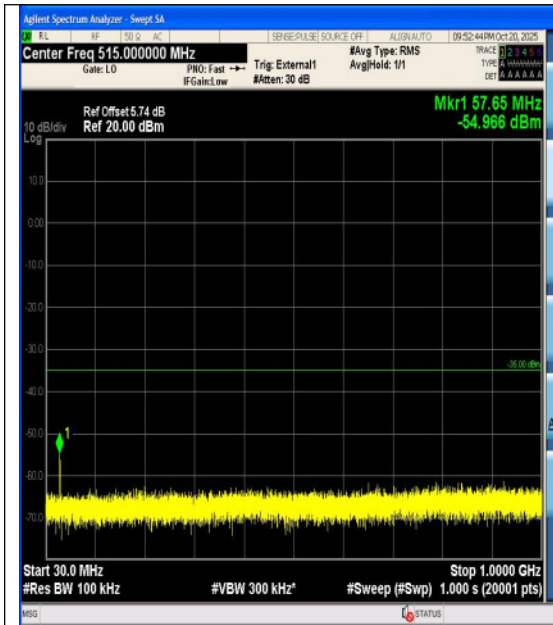
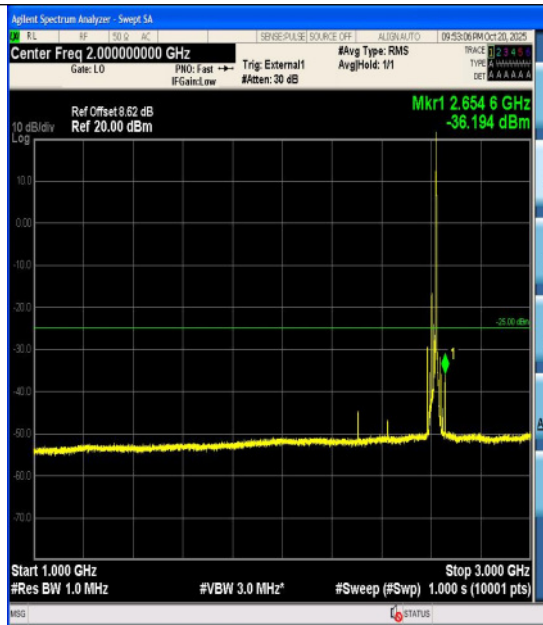
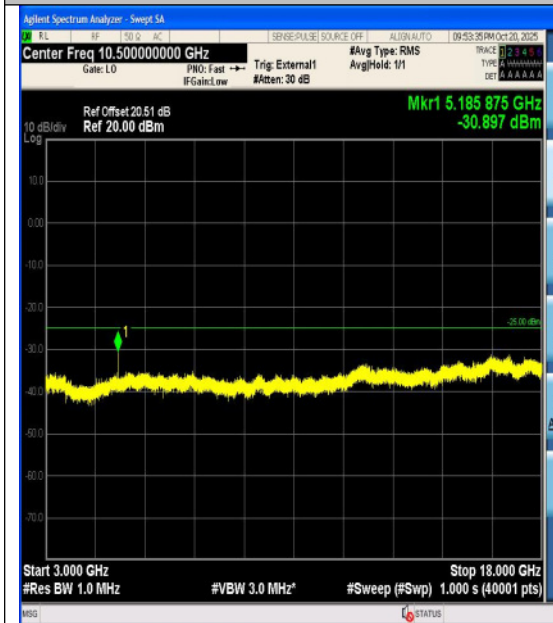




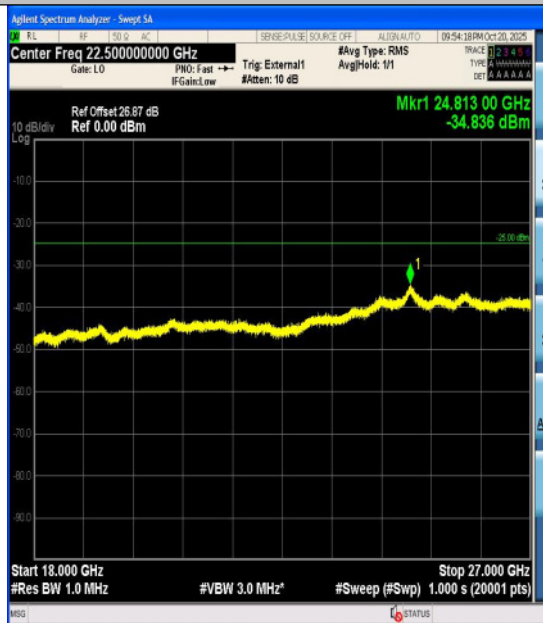
Band38-20MHz-QPSK-38150-1RB#99-3000~18000-PASS



