



Reference No.: W7L-240430W002RF07



APPENDIX G

LTE BAND14

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

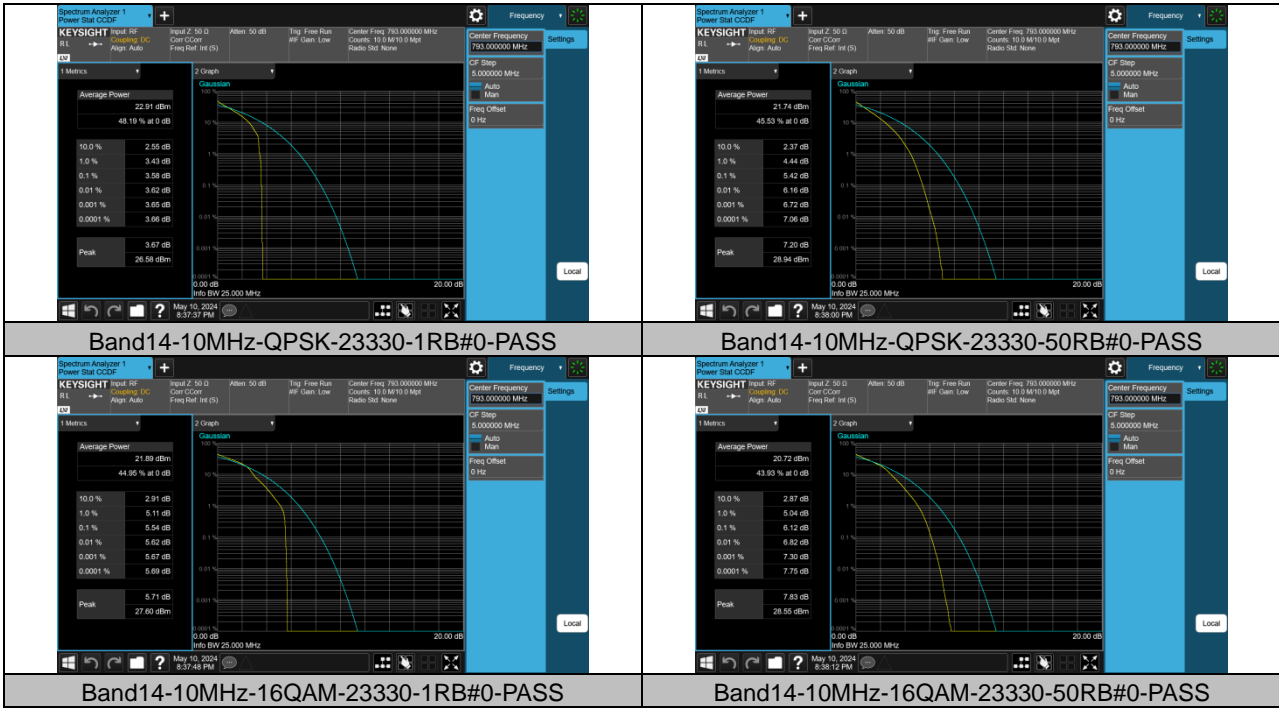
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band14	10MHz	QPSK	23330	1RB#0	3.58	13	PASS
Band14	10MHz	QPSK	23330	50RB#0	5.42	13	PASS
Band14	10MHz	16QAM	23330	1RB#0	5.54	13	PASS
Band14	10MHz	16QAM	23330	50RB#0	6.12	13	PASS



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26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

