

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3660MHz)									
FL=3650.73MHz, FH=3669.26MHz									
Temperature (°C)	Power Supplied (V_{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result		
30	-48	3	64QAM	-1.06	3650.73	3669.26	Pass		
			QPSK	2.74	3650.73	3669.26	Pass		
			16QAM	1.62	3650.73	3669.26	Pass		
		4	64QAM	1.15	3650.73	3669.26	Pass		
			QPSK	-0.85	3650.73	3669.26	Pass		
			16QAM	2.74	3650.73	3669.26	Pass		
		5	64QAM	-2.36	3650.73	3669.26	Pass		
			QPSK	-3.25	3650.73	3669.26	Pass		
			16QAM	-1.86	3650.73	3669.26	Pass		
		6	64QAM	-3.26	3650.73	3669.26	Pass		
			QPSK	-4.25	3650.73	3669.26	Pass		
			16QAM	-2.63	3650.73	3669.26	Pass		
		7	64QAM	2.51	3650.73	3669.26	Pass		
			QPSK	1.25	3650.73	3669.26	Pass		
			16QAM	1.69	3650.73	3669.26	Pass		
		30	-48	0	64QAM	1.85	3650.73	3669.26	Pass
					QPSK	-2.06	3650.73	3669.26	Pass
					16QAM	0.58	3650.73	3669.26	Pass
				1	64QAM	3.62	3650.73	3669.26	Pass
					QPSK	-1.67	3650.73	3669.26	Pass
					16QAM	2.02	3650.73	3669.26	Pass
				2	64QAM	-3.03	3650.73	3669.26	Pass
					QPSK	-2.07	3650.73	3669.26	Pass
					16QAM	3.69	3650.73	3669.26	Pass
				3	64QAM	-4.29	3650.73	3669.26	Pass
					QPSK	1.59	3650.73	3669.26	Pass
					16QAM	2.62	3650.73	3669.26	Pass
4	64QAM			-3.18	3650.73	3669.26	Pass		
	QPSK			-2.67	3650.73	3669.26	Pass		
	16QAM			4.22	3650.73	3669.26	Pass		
5	64QAM			-2.15	3650.73	3669.26	Pass		
	QPSK			3.13	3650.73	3669.26	Pass		
					16QAM	-0.56	3650.73	3669.26	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3660MHz) FL=3650.73MHz, FH=3669.26MHz									
Temperature (°C)	Power Supplied (V _{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result		
		6	64QAM	-1.59	3650.73	3669.26	Pass		
			QPSK	3.33	3650.73	3669.26	Pass		
			16QAM	2.58	3650.73	3669.26	Pass		
		7		64QAM	-1.06	3650.73	3669.26	Pass	
				QPSK	3.14	3650.73	3669.26	Pass	
				16QAM	2.64	3650.73	3669.26	Pass	
		40	-48	0	QPSK	0.48	3650.73	3669.26	Pass
					16QAM	-3.46	3650.73	3669.26	Pass
					64QAM	2.88	3650.73	3669.26	Pass
1				QPSK	1.52	3650.73	3669.26	Pass	
				16QAM	0.33	3650.73	3669.26	Pass	
				64QAM	-1.69	3650.73	3669.26	Pass	
2				QPSK	2.67	3650.73	3669.26	Pass	
				16QAM	1.88	3650.73	3669.26	Pass	
				64QAM	-3.05	3650.73	3669.26	Pass	
3				QPSK	2.46	3650.73	3669.26	Pass	
				16QAM	-2.85	3650.73	3669.26	Pass	
				64QAM	0.69	3650.73	3669.26	Pass	
4				QPSK	-1.12	3650.73	3669.26	Pass	
				16QAM	3.62	3650.73	3669.26	Pass	
				64QAM	1.28	3650.73	3669.26	Pass	
5				QPSK	2.63	3650.73	3669.26	Pass	
				16QAM	0.25	3650.73	3669.26	Pass	
				64QAM	-1.77	3650.73	3669.26	Pass	
6				QPSK	-3.65	3650.73	3669.26	Pass	
				16QAM	2.89	3650.73	3669.26	Pass	
				64QAM	1.96	3650.73	3669.26	Pass	
7		QPSK	-3.24	3650.73	3669.26	Pass			
		16QAM	1.85	3650.73	3669.26	Pass			
		64QAM	-0.67	3650.73	3669.26	Pass			
50	-48	0	QPSK	1.58	3650.73	3669.26	Pass		
			16QAM	-3.62	3650.73	3669.26	Pass		

**Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3660MHz)
 FL=3650.73MHz, FH=3669.26MHz**

Temperature (°C)	Power Supplied (V _{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset (MHz)	FH+ Frequency Offset (MHz)	Result		
			64QAM	1.05	3650.73	3669.26	Pass		
			1	QPSK	-3.47	3650.73	3669.26	Pass	
				16QAM	1.45	3650.73	3669.26	Pass	
		64QAM		4.11	3650.73	3669.26	Pass		
		2	QPSK	-2.37	3650.73	3669.26	Pass		
			16QAM	1.65	3650.73	3669.26	Pass		
			64QAM	-3.02	3650.73	3669.26	Pass		
		3	QPSK	1.62	3650.73	3669.26	Pass		
			16QAM	1.98	3650.73	3669.26	Pass		
			64QAM	-2.03	3650.73	3669.26	Pass		
		4	QPSK	2.27	3650.73	3669.26	Pass		
			16QAM	-0.88	3650.73	3669.26	Pass		
			64QAM	-1.63	3650.73	3669.26	Pass		
		5	QPSK	2.48	3650.73	3669.26	Pass		
			16QAM	1.75	3650.73	3669.26	Pass		
			64QAM	1.08	3650.73	3669.26	Pass		
		6	QPSK	-3.11	3650.73	3669.26	Pass		
			16QAM	1.06	3650.73	3669.26	Pass		
			64QAM	2.48	3650.73	3669.26	Pass		
		7	QPSK	1.5	3650.73	3669.26	Pass		
			16QAM	3.61	3650.73	3669.26	Pass		
			64QAM	1.48	3650.73	3669.26	Pass		
		55	-48	0	QPSK	-0.87	3650.73	3669.26	Pass
					16QAM	-2.15	3650.73	3669.26	Pass
					64QAM	1.64	3650.73	3669.26	Pass
				1	QPSK	2.06	3650.73	3669.26	Pass
					16QAM	-3.41	3650.73	3669.26	Pass
					64QAM	1.86	3650.73	3669.26	Pass
				2	QPSK	4.63	3650.73	3669.26	Pass
					16QAM	3.18	3650.73	3669.26	Pass
64QAM	-3.56				3650.73	3669.26	Pass		
3	QPSK			1.79	3650.73	3669.26	Pass		
	16QAM			-2.26	3650.73	3669.26	Pass		

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3660MHz)
FL=3650.73MHz, FH=3669.26MHz

Temperature (°C)	Power Supplied (V _{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset (MHz)	FH+ Frequency Offset (MHz)	Result		
		4	64QAM	-1.09	3650.73	3669.26	Pass		
			QPSK	3.62	3650.73	3669.26	Pass		
			16QAM	1.85	3650.73	3669.26	Pass		
		5	64QAM	-1.08	3650.73	3669.26	Pass		
			QPSK	-3.34	3650.73	3669.26	Pass		
			16QAM	2.96	3650.73	3669.26	Pass		
		6	64QAM	1.28	3650.73	3669.26	Pass		
			QPSK	-1.09	3650.73	3669.26	Pass		
			16QAM	-3.24	3650.73	3669.26	Pass		
		7	64QAM	-1.11	3650.73	3669.26	Pass		
			QPSK	0.59	3650.73	3669.26	Pass		
			16QAM	-1.36	3650.73	3669.26	Pass		
					64QAM	-1.12	3650.73	3669.26	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3675MHz)
FL=3665.72MHz, FH=3695.28MHz

