

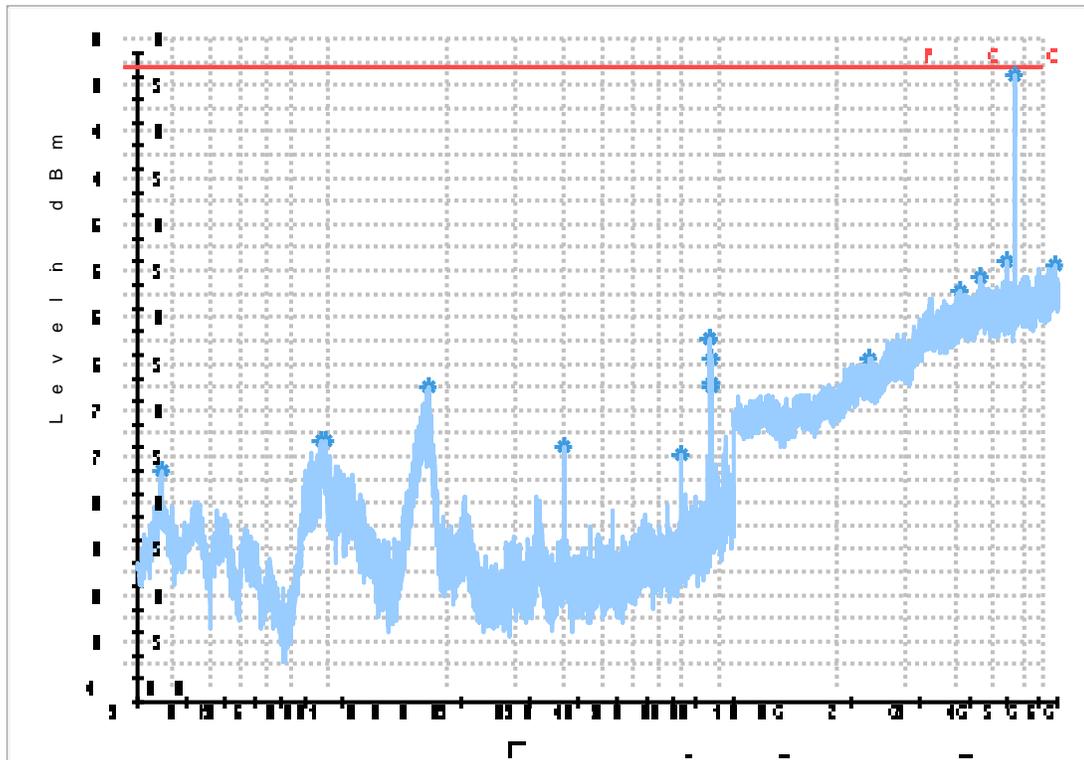
**Radiated spurious emission test data:**