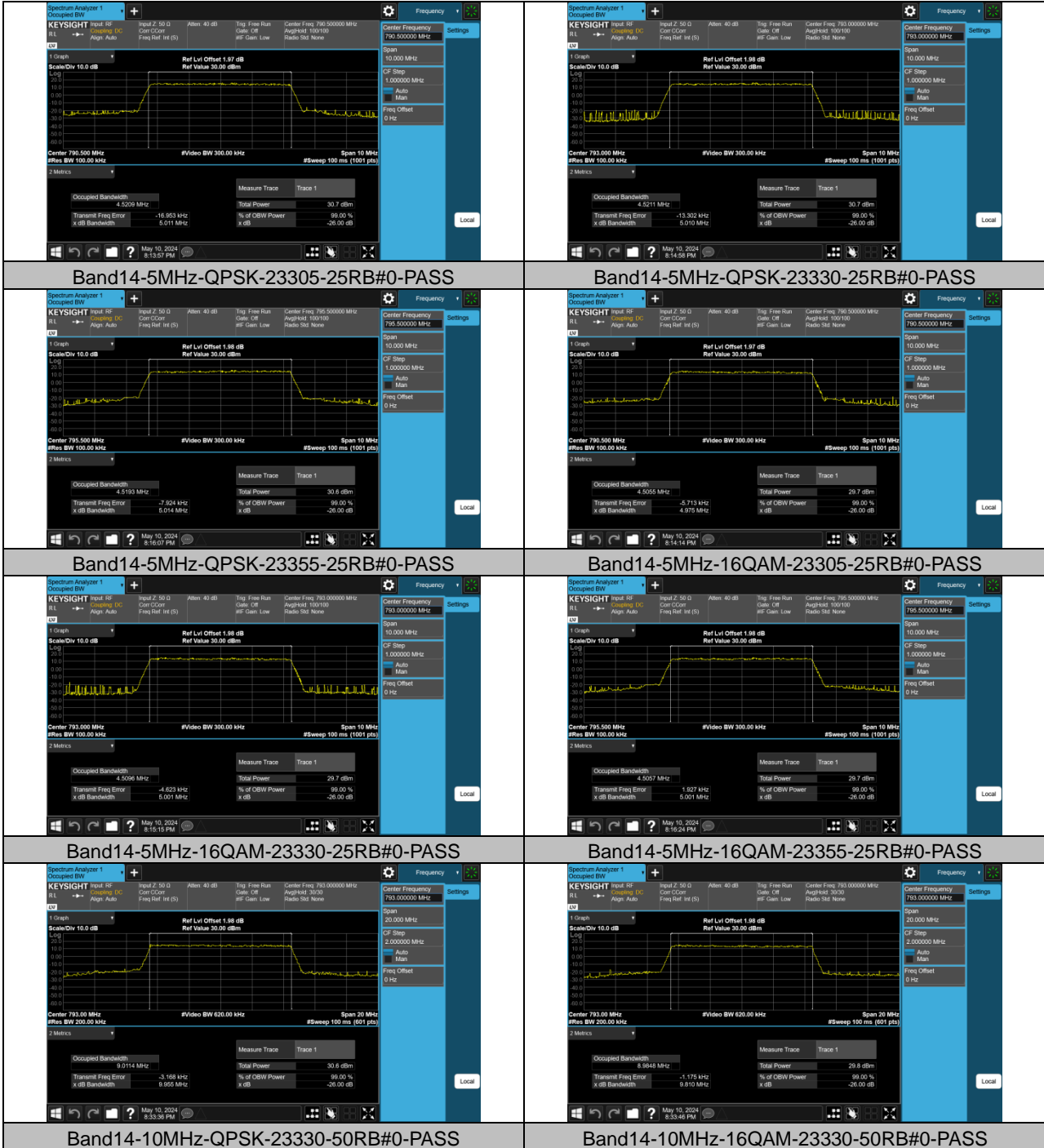
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band14	5MHz	QPSK	23305	25RB#0	4.5209	5.011	PASS
Band14	5MHz	QPSK	23330	25RB#0	4.5211	5.010	PASS
Band14	5MHz	QPSK	23355	25RB#0	4.5193	5.014	PASS
Band14	5MHz	16QAM	23305	25RB#0	4.5055	4.975	PASS
Band14	5MHz	16QAM	23330	25RB#0	4.5096	5.001	PASS
Band14	5MHz	16QAM	23355	25RB#0	4.5057	5.001	PASS
Band14	10MHz	QPSK	23330	50RB#0	9.0114	9.955	PASS
Band14	10MHz	16QAM	23330	50RB#0	8.9848	9.810	PASS