Temperature (°C)	Power Supplied (V _{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset (MHz)	FH+ Frequency Offset (MHz)	Result
-40	-48	0	QPSK	1.29	3665.72	3695.28	Pass
			16QAM	2.63	3665.72	3695.28	Pass
			64QAM	1.74	3665.72	3695.28	Pass
		1	QPSK	-2.11	3665.72	3695.28	Pass
			16QAM	0.97	3665.72	3695.28	Pass
			64QAM	1.59	3665.72	3695.28	Pass
		2	QPSK	2.64	3665.72	3695.28	Pass
			16QAM	-2.16	3665.72	3695.28	Pass
			64QAM	-2.73	3665.72	3695.28	Pass
		3	QPSK	1.36	3665.72	3695.28	Pass
			16QAM	-4.19	3665.72	3695.28	Pass
			64QAM	-3.18	3665.72	3695.28	Pass
		4	QPSK	2.47	3665.72	3695.28	Pass
			16QAM	-1.59	3665.72	3695.28	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3675MHz) FL=3665.72MHz, FH=3695.28MHz									
Temperature (°C)	Power Supplied (V _{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result		
-30	-48	5	64QAM	2.5	3665.72	3695.28	Pass		
			QPSK	1.83	3665.72	3695.28	Pass		
			16QAM	2.76	3665.72	3695.28	Pass		
		6	64QAM	-2.66	3665.72	3695.28	Pass		
			QPSK	-1.29	3665.72	3695.28	Pass		
			16QAM	0.85	3665.72	3695.28	Pass		
		7	64QAM	-2.67	3665.72	3695.28	Pass		
			QPSK	1.28	3665.72	3695.28	Pass		
			16QAM	-3.62	3665.72	3695.28	Pass		
		-30	-48	0	64QAM	1.85	3665.72	3695.28	Pass
					QPSK	-2.19	3665.72	3695.28	Pass
					16QAM	2.36	3665.72	3695.28	Pass
				1	64QAM	3.26	3665.72	3695.28	Pass
					QPSK	3.02	3665.72	3695.28	Pass
					16QAM	1.25	3665.72	3695.28	Pass
				2	64QAM	1.56	3665.72	3695.28	Pass
					QPSK	0.36	3665.72	3695.28	Pass
					16QAM	-2.63	3665.72	3695.28	Pass
				3	64QAM	1.25	3665.72	3695.28	Pass
					QPSK	-2.15	3665.72	3695.28	Pass
					16QAM	0.63	3665.72	3695.28	Pass
4	64QAM			-1.52	3665.72	3695.28	Pass		
	QPSK			-3.56	3665.72	3695.28	Pass		
	16QAM			-1.85	3665.72	3695.28	Pass		
5	64QAM			1.48	3665.72	3695.28	Pass		
	QPSK			-3.26	3665.72	3695.28	Pass		
	16QAM			-1.55	3665.72	3695.28	Pass		
6	64QAM			0.26	3665.72	3695.28	Pass		
	QPSK			-4.34	3665.72	3695.28	Pass		
	16QAM			1.27	3665.72	3695.28	Pass		
7	64QAM	-0.67	3665.72	3695.28	Pass				
	QPSK	1.35	3665.72	3695.28	Pass				
			16QAM	-2.88	3665.72	3695.28	Pass		

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3675MHz)
FL=3665.72MHz, FH=3695.28MHz

Temperature (°C)	Power Supplied (V _{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset (MHz)	FH+ Frequency Offset (MHz)	Result
			64QAM	1.57	3665.72	3695.28	Pass
-20	-48	0	QPSK	1.36	3665.72	3695.28	Pass
			16QAM	-2.42	3665.72	3695.28	Pass
			64QAM	-3.67	3665.72	3695.28	Pass
		1	QPSK	-2.08	3665.72	3695.28	Pass
			16QAM	-2.45	3665.72	3695.28	Pass
			64QAM	-1.06	3665.72	3695.28	Pass
		2	QPSK	-4.26	3665.72	3695.28	Pass
			16QAM	2.59	3665.72	3695.28	Pass
			64QAM	-3.62	3665.72	3695.28	Pass
		3	QPSK	1.85	3665.72	3695.28	Pass
			16QAM	-3.54	3665.72	3695.28	Pass
			64QAM	2.06	3665.72	3695.28	Pass
		4	QPSK	-3.26	3665.72	3695.28	Pass
			16QAM	1.28	3665.72	3695.28	Pass
			64QAM	-1.62	3665.72	3695.28	Pass
		5	QPSK	-2.55	3665.72	3695.28	Pass
			16QAM	-3.62	3665.72	3695.28	Pass
			64QAM	2.85	3665.72	3695.28	Pass
		6	QPSK	-1.04	3665.72	3695.28	Pass
			16QAM	2.06	3665.72	3695.28	Pass
			64QAM	-1.5	3665.72	3695.28	Pass
		7	QPSK	2.44	3665.72	3695.28	Pass
			16QAM	-3.17	3665.72	3695.28	Pass
			64QAM	2.05	3665.72	3695.28	Pass
-10	-48	0	QPSK	3.55	3665.72	3695.28	Pass
			16QAM	-3.15	3665.72	3695.28	Pass
			64QAM	2.08	3665.72	3695.28	Pass
		1	QPSK	4.62	3665.72	3695.28	Pass
			16QAM	-2.81	3665.72	3695.28	Pass
			64QAM	1.26	3665.72	3695.28	Pass
2	QPSK	-3.07	3665.72	3695.28	Pass		
	16QAM	-2.93	3665.72	3695.28	Pass		

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3675MHz)									
FL=3665.72MHz, FH=3695.28MHz									
Temperature (°C)	Power Supplied (V_{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result		
0	-48	3	64QAM	1.06	3665.72	3695.28	Pass		
			QPSK	-2.54	3665.72	3695.28	Pass		
			16QAM	2.36	3665.72	3695.28	Pass		
		4	64QAM	1.25	3665.72	3695.28	Pass		
			QPSK	-0.87	3665.72	3695.28	Pass		
			16QAM	3.69	3665.72	3695.28	Pass		
		5	64QAM	2.58	3665.72	3695.28	Pass		
			QPSK	1.69	3665.72	3695.28	Pass		
			16QAM	2.38	3665.72	3695.28	Pass		
		6	64QAM	2.22	3665.72	3695.28	Pass		
			QPSK	-2.18	3665.72	3695.28	Pass		
			16QAM	-3.6	3665.72	3695.28	Pass		
		7	64QAM	-3.78	3665.72	3695.28	Pass		
			QPSK	-2.77	3665.72	3695.28	Pass		
			16QAM	-2.06	3665.72	3695.28	Pass		
		0	-48	0	64QAM	1.59	3665.72	3695.28	Pass
					QPSK	3.62	3665.72	3695.28	Pass
					16QAM	-2.57	3665.72	3695.28	Pass
				1	64QAM	2.41	3665.72	3695.28	Pass
					QPSK	-3.06	3665.72	3695.28	Pass
					16QAM	-2.64	3665.72	3695.28	Pass
				2	64QAM	-3.11	3665.72	3695.28	Pass
					QPSK	-0.88	3665.72	3695.28	Pass
					16QAM	3.35	3665.72	3695.28	Pass
				3	64QAM	-2.85	3665.72	3695.28	Pass
					QPSK	1.96	3665.72	3695.28	Pass
					16QAM	-4.58	3665.72	3695.28	Pass
4	64QAM			3.62	3665.72	3695.28	Pass		
	QPSK			2.05	3665.72	3695.28	Pass		
	16QAM			1.96	3665.72	3695.28	Pass		
5	64QAM			-0.68	3665.72	3695.28	Pass		
	QPSK			2.45	3665.72	3695.28	Pass		
					16QAM	3.62	3665.72	3695.28	Pass

**Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3675MHz)
 FL=3665.72MHz, FH=3695.28MHz**

Temperature (°C)	Power Supplied (V _{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset (MHz)	FH+ Frequency Offset (MHz)	Result		
		6	64QAM	1.28	3665.72	3695.28	Pass		
			QPSK	2.96	3665.72	3695.28	Pass		
			16QAM	-2.17	3665.72	3695.28	Pass		
		7	64QAM	0.63	3665.72	3695.28	Pass		
			QPSK	-2.74	3665.72	3695.28	Pass		
			16QAM	1.38	3665.72	3695.28	Pass		
		10	-48	0	64QAM	2.05	3665.72	3695.28	Pass
					QPSK	-3.2	3665.72	3695.28	Pass
					16QAM	2.74	3665.72	3695.28	Pass
1	64QAM			-3.62	3665.72	3695.28	Pass		
	QPSK			1.27	3665.72	3695.28	Pass		
	16QAM			3.06	3665.72	3695.28	Pass		
2	64QAM			2.87	3665.72	3695.28	Pass		
	QPSK			1.96	3665.72	3695.28	Pass		
	16QAM			0.58	3665.72	3695.28	Pass		
3	64QAM			-2.85	3665.72	3695.28	Pass		
	QPSK			2.36	3665.72	3695.28	Pass		
	16QAM			1.08	3665.72	3695.28	Pass		
4	64QAM			-3.11	3665.72	3695.28	Pass		
	QPSK			-2.63	3665.72	3695.28	Pass		
	16QAM			-2.5	3665.72	3695.28	Pass		
5	64QAM			1.29	3665.72	3695.28	Pass		
	QPSK			-2.48	3665.72	3695.28	Pass		
	16QAM			-2.06	3665.72	3695.28	Pass		
6	64QAM			1.11	3665.72	3695.28	Pass		
	QPSK			-2.56	3665.72	3695.28	Pass		
	16QAM			1.58	3665.72	3695.28	Pass		
7	64QAM			1.06	3665.72	3695.28	Pass		
	QPSK			0.95	3665.72	3695.28	Pass		
	16QAM			-2.37	3665.72	3695.28	Pass		
20	-48	0	64QAM	2.42	3665.72	3695.28	Pass		
			QPSK	-2.48	3665.72	3695.28	Pass		
			16QAM	-3.17	3665.72	3695.28	Pass		

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3675MHz)									
FL=3665.72MHz, FH=3695.28MHz									
Temperature (°C)	Power Supplied (V_{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result		
		1	64QAM	1.25	3665.72	3695.28	Pass		
			QPSK	2.6	3665.72	3695.28	Pass		
			16QAM	1.28	3665.72	3695.28	Pass		
		2	64QAM	-0.58	3665.72	3695.28	Pass		
			QPSK	-1.75	3665.72	3695.28	Pass		
			16QAM	2.62	3665.72	3695.28	Pass		
		3	64QAM	1.85	3665.72	3695.28	Pass		
			QPSK	-4.26	3665.72	3695.28	Pass		
			16QAM	1.63	3665.72	3695.28	Pass		
		4	64QAM	-2.09	3665.72	3695.28	Pass		
			QPSK	-3.36	3665.72	3695.28	Pass		
			16QAM	-2.54	3665.72	3695.28	Pass		
		5	64QAM	1.85	3665.72	3695.28	Pass		
			QPSK	2.67	3665.72	3695.28	Pass		
			16QAM	0.28	3665.72	3695.28	Pass		
		6	64QAM	-2.96	3665.72	3695.28	Pass		
			QPSK	1.85	3665.72	3695.28	Pass		
			16QAM	-3.61	3665.72	3695.28	Pass		
		7	64QAM	2.56	3665.72	3695.28	Pass		
			QPSK	1.47	3665.72	3695.28	Pass		
			16QAM	2.8	3665.72	3695.28	Pass		
		30	-48	0	64QAM	-3.16	3665.72	3695.28	Pass
					QPSK	2.89	3665.72	3695.28	Pass
					16QAM	-1.47	3665.72	3695.28	Pass
				1	64QAM	2.51	3665.72	3695.28	Pass
					QPSK	2.63	3665.72	3695.28	Pass
					16QAM	1.25	3665.72	3695.28	Pass
2	64QAM			-0.68	3665.72	3695.28	Pass		
	QPSK			3.24	3665.72	3695.28	Pass		
	16QAM			-0.26	3665.72	3695.28	Pass		
3	64QAM			-3.63	3665.72	3695.28	Pass		
	QPSK			-3.26	3665.72	3695.28	Pass		
					16QAM	0.74	3665.72	3695.28	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3675MHz)									
FL=3665.72MHz, FH=3695.28MHz									
Temperature (°C)	Power Supplied (V_{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result		
40	-48	4	64QAM	-1.58	3665.72	3695.28	Pass		
			QPSK	-3.42	3665.72	3695.28	Pass		
			16QAM	1.58	3665.72	3695.28	Pass		
		5	64QAM	-2.36	3665.72	3695.28	Pass		
			QPSK	2.58	3665.72	3695.28	Pass		
			16QAM	1.74	3665.72	3695.28	Pass		
		6	64QAM	0.59	3665.72	3695.28	Pass		
			QPSK	2.13	3665.72	3695.28	Pass		
			16QAM	2.7	3665.72	3695.28	Pass		
		7	64QAM	1.69	3665.72	3695.28	Pass		
			QPSK	-2.08	3665.72	3695.28	Pass		
			16QAM	0.63	3665.72	3695.28	Pass		
		40	-48	0	64QAM	-2.15	3665.72	3695.28	Pass
					QPSK	-1.13	3665.72	3695.28	Pass
					16QAM	2.62	3665.72	3695.28	Pass
				1	64QAM	1.48	3665.72	3695.28	Pass
					QPSK	-2.68	3665.72	3695.28	Pass
					16QAM	1.26	3665.72	3695.28	Pass
2	64QAM			-3.69	3665.72	3695.28	Pass		
	QPSK			2.47	3665.72	3695.28	Pass		
	16QAM			-1.25	3665.72	3695.28	Pass		
3	64QAM			0.89	3665.72	3695.28	Pass		
	QPSK			-3.56	3665.72	3695.28	Pass		
	16QAM			2.54	3665.72	3695.28	Pass		
4	64QAM			-3.63	3665.72	3695.28	Pass		
	QPSK			1.59	3665.72	3695.28	Pass		
	16QAM			0.63	3665.72	3695.28	Pass		
5	64QAM			1.25	3665.72	3695.28	Pass		
	QPSK			-1.14	3665.72	3695.28	Pass		
	16QAM			-3.62	3665.72	3695.28	Pass		
6	64QAM	2.18	3665.72	3695.28	Pass				
	QPSK	3.46	3665.72	3695.28	Pass				
			16QAM	-2.75	3665.72	3695.28	Pass		