Comment: HOR-30MHz~6.7GHz

**Radiated spurious emission test data:**

Note: Only worst case test data was shown in the report

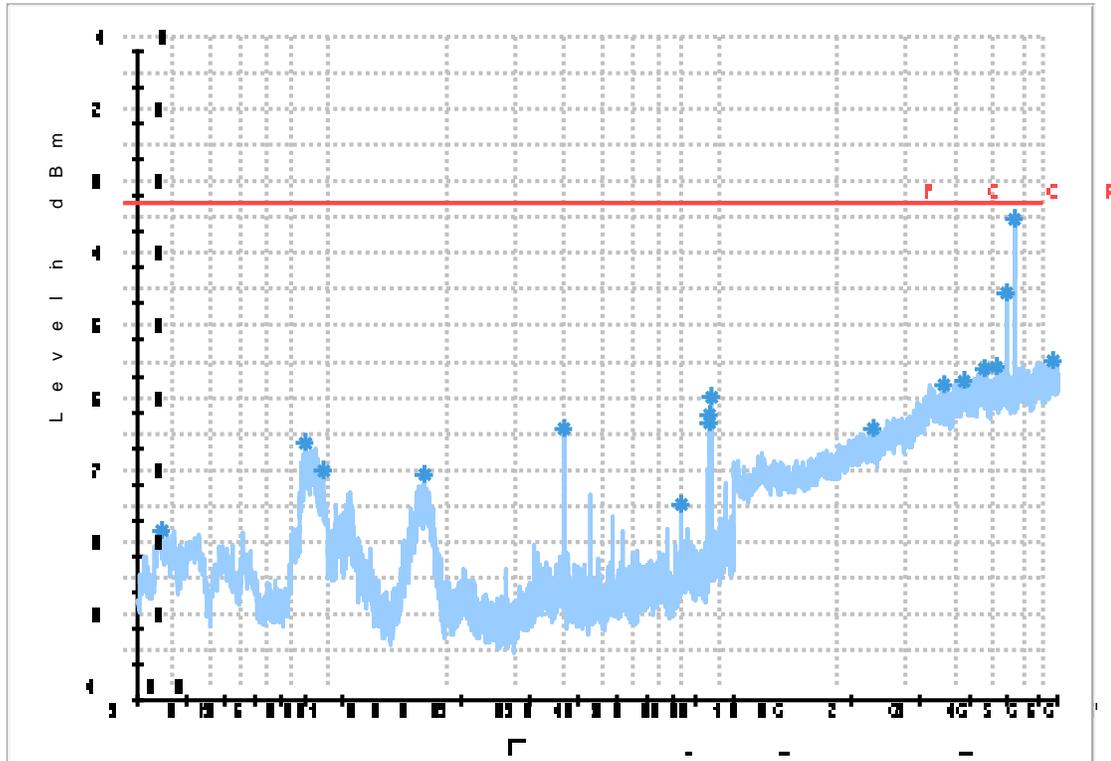
**Comment: HOR-30MHz~6.7GHz**



Frequency (MHz)	MaxPeak-MaxHold (dBm)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Limit (dBm)	Margin (dB)
34.4135	-75.1	150	H	338	-108.6	-33	42.1
88.297	-71.8	150	H	338	-109.3	-33	38.8
90.8675	-71.7	150	H	356	-107.4	-33	38.7
165.9455	-66	150	H	320	-111.6	-33	33
368.627	-72.4	150	H	0	-105.5	-33	39.4
737.2755	-73.3	150	H	302	-101.7	-33	40.3
871.184	-60.7	150	H	153	-100.3	-33	27.7
872.0085	-60.9	150	H	70	-100.2	-33	27.9
873.997	-63	150	H	5	-99.9	-33	30
874.5305	-65.6	150	H	5	-99.9	-33	32.6
877.974	-66	150	H	228	-99.5	-33	33
2227.2	-62.9	150	H	0	-109	-33	29.9
3774.04	-55.7	150	H	295	-103.1	-33	22.7
4276.87	-54	150	H	83	-101.3	-33	21
4993.93	-52.4	150	H	0	-101.5	-33	19.4
5246.64	-32.3	150	H	313	-101.4	-33	-0.7
6614.16	-52.7	150	H	221	-98.7	-33	19.7