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BAND EDGE TEST RESULT

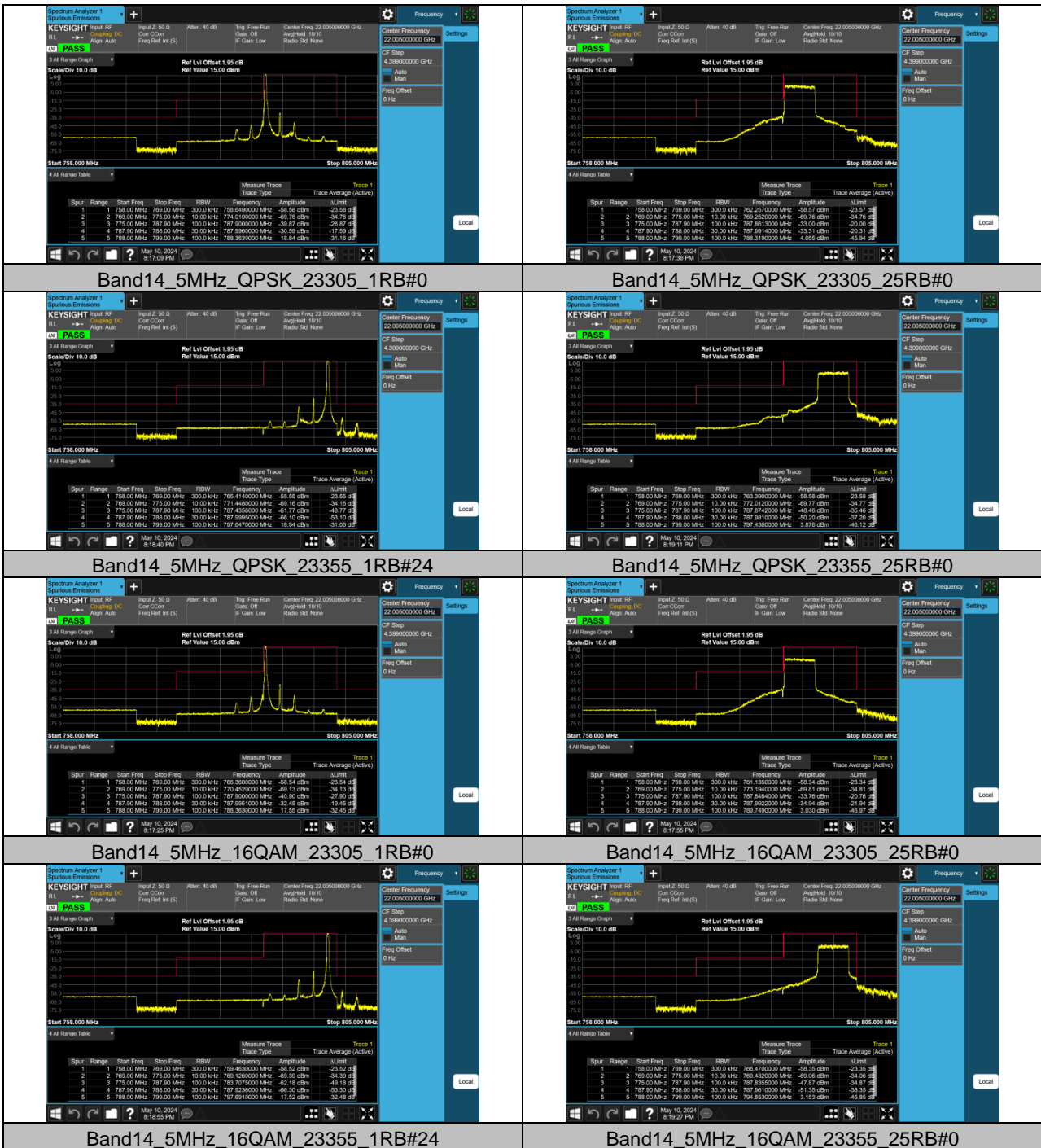
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	-30.59	PASS
Band14	5MHz	QPSK	23305	25RB#0	-33.00	PASS
Band14	5MHz	QPSK	23355	1RB#24	-51.43	PASS
Band14	5MHz	QPSK	23355	25RB#0	-44.28	PASS
Band14	5MHz	16QAM	23305	1RB#0	-32.45	PASS
Band14	5MHz	16QAM	23305	25RB#0	-55.14	PASS
Band14	5MHz	16QAM	23355	1RB#24	-50.58	PASS
Band14	5MHz	16QAM	23355	25RB#0	-44.97	PASS
Band14	10MHz	QPSK	23330	1RB#0	-58.60	PASS
Band14	10MHz	QPSK	23330	1RB#49	-58.49	PASS
Band14	10MHz	QPSK	23330	50RB#0	-44.90	PASS
Band14	10MHz	16QAM	23330	1RB#0	-58.61	PASS
Band14	10MHz	16QAM	23330	1RB#49	-58.33	PASS
Band14	10MHz	16QAM	23330	50RB#0	-44.32	PASS



