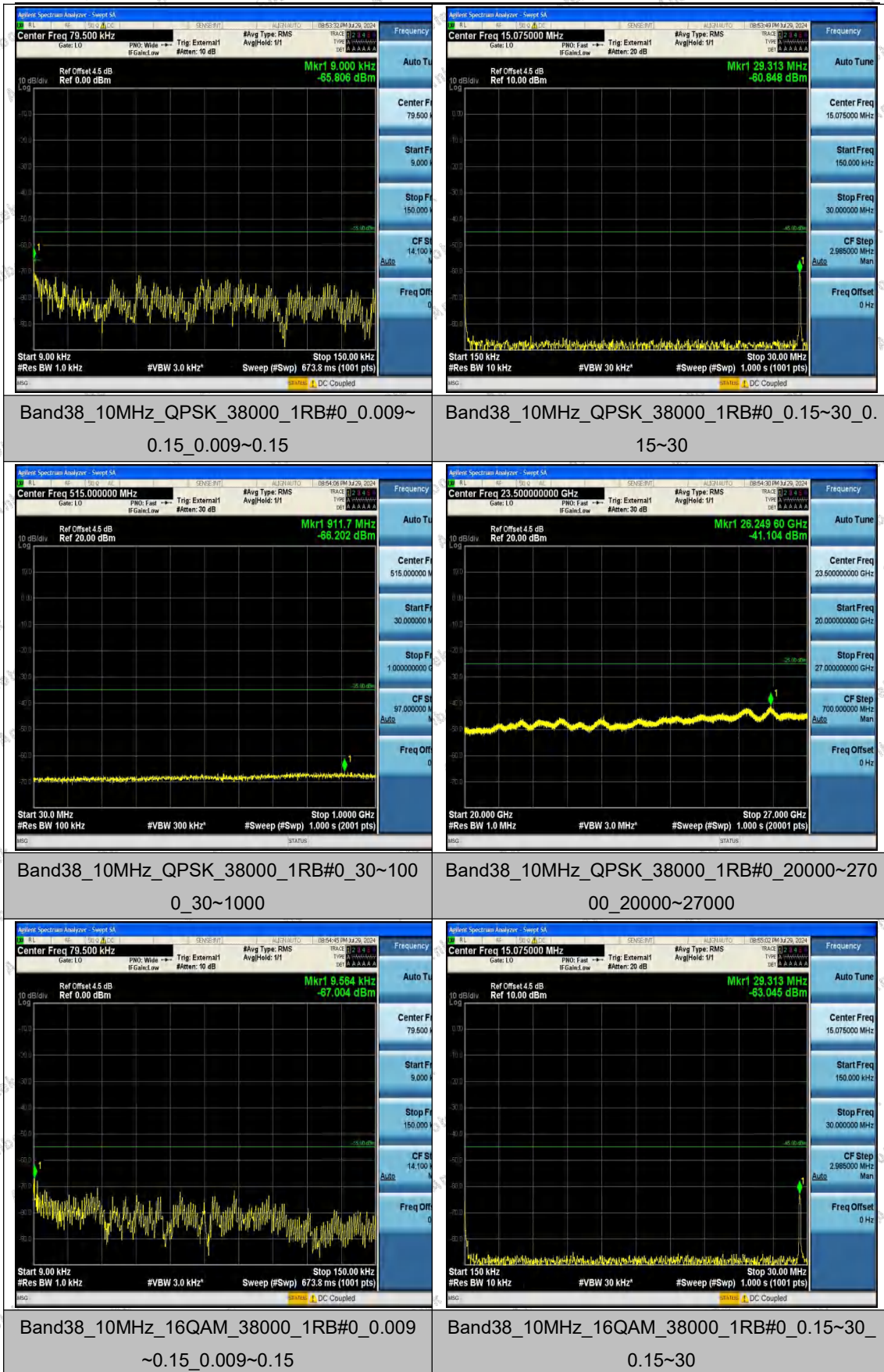
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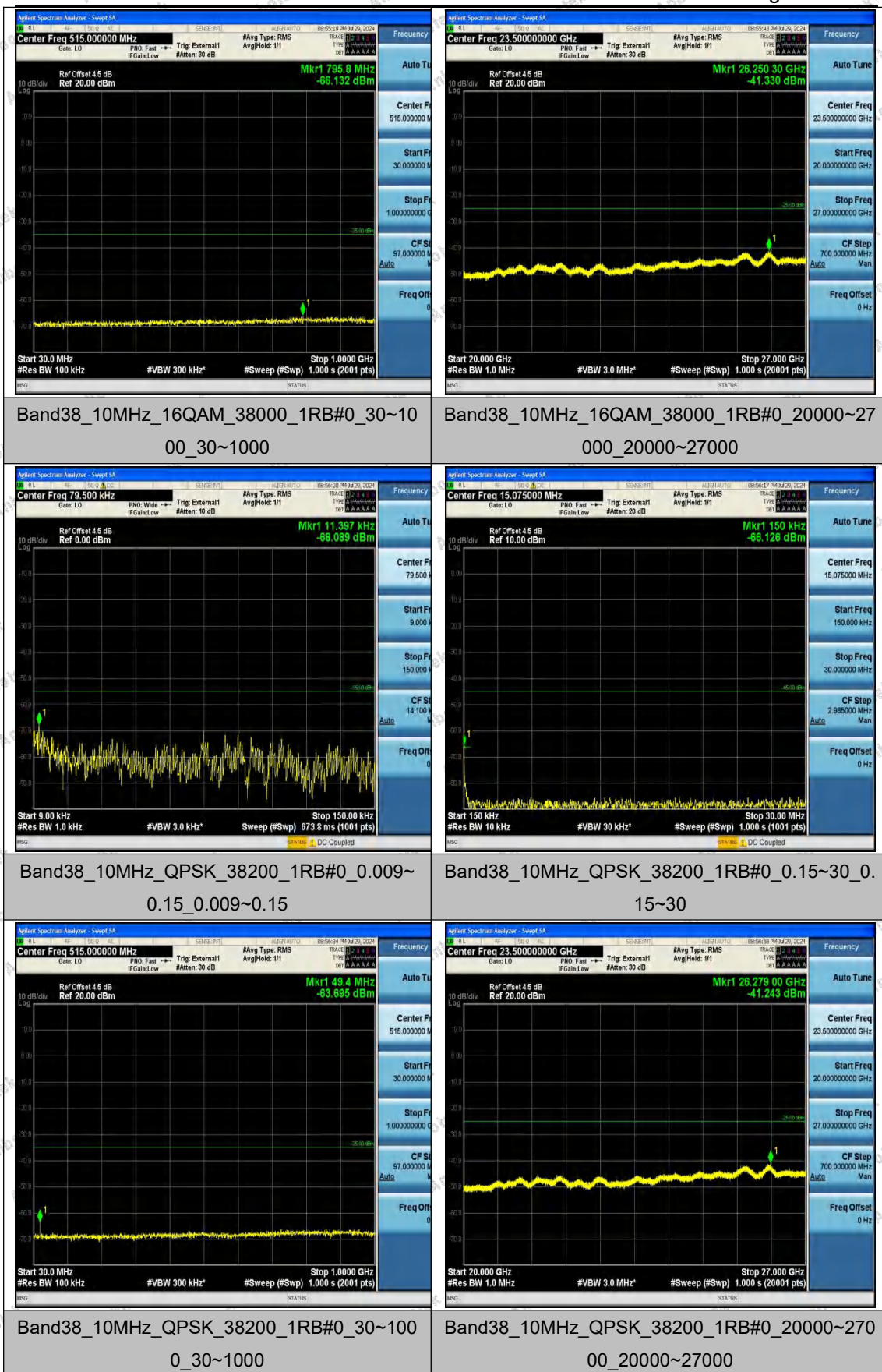
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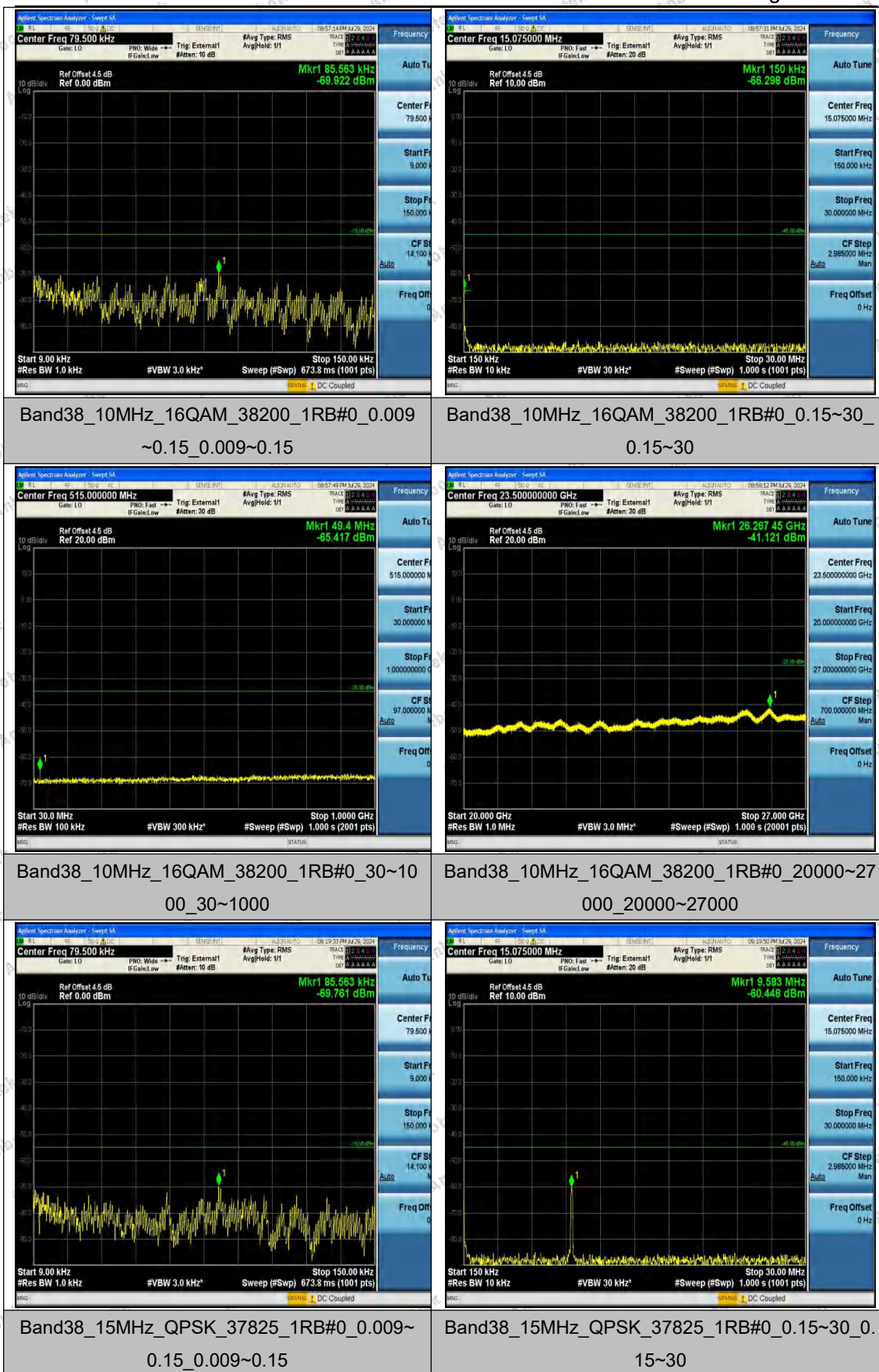