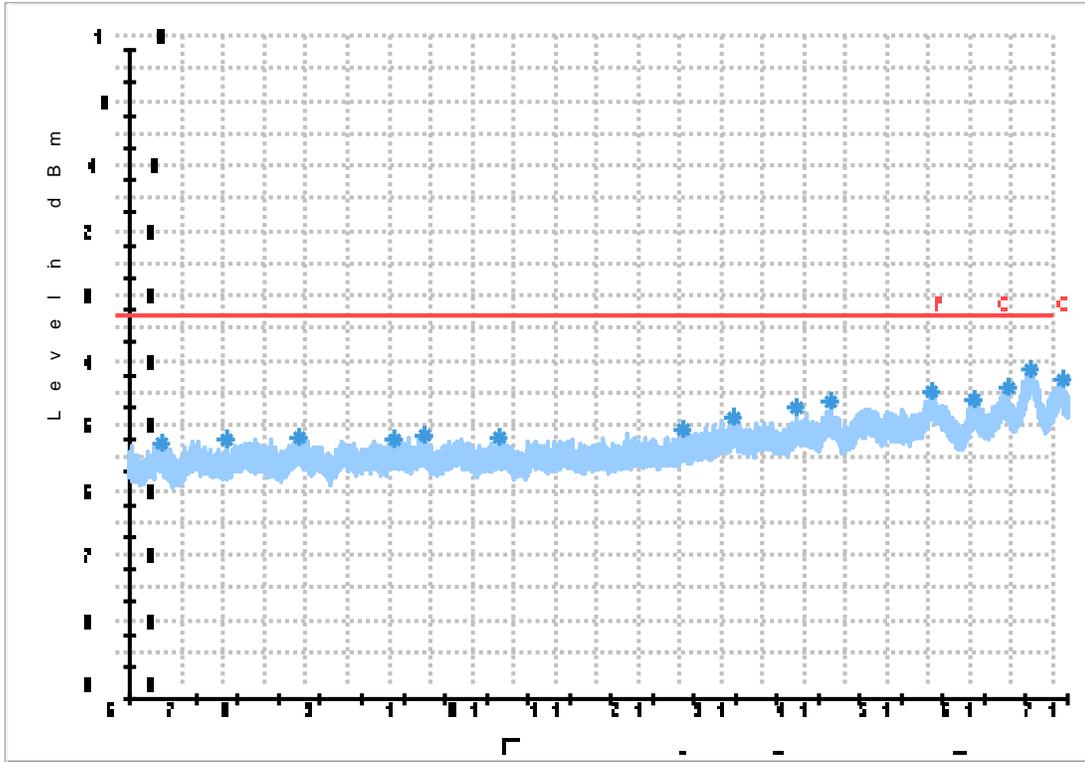
**TEST**

Comment: VER-30MHz~6.7GHz



Frequency (MHz)	MaxPeak-MaxHold (dBm)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Limit (dBm)	Margin (dB)
34.5105	-76.4	150	V	142	-110.2	-33	43.4
80.4885	-64.1	150	V	348	-111.3	-33	31.1
89.1215	-68.2	150	V	26	-109.9	-33	35.2
163.0355	-68.6	150	V	26	-108.6	-33	35.6
368.627	-62.3	150	V	215	-106.8	-33	29.3
737.324	-72.8	150	V	336	-100.9	-33	39.8
870.7475	-60.5	150	V	336	-99.4	-33	27.5
871.2325	-61.5	150	V	336	-99.5	-33	28.5
873.9	-57.9	150	V	227	-99.8	-33	24.9
2261.2	-62.5	150	V	147	-108.5	-33	29.5
3461.76	-56.3	150	V	0	-104.7	-33	23.3
3859.51	-55.7	150	V	20	-102.7	-33	22.7
4361.23	-54	150	V	20	-102.1	-33	21
4674.99	-53.7	150	V	60	-101	-33	20.7
4993.93	-43.6	150	V	138	-101.6	-33	10.6
5243.31	-33.3	150	V	308	-101.9	-33	0.3
6552.37	-52.9	150	V	297	-99	-33	19.9