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3675MHz)							
FL=3665.72MHz, FH=3695.28MHz							
Temperature (°C)	Power Supplied (V_{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result
		7	64QAM	-1.06	3665.72	3695.28	Pass
			QPSK	0.88	3665.72	3695.28	Pass
			16QAM	-2.75	3665.72	3695.28	Pass
			64QAM	-1.63	3665.72	3695.28	Pass
50	-48	0	QPSK	2.08	3665.72	3695.28	Pass
			16QAM	4.33	3665.72	3695.28	Pass
			64QAM	-2.41	3665.72	3695.28	Pass
		1	QPSK	1.89	3665.72	3695.28	Pass
			16QAM	2.69	3665.72	3695.28	Pass
			64QAM	1.55	3665.72	3695.28	Pass
		2	QPSK	-2.36	3665.72	3695.28	Pass
			16QAM	-2.14	3665.72	3695.28	Pass
			64QAM	1.47	3665.72	3695.28	Pass
		3	QPSK	2.36	3665.72	3695.28	Pass
			16QAM	1.77	3665.72	3695.28	Pass
			64QAM	-1.25	3665.72	3695.28	Pass
		4	QPSK	-1.47	3665.72	3695.28	Pass
			16QAM	-3.62	3665.72	3695.28	Pass
			64QAM	-0.58	3665.72	3695.28	Pass
		5	QPSK	-4.25	3665.72	3695.28	Pass
			16QAM	-1.26	3665.72	3695.28	Pass
			64QAM	-3.62	3665.72	3695.28	Pass
		6	QPSK	-1.58	3665.72	3695.28	Pass
			16QAM	0.28	3665.72	3695.28	Pass
			64QAM	4.26	3665.72	3695.28	Pass
		7	QPSK	1.58	3665.72	3695.28	Pass
			16QAM	-1.62	3665.72	3695.28	Pass
			64QAM	-3.62	3665.72	3695.28	Pass
55	-48	0	QPSK	2.28	3665.72	3695.28	Pass
			16QAM	1.59	3665.72	3695.28	Pass
			64QAM	1.04	3665.72	3695.28	Pass
		1	QPSK	-2.74	3665.72	3695.28	Pass
			16QAM	-3.89	3665.72	3695.28	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3675MHz) FL=3665.72MHz, FH=3695.28MHz									
Temperature (°C)	Power Supplied (V _{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset (MHz)	FH+ Frequency Offset (MHz)	Result		
		2	64QAM	-1.42	3665.72	3695.28	Pass		
			QPSK	2.33	3665.72	3695.28	Pass		
			16QAM	-2.58	3665.72	3695.28	Pass		
		3	64QAM	-3.68	3665.72	3695.28	Pass		
			QPSK	-1.22	3665.72	3695.28	Pass		
			16QAM	-2.26	3665.72	3695.28	Pass		
		4	64QAM	0.28	3665.72	3695.28	Pass		
			QPSK	1.27	3665.72	3695.28	Pass		
			16QAM	2.31	3665.72	3695.28	Pass		
		5	64QAM	1.59	3665.72	3695.28	Pass		
			QPSK	0.56	3665.72	3695.28	Pass		
			16QAM	0.69	3665.72	3695.28	Pass		
		6	64QAM	1.26	3665.72	3695.28	Pass		
			QPSK	-0.36	3665.72	3695.28	Pass		
			16QAM	1.06	3665.72	3695.28	Pass		
		7	64QAM	2.63	3665.72	3695.28	Pass		
			QPSK	1.58	3665.72	3695.28	Pass		
			16QAM	1.47	3665.72	3695.28	Pass		
					64QAM	-2.58	3665.72	3695.28	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3690MHz) FL=3680.75MHz, FH=3690.26MHz							
Temperature (°C)	Power Supplied (V _{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset (MHz)	FH+ Frequency Offset (MHz)	Result
-40	-48	0	QPSK	2.62	3680.75	3690.26	Pass
			16QAM	-3.67	3680.75	3690.26	Pass
			64QAM	1.85	3680.75	3690.26	Pass
		1	QPSK	2.52	3680.75	3690.26	Pass
			16QAM	-3.62	3680.75	3690.26	Pass
			64QAM	2.88	3680.75	3690.26	Pass
		2	QPSK	1.96	3680.75	3690.26	Pass
			16QAM	-3.62	3680.75	3690.26	Pass

**Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3690MHz)
 FL=3680.75MHz, FH=3690.26MHz**

Temperature (°C)	Power Supplied (V _{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result		
-30	-48	3	64QAM	-2.55	3680.75	3690.26	Pass		
			QPSK	1.58	3680.75	3690.26	Pass		
			16QAM	2.41	3680.75	3690.26	Pass		
		4	64QAM	-2.06	3680.75	3690.26	Pass		
			QPSK	0.58	3680.75	3690.26	Pass		
			16QAM	-3.97	3680.75	3690.26	Pass		
		5	64QAM	1.78	3680.75	3690.26	Pass		
			QPSK	-2.82	3680.75	3690.26	Pass		
			16QAM	1.36	3680.75	3690.26	Pass		
		6	64QAM	-2.07	3680.75	3690.26	Pass		
			QPSK	-0.59	3680.75	3690.26	Pass		
			16QAM	0.88	3680.75	3690.26	Pass		
		7	64QAM	-2.79	3680.75	3690.26	Pass		
			QPSK	-3.61	3680.75	3690.26	Pass		
			16QAM	-4.25	3680.75	3690.26	Pass		
		-30	-48	0	64QAM	-1.1	3680.75	3690.26	Pass
					QPSK	0.58	3680.75	3690.26	Pass
					16QAM	-4.26	3680.75	3690.26	Pass
				1	64QAM	2.34	3680.75	3690.26	Pass
					QPSK	1.58	3680.75	3690.26	Pass
					16QAM	-2.71	3680.75	3690.26	Pass
				2	64QAM	-3.26	3680.75	3690.26	Pass
					QPSK	-1.15	3680.75	3690.26	Pass
					16QAM	2.63	3680.75	3690.26	Pass
				3	64QAM	2.84	3680.75	3690.26	Pass
					QPSK	-1.06	3680.75	3690.26	Pass
					16QAM	-3.28	3680.75	3690.26	Pass
4	64QAM			2.55	3680.75	3690.26	Pass		
	QPSK			1.64	3680.75	3690.26	Pass		
	16QAM			-2.37	3680.75	3690.26	Pass		
5	64QAM			1.29	3680.75	3690.26	Pass		
	QPSK			-2.17	3680.75	3690.26	Pass		
	16QAM			-1.52	3680.75	3690.26	Pass		

