

2. Frequency stability

2.1 Test Result

Test Band: 2 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	9.6434	13.9405	2.9340	0.0052	0.0074	0.0015	2.50	PASS
				NV	14.2543	11.4103	1.1654	0.0077	0.0061	0.0006	2.50	PASS
				HV	3.1150	0.4004	4.2839	0.0017	0.0002	0.0022	2.50	PASS
16QAM	6	0	NT	LV	8.1347	12.8830	14.7048	0.0044	0.0069	0.0077	2.50	PASS
				NV	12.4436	7.7310	7.2650	0.0067	0.0041	0.0038	2.50	PASS
				HV	11.0305	13.6229	0.5333	0.0060	0.0072	0.0003	2.50	PASS

Test Band: 2_1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	6.0231	3.1726	5.4238	0.0033	0.0017	0.0028	2.50	PASS
				-20.00	2.5053	14.4803	7.7303	0.0014	0.0077	0.0040	2.50	PASS
				-10.00	14.2320	4.8977	4.7131	0.0077	0.0026	0.0025	2.50	PASS
				0.00	11.8369	4.1019	0.6981	0.0064	0.0022	0.0004	2.50	PASS
				10.00	5.7994	1.3713	10.1093	0.0031	0.0007	0.0053	2.50	PASS
				20.00	6.4346	8.9620	14.6341	0.0035	0.0048	0.0077	2.50	PASS
				30.00	5.0725	1.6959	7.8305	0.0027	0.0009	0.0041	2.50	PASS
				40.00	14.6870	9.2731	10.4624	0.0079	0.0049	0.0055	2.50	PASS
				50.00	10.1287	11.2539	1.3676	0.0055	0.0060	0.0007	2.50	PASS
16QAM	6	0	NV	-30.00	12.3716	2.7093	1.0400	0.0067	0.0014	0.0005	2.50	PASS
				-20.00	0.3157	11.5317	3.6625	0.0002	0.0061	0.0019	2.50	PASS
				-10.00	4.3326	14.0998	7.8554	0.0023	0.0075	0.0041	2.50	PASS
				0.00	12.7280	13.7237	11.1866	0.0069	0.0073	0.0059	2.50	PASS
				10.00	5.6335	14.1211	5.0763	0.0030	0.0075	0.0027	2.50	PASS
				20.00	4.7820	7.9434	4.9808	0.0026	0.0042	0.0026	2.50	PASS
				30.00	7.8820	10.1438	7.2329	0.0043	0.0054	0.0038	2.50	PASS
				40.00	4.3567	13.0043	7.7923	0.0024	0.0069	0.0041	2.50	PASS
				50.00	6.9933	11.8324	2.3014	0.0038	0.0063	0.0012	2.50	PASS

Test Band: 2 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	7.0700	9.6681	8.8144	0.0038	0.0051	0.0046	2.50	PASS
				NV	9.5351	3.8371	7.1120	0.0051	0.0020	0.0037	2.50	PASS
				HV	6.4400	9.4314	12.9851	0.0035	0.0050	0.0068	2.50	PASS
16QAM	15	0	NT	LV	3.3567	7.0639	1.8644	0.0018	0.0038	0.0010	2.50	PASS
				NV	5.6322	8.5594	7.6906	0.0030	0.0046	0.0040	2.50	PASS
				HV	9.2137	3.1922	0.3742	0.0050	0.0017	0.0002	2.50	PASS

Test Band: 2 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	8.3976	10.1605	4.3807	0.0045	0.0054	0.0023	2.50	PASS
				-20.00	12.2089	2.5487	11.8980	0.0066	0.0014	0.0062	2.50	PASS
				-10.00	12.5707	2.2522	1.1808	0.0068	0.0012	0.0006	2.50	PASS
				0.00	11.4048	7.9996	7.5673	0.0062	0.0043	0.0040	2.50	PASS
				10.00	1.7224	10.7361	10.8880	0.0009	0.0057	0.0057	2.50	PASS

				20.00	3.2710	5.7742	6.1266	0.0018	0.0031	0.0032	2.50	PASS
				30.00	14.8844	3.0715	8.7245	0.0080	0.0016	0.0046	2.50	PASS
				40.00	0.2065	6.5488	8.7245	0.0001	0.0035	0.0046	2.50	PASS
				50.00	1.1890	5.1717	12.5270	0.0006	0.0028	0.0066	2.50	PASS
16QAM	15	0	NV	-30.00	13.4680	10.7387	4.8661	0.0073	0.0057	0.0025	2.50	PASS
				-20.00	4.5325	5.7330	9.7347	0.0024	0.0030	0.0051	2.50	PASS
				-10.00	9.0275	11.1054	9.4771	0.0049	0.0059	0.0050	2.50	PASS
				0.00	13.1682	0.5839	7.6096	0.0071	0.0003	0.0040	2.50	PASS
				10.00	0.4681	0.4475	7.4139	0.0003	0.0002	0.0039	2.50	PASS
				20.00	14.2461	2.6400	8.1872	0.0077	0.0014	0.0043	2.50	PASS
				30.00	0.4054	10.9327	11.1964	0.0002	0.0058	0.0059	2.50	PASS
				40.00	1.7764	11.3794	6.7497	0.0010	0.0061	0.0035	2.50	PASS
				50.00	14.7281	10.9876	5.4932	0.0080	0.0058	0.0029	2.50	PASS

Test Band: 2 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	8.4565	12.5968	2.2870	0.0005	0.0067	0.0012	2.50	PASS
				NV	14.2996	5.1864	7.6937	0.0008	0.0028	0.0040	2.50	PASS
				HV	10.3597	4.2028	1.5985	0.0006	0.0022	0.0008	2.50	PASS
16QAM	25	0	NT	LV	6.0868	10.4557	6.1617	0.0003	0.0056	0.0032	2.50	PASS
				NV	12.1979	5.5898	8.2195	0.0007	0.0030	0.0043	2.50	PASS
				HV	3.1658	12.9962	4.5092	0.0002	0.0069	0.0024	2.50	PASS

Test Band: 2 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	9.6803	14.9471	4.6339	0.0005	0.0080	0.0024	2.50	PASS
				-20.00	3.0508	4.5385	2.7728	0.0002	0.0024	0.0015	2.50	PASS
				-10.00	8.0797	10.9590	0.4505	0.0004	0.0058	0.0002	2.50	PASS
				0.00	0.2998	9.7088	1.5330	0.0000	0.0052	0.0008	2.50	PASS
				10.00	8.5208	4.9241	9.8129	0.0005	0.0026	0.0051	2.50	PASS
				20.00	12.5029	11.7441	13.1268	0.0007	0.0062	0.0069	2.50	PASS
				30.00	5.9436	6.5114	5.1524	0.0003	0.0035	0.0027	2.50	PASS
				40.00	4.7429	1.6373	2.3490	0.0003	0.0009	0.0012	2.50	PASS
				50.00	9.0077	12.2141	14.9947	0.0005	0.0065	0.0079	2.50	PASS
16QAM	25	0	NV	-30.00	11.7418	1.6472	8.3741	0.0006	0.0009	0.0044	2.50	PASS
				-20.00	7.3210	11.1034	12.6310	0.0004	0.0059	0.0066	2.50	PASS
				-10.00	4.8427	9.1348	14.5734	0.0003	0.0049	0.0076	2.50	PASS
				0.00	2.4392	14.8955	8.0419	0.0001	0.0079	0.0042	2.50	PASS
				10.00	10.0153	2.5304	13.6748	0.0005	0.0013	0.0072	2.50	PASS
				20.00	4.7029	1.4395	2.7666	0.0003	0.0008	0.0015	2.50	PASS
				30.00	3.7161	11.9416	12.1918	0.0002	0.0064	0.0064	2.50	PASS
				40.00	0.5393	6.2435	7.3883	0.0000	0.0033	0.0039	2.50	PASS
				50.00	12.2857	6.5042	3.4472	0.0007	0.0035	0.0018	2.50	PASS

Test Band: 2 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-4.0000	-5.0000	-8.0000	-0.0022	-0.0031	-0.0047	2.50	PASS
				NV	0.0000	-5.0000	-10.0000	-0.0003	-0.0032	-0.0056	2.50	PASS
				HV	-7.0000	-4.0000	-10.0000	-0.0041	-0.0025	-0.0056	2.50	PASS
16QAM	50	0	NT	LV	-7.0000	-7.0000	-9.0000	-0.0038	-0.0040	-0.0049	2.50	PASS
				NV	-1.0000	-7.0000	-5.0000	-0.0006	-0.0037	-0.0031	2.50	PASS
				HV	-5.0000	-5.0000	-7.0000	-0.0027	-0.0027	-0.0041	2.50	PASS

Test Band: 2_ 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	11.9357	6.3423	4.1941	0.0064	0.0034	0.0022	2.50	PASS
				-20.00	2.0075	1.4533	3.1621	0.0011	0.0008	0.0017	2.50	PASS
				-10.00	9.8213	8.0721	7.5300	0.0053	0.0043	0.0040	2.50	PASS
				0.00	9.0799	8.2271	2.4518	0.0049	0.0044	0.0013	2.50	PASS
				10.00	12.6476	3.1452	10.1836	0.0068	0.0017	0.0053	2.50	PASS
				20.00	1.2267	7.9483	4.1531	0.0007	0.0042	0.0022	2.50	PASS
				30.00	11.9357	6.3423	4.1941	0.0064	0.0034	0.0022	2.50	PASS
				40.00	2.0075	1.4533	3.1621	0.0011	0.0008	0.0017	2.50	PASS
				50.00	9.8213	8.0721	7.5300	0.0053	0.0043	0.0040	2.50	PASS
16QAM	50	0	NV	-30.00	9.0799	8.2271	2.4518	0.0049	0.0044	0.0013	2.50	PASS
				-20.00	12.6476	3.1452	10.1836	0.0068	0.0017	0.0053	2.50	PASS
				-10.00	1.2267	7.9483	4.1531	0.0007	0.0042	0.0022	2.50	PASS
				0.00	11.9357	6.3423	4.1941	0.0064	0.0034	0.0022	2.50	PASS
				10.00	2.0075	1.4533	3.1621	0.0011	0.0008	0.0017	2.50	PASS
				20.00	9.8213	8.0721	7.5300	0.0053	0.0043	0.0040	2.50	PASS
				30.00	9.0799	8.2271	2.4518	0.0049	0.0044	0.0013	2.50	PASS
				40.00	12.6476	3.1452	10.1836	0.0068	0.0017	0.0053	2.50	PASS
				50.00	1.2267	7.9483	4.1531	0.0007	0.0042	0.0022	2.50	PASS

Test Band: 2_ 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	4.6739	5.8992	2.8666	0.0025	0.0031	0.0015	2.50	PASS
				NV	5.4437	3.2858	6.4581	0.0029	0.0017	0.0034	2.50	PASS
				HV	0.9569	9.0107	3.4782	0.0005	0.0048	0.0018	2.50	PASS
16QAM	75	0	NT	LV	12.6076	2.6423	1.4886	0.0068	0.0014	0.0008	2.50	PASS
				NV	14.7679	11.2965	13.3478	0.0080	0.0060	0.0070	2.50	PASS
				HV	13.0317	5.8322	12.3107	0.0070	0.0031	0.0065	2.50	PASS

Test Band: 2_ 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-30.00	9.4374	8.8408	9.2861	0.0051	0.0047	0.0049	2.50	PASS
				-20.00	14.7773	12.6694	9.1982	0.0080	0.0067	0.0048	2.50	PASS
				-10.00	4.8962	14.8343	4.4004	0.0026	0.0079	0.0023	2.50	PASS
				0.00	9.9439	2.6945	9.4974	0.0054	0.0014	0.0050	2.50	PASS
				10.00	1.9893	3.3189	9.8290	0.0011	0.0018	0.0052	2.50	PASS
				20.00	3.3980	12.9263	12.8002	0.0018	0.0069	0.0067	2.50	PASS
				30.00	9.8513	11.9348	1.9846	0.0053	0.0063	0.0010	2.50	PASS
				40.00	1.2066	5.7553	5.1319	0.0006	0.0031	0.0027	2.50	PASS
				50.00	12.8845	9.2967	13.0399	0.0069	0.0049	0.0069	2.50	PASS
16QAM	75	0	NV	-30.00	2.5743	4.0908	13.7899	0.0014	0.0022	0.0072	2.50	PASS
				-20.00	7.4954	2.9712	10.7725	0.0040	0.0016	0.0057	2.50	PASS
				-10.00	6.5934	5.1194	7.8314	0.0035	0.0027	0.0041	2.50	PASS
				0.00	11.4671	8.4421	1.2796	0.0062	0.0045	0.0007	2.50	PASS
				10.00	12.2397	11.3619	0.1121	0.0066	0.0060	0.0001	2.50	PASS
				20.00	13.2097	5.1589	3.2919	0.0071	0.0027	0.0017	2.50	PASS
				30.00	4.5969	11.3994	2.7229	0.0025	0.0061	0.0014	2.50	PASS
				40.00	4.3424	12.5484	9.1739	0.0023	0.0067	0.0048	2.50	PASS
				50.00	5.4853	6.1249	10.4992	0.0030	0.0033	0.0055	2.50	PASS

Test Band: 2 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	1.7917	0.6120	8.2905	0.0010	0.0003	0.0044	2.50	PASS
				NV	4.9772	0.8034	0.4948	0.0027	0.0004	0.0003	2.50	PASS
				HV	9.1815	10.1107	6.7346	0.0049	0.0054	0.0035	2.50	PASS
16QAM	100	0	NT	LV	5.8614	10.2638	6.3638	0.0032	0.0055	0.0033	2.50	PASS
				NV	10.8377	11.0272	1.8616	0.0058	0.0059	0.0010	2.50	PASS
				HV	7.2829	6.2529	7.3552	0.0039	0.0033	0.0039	2.50	PASS

Test Band: 2 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-30.00	4.9619	3.0821	12.1142	0.0027	0.0016	0.0064	2.50	PASS
				-20.00	1.6031	10.5092	12.9384	0.0009	0.0056	0.0068	2.50	PASS
				-10.00	8.1483	7.2911	8.1611	0.0044	0.0039	0.0043	2.50	PASS
				0.00	7.8530	10.0998	12.7168	0.0042	0.0054	0.0067	2.50	PASS
				10.00	10.6799	12.8479	4.1889	0.0057	0.0068	0.0022	2.50	PASS
				20.00	10.1061	7.8202	4.1901	0.0054	0.0042	0.0022	2.50	PASS
				30.00	12.1389	6.1250	7.9567	0.0065	0.0033	0.0042	2.50	PASS
				40.00	10.1392	7.8106	1.3488	0.0055	0.0042	0.0007	2.50	PASS
				50.00	14.3980	14.2390	1.7639	0.0077	0.0076	0.0009	2.50	PASS
16QAM	100	0	NV	-30.00	9.9424	10.5895	3.0718	0.0053	0.0056	0.0016	2.50	PASS
				-20.00	4.7555	5.7283	10.8519	0.0026	0.0030	0.0057	2.50	PASS
				-10.00	6.2016	6.1922	11.2958	0.0033	0.0033	0.0059	2.50	PASS
				0.00	7.5720	10.5082	9.5290	0.0041	0.0056	0.0050	2.50	PASS
				10.00	12.8017	10.6742	13.8113	0.0069	0.0057	0.0073	2.50	PASS
				20.00	11.5327	11.7637	12.9520	0.0062	0.0063	0.0068	2.50	PASS
				30.00	14.3704	12.9501	1.4392	0.0077	0.0069	0.0008	2.50	PASS
				40.00	7.2543	2.3295	1.1683	0.0039	0.0012	0.0006	2.50	PASS
				50.00	10.6618	9.3366	11.5170	0.0057	0.0050	0.0061	2.50	PASS

Test Band: 4 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	1.1791	10.1970	11.6024	0.0007	0.0059	0.0066	2.50	PASS
				NV	13.1365	13.3572	4.2900	0.0077	0.0077	0.0024	2.50	PASS
				HV	13.9727	2.2976	11.8614	0.0082	0.0013	0.0068	2.50	PASS
16QAM	6	0	NT	LV	4.7214	8.3320	11.2075	0.0028	0.0048	0.0064	2.50	PASS
				NV	14.7504	2.9708	4.6979	0.0086	0.0017	0.0027	2.50	PASS
				HV	8.4374	13.0596	5.3377	0.0049	0.0075	0.0030	2.50	PASS

Test Band: 4 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	12.4931	14.5831	10.1255	0.0073	0.0084	0.0058	2.50	PASS
				-20.00	10.5907	10.4087	5.2830	0.0062	0.0060	0.0030	2.50	PASS
				-10.00	5.2800	10.3246	3.5823	0.0031	0.0060	0.0020	2.50	PASS
				0.00	1.1938	7.3837	5.4260	0.0007	0.0043	0.0031	2.50	PASS
				10.00	12.9204	3.0496	3.9397	0.0076	0.0018	0.0022	2.50	PASS
				20.00	11.0786	10.0620	0.8834	0.0065	0.0058	0.0005	2.50	PASS
				30.00	5.1064	2.2204	2.2734	0.0030	0.0013	0.0013	2.50	PASS
				40.00	0.5361	2.2682	5.6979	0.0003	0.0013	0.0032	2.50	PASS
				50.00	4.3000	2.7296	10.7213	0.0025	0.0016	0.0061	2.50	PASS
16QAM	6	0	NV	-30.00	14.5255	10.6326	14.6365	0.0085	0.0061	0.0083	2.50	PASS

				-20.00	10.1337	2.6480	7.4012	0.0059	0.0015	0.0042	2.50	PASS
				-10.00	7.6209	12.5917	12.1530	0.0045	0.0073	0.0069	2.50	PASS
				0.00	10.0396	13.3681	9.9278	0.0059	0.0077	0.0057	2.50	PASS
				10.00	2.6998	14.8482	12.7721	0.0016	0.0086	0.0073	2.50	PASS
				20.00	9.5510	1.4592	10.4021	0.0056	0.0008	0.0059	2.50	PASS
				30.00	1.3372	14.8148	0.0399	0.0008	0.0086	0.0000	2.50	PASS
				40.00	12.4357	2.8637	12.8154	0.0073	0.0017	0.0073	2.50	PASS
				50.00	10.3037	6.4327	2.8441	0.0060	0.0037	0.0016	2.50	PASS

