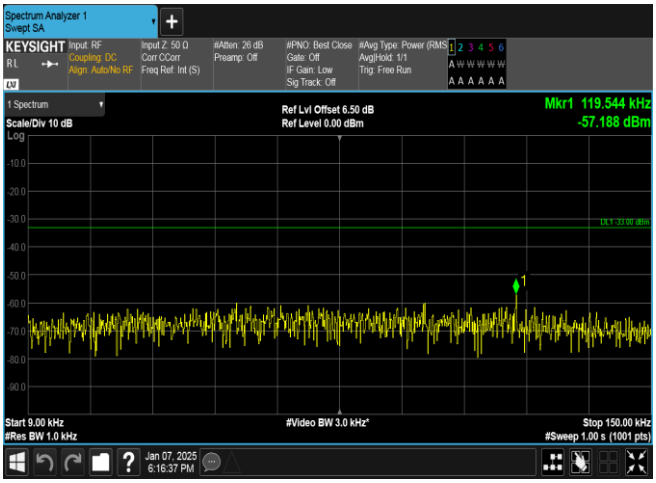
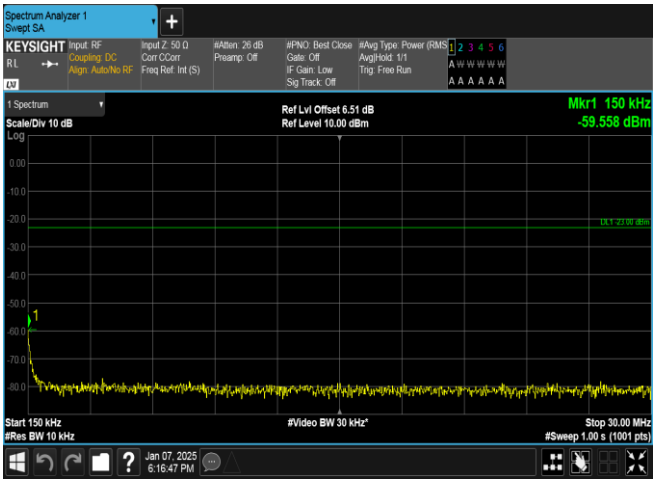


Band13-10MHz-QPSK-23230-50RB#0-0.009~0.15-PASS



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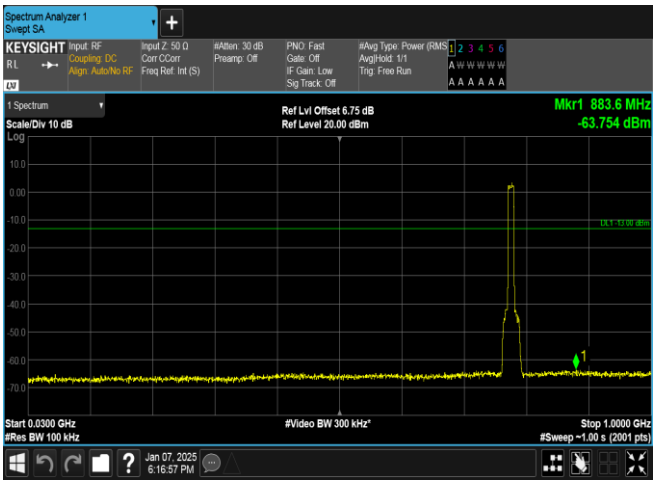
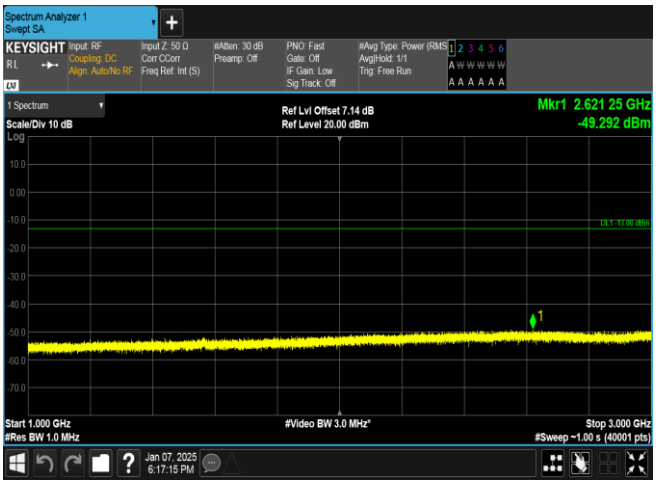
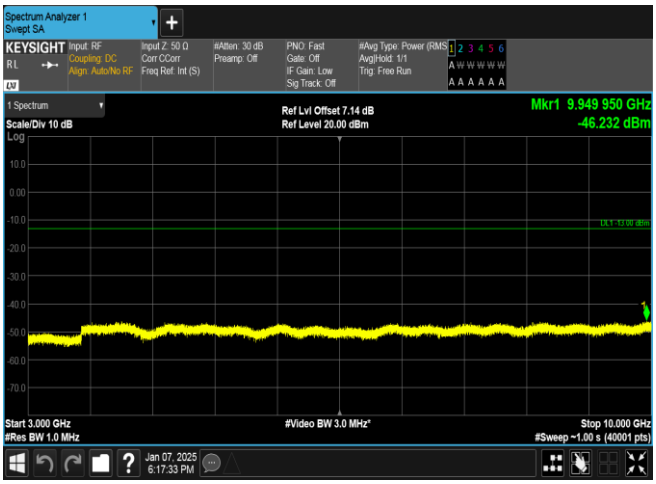