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3690MHz)									
FL=3680.75MHz, FH=3690.26MHz									
Temperature (°C)	Power Supplied (V_{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result		
		6	64QAM	3.62	3680.75	3690.26	Pass		
			QPSK	-2.47	3680.75	3690.26	Pass		
			16QAM	-1.95	3680.75	3690.26	Pass		
		7	64QAM	-2.46	3680.75	3690.26	Pass		
			QPSK	1.28	3680.75	3690.26	Pass		
			16QAM	0.63	3680.75	3690.26	Pass		
		-20	-48	0	64QAM	1.99	3680.75	3690.26	Pass
					QPSK	-2.74	3680.75	3690.26	Pass
					16QAM	1.6	3680.75	3690.26	Pass
1	64QAM			2.44	3680.75	3690.26	Pass		
	QPSK			-2.63	3680.75	3690.26	Pass		
	16QAM			-3.27	3680.75	3690.26	Pass		
2	64QAM			-1.85	3680.75	3690.26	Pass		
	QPSK			-3.62	3680.75	3690.26	Pass		
	16QAM			-2.57	3680.75	3690.26	Pass		
3	64QAM			2.36	3680.75	3690.26	Pass		
	QPSK			-1.85	3680.75	3690.26	Pass		
	16QAM			-3.42	3680.75	3690.26	Pass		
4	64QAM			-1.25	3680.75	3690.26	Pass		
	QPSK			-2.37	3680.75	3690.26	Pass		
	16QAM			-0.87	3680.75	3690.26	Pass		
5	64QAM			1.58	3680.75	3690.26	Pass		
	QPSK			-2.63	3680.75	3690.26	Pass		
	16QAM			-1.41	3680.75	3690.26	Pass		
6	64QAM			2.05	3680.75	3690.26	Pass		
	QPSK			2.33	3680.75	3690.26	Pass		
	16QAM			0.28	3680.75	3690.26	Pass		
7	64QAM	2.14	3680.75	3690.26	Pass				
	QPSK	1.96	3680.75	3690.26	Pass				
	16QAM	-2.15	3680.75	3690.26	Pass				
-10	-48	0	64QAM	-0.39	3680.75	3690.26	Pass		
			QPSK	2.18	3680.75	3690.26	Pass		
			16QAM	3.61	3680.75	3690.26	Pass		

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3690MHz)									
FL=3680.75MHz, FH=3690.26MHz									
Temperature (°C)	Power Supplied (V_{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result		
0	-48	1	64QAM	4.52	3680.75	3690.26	Pass		
			QPSK	1.66	3680.75	3690.26	Pass		
			16QAM	-2.48	3680.75	3690.26	Pass		
		2	64QAM	-0.36	3680.75	3690.26	Pass		
			QPSK	2.74	3680.75	3690.26	Pass		
			16QAM	0.79	3680.75	3690.26	Pass		
		3	64QAM	4.66	3680.75	3690.26	Pass		
			QPSK	2.28	3680.75	3690.26	Pass		
			16QAM	-3.22	3680.75	3690.26	Pass		
		4	64QAM	0.57	3680.75	3690.26	Pass		
			QPSK	1.85	3680.75	3690.26	Pass		
			16QAM	-3.62	3680.75	3690.26	Pass		
		5	64QAM	-2.57	3680.75	3690.26	Pass		
			QPSK	-2.25	3680.75	3690.26	Pass		
			16QAM	1.58	3680.75	3690.26	Pass		
		6	64QAM	-4.51	3680.75	3690.26	Pass		
			QPSK	1.26	3680.75	3690.26	Pass		
			16QAM	0.25	3680.75	3690.26	Pass		
		7	64QAM	4.28	3680.75	3690.26	Pass		
			QPSK	-3.63	3680.75	3690.26	Pass		
			16QAM	2.7	3680.75	3690.26	Pass		
		0	-48	0	64QAM	-1.55	3680.75	3690.26	Pass
					QPSK	3.62	3680.75	3690.26	Pass
					16QAM	2.47	3680.75	3690.26	Pass
				1	64QAM	1.59	3680.75	3690.26	Pass
					QPSK	-3.53	3680.75	3690.26	Pass
					16QAM	1.58	3680.75	3690.26	Pass
				2	64QAM	-2.23	3680.75	3690.26	Pass
					QPSK	-2.15	3680.75	3690.26	Pass
					16QAM	1.56	3680.75	3690.26	Pass
3	64QAM	2.22	3680.75	3690.26	Pass				
	QPSK	-3.06	3680.75	3690.26	Pass				
			16QAM	1.85	3680.75	3690.26	Pass		

**Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3690MHz)
 FL=3680.75MHz, FH=3690.26MHz**

Temperature (°C)	Power Supplied (V _{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result		
10	-48	4	64QAM	-2.96	3680.75	3690.26	Pass		
			QPSK	1.91	3680.75	3690.26	Pass		
			16QAM	2.09	3680.75	3690.26	Pass		
		5	64QAM	2.41	3680.75	3690.26	Pass		
			QPSK	3.62	3680.75	3690.26	Pass		
			16QAM	-1.44	3680.75	3690.26	Pass		
		6	64QAM	2.85	3680.75	3690.26	Pass		
			QPSK	-3.69	3680.75	3690.26	Pass		
			16QAM	2.48	3680.75	3690.26	Pass		
		7	64QAM	1.28	3680.75	3690.26	Pass		
			QPSK	0.27	3680.75	3690.26	Pass		
			16QAM	3.33	3680.75	3690.26	Pass		
		10	-48	0	64QAM	2.15	3680.75	3690.26	Pass
					QPSK	-3.16	3680.75	3690.26	Pass
					16QAM	-3.85	3680.75	3690.26	Pass
				1	64QAM	2.64	3680.75	3690.26	Pass
					QPSK	-0.96	3680.75	3690.26	Pass
					16QAM	4.15	3680.75	3690.26	Pass
2	64QAM			1.25	3680.75	3690.26	Pass		
	QPSK			-4.66	3680.75	3690.26	Pass		
	16QAM			2.35	3680.75	3690.26	Pass		
3	64QAM			1.85	3680.75	3690.26	Pass		
	QPSK			2.69	3680.75	3690.26	Pass		
	16QAM			-2.17	3680.75	3690.26	Pass		
4	64QAM			1.65	3680.75	3690.26	Pass		
	QPSK			2.15	3680.75	3690.26	Pass		
	16QAM			-2.87	3680.75	3690.26	Pass		
5	64QAM			1.59	3680.75	3690.26	Pass		
	QPSK			3.25	3680.75	3690.26	Pass		
	16QAM			2.15	3680.75	3690.26	Pass		
6	64QAM	1.05	3680.75	3690.26	Pass				
	QPSK	-3.14	3680.75	3690.26	Pass				
			16QAM	-2.05	3680.75	3690.26	Pass		

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3690MHz) FL=3680.75MHz, FH=3690.26MHz							
Temperature (°C)	Power Supplied (V_{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result
		7	64QAM	1.18	3680.75	3690.26	Pass
			QPSK	4.25	3680.75	3690.26	Pass
			16QAM	2.06	3680.75	3690.26	Pass
			64QAM	-2.85	3680.75	3690.26	Pass
20	-48	0	QPSK	-1.17	3680.75	3690.26	Pass
			16QAM	2.62	3680.75	3690.26	Pass
			64QAM	-0.69	3680.75	3690.26	Pass
		1	QPSK	0.36	3680.75	3690.26	Pass
			16QAM	2.74	3680.75	3690.26	Pass
			64QAM	-1.69	3680.75	3690.26	Pass
		2	QPSK	0.82	3680.75	3690.26	Pass
			16QAM	1.67	3680.75	3690.26	Pass
			64QAM	-2.58	3680.75	3690.26	Pass
		3	QPSK	1.58	3680.75	3690.26	Pass
			16QAM	-3.06	3680.75	3690.26	Pass
			64QAM	-2.74	3680.75	3690.26	Pass
		4	QPSK	-1.58	3680.75	3690.26	Pass
			16QAM	2.06	3680.75	3690.26	Pass
			64QAM	4.25	3680.75	3690.26	Pass
		5	QPSK	1.75	3680.75	3690.26	Pass
			16QAM	2.63	3680.75	3690.26	Pass
			64QAM	3.96	3680.75	3690.26	Pass
		6	QPSK	2.87	3680.75	3690.26	Pass
			16QAM	-0.28	3680.75	3690.26	Pass
			64QAM	2.38	3680.75	3690.26	Pass
		7	QPSK	-2.69	3680.75	3690.26	Pass
			16QAM	0.29	3680.75	3690.26	Pass
			64QAM	3.63	3680.75	3690.26	Pass
30	-48	0	QPSK	2.84	3680.75	3690.26	Pass
			16QAM	-1.99	3680.75	3690.26	Pass
			64QAM	3.65	3680.75	3690.26	Pass
		1	QPSK	-2.28	3680.75	3690.26	Pass
			16QAM	-2.54	3680.75	3690.26	Pass

**Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3690MHz)
 FL=3680.75MHz, FH=3690.26MHz**

Temperature (°C)	Power Supplied (V _{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset (MHz)	FH+ Frequency Offset (MHz)	Result		
		2	64QAM	-2.63	3680.75	3690.26	Pass		
			QPSK	1.68	3680.75	3690.26	Pass		
			16QAM	-3.64	3680.75	3690.26	Pass		
		3	64QAM	1.58	3680.75	3690.26	Pass		
			QPSK	3.25	3680.75	3690.26	Pass		
			16QAM	2.05	3680.75	3690.26	Pass		
		4	64QAM	3.18	3680.75	3690.26	Pass		
			QPSK	-2.08	3680.75	3690.26	Pass		
			16QAM	-2.22	3680.75	3690.26	Pass		
		5	64QAM	-3.06	3680.75	3690.26	Pass		
			QPSK	1.74	3680.75	3690.26	Pass		
			16QAM	2.36	3680.75	3690.26	Pass		
		6	64QAM	-2.84	3680.75	3690.26	Pass		
			QPSK	1.06	3680.75	3690.26	Pass		
			16QAM	-1.09	3680.75	3690.26	Pass		
		7	64QAM	1.74	3680.75	3690.26	Pass		
			QPSK	-2.88	3680.75	3690.26	Pass		
			16QAM	-2.63	3680.75	3690.26	Pass		
		40	-48	0	64QAM	0.78	3680.75	3690.26	Pass
					QPSK	-2.63	3680.75	3690.26	Pass
					16QAM	0.85	3680.75	3690.26	Pass
				1	64QAM	-1.26	3680.75	3690.26	Pass
					QPSK	-3.63	3680.75	3690.26	Pass
					16QAM	2.48	3680.75	3690.26	Pass
				2	64QAM	-2.58	3680.75	3690.26	Pass
					QPSK	1.05	3680.75	3690.26	Pass
					16QAM	-2.36	3680.75	3690.26	Pass
3	64QAM			-3.33	3680.75	3690.26	Pass		
	QPSK			1.08	3680.75	3690.26	Pass		
	16QAM			-2.36	3680.75	3690.26	Pass		
4	64QAM			-1.11	3680.75	3690.26	Pass		
	QPSK			2.07	3680.75	3690.26	Pass		
					16QAM	1.68	3680.75	3690.26	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3690MHz)									
FL=3680.75MHz, FH=3690.26MHz									
Temperature (°C)	Power Supplied (V_{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result		
50	-48	5	64QAM	2.02	3680.75	3690.26	Pass		
			QPSK	-3.35	3680.75	3690.26	Pass		
			16QAM	2.15	3680.75	3690.26	Pass		
		6	64QAM	1.28	3680.75	3690.26	Pass		
			QPSK	3.66	3680.75	3690.26	Pass		
			16QAM	-3.28	3680.75	3690.26	Pass		
		7	64QAM	1.85	3680.75	3690.26	Pass		
			QPSK	2.47	3680.75	3690.26	Pass		
			16QAM	2.33	3680.75	3690.26	Pass		
		50	-48	0	64QAM	1.58	3680.75	3690.26	Pass
					QPSK	-3.65	3680.75	3690.26	Pass
					16QAM	1.28	3680.75	3690.26	Pass
				1	64QAM	2.63	3680.75	3690.26	Pass
					QPSK	1.58	3680.75	3690.26	Pass
					16QAM	-3.61	3680.75	3690.26	Pass
				2	64QAM	4.14	3680.75	3690.26	Pass
					QPSK	2.84	3680.75	3690.26	Pass
					16QAM	1.85	3680.75	3690.26	Pass
3	64QAM			2.33	3680.75	3690.26	Pass		
	QPSK			1.58	3680.75	3690.26	Pass		
	16QAM			3.62	3680.75	3690.26	Pass		
4	64QAM			-1.11	3680.75	3690.26	Pass		
	QPSK			-4.25	3680.75	3690.26	Pass		
	16QAM			0.36	3680.75	3690.26	Pass		
5	64QAM			2.37	3680.75	3690.26	Pass		
	QPSK			-3.02	3680.75	3690.26	Pass		
	16QAM			2.15	3680.75	3690.26	Pass		
6	64QAM			-1.12	3680.75	3690.26	Pass		
	QPSK			2.32	3680.75	3690.26	Pass		
	16QAM			-2.06	3680.75	3690.26	Pass		
7	64QAM	-2.41	3680.75	3690.26	Pass				
	QPSK	-3.26	3680.75	3690.26	Pass				
			16QAM	-2.41	3680.75	3690.26	Pass		

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3690MHz)
FL=3680.75MHz, FH=3690.26MHz

Temperature (°C)	Power Supplied (V _{DC})	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset (MHz)	FH+ Frequency Offset (MHz)	Result
			64QAM	0.85	3680.75	3690.26	Pass
55	-48	0	QPSK	2.62	3680.75	3690.26	Pass
			16QAM	3.21	3680.75	3690.26	Pass
			64QAM	1.06	3680.75	3690.26	Pass
		1	QPSK	-3.2	3680.75	3690.26	Pass
			16QAM	1.25	3680.75	3690.26	Pass
			64QAM	-3.26	3680.75	3690.26	Pass
		2	QPSK	2.25	3680.75	3690.26	Pass
			16QAM	-1.58	3680.75	3690.26	Pass
			64QAM	3.04	3680.75	3690.26	Pass
		3	QPSK	-2.44	3680.75	3690.26	Pass
			16QAM	-2.96	3680.75	3690.26	Pass
			64QAM	1.85	3680.75	3690.26	Pass
		4	QPSK	2.05	3680.75	3690.26	Pass
			16QAM	-1.16	3680.75	3690.26	Pass
			64QAM	2.62	3680.75	3690.26	Pass
		5	QPSK	2.58	3680.75	3690.26	Pass
			16QAM	-3.65	3680.75	3690.26	Pass
			64QAM	1.08	3680.75	3690.26	Pass
		6	QPSK	-4.22	3680.75	3690.26	Pass
			16QAM	-3.26	3680.75	3690.26	Pass
			64QAM	2.18	3680.75	3690.26	Pass
		7	QPSK	2.05	3680.75	3690.26	Pass
			16QAM	-2.25	3680.75	3690.26	Pass
			64QAM	-3.65	3680.75	3690.26	Pass

Frequency Stability versus Voltage

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3660MHz)
FL=3650.73MHz, FH=3669.26MHz