Test Band: 4 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	6.6565	8.5423	12.8816	0.0039	0.0049	0.0073	2.50	PASS
				NV	1.0746	9.1673	6.3657	0.0006	0.0053	0.0036	2.50	PASS
				HV	11.5537	7.0040	11.4865	0.0068	0.0040	0.0066	2.50	PASS
16QAM	15	0	NT	LV	1.8624	9.9535	0.7143	0.0011	0.0057	0.0004	2.50	PASS
				NV	14.9767	8.9258	8.6023	0.0088	0.0052	0.0049	2.50	PASS
				HV	4.0247	8.7161	9.9567	0.0024	0.0050	0.0057	2.50	PASS

Test Band: 4 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	11.6264	12.4575	3.7264	0.0068	0.0072	0.0021	2.50	PASS
				-20.00	13.3507	0.9208	1.5020	0.0078	0.0005	0.0009	2.50	PASS
				-10.00	12.4468	0.0864	3.2188	0.0073	0.0000	0.0018	2.50	PASS
				0.00	8.5168	12.1731	7.1039	0.0050	0.0070	0.0041	2.50	PASS
				10.00	4.4765	4.6506	12.0577	0.0026	0.0027	0.0069	2.50	PASS
				20.00	13.5860	8.3911	8.2113	0.0079	0.0048	0.0047	2.50	PASS
				30.00	12.2617	2.7283	4.8031	0.0072	0.0016	0.0027	2.50	PASS
				40.00	13.4805	7.9621	4.1395	0.0079	0.0046	0.0024	2.50	PASS
				50.00	11.0808	11.9230	7.8191	0.0065	0.0069	0.0045	2.50	PASS
16QAM	15	0	NV	-30.00	9.6916	14.0044	6.8884	0.0057	0.0081	0.0039	2.50	PASS
				-20.00	9.6861	8.7253	8.2735	0.0057	0.0050	0.0047	2.50	PASS
				-10.00	4.4887	13.4267	3.8063	0.0026	0.0077	0.0022	2.50	PASS
				0.00	1.2171	10.0467	8.5922	0.0007	0.0058	0.0049	2.50	PASS
				10.00	11.5834	1.6920	0.9502	0.0068	0.0010	0.0005	2.50	PASS
				20.00	14.4563	13.7317	5.9314	0.0084	0.0079	0.0034	2.50	PASS
				30.00	10.5927	12.9864	1.9742	0.0062	0.0075	0.0011	2.50	PASS
				40.00	3.1287	9.6202	3.3413	0.0018	0.0056	0.0019	2.50	PASS
				50.00	2.6808	5.5874	2.4484	0.0016	0.0032	0.0014	2.50	PASS

Test Band: 4 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	13.6588	8.3523	9.8093	0.0080	0.0048	0.0056	2.50	PASS
				NV	11.3604	4.8677	2.1413	0.0066	0.0028	0.0012	2.50	PASS
				HV	8.2793	10.0012	6.1791	0.0048	0.0058	0.0035	2.50	PASS
16QAM	25	0	NT	LV	7.9320	14.2933	1.3998	0.0046	0.0083	0.0008	2.50	PASS
				NV	13.9871	7.3742	0.7725	0.0082	0.0043	0.0004	2.50	PASS
				HV	9.1476	6.1070	1.8617	0.0053	0.0035	0.0011	2.50	PASS

Test Band: 4 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	8.4983	11.8115	14.4488	0.0050	0.0068	0.0082	2.50	PASS
				-20.00	1.6323	5.2895	12.6709	0.0010	0.0031	0.0072	2.50	PASS
				-10.00	12.0607	2.9507	7.3672	0.0070	0.0017	0.0042	2.50	PASS
				0.00	11.3622	14.8405	0.6954	0.0066	0.0086	0.0004	2.50	PASS
				10.00	3.7487	1.0940	4.9166	0.0022	0.0006	0.0028	2.50	PASS
				20.00	1.5790	1.9072	8.9344	0.0009	0.0011	0.0051	2.50	PASS
				30.00	7.6931	6.5227	11.8565	0.0045	0.0038	0.0068	2.50	PASS
				40.00	5.7827	4.8887	8.2895	0.0034	0.0028	0.0047	2.50	PASS
16QAM	25	0	NV	50.00	7.7162	3.1339	3.4722	0.0045	0.0018	0.0020	2.50	PASS
				-30.00	12.7566	5.9257	12.5879	0.0074	0.0034	0.0072	2.50	PASS
				-20.00	9.7638	4.8680	8.1007	0.0057	0.0028	0.0046	2.50	PASS
				-10.00	9.8717	2.7606	10.1370	0.0058	0.0016	0.0058	2.50	PASS
				0.00	14.9572	3.6585	4.4119	0.0087	0.0021	0.0025	2.50	PASS
				10.00	2.2996	6.2081	8.4531	0.0013	0.0036	0.0048	2.50	PASS
				20.00	2.2596	2.5894	13.5192	0.0013	0.0015	0.0077	2.50	PASS
				30.00	13.1972	12.2814	0.5762	0.0077	0.0071	0.0003	2.50	PASS
				40.00	5.6978	4.3925	0.6500	0.0033	0.0025	0.0004	2.50	PASS
				50.00	12.6570	9.3294	4.3678	0.0074	0.0054	0.0025	2.50	PASS

Test Band: 4 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	4.3073	9.7420	13.3737	0.0025	0.0056	0.0076	2.50	PASS
				NV	2.1971	8.1471	4.3755	0.0013	0.0047	0.0025	2.50	PASS
				HV	12.4089	8.5631	2.5409	0.0072	0.0049	0.0015	2.50	PASS
16QAM	50	0	NT	LV	11.7711	12.9411	10.7755	0.0069	0.0075	0.0062	2.50	PASS
				NV	3.5832	3.4801	13.7238	0.0021	0.0020	0.0078	2.50	PASS
				HV	8.6310	5.1636	6.6709	0.0050	0.0030	0.0038	2.50	PASS

Test Band: 4 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	6.2506	11.1822	3.3942	0.0036	0.0065	0.0019	2.50	PASS
				-20.00	12.1525	10.5039	6.9091	0.0071	0.0061	0.0039	2.50	PASS
				-10.00	2.9471	7.3169	12.4129	0.0017	0.0042	0.0071	2.50	PASS
				0.00	3.2633	4.8198	10.2058	0.0019	0.0028	0.0058	2.50	PASS
				10.00	5.8656	12.5661	5.8080	0.0034	0.0073	0.0033	2.50	PASS
				20.00	0.2800	12.2249	0.2826	0.0002	0.0071	0.0002	2.50	PASS
				30.00	2.3289	12.1215	13.2156	0.0014	0.0070	0.0076	2.50	PASS
				40.00	7.5660	10.9299	2.4437	0.0044	0.0063	0.0014	2.50	PASS
16QAM	50	0	NV	50.00	8.5877	14.5982	7.1065	0.0050	0.0084	0.0041	2.50	PASS
				-30.00	12.9750	13.5203	10.5373	0.0076	0.0078	0.0060	2.50	PASS
				-20.00	3.1068	11.5092	6.8419	0.0018	0.0066	0.0039	2.50	PASS
				-10.00	7.8430	14.9446	5.1886	0.0046	0.0086	0.0030	2.50	PASS
				0.00	5.4986	5.7608	2.7742	0.0032	0.0033	0.0016	2.50	PASS
				10.00	2.4712	9.3762	6.0298	0.0014	0.0054	0.0034	2.50	PASS
				20.00	1.4292	10.5750	10.1477	0.0008	0.0061	0.0058	2.50	PASS
				30.00	5.4499	14.0466	7.3219	0.0032	0.0081	0.0042	2.50	PASS
				40.00	5.2512	13.7482	3.8556	0.0031	0.0079	0.0022	2.50	PASS
				50.00	11.2258	9.2726	13.1535	0.0065	0.0054	0.0075	2.50	PASS

Test Band: 4 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	5.6257	3.7172	10.3108	0.0033	0.0021	0.0059	2.50	PASS
				NV	4.0294	1.4203	14.0123	0.0023	0.0008	0.0080	2.50	PASS
				HV	11.1529	7.8370	9.8647	0.0065	0.0045	0.0056	2.50	PASS
16QAM	75	0	NT	LV	9.4693	4.9667	3.0112	0.0055	0.0029	0.0017	2.50	PASS
				NV	10.5597	2.4021	14.3852	0.0061	0.0014	0.0082	2.50	PASS
				HV	13.9023	8.1264	12.2893	0.0081	0.0047	0.0070	2.50	PASS

Test Band: 4 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-30.00	5.6257	3.7172	10.3108	0.0033	0.0021	0.0059	2.50	PASS
				-20.00	4.0294	1.4203	14.0123	0.0023	0.0008	0.0080	2.50	PASS
				-10.00	11.1529	7.8370	9.8647	0.0065	0.0045	0.0056	2.50	PASS
				0.00	9.4693	4.9667	3.0112	0.0055	0.0029	0.0017	2.50	PASS
				10.00	10.5597	2.4021	14.3852	0.0061	0.0014	0.0082	2.50	PASS
				20.00	13.9023	8.1264	12.2893	0.0081	0.0047	0.0070	2.50	PASS
				30.00	5.6257	3.7172	10.3108	0.0033	0.0021	0.0059	2.50	PASS
				40.00	4.0294	1.4203	14.0123	0.0023	0.0008	0.0080	2.50	PASS
				50.00	11.1529	7.8370	9.8647	0.0065	0.0045	0.0056	2.50	PASS
16QAM	75	0	NV	-30.00	9.4693	4.9667	3.0112	0.0055	0.0029	0.0017	2.50	PASS
				-20.00	10.5597	2.4021	14.3852	0.0061	0.0014	0.0082	2.50	PASS
				-10.00	13.9023	8.1264	12.2893	0.0081	0.0047	0.0070	2.50	PASS
				0.00	5.6257	3.7172	10.3108	0.0033	0.0021	0.0059	2.50	PASS
				10.00	4.0294	1.4203	14.0123	0.0023	0.0008	0.0080	2.50	PASS
				20.00	11.1529	7.8370	9.8647	0.0065	0.0045	0.0056	2.50	PASS
				30.00	9.4693	4.9667	3.0112	0.0055	0.0029	0.0017	2.50	PASS
				40.00	10.5597	2.4021	14.3852	0.0061	0.0014	0.0082	2.50	PASS
				50.00	13.9023	8.1264	12.2893	0.0081	0.0047	0.0070	2.50	PASS

Test Band: 4 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	1.9246	4.4107	3.0337	0.0011	0.0025	0.0017	2.50	PASS
				NV	1.1783	10.6302	7.2263	0.0007	0.0061	0.0041	2.50	PASS
				HV	9.1954	14.8078	8.4413	0.0053	0.0085	0.0048	2.50	PASS
16QAM	100	0	NT	LV	0.8285	10.7136	11.5915	0.0005	0.0062	0.0066	2.50	PASS
				NV	6.1422	3.7070	13.2298	0.0036	0.0021	0.0076	2.50	PASS
				HV	11.1083	12.5988	6.1164	0.0065	0.0073	0.0035	2.50	PASS

Test Band: 4 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-30.00	13.3337	4.0046	13.8728	0.0078	0.0023	0.0080	2.50	PASS
				-20.00	12.4950	3.1460	6.5383	0.0073	0.0018	0.0037	2.50	PASS
				-10.00	0.2323	8.9920	13.9964	0.0001	0.0052	0.0080	2.50	PASS
				0.00	6.6125	5.6821	11.2102	0.0038	0.0033	0.0064	2.50	PASS
				10.00	10.4441	0.7241	9.6401	0.0061	0.0004	0.0055	2.50	PASS
				20.00	1.6347	14.5914	7.7996	0.0010	0.0084	0.0045	2.50	PASS
				30.00	13.1255	3.0998	7.4877	0.0076	0.0018	0.0043	2.50	PASS
				40.00	3.8250	7.5276	12.7020	0.0022	0.0043	0.0073	2.50	PASS

				50.00	3.1477	3.2037	0.7774	0.0018	0.0018	0.0004	2.50	PASS
16QAM	100	0	NV	-30.00	4.0979	14.9340	2.1885	0.0024	0.0086	0.0013	2.50	PASS
				-20.00	1.8838	3.6581	10.8560	0.0011	0.0021	0.0062	2.50	PASS
				-10.00	14.5998	3.1350	13.2768	0.0085	0.0018	0.0076	2.50	PASS
				0.00	1.5052	10.7077	10.3532	0.0009	0.0062	0.0059	2.50	PASS
				10.00	4.3356	8.3987	11.5400	0.0025	0.0048	0.0066	2.50	PASS
				20.00	4.4299	2.2421	8.8645	0.0026	0.0013	0.0051	2.50	PASS
				30.00	12.6528	7.6820	4.6571	0.0074	0.0044	0.0027	2.50	PASS
				40.00	5.4568	13.8940	3.4918	0.0032	0.0080	0.0020	2.50	PASS
				50.00	3.7773	4.8406	4.3227	0.0022	0.0028	0.0025	2.50	PASS

Test Band: 5 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	5.3339	3.3747	11.3263	0.0065	0.0040	0.0134	2.50	PASS
				NV	3.4498	0.0450	8.1022	0.0042	0.0001	0.0096	2.50	PASS
				HV	9.2462	12.0333	11.2474	0.0112	0.0144	0.0133	2.50	PASS
16QAM	6	0	NT	LV	7.3184	1.7864	11.2402	0.0089	0.0021	0.0133	2.50	PASS
				NV	3.3017	6.4546	14.6303	0.0040	0.0077	0.0172	2.50	PASS
				HV	0.6636	8.0178	10.7214	0.0008	0.0096	0.0126	2.50	PASS

Test Band: 5 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	13.6133	0.7911	8.1771	0.0165	0.0009	0.0096	2.50	PASS
				-20.00	9.8662	1.0939	3.3006	0.0120	0.0013	0.0039	2.50	PASS
				-10.00	9.2189	14.4601	14.2266	0.0112	0.0173	0.0168	2.50	PASS
				0.00	8.4841	9.1207	0.6569	0.0103	0.0109	0.0008	2.50	PASS
				10.00	2.1951	11.5838	11.3223	0.0027	0.0138	0.0133	2.50	PASS
				20.00	11.5626	12.1514	8.8626	0.0140	0.0145	0.0104	2.50	PASS
				30.00	3.8147	5.7530	5.1413	0.0046	0.0069	0.0061	2.50	PASS
				40.00	0.2476	11.6135	6.4840	0.0003	0.0139	0.0076	2.50	PASS
				50.00	1.4350	4.4160	1.5562	0.0017	0.0053	0.0018	2.50	PASS
16QAM	6	0	NV	-30.00	8.4724	14.8482	0.1774	0.0103	0.0178	0.0002	2.50	PASS
				-20.00	8.0318	8.8599	6.3124	0.0097	0.0106	0.0074	2.50	PASS
				-10.00	3.6443	2.8010	13.3302	0.0044	0.0033	0.0157	2.50	PASS
				0.00	9.8863	14.6639	9.8739	0.0120	0.0175	0.0116	2.50	PASS
				10.00	3.1222	7.9725	4.3146	0.0038	0.0095	0.0051	2.50	PASS
				20.00	6.1218	6.1044	8.0925	0.0074	0.0073	0.0095	2.50	PASS
				30.00	2.4626	2.8877	3.8412	0.0030	0.0035	0.0045	2.50	PASS
				40.00	6.7864	9.1740	5.7652	0.0082	0.0110	0.0068	2.50	PASS
				50.00	3.7574	8.8198	8.6143	0.0046	0.0105	0.0102	2.50	PASS

Test Band: 5 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	9.3694	2.5212	3.6290	0.0113	0.0030	0.0043	2.50	PASS
				NV	1.4857	9.1454	1.5946	0.0018	0.0109	0.0019	2.50	PASS
				HV	2.9148	8.0778	2.9206	0.0035	0.0097	0.0034	2.50	PASS
16QAM	15	0	NT	LV	5.3870	11.8444	12.4021	0.0065	0.0142	0.0146	2.50	PASS
				NV	12.2682	3.8619	4.0682	0.0149	0.0046	0.0048	2.50	PASS
				HV	11.4100	1.5883	9.4882	0.0138	0.0019	0.0112	2.50	PASS

Test Band: 5 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	8.5814	11.6597	12.7970	0.0104	0.0139	0.0151	2.50	PASS
				-20.00	7.2359	0.1224	12.5365	0.0088	0.0001	0.0148	2.50	PASS
				-10.00	0.7842	14.0449	13.6770	0.0009	0.0168	0.0161	2.50	PASS
				0.00	4.0788	4.9506	9.1060	0.0049	0.0059	0.0107	2.50	PASS
				10.00	7.2418	10.3782	6.1488	0.0088	0.0124	0.0073	2.50	PASS
				20.00	12.3809	1.4147	4.8120	0.0150	0.0017	0.0057	2.50	PASS
				30.00	11.4089	0.0794	11.1848	0.0138	0.0001	0.0132	2.50	PASS
				40.00	12.4946	6.5063	0.6202	0.0151	0.0078	0.0007	2.50	PASS
				50.00	1.3088	9.9335	11.3357	0.0016	0.0119	0.0134	2.50	PASS
16QAM	15	0	NV	-30.00	6.2540	11.1236	7.9032	0.0076	0.0133	0.0093	2.50	PASS
				-20.00	9.7529	7.8045	5.6904	0.0118	0.0093	0.0067	2.50	PASS
				-10.00	6.2425	13.0292	14.3419	0.0076	0.0156	0.0169	2.50	PASS
				0.00	7.0863	8.2092	3.8866	0.0086	0.0098	0.0046	2.50	PASS
				10.00	13.8854	10.5668	5.0048	0.0168	0.0126	0.0059	2.50	PASS
				20.00	9.5013	9.2335	14.9183	0.0115	0.0110	0.0176	2.50	PASS
				30.00	13.3120	10.5442	3.3065	0.0161	0.0126	0.0039	2.50	PASS
				40.00	2.2098	0.8379	10.1028	0.0027	0.0010	0.0119	2.50	PASS
				50.00	13.0430	4.5818	11.7466	0.0158	0.0055	0.0139	2.50	PASS