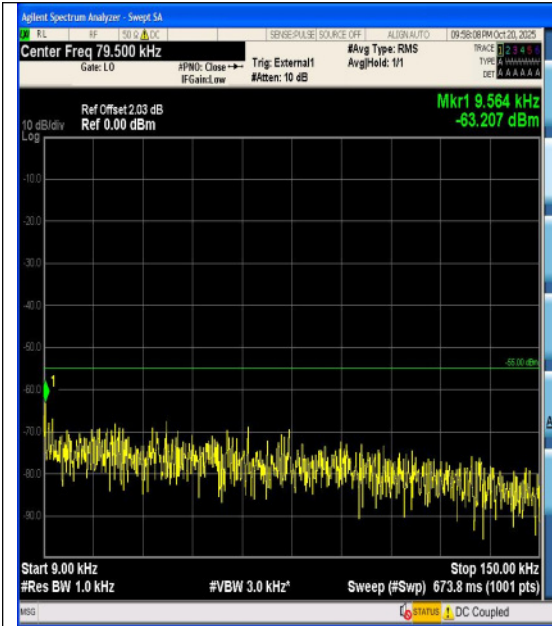
Band38-20MHz-QPSK-38150-1RB#99-18000~27000-PASS



Band38-20MHz-QPSK-38150-100RB#0-0.009~0.15-PASS



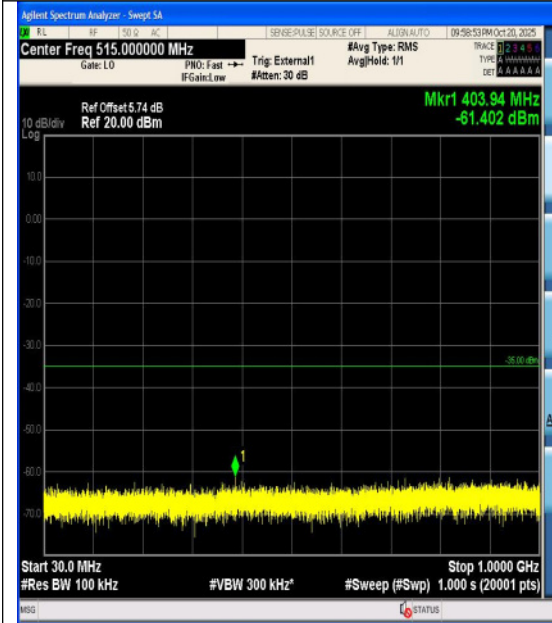
Band38-20MHz-QPSK-38150-100RB#0-0.15~30-PASS



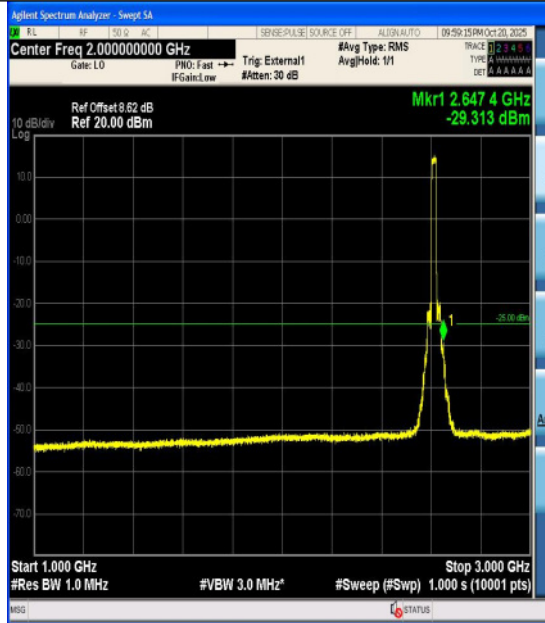
Band38-20MHz-QPSK-38150-100RB#0-30~100
0-PASS



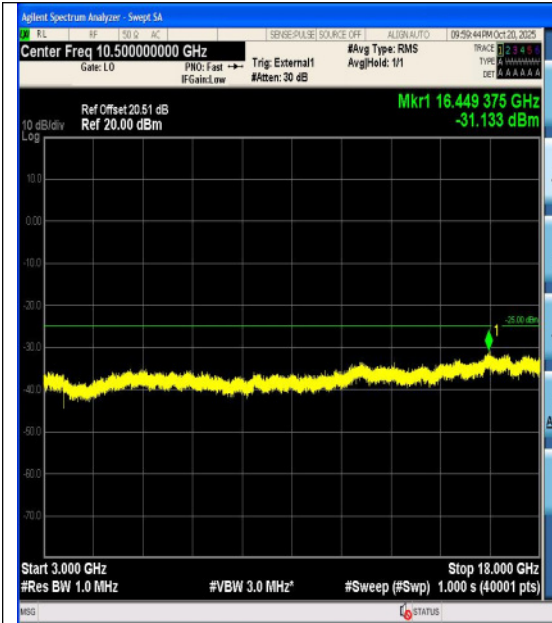
Band38-20MHz-QPSK-38150-100RB#0-1000~3
000-PASS



