Appendix E: Conducted Spurious Emission

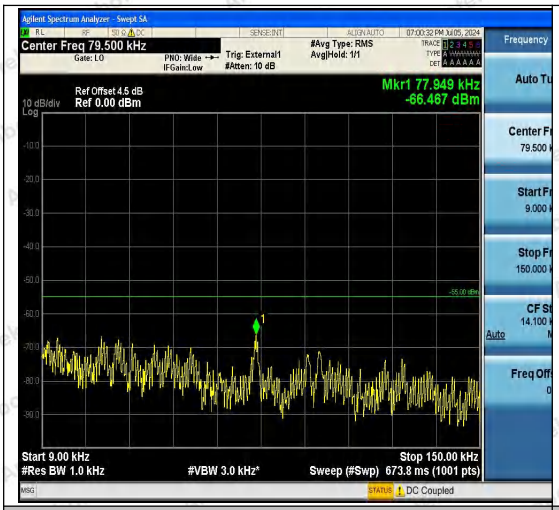
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	0.009~0.15	-66.47	PASS
Band38	5MHz	QPSK	37775	1RB#0	0.15~30	-61.14	PASS
Band38	5MHz	QPSK	37775	1RB#0	30~1000	-66.56	PASS
Band38	5MHz	QPSK	37775	1RB#0	20000~27000	-41.77	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.009~0.15	-62.38	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.15~30	-61.74	PASS
Band38	5MHz	16QAM	37775	1RB#0	30~1000	-66.05	PASS
Band38	5MHz	16QAM	37775	1RB#0	20000~27000	-41.42	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.009~0.15	-66.49	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.15~30	-66.46	PASS
Band38	5MHz	QPSK	38000	1RB#0	30~1000	-63.81	PASS
Band38	5MHz	QPSK	38000	1RB#0	20000~27000	-41.42	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.009~0.15	-64.43	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.15~30	-65.10	PASS
Band38	5MHz	16QAM	38000	1RB#0	30~1000	-64.04	PASS
Band38	5MHz	16QAM	38000	1RB#0	20000~27000	-41.70	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.009~0.15	-64.79	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.15~30	-65.03	PASS
Band38	5MHz	QPSK	38225	1RB#0	30~1000	-63.28	PASS
Band38	5MHz	QPSK	38225	1RB#0	20000~27000	-41.07	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.009~0.15	-62.85	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.15~30	-67.13	PASS
Band38	5MHz	16QAM	38225	1RB#0	30~1000	-65.74	PASS
Band38	5MHz	16QAM	38225	1RB#0	20000~27000	-41.55	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.009~0.15	-59.51	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.15~30	-59.41	PASS
Band38	10MHz	QPSK	37800	1RB#0	30~1000	-66.32	PASS
Band38	10MHz	QPSK	37800	1RB#0	20000~27000	-41.68	PASS
Band38	10MHz	16QAM	37800	1RB#0	0.009~0.15	-61.42	PASS
Band38	10MHz	16QAM	37800	1RB#0	0.15~30	-61.60	PASS
Band38	10MHz	16QAM	37800	1RB#0	30~1000	-66.41	PASS
Band38	10MHz	16QAM	37800	1RB#0	20000~27000	-41.34	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.009~0.15	-61.82	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.15~30	-60.36	PASS
Band38	10MHz	QPSK	38000	1RB#0	30~1000	-66.34	PASS
Band38	10MHz	QPSK	38000	1RB#0	20000~27000	-41.39	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.009~0.15	-62.49	PASS

Band38	10MHz	16QAM	38000	1RB#0	0.15~30	-63.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	30~1000	-66.28	PASS
Band38	10MHz	16QAM	38000	1RB#0	20000~27000	-41.59	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.009~0.15	-60.90	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.15~30	-64.54	PASS
Band38	10MHz	QPSK	38200	1RB#0	30~1000	-64.24	PASS
Band38	10MHz	QPSK	38200	1RB#0	20000~27000	-41.38	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.009~0.15	-60.13	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.15~30	-66.05	PASS
Band38	10MHz	16QAM	38200	1RB#0	30~1000	-65.18	PASS
Band38	10MHz	16QAM	38200	1RB#0	20000~27000	-41.22	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.009~0.15	-62.34	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.15~30	-60.16	PASS
Band38	15MHz	QPSK	37825	1RB#0	30~1000	-66.37	PASS
Band38	15MHz	QPSK	37825	1RB#0	20000~27000	-41.43	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.009~0.15	-61.16	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.15~30	-63.29	PASS
Band38	15MHz	16QAM	37825	1RB#0	30~1000	-66.34	PASS
Band38	15MHz	16QAM	37825	1RB#0	20000~27000	-41.27	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.009~0.15	-62.45	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.15~30	-59.33	PASS
Band38	15MHz	QPSK	38000	1RB#0	30~1000	-66.27	PASS
Band38	15MHz	QPSK	38000	1RB#0	20000~27000	-41.19	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.009~0.15	-60.03	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.15~30	-62.57	PASS
Band38	15MHz	16QAM	38000	1RB#0	30~1000	-66.31	PASS
Band38	15MHz	16QAM	38000	1RB#0	20000~27000	-41.27	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.009~0.15	-62.08	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.15~30	-65.32	PASS
Band38	15MHz	QPSK	38175	1RB#0	30~1000	-63.17	PASS
Band38	15MHz	QPSK	38175	1RB#0	20000~27000	-41.46	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.009~0.15	-60.80	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.15~30	-65.54	PASS
Band38	15MHz	16QAM	38175	1RB#0	30~1000	-63.53	PASS
Band38	15MHz	16QAM	38175	1RB#0	20000~27000	-40.97	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.009~0.15	-62.26	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.15~30	-60.46	PASS
Band38	20MHz	QPSK	37850	1RB#0	30~1000	-65.99	PASS
Band38	20MHz	QPSK	37850	1RB#0	20000~27000	-40.88	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.009~0.15	-60.99	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.15~30	-63.09	PASS
Band38	20MHz	16QAM	37850	1RB#0	30~1000	-65.95	PASS

Band38	20MHz	16QAM	37850	1RB#0	20000~27000	-41.49	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.009~0.15	-60.90	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.15~30	-59.31	PASS
Band38	20MHz	QPSK	38000	1RB#0	30~1000	-66.13	PASS
Band38	20MHz	QPSK	38000	1RB#0	20000~27000	-41.43	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.009~0.15	-61.46	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.15~30	-62.10	PASS
Band38	20MHz	16QAM	38000	1RB#0	30~1000	-66.06	PASS
Band38	20MHz	16QAM	38000	1RB#0	20000~27000	-40.99	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.009~0.15	-62.28	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.15~30	-66.20	PASS
Band38	20MHz	QPSK	38150	1RB#0	30~1000	-63.86	PASS
Band38	20MHz	QPSK	38150	1RB#0	20000~27000	-40.74	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.009~0.15	-60.95	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.15~30	-66.16	PASS
Band38	20MHz	16QAM	38150	1RB#0	30~1000	-64.79	PASS
Band38	20MHz	16QAM	38150	1RB#0	20000~27000	-41.27	PASS

Test Graphs



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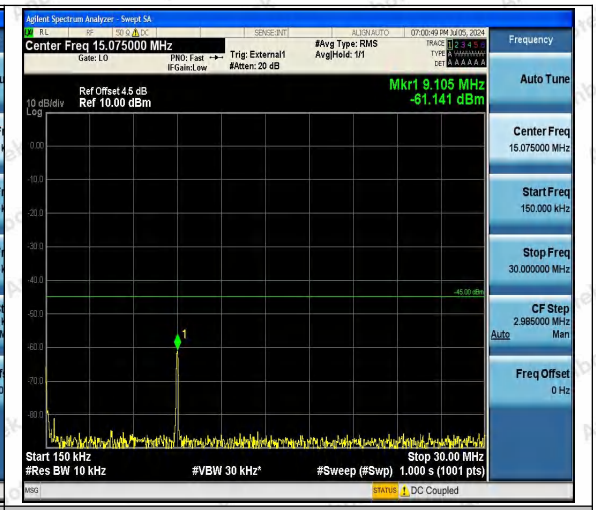
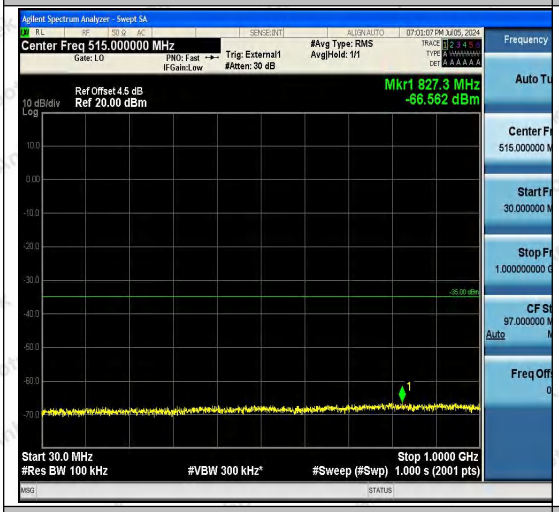
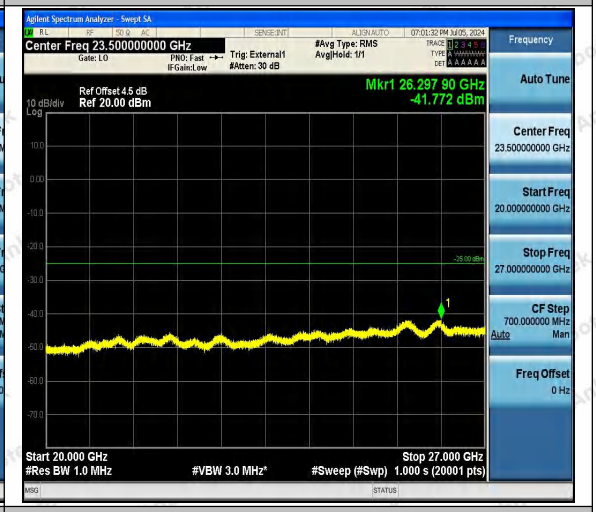


Band38_5MHz_QPSK_37775_1RB#0_0.15~30_0.15~30



Band38_5MHz_QPSK_37775_1RB#0_30~1000_30~1000



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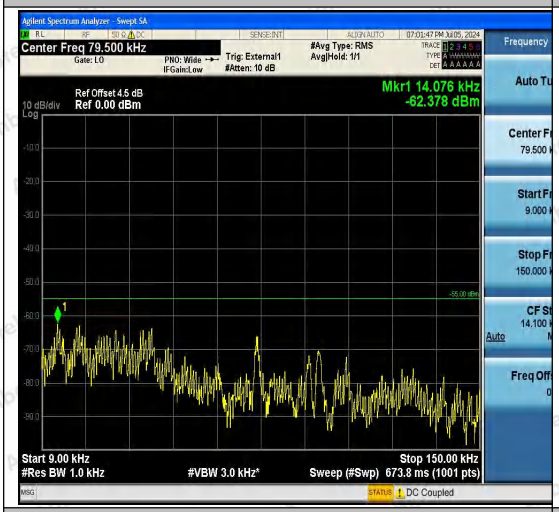

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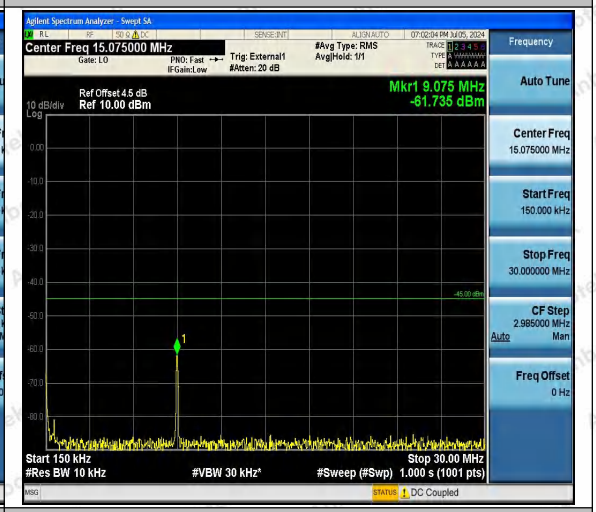
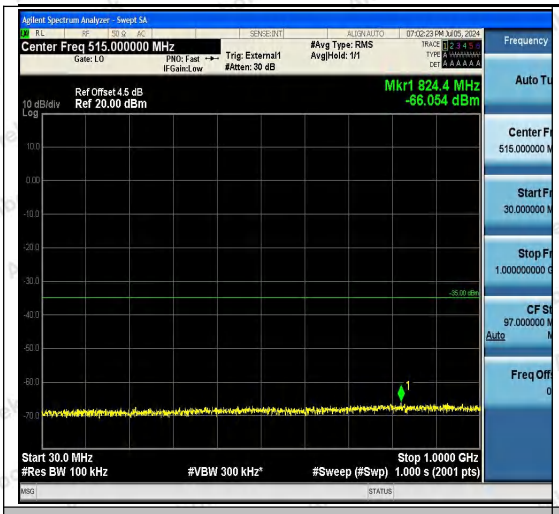