Test Band: 5 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	6.5655	7.2003	9.5532	0.0079	0.0086	0.0113	2.50	PASS
				NV	11.8362	10.3221	1.2051	0.0143	0.0123	0.0014	2.50	PASS
				HV	8.1166	9.9871	12.9571	0.0098	0.0119	0.0153	2.50	PASS
16QAM	25	0	NT	LV	9.0118	10.5104	13.8968	0.0109	0.0126	0.0164	2.50	PASS
				NV	9.7611	6.7437	3.1228	0.0118	0.0081	0.0037	2.50	PASS
				HV	9.8283	4.8764	10.1098	0.0119	0.0058	0.0119	2.50	PASS

Test Band: 5 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	14.6563	11.8748	7.6544	0.0177	0.0142	0.0090	2.50	PASS
				-20.00	11.2380	0.0034	2.2826	0.0136	0.0000	0.0027	2.50	PASS
				-10.00	5.3410	13.4542	6.1786	0.0065	0.0161	0.0073	2.50	PASS
				0.00	4.7052	9.8849	10.1255	0.0057	0.0118	0.0120	2.50	PASS
				10.00	12.9559	12.7223	8.4536	0.0157	0.0152	0.0100	2.50	PASS
				20.00	3.9054	14.7735	5.1016	0.0047	0.0177	0.0060	2.50	PASS
				30.00	6.4131	0.9569	3.6214	0.0078	0.0011	0.0043	2.50	PASS
				40.00	5.4353	3.5583	11.6175	0.0066	0.0043	0.0137	2.50	PASS
				50.00	5.0925	9.2768	12.2470	0.0062	0.0111	0.0145	2.50	PASS
16QAM	25	0	NV	-30.00	12.7486	13.9866	7.4813	0.0154	0.0167	0.0088	2.50	PASS
				-20.00	7.2829	7.9596	0.7830	0.0088	0.0095	0.0009	2.50	PASS
				-10.00	6.0689	1.7791	7.6218	0.0073	0.0021	0.0090	2.50	PASS
				0.00	2.9857	4.1451	0.4445	0.0036	0.0050	0.0005	2.50	PASS
				10.00	13.3181	3.0510	9.3186	0.0161	0.0036	0.0110	2.50	PASS
				20.00	7.5832	13.4904	13.0744	0.0092	0.0161	0.0154	2.50	PASS
				30.00	8.2140	12.0292	3.7212	0.0099	0.0144	0.0044	2.50	PASS
				40.00	13.0411	10.6384	7.7995	0.0158	0.0127	0.0092	2.50	PASS
				50.00	2.0056	3.5626	12.4311	0.0024	0.0043	0.0147	2.50	PASS

Test Band: 5_10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	5.1800	12.1115	11.7005	0.0062	0.0145	0.0139	2.50	PASS
				NV	12.4726	14.1217	11.8605	0.0150	0.0169	0.0141	2.50	PASS
				HV	8.9322	1.1340	3.0692	0.0108	0.0014	0.0036	2.50	PASS
16QAM	50	0	NT	LV	8.8469	2.8503	8.5858	0.0107	0.0034	0.0102	2.50	PASS
				NV	7.8612	7.6206	14.5851	0.0095	0.0091	0.0173	2.50	PASS
				HV	4.1931	3.1879	6.0937	0.0051	0.0038	0.0072	2.50	PASS

Test Band: 5_10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	14.3644	4.3629	7.7970	0.0173	0.0052	0.0092	2.50	PASS
				-20.00	1.6705	7.7496	6.9116	0.0020	0.0093	0.0082	2.50	PASS
				-10.00	13.8259	1.1987	3.2181	0.0167	0.0014	0.0038	2.50	PASS
				0.00	8.8154	12.7753	3.2908	0.0106	0.0153	0.0039	2.50	PASS
				10.00	3.0638	0.7633	8.2922	0.0037	0.0009	0.0098	2.50	PASS
				20.00	6.7580	8.9071	8.2863	0.0082	0.0106	0.0098	2.50	PASS
				30.00	2.4875	11.2000	4.0070	0.0030	0.0134	0.0047	2.50	PASS
				40.00	4.1751	4.2617	11.7507	0.0050	0.0051	0.0139	2.50	PASS
50.00	12.2066	10.2530	7.8275	0.0147	0.0123	0.0093	2.50	PASS				
16QAM	50	0	NV	-30.00	5.2194	11.6608	10.9378	0.0063	0.0139	0.0130	2.50	PASS
				-20.00	0.5662	0.7845	2.3559	0.0007	0.0009	0.0028	2.50	PASS
				-10.00	12.4089	6.8803	0.2191	0.0150	0.0082	0.0003	2.50	PASS
				0.00	12.0369	12.6025	8.5835	0.0145	0.0151	0.0102	2.50	PASS
				10.00	6.0092	0.3274	1.6159	0.0072	0.0004	0.0019	2.50	PASS
				20.00	9.4488	13.2076	8.6412	0.0114	0.0158	0.0102	2.50	PASS
				30.00	12.4099	4.5087	2.4810	0.0150	0.0054	0.0029	2.50	PASS
				40.00	2.2844	0.2755	5.3188	0.0028	0.0003	0.0063	2.50	PASS
50.00	12.3067	11.5821	1.9386	0.0148	0.0138	0.0023	2.50	PASS				

Test Band: 7 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	10.7395	3.7070	7.2812	0.0043	0.0015	0.0028	2.50	PASS
				NV	8.6514	7.9355	6.3047	0.0035	0.0031	0.0025	2.50	PASS
				HV	13.1726	12.9993	8.9809	0.0053	0.0051	0.0035	2.50	PASS
16QAM	25	0	NT	LV	6.9106	0.3029	12.2699	0.0028	0.0001	0.0048	2.50	PASS
				NV	8.8149	11.6834	4.6543	0.0035	0.0046	0.0018	2.50	PASS
				HV	0.3018	5.1939	1.2233	0.0001	0.0020	0.0005	2.50	PASS

Test Band: 7_5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	8.5974	8.2967	12.0291	0.0034	0.0033	0.0047	2.50	PASS
				-20.00	7.9814	2.5870	10.4873	0.0032	0.0010	0.0041	2.50	PASS
				-10.00	0.5752	4.2860	0.8739	0.0002	0.0017	0.0003	2.50	PASS
				0.00	10.5697	6.8022	14.0626	0.0042	0.0027	0.0055	2.50	PASS
				10.00	12.0741	0.3080	6.7770	0.0048	0.0001	0.0026	2.50	PASS
				20.00	11.9745	14.1272	4.3732	0.0048	0.0056	0.0017	2.50	PASS

16QAM	25	0	NV	30.00	6.5114	5.5241	6.8425	0.0026	0.0022	0.0027	2.50	PASS
				40.00	1.3768	4.8772	3.6923	0.0006	0.0019	0.0014	2.50	PASS
				50.00	11.3427	5.8316	10.5403	0.0045	0.0023	0.0041	2.50	PASS
				-30.00	13.7584	3.8187	6.2524	0.0055	0.0015	0.0024	2.50	PASS
				-20.00	5.1235	1.6805	0.9130	0.0020	0.0007	0.0004	2.50	PASS
				-10.00	5.3064	13.6720	3.1970	0.0021	0.0054	0.0012	2.50	PASS
				0.00	14.7949	8.2043	10.9095	0.0059	0.0032	0.0042	2.50	PASS
				10.00	14.8824	4.2676	3.1054	0.0059	0.0017	0.0012	2.50	PASS
				20.00	13.9392	6.9499	8.0214	0.0056	0.0027	0.0031	2.50	PASS
				30.00	10.1029	1.5058	11.8889	0.0040	0.0006	0.0046	2.50	PASS
				40.00	2.6626	8.6152	0.7885	0.0011	0.0034	0.0003	2.50	PASS
				50.00	11.8138	1.2510	0.7960	0.0047	0.0005	0.0003	2.50	PASS

Test Band: 7 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	6.5462	11.4554	7.3212	0.0026	0.0045	0.0029	2.50	PASS
				NV	8.1199	3.1933	4.1284	0.0032	0.0013	0.0016	2.50	PASS
				HV	14.7191	4.1521	4.4379	0.0059	0.0016	0.0017	2.50	PASS
16QAM	50	0	NT	LV	6.8668	3.1421	1.9581	0.0027	0.0012	0.0008	2.50	PASS
				NV	7.5564	0.3263	5.5150	0.0030	0.0001	0.0022	2.50	PASS
				HV	14.3716	3.7995	13.1913	0.0057	0.0015	0.0051	2.50	PASS

Test Band: 7 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	11.4273	4.4360	11.0972	0.0046	0.0017	0.0043	2.50	PASS
				-20.00	9.5087	10.8653	0.5954	0.0038	0.0043	0.0002	2.50	PASS
				-10.00	5.5381	0.5808	3.3154	0.0022	0.0002	0.0013	2.50	PASS
				0.00	4.2256	1.1368	2.3336	0.0017	0.0004	0.0009	2.50	PASS
				10.00	14.6270	6.8808	7.3682	0.0058	0.0027	0.0029	2.50	PASS
				20.00	0.0892	7.7187	12.5437	0.0000	0.0030	0.0049	2.50	PASS
				30.00	7.0391	6.9876	6.2438	0.0028	0.0028	0.0024	2.50	PASS
				40.00	2.1977	12.4993	12.4603	0.0009	0.0049	0.0049	2.50	PASS
				50.00	3.0014	10.0338	13.7143	0.0012	0.0040	0.0053	2.50	PASS
16QAM	50	0	NV	-30.00	8.2153	10.8608	7.7273	0.0033	0.0043	0.0030	2.50	PASS
				-20.00	6.8264	3.5050	1.8253	0.0027	0.0014	0.0007	2.50	PASS
				-10.00	5.2055	3.1900	13.3927	0.0021	0.0013	0.0052	2.50	PASS
				0.00	2.0875	13.0604	13.2907	0.0008	0.0052	0.0052	2.50	PASS
				10.00	4.6949	7.7224	0.5321	0.0019	0.0030	0.0002	2.50	PASS
				20.00	7.5000	5.0101	13.0969	0.0030	0.0020	0.0051	2.50	PASS
				30.00	11.4776	5.4079	3.8345	0.0046	0.0021	0.0015	2.50	PASS
				40.00	1.4411	6.6406	9.2029	0.0006	0.0026	0.0036	2.50	PASS
				50.00	6.0507	5.4912	11.1761	0.0024	0.0022	0.0044	2.50	PASS

Test Band: 7 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	13.6759	3.2082	11.5763	0.0055	0.0013	0.0045	2.50	PASS
				NV	13.9436	3.0945	10.6993	0.0056	0.0012	0.0042	2.50	PASS
				HV	7.6162	13.8084	2.7984	0.0030	0.0054	0.0011	2.50	PASS
16QAM	75	0	NT	LV	2.1703	3.0718	0.5245	0.0009	0.0012	0.0002	2.50	PASS
				NV	6.8824	4.5489	13.2243	0.0027	0.0018	0.0052	2.50	PASS
				HV	1.9685	7.6513	0.1654	0.0008	0.0030	0.0001	2.50	PASS

Test Band: 7 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-30.00	6.5342	2.8792	10.7085	0.0026	0.0011	0.0042	2.50	PASS
				-20.00	10.5387	12.0500	3.9144	0.0042	0.0048	0.0015	2.50	PASS
				-10.00	3.1120	11.4179	6.7680	0.0012	0.0045	0.0026	2.50	PASS
				0.00	1.0377	3.7120	5.0063	0.0004	0.0015	0.0020	2.50	PASS
				10.00	12.7034	3.8302	1.7742	0.0051	0.0015	0.0007	2.50	PASS
				20.00	7.6024	3.6633	3.0510	0.0030	0.0014	0.0012	2.50	PASS
				30.00	0.0562	12.0040	6.5462	0.0000	0.0047	0.0026	2.50	PASS
				40.00	4.4575	0.1068	11.0735	0.0018	0.0000	0.0043	2.50	PASS
16QAM	75	0	NV	50.00	12.9160	11.2213	1.3349	0.0052	0.0044	0.0005	2.50	PASS
				-30.00	1.2116	0.8472	4.9850	0.0005	0.0003	0.0019	2.50	PASS
				-20.00	11.9934	13.8426	13.8442	0.0048	0.0055	0.0054	2.50	PASS
				-10.00	4.7099	9.1978	14.8683	0.0019	0.0036	0.0058	2.50	PASS
				0.00	12.4101	10.7938	4.0923	0.0049	0.0043	0.0016	2.50	PASS
				10.00	0.4448	13.3949	3.4813	0.0002	0.0053	0.0014	2.50	PASS
				20.00	12.9673	3.7290	4.4893	0.0052	0.0015	0.0018	2.50	PASS
				30.00	5.0480	9.8223	10.5922	0.0020	0.0039	0.0041	2.50	PASS
				40.00	14.8067	9.3709	6.8243	0.0059	0.0037	0.0027	2.50	PASS
				50.00	13.6752	5.7502	1.4786	0.0055	0.0023	0.0006	2.50	PASS

Test Band: 7 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	9.2126	12.9427	8.0213	0.0037	0.0051	0.0031	2.50	PASS
				NV	8.8789	7.6234	1.1865	0.0035	0.0030	0.0005	2.50	PASS
				HV	4.6484	9.9007	7.0508	0.0019	0.0039	0.0028	2.50	PASS
16QAM	100	0	NT	LV	7.5388	11.1869	13.3564	0.0030	0.0044	0.0052	2.50	PASS
				NV	5.0242	10.6176	12.0270	0.0020	0.0042	0.0047	2.50	PASS
				HV	3.1011	12.1069	0.3681	0.0012	0.0048	0.0001	2.50	PASS

Test Band: 7 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-30.00	12.6664	12.4504	8.8251	0.0050	0.0049	0.0034	2.50	PASS
				-20.00	5.0438	10.9954	1.5587	0.0020	0.0043	0.0006	2.50	PASS
				-10.00	1.6231	0.2095	11.3524	0.0006	0.0001	0.0044	2.50	PASS
				0.00	2.3327	14.4396	2.8848	0.0009	0.0057	0.0011	2.50	PASS
				10.00	6.9918	10.5910	2.8763	0.0028	0.0042	0.0011	2.50	PASS
				20.00	8.7852	1.9172	0.9206	0.0035	0.0008	0.0004	2.50	PASS
				30.00	13.7309	6.3369	8.7202	0.0055	0.0025	0.0034	2.50	PASS
				40.00	14.1170	5.7696	13.3670	0.0056	0.0023	0.0052	2.50	PASS
16QAM	100	0	NV	50.00	14.8946	9.9902	10.0109	0.0059	0.0039	0.0039	2.50	PASS
				-30.00	14.1590	10.3151	0.2874	0.0056	0.0041	0.0001	2.50	PASS
				-20.00	6.1909	5.9541	5.5858	0.0025	0.0023	0.0022	2.50	PASS
				-10.00	3.8295	10.7808	2.2012	0.0015	0.0043	0.0009	2.50	PASS
				0.00	3.4534	14.3405	11.4055	0.0014	0.0057	0.0045	2.50	PASS
				10.00	12.3560	3.0471	12.8960	0.0049	0.0012	0.0050	2.50	PASS
				20.00	9.6046	12.5498	11.1232	0.0038	0.0050	0.0043	2.50	PASS
				30.00	6.0052	7.6898	5.5731	0.0024	0.0030	0.0022	2.50	PASS
				40.00	0.3088	6.1994	12.0992	0.0001	0.0024	0.0047	2.50	PASS
				50.00	7.9008	5.1186	14.4206	0.0031	0.0020	0.0056	2.50	PASS

Test Band: 12_1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	13.0025	12.3921	7.2547	0.0186	0.0175	0.0101	2.50	PASS
				NV	14.3205	7.0954	1.0843	0.0205	0.0100	0.0015	2.50	PASS
				HV	12.4604	6.0955	3.7955	0.0178	0.0086	0.0053	2.50	PASS
16QAM	6	0	NT	LV	14.0983	7.2575	12.6442	0.0201	0.0103	0.0177	2.50	PASS
				NV	14.6197	0.1008	12.9491	0.0209	0.0001	0.0181	2.50	PASS
				HV	7.3882	12.8544	8.8383	0.0106	0.0182	0.0124	2.50	PASS

Test Band: 12_1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	2.0969	14.7194	13.9419	0.0030	0.0208	0.0195	2.50	PASS
				-20.00	9.2862	12.4726	6.4414	0.0133	0.0176	0.0090	2.50	PASS
				-10.00	3.7796	9.2575	2.7700	0.0054	0.0131	0.0039	2.50	PASS
				0.00	1.2238	3.3331	14.1001	0.0017	0.0047	0.0197	2.50	PASS
				10.00	7.9060	9.6352	8.8142	0.0113	0.0136	0.0123	2.50	PASS
				20.00	2.1041	14.8371	14.6049	0.0030	0.0210	0.0204	2.50	PASS
				30.00	14.0740	4.4669	13.5275	0.0201	0.0063	0.0189	2.50	PASS
				40.00	3.7683	3.9692	6.9187	0.0054	0.0056	0.0097	2.50	PASS
				50.00	7.5712	12.4839	11.7902	0.0108	0.0176	0.0165	2.50	PASS
16QAM	6	0	NV	-30.00	11.9604	9.6329	9.1549	0.0171	0.0136	0.0128	2.50	PASS
				-20.00	4.8753	13.2837	4.2357	0.0070	0.0188	0.0059	2.50	PASS
				-10.00	13.5922	1.5000	0.0319	0.0194	0.0021	0.0000	2.50	PASS
				0.00	12.5669	11.0884	2.7475	0.0180	0.0157	0.0038	2.50	PASS
				10.00	7.7382	0.1195	2.3670	0.0111	0.0002	0.0033	2.50	PASS
				20.00	2.8141	13.6575	4.4017	0.0040	0.0193	0.0062	2.50	PASS
				30.00	12.6049	5.0822	9.0287	0.0180	0.0072	0.0126	2.50	PASS
				40.00	3.6435	4.0874	11.0247	0.0052	0.0058	0.0154	2.50	PASS
				50.00	9.6941	4.9092	6.3611	0.0139	0.0069	0.0089	2.50	PASS