Band38-20MHz-QPSK-38150-100RB#0-3000~1
8000-PASS

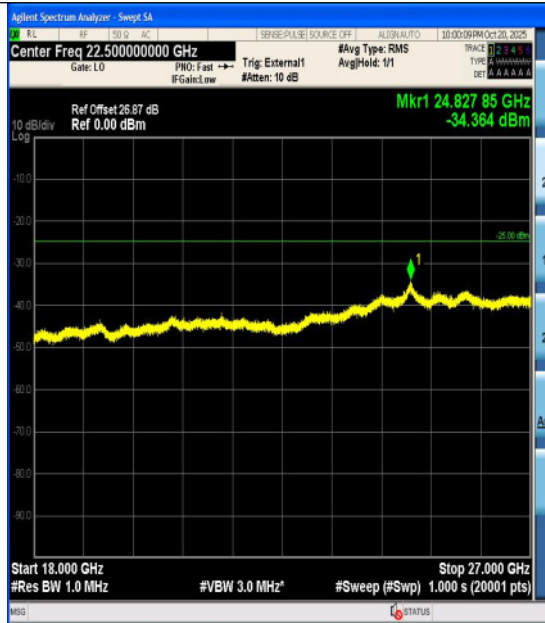


Band38-20MHz-QPSK-38150-100RB#0-18000~
27000-PASS



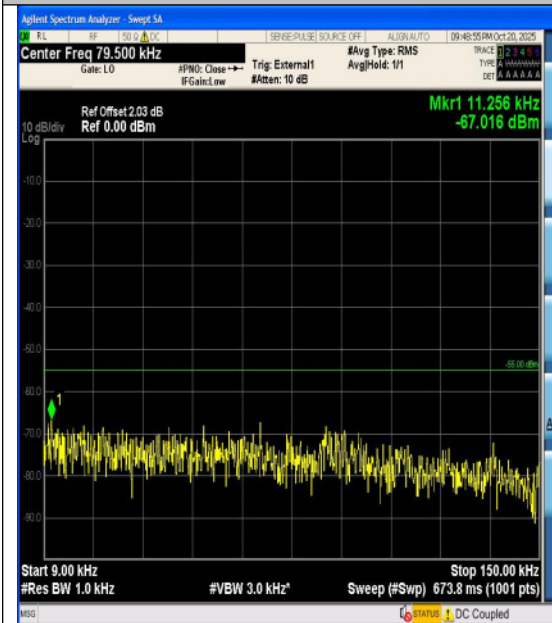
Band38-20MHz-16QAM-38150-1RB#0-0.009~0.