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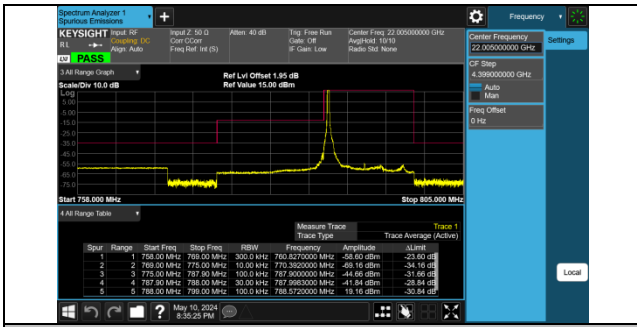
TEST GRAPHS



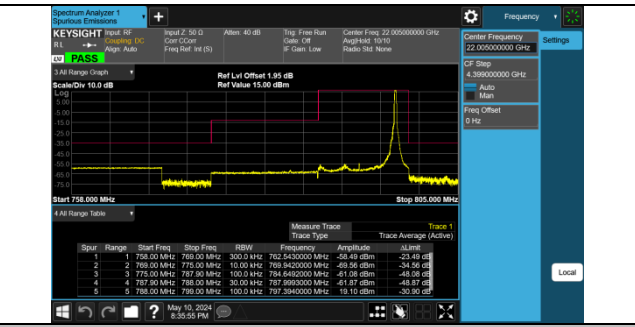


BUREAU VERITAS

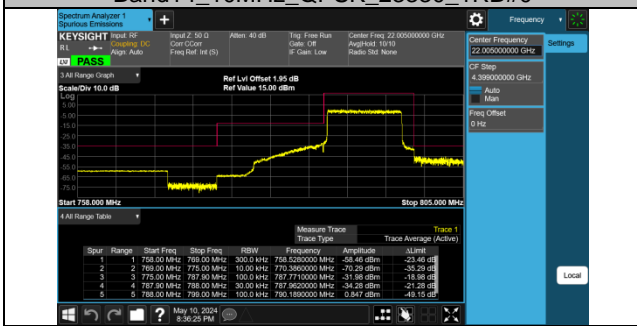
Reference No.: W7L-240430W002RF07



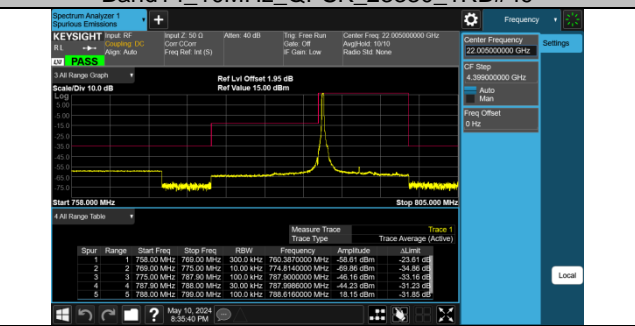
Band14_10MHz_QPSK_23330_1RB#0



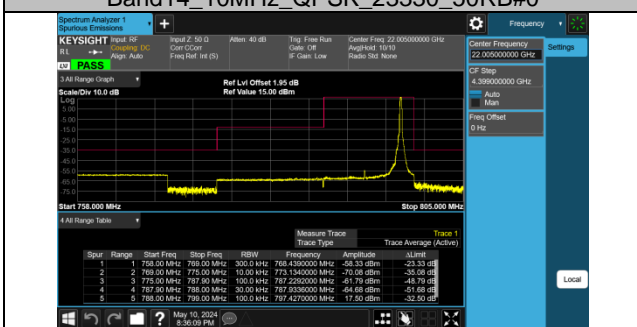
Band14_10MHz_QPSK_23330_1RB#49



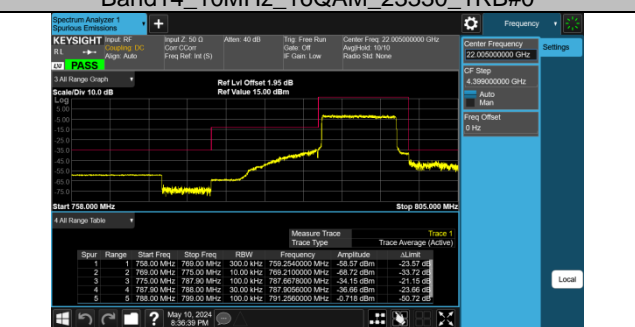
Band14_10MHz_QPSK_23330_50RB#0



Band14_10MHz_16QAM_23330_1RB#0



Band14_10MHz_16QAM_23330_1RB#49



Band14_10MHz_16QAM_23330_50RB#0



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CONDUCTED SPURIOUS EMISSION TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	30~1000	-65.63	PASS
Band14	5MHz	QPSK	23305	1RB#0	1000~10000	-37.84	PASS
Band14	5MHz	QPSK	23330	1RB#0	30~1000	-65.61	PASS
Band14	5MHz	QPSK	23330	1RB#0	1000~10000	-38.49	PASS
Band14	5MHz	QPSK	23355	1RB#0	30~1000	-65.81	PASS
Band14	5MHz	QPSK	23355	1RB#0	1000~10000	-38.50	PASS
Band14	10MHz	QPSK	23330	1RB#0	30~1000	-65.99	PASS
Band14	10MHz	QPSK	23330	1RB#0	1000~10000	-37.74	PASS

TEST GRAPHS





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FREQUENCY STABILITY TEST RESULT

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band14	5MHz	QPSK	23305	25RB#0	VN	NT	991.50	1.25	788.24941	---	788-798	PASS
Band14	5MHz	QPSK	23305	25RB#0	VL	NT	1001.94	1.27	788.25112	---	788-798	PASS
Band14	5MHz	QPSK	23305	25RB#0	VH	NT	916.03	1.16	788.25262	---	788-798	PASS
Band14	5MHz	QPSK	23355	25RB#0	VN	NT	-3040.00	-3.821496	---	797.73711	788-798	PASS
Band14	5MHz	QPSK	23355	25RB#0	VL	NT	-4280.00	-5.380264	---	797.73667	788-798	PASS