Test Band: 12_3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	0.6519	10.6547	14.5421	0.0009	0.0151	0.0204	2.50	PASS
				NV	12.2830	13.2853	12.8165	0.0175	0.0188	0.0179	2.50	PASS
				HV	4.5513	14.1598	1.2869	0.0065	0.0200	0.0018	2.50	PASS
16QAM	15	0	NT	LV	11.1090	7.0753	12.4696	0.0159	0.0100	0.0175	2.50	PASS
				NV	5.5486	8.7371	4.8683	0.0079	0.0123	0.0068	2.50	PASS
				HV	0.5398	10.2834	10.7159	0.0008	0.0145	0.0150	2.50	PASS

Test Band: 12_3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	14.8298	3.6630	11.2326	0.0212	0.0052	0.0157	2.50	PASS
				-20.00	7.6515	7.9519	0.2575	0.0109	0.0112	0.0004	2.50	PASS
				-10.00	4.0534	2.0476	7.1722	0.0058	0.0029	0.0100	2.50	PASS
				0.00	9.8533	7.0480	3.4647	0.0141	0.0100	0.0048	2.50	PASS
				10.00	14.6781	4.7953	10.9581	0.0210	0.0068	0.0153	2.50	PASS
				20.00	10.5210	3.1679	2.2075	0.0150	0.0045	0.0031	2.50	PASS
				30.00	13.2222	6.0062	5.5160	0.0189	0.0085	0.0077	2.50	PASS
				40.00	14.5910	4.7156	8.4789	0.0208	0.0067	0.0119	2.50	PASS
				50.00	14.5910	4.7156	8.4789	0.0208	0.0067	0.0119	2.50	PASS

				50.00	2.7335	9.2629	11.0061	0.0039	0.0131	0.0154	2.50	PASS
16QAM	15	0	NV	-30.00	1.0673	13.6988	5.7040	0.0015	0.0194	0.0080	2.50	PASS
				-20.00	2.1585	9.7690	0.8652	0.0031	0.0138	0.0012	2.50	PASS
				-10.00	4.2147	6.5077	13.5981	0.0060	0.0092	0.0190	2.50	PASS
				0.00	9.3986	12.7070	13.9773	0.0134	0.0180	0.0196	2.50	PASS
				10.00	7.2929	13.9443	1.2438	0.0104	0.0197	0.0017	2.50	PASS
				20.00	2.2408	11.4943	10.1543	0.0032	0.0162	0.0142	2.50	PASS
				30.00	13.3799	2.3064	0.8184	0.0191	0.0033	0.0011	2.50	PASS
				40.00	10.9811	2.9405	1.8454	0.0157	0.0042	0.0026	2.50	PASS
				50.00	4.3645	8.7023	13.7151	0.0062	0.0123	0.0192	2.50	PASS

Test Band: 12 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	0.9162	11.1513	8.2608	0.0013	0.0158	0.0116	2.50	PASS
				NV	14.9544	0.6547	3.7348	0.0213	0.0009	0.0052	2.50	PASS
				HV	5.3895	2.1085	1.7201	0.0077	0.0030	0.0024	2.50	PASS
16QAM	25	0	NT	LV	10.8912	4.0353	1.4499	0.0155	0.0057	0.0020	2.50	PASS
				NV	14.6015	7.5501	2.6045	0.0208	0.0107	0.0037	2.50	PASS
				HV	11.7441	7.2048	3.3083	0.0167	0.0102	0.0046	2.50	PASS

Test Band: 12 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	13.9929	11.4990	9.4225	0.0199	0.0163	0.0132	2.50	PASS
				-20.00	5.8055	3.4331	0.7169	0.0083	0.0049	0.0010	2.50	PASS
				-10.00	5.0178	11.1125	8.9248	0.0072	0.0157	0.0125	2.50	PASS
				0.00	0.6691	8.0319	3.5869	0.0010	0.0114	0.0050	2.50	PASS
				10.00	4.5960	1.2342	13.0680	0.0066	0.0017	0.0183	2.50	PASS
				20.00	8.2094	2.8354	0.6872	0.0117	0.0040	0.0010	2.50	PASS
				30.00	6.6769	11.2293	13.6725	0.0095	0.0159	0.0192	2.50	PASS
				40.00	8.0332	9.8667	13.7163	0.0115	0.0139	0.0192	2.50	PASS
				50.00	14.4915	5.4883	3.3294	0.0207	0.0078	0.0047	2.50	PASS
16QAM	25	0	NV	-30.00	7.1605	7.3879	14.4622	0.0102	0.0104	0.0203	2.50	PASS
				-20.00	3.7513	9.1284	4.9868	0.0053	0.0129	0.0070	2.50	PASS
				-10.00	5.9818	5.3848	2.1578	0.0085	0.0076	0.0030	2.50	PASS
				0.00	0.7613	11.7434	1.6580	0.0011	0.0166	0.0023	2.50	PASS
				10.00	14.2541	6.4261	0.7459	0.0203	0.0091	0.0010	2.50	PASS
				20.00	9.5877	11.6885	1.4946	0.0137	0.0165	0.0021	2.50	PASS
				30.00	7.7913	13.4191	1.8757	0.0111	0.0190	0.0026	2.50	PASS
				40.00	6.5930	13.5274	5.5660	0.0094	0.0191	0.0078	2.50	PASS
				50.00	1.1677	14.7373	1.6756	0.0017	0.0208	0.0023	2.50	PASS

Test Band: 12 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	4.9852	5.2376	8.3902	0.0071	0.0074	0.0118	2.50	PASS
				NV	3.3675	12.3774	8.4757	0.0048	0.0175	0.0119	2.50	PASS
				HV	0.7976	7.0820	6.8458	0.0011	0.0100	0.0096	2.50	PASS
16QAM	50	0	NT	LV	14.5013	6.4491	1.0521	0.0206	0.0091	0.0015	2.50	PASS
				NV	10.4276	13.5417	9.2507	0.0148	0.0191	0.0130	2.50	PASS
				HV	6.4203	2.4208	13.4803	0.0091	0.0034	0.0190	2.50	PASS

Test Band: 12 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	13.0591	13.1979	9.4058	0.0185	0.0187	0.0132	2.50	PASS
				-20.00	3.2137	12.6201	7.8165	0.0046	0.0178	0.0110	2.50	PASS
				-10.00	6.6347	3.3324	12.2125	0.0094	0.0047	0.0172	2.50	PASS
				0.00	13.0662	12.5317	5.2564	0.0186	0.0177	0.0074	2.50	PASS
				10.00	0.9995	4.8751	12.2343	0.0014	0.0069	0.0172	2.50	PASS
				20.00	5.2791	1.5171	11.8567	0.0075	0.0021	0.0167	2.50	PASS
				30.00	6.1935	11.0876	9.0180	0.0088	0.0157	0.0127	2.50	PASS
				40.00	1.1128	4.0174	8.1131	0.0016	0.0057	0.0114	2.50	PASS
16QAM	50	0	NV	50.00	1.4797	7.1894	9.4585	0.0021	0.0102	0.0133	2.50	PASS
				-30.00	4.1415	12.1527	3.6985	0.0059	0.0172	0.0052	2.50	PASS
				-20.00	4.4018	2.3673	10.9007	0.0063	0.0033	0.0153	2.50	PASS
				-10.00	8.4723	7.7316	5.6418	0.0120	0.0109	0.0079	2.50	PASS
				0.00	12.0251	1.4083	7.9470	0.0171	0.0020	0.0112	2.50	PASS
				10.00	8.4810	10.7957	0.8847	0.0120	0.0153	0.0012	2.50	PASS
				20.00	8.8218	1.0440	13.7924	0.0125	0.0015	0.0194	2.50	PASS
				30.00	6.0562	9.1843	5.9442	0.0086	0.0130	0.0084	2.50	PASS
				40.00	11.1849	10.0907	11.9752	0.0159	0.0143	0.0168	2.50	PASS
				50.00	7.3072	2.4200	5.5581	0.0104	0.0034	0.0078	2.50	PASS

Test Band: 17 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	13.7196	6.4315	13.1191	0.0194	0.0091	0.0184	2.50	PASS
				NV	9.3944	7.8926	9.2278	0.0133	0.0111	0.0129	2.50	PASS
				HV	13.9585	10.1637	13.9355	0.0198	0.0143	0.0195	2.50	PASS
16QAM	25	0	NT	LV	3.0868	4.9727	11.0035	0.0044	0.0070	0.0154	2.50	PASS
				NV	4.5525	6.8142	9.7903	0.0064	0.0096	0.0137	2.50	PASS
				HV	4.9113	12.6214	6.5165	0.0070	0.0178	0.0091	2.50	PASS

Test Band: 17 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	1.5667	12.3709	7.2696	0.0022	0.0174	0.0102	2.50	PASS
				-20.00	7.9457	6.4834	1.5425	0.0112	0.0091	0.0022	2.50	PASS
				-10.00	10.9884	2.6397	4.5939	0.0156	0.0037	0.0064	2.50	PASS
				0.00	7.6400	10.4373	6.6331	0.0108	0.0147	0.0093	2.50	PASS
				10.00	0.9301	7.9574	8.2840	0.0013	0.0112	0.0116	2.50	PASS
				20.00	11.2222	3.3638	1.6911	0.0159	0.0047	0.0024	2.50	PASS
				30.00	14.6431	2.1110	5.2239	0.0207	0.0030	0.0073	2.50	PASS
				40.00	0.4284	12.5550	8.9052	0.0006	0.0177	0.0125	2.50	PASS
16QAM	25	0	NV	50.00	0.7114	3.2811	0.7848	0.0010	0.0046	0.0011	2.50	PASS
				-30.00	14.8836	3.8479	5.7175	0.0211	0.0054	0.0080	2.50	PASS
				-20.00	1.3871	12.3009	2.7228	0.0020	0.0173	0.0038	2.50	PASS
				-10.00	12.2161	14.7435	0.8372	0.0173	0.0208	0.0012	2.50	PASS
				0.00	0.9279	13.9137	6.6954	0.0013	0.0196	0.0094	2.50	PASS
				10.00	12.8066	1.4442	9.1726	0.0181	0.0020	0.0129	2.50	PASS
				20.00	11.7190	2.5237	8.3929	0.0166	0.0036	0.0118	2.50	PASS
				30.00	12.1490	6.0412	9.4978	0.0172	0.0085	0.0133	2.50	PASS
				40.00	9.7989	0.4428	14.0296	0.0139	0.0006	0.0197	2.50	PASS
				50.00	3.6423	8.7999	10.7823	0.0052	0.0124	0.0151	2.50	PASS

Test Band: 17 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	12.7401	1.7429	7.5999	0.0180	0.0025	0.0107	2.50	PASS
				NV	7.3309	5.4469	4.9085	0.0103	0.0077	0.0069	2.50	PASS
				HV	13.8480	11.1763	11.6385	0.0195	0.0157	0.0164	2.50	PASS
16QAM	50	0	NT	LV	5.8136	4.0175	9.5285	0.0082	0.0057	0.0134	2.50	PASS
				NV	9.3078	6.5570	1.3092	0.0131	0.0092	0.0018	2.50	PASS
				HV	0.3820	7.4288	2.5611	0.0005	0.0105	0.0036	2.50	PASS

Test Band: 17 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	2.3188	1.4462	0.8026	0.0033	0.0020	0.0011	2.50	PASS
				-20.00	5.1729	10.0374	3.7949	0.0073	0.0141	0.0053	2.50	PASS
				-10.00	7.5754	9.6485	4.3771	0.0107	0.0136	0.0062	2.50	PASS
				0.00	9.0872	4.5351	8.5181	0.0128	0.0064	0.0120	2.50	PASS
				10.00	1.2681	2.1736	4.9316	0.0018	0.0031	0.0069	2.50	PASS
				20.00	0.6810	0.5827	5.2762	0.0010	0.0008	0.0074	2.50	PASS
				30.00	5.1736	0.2890	5.0203	0.0073	0.0004	0.0071	2.50	PASS
				40.00	6.2405	14.0964	3.2260	0.0088	0.0199	0.0045	2.50	PASS
				50.00	4.0245	7.3923	9.1796	0.0057	0.0104	0.0129	2.50	PASS
16QAM	50	0	NV	-30.00	4.8581	3.7511	1.5960	0.0069	0.0053	0.0022	2.50	PASS
				-20.00	6.8770	13.8212	6.5766	0.0097	0.0195	0.0092	2.50	PASS
				-10.00	14.7360	3.1962	9.9946	0.0208	0.0045	0.0141	2.50	PASS
				0.00	4.6451	4.2486	3.5803	0.0066	0.0060	0.0050	2.50	PASS
				10.00	14.0566	11.4062	6.4397	0.0198	0.0161	0.0091	2.50	PASS
				20.00	9.8778	14.9023	10.9476	0.0139	0.0210	0.0154	2.50	PASS
				30.00	10.7695	14.4185	5.1441	0.0152	0.0203	0.0072	2.50	PASS
				40.00	10.2847	5.5175	4.4478	0.0145	0.0078	0.0063	2.50	PASS
				50.00	3.2605	12.0973	11.9683	0.0046	0.0170	0.0168	2.50	PASS

Test Band: 25 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	0.0531	13.5096	13.4370	0.0000	0.0072	0.0070	2.50	PASS
				NV	10.9953	0.4571	0.6374	0.0059	0.0002	0.0003	2.50	PASS
				HV	9.1375	7.7884	7.0778	0.0049	0.0041	0.0037	2.50	PASS
16QAM	6	0	NT	LV	11.0770	11.8520	7.7271	0.0060	0.0063	0.0040	2.50	PASS
				NV	13.4445	14.5983	14.4817	0.0073	0.0078	0.0076	2.50	PASS
				HV	8.2092	9.7077	13.7973	0.0044	0.0052	0.0072	2.50	PASS

Test Band: 25 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	4.5900	10.8462	2.2157	0.0025	0.0058	0.0012	2.50	PASS
				-20.00	13.9943	10.7956	7.8478	0.0076	0.0057	0.0041	2.50	PASS
				-10.00	4.8078	10.7193	12.2969	0.0026	0.0057	0.0064	2.50	PASS
				0.00	10.7268	8.5667	3.8651	0.0058	0.0046	0.0020	2.50	PASS
				10.00	14.9749	2.2767	1.0473	0.0081	0.0012	0.0005	2.50	PASS
				20.00	4.5694	3.2555	3.4056	0.0025	0.0017	0.0018	2.50	PASS
				30.00	12.6596	12.2181	10.0987	0.0068	0.0065	0.0053	2.50	PASS
				40.00	7.9113	1.3499	11.5764	0.0043	0.0007	0.0060	2.50	PASS
				50.00	12.8770	11.3048	10.1669	0.0070	0.0060	0.0053	2.50	PASS

16QAM	6	0	NV	-30.00	12.2608	8.7394	4.6123	0.0066	0.0046	0.0024	2.50	PASS
				-20.00	12.8210	14.6097	1.4051	0.0069	0.0078	0.0007	2.50	PASS
				-10.00	5.8290	1.3353	2.3226	0.0031	0.0007	0.0012	2.50	PASS
				0.00	3.8690	4.9700	6.4288	0.0021	0.0026	0.0034	2.50	PASS
				10.00	12.6349	10.6620	2.6945	0.0068	0.0057	0.0014	2.50	PASS
				20.00	10.5179	6.5170	6.0937	0.0057	0.0035	0.0032	2.50	PASS
				30.00	7.2532	0.0585	9.8015	0.0039	0.0000	0.0051	2.50	PASS
				40.00	10.0224	5.6897	12.6292	0.0054	0.0030	0.0066	2.50	PASS
				50.00	8.0807	6.5845	2.3133	0.0044	0.0035	0.0012	2.50	PASS

Test Band: 25 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	10.2983	4.8224	8.9009	0.0056	0.0026	0.0047	2.50	PASS
				NV	12.0795	13.4250	12.9997	0.0065	0.0071	0.0068	2.50	PASS
				HV	14.7548	4.5841	8.4895	0.0080	0.0024	0.0044	2.50	PASS
16QAM	15	0	NT	LV	2.6268	12.9139	4.4694	0.0014	0.0069	0.0023	2.50	PASS
				NV	8.2834	7.8704	6.1582	0.0045	0.0042	0.0032	2.50	PASS
				HV	12.0215	13.1915	7.4879	0.0065	0.0070	0.0039	2.50	PASS