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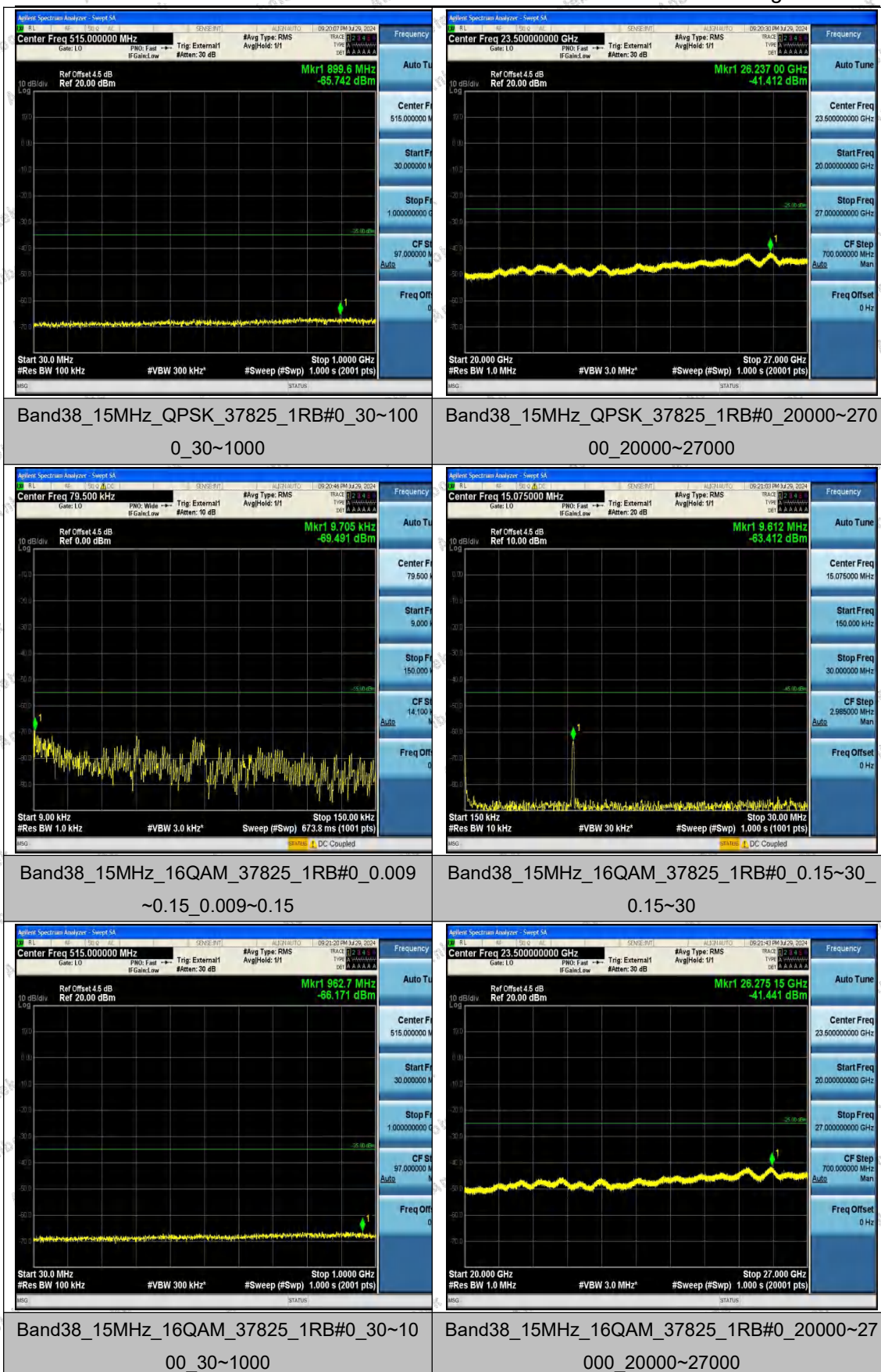