Band38_5MHz_16QAM_37775_1RB#0_0.15~30_0.15~30



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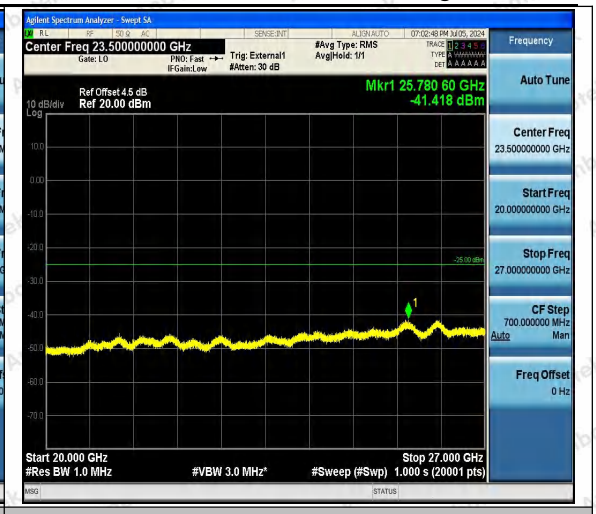

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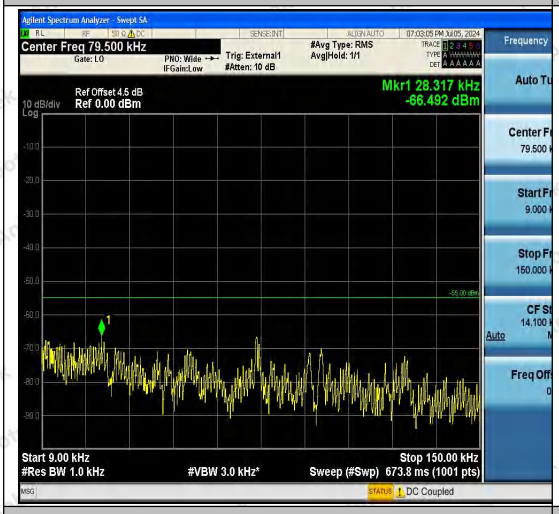

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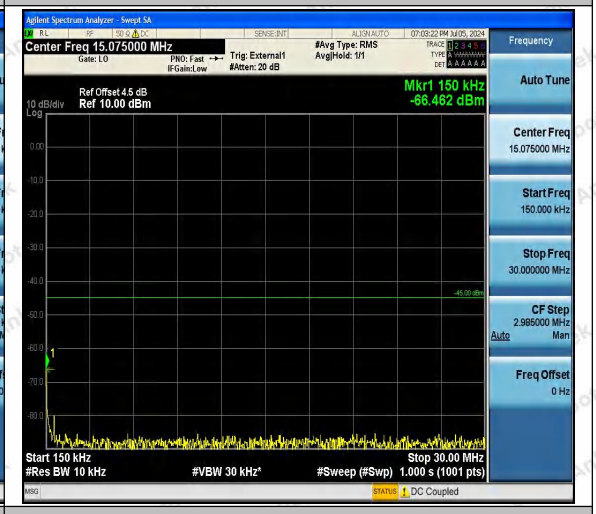
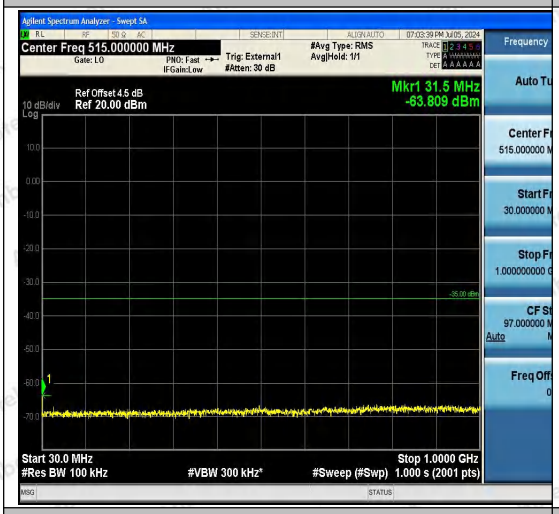


Band38_5MHz_QPSK_38000_1RB#0_0.15~30_0.15~30



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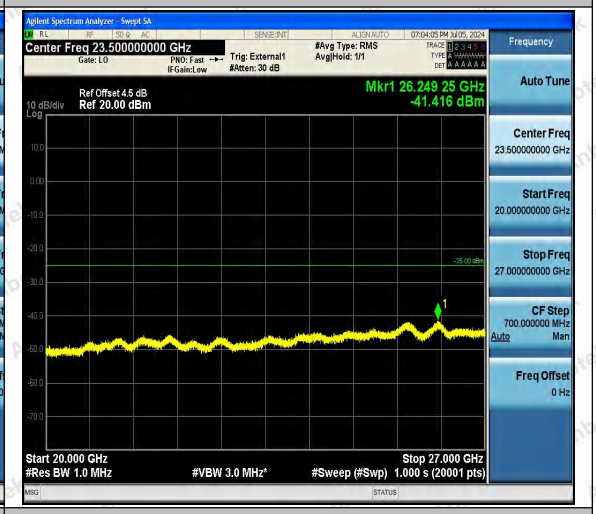

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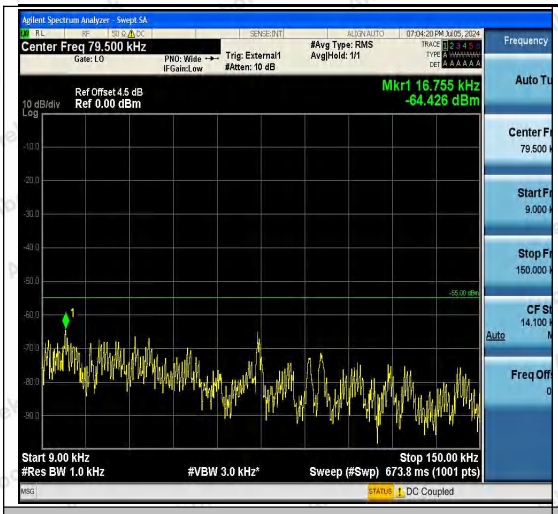

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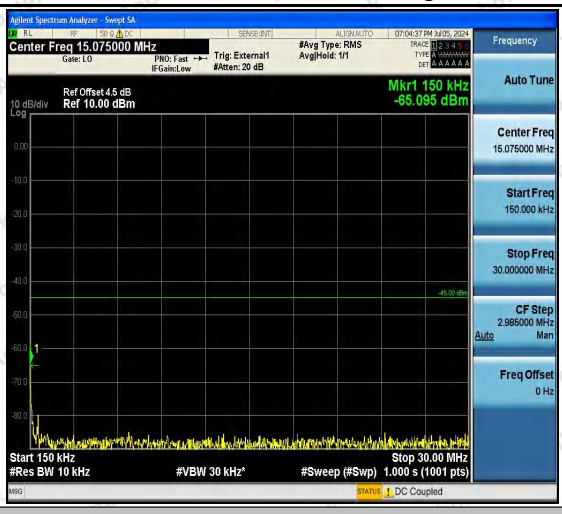

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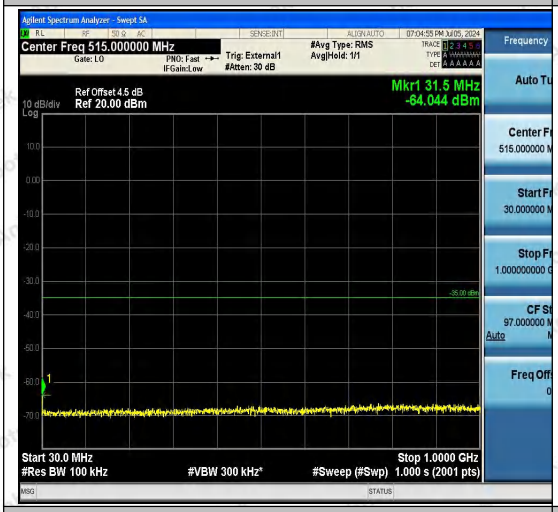

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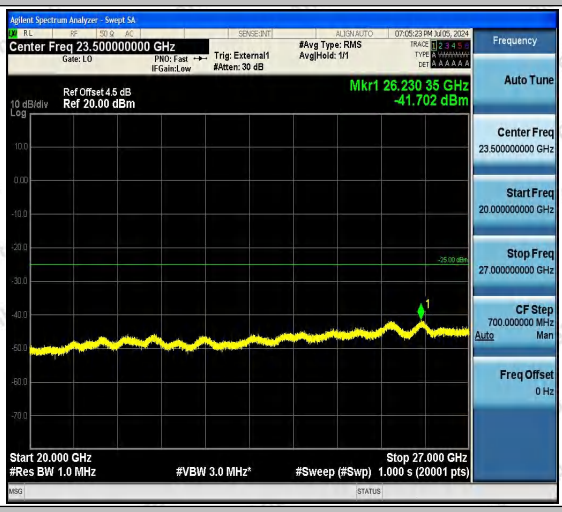
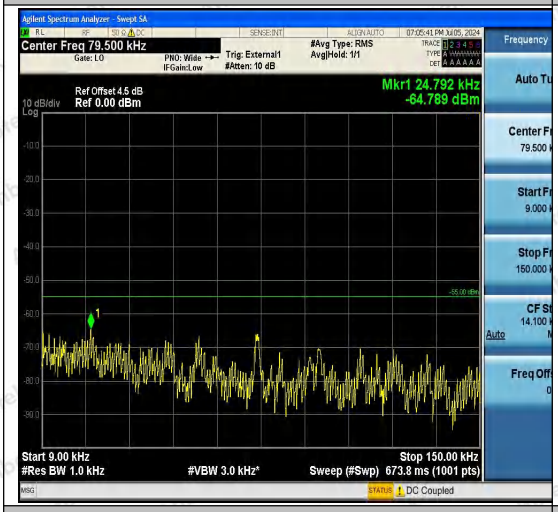
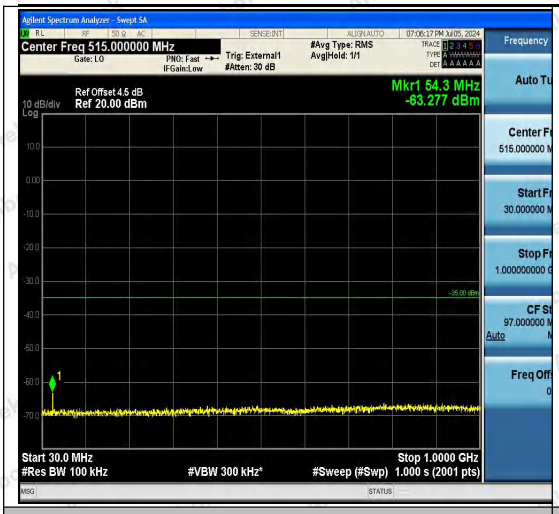


Band38_5MHz_16QAM_38000_1RB#0_20000~27000_20000~27000

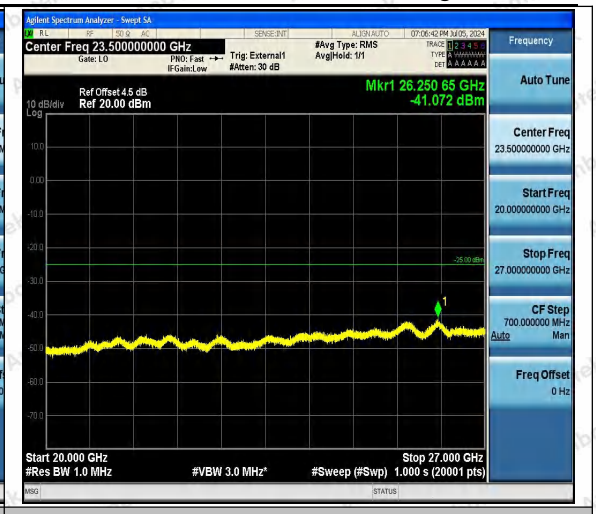


Band38_5MHz_QPSK_38225_1RB#0_0.009~0.15_0.009~0.15

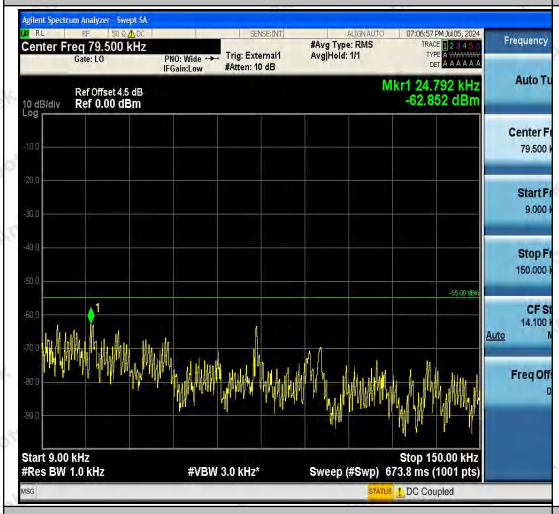
Band38_5MHz_QPSK_38225_1RB#0_0.15~30_0.15~30



