

Appendix C-4G Frequency Stability

Band	Freq (MHz)	Lower Edge (MHz) (Result)	Limit (1850MHz)	Upper Edge(MHz) (Result)	Limit (1910MHz)	Environment
20MHz Bandwidth QPSK						
2	1860/1900	1850.037	1850.000	1909.972	1910.000	20°C/3.6V
2	1860/1900	1850.059	1850.000	1909.956	1910.000	20°C/4.43V
2	1860/1900	1850.128	1850.000	1909.961	1910.000	-30°C/3.86V
2	1860/1900	1850.122	1850.000	1909.986	1910.000	-20°C/3.86V
2	1860/1900	1850.011	1850.000	1909.975	1910.000	-10°C/3.86V
2	1860/1900	1850.083	1850.000	1909.969	1910.000	0°C/3.86V
2	1860/1900	1850.015	1850.000	1909.952	1910.000	10°C/3.86V
2	1860/1900	1850.119	1850.000	1909.961	1910.000	20°C/3.86V
2	1860/1900	1850.159	1850.000	1909.966	1910.000	30°C/3.86V
2	1860/1900	1850.187	1850.000	1909.977	1910.000	40°C/3.86V
2	1860/1900	1850.113	1850.000	1909.958	1910.000	50°C/3.86V
20MHz Bandwidth 16QAM						
2	1860/1900	1850.100	1850.000	1909.987	1910.000	20°C/3.6V
2	1860/1900	1850.148	1850.000	1909.975	1910.000	20°C/4.43V
2	1860/1900	1850.175	1850.000	1909.981	1910.000	-30°C/3.86V
2	1860/1900	1850.158	1850.000	1909.956	1910.000	-20°C/3.86V
2	1860/1900	1850.009	1850.000	1909.969	1910.000	-10°C/3.86V
2	1860/1900	1850.043	1850.000	1909.950	1910.000	0°C/3.86V
2	1860/1900	1850.036	1850.000	1909.954	1910.000	10°C/3.86V
2	1860/1900	1850.079	1850.000	1909.999	1910.000	20°C/3.86V
2	1860/1900	1850.169	1850.000	1909.984	1910.000	30°C/3.86V
2	1860/1900	1850.225	1850.000	1909.968	1910.000	40°C/3.86V
2	1860/1900	1850.103	1850.000	1909.967	1910.000	50°C/3.86V

Band	Freq (MHz)	Lower Edge (MHz) (Result)	Limit (1710MHz)	Upper Edge(MHz) (Result)	Limit (1755MHz)	Environment
20MHz Bandwidth QPSK						
4	1720/1745	1710.143	1710.000	1754.953	1755.000	20°C/3.6V
4	1720/1745	1710.138	1710.000	1754.982	1755.000	20°C/4.43V
4	1720/1745	1710.164	1710.000	1754.987	1755.000	-30°C/3.86V
4	1720/1745	1710.061	1710.000	1754.987	1755.000	-20°C/3.86V
4	1720/1745	1710.128	1710.000	1754.961	1755.000	-10°C/3.86V
4	1720/1745	1710.049	1710.000	1754.989	1755.000	0°C/3.86V
4	1720/1745	1710.119	1710.000	1754.987	1755.000	10°C/3.86V
4	1720/1745	1710.127	1710.000	1754.990	1755.000	20°C/3.86V
4	1720/1745	1710.125	1710.000	1754.972	1755.000	30°C/3.86V
4	1720/1745	1710.228	1710.000	1754.972	1755.000	40°C/3.86V
4	1720/1745	1710.218	1710.000	1754.995	1755.000	50°C/3.86V
20MHz Bandwidth 16QAM						
4	1720/1745	1710.128	1710.000	1754.953	1755.000	20°C/3.6V
4	1720/1745	1710.144	1710.000	1754.982	1755.000	20°C/4.43V
4	1720/1745	1710.211	1710.000	1754.987	1755.000	-30°C/3.86V
4	1720/1745	1710.092	1710.000	1754.987	1755.000	-20°C/3.86V
4	1720/1745	1710.086	1710.000	1754.961	1755.000	-10°C/3.86V
4	1720/1745	1710.059	1710.000	1754.989	1755.000	0°C/3.86V
4	1720/1745	1710.100	1710.000	1754.987	1755.000	10°C/3.86V
4	1720/1745	1710.139	1710.000	1754.990	1755.000	20°C/3.86V
4	1720/1745	1710.143	1710.000	1754.972	1755.000	30°C/3.86V
4	1720/1745	1710.216	1710.000	1754.972	1755.000	40°C/3.86V
4	1720/1745	1710.181	1710.000	1754.995	1755.000	50°C/3.86V