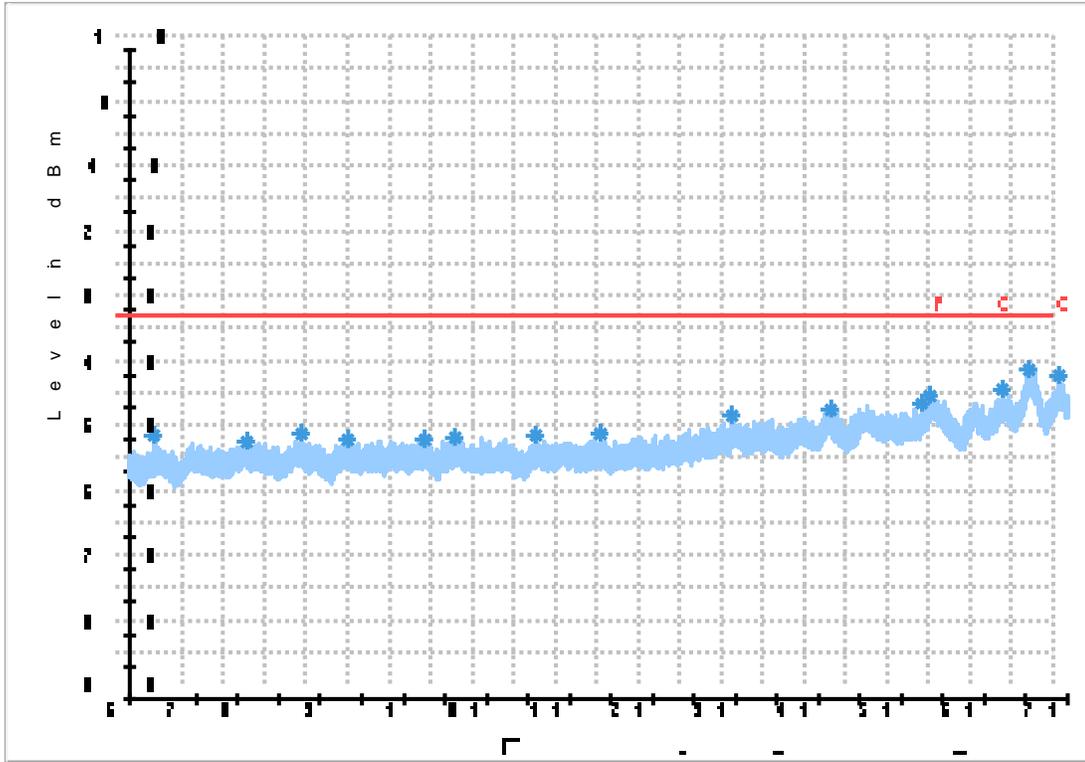
Comment: HOR-6.7GHz~18GHz



**Data Reduction Result 1 [4]**

Frequency (MHz)	MaxPeak-MaxHold (dBm)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Limit (dBm)	Margin (dB)
7087.966667	-50.6	150	H	241	-96.1	-33	17.6
7879.343333	-50.1	150	H	0	-95.9	-33	17.1
8748.69	-49.8	150	H	102	-95	-33	16.8
9880.196667	-50	150	H	351	-94.8	-33	17
10265.15	-49.5	150	H	241	-94.1	-33	16.5
11158.98	-49.8	150	H	0	-93.6	-33	16.8
13377.923333	-48.5	150	H	344	-91.2	-33	15.5
13985.11	-46.5	150	H	92	-89	-33	13.5
14733.54667	-45.1	150	H	205	-88.5	-33	12.1
15153.90667	-44.1	150	H	344	-86.8	-33	11.1
16378.82667	-42.5	150	H	142	-83.7	-33	9.5
16872.63667	-43.8	150	H	228	-85.7	-33	10.8
17289.98333	-42.1	150	H	81	-83	-33	9.1
17564.95	-39.3	150	H	18	-78.3	-33	6.3
17953.29333	-40.7	150	H	146	-80.8	-33	7.7

Comment: VER-6.7GHz~18GHz



**Data Reduction Result 1 [4]**

Frequency (MHz)	MaxPeak-MaxHold (dBm)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Limit (dBm)	Margin (dB)
7002.086667	-49.4	150	H	351	-96.4	-33	16.4
8108.356667	-50.4	150	H	167	-95.3	-33	17.4
8767.146667	-49.1	150	H	309	-95	-33	16.1
9321.223333	-50.1	150	H	255	-95.1	-33	17.1
10244.056667	-50	150	H	297	-94.2	-33	17
10632.023333	-49.6	150	H	114	-93.7	-33	16.6
11604.2	-49.5	150	H	242	-92.5	-33	16.5
12372.223333	-49.1	150	H	91	-93	-33	16.1
13967.406667	-46.4	150	H	154	-88.9	-33	13.4
15159.933333	-45.4	150	H	193	-86.9	-33	12.4
16251.513333	-44.6	150	H	170	-86.5	-33	11.6
16346.433333	-43.2	150	H	170	-84.4	-33	10.2
17212.39	-42.2	150	H	0	-82.3	-33	9.2
17547.623333	-39.1	150	H	319	-78.6	-33	6.1
17901.313333	-40.3	150	H	177	-80.5	-33	7.3