Band38_5MHz_QPSK_38225_1RB#0_30~1000_30~1000



Band38_5MHz_QPSK_38225_1RB#0_20000~27000_20000~27000



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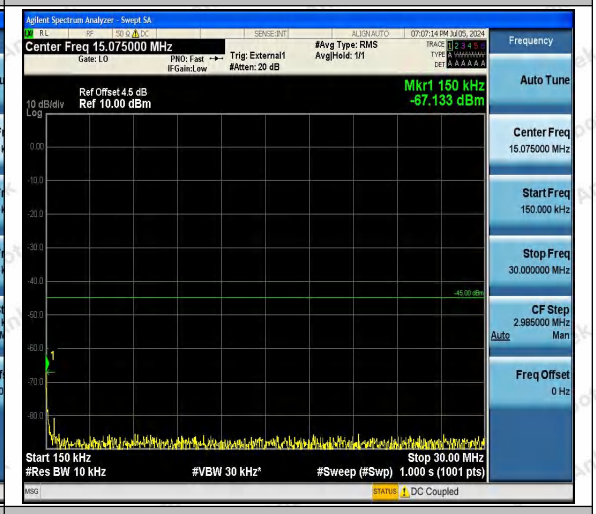
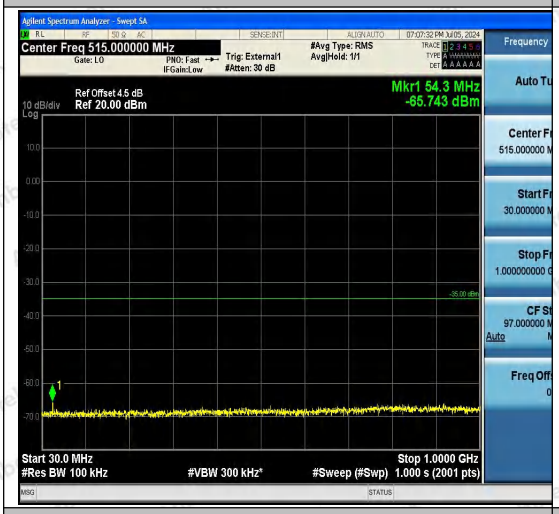


Band38_5MHz_16QAM_38225_1RB#0_0.15~30_0.15~30



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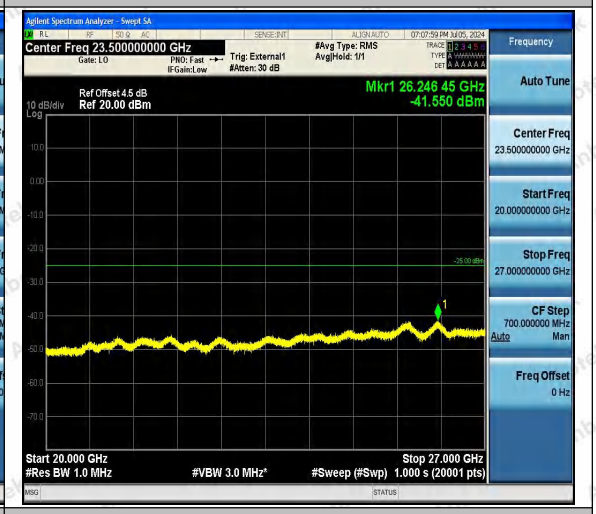

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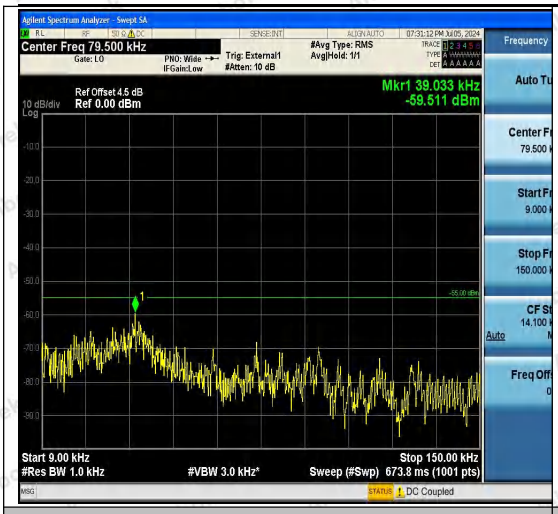

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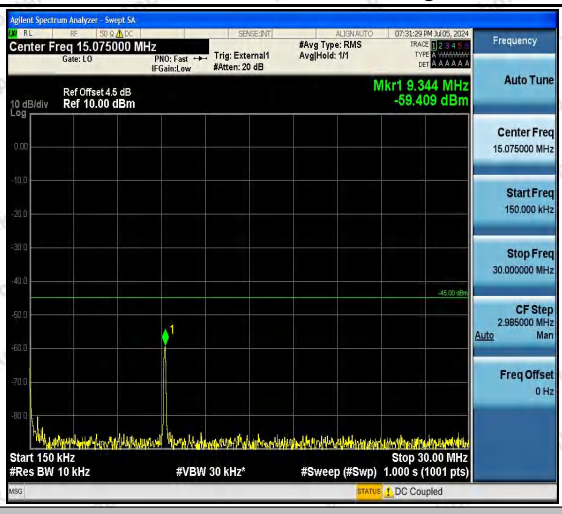

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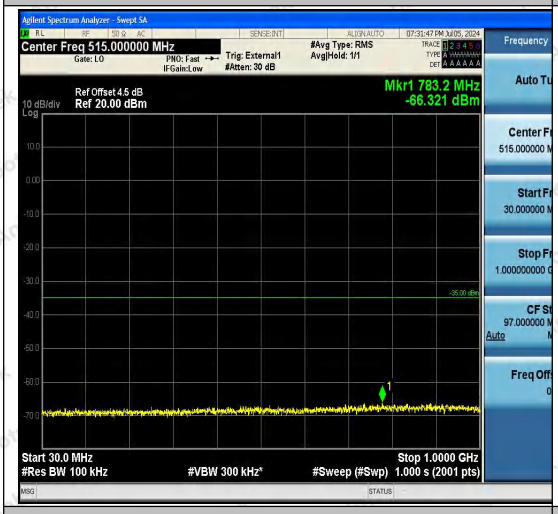

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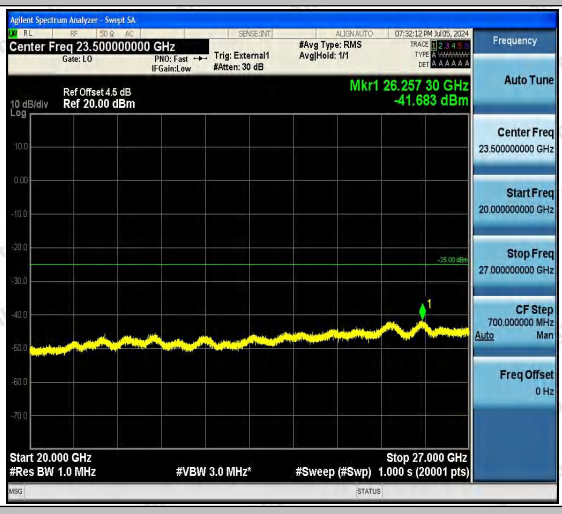

Band38_10MHz_QPSK_37800_1RB#0_20000~27000_20000~27000

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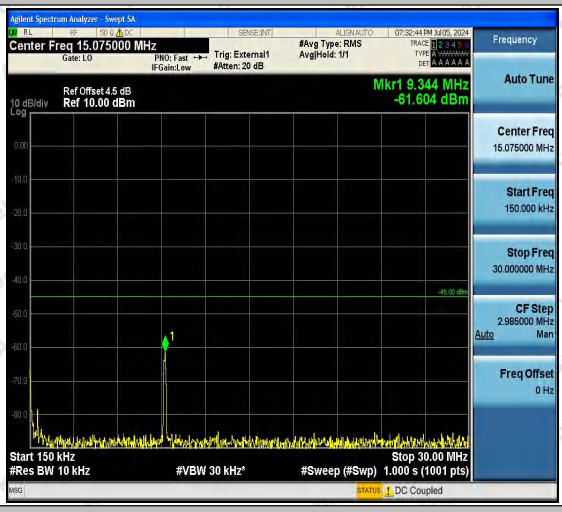

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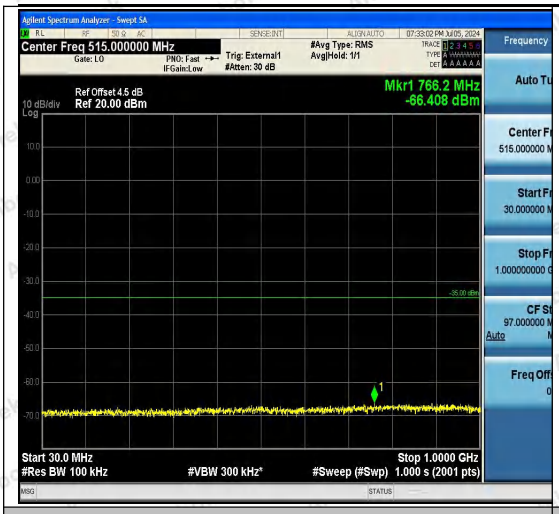
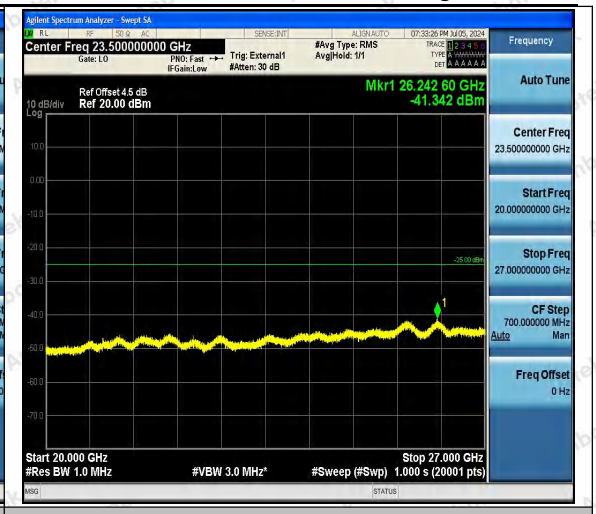
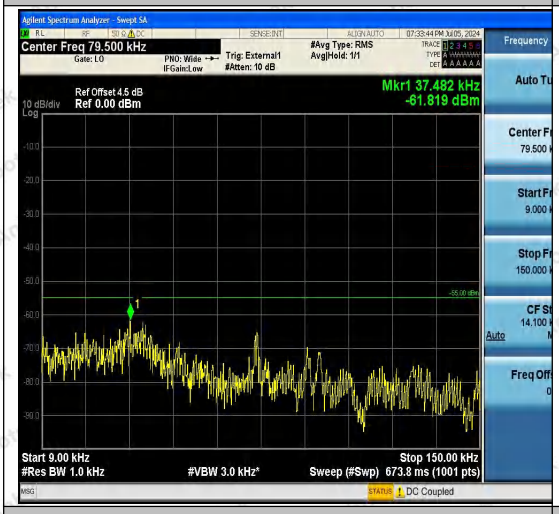


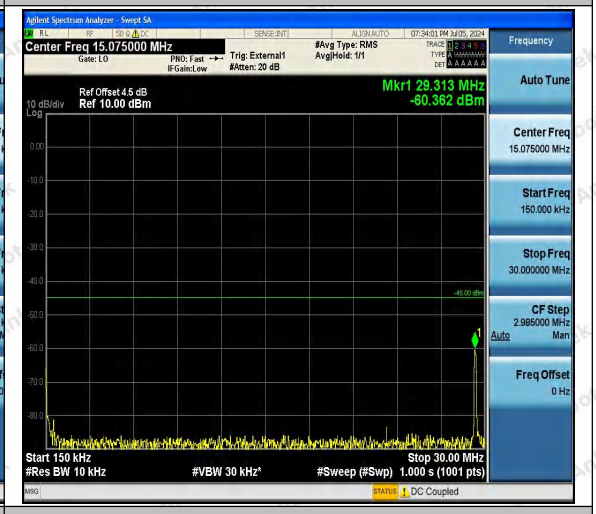
Band38_10MHz_16QAM_37800_1RB#0_30~1000_30~1000



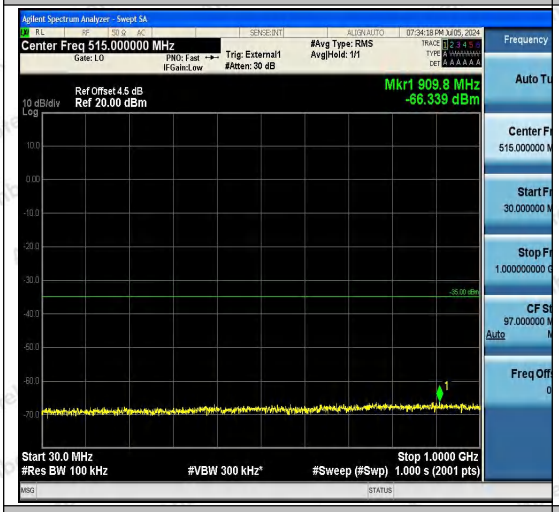
Band38_10MHz_16QAM_37800_1RB#0_20000~27000_20000~27000