Band 5

Test Modulation:	10MHz QPSK		Test Channel:	836.5MHz	
Test Item	Temperature (°C)	Voltage (V _{DC})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.86	6.74	0.00806	2.5
	-20	3.86	9.49	0.01135	2.5
	-10	3.86	0.38	0.00045	2.5
	0	3.86	3.60	0.00430	2.5
	10	3.86	1.62	0.00193	2.5
	20	3.86	5.33	0.00637	2.5
	30	3.86	6.93	0.00828	2.5
	40	3.86	11.20	0.01339	2.5
	50	3.86	-2.09	-0.00250	2.5
Frequency Stability vs. Voltage	20	3.60	-0.74	-0.00088	2.5
	20	4.43	1.37	0.00164	2.5

Test Modulation:	10MHz 16QAM		Test Channel:	836.5MHz	
Test Item	Temperature (°C)	Voltage (V _{DC})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.86	8.64	0.01033	2.5
	-20	3.86	11.12	0.01329	2.5
	-10	3.86	-3.39	-0.00405	2.5
	0	3.86	3.44	0.00411	2.5
	10	3.86	0.90	0.00108	2.5
	20	3.86	7.95	0.00950	2.5
	30	3.86	9.58	0.01145	2.5
	40	3.86	7.73	0.00924	2.5
	50	3.86	-0.35	-0.00042	2.5
Frequency Stability vs. Voltage	20	3.60	3.07	0.00367	2.5
	20	4.43	2.23	0.00267	2.5

Band	Freq (MHz)	Lower Edge (MHz) (Result)	Limit (2500MHz)	Upper Edge(MHz) (Result)	Limit (2570MHz)	Environment
20MHz Bandwidth QPSK						
7	2510/2560	2500.157	2500.000	2569.967	2570.000	20°C/3.6V
7	2510/2560	2500.103	2500.000	2569.956	2570.000	20°C/4.43V
7	2510/2560	2500.096	2500.000	2569.951	2570.000	-30°C/3.86V
7	2510/2560	2500.088	2500.000	2569.978	2570.000	-20°C/3.86V
7	2510/2560	2500.074	2500.000	2569.961	2570.000	-10°C/3.86V
7	2510/2560	2500.148	2500.000	2569.964	2570.000	0°C/3.86V
7	2510/2560	2500.158	2500.000	2569.998	2570.000	10°C/3.86V
7	2510/2560	2500.097	2500.000	2569.952	2570.000	20°C/3.86V
7	2510/2560	2500.076	2500.000	2569.956	2570.000	30°C/3.86V
7	2510/2560	2500.194	2500.000	2569.952	2570.000	40°C/3.86V
7	2510/2560	2500.187	2500.000	2569.994	2570.000	50°C/3.86V
20MHz Bandwidth 16QAM						
7	2510/2560	2500.159	2500.000	2569.966	2570.000	20°C/3.6V
7	2510/2560	2500.087	2500.000	2569.991	2570.000	20°C/4.43V
7	2510/2560	2500.124	2500.000	2569.965	2570.000	-30°C/3.86V
7	2510/2560	2500.096	2500.000	2569.989	2570.000	-20°C/3.86V
7	2510/2560	2500.021	2500.000	2569.976	2570.000	-10°C/3.86V
7	2510/2560	2500.106	2500.000	2569.952	2570.000	0°C/3.86V
7	2510/2560	2500.205	2500.000	2569.953	2570.000	10°C/3.86V
7	2510/2560	2500.078	2500.000	2569.979	2570.000	20°C/3.86V
7	2510/2560	2500.078	2500.000	2569.957	2570.000	30°C/3.86V
7	2510/2560	2500.200	2500.000	2569.988	2570.000	40°C/3.86V
7	2510/2560	2500.191	2500.000	2569.997	2570.000	50°C/3.86V