15-PASS



Band38-20MHz-16QAM-38150-1RB#0-0.15~30-

PASS



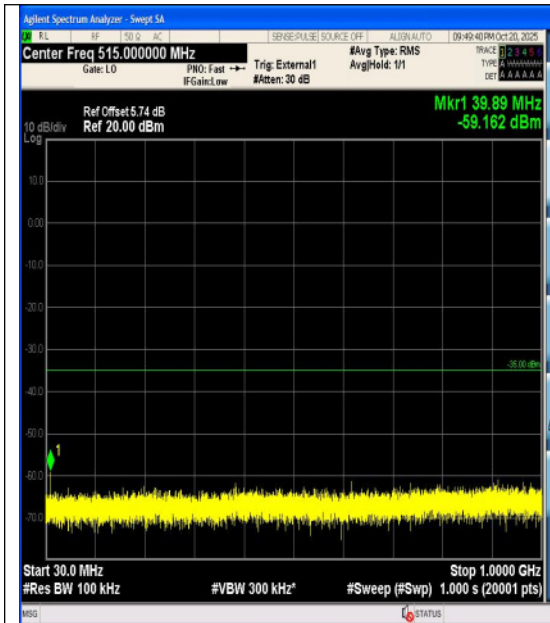
Band38-20MHz-16QAM-38150-1RB#0-30~1000-

PASS

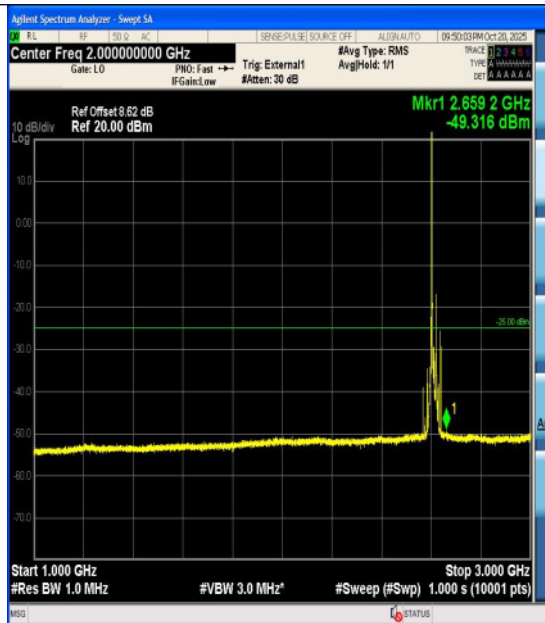


Band38-20MHz-16QAM-38150-1RB#0-1000~30

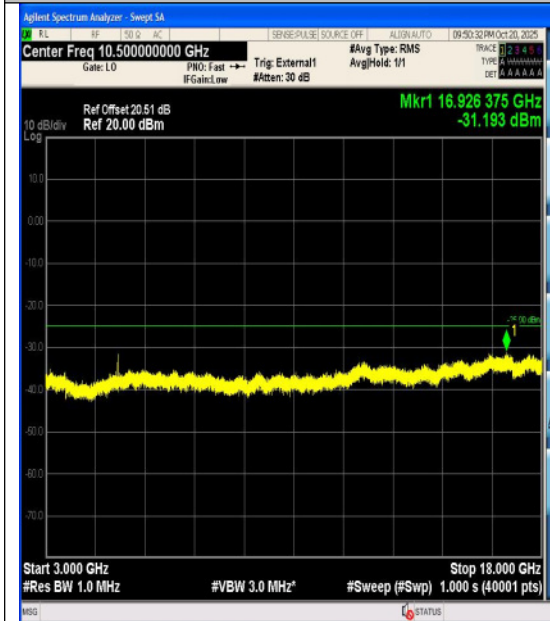
00-PASS



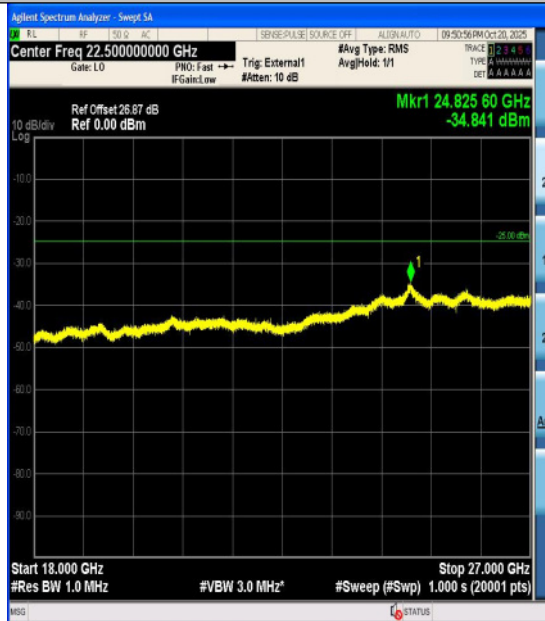
Band38-20MHz-16QAM-38150-1RB#0-3000~18000-PASS



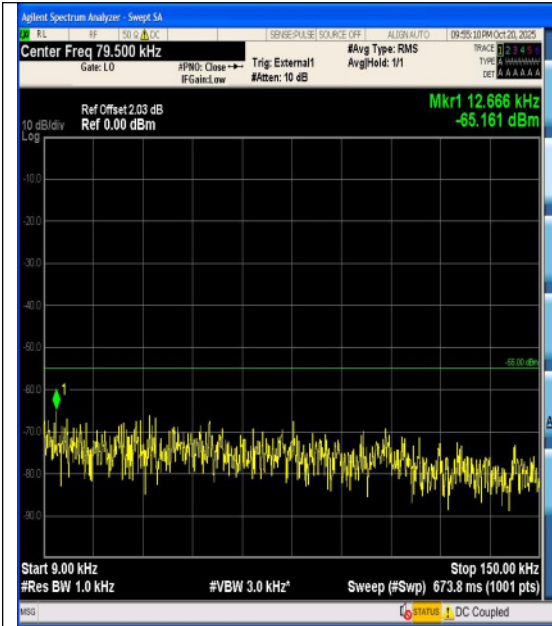
Band38-20MHz-16QAM-38150-1RB#0-18000~27000-PASS



Band38-20MHz-16QAM-38150-1RB#99-0.009~0.15-PASS



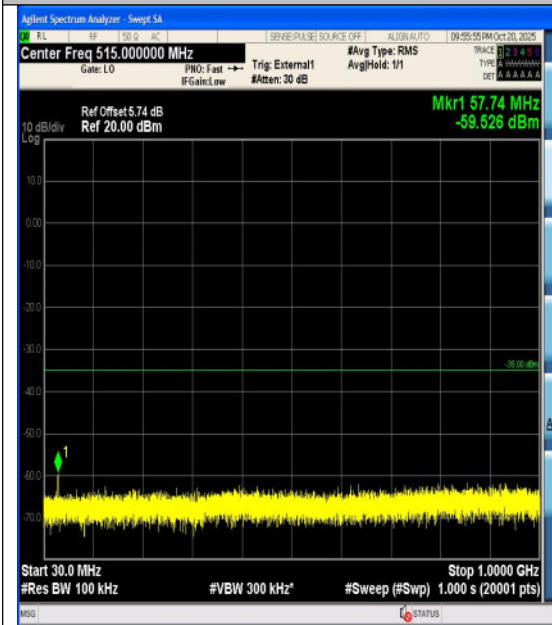
Band38-20MHz-16QAM-38150-1RB#99-0.15~30-PASS



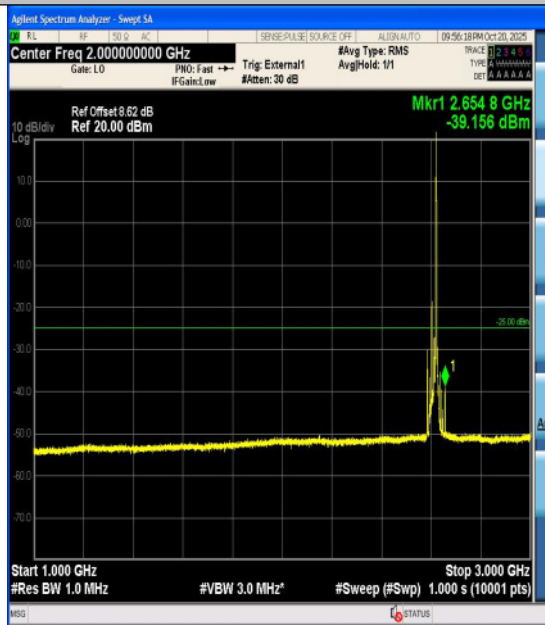
Band38-20MHz-16QAM-38150-1RB#99-30~100
0-PASS