Band38_10MHz_QPSK_38000_1RB#0_0.009~0.15_0.009~0.15



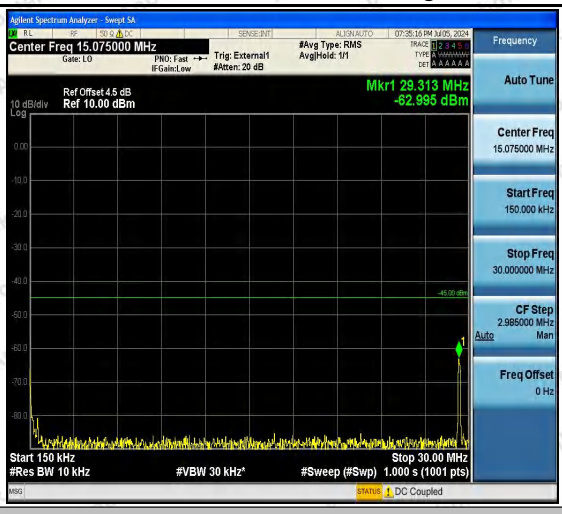
Band38_10MHz_QPSK_38000_1RB#0_0.15~30_0.15~30



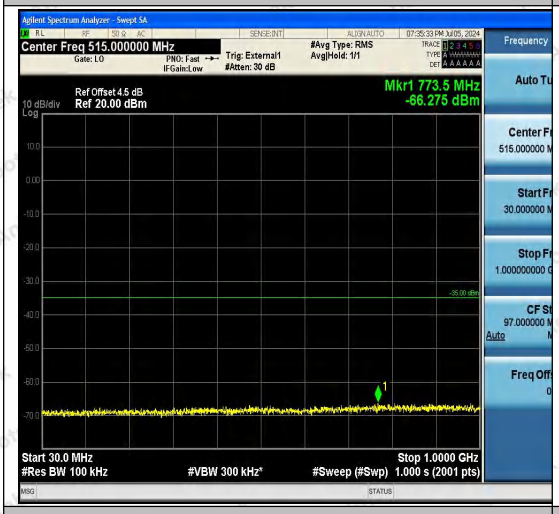
Band38_10MHz_QPSK_38000_1RB#0_30~1000_30~1000

Band38_10MHz_QPSK_38000_1RB#0_20000~27000_20000~27000

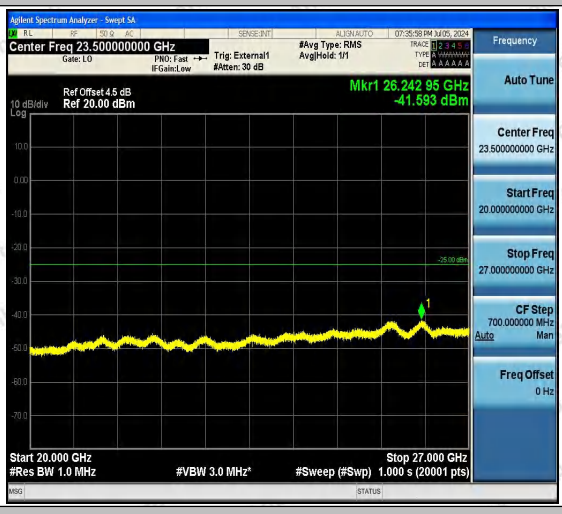
Band38_10MHz_16QAM_38000_1RB#0_0.009~0.15_0.009~0.15



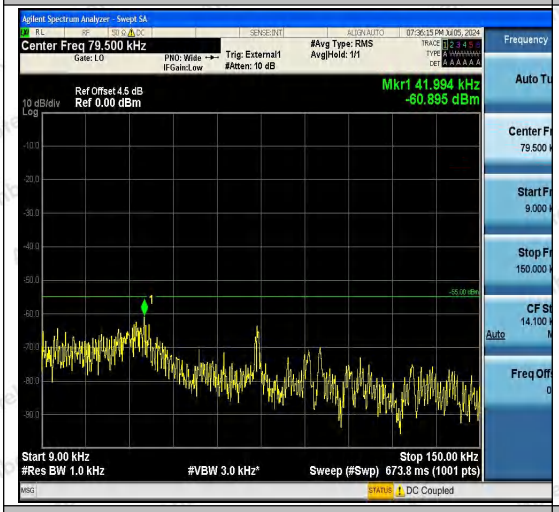
Band38_10MHz_16QAM_38000_1RB#0_0.15~30_0.15~30



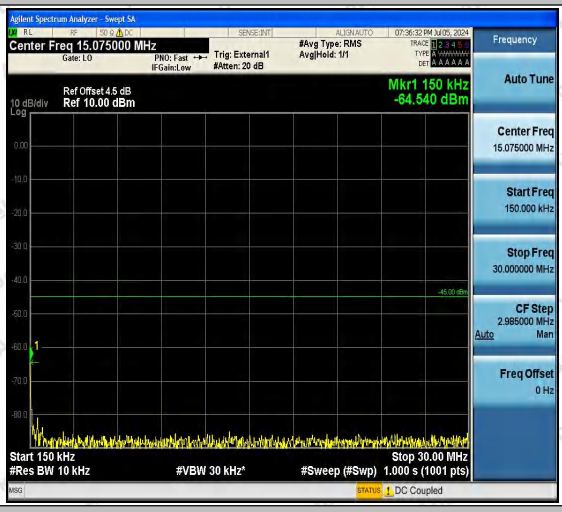
Band38_10MHz_16QAM_38000_1RB#0_30~1000_30~1000



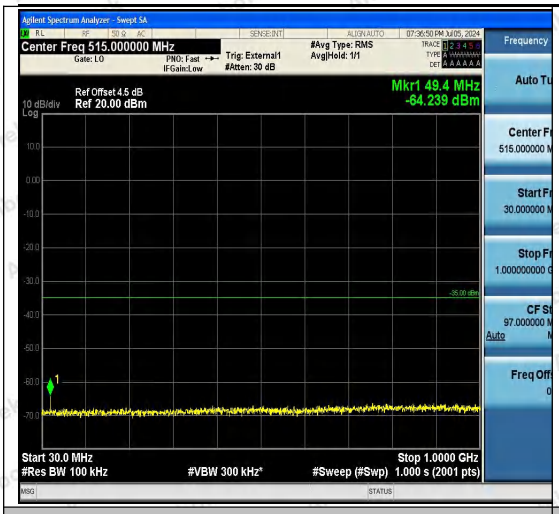
Band38_10MHz_16QAM_38000_1RB#0_20000~27000_20000~27000



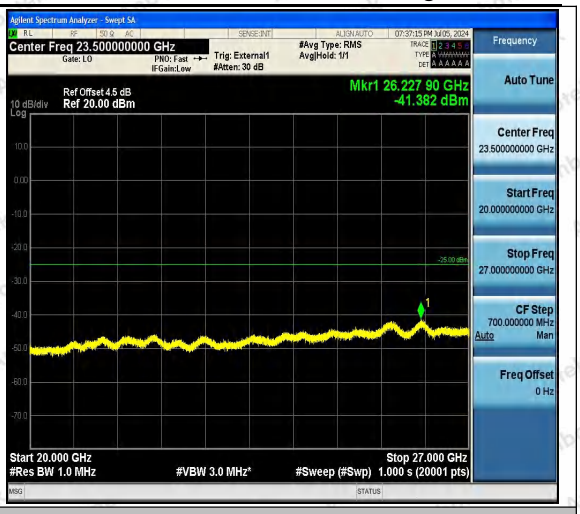
Band38_10MHz_QPSK_38200_1RB#0_0.009~0.15_0.009~0.15



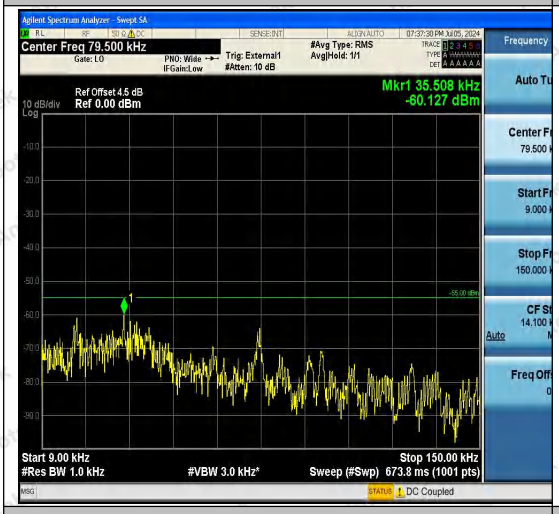
Band38_10MHz_QPSK_38200_1RB#0_0.15~30_0.15~30



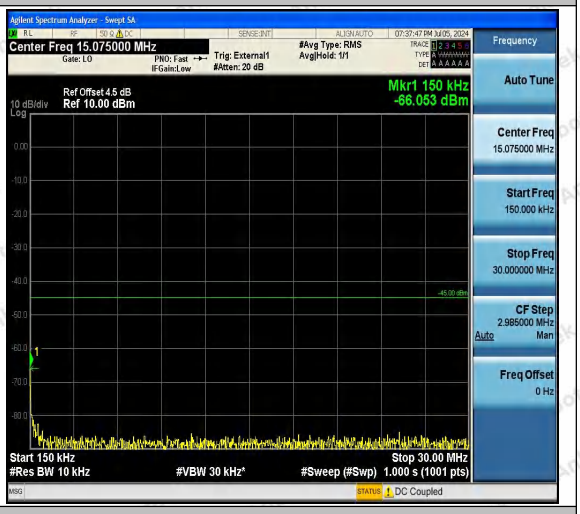
Band38_10MHz_QPSK_38200_1RB#0_30~1000_30~1000



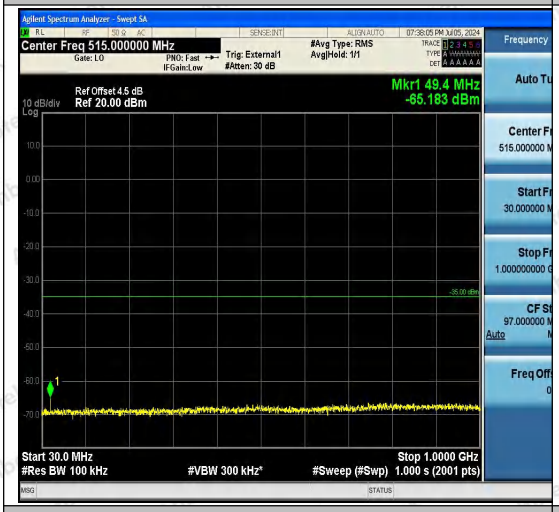
Band38_10MHz_QPSK_38200_1RB#0_20000~27000_20000~27000



Band38_10MHz_16QAM_38200_1RB#0_0.009~0.15_0.009~0.15

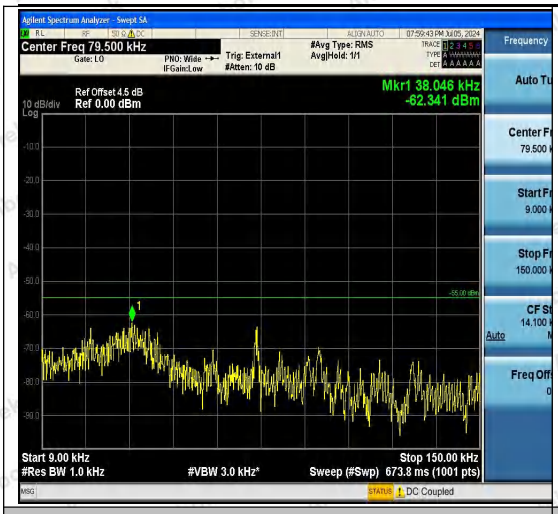


Band38_10MHz_16QAM_38200_1RB#0_0.15~30_0.15~30

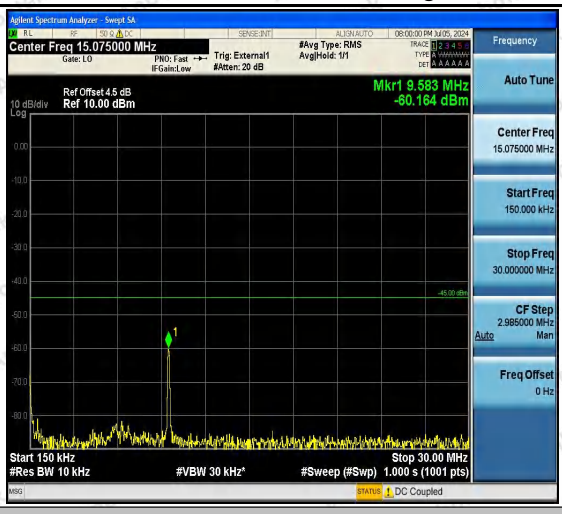


Band38_10MHz_16QAM_38200_1RB#0_30~1000_30~1000

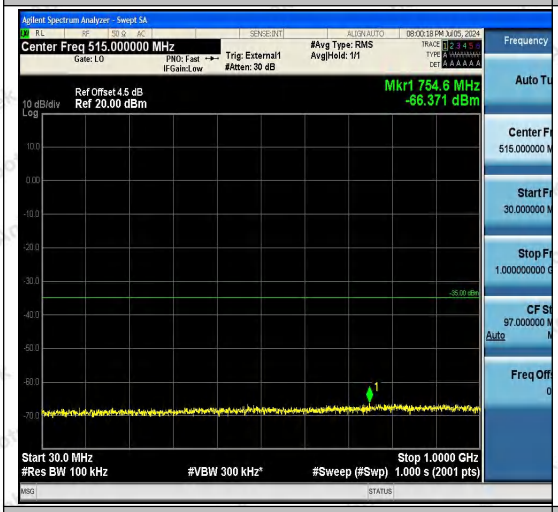
Band38_10MHz_16QAM_38200_1RB#0_20000~27000_20000~27000