Band	Freq (MHz)	Lower Edge (MHz) (Result)	Limit (699MHz)	Upper Edge(MHz) (Result)	Limit (716MHz)	Environment
10MHz Bandwidth QPSK						
12	704/711	699.012	699.000	715.971	716.000	20°C/3.6V
12	704/711	699.047	699.000	715.984	716.000	20°C/4.43V
12	704/711	699.012	699.000	715.953	716.000	-30°C/3.86V
12	704/711	699.048	699.000	715.955	716.000	-20°C/3.86V
12	704/711	699.034	699.000	715.986	716.000	-10°C/3.86V
12	704/711	699.013	699.000	715.968	716.000	0°C/3.86V
12	704/711	699.017	699.000	715.983	716.000	10°C/3.86V
12	704/711	699.048	699.000	715.988	716.000	20°C/3.86V
12	704/711	699.028	699.000	715.995	716.000	30°C/3.86V
12	704/711	699.016	699.000	715.990	716.000	40°C/3.86V
12	704/711	699.044	699.000	715.999	716.000	50°C/3.86V
10MHz Bandwidth 16QAM						
12	704/711	699.048	699.000	715.983	716.000	20°C/3.6V
12	704/711	699.033	699.000	715.953	716.000	20°C/4.43V
12	704/711	699.004	699.000	715.986	716.000	-30°C/3.86V
12	704/711	699.012	699.000	715.956	716.000	-20°C/3.86V
12	704/711	699.047	699.000	715.973	716.000	-10°C/3.86V
12	704/711	699.016	699.000	715.965	716.000	0°C/3.86V
12	704/711	699.033	699.000	715.956	716.000	10°C/3.86V
12	704/711	699.017	699.000	715.980	716.000	20°C/3.86V
12	704/711	699.041	699.000	715.984	716.000	30°C/3.86V
12	704/711	699.026	699.000	715.965	716.000	40°C/3.86V
12	704/711	699.046	699.000	715.992	716.000	50°C/3.86V

Band	Freq (MHz)	Lower Edge (MHz) (Result)	Limit (777MHz)	Upper Edge(MHz) (Result)	Limit (787MHz)	Environment
10MHz Bandwidth QPSK						
13	782	777.194	777.000	786.941	787.000	20°C/3.6V
13	782	777.069	777.000	786.812	787.000	20°C/4.43V
13	782	777.098	777.000	786.992	787.000	-30°C/3.86V
13	782	777.138	777.000	786.889	787.000	-20°C/3.86V
13	782	777.145	777.000	786.895	787.000	-10°C/3.86V
13	782	777.157	777.000	786.859	787.000	0°C/3.86V
13	782	777.122	777.000	786.950	787.000	10°C/3.86V
13	782	777.008	777.000	786.856	787.000	20°C/3.86V
13	782	777.006	777.000	786.938	787.000	30°C/3.86V
13	782	777.101	777.000	786.907	787.000	40°C/3.86V
13	782	777.018	777.000	786.907	787.000	50°C/3.86V
10MHz Bandwidth 16QAM						
13	782	777.062	777.000	786.815	787.000	20°C/3.6V
13	782	777.116	777.000	786.970	787.000	20°C/4.43V
13	782	777.198	777.000	786.914	787.000	-30°C/3.86V
13	782	777.148	777.000	786.816	787.000	-20°C/3.86V
13	782	777.122	777.000	786.866	787.000	-10°C/3.86V
13	782	777.132	777.000	786.864	787.000	0°C/3.86V
13	782	777.187	777.000	786.963	787.000	10°C/3.86V
13	782	777.030	777.000	786.823	787.000	20°C/3.86V
13	782	777.003	777.000	786.841	787.000	30°C/3.86V
13	782	777.025	777.000	786.912	787.000	40°C/3.86V
13	782	777.110	777.000	786.811	787.000	50°C/3.86V