## 8 FREQUENCY STABILITY

### Applicable Standard: FCC§15.407(g)

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

### Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
GZ-ESPEC	Temperature Chamber	EW0470	06113028	2014.06.25	2015.06.25
Agilent	MXA Series Spectrum Analyzer	N9020A	MY51240300	2015.12.10	2016.12.10
Agilent	MXA Series Spectrum Analyzer	N9030A	MY53310566	2015.06.28	2016.06.28
Gretech	10dB Attenuator	SGR-SJQ-10	09112005	2015.06.13	2016.06.13

**\*statement of traceability:** ZTE Corporation Reliability Testing Center attest that all calibration have been performed per the NVLAP requirements, traceable to NIST.

### Test Procedure

**Frequency Stability vs. Temperature:** The equipment under test was connected to an external DC power supply and the RF output was connected to a Spectrum Analyzer via feed-through attenuators. The EUT was placed inside the temperature chamber. The DC leads and RF output cable exited the chamber through an opening made for the purpose.

After the temperature stabilized for approximately 150 minutes, the frequency output was recorded from the counter.

**Frequency Stability vs. Voltage:** An external variable DC power supply Source. The voltage was set to 115% of the nominal value and was then decreased until the transmitter light no longer illuminated; i.e., the end point. The output frequency was recorded for each voltage.

**Environmental Conditions**

Normal condition:	25° C
Relative Humidity:	54%
ATM Pressure:	1011 mbar

**Test Result:** Pass**Test Mode:** Transmitting OFDM MIMO Access Point**Test Data****Frequency Stability versus Temperature**

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5160MHz)					
Temperature (°C)	Power Supplied (V <sub>DC</sub> )	Port	Modulation	Frequency Measure Error (Hz)	Result
-40	-48	0	QPSK	2.84	Pass
			16QAM	0.96	Pass
			64QAM	4.54	Pass
		1	QPSK	1.43	Pass
			16QAM	3.32	Pass
			64QAM	-1.41	Pass
		2	QPSK	2.39	Pass
			16QAM	-1.52	Pass
			64QAM	0.73	Pass
		3	QPSK	-3.52	Pass
			16QAM	-3.91	Pass
			64QAM	-0.11	Pass
-30	-48	0	QPSK	1.03	Pass
			16QAM	2.15	Pass

<b>Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5160MHz)</b>						
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>	
		1	64QAM	-0.47	Pass	
			QPSK	2.16	Pass	
			16QAM	4.68	Pass	
		2	64QAM	QPSK	-0.95	Pass
				QPSK	-2.74	Pass
				16QAM	-4.68	Pass
		3	64QAM	QPSK	1.43	Pass
				QPSK	-0.8	Pass
				16QAM	4.39	Pass
-20	-48	0	64QAM	4.24	Pass	
			QPSK	-0.28	Pass	
			16QAM	-2.77	Pass	
		1	64QAM	QPSK	-4.66	Pass
				QPSK	1.44	Pass
				16QAM	-0.8	Pass
		2	64QAM	QPSK	-2.57	Pass
				QPSK	-1.13	Pass
				16QAM	1.3	Pass
		3	64QAM	QPSK	-4.68	Pass
				QPSK	0.08	Pass
				16QAM	0.88	Pass
-10	-48	0	64QAM	2.4	Pass	
			QPSK	1.75	Pass	
			16QAM	-2.09	Pass	
		1	64QAM	QPSK	2.77	Pass
				QPSK	3.27	Pass
				16QAM	-1.57	Pass
		2	64QAM	QPSK	0.31	Pass
				QPSK	3.62	Pass
				16QAM	-4.87	Pass
3	64QAM	QPSK	4.64	Pass		
		QPSK	0.1	Pass		
		16QAM	3.53	Pass		
			64QAM	-0.6	Pass	