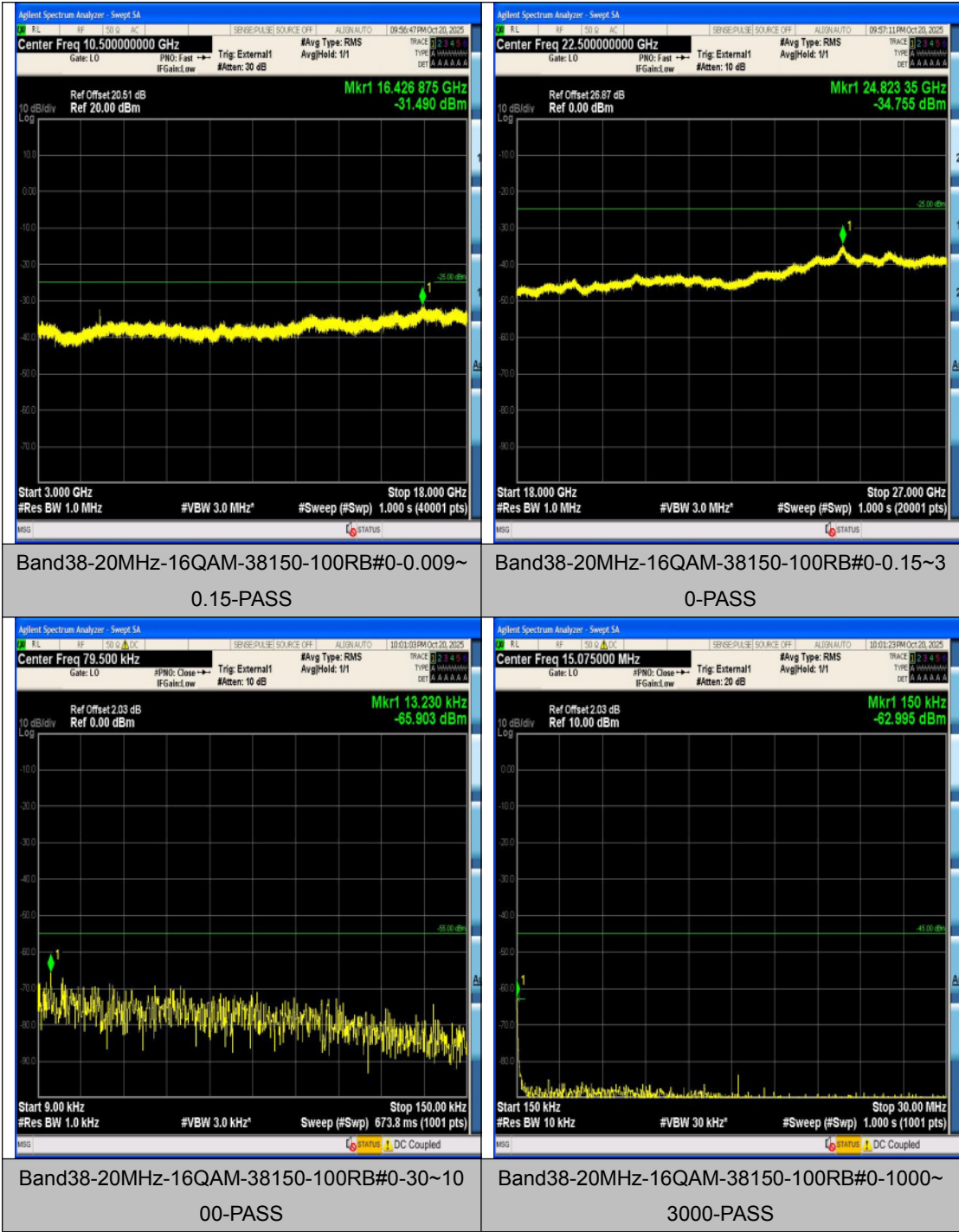
Band38-20MHz-16QAM-38150-1RB#99-1000~3
000-PASS