Test Band: 25 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	5.8732	13.2903	8.9325	0.0032	0.0071	0.0047	2.50	PASS
				-20.00	7.2532	6.4146	13.7998	0.0039	0.0034	0.0072	2.50	PASS
				-10.00	6.6954	10.7585	12.3347	0.0036	0.0057	0.0064	2.50	PASS
				0.00	13.1952	8.4541	3.0897	0.0071	0.0045	0.0016	2.50	PASS
				10.00	8.3600	7.8056	8.1897	0.0045	0.0041	0.0043	2.50	PASS
				20.00	10.8265	12.4546	7.2230	0.0058	0.0066	0.0038	2.50	PASS
				30.00	3.6866	5.8883	1.0114	0.0020	0.0031	0.0005	2.50	PASS
				40.00	11.3973	13.7595	2.9433	0.0062	0.0073	0.0015	2.50	PASS
				50.00	5.6261	12.5215	9.1717	0.0030	0.0067	0.0048	2.50	PASS
16QAM	15	0	NV	-30.00	2.0679	8.0685	12.6274	0.0011	0.0043	0.0066	2.50	PASS
				-20.00	5.7175	6.9616	13.4149	0.0031	0.0037	0.0070	2.50	PASS
				-10.00	4.7567	13.5989	1.2597	0.0026	0.0072	0.0007	2.50	PASS
				0.00	3.9091	0.7395	12.3363	0.0021	0.0004	0.0064	2.50	PASS
				10.00	6.9595	6.7389	6.3937	0.0038	0.0036	0.0033	2.50	PASS
				20.00	12.9181	4.4394	7.9583	0.0070	0.0024	0.0042	2.50	PASS
				30.00	9.9061	0.6772	3.9215	0.0054	0.0004	0.0020	2.50	PASS
				40.00	14.1145	3.8044	2.3862	0.0076	0.0020	0.0012	2.50	PASS
				50.00	0.9876	0.2808	10.8784	0.0005	0.0001	0.0057	2.50	PASS

Test Band: 25 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	0.9458	8.5985	3.1136	0.0005	0.0046	0.0016	2.50	PASS
				NV	5.0223	13.6572	5.7744	0.0027	0.0073	0.0030	2.50	PASS
				HV	6.9886	7.8350	12.9556	0.0038	0.0042	0.0068	2.50	PASS
16QAM	25	0	NT	LV	4.2440	13.5172	8.0431	0.0023	0.0072	0.0042	2.50	PASS
				NV	7.9672	5.6316	1.5880	0.0043	0.0030	0.0008	2.50	PASS
				HV	14.6173	5.4650	13.4272	0.0079	0.0029	0.0070	2.50	PASS

Test Band: 25 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	11.4466	6.4525	13.1794	0.0062	0.0034	0.0069	2.50	PASS
				-20.00	13.9169	5.2235	7.3991	0.0075	0.0028	0.0039	2.50	PASS
				-10.00	3.0841	10.3550	5.5679	0.0017	0.0055	0.0029	2.50	PASS
				0.00	7.6649	12.5145	5.8583	0.0041	0.0066	0.0031	2.50	PASS
				10.00	11.4119	7.3513	5.0576	0.0062	0.0039	0.0026	2.50	PASS
				20.00	6.5352	8.6777	10.6529	0.0035	0.0046	0.0056	2.50	PASS
				30.00	11.4664	4.0263	8.6042	0.0062	0.0021	0.0045	2.50	PASS
				40.00	13.9471	4.5252	9.6378	0.0075	0.0024	0.0050	2.50	PASS
				50.00	11.4523	13.1783	2.2401	0.0062	0.0070	0.0012	2.50	PASS
16QAM	25	0	NV	-30.00	6.6471	1.6862	12.4924	0.0036	0.0009	0.0065	2.50	PASS
				-20.00	9.5834	9.2146	11.8945	0.0052	0.0049	0.0062	2.50	PASS
				-10.00	1.3643	5.4536	12.4649	0.0007	0.0029	0.0065	2.50	PASS
				0.00	9.8027	9.9057	10.8582	0.0053	0.0053	0.0057	2.50	PASS
				10.00	14.6140	6.6416	1.8731	0.0079	0.0035	0.0010	2.50	PASS
				20.00	12.2267	12.1471	9.3984	0.0066	0.0065	0.0049	2.50	PASS
				30.00	9.8806	8.7555	9.0294	0.0053	0.0047	0.0047	2.50	PASS
				40.00	8.4701	6.2667	9.3135	0.0046	0.0033	0.0049	2.50	PASS
				50.00	9.5667	3.5056	3.1141	0.0052	0.0019	0.0016	2.50	PASS

Test Band: 25 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	6.4705	8.7756	8.6357	0.0035	0.0047	0.0045	2.50	PASS
				NV	11.5560	5.4587	3.9970	0.0062	0.0029	0.0021	2.50	PASS
				HV	9.2593	1.6365	5.5759	0.0050	0.0009	0.0029	2.50	PASS
16QAM	50	0	NT	LV	7.1458	13.2129	10.1840	0.0039	0.0070	0.0053	2.50	PASS
				NV	0.0276	0.7290	7.3306	0.0000	0.0004	0.0038	2.50	PASS
				HV	2.2319	14.4716	5.7475	0.0012	0.0077	0.0030	2.50	PASS

Test Band: 25 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	6.2056	12.6596	9.2447	0.0033	0.0067	0.0048	2.50	PASS
				-20.00	0.4420	7.6119	8.3439	0.0002	0.0040	0.0044	2.50	PASS
				-10.00	11.1819	5.1435	4.4694	0.0060	0.0027	0.0023	2.50	PASS
				0.00	14.9576	12.7890	1.0264	0.0081	0.0068	0.0005	2.50	PASS
				10.00	11.8818	5.1269	12.1012	0.0064	0.0027	0.0063	2.50	PASS
				20.00	5.8350	12.1050	4.6202	0.0031	0.0064	0.0024	2.50	PASS
				30.00	8.2081	13.8109	4.9182	0.0044	0.0073	0.0026	2.50	PASS
				40.00	14.3446	8.6425	1.2162	0.0077	0.0046	0.0006	2.50	PASS
				50.00	10.6552	6.9449	3.1697	0.0057	0.0037	0.0017	2.50	PASS
16QAM	50	0	NV	-30.00	8.8208	12.3313	2.9946	0.0048	0.0066	0.0016	2.50	PASS
				-20.00	10.1770	9.9394	11.5867	0.0055	0.0053	0.0061	2.50	PASS
				-10.00	14.0121	12.6627	0.1754	0.0076	0.0067	0.0001	2.50	PASS
				0.00	6.2246	3.7436	11.1987	0.0034	0.0020	0.0059	2.50	PASS
				10.00	5.5852	1.5245	14.1085	0.0030	0.0008	0.0074	2.50	PASS
				20.00	7.2549	9.0769	14.5509	0.0039	0.0048	0.0076	2.50	PASS
				30.00	12.6981	9.0242	12.4880	0.0068	0.0048	0.0065	2.50	PASS
				40.00	11.9952	1.2521	2.3046	0.0065	0.0007	0.0012	2.50	PASS
				50.00	10.0582	12.9307	5.0701	0.0054	0.0069	0.0027	2.50	PASS

Test Band: 25 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	13.9195	5.4754	7.0025	0.0075	0.0029	0.0037	2.50	PASS
				NV	12.1248	4.6914	4.6019	0.0065	0.0025	0.0024	2.50	PASS
				HV	1.8663	3.1571	0.7209	0.0010	0.0017	0.0004	2.50	PASS
16QAM	75	0	NT	LV	3.1077	10.7258	1.1344	0.0017	0.0057	0.0006	2.50	PASS
				NV	4.1929	8.7181	8.5887	0.0023	0.0046	0.0045	2.50	PASS
				HV	0.6103	1.2457	1.3110	0.0003	0.0007	0.0007	2.50	PASS

Test Band: 25 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-30.00	6.1856	9.9920	12.5308	0.0033	0.0053	0.0066	2.50	PASS
				-20.00	9.1870	0.8007	7.9697	0.0049	0.0004	0.0042	2.50	PASS
				-10.00	7.5727	8.2675	1.6522	0.0041	0.0044	0.0009	2.50	PASS
				0.00	8.7565	8.9721	12.0445	0.0047	0.0048	0.0063	2.50	PASS
				10.00	3.6452	13.6740	10.0589	0.0020	0.0073	0.0053	2.50	PASS
				20.00	1.1618	7.5381	12.4103	0.0006	0.0040	0.0065	2.50	PASS
				30.00	3.0524	6.1651	7.4541	0.0016	0.0033	0.0039	2.50	PASS
				40.00	5.4721	2.1244	2.5449	0.0029	0.0011	0.0013	2.50	PASS
				50.00	11.6948	0.3759	6.7717	0.0063	0.0002	0.0036	2.50	PASS
16QAM	75	0	NV	-30.00	11.5563	13.1825	12.2906	0.0062	0.0070	0.0064	2.50	PASS
				-20.00	5.9545	6.4031	3.7249	0.0032	0.0034	0.0020	2.50	PASS
				-10.00	9.5779	13.8893	11.4182	0.0052	0.0074	0.0060	2.50	PASS
				0.00	6.4323	11.3151	12.3734	0.0035	0.0060	0.0065	2.50	PASS
				10.00	9.1620	2.9335	4.6607	0.0049	0.0016	0.0024	2.50	PASS
				20.00	12.5005	5.1179	7.4967	0.0067	0.0027	0.0039	2.50	PASS
				30.00	14.4221	1.6262	11.9903	0.0078	0.0009	0.0063	2.50	PASS
				40.00	6.7146	6.8475	2.0482	0.0036	0.0036	0.0011	2.50	PASS
				50.00	4.4897	14.9529	13.2005	0.0024	0.0079	0.0069	2.50	PASS

Test Band: 25 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	14.4756	11.5304	9.5330	0.0078	0.0061	0.0050	2.50	PASS
				NV	6.9309	4.5292	9.1711	0.0037	0.0024	0.0048	2.50	PASS
				HV	11.8068	11.0421	1.9351	0.0063	0.0059	0.0010	2.50	PASS
16QAM	100	0	NT	LV	2.8974	11.7789	13.4745	0.0016	0.0063	0.0071	2.50	PASS
				NV	7.7213	9.4548	1.6681	0.0042	0.0050	0.0009	2.50	PASS
				HV	8.8524	2.7229	2.7556	0.0048	0.0014	0.0014	2.50	PASS

Test Band: 25 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-30.00	11.4506	2.3909	9.0113	0.0062	0.0013	0.0047	2.50	PASS
				-20.00	11.9129	3.3998	11.1248	0.0064	0.0018	0.0058	2.50	PASS
				-10.00	13.8202	8.0966	0.5453	0.0074	0.0043	0.0003	2.50	PASS
				0.00	13.3937	12.3602	7.3779	0.0072	0.0066	0.0039	2.50	PASS
				10.00	12.2334	5.1682	2.0969	0.0066	0.0027	0.0011	2.50	PASS
				20.00	7.3497	2.9065	3.1207	0.0040	0.0015	0.0016	2.50	PASS
				30.00	2.0196	1.0505	1.5947	0.0011	0.0006	0.0008	2.50	PASS
				40.00	10.4116	14.3009	2.7574	0.0056	0.0076	0.0014	2.50	PASS

				50.00	9.5754	12.9440	3.3980	0.0051	0.0069	0.0018	2.50	PASS
16QAM	100	0	NV	-30.00	9.4283	4.5385	0.5957	0.0051	0.0024	0.0003	2.50	PASS
				-20.00	6.3472	0.0022	9.7220	0.0034	0.0000	0.0051	2.50	PASS
				-10.00	8.2964	0.4169	1.2526	0.0045	0.0002	0.0007	2.50	PASS
				0.00	3.1793	10.5818	12.1016	0.0017	0.0056	0.0064	2.50	PASS
				10.00	3.9080	1.7379	13.4495	0.0021	0.0009	0.0071	2.50	PASS
				20.00	4.9293	1.0827	1.6071	0.0027	0.0006	0.0008	2.50	PASS
				30.00	6.0440	4.2164	9.9445	0.0032	0.0022	0.0052	2.50	PASS
				40.00	13.6634	6.9694	14.1040	0.0073	0.0037	0.0074	2.50	PASS
				50.00	9.6002	0.3713	13.6445	0.0052	0.0002	0.0072	2.50	PASS

Test Band: 26a 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	12.4207	7.5084	5.2182	0.0152	0.0092	0.0063	2.50	PASS
				NV	10.0263	12.5313	5.2439	0.0123	0.0153	0.0064	2.50	PASS
				HV	13.5603	10.5208	14.7424	0.0166	0.0128	0.0179	2.50	PASS
16QAM	6	0	NT	LV	9.2131	13.7194	2.0747	0.0113	0.0168	0.0025	2.50	PASS
				NV	6.5191	8.7224	12.7971	0.0080	0.0107	0.0155	2.50	PASS
				HV	2.7725	1.3756	6.7846	0.0034	0.0017	0.0082	2.50	PASS

Test Band: 26a 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	12.7907	6.2819	4.6267	0.0157	0.0077	0.0056	2.50	PASS
				-20.00	6.6353	10.5133	6.2763	0.0081	0.0128	0.0076	2.50	PASS
				-10.00	12.5011	14.4228	5.5161	0.0153	0.0176	0.0067	2.50	PASS
				0.00	8.8830	3.1042	5.6853	0.0109	0.0038	0.0069	2.50	PASS
				10.00	0.5559	9.9194	6.8752	0.0007	0.0121	0.0084	2.50	PASS
				20.00	5.5925	14.3537	0.8061	0.0069	0.0175	0.0010	2.50	PASS
				30.00	11.4157	7.3966	12.5083	0.0140	0.0090	0.0152	2.50	PASS
				40.00	2.8669	6.9935	13.6951	0.0035	0.0085	0.0166	2.50	PASS
				50.00	13.8335	3.6773	5.9266	0.0170	0.0045	0.0072	2.50	PASS
16QAM	6	0	NV	-30.00	10.0201	1.3119	4.0361	0.0123	0.0016	0.0049	2.50	PASS
				-20.00	0.1218	4.0394	8.3760	0.0001	0.0049	0.0102	2.50	PASS
				-10.00	8.4279	4.6651	11.9424	0.0103	0.0057	0.0145	2.50	PASS
				0.00	5.5201	7.9341	7.9647	0.0068	0.0097	0.0097	2.50	PASS
				10.00	9.9544	5.3646	11.6775	0.0122	0.0066	0.0142	2.50	PASS
				20.00	12.5589	3.8067	5.4501	0.0154	0.0046	0.0066	2.50	PASS
				30.00	4.0540	5.6208	5.3984	0.0050	0.0069	0.0066	2.50	PASS
				40.00	13.1289	13.4431	0.1046	0.0161	0.0164	0.0001	2.50	PASS
				50.00	10.1062	13.7965	7.6590	0.0124	0.0168	0.0093	2.50	PASS

Test Band: 26a 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	0.0751	1.3002	8.3974	0.0001	0.0016	0.0102	2.50	PASS
				NV	13.8220	1.3299	9.1493	0.0169	0.0016	0.0111	2.50	PASS
				HV	0.2613	4.0348	14.5324	0.0003	0.0049	0.0177	2.50	PASS
16QAM	15	0	NT	LV	14.9192	14.4235	5.3761	0.0183	0.0176	0.0065	2.50	PASS
				NV	4.3987	9.2546	1.7891	0.0054	0.0113	0.0022	2.50	PASS
				HV	10.4854	2.3104	6.6277	0.0129	0.0028	0.0081	2.50	PASS

Test Band: 26a 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	5.5431	0.2749	13.7500	0.0068	0.0003	0.0167	2.50	PASS
				-20.00	11.1818	8.2405	12.0963	0.0137	0.0101	0.0147	2.50	PASS
				-10.00	12.4173	3.5872	5.3185	0.0152	0.0044	0.0065	2.50	PASS
				0.00	7.8132	14.3175	11.9261	0.0096	0.0175	0.0145	2.50	PASS
				10.00	6.9753	13.2898	12.6840	0.0086	0.0162	0.0154	2.50	PASS
				20.00	2.3000	5.3456	4.8419	0.0028	0.0065	0.0059	2.50	PASS
				30.00	9.3330	14.5418	4.3585	0.0114	0.0178	0.0053	2.50	PASS
				40.00	2.3554	9.5469	0.0529	0.0029	0.0117	0.0001	2.50	PASS
16QAM	15	0	NV	50.00	11.7587	11.8132	10.1835	0.0144	0.0144	0.0124	2.50	PASS
				-30.00	14.8739	6.1145	8.6458	0.0182	0.0075	0.0105	2.50	PASS
				-20.00	11.8792	8.1934	1.8185	0.0146	0.0100	0.0022	2.50	PASS
				-10.00	13.7823	1.1207	6.9378	0.0169	0.0014	0.0084	2.50	PASS
				0.00	5.1594	13.9008	14.3363	0.0063	0.0170	0.0174	2.50	PASS
				10.00	1.7144	1.8130	7.0820	0.0021	0.0022	0.0086	2.50	PASS
				20.00	10.0059	7.1098	4.7666	0.0123	0.0087	0.0058	2.50	PASS
				30.00	9.5825	8.5031	5.0260	0.0118	0.0104	0.0061	2.50	PASS
				40.00	9.3976	7.8143	12.9990	0.0115	0.0095	0.0158	2.50	PASS
				50.00	11.6484	13.5242	12.0692	0.0143	0.0165	0.0147	2.50	PASS

Test Band: 26a 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	6.2991	0.0326	4.7662	0.0077	0.0000	0.0058	2.50	PASS
				NV	3.6647	3.9374	1.3156	0.0045	0.0048	0.0016	2.50	PASS
				HV	3.2645	3.9455	5.7789	0.0040	0.0048	0.0070	2.50	PASS
16QAM	25	0	NT	LV	9.9702	13.0650	13.8360	0.0122	0.0160	0.0168	2.50	PASS
				NV	3.3335	8.4264	9.2925	0.0041	0.0103	0.0113	2.50	PASS
				HV	14.2276	10.9722	13.0085	0.0174	0.0134	0.0158	2.50	PASS