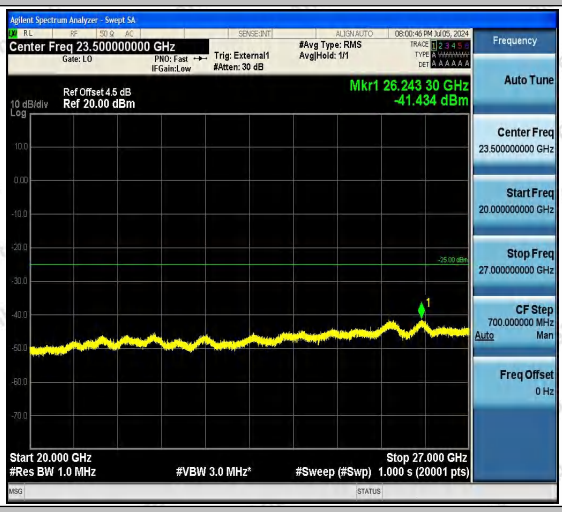
Band38_15MHz_QPSK_37825_1RB#0_0.009~0.15_0.009~0.15



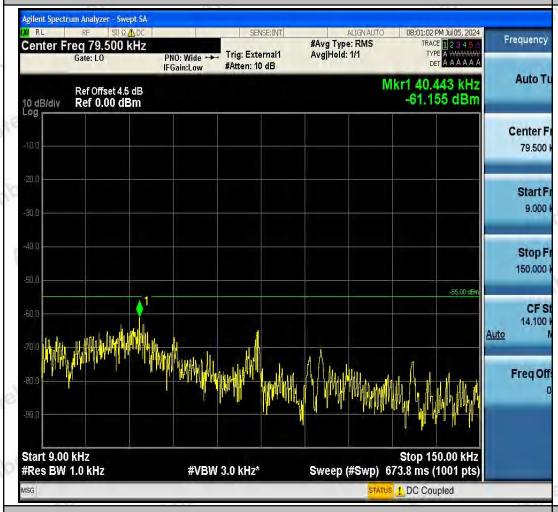
Band38_15MHz_QPSK_37825_1RB#0_0.15~30_0.15~30



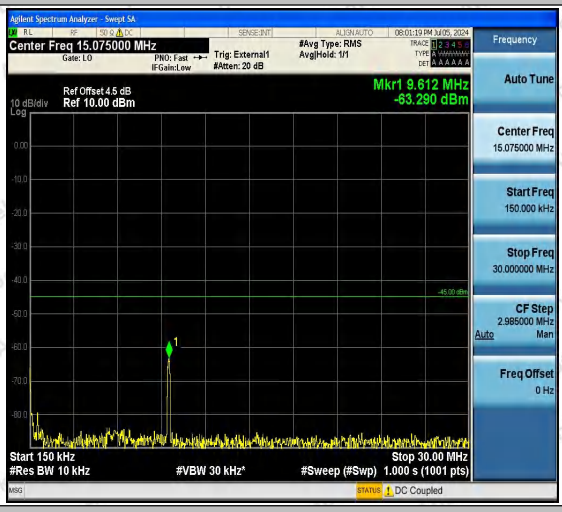
Band38_15MHz_QPSK_37825_1RB#0_30~1000_30~1000



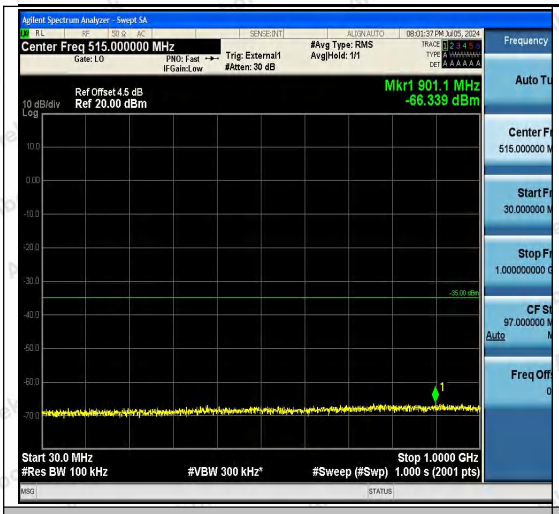
Band38_15MHz_QPSK_37825_1RB#0_20000~27000_20000~27000



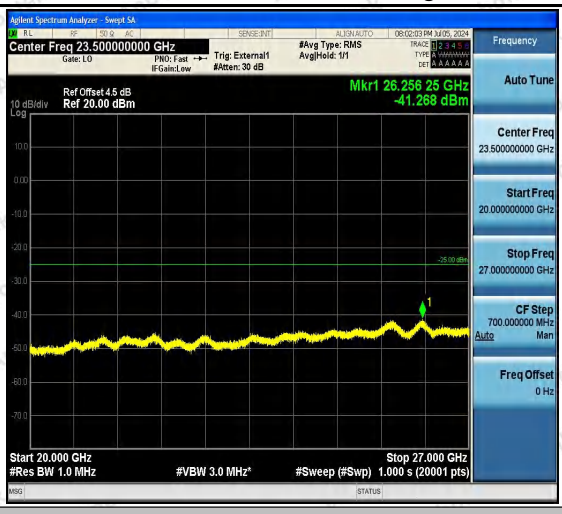
Band38_15MHz_16QAM_37825_1RB#0_0.009~0.15_0.009~0.15



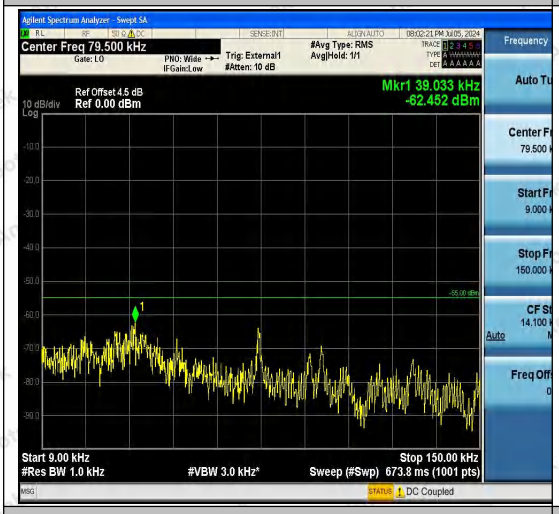
Band38_15MHz_16QAM_37825_1RB#0_0.15~30_0.15~30



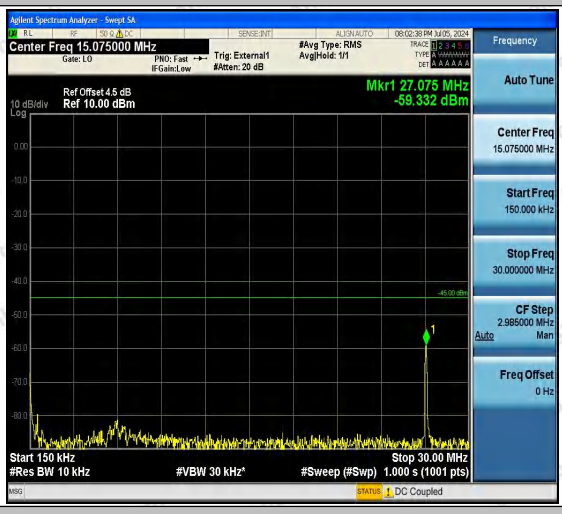
Band38_15MHz_16QAM_37825_1RB#0_30~1000_30~1000



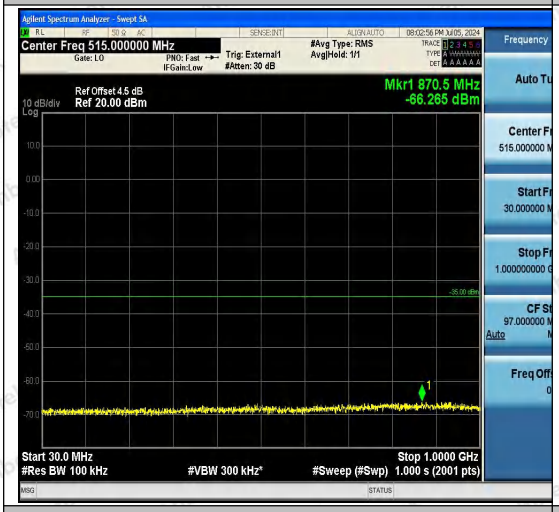
Band38_15MHz_16QAM_37825_1RB#0_20000~27000_20000~27000



Band38_15MHz_QPSK_38000_1RB#0_0.009~0.15_0.009~0.15



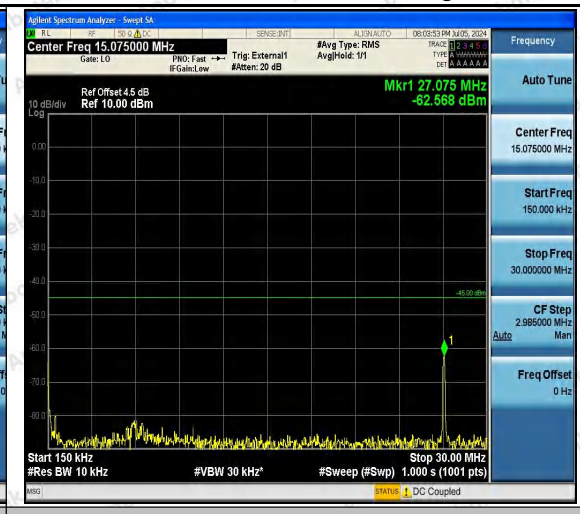
Band38_15MHz_QPSK_38000_1RB#0_0.15~30_0.15~30



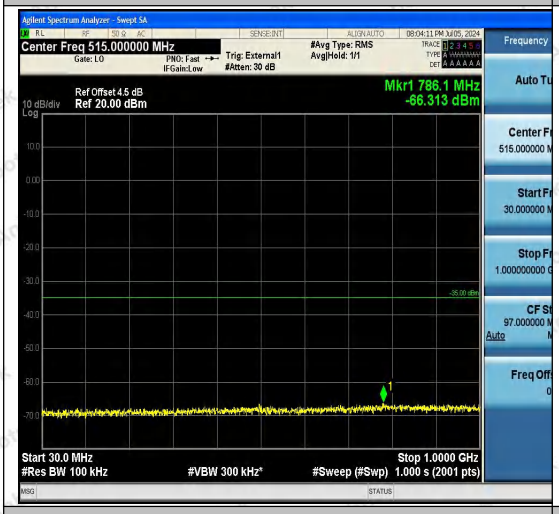
Band38_15MHz_QPSK_38000_1RB#0_30~1000_30~1000

Band38_15MHz_QPSK_38000_1RB#0_20000~27000_20000~27000

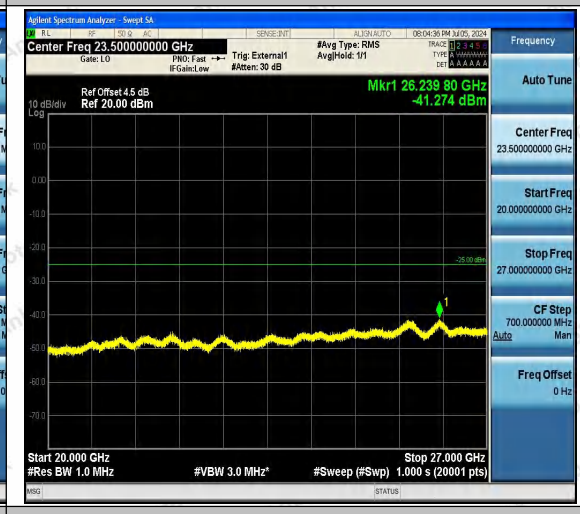
Band38_15MHz_16QAM_38000_1RB#0_0.009~0.15_0.009~0.15