Voltage: Ref=-48V (%)	Temperature (°C)	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset (MHz)	FH+ Frequency Offset (MHz)	Result		
85%	25°C	0	QPSK	2.52	3650.73	3669.26	Pass		
			16QAM	1.58	3650.73	3669.26	Pass		
			64QAM	2.63	3650.73	3669.26	Pass		
		1	QPSK	-0.75	3650.73	3669.26	Pass		
			16QAM	1.85	3650.73	3669.26	Pass		
			64QAM	2.68	3650.73	3669.26	Pass		
		2	QPSK	-1.78	3650.73	3669.26	Pass		
			16QAM	2.64	3650.73	3669.26	Pass		
			64QAM	4.32	3650.73	3669.26	Pass		
		3	QPSK	-1.07	3650.73	3669.26	Pass		
			16QAM	2.66	3650.73	3669.26	Pass		
			64QAM	1.75	3650.73	3669.26	Pass		
		4	QPSK	2.01	3650.73	3669.26	Pass		
			16QAM	3.17	3650.73	3669.26	Pass		
			64QAM	-1.62	3650.73	3669.26	Pass		
		5	QPSK	-3.23	3650.73	3669.26	Pass		
			16QAM	0.85	3650.73	3669.26	Pass		
			64QAM	2.52	3650.73	3669.26	Pass		
		6	QPSK	1.25	3650.73	3669.26	Pass		
			16QAM	-1.13	3650.73	3669.26	Pass		
			64QAM	3.54	3650.73	3669.26	Pass		
		7	QPSK	-3.81	3650.73	3669.26	Pass		
			16QAM	2.15	3650.73	3669.26	Pass		
			64QAM	4.75	3650.73	3669.26	Pass		
		100%	25°C	0	QPSK	2.33	3650.73	3669.26	Pass
					16QAM	3.69	3650.73	3669.26	Pass
					64QAM	1.85	3650.73	3669.26	Pass
1	QPSK			2.62	3650.73	3669.26	Pass		
	16QAM			-3.38	3650.73	3669.26	Pass		
	64QAM			1.77	3650.73	3669.26	Pass		
2	QPSK			2.59	3650.73	3669.26	Pass		
	16QAM			1.13	3650.73	3669.26	Pass		
	64QAM			2.67	3650.73	3669.26	Pass		
3	QPSK			-1.89	3650.73	3669.26	Pass		
	16QAM			4.68	3650.73	3669.26	Pass		

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3660MHz)									
FL=3650.73MHz, FH=3669.26MHz									
Voltage: Ref=-48V (%)	Temperature (°C)	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result		
115%	25°C	4	64QAM	2.37	3650.73	3669.26	Pass		
			QPSK	-1.51	3650.73	3669.26	Pass		
			16QAM	2.74	3650.73	3669.26	Pass		
		5	64QAM	-2.36	3650.73	3669.26	Pass		
			QPSK	-1.8	3650.73	3669.26	Pass		
			16QAM	1.67	3650.73	3669.26	Pass		
		6	64QAM	3.52	3650.73	3669.26	Pass		
			QPSK	-2.42	3650.73	3669.26	Pass		
			16QAM	3.07	3650.73	3669.26	Pass		
		7	64QAM	1.82	3650.73	3669.26	Pass		
			QPSK	1.11	3650.73	3669.26	Pass		
			16QAM	-2.75	3650.73	3669.26	Pass		
		115%	25°C	0	64QAM	-3.62	3650.73	3669.26	Pass
					QPSK	-2.84	3650.73	3669.26	Pass
					16QAM	1.96	3650.73	3669.26	Pass
				1	64QAM	-2.42	3650.73	3669.26	Pass
					QPSK	-1.16	3650.73	3669.26	Pass
					16QAM	-2.06	3650.73	3669.26	Pass
2	64QAM			3.43	3650.73	3669.26	Pass		
	QPSK			1.86	3650.73	3669.26	Pass		
	16QAM			3.81	3650.73	3669.26	Pass		
3	64QAM			-2.79	3650.73	3669.26	Pass		
	QPSK			-1.08	3650.73	3669.26	Pass		
	16QAM			-2.37	3650.73	3669.26	Pass		
4	64QAM			4.25	3650.73	3669.26	Pass		
	QPSK			1.83	3650.73	3669.26	Pass		
	16QAM			-2.55	3650.73	3669.26	Pass		
5	64QAM			1.63	3650.73	3669.26	Pass		
	QPSK			1.18	3650.73	3669.26	Pass		
	16QAM			2.05	3650.73	3669.26	Pass		
6	64QAM	0.86	3650.73	3669.26	Pass				
	QPSK	0.97	3650.73	3669.26	Pass				
			16QAM	2.01	3650.73	3669.26	Pass		

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3660MHz)							
FL=3650.73MHz, FH=3669.26MHz							
Voltage: Ref=-48V (%)	Temperature (°C)	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result
			64QAM	-3.02	3650.73	3669.26	Pass
		7	QPSK	4.19	3650.73	3669.26	Pass
			16QAM	3.93	3650.73	3669.26	Pass
			64QAM	-2.75	3650.73	3669.26	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3675MHz)							
FL=3665.72MHz, FH=3695.28MHz							
Voltage: Ref=-48V (%)	Temperature (°C)	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result
85%	25°C	0	QPSK	2.31	3665.72	3695.28	Pass
			16QAM	2.67	3665.72	3695.28	Pass
			64QAM	1.58	3665.72	3695.28	Pass
		1	QPSK	-3.62	3665.72	3695.28	Pass
			16QAM	-2.22	3665.72	3695.28	Pass
			64QAM	1.09	3665.72	3695.28	Pass
		2	QPSK	0.79	3665.72	3695.28	Pass
			16QAM	1.63	3665.72	3695.28	Pass
			64QAM	-2.74	3665.72	3695.28	Pass
		3	QPSK	-4.6	3665.72	3695.28	Pass
			16QAM	-2.11	3665.72	3695.28	Pass
			64QAM	1.58	3665.72	3695.28	Pass
		4	QPSK	2.06	3665.72	3695.28	Pass
			16QAM	-2.61	3665.72	3695.28	Pass
			64QAM	1.33	3665.72	3695.28	Pass
		5	QPSK	-3.62	3665.72	3695.28	Pass
			16QAM	1.82	3665.72	3695.28	Pass
			64QAM	3.03	3665.72	3695.28	Pass
		6	QPSK	1.08	3665.72	3695.28	Pass
			16QAM	4.16	3665.72	3695.28	Pass
			64QAM	2.84	3665.72	3695.28	Pass
		7	QPSK	-1.44	3665.72	3695.28	Pass
			16QAM	3.26	3665.72	3695.28	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3675MHz)							
FL=3665.72MHz, FH=3695.28MHz							
Voltage: Ref=-48V (%)	Temperature (°C)	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result
			64QAM	0.99	3665.72	3695.28	Pass
100%	25°C	0	QPSK	-1.09	3665.72	3695.28	Pass
			16QAM	2.71	3665.72	3695.28	Pass
			64QAM	4.02	3665.72	3695.28	Pass
		1	QPSK	2.56	3665.72	3695.28	Pass
			16QAM	-2.45	3665.72	3695.28	Pass
			64QAM	-1.38	3665.72	3695.28	Pass
		2	QPSK	2.28	3665.72	3695.28	Pass
			16QAM	-3.32	3665.72	3695.28	Pass
			64QAM	-1.92	3665.72	3695.28	Pass
		3	QPSK	2.06	3665.72	3695.28	Pass
			16QAM	3.48	3665.72	3695.28	Pass
			64QAM	2.68	3665.72	3695.28	Pass
		4	QPSK	-3.95	3665.72	3695.28	Pass
			16QAM	1.23	3665.72	3695.28	Pass
			64QAM	2.06	3665.72	3695.28	Pass
		5	QPSK	-1.77	3665.72	3695.28	Pass
			16QAM	4.51	3665.72	3695.28	Pass
			64QAM	-2.59	3665.72	3695.28	Pass
		6	QPSK	-1.55	3665.72	3695.28	Pass
			16QAM	3.25	3665.72	3695.28	Pass
			64QAM	1.31	3665.72	3695.28	Pass
		7	QPSK	2.07	3665.72	3695.28	Pass
			16QAM	-2.48	3665.72	3695.28	Pass
			64QAM	1.96	3665.72	3695.28	Pass
115%	25°C	0	QPSK	2.85	3665.72	3695.28	Pass
			16QAM	3.07	3665.72	3695.28	Pass
			64QAM	-3.33	3665.72	3695.28	Pass
		1	QPSK	1.25	3665.72	3695.28	Pass
			16QAM	-3.62	3665.72	3695.28	Pass
			64QAM	-1.47	3665.72	3695.28	Pass
2	QPSK	0.85	3665.72	3695.28	Pass		
	16QAM	1.67	3665.72	3695.28	Pass		