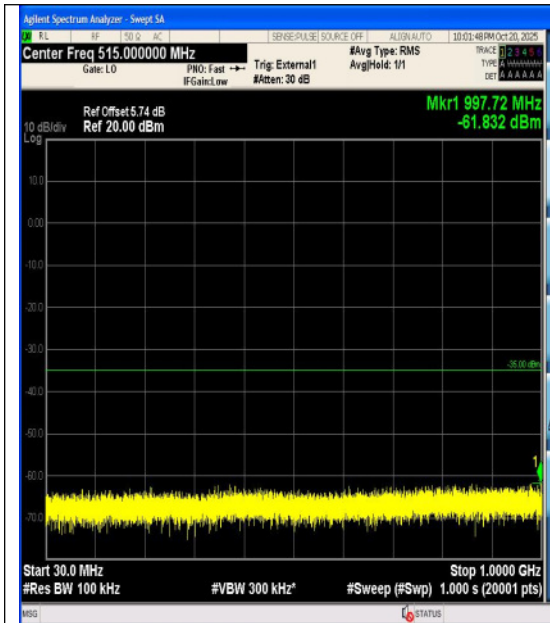


Band38-20MHz-16QAM-38150-1RB#99-3000~1
8000-PASS

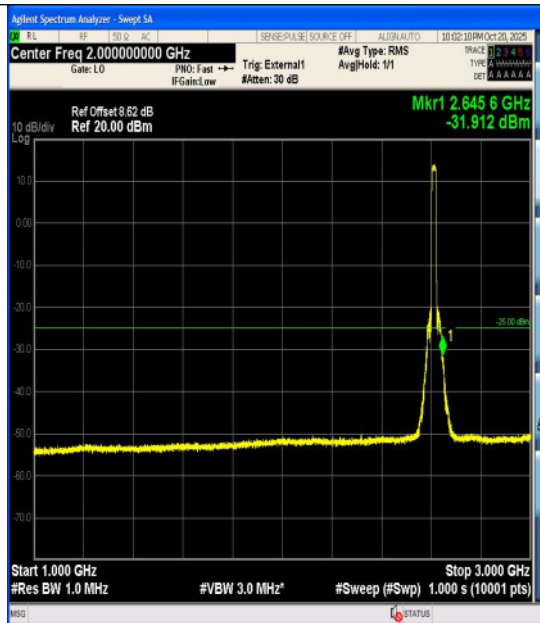


Band38-20MHz-16QAM-38150-1RB#99-18000~
27000-PASS

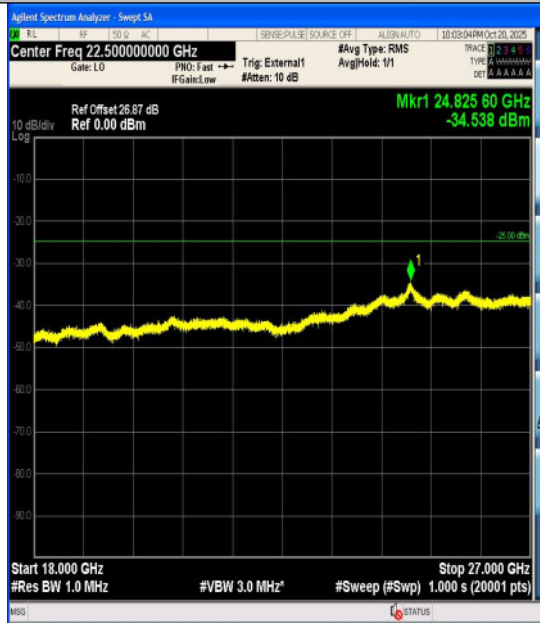
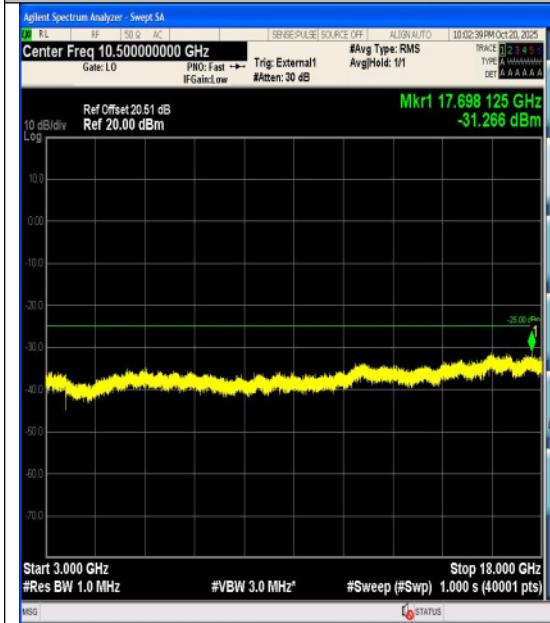




Band38-20MHz-16QAM-38150-100RB#0-3000~
18000-PASS



Band38-20MHz-16QAM-38150-100RB#0-18000
~27000-PASS



Appendix F: Frequency Stability

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	-2080.00	-0.808552	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VL	NT	-2190.00	-0.851312	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VH	NT	-1880.00	-0.730807	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VN	NT	-2080.00	-0.808552	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VL	NT	-2190.00	-0.851312	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VH	NT	-1880.00	-0.730807	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VN	NT	-2270.00	-0.881553	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VL	NT	2150.00	0.834951	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VH	NT	290.00	0.112621	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VN	NT	-2920.00	-1.125241	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VL	NT	-2880.00	-1.109827	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VH	NT	-2880.00	-1.109827	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VN	NT	-3550.00	-1.356256	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VL	NT	-2690.00	-1.027698	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VH	NT	-6780.00	-2.590258	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VN	NT	-7620.00	-2.911175	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VL	NT	-7700.00	-2.941738	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VH	NT	-7760.00	-2.964661	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VN	NT	-2270.00	-0.881553	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VL	NT	2150.00	0.834951	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VH	NT	290.00	0.112621	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VN	NT	550.00	0.213592	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VL	NT	-540.00	-0.209709	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VH	NT	-510.00	-0.198058	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VN	NT	650.00	0.250482	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VL	NT	2140.00	0.824663	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VH	NT	-530.00	-0.204239	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VN	NT	220.00	0.084778	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VL	NT	5210.00	2.007707	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VH	NT	3280.00	1.263969	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VN	NT	2920.00	1.116635	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VL	NT	-3100.00	-1.185468	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VH	NT	-2270.00	-0.881553	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VN	NT	870.00	0.332696	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VL	NT	-1440.00	-0.550669	±2.5	PASS