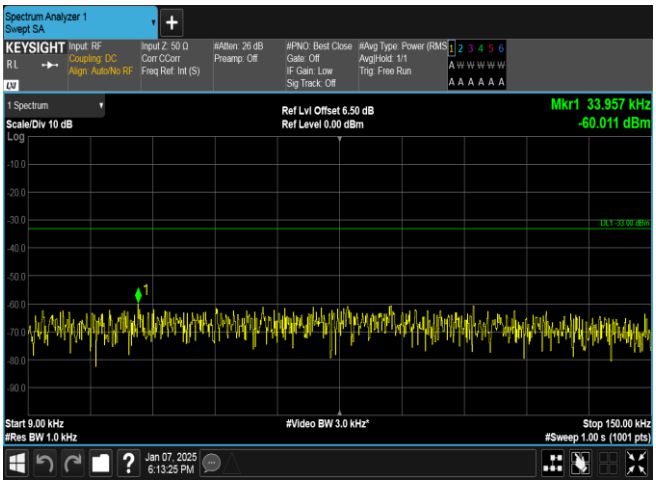
Band13-10MHz-QPSK-23230-50RB#0-30~1000-PASS



Band13-10MHz-QPSK-23230-50RB#0-1000~3000-PASS



Band13-10MHz-QPSK-23230-50RB#0-3000~10000-PASS



Band13-10MHz-16QAM-23230-1RB#0-0.009~0.15-PASS

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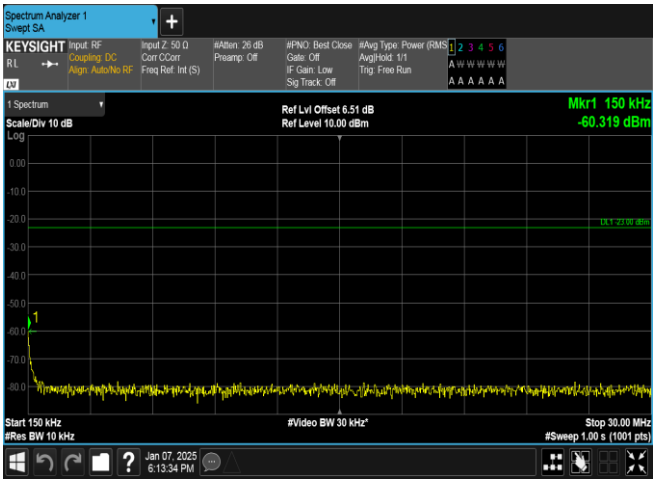
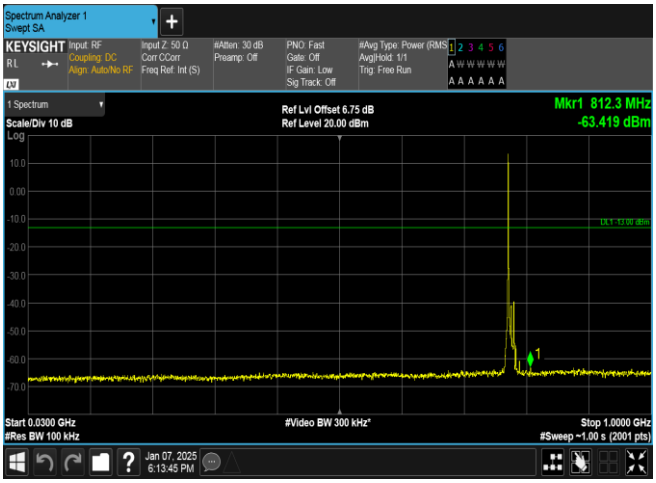
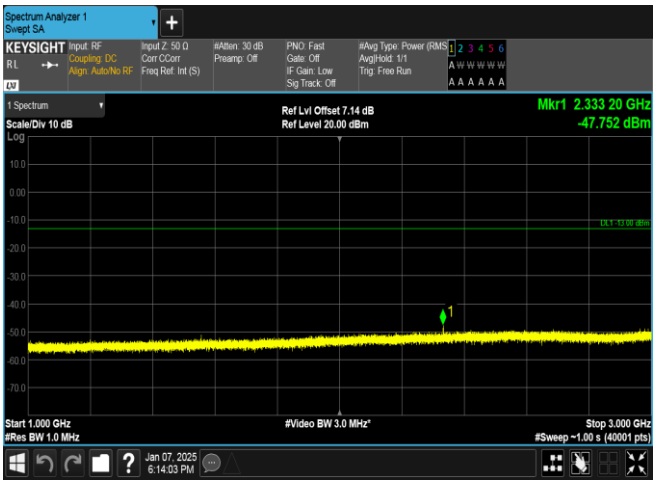