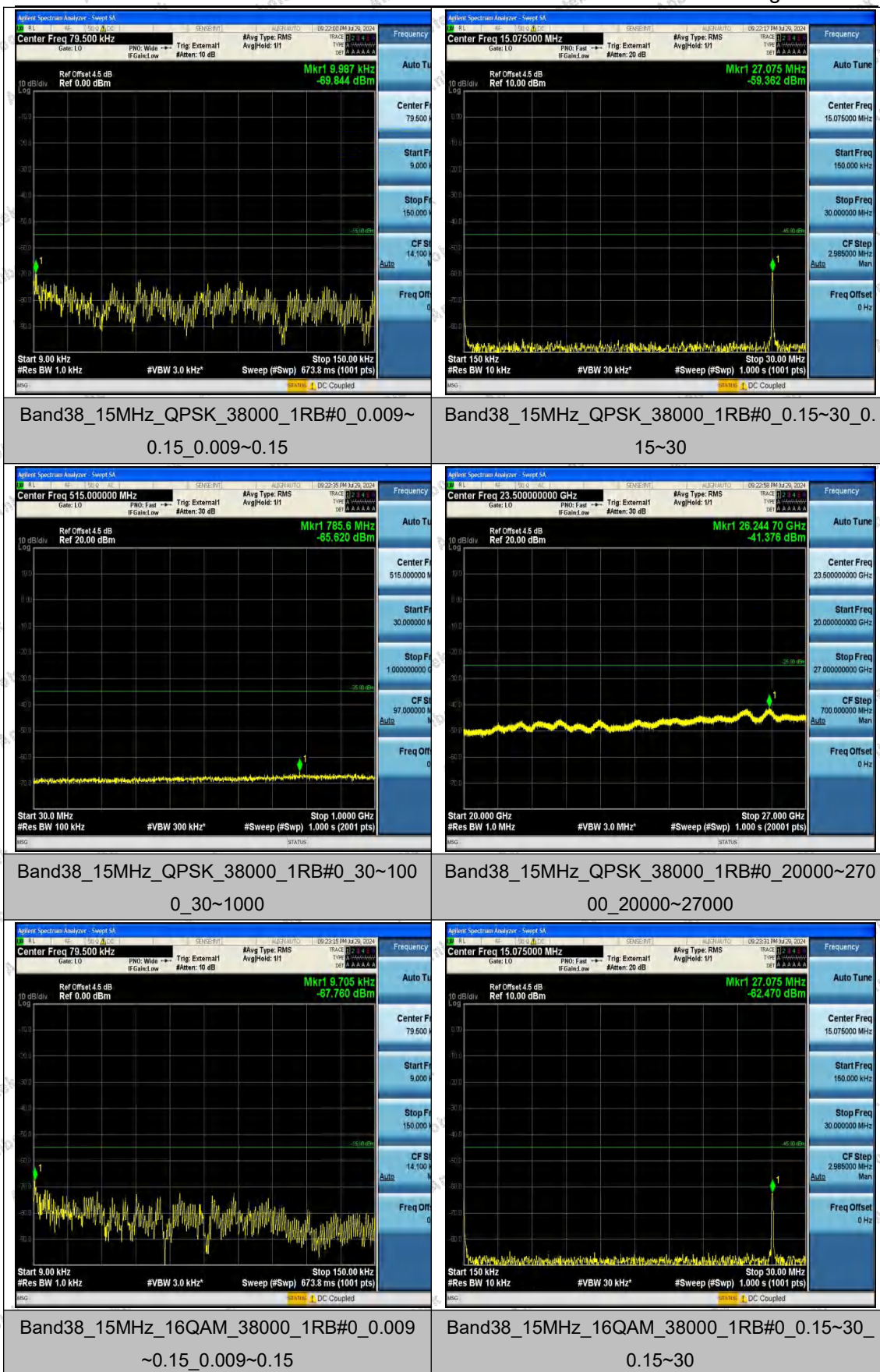
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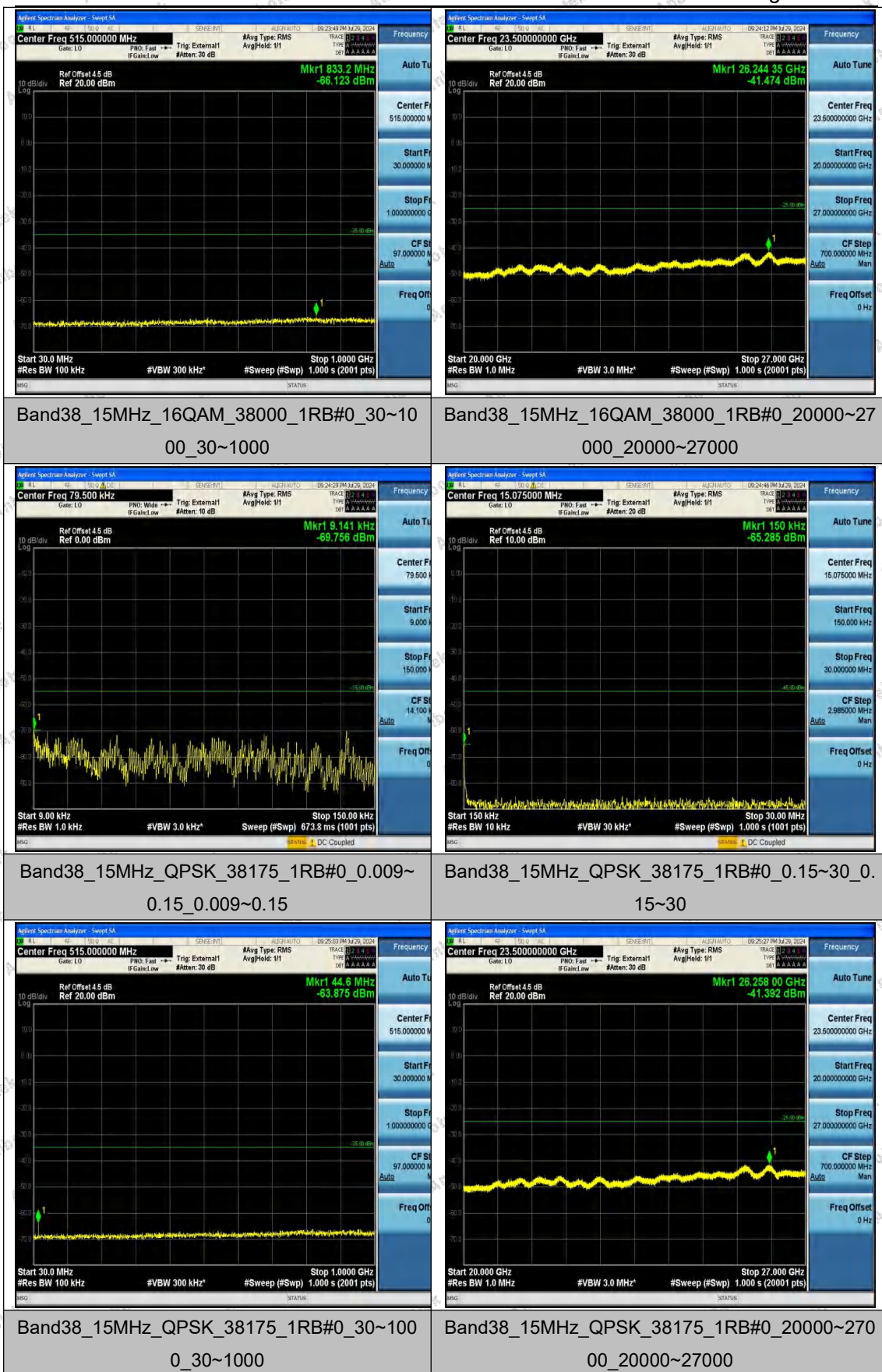
400-003-0500