Band38	10MHz	16QAM	38200	50RB#0	VH	NT	-620.00	-0.237094	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VN	NT	1010.00	0.391853	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VL	NT	2200.00	0.853540	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VH	NT	6150.00	2.386033	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VN	NT	-2270.00	-0.881553	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VL	NT	1700.00	0.659554	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VH	NT	-2270.00	-0.881553	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VN	NT	4530.00	1.745665	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VL	NT	-90.00	-0.034682	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VH	NT	-1900.00	-0.732177	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VN	NT	1800.00	0.693642	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VL	NT	2920.00	1.116635	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VH	NT	-3100.00	-1.185468	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VN	NT	-2270.00	-0.881553	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VL	NT	-3080.00	-1.178947	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VH	NT	2920.00	1.116635	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VN	NT	-3100.00	-1.185468	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VL	NT	-2270.00	-0.881553	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VH	NT	870.00	0.332696	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-760.00	-0.294574	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	2920.00	1.116635	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	1660.00	0.643411	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-5350.00	-2.073643	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-880.00	-0.341085	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	6360.00	2.465116	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	3670.00	1.414258	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	8920.00	3.437380	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-490.00	-0.188825	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-840.00	-0.323699	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	3550.00	1.368015	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	2920.00	1.116635	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-5920.00	-2.268199	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-2080.00	-0.796935	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	2270.00	0.869732	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	2920.00	1.116635	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-3100.00	-1.185468	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-2270.00	-0.881553	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict

Band38	5MHz	QPSK	37775	25RB#0	NV	-30	2920.00	1.116635	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-20	-3100.00	-1.185468	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-10	-2270.00	-0.881553	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	0	870.00	0.332696	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	10	-1440.00	-0.550669	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	20	-620.00	-0.237094	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	30	1010.00	0.391853	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	40	2200.00	0.853540	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	50	6150.00	2.386033	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-30	-2270.00	-0.881553	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-20	-3080.00	-1.197279	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-10	-2240.00	-0.870748	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	0	-2130.00	-0.827988	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	10	-1900.00	-0.738581	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	20	-1880.00	-0.730807	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	30	-1850.00	-0.719145	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	40	-1920.00	-0.746356	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	50	-1970.00	-0.765792	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-30	1010.00	0.391853	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-20	2200.00	0.853540	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-10	6150.00	2.386033	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	0	-2270.00	-0.881553	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	10	-3080.00	-1.197279	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	20	-2240.00	-0.870748	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	30	-2130.00	-0.827988	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	40	-1900.00	-0.738581	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	50	-1880.00	-0.730807	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-30	-2800.00	-1.078998	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-20	-2850.00	-1.098266	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-10	-3160.00	-1.217726	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	0	-3170.00	-1.221580	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	10	-3120.00	-1.202312	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	20	-3070.00	-1.183044	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	30	-3120.00	-1.202312	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	40	-2930.00	-1.129094	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	50	-3000.00	-1.156069	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-30	-3180.00	-1.214900	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-20	-3820.00	-1.459408	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-10	-3710.00	-1.417383	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	0	-3460.00	-1.321872	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	10	-3870.00	-1.478510	±2.5	PASS

Band38	5MHz	QPSK	38225	25RB#0	NV	20	-3760.00	-1.436485	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	30	-3830.00	-1.463228	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	40	-4210.00	-1.608405	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	50	-3330.00	-1.272206	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-30	1010.00	0.391853	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-20	2200.00	0.853540	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-10	6150.00	2.386033	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	0	-2270.00	-0.881553	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	10	-3080.00	-1.197279	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	20	-2240.00	-0.870748	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	30	-2130.00	-0.827988	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	40	-1900.00	-0.738581	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	50	-1880.00	-0.730807	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-30	810.00	0.314563	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-20	4640.00	1.801942	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-10	-2800.00	-1.087379	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	0	-1190.00	-0.462136	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	10	1860.00	0.722330	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	20	-1850.00	-0.718447	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	30	-1070.00	-0.415534	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	40	-1640.00	-0.636893	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	50	2600.00	1.009709	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-30	-300.00	-0.116505	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-20	3390.00	1.316505	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-10	2630.00	1.021359	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	0	480.00	0.186408	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	10	0.00	0.000000	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	20	-2810.00	-1.091262	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	30	1670.00	0.648544	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	40	-690.00	-0.267961	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	50	-3920.00	-1.522330	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-30	1010.00	0.391853	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-20	1010.00	0.391853	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-10	4060.00	1.564547	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	0	2070.00	0.797688	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	10	-1420.00	-0.547206	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	20	2930.00	1.129094	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	30	4850.00	1.868979	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	40	1320.00	0.508671	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	50	1470.00	0.566474	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-30	-5250.00	-2.023121	±2.5	PASS