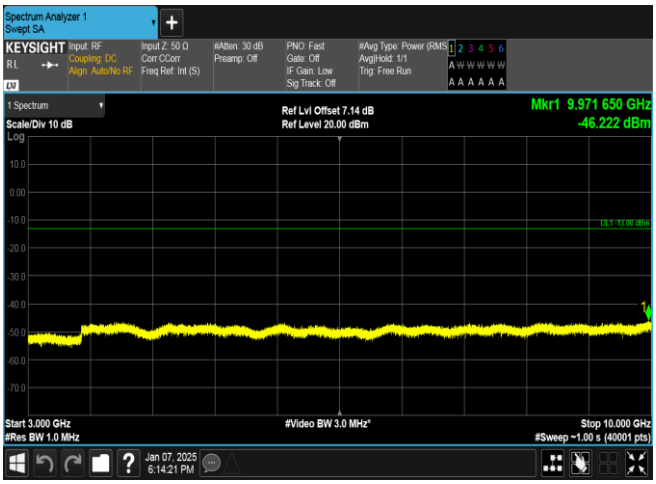
Band13-10MHz-16QAM-23230-1RB#0-0.15~30-PASS



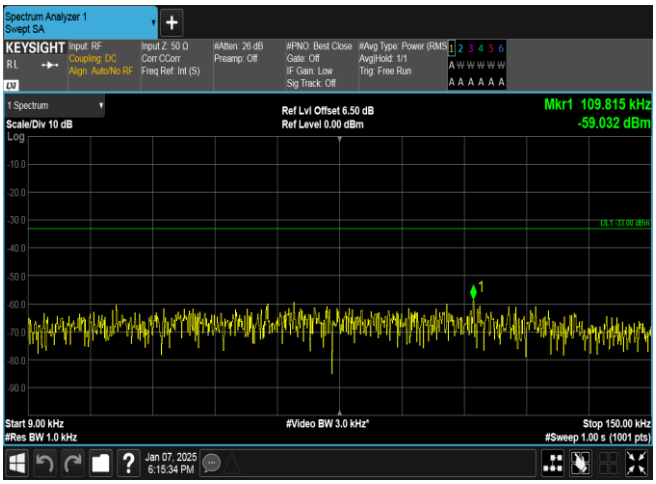
Band13-10MHz-16QAM-23230-1RB#0-30~1000-PASS



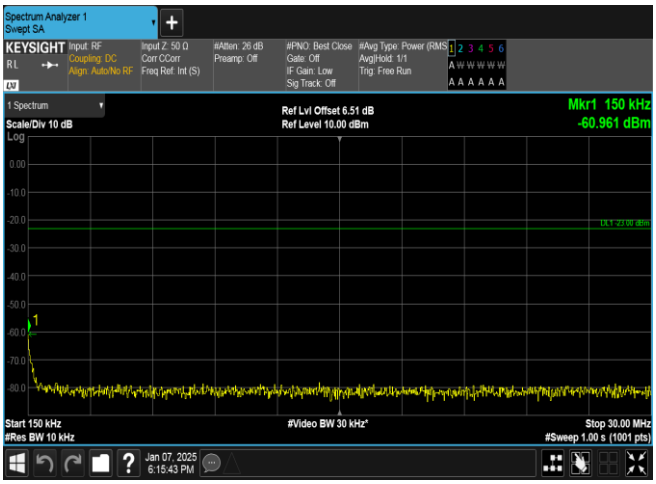
Band13-10MHz-16QAM-23230-1RB#0-1000~3000-PASS