<b>Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5160MHz)</b>					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
0	-48	0	QPSK	3.79	Pass
			16QAM	1.72	Pass
			64QAM	-3.49	Pass
		1	QPSK	-2.97	Pass
			16QAM	-2.78	Pass
			64QAM	-2.36	Pass
		2	QPSK	0.05	Pass
			16QAM	1.15	Pass
			64QAM	3.94	Pass
		3	QPSK	2.86	Pass
			16QAM	1.47	Pass
			64QAM	2.09	Pass
10	-48	0	QPSK	1.55	Pass
			16QAM	1.36	Pass
			64QAM	0.2	Pass
		1	QPSK	0.59	Pass
			16QAM	-3.48	Pass
			64QAM	-1.04	Pass
		2	QPSK	0.16	Pass
			16QAM	4.99	Pass
			64QAM	-0.16	Pass
		3	QPSK	-1.23	Pass
			16QAM	-4.5	Pass
			64QAM	-1.68	Pass
20	-48	0	QPSK	3.37	Pass
			16QAM	-2.05	Pass
			64QAM	-4.35	Pass
		1	QPSK	-1.47	Pass
			16QAM	2.23	Pass
			64QAM	4.46	Pass
		2	QPSK	1.67	Pass
			16QAM	-3.71	Pass
			64QAM	3.88	Pass
		3	QPSK	-1.78	Pass

<b>Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5160MHz)</b>						
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>	
30	-48	0	16QAM	-2.62	Pass	
			64QAM	4.93	Pass	
			QPSK	1.97	Pass	
		1	0	16QAM	4.48	Pass
				64QAM	2.71	Pass
				QPSK	2	Pass
		2	1	16QAM	0.17	Pass
				64QAM	3.64	Pass
				QPSK	3.21	Pass
		3	2	16QAM	3.55	Pass
				64QAM	1.71	Pass
				QPSK	-3.24	Pass
40	-48	0	16QAM	-4.41	Pass	
			64QAM	3.35	Pass	
			QPSK	-4.99	Pass	
		1	0	16QAM	-1.35	Pass
				64QAM	-2.24	Pass
				QPSK	1.31	Pass
		2	1	16QAM	-0.74	Pass
				64QAM	0.46	Pass
				QPSK	3.82	Pass
3	2	16QAM	-4.08	Pass		
		64QAM	0.61	Pass		
		QPSK	-4.18	Pass		
50	-48	0	16QAM	-3.04	Pass	
			64QAM	0.17	Pass	
			QPSK	-4.67	Pass	
		1	0	16QAM	1.35	Pass
				64QAM	4.95	Pass
				QPSK	4.74	Pass
2	1	16QAM	2.44	Pass		
		64QAM	-1.72	Pass		
3	2	16QAM	-2.61	Pass		
		QPSK	3.58	Pass		

<b>Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5160MHz)</b>					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
		3	64QAM	-1.13	Pass
			QPSK	-0.46	Pass
			16QAM	-3.73	Pass
			64QAM	-1.51	Pass
55	-48	0	QPSK	-3.18	Pass
			16QAM	-1.87	Pass
			64QAM	-1.28	Pass
		1	QPSK	-2.34	Pass
			16QAM	-3.04	Pass
			64QAM	-3.03	Pass
		2	QPSK	1.81	Pass
			16QAM	-3.74	Pass
			64QAM	3.91	Pass
		3	QPSK	-1.63	Pass
			16QAM	2.71	Pass
			64QAM	2.1	Pass

<b>Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5200MHz)</b>					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
-40	-48	0	QPSK	4.46	Pass
			16QAM	4.38	Pass
			64QAM	-1.77	Pass
		1	QPSK	0.98	Pass
			16QAM	-1.91	Pass
			64QAM	-0.87	Pass
		2	QPSK	0.13	Pass
			16QAM	0.13	Pass
			64QAM	-1.95	Pass
		3	QPSK	0.26	Pass
			16QAM	-3.48	Pass
			64QAM	3.21	Pass