Test Band: 26a 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	4.9210	9.0484	0.1892	0.0060	0.0110	0.0002	2.50	PASS
				-20.00	2.8184	8.9463	8.2863	0.0035	0.0109	0.0101	2.50	PASS
				-10.00	12.0493	0.5632	8.8282	0.0148	0.0007	0.0107	2.50	PASS
				0.00	12.9603	9.9687	5.7440	0.0159	0.0122	0.0070	2.50	PASS
				10.00	12.3067	4.5873	8.8707	0.0151	0.0056	0.0108	2.50	PASS
				20.00	6.4991	6.2516	3.9592	0.0080	0.0076	0.0048	2.50	PASS
				30.00	13.6542	11.3049	11.6316	0.0167	0.0138	0.0142	2.50	PASS
				40.00	8.0222	2.7383	9.8436	0.0098	0.0033	0.0120	2.50	PASS
16QAM	25	0	NV	50.00	7.8562	14.0154	2.5288	0.0096	0.0171	0.0031	2.50	PASS
				-30.00	3.7914	7.5252	6.2463	0.0046	0.0092	0.0076	2.50	PASS
				-20.00	11.5860	10.9704	2.9271	0.0142	0.0134	0.0036	2.50	PASS
				-10.00	12.2228	1.2384	7.9915	0.0150	0.0015	0.0097	2.50	PASS
				0.00	0.2544	11.5867	9.3523	0.0003	0.0141	0.0114	2.50	PASS
				10.00	11.8017	5.1318	7.5522	0.0145	0.0063	0.0092	2.50	PASS
				20.00	7.1058	3.0448	4.3034	0.0087	0.0037	0.0052	2.50	PASS
				30.00	9.7437	4.5689	13.8288	0.0119	0.0056	0.0168	2.50	PASS
				40.00	8.7041	10.1283	14.8773	0.0107	0.0124	0.0181	2.50	PASS
				50.00	7.1014	9.3027	0.1867	0.0087	0.0114	0.0002	2.50	PASS

Test Band: 26a 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	/	14.9018	/	/	0.0182	/	2.50	PASS
				NV	/	10.5781	/	/	0.0129	/	2.50	PASS
				HV	/	4.7371	/	/	0.0058	/	2.50	PASS
16QAM	50	0	NT	LV	/	6.9563	/	/	0.0085	/	2.50	PASS
				NV	/	1.3566	/	/	0.0017	/	2.50	PASS
				HV	/	9.8336	/	/	0.0120	/	2.50	PASS

Test Band: 26a 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	/	7.5491	/	/	0.0092	/	2.50	PASS
				-20.00	/	8.1629	/	/	0.0100	/	2.50	PASS
				-10.00	/	14.8212	/	/	0.0181	/	2.50	PASS
				0.00	/	0.3623	/	/	0.0004	/	2.50	PASS
				10.00	/	13.1417	/	/	0.0160	/	2.50	PASS
				20.00	/	6.2123	/	/	0.0076	/	2.50	PASS
				30.00	/	9.5645	/	/	0.0117	/	2.50	PASS
				40.00	/	3.7094	/	/	0.0045	/	2.50	PASS
				50.00	/	9.9969	/	/	0.0122	/	2.50	PASS
16QAM	50	0	NV	-30.00	/	11.6267	/	/	0.0142	/	2.50	PASS
				-20.00	/	14.8190	/	/	0.0181	/	2.50	PASS
				-10.00	/	6.0712	/	/	0.0074	/	2.50	PASS
				0.00	/	3.3628	/	/	0.0041	/	2.50	PASS
				10.00	/	4.9284	/	/	0.0060	/	2.50	PASS
				20.00	/	1.5028	/	/	0.0018	/	2.50	PASS
				30.00	/	8.7590	/	/	0.0107	/	2.50	PASS
				40.00	/	10.1439	/	/	0.0124	/	2.50	PASS
				50.00	/	2.1362	/	/	0.0026	/	2.50	PASS

Test Band: 26b 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	10.5442	6.1864	12.0609	0.0128	0.0074	0.0142	2.50	PASS
				NV	7.0455	2.0268	6.0953	0.0085	0.0024	0.0072	2.50	PASS
				HV	10.3733	9.3308	6.7313	0.0126	0.0112	0.0079	2.50	PASS
16QAM	6	0	NT	LV	5.0419	10.5327	10.8616	0.0061	0.0126	0.0128	2.50	PASS
				NV	10.0762	0.0662	11.5716	0.0122	0.0001	0.0136	2.50	PASS
				HV	5.6006	1.3895	10.1460	0.0068	0.0017	0.0120	2.50	PASS

Test Band: 26b 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	13.1185	4.0670	1.5139	0.0159	0.0049	0.0018	2.50	PASS
				-20.00	13.5270	13.7429	11.6878	0.0164	0.0164	0.0138	2.50	PASS
				-10.00	12.7407	9.9276	11.4530	0.0154	0.0119	0.0135	2.50	PASS
				0.00	6.6584	8.7991	11.1931	0.0081	0.0105	0.0132	2.50	PASS
				10.00	11.5363	7.7388	5.7066	0.0140	0.0093	0.0067	2.50	PASS
				20.00	8.2094	10.5004	7.0895	0.0100	0.0126	0.0084	2.50	PASS
				30.00	7.6848	9.0109	13.2899	0.0093	0.0108	0.0157	2.50	PASS
				40.00	14.3018	0.2071	0.2308	0.0173	0.0002	0.0003	2.50	PASS
				50.00	5.5718	1.9801	1.0429	0.0068	0.0024	0.0012	2.50	PASS

16QAM	6	0	NV	-30.00	14.5748	1.7858	0.5476	0.0177	0.0021	0.0006	2.50	PASS
				-20.00	7.0199	2.4195	13.6658	0.0085	0.0029	0.0161	2.50	PASS
				-10.00	8.0529	9.2515	7.4326	0.0098	0.0111	0.0088	2.50	PASS
				0.00	9.6002	7.0887	4.2925	0.0116	0.0085	0.0051	2.50	PASS
				10.00	10.8280	2.5066	10.6242	0.0131	0.0030	0.0125	2.50	PASS
				20.00	3.4117	14.3951	14.6161	0.0041	0.0172	0.0172	2.50	PASS
				30.00	5.1057	11.4080	14.1648	0.0062	0.0136	0.0167	2.50	PASS
				40.00	3.3354	0.2128	4.5390	0.0040	0.0003	0.0054	2.50	PASS
				50.00	11.6907	10.2375	14.6465	0.0142	0.0122	0.0173	2.50	PASS

Test Band: 26b 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	4.5547	5.7089	1.9212	0.0055	0.0068	0.0023	2.50	PASS
				NV	5.9615	8.6082	5.5768	0.0072	0.0103	0.0066	2.50	PASS
				HV	10.2623	11.9521	7.4586	0.0124	0.0143	0.0088	2.50	PASS
16QAM	15	0	NT	LV	13.6503	2.6176	1.8086	0.0165	0.0031	0.0021	2.50	PASS
				NV	5.5213	5.2638	11.6736	0.0067	0.0063	0.0138	2.50	PASS
				HV	7.6880	0.4431	9.4814	0.0093	0.0005	0.0112	2.50	PASS

Test Band: 26b 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	3.0701	12.7237	7.1103	0.0037	0.0152	0.0084	2.50	PASS
				-20.00	1.1903	2.9212	13.7987	0.0014	0.0035	0.0163	2.50	PASS
				-10.00	2.2718	6.5034	13.5772	0.0028	0.0078	0.0160	2.50	PASS
				0.00	5.3485	1.7536	5.7466	0.0065	0.0021	0.0068	2.50	PASS
				10.00	12.4866	10.8255	0.1149	0.0151	0.0129	0.0001	2.50	PASS
				20.00	2.7164	6.2954	1.3107	0.0033	0.0075	0.0015	2.50	PASS
				30.00	0.8820	11.4658	11.6943	0.0011	0.0137	0.0138	2.50	PASS
				40.00	4.7815	7.5588	11.1296	0.0058	0.0090	0.0131	2.50	PASS
				50.00	12.2044	1.7397	11.1072	0.0148	0.0021	0.0131	2.50	PASS
16QAM	15	0	NV	-30.00	5.7776	9.4826	13.1687	0.0070	0.0113	0.0155	2.50	PASS
				-20.00	2.4606	12.4538	14.3944	0.0030	0.0149	0.0170	2.50	PASS
				-10.00	7.4115	14.9108	0.7839	0.0090	0.0178	0.0009	2.50	PASS
				0.00	0.8793	5.6894	4.4265	0.0011	0.0068	0.0052	2.50	PASS
				10.00	8.0441	12.1081	6.8327	0.0097	0.0145	0.0081	2.50	PASS
				20.00	6.8736	14.6762	11.8775	0.0083	0.0175	0.0140	2.50	PASS
				30.00	5.6631	9.4630	11.5232	0.0069	0.0113	0.0136	2.50	PASS
				40.00	5.2836	6.2623	2.0721	0.0064	0.0075	0.0024	2.50	PASS
				50.00	8.1948	6.0556	6.2480	0.0099	0.0072	0.0074	2.50	PASS

Test Band: 26b 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	0.8954	2.2926	4.9472	0.0011	0.0027	0.0058	2.50	PASS
				NV	2.7606	2.4494	12.0510	0.0033	0.0029	0.0142	2.50	PASS
				HV	12.2967	13.7284	10.0740	0.0149	0.0164	0.0119	2.50	PASS
16QAM	25	0	NT	LV	11.1165	3.1119	12.7727	0.0135	0.0037	0.0151	2.50	PASS
				NV	12.0072	4.8741	2.6414	0.0145	0.0058	0.0031	2.50	PASS
				HV	2.2515	11.6156	0.0851	0.0027	0.0139	0.0001	2.50	PASS

Test Band: 26b 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	0.0843	2.5027	2.2290	0.0001	0.0030	0.0026	2.50	PASS
				-20.00	0.5425	8.7183	14.8554	0.0007	0.0104	0.0175	2.50	PASS
				-10.00	3.5172	6.3469	14.7066	0.0043	0.0076	0.0174	2.50	PASS
				0.00	12.7181	4.5675	4.7932	0.0154	0.0055	0.0057	2.50	PASS
				10.00	8.2050	8.8545	8.0884	0.0099	0.0106	0.0096	2.50	PASS
				20.00	7.7512	13.6996	14.0590	0.0094	0.0164	0.0166	2.50	PASS
				30.00	3.3682	12.2412	8.5117	0.0041	0.0146	0.0101	2.50	PASS
				40.00	10.8605	10.6698	8.1431	0.0131	0.0128	0.0096	2.50	PASS
				50.00	12.7915	10.4911	7.6881	0.0155	0.0125	0.0091	2.50	PASS
16QAM	25	0	NV	-30.00	14.7622	14.1106	3.8772	0.0179	0.0169	0.0046	2.50	PASS
				-20.00	7.2669	12.9548	11.3726	0.0088	0.0155	0.0134	2.50	PASS
				-10.00	3.3087	6.6652	9.7866	0.0040	0.0080	0.0116	2.50	PASS
				0.00	5.5115	9.5785	12.9258	0.0067	0.0115	0.0153	2.50	PASS
				10.00	3.8255	4.9183	5.8121	0.0046	0.0059	0.0069	2.50	PASS
				20.00	14.8043	14.7212	0.8209	0.0179	0.0176	0.0010	2.50	PASS
				30.00	12.8207	9.2155	5.5930	0.0155	0.0110	0.0066	2.50	PASS
				40.00	1.9567	13.9975	12.8829	0.0024	0.0167	0.0152	2.50	PASS
				50.00	1.6452	13.7057	13.5738	0.0020	0.0164	0.0160	2.50	PASS

Test Band: 26b 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	4.0872	12.1632	2.5047	0.0049	0.0145	0.0030	2.50	PASS
				NV	10.2518	1.7129	3.4993	0.0124	0.0020	0.0041	2.50	PASS
				HV	3.5644	9.2392	14.0870	0.0043	0.0110	0.0167	2.50	PASS
16QAM	50	0	NT	LV	6.5234	13.8739	11.9605	0.0079	0.0166	0.0142	2.50	PASS
				NV	7.4280	10.1066	14.4952	0.0090	0.0121	0.0172	2.50	PASS
				HV	0.3123	3.8845	12.9212	0.0004	0.0046	0.0153	2.50	PASS

Test Band: 26b 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	8.4492	9.6657	12.2310	0.0102	0.0116	0.0145	2.50	PASS
				-20.00	7.6176	5.9497	5.2030	0.0092	0.0071	0.0062	2.50	PASS
				-10.00	3.7084	13.6421	1.2806	0.0045	0.0163	0.0015	2.50	PASS
				0.00	8.4388	12.2670	2.9477	0.0102	0.0147	0.0035	2.50	PASS
				10.00	14.1278	10.8150	8.0038	0.0170	0.0129	0.0095	2.50	PASS
				20.00	11.6649	6.1581	6.0639	0.0141	0.0074	0.0072	2.50	PASS
				30.00	10.7573	6.0519	8.8890	0.0130	0.0072	0.0105	2.50	PASS
				40.00	4.7820	11.0384	9.3703	0.0058	0.0132	0.0111	2.50	PASS
				50.00	1.1124	1.1688	7.6371	0.0013	0.0014	0.0090	2.50	PASS
16QAM	50	0	NV	-30.00	1.5887	2.7505	1.9893	0.0019	0.0033	0.0024	2.50	PASS
				-20.00	12.5828	0.7126	9.2302	0.0152	0.0009	0.0109	2.50	PASS
				-10.00	12.6276	7.9737	2.3555	0.0152	0.0095	0.0028	2.50	PASS
				0.00	9.7601	12.4392	2.2392	0.0118	0.0149	0.0027	2.50	PASS
				10.00	1.8124	6.8537	7.5433	0.0022	0.0082	0.0089	2.50	PASS
				20.00	2.1101	6.7681	2.0001	0.0025	0.0081	0.0024	2.50	PASS
				30.00	12.2062	14.2222	11.3092	0.0147	0.0170	0.0134	2.50	PASS
				40.00	1.6670	3.2312	5.1329	0.0020	0.0039	0.0061	2.50	PASS
				50.00	1.3057	5.1826	1.6565	0.0016	0.0062	0.0020	2.50	PASS

Test Band: 26c 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	8.5524	0.5008	12.2065	0.0104	0.0006	0.0145	2.50	PASS
				NV	13.4679	7.3137	2.7633	0.0164	0.0088	0.0033	2.50	PASS
				HV	11.4308	5.6060	0.2663	0.0139	0.0067	0.0003	2.50	PASS
16QAM	75	0	NT	LV	1.9768	9.0844	8.9290	0.0024	0.0109	0.0106	2.50	PASS
				NV	3.1842	4.2623	13.8504	0.0039	0.0051	0.0165	2.50	PASS
				HV	9.8820	5.2215	6.7138	0.0120	0.0063	0.0080	2.50	PASS

Test Band: 26c 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-30.00	9.9873	9.1587	11.9395	0.0122	0.0110	0.0142	2.50	PASS
				-20.00	1.6907	2.1513	2.6256	0.0021	0.0026	0.0031	2.50	PASS
				-10.00	3.9665	14.3655	5.5648	0.0048	0.0173	0.0066	2.50	PASS
				0.00	9.8834	2.2425	0.9499	0.0120	0.0027	0.0011	2.50	PASS
				10.00	12.5409	0.8644	11.7746	0.0153	0.0010	0.0140	2.50	PASS
				20.00	11.5284	9.4977	0.2541	0.0140	0.0114	0.0003	2.50	PASS
				30.00	8.1305	5.4680	9.8071	0.0099	0.0066	0.0117	2.50	PASS
				40.00	3.8776	1.8048	1.8683	0.0047	0.0022	0.0022	2.50	PASS
				50.00	5.4358	4.1884	8.1020	0.0066	0.0050	0.0096	2.50	PASS
16QAM	75	0	NV	-30.00	6.0758	1.9433	14.0900	0.0074	0.0023	0.0167	2.50	PASS
				-20.00	0.3553	0.1396	10.0231	0.0004	0.0002	0.0119	2.50	PASS
				-10.00	2.6326	7.8917	3.9861	0.0032	0.0095	0.0047	2.50	PASS
				0.00	11.9030	8.2849	6.0327	0.0145	0.0100	0.0072	2.50	PASS
				10.00	9.7444	3.4080	14.1902	0.0119	0.0041	0.0169	2.50	PASS
				20.00	12.9821	7.8918	3.6945	0.0158	0.0095	0.0044	2.50	PASS
				30.00	12.0655	6.1207	7.6841	0.0147	0.0074	0.0091	2.50	PASS
				40.00	14.9158	12.3224	10.7482	0.0182	0.0148	0.0128	2.50	PASS
				50.00	2.5757	12.8404	2.7801	0.0031	0.0154	0.0033	2.50	PASS

Test Band: 38 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	6.9399	8.0539	14.9117	0.0027	0.0031	0.0057	2.50	PASS
				NV	7.7029	6.0422	2.9441	0.0030	0.0023	0.0011	2.50	PASS
				HV	9.6530	10.5535	8.9639	0.0038	0.0041	0.0034	2.50	PASS
16QAM	25	0	NT	LV	12.4322	3.4582	8.7384	0.0048	0.0013	0.0033	2.50	PASS
				NV	10.9648	0.6949	6.8872	0.0043	0.0003	0.0026	2.50	PASS
				HV	14.7475	6.6297	0.1526	0.0057	0.0026	0.0001	2.50	PASS

Test Band: 38 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	12.4072	1.1864	13.6042	0.0048	0.0005	0.0052	2.50	PASS
				-20.00	10.8022	0.9404	7.6118	0.0042	0.0004	0.0029	2.50	PASS
				-10.00	2.4154	3.9420	3.5114	0.0009	0.0015	0.0013	2.50	PASS
				0.00	14.3095	0.6878	1.4613	0.0056	0.0003	0.0006	2.50	PASS
				10.00	10.8598	11.7591	8.0137	0.0042	0.0045	0.0031	2.50	PASS
				20.00	0.4957	4.0347	12.2700	0.0002	0.0016	0.0047	2.50	PASS
				30.00	6.4334	5.2693	12.3155	0.0025	0.0020	0.0047	2.50	PASS
				40.00	2.2207	13.6383	4.8683	0.0009	0.0053	0.0019	2.50	PASS
				50.00	11.2314	10.1157	5.6314	0.0044	0.0039	0.0022	2.50	PASS