Band	Freq (MHz)	Lower Edge (MHz) (Result)	Limit (704MHz)	Upper Edge(MHz) (Result)	Limit (716MHz)	Environment
10MHz Bandwidth QPSK						
17	709/711	704.039	704.000	715.955	716.000	20°C/3.6V
17	709/711	704.013	704.000	715.996	716.000	20°C/4.43V
17	709/711	704.009	704.000	715.952	716.000	-30°C/3.86V
17	709/711	704.007	704.000	715.991	716.000	-20°C/3.86V
17	709/711	704.034	704.000	715.989	716.000	-10°C/3.86V
17	709/711	704.011	704.000	715.985	716.000	0°C/3.86V
17	709/711	704.034	704.000	715.985	716.000	10°C/3.86V
17	709/711	704.034	704.000	715.971	716.000	20°C/3.86V
17	709/711	704.021	704.000	715.981	716.000	30°C/3.86V
17	709/711	704.016	704.000	715.972	716.000	40°C/3.86V
17	709/711	704.022	704.000	715.987	716.000	50°C/3.86V
10MHz Bandwidth 16QAM						
17	709/711	704.026	704.000	715.989	716.000	20°C/3.6V
17	709/711	704.007	704.000	715.983	716.000	20°C/4.43V
17	709/711	704.011	704.000	715.974	716.000	-30°C/3.86V
17	709/711	704.041	704.000	715.976	716.000	-20°C/3.86V
17	709/711	704.024	704.000	715.976	716.000	-10°C/3.86V
17	709/711	704.028	704.000	715.976	716.000	0°C/3.86V
17	709/711	704.023	704.000	715.955	716.000	10°C/3.86V
17	709/711	704.034	704.000	715.958	716.000	20°C/3.86V
17	709/711	704.021	704.000	715.976	716.000	30°C/3.86V
17	709/711	704.036	704.000	715.976	716.000	40°C/3.86V
17	709/711	704.015	704.000	715.996	716.000	50°C/3.86V

Band 26_1

Test Modulation:	15MHz QPSK		Test Channel:	821.5MHz	
Test Item	Temperature (°C)	Voltage (V _{oc})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.86	-1.9	-0.00231	2.5
	-20	3.86	-14.4	-0.01753	2.5
	-10	3.86	-7.1	-0.00864	2.5
	0	3.86	-8.6	-0.01047	2.5
	10	3.86	-18.9	-0.02301	2.5
	20	3.86	10.9	0.01327	2.5
	30	3.86	-6.9	-0.00840	2.5
	40	3.86	16.7	0.02033	2.5
	50	3.86	-17.8	-0.02167	2.5
Frequency Stability vs. Voltage	20	3.60	1.3	0.00158	2.5
	20	4.43	16.0	0.01948	2.5

Test Modulation:	15MHz 16QAM		Test Channel:	821.5MHz	
Test Item	Temperature (°C)	Voltage (V _{oc})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.86	-15.8	-0.01923	2.5
	-20	3.86	2.3	0.00280	2.5
	-10	3.86	-18.5	-0.02252	2.5
	0	3.86	4.0	0.00487	2.5
	10	3.86	4.6	0.00560	2.5
	20	3.86	-2.4	-0.00292	2.5
	30	3.86	-2.2	-0.00268	2.5
	40	3.86	-16.8	-0.02045	2.5
	50	3.86	15.6	0.01899	2.5
Frequency Stability vs. Voltage	20	3.60	-2.4	-0.00292	2.5
	20	4.43	11.1	0.01351	2.5

Band 26_2

Test Modulation:	15MHz QPSK		Test Channel:	836.5MHz	
Test Item	Temperature (°C)	Voltage (VDC)	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.86	6.9	0.00825	2.5
	-20	3.86	-8.7	-0.01040	2.5
	-10	3.86	-7.3	-0.00873	2.5
	0	3.86	1.2	0.00143	2.5
	10	3.86	12.6	0.01506	2.5
	20	3.86	5.5	0.00658	2.5
	30	3.86	-13.8	-0.01650	2.5
	40	3.86	-12.6	-0.01506	2.5
	50	3.86	12.4	0.01482	2.5
Frequency Stability vs. Voltage	20	3.60	0.0	0.00000	2.5
	20	4.43	14.6	0.01745	2.5

Test Modulation:	15MHz 16QAM		Test Channel:	836.5MHz	
Test Item	Temperature (°C)	Voltage (VDC)	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.86	4.1	0.00490	2.5
	-20	3.86	13.6	0.01626	2.5
	-10	3.86	8.6	0.01028	2.5
	0	3.86	-9.8	-0.01172	2.5
	10	3.86	-8.7	-0.01040	2.5
	20	3.86	-6.8	-0.00813	2.5
	30	3.86	-9.5	-0.01136	2.5
	40	3.86	-8.0	-0.00956	2.5
	50	3.86	-9.7	-0.01160	2.5
Frequency Stability vs. Voltage	20	3.60	-0.3	-0.00036	2.5
	20	4.43	-12.6	-0.01506	2.5