<b>Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5200MHz)</b>					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
-30	-48	0	QPSK	0.34	Pass
			16QAM	0.59	Pass
			64QAM	0.11	Pass
		1	QPSK	2.8	Pass
			16QAM	2.08	Pass
			64QAM	-3.74	Pass
		2	QPSK	-4.7	Pass
			16QAM	2.03	Pass
			64QAM	2.9	Pass
		3	QPSK	3.95	Pass
			16QAM	-1.67	Pass
			64QAM	-4.07	Pass
-20	-48	0	QPSK	-2.56	Pass
			16QAM	2.08	Pass
			64QAM	-3.85	Pass
		1	QPSK	3.71	Pass
			16QAM	-4.95	Pass
			64QAM	0.67	Pass
		2	QPSK	2.73	Pass
			16QAM	-2.15	Pass
			64QAM	0.09	Pass
		3	QPSK	-3.42	Pass
			16QAM	0.44	Pass
			64QAM	2.31	Pass
-10	-48	0	QPSK	3.84	Pass
			16QAM	-2.77	Pass
			64QAM	4.41	Pass
		1	QPSK	1.66	Pass
			16QAM	1.1	Pass
			64QAM	-3.39	Pass
		2	QPSK	3.67	Pass
			16QAM	0.97	Pass
			64QAM	-0.11	Pass
3	QPSK	3.1	Pass		

<b>Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5200MHz)</b>							
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>		
0	-48	0	16QAM	-2.72	Pass		
			64QAM	4.25	Pass		
			QPSK	0.03	Pass		
		1	16QAM	-4.37	Pass		
			64QAM	2.94	Pass		
			QPSK	-3.54	Pass		
		2	16QAM	2.88	Pass		
			64QAM	-4.4	Pass		
			QPSK	3.02	Pass		
		3	16QAM	-4.84	Pass		
			64QAM	-1.38	Pass		
			QPSK	-2.11	Pass		
		10	-48	0	16QAM	1.35	Pass
					64QAM	3.98	Pass
					QPSK	0.63	Pass
1	16QAM			1.73	Pass		
	64QAM			-3.77	Pass		
	QPSK			4.53	Pass		
2	16QAM			2.64	Pass		
	64QAM			0.09	Pass		
	QPSK			2.92	Pass		
3	16QAM			-0.51	Pass		
	64QAM			4	Pass		
	QPSK			-0.33	Pass		
20	-48	0	16QAM	-4.29	Pass		
			64QAM	-0.28	Pass		
			QPSK	3.1	Pass		
		1	16QAM	4.64	Pass		
			64QAM	1.63	Pass		
			QPSK	2.31	Pass		
		2	16QAM	2.08	Pass		
			64QAM	-3.84	Pass		
			QPSK	-1.08	Pass		
			16QAM	-0.35	Pass		