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3675MHz) FL=3665.72MHz, FH=3695.28MHz									
Voltage: Ref=-48V (%)	Temperature (°C)	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result		
		3	64QAM	2.52	3665.72	3695.28	Pass		
			QPSK	3.26	3665.72	3695.28	Pass		
			16QAM	-2.07	3665.72	3695.28	Pass		
		4	64QAM	-1.58	3665.72	3695.28	Pass		
			QPSK	-2.69	3665.72	3695.28	Pass		
			16QAM	3.23	3665.72	3695.28	Pass		
		5	64QAM	1.62	3665.72	3695.28	Pass		
			QPSK	-2.81	3665.72	3695.28	Pass		
			16QAM	-2.4	3665.72	3695.28	Pass		
		6	64QAM	1.53	3665.72	3695.28	Pass		
			QPSK	-2.62	3665.72	3695.28	Pass		
			16QAM	-1.37	3665.72	3695.28	Pass		
		7	64QAM	-2.06	3665.72	3695.28	Pass		
			QPSK	-1.85	3665.72	3695.28	Pass		
			16QAM	3.48	3665.72	3695.28	Pass		
					64QAM	1.95	3665.72	3695.28	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3690MHz) FL=3680.75MHz, FH=3690.26MHz							
Voltage: Ref=-48V (%)	Temperature (°C)	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result
85%	25°C	0	QPSK	2.45	3680.75	3690.26	Pass
			16QAM	1.56	3680.75	3690.26	Pass
			64QAM	-1.47	3680.75	3690.26	Pass
		1	QPSK	2.06	3680.75	3690.26	Pass
			16QAM	-3.14	3680.75	3690.26	Pass
			64QAM	-4.62	3680.75	3690.26	Pass
		2	QPSK	2.15	3680.75	3690.26	Pass
			16QAM	1.77	3680.75	3690.26	Pass
			64QAM	0.58	3680.75	3690.26	Pass
		3	QPSK	-2.35	3680.75	3690.26	Pass
			16QAM	-1.69	3680.75	3690.26	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3690MHz)									
FL=3680.75MHz, FH=3690.26MHz									
Voltage: Ref=-48V (%)	Temperature (°C)	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result		
100%	25°C	4	64QAM	-2.58	3680.75	3690.26	Pass		
			QPSK	-1.11	3680.75	3690.26	Pass		
			16QAM	2.45	3680.75	3690.26	Pass		
		5	64QAM	-1.06	3680.75	3690.26	Pass		
			QPSK	3.29	3680.75	3690.26	Pass		
			16QAM	-2.18	3680.75	3690.26	Pass		
		6	64QAM	2.67	3680.75	3690.26	Pass		
			QPSK	1.59	3680.75	3690.26	Pass		
			16QAM	3.48	3680.75	3690.26	Pass		
		7	64QAM	-2.22	3680.75	3690.26	Pass		
			QPSK	-3.17	3680.75	3690.26	Pass		
			16QAM	-1.88	3680.75	3690.26	Pass		
		100%	25°C	0	64QAM	2.16	3680.75	3690.26	Pass
					QPSK	2.1	3680.75	3690.26	Pass
					16QAM	-1.59	3680.75	3690.26	Pass
				1	64QAM	2.23	3680.75	3690.26	Pass
					QPSK	2.47	3680.75	3690.26	Pass
					16QAM	-1.52	3680.75	3690.26	Pass
				2	64QAM	-2.46	3680.75	3690.26	Pass
					QPSK	-1.78	3680.75	3690.26	Pass
					16QAM	2.61	3680.75	3690.26	Pass
3	64QAM			-1.62	3680.75	3690.26	Pass		
	QPSK			-3.37	3680.75	3690.26	Pass		
	16QAM			1.84	3680.75	3690.26	Pass		
4	64QAM			1.36	3680.75	3690.26	Pass		
	QPSK			4.25	3680.75	3690.26	Pass		
	16QAM			-1.04	3680.75	3690.26	Pass		
5	64QAM			1.47	3680.75	3690.26	Pass		
	QPSK			-2.48	3680.75	3690.26	Pass		
	16QAM			-2.63	3680.75	3690.26	Pass		
6	64QAM			-2.08	3680.75	3690.26	Pass		
	QPSK			2.73	3680.75	3690.26	Pass		
					16QAM	1.22	3680.75	3690.26	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :3690MHz)							
FL=3680.75MHz, FH=3690.26MHz							
Voltage: Ref=-48V (%)	Temperature (°C)	Port	Modulation	Frequency Measure Error (Hz)	FL+ Frequency Offset(MHz)	FH+ Frequency Offset(MHz)	Result
		7	64QAM	2.79	3680.75	3690.26	Pass
			QPSK	1.65	3680.75	3690.26	Pass
			16QAM	-2.08	3680.75	3690.26	Pass
			64QAM	-1.63	3680.75	3690.26	Pass
115%	25°C	0	QPSK	3.33	3680.75	3690.26	Pass
			16QAM	1.97	3680.75	3690.26	Pass
			64QAM	2.26	3680.75	3690.26	Pass
		1	QPSK	1.72	3680.75	3690.26	Pass
			16QAM	3.67	3680.75	3690.26	Pass
			64QAM	1.89	3680.75	3690.26	Pass
		2	QPSK	2.17	3680.75	3690.26	Pass
			16QAM	-3.23	3680.75	3690.26	Pass
			64QAM	-1.62	3680.75	3690.26	Pass
		3	QPSK	-1.82	3680.75	3690.26	Pass
			16QAM	1.75	3680.75	3690.26	Pass
			64QAM	0.9	3680.75	3690.26	Pass
		4	QPSK	1.32	3680.75	3690.26	Pass
			16QAM	2.71	3680.75	3690.26	Pass
			64QAM	1.76	3680.75	3690.26	Pass
		5	QPSK	-2.54	3680.75	3690.26	Pass
			16QAM	-2.32	3680.75	3690.26	Pass
			64QAM	1.44	3680.75	3690.26	Pass
		6	QPSK	-2.25	3680.75	3690.26	Pass
			16QAM	1.16	3680.75	3690.26	Pass
			64QAM	-2.27	3680.75	3690.26	Pass
		7	QPSK	-1.21	3680.75	3690.26	Pass
			16QAM	-2.36	3680.75	3690.26	Pass
			64QAM	2.88	3680.75	3690.26	Pass