Band13-10MHz-16QAM-23230-1RB#0-3000~10000-PASS



Band13-10MHz-16QAM-23230-1RB#49-0.009~0.15-PASS



Band13-10MHz-16QAM-23230-1RB#49-0.15~30-PASS

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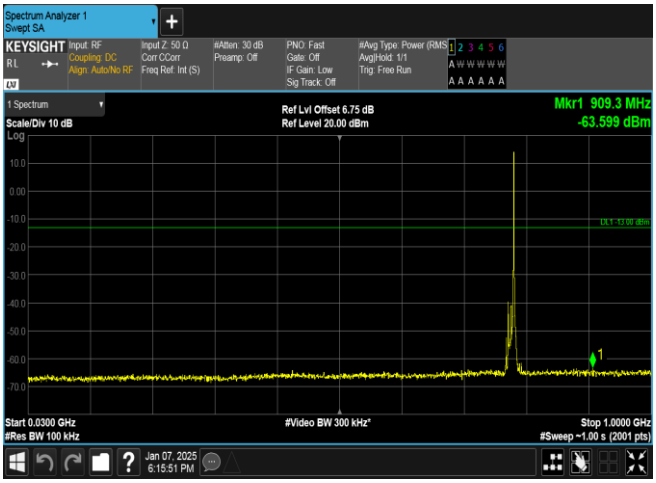
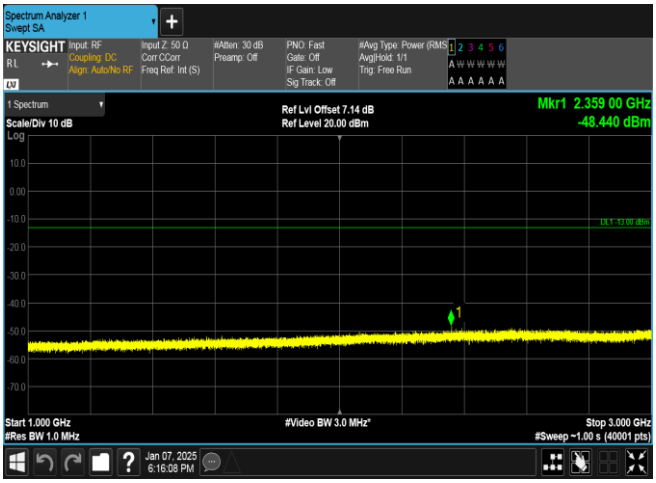