16QAM	25	0	NV	-30.00	7.6391	1.0435	0.7544	0.0030	0.0004	0.0003	2.50	PASS
				-20.00	1.4497	7.0818	8.0671	0.0006	0.0027	0.0031	2.50	PASS
				-10.00	3.1550	5.3146	3.1774	0.0012	0.0020	0.0012	2.50	PASS
				0.00	7.8897	12.7221	13.7770	0.0031	0.0049	0.0053	2.50	PASS
				10.00	14.1618	2.8723	1.1166	0.0055	0.0011	0.0004	2.50	PASS
				20.00	12.4950	13.7348	8.1513	0.0049	0.0053	0.0031	2.50	PASS
				30.00	4.1584	10.8079	10.9794	0.0016	0.0042	0.0042	2.50	PASS
				40.00	1.1063	14.6652	8.2273	0.0004	0.0057	0.0031	2.50	PASS
				50.00	13.5762	4.4981	11.7651	0.0053	0.0017	0.0045	2.50	PASS

Test Band: 38 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	9.5773	0.5275	7.8674	0.0037	0.0002	0.0030	2.50	PASS
				NV	0.2011	1.8510	13.6348	0.0001	0.0007	0.0052	2.50	PASS
				HV	12.8609	3.7946	7.8197	0.0050	0.0015	0.0030	2.50	PASS
16QAM	50	0	NT	LV	11.6225	10.6740	7.1425	0.0045	0.0041	0.0027	2.50	PASS
				NV	3.3195	10.0647	2.9154	0.0013	0.0039	0.0011	2.50	PASS
				HV	3.5077	13.1460	8.1644	0.0014	0.0051	0.0031	2.50	PASS

Test Band: 38 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	3.4868	2.9681	6.1803	0.0014	0.0011	0.0024	2.50	PASS
				-20.00	3.8809	10.4265	14.3904	0.0015	0.0040	0.0055	2.50	PASS
				-10.00	13.7427	10.9449	5.5601	0.0053	0.0042	0.0021	2.50	PASS
				0.00	5.0000	8.9185	7.0827	0.0019	0.0034	0.0027	2.50	PASS
				10.00	4.8704	10.0820	8.4082	0.0019	0.0039	0.0032	2.50	PASS
				20.00	12.2212	1.2689	3.7573	0.0047	0.0005	0.0014	2.50	PASS
				30.00	5.6277	1.9941	13.2691	0.0022	0.0008	0.0051	2.50	PASS
				40.00	5.0949	8.0859	4.6699	0.0020	0.0031	0.0018	2.50	PASS
				50.00	6.0684	6.9445	12.0842	0.0024	0.0027	0.0046	2.50	PASS
16QAM	50	0	NV	-30.00	7.6421	11.3292	1.8982	0.0030	0.0044	0.0007	2.50	PASS
				-20.00	0.4381	5.0213	11.6797	0.0002	0.0019	0.0045	2.50	PASS
				-10.00	12.4598	14.1609	4.4886	0.0048	0.0055	0.0017	2.50	PASS
				0.00	9.8398	13.6657	2.9757	0.0038	0.0053	0.0011	2.50	PASS
				10.00	9.4453	4.9097	0.8865	0.0037	0.0019	0.0003	2.50	PASS
				20.00	5.6391	13.0986	6.5835	0.0022	0.0050	0.0025	2.50	PASS
				30.00	10.9959	3.1391	10.3622	0.0043	0.0012	0.0040	2.50	PASS
				40.00	3.6604	11.3821	1.8592	0.0014	0.0044	0.0007	2.50	PASS
				50.00	5.8101	7.4306	10.9266	0.0023	0.0029	0.0042	2.50	PASS

Test Band: 38 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	3.3029	0.3674	4.4884	0.0013	0.0001	0.0017	2.50	PASS
				NV	2.8987	11.2165	0.1532	0.0011	0.0043	0.0001	2.50	PASS
				HV	8.0054	14.2181	14.1754	0.0031	0.0055	0.0054	2.50	PASS
16QAM	75	0	NT	LV	6.8271	0.7414	11.8778	0.0026	0.0003	0.0045	2.50	PASS
				NV	6.8155	1.0889	13.9502	0.0026	0.0004	0.0053	2.50	PASS
				HV	3.3335	1.7487	10.0616	0.0013	0.0007	0.0039	2.50	PASS

Test Band: 38 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-30.00	4.8288	8.0319	1.0086	0.0019	0.0031	0.0004	2.50	PASS
				-20.00	5.0396	11.7629	4.8468	0.0020	0.0045	0.0019	2.50	PASS
				-10.00	8.1550	5.0395	1.3788	0.0032	0.0019	0.0005	2.50	PASS
				0.00	8.6988	11.3028	6.1844	0.0034	0.0044	0.0024	2.50	PASS
				10.00	4.1999	10.0139	9.1996	0.0016	0.0039	0.0035	2.50	PASS
				20.00	7.2885	1.7125	3.6282	0.0028	0.0007	0.0014	2.50	PASS
				30.00	7.8125	3.4852	1.3638	0.0030	0.0013	0.0005	2.50	PASS
				40.00	3.3440	12.2375	0.4755	0.0013	0.0047	0.0002	2.50	PASS
				50.00	11.3525	6.2091	2.7931	0.0044	0.0024	0.0011	2.50	PASS
16QAM	75	0	NV	-30.00	13.4157	9.6381	1.4839	0.0052	0.0037	0.0006	2.50	PASS
				-20.00	8.4172	3.5303	5.3132	0.0033	0.0014	0.0020	2.50	PASS
				-10.00	7.1326	4.1140	1.7775	0.0028	0.0016	0.0007	2.50	PASS
				0.00	2.3512	9.4223	11.5744	0.0009	0.0036	0.0044	2.50	PASS
				10.00	7.4106	5.4745	9.8849	0.0029	0.0021	0.0038	2.50	PASS
				20.00	9.3003	6.0929	4.8018	0.0036	0.0023	0.0018	2.50	PASS
				30.00	2.2573	14.2779	2.3941	0.0009	0.0055	0.0009	2.50	PASS
				40.00	4.3303	4.9639	11.5005	0.0017	0.0019	0.0044	2.50	PASS
				50.00	1.4226	9.6367	8.4091	0.0006	0.0037	0.0032	2.50	PASS

Test Band: 38 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	0.2584	6.3205	5.6322	0.0001	0.0024	0.0022	2.50	PASS
				NV	8.4003	6.1449	7.3995	0.0033	0.0024	0.0028	2.50	PASS
				HV	10.2083	3.0984	8.8870	0.0040	0.0012	0.0034	2.50	PASS
16QAM	100	0	NT	LV	2.4073	0.8696	10.2454	0.0009	0.0003	0.0039	2.50	PASS
				NV	0.9141	14.4860	3.1502	0.0004	0.0056	0.0012	2.50	PASS
				HV	9.2249	7.9371	8.0386	0.0036	0.0031	0.0031	2.50	PASS

Test Band: 38 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-30.00	2.5643	6.5091	8.5281	0.0010	0.0025	0.0033	2.50	PASS
				-20.00	5.1665	3.9285	14.2379	0.0020	0.0015	0.0055	2.50	PASS
				-10.00	5.8945	11.1292	14.6269	0.0023	0.0043	0.0056	2.50	PASS
				0.00	2.5963	6.4095	10.5533	0.0010	0.0025	0.0040	2.50	PASS
				10.00	12.6388	8.0978	1.1759	0.0049	0.0031	0.0005	2.50	PASS
				20.00	4.1109	8.3207	0.1389	0.0016	0.0032	0.0001	2.50	PASS
				30.00	14.6514	6.3347	2.0573	0.0057	0.0024	0.0008	2.50	PASS
				40.00	11.4418	12.9195	11.3806	0.0044	0.0050	0.0044	2.50	PASS
				50.00	9.0865	11.8332	14.4371	0.0035	0.0046	0.0055	2.50	PASS
16QAM	100	0	NV	-30.00	14.7366	3.9296	6.5386	0.0057	0.0015	0.0025	2.50	PASS
				-20.00	14.1336	3.5619	13.0899	0.0055	0.0014	0.0050	2.50	PASS
				-10.00	6.5651	12.8991	3.7992	0.0025	0.0050	0.0015	2.50	PASS
				0.00	8.6833	5.3040	13.4731	0.0034	0.0020	0.0052	2.50	PASS
				10.00	7.6756	9.6919	1.7089	0.0030	0.0037	0.0007	2.50	PASS
				20.00	8.3426	5.6622	1.4143	0.0032	0.0022	0.0005	2.50	PASS
				30.00	5.4705	11.8948	12.4228	0.0021	0.0046	0.0048	2.50	PASS
				40.00	4.0407	13.7830	7.9300	0.0016	0.0053	0.0030	2.50	PASS
				50.00	6.5967	5.7037	5.4560	0.0026	0.0022	0.0021	2.50	PASS

Test Band: 41 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	5.6000	7.1138	9.9692	0.0022	0.0027	0.0038	2.50	PASS
				NV	4.7786	9.0646	6.3764	0.0019	0.0035	0.0024	2.50	PASS
				HV	11.2737	8.9862	9.5658	0.0044	0.0035	0.0036	2.50	PASS
16QAM	25	0	NT	LV	0.6920	11.1512	0.1606	0.0003	0.0043	0.0001	2.50	PASS
				NV	11.8264	8.7174	9.4885	0.0047	0.0034	0.0036	2.50	PASS
				HV	2.9565	1.1026	10.6712	0.0012	0.0004	0.0040	2.50	PASS

Test Band: 41 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	3.6058	13.3802	6.6798	0.0014	0.0052	0.0025	2.50	PASS
				-20.00	11.6862	9.3361	13.1101	0.0046	0.0036	0.0049	2.50	PASS
				-10.00	2.5908	4.0488	2.3163	0.0010	0.0016	0.0009	2.50	PASS
				0.00	7.7876	9.7799	7.1309	0.0031	0.0038	0.0027	2.50	PASS
				10.00	0.4524	4.9106	6.2994	0.0002	0.0019	0.0024	2.50	PASS
				20.00	6.6849	8.9172	5.5887	0.0026	0.0034	0.0021	2.50	PASS
				30.00	3.8722	0.1826	13.4169	0.0015	0.0001	0.0051	2.50	PASS
				40.00	0.9094	12.8258	13.8205	0.0004	0.0049	0.0052	2.50	PASS
				50.00	11.2926	11.4599	4.0373	0.0045	0.0044	0.0015	2.50	PASS
16QAM	25	0	NV	-30.00	11.3430	4.1968	12.2876	0.0045	0.0016	0.0046	2.50	PASS
				-20.00	6.5689	4.2660	4.3068	0.0026	0.0016	0.0016	2.50	PASS
				-10.00	4.8041	2.2450	6.9236	0.0019	0.0009	0.0026	2.50	PASS
				0.00	11.7459	3.8197	5.2269	0.0046	0.0015	0.0020	2.50	PASS
				10.00	2.1477	4.5886	0.5064	0.0008	0.0018	0.0002	2.50	PASS
				20.00	14.2078	3.9527	8.9001	0.0056	0.0015	0.0034	2.50	PASS
				30.00	5.1517	6.0389	2.3767	0.0020	0.0023	0.0009	2.50	PASS
				40.00	12.2584	3.8816	7.2731	0.0048	0.0015	0.0027	2.50	PASS
				50.00	11.0877	14.6760	14.6669	0.0044	0.0057	0.0055	2.50	PASS

Test Band: 41 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	1.9319	6.7325	9.1642	0.0008	0.0026	0.0035	2.50	PASS
				NV	6.9288	7.4626	12.4577	0.0027	0.0029	0.0047	2.50	PASS
				HV	11.0917	6.5069	6.3422	0.0044	0.0025	0.0024	2.50	PASS
16QAM	50	0	NT	LV	13.3004	14.1266	12.1113	0.0052	0.0054	0.0046	2.50	PASS
				NV	0.0798	13.0930	6.7355	0.0000	0.0050	0.0025	2.50	PASS
				HV	5.2713	0.9423	10.7380	0.0021	0.0004	0.0041	2.50	PASS

Test Band: 41 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	13.8434	3.7593	7.4066	0.0055	0.0014	0.0028	2.50	PASS
				-20.00	10.8772	9.2956	4.2123	0.0043	0.0036	0.0016	2.50	PASS
				-10.00	13.2788	13.6784	9.8339	0.0052	0.0053	0.0037	2.50	PASS
				0.00	10.6211	13.9939	11.4255	0.0042	0.0054	0.0043	2.50	PASS
				10.00	12.7533	9.0280	6.3613	0.0050	0.0035	0.0024	2.50	PASS
				20.00	6.6755	0.1083	12.8321	0.0026	0.0000	0.0048	2.50	PASS
				30.00	8.5765	8.8035	6.7362	0.0034	0.0034	0.0025	2.50	PASS
				40.00	6.7401	4.4180	14.8984	0.0027	0.0017	0.0056	2.50	PASS
				50.00	9.1157	5.6256	7.1516	0.0036	0.0022	0.0027	2.50	PASS

16QAM	50	0	NV	-30.00	4.3262	10.8397	2.2678	0.0017	0.0042	0.0009	2.50	PASS
				-20.00	11.3831	4.2770	1.7585	0.0045	0.0016	0.0007	2.50	PASS
				-10.00	8.0695	14.0369	2.3687	0.0032	0.0054	0.0009	2.50	PASS
				0.00	5.4328	10.6155	8.7717	0.0021	0.0041	0.0033	2.50	PASS
				10.00	7.7550	10.9232	5.0757	0.0031	0.0042	0.0019	2.50	PASS
				20.00	10.1811	6.9356	12.1616	0.0040	0.0027	0.0046	2.50	PASS
				30.00	14.4575	10.7392	14.8960	0.0057	0.0041	0.0056	2.50	PASS
				40.00	8.0141	6.5299	7.7574	0.0032	0.0025	0.0029	2.50	PASS
				50.00	7.6695	1.8274	0.3503	0.0030	0.0007	0.0001	2.50	PASS

Test Band: 41 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	11.6792	8.0574	13.1473	0.0046	0.0031	0.0050	2.50	PASS
				NV	0.2508	6.4906	7.2384	0.0001	0.0025	0.0027	2.50	PASS
				HV	2.0530	2.8530	2.8922	0.0008	0.0011	0.0011	2.50	PASS
16QAM	75	0	NT	LV	6.2447	12.0712	5.1379	0.0025	0.0047	0.0019	2.50	PASS
				NV	4.2957	11.8541	13.9506	0.0017	0.0046	0.0053	2.50	PASS
				HV	5.1389	10.7153	8.4112	0.0020	0.0041	0.0032	2.50	PASS

Test Band: 41 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-30.00	7.5701	13.8645	13.3249	0.0030	0.0053	0.0050	2.50	PASS
				-20.00	7.0226	14.4633	10.9210	0.0028	0.0056	0.0041	2.50	PASS
				-10.00	8.1643	3.4246	6.3649	0.0032	0.0013	0.0024	2.50	PASS
				0.00	12.2017	13.3392	13.6014	0.0048	0.0051	0.0051	2.50	PASS
				10.00	9.8872	9.6498	7.7744	0.0039	0.0037	0.0029	2.50	PASS
				20.00	8.7304	9.1010	3.6648	0.0034	0.0035	0.0014	2.50	PASS
				30.00	6.1796	9.3265	12.1412	0.0024	0.0036	0.0046	2.50	PASS
				40.00	13.9429	11.4398	12.3272	0.0055	0.0044	0.0047	2.50	PASS
				50.00	14.2005	1.2625	0.7700	0.0056	0.0005	0.0003	2.50	PASS
16QAM	75	0	NV	-30.00	12.3085	10.1127	8.3958	0.0048	0.0039	0.0032	2.50	PASS
				-20.00	7.7741	0.9458	3.0785	0.0031	0.0004	0.0012	2.50	PASS
				-10.00	7.8981	13.5304	1.9769	0.0031	0.0052	0.0007	2.50	PASS
				0.00	6.8501	11.7474	4.7741	0.0027	0.0045	0.0018	2.50	PASS
				10.00	10.4456	2.4833	4.7851	0.0041	0.0010	0.0018	2.50	PASS
				20.00	12.1062	9.3952	8.2446	0.0048	0.0036	0.0031	2.50	PASS
				30.00	9.5578	0.5409	14.6257	0.0038	0.0002	0.0055	2.50	PASS
				40.00	13.4457	0.7854	13.4954	0.0053	0.0003	0.0051	2.50	PASS
				50.00	13.1808	10.9390	5.2554	0.0052	0.0042	0.0020	2.50	PASS

Test Band: 41 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	5.0279	8.4344	13.1277	0.0020	0.0033	0.0050	2.50	PASS
				NV	7.5735	1.2718	2.9941	0.0030	0.0005	0.0011	2.50	PASS
				HV	9.2341	14.4041	9.0505	0.0036	0.0056	0.0034	2.50	PASS
16QAM	100	0	NT	LV	6.5029	14.2480	3.4382	0.0026	0.0055	0.0013	2.50	PASS
				NV	10.8964	13.0487	6.8012	0.0043	0.0050	0.0026	2.50	PASS
				HV	6.2182	2.8640	9.1354	0.0024	0.0011	0.0035	2.50	PASS