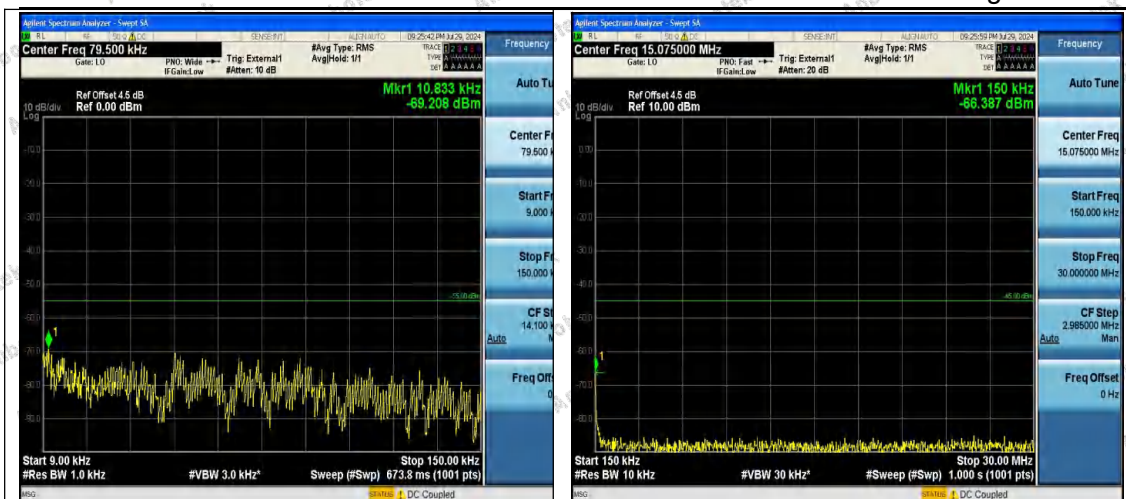
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Band38_15MHz_16QAM_38175_1RB#0_0.009
~0.15_0.009~0.15