Band38	10MHz	16QAM	38000	50RB#0	NV	-20	3130.00	1.206166	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-10	1430.00	0.551060	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	0	1690.00	0.651252	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	10	1310.00	0.504817	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	20	2530.00	0.974952	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	30	1930.00	0.743738	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	40	-2520.00	-0.971098	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	50	-4080.00	-1.572254	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-30	-2360.00	-0.902486	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-20	-660.00	-0.252390	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-10	-2750.00	-1.051625	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	0	-50.00	-0.019120	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	10	-3590.00	-1.372849	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	20	950.00	0.363289	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	30	2360.00	0.902486	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	40	1680.00	0.642447	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	50	-3230.00	-1.235182	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-30	-1510.00	-0.577438	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-20	2060.00	0.787763	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-10	-1050.00	-0.401530	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	0	1740.00	0.665392	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	10	-1990.00	-0.760994	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	20	-110.00	-0.042065	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	30	-1660.00	-0.634799	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	40	-1230.00	-0.470363	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	50	-1510.00	-0.577438	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-30	6210.00	2.409311	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-20	5030.00	1.951503	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-10	1010.00	0.391853	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	0	2200.00	0.853540	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	10	60.00	0.023278	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	20	3320.00	1.288070	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	30	1010.00	0.391853	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	40	5560.00	2.157129	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	50	1030.00	0.399612	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-30	-3280.00	-1.272551	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-20	1010.00	0.391853	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-10	-1560.00	-0.605238	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	0	-1210.00	-0.469447	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	10	5690.00	2.207565	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	20	-5840.00	-2.265761	±2.5	PASS

Band38	15MHz	16QAM	37825	75RB#0	NV	30	2190.00	0.849661	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	40	670.00	0.259942	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	50	-1520.00	-0.589719	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-30	1010.00	0.391853	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-20	3710.00	1.429672	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-10	3310.00	1.275530	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	0	960.00	0.369942	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	10	2830.00	1.090559	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	20	1010.00	0.391853	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	30	1030.00	0.396917	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	40	920.00	0.354528	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	50	-13800.00	-5.317919	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-30	5790.00	2.231214	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-20	5440.00	2.096339	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-10	-1380.00	-0.531792	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	0	1010.00	0.391853	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	10	2200.00	0.853540	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	20	6250.00	2.408478	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	30	1010.00	0.391853	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	40	2200.00	0.853540	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	50	6150.00	2.386033	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-30	-510.00	-0.195215	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-20	-290.00	-0.111005	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-10	-3130.00	-1.198086	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	0	250.00	0.095694	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	10	2820.00	1.079426	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	20	-840.00	-0.321531	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	30	-1380.00	-0.531792	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	40	1010.00	0.391853	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	50	-4720.00	-1.806699	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-30	-1380.00	-0.531792	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-20	3220.00	1.232536	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-10	-4650.00	-1.779904	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	0	-1380.00	-0.531792	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	10	-8480.00	-3.245933	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	20	760.00	0.290909	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	30	-1340.00	-0.512919	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	40	-1380.00	-0.531792	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	50	1010.00	0.391853	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	2200.00	0.853540	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	6250.00	2.408478	±2.5	PASS

Band38	20MHz	QPSK	37850	100RB#0	NV	-10	-1380.00	-0.531792	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	1010.00	0.391853	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	2200.00	0.853540	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	6250.00	2.408478	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	1010.00	0.391853	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	2200.00	0.853540	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	6150.00	2.386033	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-510.00	-0.195215	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-1420.00	-0.550388	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-10	-1380.00	-0.531792	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	1220.00	0.472868	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	2260.00	0.875969	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-1380.00	-0.531792	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	1010.00	0.391853	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	2200.00	0.853540	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	6250.00	2.408478	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-3820.00	-1.472062	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-2380.00	-0.917148	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-5390.00	-2.077071	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	5080.00	1.957611	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-2830.00	-1.090559	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-3780.00	-1.456647	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-1530.00	-0.589595	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-1380.00	-0.531792	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	3160.00	1.217726	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-2940.00	-1.132948	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-1380.00	-0.531792	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-10	1010.00	0.391853	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	2200.00	0.853540	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-4880.00	-1.880539	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-4220.00	-1.626204	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	70.00	0.026975	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-2530.00	-0.974952	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-1070.00	-0.412331	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-1380.00	-0.531792	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	1010.00	0.391853	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	-4310.00	-1.651341	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	690.00	0.264368	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-150.00	-0.057471	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-2320.00	-0.888889	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	1050.00	0.402299	±2.5	PASS

Band38	20MHz	QPSK	38150	100RB#0	NV	40	-1380.00	-0.531792	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	1010.00	0.391853	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	2200.00	0.853540	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	6250.00	2.408478	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-10	1010.00	0.391853	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	2200.00	0.853540	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	6150.00	2.386033	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-510.00	-0.195215	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	-290.00	-0.111005	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	-3130.00	-1.198086	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	-1380.00	-0.531792	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

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

Test Graphs

Band38-5MHz-QPSK-37775-25RB#0-PASS	Band38-5MHz-16QAM-37775-25RB#0-PASS
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