Test Band: 41 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-30.00	12.1655	8.7464	6.2637	0.0048	0.0034	0.0024	2.50	PASS
				-20.00	11.4044	4.6254	0.2346	0.0045	0.0018	0.0001	2.50	PASS
				-10.00	0.8346	0.0881	3.1189	0.0003	0.0000	0.0012	2.50	PASS
				0.00	14.1331	2.1570	8.8744	0.0056	0.0008	0.0034	2.50	PASS
				10.00	6.9458	3.1819	11.6663	0.0027	0.0012	0.0044	2.50	PASS
				20.00	2.1540	10.3718	14.6518	0.0008	0.0040	0.0055	2.50	PASS
				30.00	9.4471	14.1603	10.0179	0.0037	0.0055	0.0038	2.50	PASS
				40.00	1.6991	2.0578	3.0501	0.0007	0.0008	0.0012	2.50	PASS
				50.00	7.3275	5.6244	10.4147	0.0029	0.0022	0.0039	2.50	PASS
16QAM	100	0	NV	-30.00	14.1797	4.1952	4.0378	0.0056	0.0016	0.0015	2.50	PASS
				-20.00	8.0207	13.0083	11.3388	0.0032	0.0050	0.0043	2.50	PASS
				-10.00	8.6733	10.5680	2.2882	0.0034	0.0041	0.0009	2.50	PASS
				0.00	10.5360	0.1305	13.2022	0.0041	0.0001	0.0050	2.50	PASS
				10.00	11.4258	2.6740	2.6848	0.0045	0.0010	0.0010	2.50	PASS
				20.00	0.6849	4.5786	14.5676	0.0003	0.0018	0.0055	2.50	PASS
				30.00	2.9987	14.9394	10.1991	0.0012	0.0058	0.0039	2.50	PASS
				40.00	5.2455	0.3447	13.4740	0.0021	0.0001	0.0051	2.50	PASS
				50.00	10.2249	12.2306	5.2652	0.0040	0.0047	0.0020	2.50	PASS

Test Band: 66 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	8.1207	13.2906	0.8032	-0.0012	0	-0.0013	2.50	PASS
				NV	8.7702	9.0345	8.5131	0.002	-0.0042	-0.0064	2.50	PASS
				HV	3.8937	8.8803	8.4263	-0.0072	-0.0059	-0.0069	2.50	PASS
16QAM	6	0	NT	LV	13.0959	12.9035	1.3031	-0.0015	-0.0001	0.0043	2.50	PASS
				NV	4.1821	10.6519	11.0999	-0.0016	-0.0055	0.0015	2.50	PASS
				HV	10.6055	14.4846	6.3629	-0.0053	-0.0025	0.004	2.50	PASS

Test Band: 66 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	1.9089	4.8787	14.7009	-0.0046	0.0004	0.0019	2.50	PASS
				-20.00	0.9550	10.1600	1.8931	-0.0039	-0.0079	-0.0102	2.50	PASS
				-10.00	14.8664	12.3920	0.9277	-0.004	-0.007	-0.0079	2.50	PASS
				0.00	2.1433	10.2731	7.5425	-0.0058	-0.0032	-0.0056	2.50	PASS
				10.00	1.3304	12.6554	14.9038	0.0009	-0.004	-0.0078	2.50	PASS
				20.00	14.4046	2.1493	9.6135	-0.0021	-0.0053	-0.0043	2.50	PASS
				30.00	7.4639	6.1469	10.0917	0.0015	-0.0056	-0.0045	2.50	PASS
				40.00	6.2089	6.2891	5.4606	-0.0053	-0.0032	-0.0048	2.50	PASS
				50.00	12.1416	11.9550	1.6393	-0.0054	-0.0028	-0.0022	2.50	PASS
16QAM	6	0	NV	-30.00	5.4591	9.6426	0.5430	-0.0019	-0.0035	-0.0086	2.50	PASS
				-20.00	1.8138	5.5011	14.4716	-0.004	-0.0054	-0.0036	2.50	PASS
				-10.00	7.6153	4.9834	10.9507	-0.0084	-0.0007	-0.0047	2.50	PASS
				0.00	0.4014	6.6835	9.1726	-0.0049	-0.0031	-0.0019	2.50	PASS
				10.00	10.4268	9.5816	0.6642	-0.007	-0.0038	-0.0005	2.50	PASS
				20.00	11.2934	12.6966	1.1911	-0.0057	-0.0008	0.0036	2.50	PASS
				30.00	5.7261	8.6114	7.8336	-0.0032	-0.0041	0.0006	2.50	PASS
				40.00	0.0901	2.8079	12.1024	-0.0016	-0.0014	-0.0068	2.50	PASS
				50.00	12.4366	13.5625	8.7545	-0.0009	0.0005	-0.0029	2.50	PASS

Test Band: 66 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	0.2805	0.4063	7.7875	-0.0001	-0.0016	-0.0023	2.50	PASS
				NV	4.0298	9.2263	3.1021	-0.0063	-0.0046	-0.005	2.50	PASS
				HV	5.1013	1.5165	9.2998	-0.0039	-0.0004	-0.005	2.50	PASS
16QAM	15	0	NT	LV	2.7977	11.9456	14.7292	-0.0091	-0.0018	-0.0024	2.50	PASS
				NV	1.6506	4.0421	11.8518	-0.0063	-0.0013	-0.0005	2.50	PASS
				HV	14.6917	4.9201	6.3020	-0.0079	-0.0009	0.004	2.50	PASS

Test Band: 66 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	1.9564	13.7335	12.7603	-0.0071	-0.0006	-0.0018	2.50	PASS
				-20.00	7.2689	13.2720	6.0886	-0.006	-0.006	-0.0089	2.50	PASS
				-10.00	3.0416	12.8511	4.6620	-0.0042	-0.001	-0.0031	2.50	PASS
				0.00	2.6290	3.4400	10.0482	-0.0027	-0.0051	-0.0005	2.50	PASS
				10.00	0.9057	10.5855	2.5893	-0.007	-0.0078	-0.0056	2.50	PASS
				20.00	5.9674	2.0477	14.1525	-0.0033	-0.0041	-0.0047	2.50	PASS
				30.00	0.6305	3.0074	9.5172	0.0007	-0.0083	-0.0029	2.50	PASS
				40.00	2.5694	3.7504	3.3263	-0.0054	-0.0032	0	2.50	PASS
				50.00	4.7233	11.0385	5.7032	-0.0049	-0.001	-0.0023	2.50	PASS
16QAM	15	0	NV	-30.00	6.9417	5.2280	7.1843	-0.007	-0.003	-0.004	2.50	PASS
				-20.00	1.7716	6.9644	2.5795	-0.0019	-0.0036	-0.0074	2.50	PASS
				-10.00	9.7063	8.9798	7.5079	-0.0042	-0.0072	-0.0062	2.50	PASS
				0.00	8.5933	8.0198	1.4500	-0.0044	-0.0028	-0.0064	2.50	PASS
				10.00	9.6455	7.1377	1.0840	-0.004	-0.0022	-0.0073	2.50	PASS
				20.00	12.0496	2.0500	9.6288	-0.0054	-0.0018	-0.0044	2.50	PASS
				30.00	14.6547	1.7878	14.9022	-0.0016	-0.0083	-0.0046	2.50	PASS
				40.00	13.2714	13.2122	11.7233	-0.0042	-0.0038	-0.0033	2.50	PASS
				50.00	10.2405	13.1214	12.5274	-0.0024	-0.0021	-0.006	2.50	PASS

Test Band: 66 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	14.9146	14.7907	8.0899	-0.0028	-0.004	0.0045	2.50	PASS
				NV	1.0771	8.3460	10.1965	-0.0038	-0.0037	-0.0014	2.50	PASS
				HV	0.7575	5.7532	2.1942	-0.0006	-0.0055	-0.0006	2.50	PASS
16QAM	25	0	NT	LV	9.0009	14.7980	5.1888	-0.0051	-0.0024	-0.0011	2.50	PASS
				NV	2.8566	14.7125	6.9727	-0.0051	-0.0017	-0.0046	2.50	PASS
				HV	8.5675	5.2518	0.0431	-0.0043	-0.004	-0.0062	2.50	PASS

Test Band: 66 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	6.3502	4.3382	3.7012	-0.0015	-0.0049	-0.0025	2.50	PASS
				-20.00	7.7860	4.1045	5.1943	-0.0026	-0.0022	-0.0037	2.50	PASS
				-10.00	8.3589	4.3503	6.2776	-0.0044	-0.0056	0.001	2.50	PASS
				0.00	9.1369	14.7502	13.9015	-0.0002	-0.0056	-0.0023	2.50	PASS
				10.00	12.6330	11.9611	9.1385	-0.0009	-0.0043	-0.0014	2.50	PASS
				20.00	5.8218	7.5910	11.0513	-0.0048	-0.0043	0.0026	2.50	PASS
				30.00	4.5785	13.4959	12.3028	0	-0.0027	-0.0001	2.50	PASS
				40.00	0.7833	13.6012	10.6043	-0.002	0.0036	-0.0058	2.50	PASS
				50.00	11.6419	14.6654	14.6326	-0.003	-0.0047	-0.0023	2.50	PASS

16QAM	25	0	NV	-30.00	1.1322	0.9913	2.2980	-0.0044	-0.004	-0.0029	2.50	PASS
				-20.00	8.6498	7.9095	8.3233	-0.0043	-0.0022	-0.0013	2.50	PASS
				-10.00	11.1501	0.1330	7.2603	-0.0019	-0.0056	-0.0013	2.50	PASS
				0.00	10.5916	7.0784	2.9284	-0.0018	-0.0025	-0.0027	2.50	PASS
				10.00	7.2076	4.7640	6.5689	-0.001	-0.0036	-0.0026	2.50	PASS
				20.00	5.0987	14.9215	13.8872	-0.0036	-0.0039	0.0038	2.50	PASS
				30.00	13.2627	10.3879	13.1978	-0.0029	-0.0032	-0.0035	2.50	PASS
				40.00	12.2461	13.9163	2.3468	-0.0025	-0.0051	-0.0015	2.50	PASS
				50.00	10.9875	7.7842	7.8647	-0.0032	-0.0047	-0.0049	2.50	PASS

Test Band: 66 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	2.4229	7.0664	1.0588	-0.0035	0.0036	-0.0018	2.50	PASS
				NV	4.1436	13.9920	0.8322	-0.0036	-0.0001	-0.0017	2.50	PASS
				HV	4.1048	13.9754	2.8380	-0.0019	0	-0.0015	2.50	PASS
16QAM	50	0	NT	LV	0.6978	3.5688	5.7499	-0.0017	-0.002	-0.0008	2.50	PASS
				NV	0.9879	8.2509	10.7737	-0.0042	0.001	-0.0025	2.50	PASS
				HV	1.1586	0.3140	9.5726	-0.0044	0.0013	-0.0026	2.50	PASS

Test Band: 66 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	13.2213	2.7767	6.9210	-0.0028	-0.0002	-0.0034	2.50	PASS
				-20.00	1.0994	5.3601	13.3713	-0.004	-0.0003	-0.0011	2.50	PASS
				-10.00	7.7394	6.0406	12.2296	-0.0037	-0.0001	-0.001	2.50	PASS
				0.00	7.5340	6.5418	10.0524	-0.0021	-0.0036	0.0007	2.50	PASS
				10.00	12.6491	9.7641	8.2125	-0.0021	-0.0018	-0.0022	2.50	PASS
				20.00	4.9536	9.5203	5.3715	-0.0042	-0.003	-0.0034	2.50	PASS
				30.00	13.9004	7.9672	14.9861	-0.0042	-0.0021	-0.0033	2.50	PASS
				40.00	1.5088	4.7638	13.8438	-0.0028	-0.0019	-0.0006	2.50	PASS
				50.00	3.6292	9.4726	5.4091	-0.0026	0.0025	-0.0038	2.50	PASS
16QAM	50	0	NV	-30.00	7.1884	8.6111	12.1131	-0.0064	-0.0035	-0.0031	2.50	PASS
				-20.00	1.6815	2.3185	10.8212	-0.0043	-0.0016	-0.0038	2.50	PASS
				-10.00	8.9105	13.1784	6.5261	-0.0039	-0.0011	-0.007	2.50	PASS
				0.00	6.4171	14.7498	9.7350	-0.0058	-0.0036	-0.0016	2.50	PASS
				10.00	14.4363	9.6074	2.2615	-0.0032	-0.0041	-0.0033	2.50	PASS
				20.00	13.5093	13.3218	11.3144	-0.0039	-0.003	-0.0054	2.50	PASS
				30.00	12.8676	10.5424	14.5339	-0.0038	-0.0046	-0.0038	2.50	PASS
				40.00	3.3130	3.9682	12.5913	-0.0047	-0.0009	-0.0021	2.50	PASS
				50.00	1.9612	8.8454	1.2078	-0.0044	-0.0023	0.0001	2.50	PASS

Test Band: 66 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	9.2584	13.8787	5.1627	-0.0031	-0.0003	-0.0023	2.50	PASS
				NV	7.9787	5.4414	6.8945	-0.0026	-0.0034	-0.0041	2.50	PASS
				HV	13.6572	14.6568	14.1957	-0.0039	-0.0044	-0.0018	2.50	PASS
16QAM	75	0	NT	LV	10.6355	4.3523	12.5669	-0.0077	-0.001	-0.0005	2.50	PASS
				NV	2.0990	4.4649	7.5147	-0.0044	-0.0048	-0.0033	2.50	PASS
				HV	10.3331	2.8477	13.9358	-0.0091	-0.0016	-0.0011	2.50	PASS

Test Band: 66 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-30.00	14.0113	4.4914	2.4284	-0.0053	-0.0022	-0.0026	2.50	PASS
				-20.00	3.5581	12.4501	7.4536	-0.0056	-0.0022	0.0001	2.50	PASS
				-10.00	4.5092	5.8910	3.0736	-0.0052	-0.0035	-0.0007	2.50	PASS
				0.00	3.2558	0.4642	10.0396	-0.0026	-0.0017	-0.0017	2.50	PASS
				10.00	6.8700	0.6517	3.6960	-0.0011	-0.0029	0.0001	2.50	PASS
				20.00	1.2367	1.8181	14.3479	-0.0034	-0.002	-0.003	2.50	PASS
				30.00	1.2956	12.6689	2.8507	-0.0014	-0.0034	-0.0012	2.50	PASS
				40.00	7.8371	8.8823	9.0072	-0.0042	-0.0047	-0.0001	2.50	PASS
				50.00	9.9502	8.3895	14.5373	-0.0038	-0.0008	-0.0015	2.50	PASS
16QAM	75	0	NV	-30.00	12.5364	7.8189	4.0710	-0.0055	-0.0009	-0.0021	2.50	PASS
				-20.00	0.8256	12.6327	12.2367	-0.0012	-0.0019	-0.0009	2.50	PASS
				-10.00	0.8455	5.8312	4.1089	-0.0028	-0.0016	0.0016	2.50	PASS
				0.00	4.4798	3.9397	7.4587	-0.0013	-0.0024	-0.0006	2.50	PASS
				10.00	12.0818	10.7661	10.2628	-0.0009	-0.0022	-0.002	2.50	PASS
				20.00	2.2033	5.6715	3.9860	-0.0036	-0.0027	-0.0003	2.50	PASS
				30.00	6.3888	3.9149	6.5521	-0.0042	-0.0004	-0.0013	2.50	PASS
				40.00	14.9422	9.2452	9.8481	-0.0046	-0.0025	-0.0043	2.50	PASS
				50.00	14.2154	12.9681	13.0828	-0.0018	-0.0024	-0.0017	2.50	PASS

Test Band: 66 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	9.0955	10.7464	11.0792	-0.0065	-0.0022	-0.0005	2.50	PASS
				NV	3.5961	6.1276	12.3347	-0.0064	-0.0052	-0.0037	2.50	PASS
				HV	8.0272	0.0169	12.5051	-0.0037	-0.0023	-0.0016	2.50	PASS
16QAM	100	0	NT	LV	1.5369	14.0578	7.8043	-0.0006	-0.0041	-0.0029	2.50	PASS
				NV	5.4014	2.5672	0.0440	-0.0019	-0.0043	-0.001	2.50	PASS
				HV	11.2228	3.2092	3.8094	-0.0024	-0.004	-0.0038	2.50	PASS

Test Band: 66 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-30.00	12.0256	9.4471	0.3790	-0.0038	-0.0054	-0.0045	2.50	PASS
				-20.00	10.6927	7.0793	2.5497	-0.0046	-0.0049	-0.0033	2.50	PASS
				-10.00	13.6589	3.6045	5.7282	-0.0037	-0.0031	-0.0007	2.50	PASS
				0.00	2.2050	1.1793	2.9110	-0.0071	-0.0053	-0.0033	2.50	PASS
				10.00	9.4690	5.3804	9.0498	-0.0039	-0.0028	-0.0012	2.50	PASS
				20.00	12.8885	14.5464	4.7750	-0.0016	-0.0034	-0.0013	2.50	PASS
				30.00	12.7473	2.9205	8.2299	-0.0024	-0.0051	-0.0011	2.50	PASS
				40.00	0.8790	3.7725	2.3146	-0.004	-0.003	-0.0009	2.50	PASS
				50.00	10.6617	3.0434	11.5123	-0.0035	-0.0016	-0.0045	2.50	PASS
16QAM	100	0	NV	-30.00	13.0739	5.4289	11.2311	-0.0029	-0.0029	-0.0037	2.50	PASS
				-20.00	10.7273	5.0229	8.1690	-0.0016	-0.0021	-0.0015	2.50	PASS
				-10.00	1.5087	4.5660	6.7069	-0.0043	-0.0046	-0.0017	2.50	PASS
				0.00	9.3381	3.3651	6.0565	-0.0054	-0.0022	-0.0007	2.50	PASS
				10.00	2.6797	14.0209	6.9783	-0.0026	-0.0033	-0.0055	2.50	PASS
				20.00	14.9873	10.1574	6.4516	-0.0052	-0.0054	-0.0002	2.50	PASS
				30.00	9.3492	10.9758	10.0931	-0.0013	-0.0034	-0.0045	2.50	PASS
				40.00	0.3728	13.8729	9.4794	-0.0065	-0.0031	0.0012	2.50	PASS
				50.00	6.7213	4.0931	14.5388	-0.0035	-0.0042	-0.0037	2.50	PASS