Band38_15MHz_16QAM_38175_1RB#0_0.15~30_
0.15~30



Band38_15MHz_16QAM_38175_1RB#0_30~10
00_30~1000

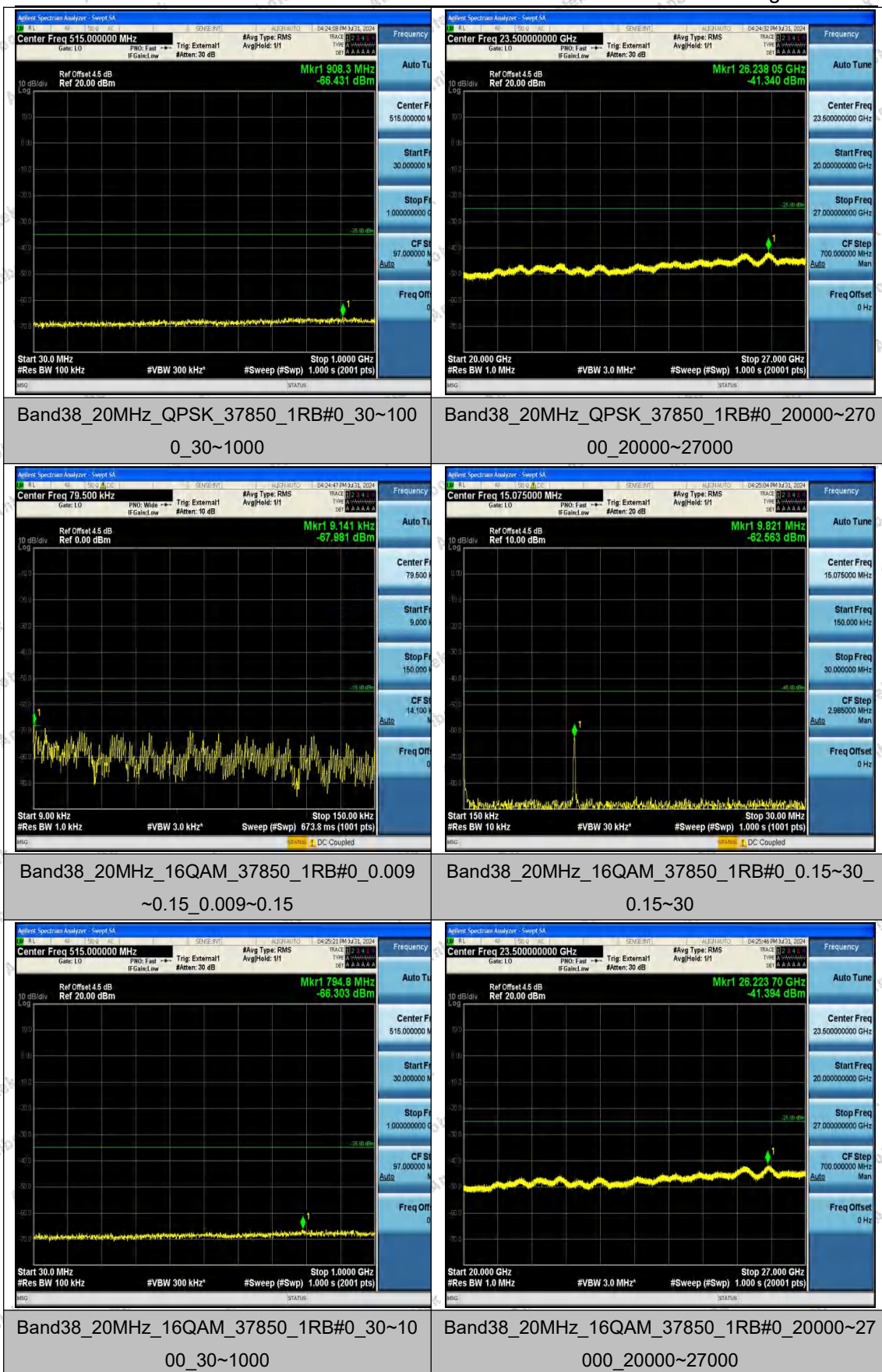
Band38_15MHz_16QAM_38175_1RB#0_20000~27
000_20000~27000