Band38_15MHz_16QAM_38000_1RB#0_0.15~30_0.15~30

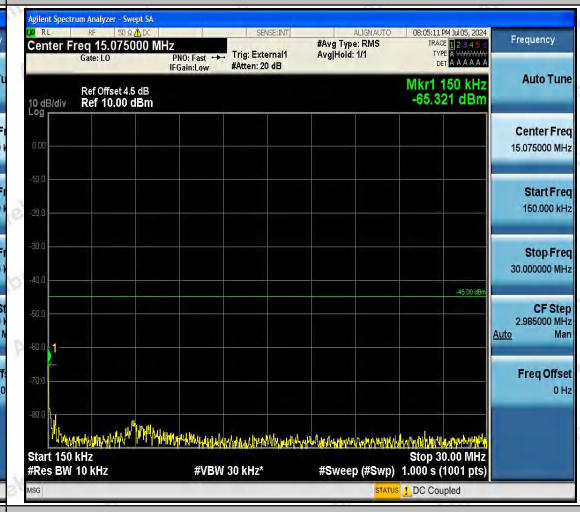


Band38_15MHz_16QAM_38000_1RB#0_30~1000_30~1000

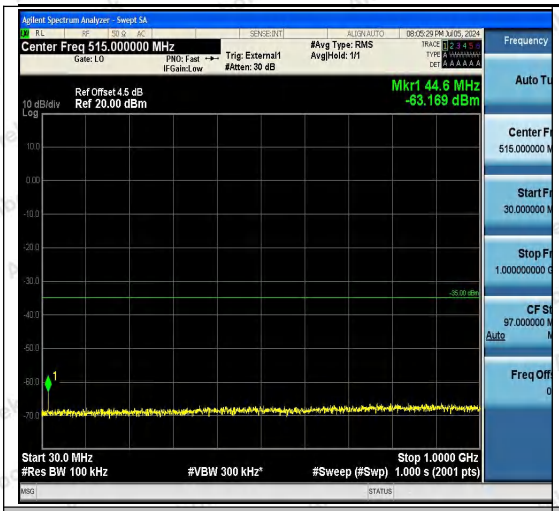


Band38_15MHz_16QAM_38000_1RB#0_20000~27000_20000~27000

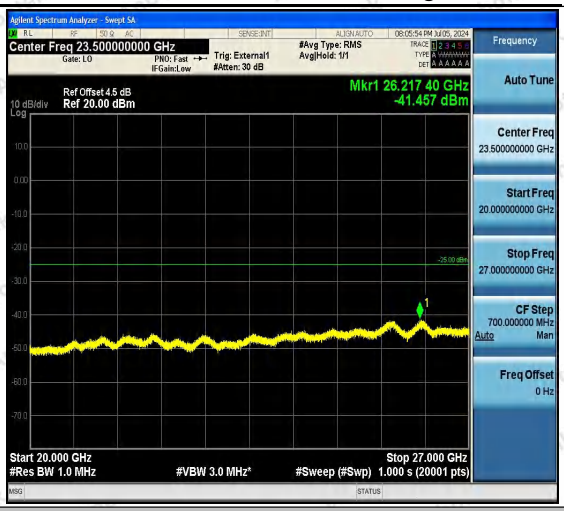
Band38_15MHz_QPSK_38175_1RB#0_0.009~0.15_0.009~0.15



Band38_15MHz_QPSK_38175_1RB#0_0.15~30_0.15~30

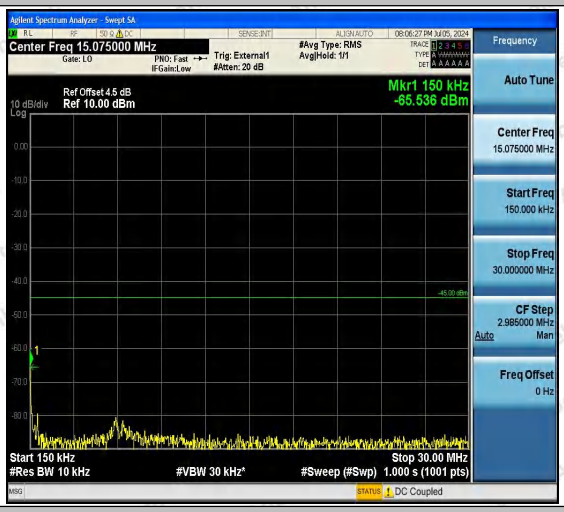


Band38_15MHz_QPSK_38175_1RB#0_30~1000_30~1000

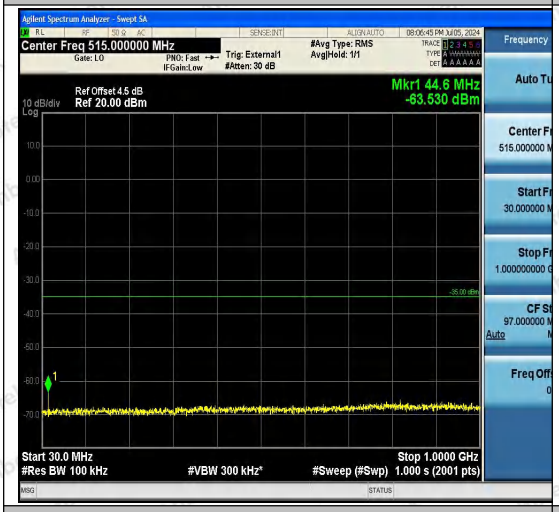


Band38_15MHz_QPSK_38175_1RB#0_20000~27000_20000~27000

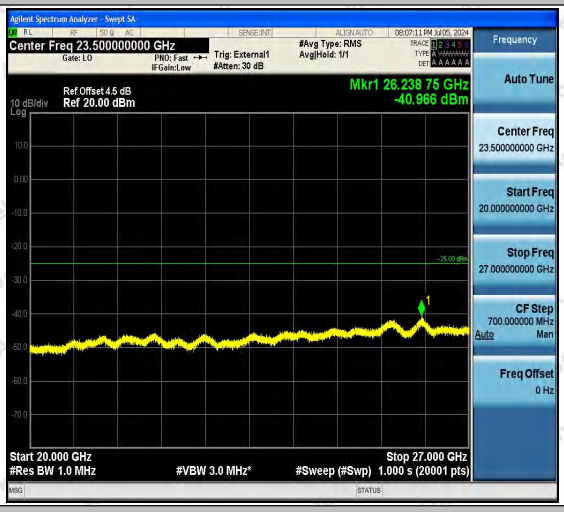
Band38_15MHz_16QAM_38175_1RB#0_0.009~0.15_0.009~0.15



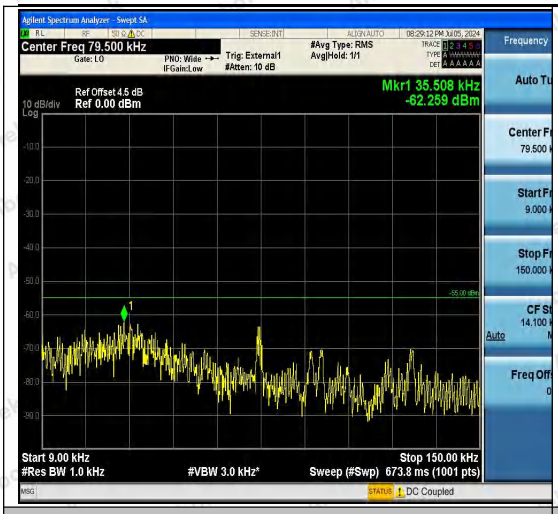
Band38_15MHz_16QAM_38175_1RB#0_0.15~30_0.15~30



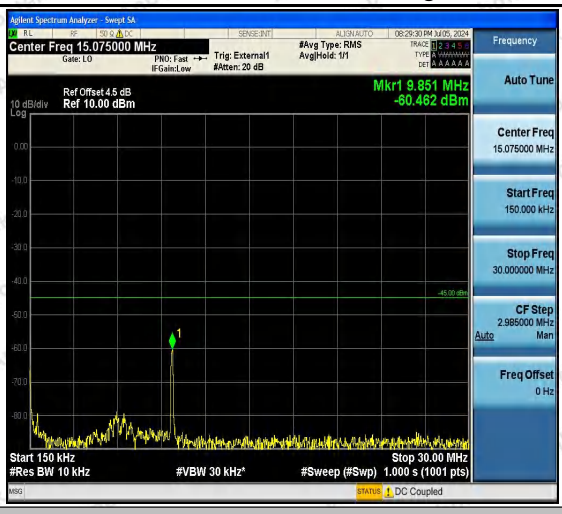
Band38_15MHz_16QAM_38175_1RB#0_30~1000_30~1000



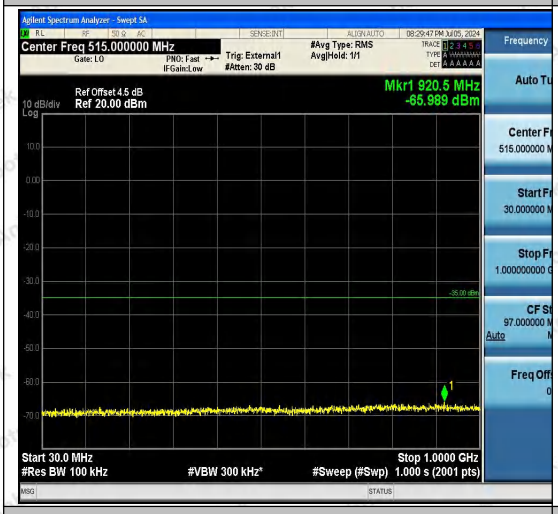
Band38_15MHz_16QAM_38175_1RB#0_20000~27000_20000~27000



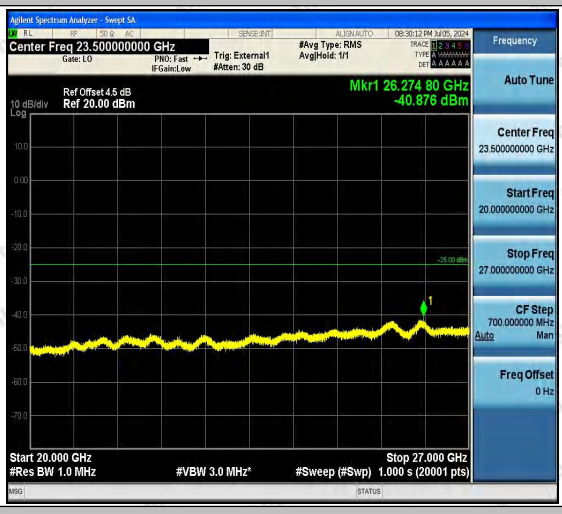
Band38_20MHz_QPSK_37850_1RB#0_0.009~0.15_0.009~0.15



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

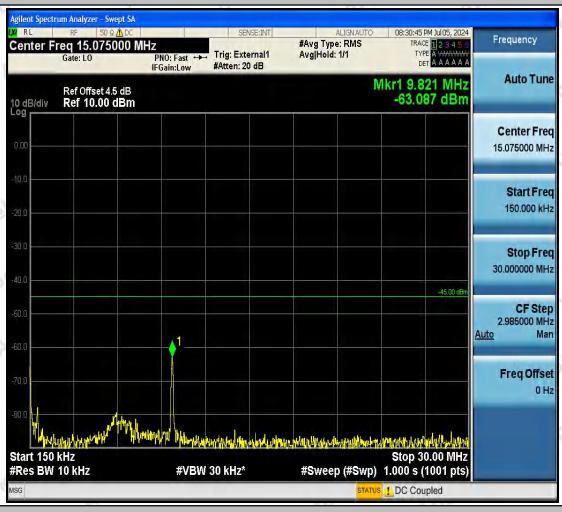


Band38_20MHz_QPSK_37850_1RB#0_30~1000_30~1000

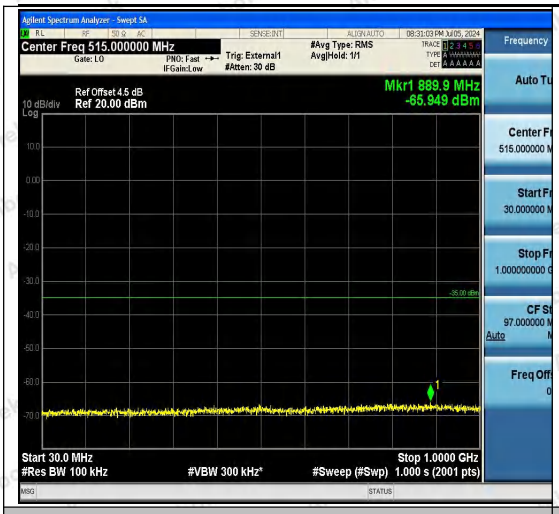


Band38_20MHz_QPSK_37850_1RB#0_20000~27000_20000~27000

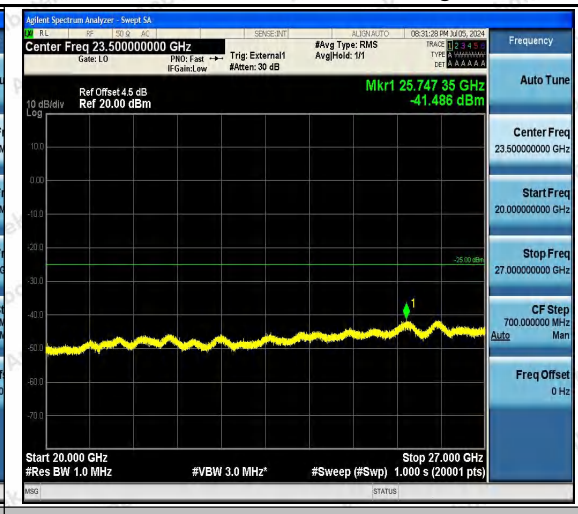
Band38_20MHz_16QAM_37850_1RB#0_0.009~0.15_0.009~0.15