Band13-10MHz-16QAM-23230-1RB#49-30~1000-PASS



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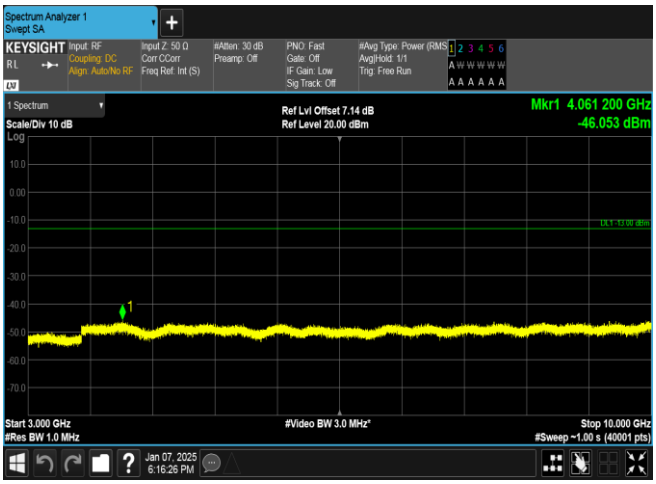
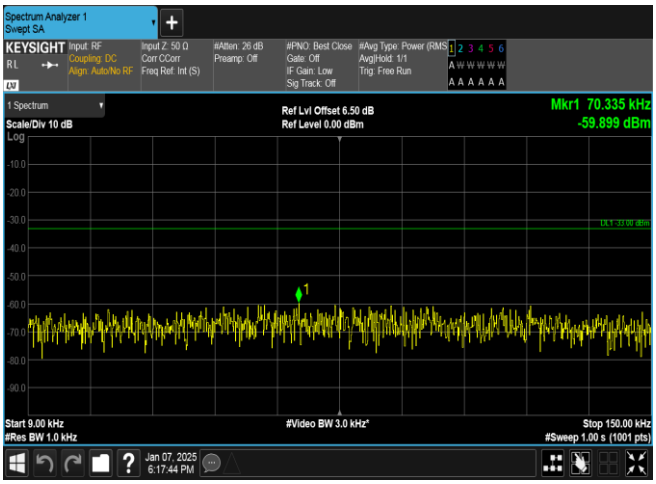
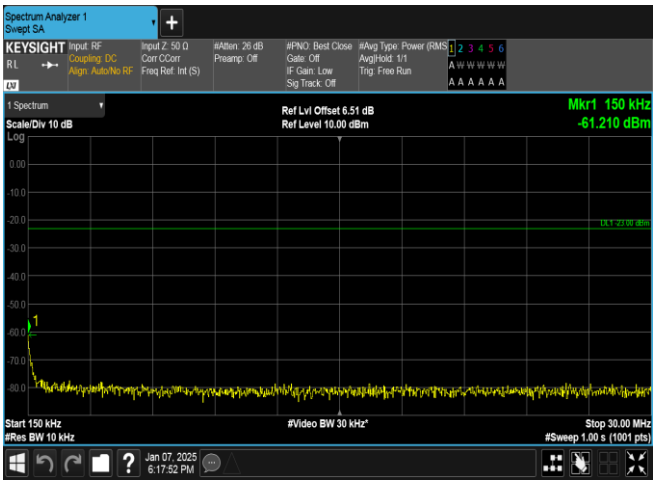


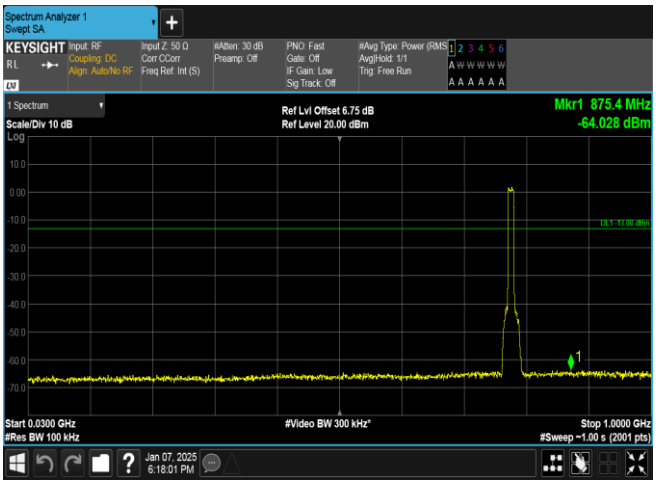
Band13-10MHz-16QAM-23230-1RB#49-3000~10000-PASS



Band13-10MHz-16QAM-23230-50RB#0-0.009~0.15-PASS



Band13-10MHz-16QAM-23230-50RB#0-0.15~30-PASS



Band13-10MHz-16QAM-23230-50RB#0-30~1000-PASS

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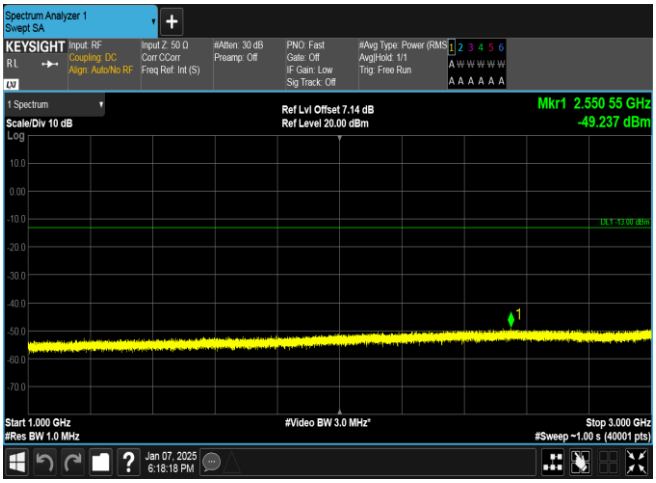	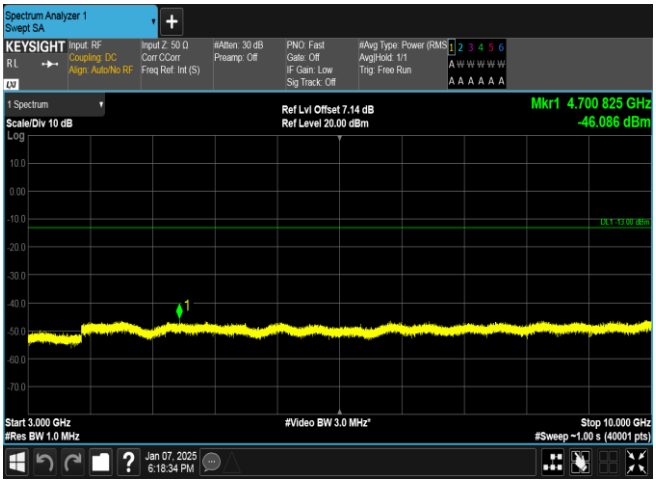
Band13-10MHz-16QAM-23230-50RB#0-1000~3000-PASS	Band13-10MHz-16QAM-23230-50RB#0-3000~10000-PASS