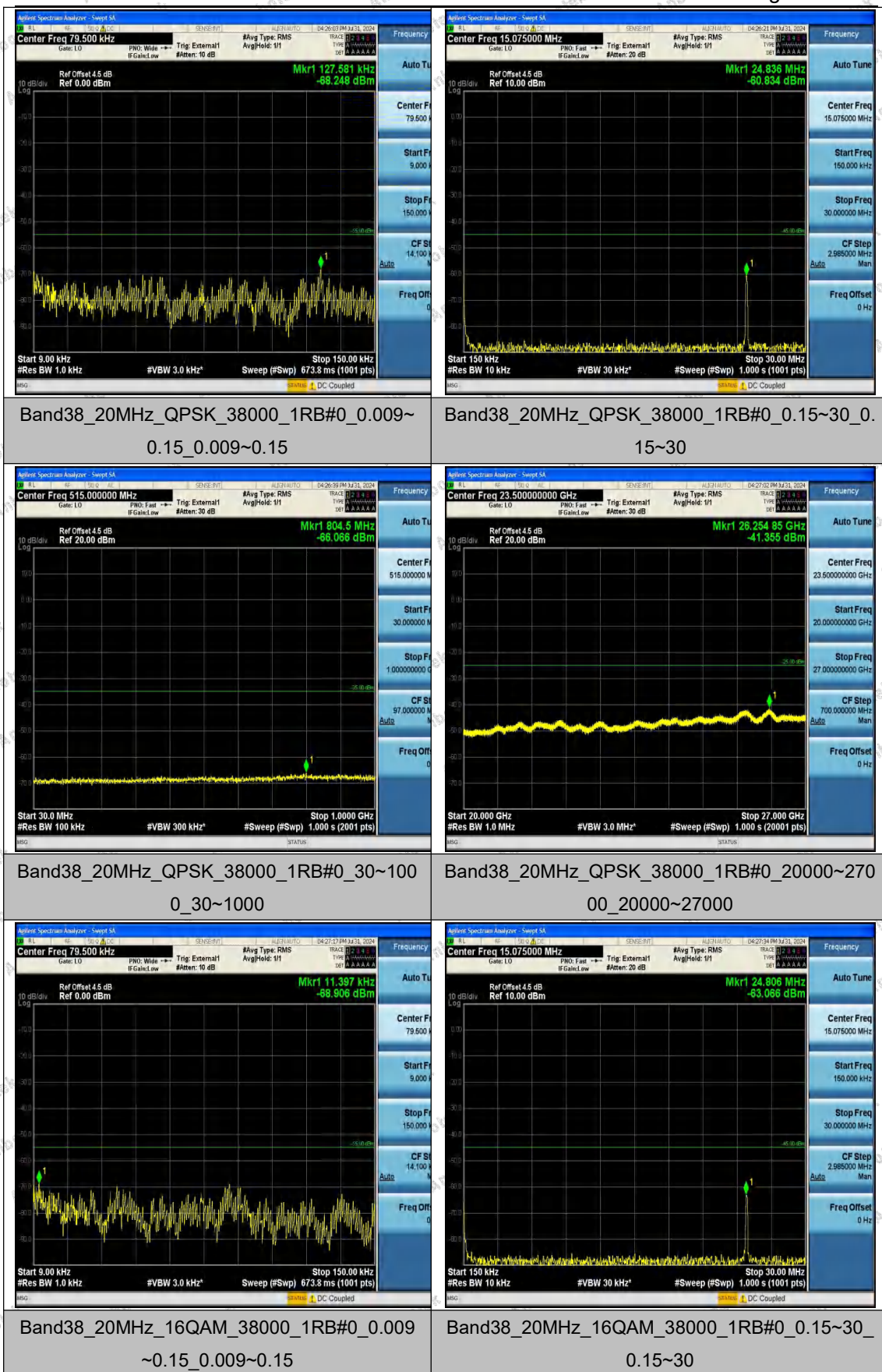


Band38_20MHz_QPSK_37850_1RB#0_0.009~
0.15_0.009~0.15

Band38_20MHz_QPSK_37850_1RB#0_0.15~30_
15~30







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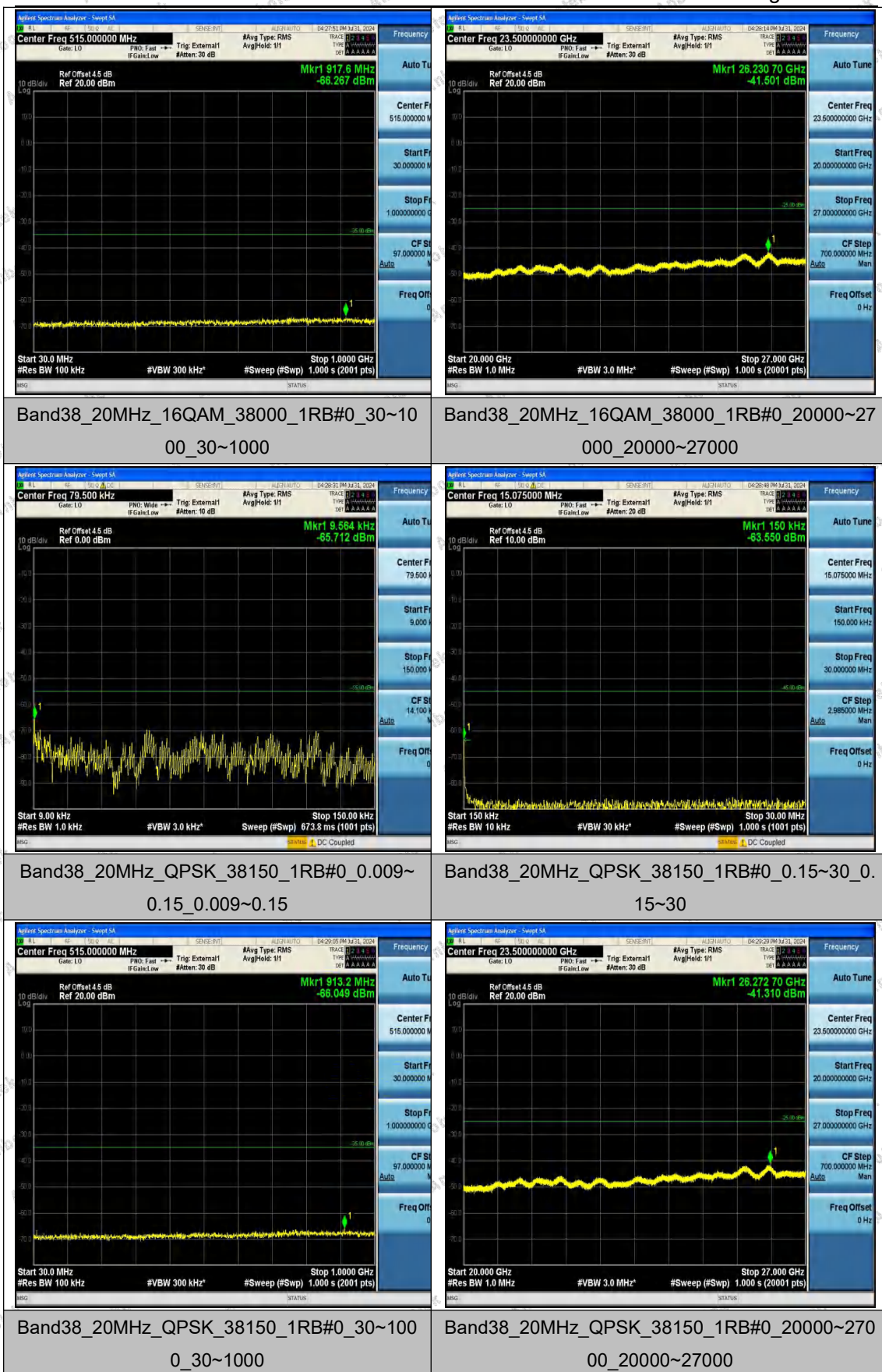
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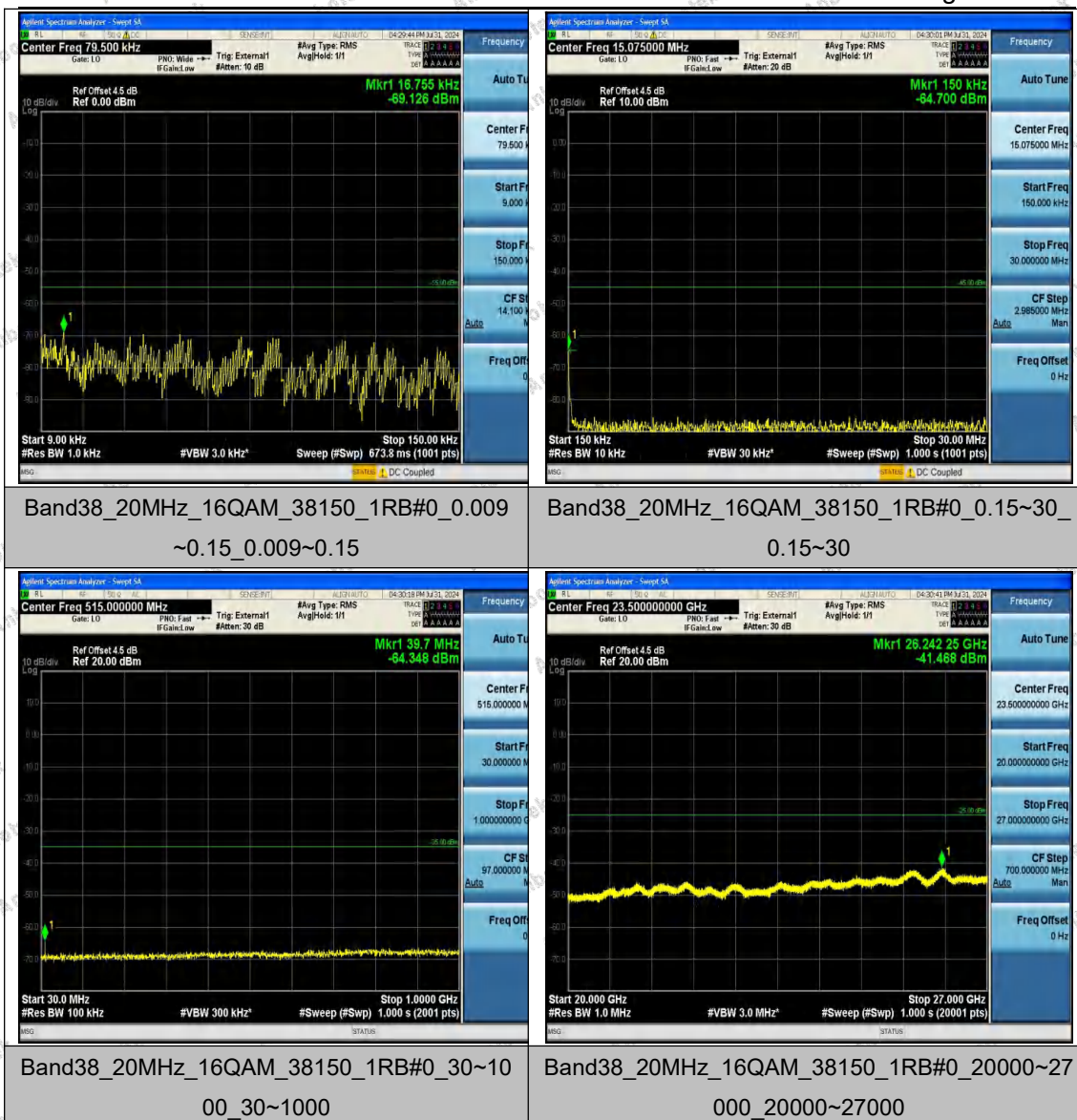