Band 26_3

Test Modulation:	15MHz QPSK		Test Channel:	824MHz	
Test Item	Temperature (°C)	Voltage (VDC)	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.86	-3.0	-0.00364	2.5
	-20	3.86	8.8	0.01068	2.5
	-10	3.86	15.2	0.01845	2.5
	0	3.86	1.6	0.00194	2.5
	10	3.86	-9.6	-0.01165	2.5
	20	3.86	2.6	0.00316	2.5
	30	3.86	5.8	0.00704	2.5
	40	3.86	-19.7	-0.02391	2.5
	50	3.86	1.2	0.00146	2.5
Frequency Stability vs. Voltage	20	3.60	13.4	0.01626	2.5
	20	4.43	-0.4	-0.00049	2.5

Test Modulation:	15MHz 16QAM		Test Channel:	824MHz	
Test Item	Temperature (°C)	Voltage (VDC)	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.86	18.5	0.02245	2.5
	-20	3.86	-4.0	-0.00485	2.5
	-10	3.86	8.4	0.01019	2.5
	0	3.86	-13.6	-0.01650	2.5
	10	3.86	-7.2	-0.00874	2.5
	20	3.86	16.1	0.01954	2.5
	30	3.86	-7.0	-0.00850	2.5
	40	3.86	4.2	0.00510	2.5
	50	3.86	-0.3	-0.00036	2.5
Frequency Stability vs. Voltage	20	3.60	-16.5	-0.02002	2.5
	20	4.43	-5.6	-0.00680	2.5

Band	Freq (MHz)	Lower Edge (MHz) (Result)	Limit (2570MHz)	Upper Edge(MHz) (Result)	Limit (2620MHz)	Environment
20MHz Bandwidth QPSK						
38	2580/2610	2570.039	2570.000	2619.981	2620.000	20°C/3.6V
38	2580/2610	2570.010	2570.000	2619.988	2620.000	20°C/4.43V
38	2580/2610	2570.002	2570.000	2619.968	2620.000	-30°C/3.86V
38	2580/2610	2570.013	2570.000	2619.996	2620.000	-20°C/3.86V
38	2580/2610	2570.024	2570.000	2619.954	2620.000	-10°C/3.86V
38	2580/2610	2570.005	2570.000	2619.980	2620.000	0°C/3.86V
38	2580/2610	2570.049	2570.000	2619.954	2620.000	10°C/3.86V
38	2580/2610	2570.048	2570.000	2619.985	2620.000	20°C/3.86V
38	2580/2610	2570.042	2570.000	2619.989	2620.000	30°C/3.86V
38	2580/2610	2570.044	2570.000	2619.979	2620.000	40°C/3.86V
38	2580/2610	2570.032	2570.000	2619.979	2620.000	50°C/3.86V
20MHz Bandwidth 16QAM						
38	2580/2610	2570.032	2570.000	2619.972	2620.000	20°C/3.6V
38	2580/2610	2570.045	2570.000	2619.979	2620.000	20°C/4.43V
38	2580/2610	2570.033	2570.000	2619.961	2620.000	-30°C/3.86V
38	2580/2610	2570.001	2570.000	2619.957	2620.000	-20°C/3.86V
38	2580/2610	2570.001	2570.000	2619.962	2620.000	-10°C/3.86V
38	2580/2610	2570.018	2570.000	2619.966	2620.000	0°C/3.86V
38	2580/2610	2570.015	2570.000	2619.952	2620.000	10°C/3.86V
38	2580/2610	2570.016	2570.000	2619.979	2620.000	20°C/3.86V
38	2580/2610	2570.005	2570.000	2619.997	2620.000	30°C/3.86V
38	2580/2610	2570.028	2570.000	2619.986	2620.000	40°C/3.86V
38	2580/2610	2570.029	2570.000	2619.972	2620.000	50°C/3.86V