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Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	-2270.00	-2.912123	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	-1460.00	-1.872996	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-1410.00	-1.808852	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	-6490.00	-8.299233	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-4090.00	-5.230179	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-6710.00	-8.580563	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	-1260.00	-1.606119	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	-120.00	-0.152964	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	-2340.00	-2.982792	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-1610.00	-2.065427	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	-770.00	-0.987813	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-230.00	-0.295061	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-650.00	-0.831202	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	2990.00	3.823529	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	2300.00	2.941176	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	1200.00	1.529637	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	620.00	0.790312	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	1550.00	1.975781	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-2190.00	-2.800512	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-4240.00	-5.421995	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-4050.00	-5.179028	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	200.00	0.255754	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	-430.00	-0.549872	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	2350.00	3.005115	±NA	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	-1160.00	-1.488133	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	-1110.00	-1.423990	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	-1360.00	-1.744708	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-1250.00	-1.603592	±NA	PASS

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Band13	5MHz	QPSK	23205	25RB#0	NV	10	-890.00	-1.141758	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	-3520.00	-4.515715	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	-1050.00	-1.347017	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	-2090.00	-2.681206	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	-480.00	-0.615779	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	-6850.00	-8.759591	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	-3390.00	-4.335038	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	-3170.00	-4.053708	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	-5150.00	-6.585678	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-5140.00	-6.572890	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-2800.00	-3.580563	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	-3410.00	-4.360614	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-5420.00	-6.930946	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-3320.00	-4.245524	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	-1990.00	-2.536648	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	-1590.00	-2.026769	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	-2100.00	-2.676864	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	-430.00	-0.548120	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	-1720.00	-2.192479	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	-1890.00	-2.409178	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	-1870.00	-2.383684	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	-1170.00	-1.491396	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	-1370.00	-1.746335	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-660.00	-0.846697	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	-1370.00	-1.757537	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	-650.00	-0.833868	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-1230.00	-1.577935	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-1550.00	-1.988454	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-440.00	-0.564464	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-2310.00	-2.963438	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	-1900.00	-2.437460	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	170.00	0.218089	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	1270.00	1.624041	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	230.00	0.294118	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	1880.00	2.404092	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	300.00	0.383632	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	890.00	1.138107	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	2830.00	3.618926	±NA	PASS

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Band13	5MHz	16QAM	23230	25RB#0	NV	30	-250.00	-0.319693	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	270.00	0.345269	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	1430.00	1.828645	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	670.00	0.854047	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	140.00	0.178458	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	-30.00	-0.038241	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	1010.00	1.287444	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	1160.00	1.478649	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	580.00	0.739324	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	-960.00	-1.223709	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	90.00	0.114723	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	1480.00	1.886552	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-2730.00	-3.491049	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-4270.00	-5.460358	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-2920.00	-3.734015	±NA	PASS
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Band13	10MHz	QPSK	23230	50RB#0	NV	30	-5820.00	-7.442455	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-4310.00	-5.511509	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-4580.00	-5.856777	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	500.00	0.639386	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	4070.00	5.204604	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	1260.00	1.611253	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	1130.00	1.445013	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	420.00	0.537084	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	1080.00	1.381074	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	-1970.00	-2.519182	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	-650.00	-0.831202	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	1200.00	1.534527	±NA	PASS

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