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Appendix F: Frequency stability VS Voltage measurement

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band38	5MHz	QPSK	37775	25RB#0	VN	NT	8.17	0.003176	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VL	NT	15.12	0.005878	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VH	NT	15.94	0.006196	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VN	NT	13.15	0.005112	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VL	NT	12.75	0.004956	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VH	NT	10.97	0.004264	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VN	NT	-6.21	-0.002393	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VL	NT	-6.17	-0.002378	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VH	NT	11.66	0.004493	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VN	NT	-7.54	-0.002906	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VL	NT	-7.93	-0.003056	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VH	NT	-6.51	-0.002509	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VN	NT	-6.48	-0.002476	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VL	NT	-12.47	-0.004764	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VH	NT	-10.17	-0.003885	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VN	NT	-11.94	-0.004562	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VL	NT	-9.56	-0.003652	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VH	NT	-11.43	-0.004367	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VN	NT	15.25	0.005922	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VL	NT	19.47	0.007561	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VH	NT	16.37	0.006357	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VN	NT	12.92	0.005017	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VL	NT	15.23	0.005915	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VH	NT	12.40	0.004816	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VN	NT	4.81	0.001854	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VL	NT	7.95	0.003064	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VH	NT	6.08	0.002343	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VN	NT	-9.80	-0.003776	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VL	NT	-8.17	-0.003148	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VH	NT	-7.47	-0.002879	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VN	NT	12.25	0.004685	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VL	NT	-4.65	-0.001778	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VH	NT	8.08	0.003090	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VN	NT	-8.08	-0.003090	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VL	NT	-5.84	-0.002233	±2.5	PASS

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Band38	10MHz	16QAM	38200	50RB#0	VH	NT	10.23	0.003912	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VN	NT	18.02	0.006991	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VL	NT	20.66	0.008016	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VH	NT	20.86	0.008093	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VN	NT	15.76	0.006114	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VL	NT	16.14	0.006262	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VH	NT	12.82	0.004974	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VN	NT	5.52	0.002127	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VL	NT	10.11	0.003896	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VH	NT	9.98	0.003846	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VN	NT	5.11	0.001969	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VL	NT	5.74	0.002212	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VH	NT	-8.31	-0.003202	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VN	NT	9.08	0.003476	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VL	NT	-9.74	-0.003728	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VH	NT	7.45	0.002852	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VN	NT	-6.69	-0.002561	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VL	NT	-5.65	-0.002163	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VH	NT	9.90	0.003789	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	17.90	0.006938	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	12.89	0.004996	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	11.73	0.004547	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	8.94	0.003465	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-5.51	-0.002136	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	6.48	0.002512	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	9.66	0.003723	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	4.65	0.001792	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	9.76	0.003761	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-8.28	-0.003191	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-8.44	-0.003252	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-8.67	-0.003341	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-7.77	-0.002977	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-8.85	-0.003391	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-7.02	-0.002690	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	-10.93	-0.004188	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-10.83	-0.004149	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-11.50	-0.004406	±2.5	PASS



Appendix G: Frequency stability VS Temperature measurement

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	NV	-30	16.48	0.006406	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-20	12.26	0.004766	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-10	17.08	0.006639	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	0	13.63	0.005298	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	10	17.92	0.006966	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	20	14.56	0.005660	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	30	11.66	0.004533	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	40	18.90	0.007347	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	50	23.16	0.009003	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-30	12.32	0.004789	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-20	14.55	0.005656	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-10	7.25	0.002818	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	0	10.37	0.004031	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	10	14.63	0.005687	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	20	10.57	0.004109	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	30	7.48	0.002908	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	40	6.62	0.002573	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	50	10.46	0.004066	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-30	12.50	0.004817	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-20	7.70	0.002967	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-10	4.95	0.001908	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	0	-7.45	-0.002871	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	10	-7.37	-0.002840	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	20	9.81	0.003780	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	30	6.59	0.002539	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	40	-6.27	-0.002416	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	50	8.01	0.003087	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-30	-8.00	-0.003083	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-20	-7.58	-0.002921	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-10	-5.36	-0.002066	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	0	-9.86	-0.003800	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	10	-11.13	-0.004289	±2.5	PASS