Band	Freq (MHz)	Lower Edge (MHz) (Result)	Limit (2496MHz)	Upper Edge(MHz) (Result)	Limit (2690MHz)	Environment
20MHz Bandwidth QPSK						
41	2506/2680	2496.029	2496.000	2689.966	2690.000	20°C/4.4V _{DC}
41	2506/2680	2496.015	2496.000	2689.967	2690.000	20°C/3.6V
41	2506/2680	2496.029	2496.000	2689.973	2690.000	-30°C/3.85V _{DC}
41	2506/2680	2496.014	2496.000	2689.973	2690.000	-20°C/3.85V _{DC}
41	2506/2680	2496.032	2496.000	2689.990	2690.000	-10°C/3.85V _{DC}
41	2506/2680	2496.037	2496.000	2689.989	2690.000	0°C/3.85V _{DC}
41	2506/2680	2496.050	2496.000	2689.994	2690.000	10°C/3.85V _{DC}
41	2506/2680	2496.028	2496.000	2689.999	2690.000	20°C/3.85V _{DC}
41	2506/2680	2496.007	2496.000	2689.997	2690.000	30°C/3.85V _{DC}
41	2506/2680	2496.019	2496.000	2689.982	2690.000	40°C/3.85V _{DC}
41	2506/2680	2496.015	2496.000	2689.981	2690.000	50°C/3.85V _{DC}
20MHz Bandwidth 16QAM						
41	2506/2680	2496.039	2496.000	2689.966	2690.000	20°C/4.4V _{DC}
41	2506/2680	2496.015	2496.000	2689.967	2690.000	20°C/3.6V
41	2506/2680	2496.021	2496.000	2689.973	2690.000	-30°C/3.85V _{DC}
41	2506/2680	2496.035	2496.000	2689.973	2690.000	-20°C/3.85V _{DC}
41	2506/2680	2496.028	2496.000	2689.990	2690.000	-10°C/3.85V _{DC}
41	2506/2680	2496.023	2496.000	2689.989	2690.000	0°C/3.85V _{DC}
41	2506/2680	2496.006	2496.000	2689.994	2690.000	10°C/3.85V _{DC}
41	2506/2680	2496.043	2496.000	2689.999	2690.000	20°C/3.85V _{DC}
41	2506/2680	2496.015	2496.000	2689.997	2690.000	30°C/3.85V _{DC}
41	2506/2680	2496.029	2496.000	2689.982	2690.000	40°C/3.85V _{DC}
41	2506/2680	2496.049	2496.000	2689.981	2690.000	50°C/3.85V _{DC}

Band	Freq (MHz)	Lower Edge (MHz) (Result)	Limit (1710MHz)	Upper Edge(MHz) (Result)	Limit (1780MHz)	Environment
20MHz Bandwidth QPSK						
66	1720/1770	1710.113	1710.000	1779.963	1780.000	20°C/3.6V
66	1720/1770	1710.144	1710.000	1779.961	1710.000	20°C/4.43V
66	1720/1770	1710.067	1710.000	1779.983	1710.000	-30°C/3.86V
66	1720/1770	1710.065	1710.000	1779.973	1710.000	-20°C/3.86V
66	1720/1770	1710.239	1710.000	1779.998	1710.000	-10°C/3.86V
66	1720/1770	1710.089	1710.000	1779.964	1710.000	0°C/3.86V
66	1720/1770	1710.037	1710.000	1779.978	1710.000	10°C/3.86V
66	1720/1770	1710.237	1710.000	1779.971	1710.000	20°C/3.86V
66	1720/1770	1710.160	1710.000	1779.967	1710.000	30°C/3.86V
66	1720/1770	1710.018	1710.000	1779.991	1710.000	40°C/3.86V
66	1720/1770	1710.143	1710.000	1779.995	1710.000	50°C/3.86V
20MHz Bandwidth 16QAM						
66	1720/1770	1710.103	1710.000	1779.963	1710.000	20°C/3.6V
66	1720/1770	1710.060	1710.000	1779.961	1710.000	20°C/4.43V
66	1720/1770	1710.092	1710.000	1779.983	1710.000	-30°C/3.86V
66	1720/1770	1710.220	1710.000	1779.973	1710.000	-20°C/3.86V
66	1720/1770	1710.091	1710.000	1779.998	1710.000	-10°C/3.86V
66	1720/1770	1710.096	1710.000	1779.964	1710.000	0°C/3.86V
66	1720/1770	1710.167	1710.000	1779.978	1710.000	10°C/3.86V
66	1720/1770	1710.135	1710.000	1779.971	1710.000	20°C/3.86V
66	1720/1770	1710.015	1710.000	1779.967	1710.000	30°C/3.86V
66	1720/1770	1710.017	1710.000	1779.991	1710.000	40°C/3.86V
66	1720/1770	1710.004	1710.000	1779.995	1710.000	50°C/3.86V