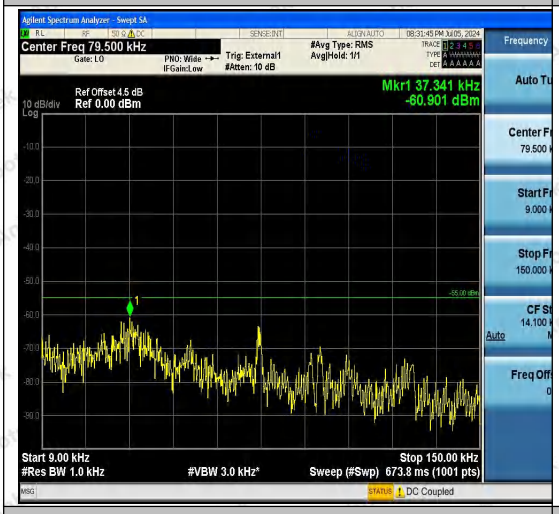
Band38_20MHz_16QAM_37850_1RB#0_0.15~30_0.15~30



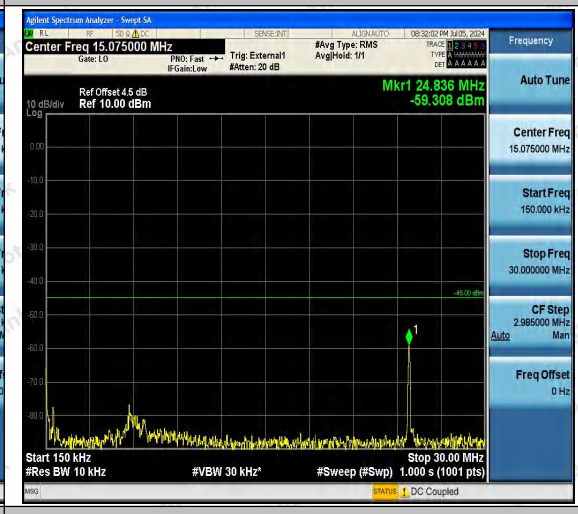
Band38_20MHz_16QAM_37850_1RB#0_30~1000_30~1000



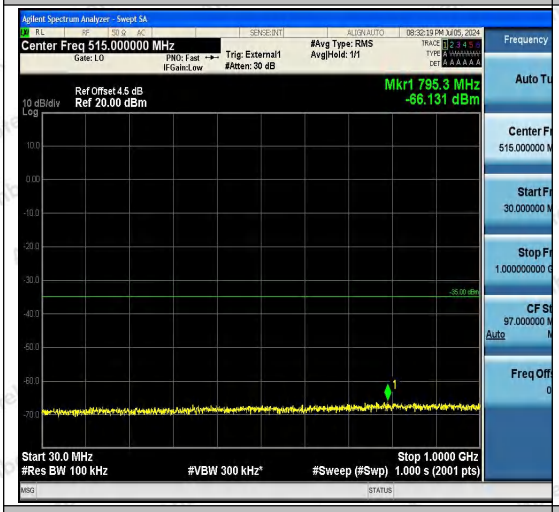
Band38_20MHz_16QAM_37850_1RB#0_20000~27000_20000~27000



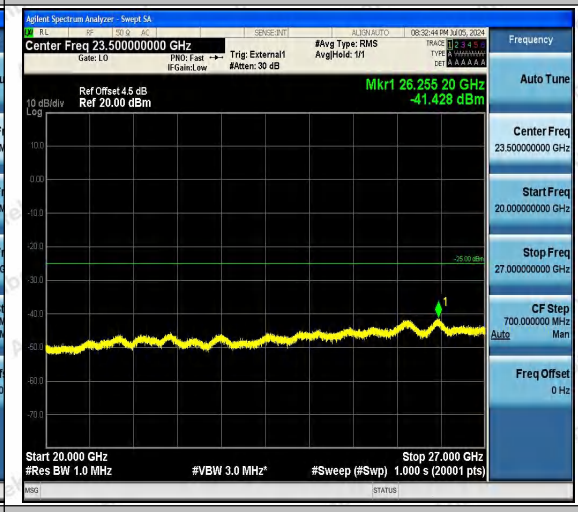
Band38_20MHz_QPSK_38000_1RB#0_0.009~0.15_0.009~0.15



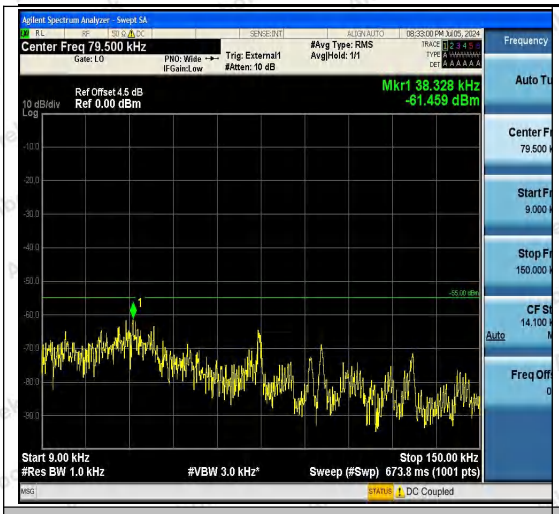
Band38_20MHz_QPSK_38000_1RB#0_0.15~30_0.15~30



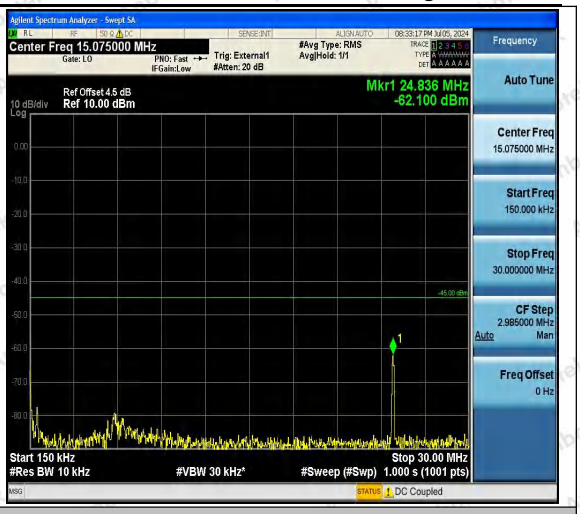
Band38_20MHz_QPSK_38000_1RB#0_30~1000_30~1000



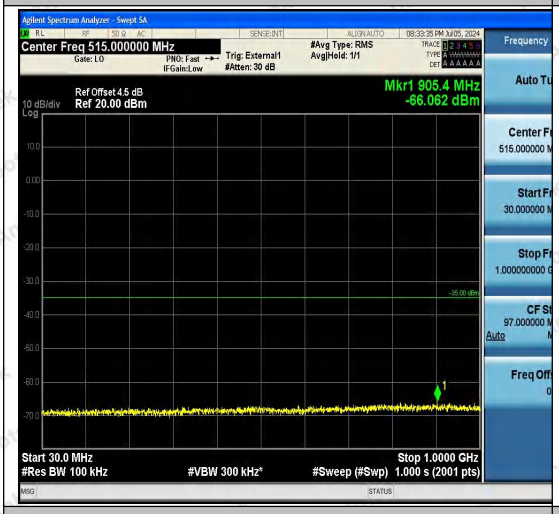
Band38_20MHz_QPSK_38000_1RB#0_20000~27000_20000~27000



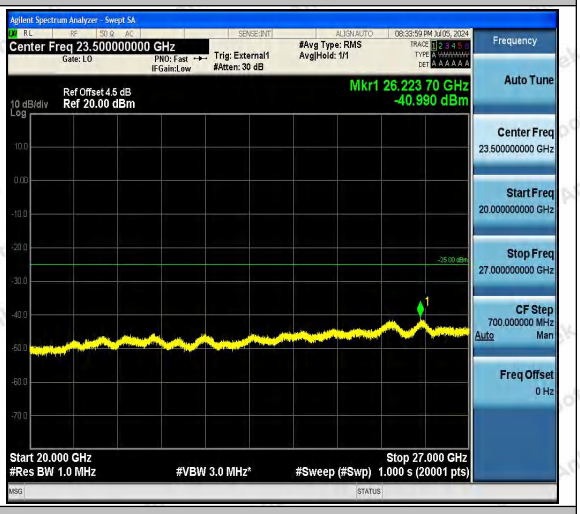
Band38_20MHz_16QAM_38000_1RB#0_0.009~0.15_0.009~0.15



Band38_20MHz_16QAM_38000_1RB#0_0.15~30_0.15~30

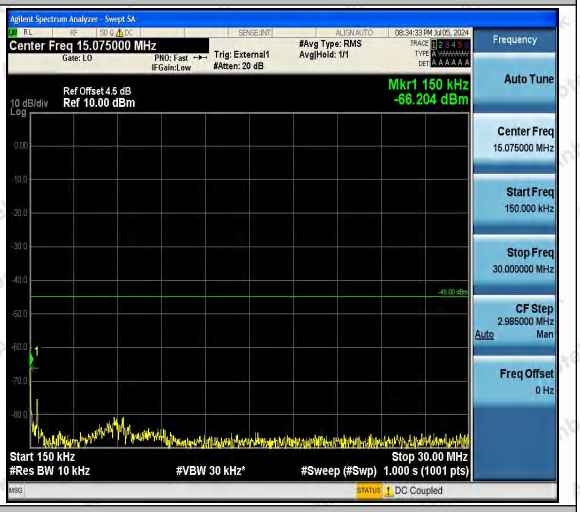


Band38_20MHz_16QAM_38000_1RB#0_30~1000_30~1000

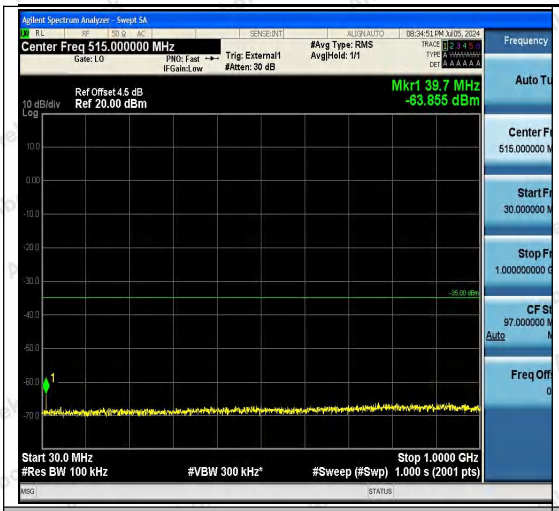


Band38_20MHz_16QAM_38000_1RB#0_20000~27000_20000~27000

Band38_20MHz_QPSK_38150_1RB#0_0.009~0.15_0.009~0.15

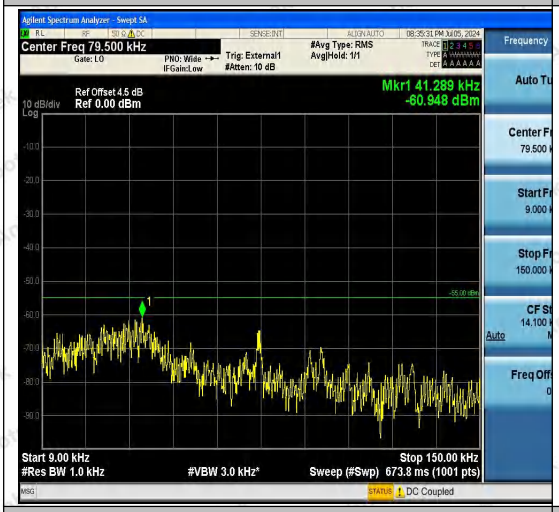


Band38_20MHz_QPSK_38150_1RB#0_0.15~30_0.15~30

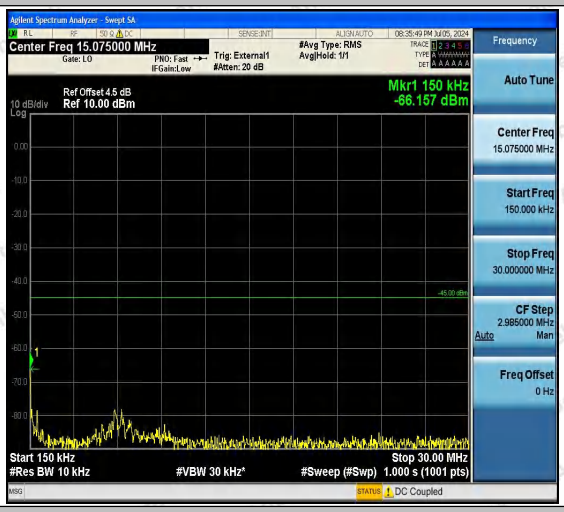


Band38_20MHz_QPSK_38150_1RB#0_30~1000_30~1000

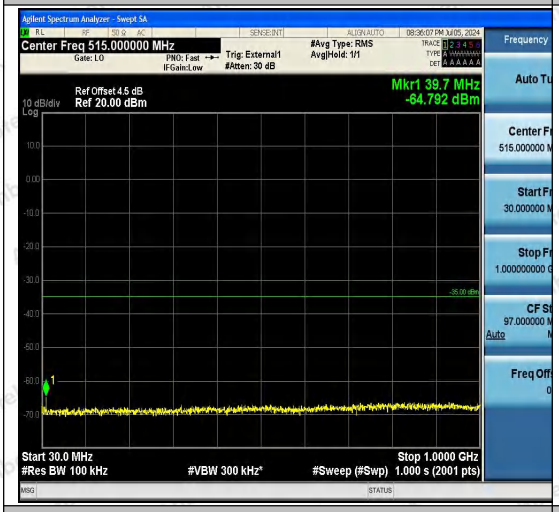
Band38_20MHz_QPSK_38150_1RB#0_20000~27000_20000~27000