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Band38	5MHz	16QAM	38000	25RB#0	NV	20	-8.08	-0.003114	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	30	-7.47	-0.002879	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	40	-8.74	-0.003368	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	50	11.16	0.004301	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-30	-6.34	-0.002422	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-20	-8.37	-0.003198	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-10	-8.08	-0.003087	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	0	-8.47	-0.003236	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	10	-11.87	-0.004535	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	20	-7.58	-0.002896	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	30	4.82	0.001841	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	40	-8.74	-0.003339	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	50	-5.99	-0.002288	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-30	-11.50	-0.004394	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-20	-10.24	-0.003912	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-10	-10.24	-0.003912	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	0	-13.10	-0.005005	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	10	-10.23	-0.003908	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	20	-18.22	-0.006961	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	30	-11.33	-0.004329	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	40	-14.22	-0.005433	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	50	-11.72	-0.004478	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-30	18.25	0.007087	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-20	19.38	0.007526	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-10	17.11	0.006645	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	0	18.27	0.007095	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	10	15.71	0.006101	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	20	20.93	0.008128	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	30	16.15	0.006272	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	40	11.36	0.004412	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	50	14.45	0.005612	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-30	16.02	0.006221	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-20	13.03	0.005060	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-10	10.93	0.004245	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	0	11.70	0.004544	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	10	11.32	0.004396	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	20	12.02	0.004668	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	30	10.46	0.004062	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	40	12.26	0.004761	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	50	14.38	0.005584	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-30	7.04	0.002713	±2.5	PASS

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Band38	10MHz	QPSK	38000	50RB#0	NV	-20	11.04	0.004254	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-10	3.85	0.001484	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	0	-6.69	-0.002578	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	10	9.66	0.003723	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	20	11.01	0.004243	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	30	7.34	0.002829	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	40	8.08	0.003114	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	50	-3.88	-0.001495	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-30	-10.04	-0.003869	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-20	21.86	0.008424	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-10	-11.20	-0.004316	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	0	-10.39	-0.004004	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	10	-10.13	-0.003904	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	20	15.18	0.005850	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	30	-10.03	-0.003865	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	40	-8.43	-0.003249	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	50	-9.94	-0.003830	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-30	7.54	0.002883	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-20	4.78	0.001828	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-10	8.30	0.003174	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	0	9.98	0.003816	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	10	8.34	0.003189	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	20	10.83	0.004141	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	30	9.34	0.003572	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	40	9.71	0.003713	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	50	12.80	0.004895	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-30	5.92	0.002264	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-20	8.18	0.003128	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-10	-8.88	-0.003396	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	0	8.05	0.003078	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	10	-12.09	-0.004623	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	20	-8.91	-0.003407	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	30	-11.69	-0.004470	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	40	-8.37	-0.003201	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	50	-10.69	-0.004088	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-30	16.44	0.006378	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-20	20.79	0.008066	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-10	18.35	0.007119	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	0	19.91	0.007725	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	10	23.23	0.009013	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	20	16.55	0.006421	±2.5	PASS



Band38	15MHz	QPSK	37825	75RB#0	NV	30	21.86	0.008481	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	40	17.58	0.006821	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	50	20.30	0.007876	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-30	16.04	0.006223	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-20	12.30	0.004772	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-10	14.93	0.005792	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	0	19.60	0.007604	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	10	16.31	0.006328	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	20	16.29	0.006320	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	30	18.08	0.007015	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	40	13.05	0.005063	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	50	17.47	0.006778	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-30	8.87	0.003418	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-20	12.72	0.004902	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-10	7.54	0.002906	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	0	9.11	0.003511	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	10	11.76	0.004532	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	20	8.14	0.003137	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	30	12.36	0.004763	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	40	10.20	0.003931	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	50	-7.57	-0.002917	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-30	-5.84	-0.002250	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-20	-8.17	-0.003148	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-10	-5.08	-0.001958	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	0	-6.25	-0.002408	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	10	6.85	0.002640	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	20	-9.78	-0.003769	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	30	-8.01	-0.003087	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	40	7.40	0.002852	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	50	3.99	0.001538	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-30	-5.89	-0.002255	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-20	8.78	0.003361	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-10	7.30	0.002794	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	0	4.03	0.001543	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	10	5.14	0.001967	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	20	6.65	0.002545	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	30	13.00	0.004976	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	40	12.19	0.004666	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	50	8.20	0.003139	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-30	-4.86	-0.001860	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-20	7.51	0.002875	±2.5	PASS



Band38	15MHz	16QAM	38175	75RB#0	NV	-10	-8.15	-0.003120	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	0	-7.40	-0.002833	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	10	6.82	0.002611	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	20	-7.28	-0.002787	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	30	-6.78	-0.002595	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	40	-6.21	-0.002377	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	50	-12.36	-0.004731	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	15.13	0.005864	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	8.80	0.003411	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	14.26	0.005527	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	12.47	0.004833	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	10.61	0.004112	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	13.43	0.005205	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	15.65	0.006066	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	15.26	0.005915	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	11.60	0.004496	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	8.37	0.003244	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	11.13	0.004314	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-10	7.78	0.003016	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	9.14	0.003543	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	10.51	0.004074	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	10.89	0.004221	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	6.74	0.002612	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	6.88	0.002667	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	4.86	0.001884	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	6.08	0.002343	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	8.74	0.003368	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	7.95	0.003064	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	9.26	0.003568	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-7.04	-0.002713	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-7.04	-0.002713	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	5.74	0.002212	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	10.41	0.004012	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	8.03	0.003094	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-5.24	-0.002019	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-5.81	-0.002239	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-10	6.02	0.002320	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	-8.45	-0.003256	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-9.61	-0.003703	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	6.35	0.002447	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-8.60	-0.003314	±2.5	PASS



Band38	20MHz	16QAM	38000	100RB#0	NV	40	5.11	0.001969	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-9.38	-0.003615	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-3.02	-0.001157	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-10.09	-0.003866	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	5.69	0.002180	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-8.58	-0.003287	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	10.37	0.003973	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	9.57	0.003667	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-8.68	-0.003326	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-8.13	-0.003115	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-5.76	-0.002207	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-6.77	-0.002594	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	-8.90	-0.003410	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-10	-9.51	-0.003644	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	-8.74	-0.003349	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-11.22	-0.004299	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-12.79	-0.004900	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	-9.60	-0.003678	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	-12.96	-0.004966	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	-7.65	-0.002931	±2.5	PASS

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