Band14	5MHz	QPSK	23355	25RB#0	VH	NT	-1460.00	-1.835324	---	797.73784	788-798	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band14	5MHz	QPSK	23305	25RB#0	NV	-30	945.78	1.20	788.25483	---	788-798	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	-20	864.11	1.09	788.25581	---	788-798	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	-10	813.13	1.03	788.25682	---	788-798	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	0	685.84	0.87	788.2529	---	788-798	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	10	666.00	0.84	788.25264	---	788-798	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	20	677.60	0.86	788.25362	---	788-798	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	30	673.09	0.85	788.2498	---	788-798	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	40	601.22	0.76	788.2527	---	788-798	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	50	439.92	0.56	788.25199	---	788-798	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	-30	992.96	1.25	---	797.73934	788-798	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	-20	971.73	1.22	---	797.73871	788-798	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	-10	771.01	0.97	---	797.7349	788-798	PASS



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Band1 4	5MHz	QPSK	23355	25RB #0	NV	0	604.8 9	0.76	---	797.7 3682	788-7 98	PASS
Band1 4	5MHz	QPSK	23355	25RB #0	NV	10	336.9 3	0.42	---	797.7 3812	788-7 98	PASS
Band1 4	5MHz	QPSK	23355	25RB #0	NV	20	119.15	0.15	---	797.7 4029	788-7 98	PASS
Band1 4	5MHz	QPSK	23355	25RB #0	NV	30	-59.02	-0.07	---	797.7 3909	788-7 98	PASS
Band1 4	5MHz	QPSK	23355	25RB #0	NV	40	-35.24	-0.04	---	797.7 3822	788-7 98	PASS
Band1 4	5MHz	QPSK	23355	25RB #0	NV	50	-45.02	-0.06	---	797.7 3829	788-7 98	PASS

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