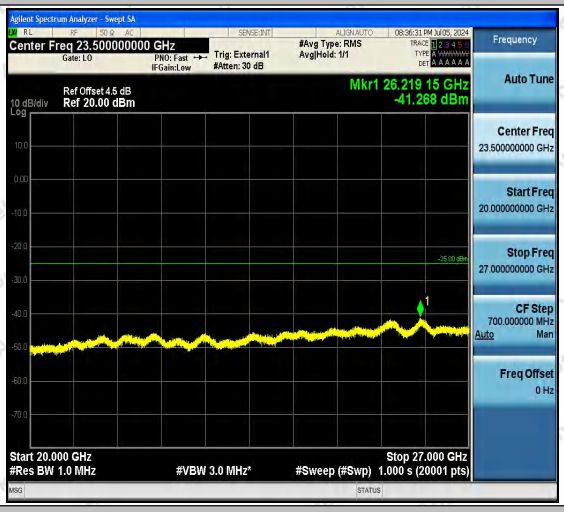
Band38_20MHz_16QAM_38150_1RB#0_0.009~0.15_0.009~0.15



Band38_20MHz_16QAM_38150_1RB#0_0.15~30_0.15~30



Band38_20MHz_16QAM_38150_1RB#0_30~1000_30~1000



Band38_20MHz_16QAM_38150_1RB#0_20000~27000_20000~27000

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	VN	NT	-11.10	-0.004315	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VL	NT	-14.73	-0.005726	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VH	NT	-16.15	-0.006278	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VN	NT	8.48	0.003296	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VL	NT	11.13	0.004327	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VH	NT	13.13	0.005104	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VN	NT	-16.75	-0.006455	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VL	NT	-14.19	-0.005468	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VH	NT	6.37	0.002455	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VN	NT	-12.79	-0.004929	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VL	NT	6.38	0.002459	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VH	NT	-14.82	-0.005711	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VN	NT	13.62	0.005203	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VL	NT	-23.66	-0.009039	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VH	NT	-11.83	-0.004520	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VN	NT	-3.99	-0.001524	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VL	NT	-11.17	-0.004267	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VH	NT	-13.19	-0.005039	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VN	NT	-15.76	-0.006120	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VL	NT	-10.43	-0.004050	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VH	NT	8.83	0.003429	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VN	NT	-14.13	-0.005487	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VL	NT	-12.20	-0.004738	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VH	NT	-12.02	-0.004668	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VN	NT	3.89	0.001499	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VL	NT	-3.56	-0.001372	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VH	NT	-14.71	-0.005669	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VN	NT	14.66	0.005649	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VL	NT	11.43	0.004405	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VH	NT	7.78	0.002998	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VN	NT	-12.37	-0.004730	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VL	NT	-10.04	-0.003839	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VH	NT	-5.75	-0.002199	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VN	NT	-13.63	-0.005212	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VL	NT	12.62	0.004826	±2.5	PASS

Band38	10MHz	16QAM	38200	50RB#0	VH	NT	-4.46	-0.001706	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VN	NT	-5.29	-0.002052	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VL	NT	-2.15	-0.000834	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VH	NT	-7.31	-0.002836	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VN	NT	4.52	0.001754	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VL	NT	-16.32	-0.006332	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VH	NT	-11.89	-0.004613	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VN	NT	-7.84	-0.003021	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VL	NT	-8.91	-0.003434	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VH	NT	-17.15	-0.006609	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VN	NT	11.99	0.004620	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VL	NT	-12.15	-0.004682	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VH	NT	-12.02	-0.004632	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VN	NT	11.19	0.004283	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VL	NT	-16.51	-0.006320	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VH	NT	10.09	0.003862	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VN	NT	-12.83	-0.004911	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VL	NT	-12.99	-0.004972	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VH	NT	6.95	0.002660	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-19.86	-0.007698	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	7.81	0.003027	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-15.65	-0.006066	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	2.80	0.001085	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-14.29	-0.005539	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	14.29	0.005539	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-16.71	-0.006439	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	6.58	0.002536	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	10.66	0.004108	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	12.25	0.004721	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-11.60	-0.004470	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	10.30	0.003969	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-19.11	-0.007322	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	8.61	0.003299	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-3.65	-0.001398	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	4.11	0.001575	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-14.53	-0.005567	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	4.33	0.001659	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	NV	-30	6.78	0.002636	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-20	31.77	0.012350	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-10	-10.26	-0.003988	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	0	-4.15	-0.001613	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	10	17.21	0.006690	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	20	25.29	0.009831	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	30	17.27	0.006713	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	40	21.50	0.008358	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	50	22.75	0.008844	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-30	26.44	0.010278	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-20	26.51	0.010305	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-10	28.67	0.011145	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	0	29.40	0.011429	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	10	-12.13	-0.004715	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	20	-12.20	-0.004742	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	30	10.83	0.004210	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	40	-6.59	-0.002562	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	50	8.01	0.003114	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-30	-9.51	-0.003665	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-20	8.24	0.003175	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-10	-12.49	-0.004813	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	0	-10.90	-0.004200	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	10	-11.69	-0.004505	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	20	-11.86	-0.004570	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	30	6.04	0.002328	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	40	-14.39	-0.005545	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	50	-6.51	-0.002509	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-30	-18.11	-0.006979	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-20	-12.83	-0.004944	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-10	-15.92	-0.006135	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	0	-16.45	-0.006339	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	10	-16.22	-0.006250	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	20	-11.22	-0.004324	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	30	5.25	0.002023	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	40	-10.13	-0.003904	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	50	-9.20	-0.003545	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-30	5.08	0.001941	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-20	-12.72	-0.004860	±2.5	PASS

Band38	5MHz	QPSK	38225	25RB#0	NV	-10	-10.14	-0.003874	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	0	-14.20	-0.005425	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	10	-8.91	-0.003404	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	20	-13.10	-0.005005	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	30	-17.02	-0.006502	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	40	10.87	0.004153	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	50	-19.54	-0.007465	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-30	-13.09	-0.005001	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-20	8.38	0.003202	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-10	-18.84	-0.007198	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	0	5.89	0.002250	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	10	-16.52	-0.006311	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	20	-23.15	-0.008844	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	30	-22.93	-0.008760	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	40	-17.29	-0.006606	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	50	-17.57	-0.006713	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-30	-16.08	-0.006245	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-20	-16.97	-0.006590	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-10	-14.41	-0.005596	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	0	-9.97	-0.003872	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	10	-12.22	-0.004746	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	20	5.58	0.002167	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	30	3.19	0.001239	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	40	7.55	0.002932	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	50	-16.21	-0.006295	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-30	-7.01	-0.002722	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-20	6.05	0.002350	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-10	-7.84	-0.003045	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	0	-15.05	-0.005845	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	10	-8.91	-0.003460	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	20	-11.63	-0.004517	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	30	-10.59	-0.004113	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	40	3.16	0.001227	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	50	-9.84	-0.003821	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-30	12.15	0.004682	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-20	-18.15	-0.006994	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-10	-9.73	-0.003750	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	0	-12.90	-0.004971	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	10	-17.91	-0.006902	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	20	-14.33	-0.005522	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	30	4.98	0.001919	±2.5	PASS

Band38	10MHz	QPSK	38000	50RB#0	NV	40	7.71	0.002971	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	50	4.18	0.001611	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-30	-11.00	-0.004239	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-20	6.24	0.002405	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-10	12.63	0.004867	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	0	-8.88	-0.003422	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	10	-15.82	-0.006096	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	20	-13.88	-0.005349	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	30	-10.81	-0.004166	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	40	-8.10	-0.003121	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	50	-8.55	-0.003295	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-30	-10.07	-0.003851	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-20	-14.48	-0.005537	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-10	8.28	0.003166	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	0	-11.42	-0.004367	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	10	-10.84	-0.004145	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	20	-11.77	-0.004501	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	30	-8.37	-0.003201	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	40	7.07	0.002704	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	50	-9.28	-0.003549	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-30	-15.01	-0.005740	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-20	-14.75	-0.005641	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-10	-12.33	-0.004715	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	0	-11.29	-0.004317	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	10	-7.20	-0.002753	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	20	-10.61	-0.004057	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	30	-4.18	-0.001598	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	40	-13.38	-0.005117	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	50	-18.14	-0.006937	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-30	-15.09	-0.005855	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-20	-13.95	-0.005412	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-10	-7.71	-0.002991	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	0	-12.65	-0.004908	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	10	-4.19	-0.001626	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	20	-20.94	-0.008124	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	30	-7.55	-0.002929	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	40	-7.75	-0.003007	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	50	-3.38	-0.001311	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-30	-11.50	-0.004462	±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	-8.43	-0.003271	±2.5	PASS

Band38	15MHz	16QAM	37825	75RB#0	NV	0	-9.03	-0.003503	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	10	4.26	0.001653	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	20	-6.15	-0.002386	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	30	11.16	0.004330	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	40	9.76	0.003787	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	50	-4.89	-0.001897	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-30	-6.42	-0.002474	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-20	7.87	0.003033	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-10	-11.06	-0.004262	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	0	-6.78	-0.002613	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	10	7.95	0.003064	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	20	-18.01	-0.006940	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	30	-12.22	-0.004709	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	40	-15.85	-0.006108	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	50	10.87	0.004189	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-30	5.89	0.002270	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-20	-16.75	-0.006455	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-10	-11.24	-0.004331	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	0	-14.18	-0.005464	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	10	-13.89	-0.005353	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	20	-10.14	-0.003908	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	30	-18.47	-0.007118	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	40	-12.80	-0.004933	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	50	-13.85	-0.005337	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-30	-7.85	-0.003005	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-20	-10.43	-0.003992	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-10	-5.59	-0.002140	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	0	14.06	0.005382	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	10	-10.16	-0.003889	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	20	-8.30	-0.003177	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	30	-7.67	-0.002936	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	40	12.73	0.004873	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	50	-15.39	-0.005891	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-30	-8.45	-0.003234	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-20	-9.58	-0.003667	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-10	-4.79	-0.001833	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	0	-10.49	-0.004015	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	10	-15.84	-0.006063	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	20	-9.91	-0.003793	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	30	10.69	0.004092	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	40	8.81	0.003372	±2.5	PASS

Band38	15MHz	16QAM	38175	75RB#0	NV	50	-13.10	-0.005014	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-11.54	-0.004473	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	14.09	0.005461	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	-14.59	-0.005655	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-18.40	-0.007132	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	8.85	0.003430	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-10.91	-0.004229	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	6.39	0.002477	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-15.56	-0.006031	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-3.82	-0.001481	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-14.63	-0.005671	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-5.19	-0.002012	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-10	-5.36	-0.002078	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	6.71	0.002601	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	-6.95	-0.002694	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-4.53	-0.001756	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	-18.38	-0.007124	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	-5.04	-0.001953	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	10.86	0.004209	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-14.08	-0.005426	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	6.19	0.002385	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-6.14	-0.002366	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-14.53	-0.005599	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	10.34	0.003985	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	11.99	0.004620	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	6.98	0.002690	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	8.58	0.003306	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-10.26	-0.003954	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	6.62	0.002551	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-4.84	-0.001865	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-10	6.69	0.002578	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	6.87	0.002647	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-15.52	-0.005981	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-11.50	-0.004432	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-8.80	-0.003391	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-10.51	-0.004050	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-8.65	-0.003333	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	11.44	0.004383	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-9.96	-0.003816	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	-20.17	-0.007728	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	9.23	0.003536	±2.5	PASS

Band38	20MHz	QPSK	38150	100RB#0	NV	10	-7.82	-0.002996	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-10.54	-0.004038	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-11.14	-0.004268	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-12.82	-0.004912	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	7.52	0.002881	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-4.01	-0.001536	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	-2.47	-0.000946	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-10	-14.49	-0.005552	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	-10.57	-0.004050	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-9.93	-0.003805	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-6.62	-0.002536	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	4.15	0.001590	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	14.00	0.005364	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	4.02	0.001540	±2.5	PASS

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