<b>Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5200MHz)</b>					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
		3	64QAM	-2.86	Pass
			QPSK	-2.48	Pass
			16QAM	-4.26	Pass
			64QAM	4.66	Pass
30	-48	0	QPSK	-4.83	Pass
			16QAM	-4.4	Pass
			64QAM	2.98	Pass
		1	QPSK	-0.43	Pass
			16QAM	-0.53	Pass
			64QAM	4.6	Pass
		2	QPSK	-0.96	Pass
			16QAM	0.63	Pass
			64QAM	-0.95	Pass
		3	QPSK	-3.81	Pass
			16QAM	-4.38	Pass
			64QAM	3.39	Pass
40	-48	0	QPSK	-3.41	Pass
			16QAM	3.06	Pass
			64QAM	-1.2	Pass
		1	QPSK	-3.64	Pass
			16QAM	-3.18	Pass
			64QAM	4.63	Pass
		2	QPSK	2.67	Pass
			16QAM	3.67	Pass
			64QAM	-4.38	Pass
		3	QPSK	-1.57	Pass
			16QAM	2.99	Pass
			64QAM	4.65	Pass
50	-48	0	QPSK	-4.47	Pass
			16QAM	-3.53	Pass
			64QAM	1.5	Pass
		1	QPSK	-0.78	Pass
			16QAM	1.81	Pass
			64QAM	3.35	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5200MHz)					
Temperature (°C)	Power Supplied (V <sub>DC</sub> )	Port	Modulation	Frequency Measure Error (Hz)	Result
		2	QPSK	0.63	Pass
			16QAM	-3.19	Pass
			64QAM	0.75	Pass
		3	QPSK	4.71	Pass
			16QAM	4	Pass
			64QAM	2.02	Pass
55	-48	0	QPSK	3.36	Pass
			16QAM	-3.76	Pass
			64QAM	2.77	Pass
		1	QPSK	-4.5	Pass
			16QAM	-0.91	Pass
			64QAM	-2.03	Pass
		2	QPSK	-2.63	Pass
			16QAM	0.91	Pass
			64QAM	-0.64	Pass
		3	QPSK	4.76	Pass
			16QAM	0.42	Pass
			64QAM	4.93	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5240MHz)					
Temperature (°C)	Power Supplied (V <sub>DC</sub> )	Port	Modulation	Frequency Measure Error (Hz)	Result
-40	-48	0	QPSK	-2.1	Pass
			16QAM	0.88	Pass
			64QAM	-2.07	Pass
		1	QPSK	-1.04	Pass
			16QAM	3.89	Pass
			64QAM	4.89	Pass
		2	QPSK	1.73	Pass
			16QAM	3.72	Pass
			64QAM	4.56	Pass
		3	QPSK	0.6	Pass

<b>Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5240MHz)</b>							
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>		
-30	-48	0	16QAM	1.38	Pass		
			64QAM	4.04	Pass		
			QPSK	-2.78	Pass		
		1	-48	0	16QAM	-5	Pass
					64QAM	-0.16	Pass
					QPSK	4.43	Pass
		2	-48	1	16QAM	0.52	Pass
					64QAM	1.92	Pass
					QPSK	1.25	Pass
		3	-48	2	16QAM	-1.74	Pass
					64QAM	1.03	Pass
					QPSK	-0.89	Pass
-20	-48	0	16QAM	3.28	Pass		
			64QAM	3.03	Pass		
			QPSK	-2.21	Pass		
		1	-48	0	16QAM	1.33	Pass
					64QAM	4.26	Pass
					QPSK	-1.1	Pass
		2	-48	1	16QAM	2.62	Pass
					64QAM	-0.89	Pass
					QPSK	-1.45	Pass
3	-48	2	16QAM	4.05	Pass		
			64QAM	-3	Pass		
			QPSK	2.39	Pass		
-10	-48	0	16QAM	3.31	Pass		
			64QAM	2.74	Pass		
			QPSK	-3.55	Pass		
		1	-48	0	16QAM	0.8	Pass
					64QAM	-0.83	Pass
					QPSK	3.47	Pass
2	-48	1	16QAM	4.61	Pass		
			64QAM	2.62	Pass		
			QPSK	-1.59	Pass		
2	-48	2	16QAM	2.4	Pass		

<b>Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5240MHz)</b>					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
		3	64QAM	-4.07	Pass
			QPSK	-1.47	Pass
			16QAM	2.47	Pass
			64QAM	-4.23	Pass
0	-48	0	QPSK	-4.83	Pass
			16QAM	-0.41	Pass
			64QAM	4.06	Pass
		1	QPSK	2.21	Pass
			16QAM	-0.54	Pass
			64QAM	-4.5	Pass
		2	QPSK	1.67	Pass
			16QAM	3.59	Pass
			64QAM	3.04	Pass
		3	QPSK	-2.74	Pass
			16QAM	1.63	Pass
			64QAM	-2.63	Pass
10	-48	0	QPSK	4.93	Pass
			16QAM	-2.88	Pass
			64QAM	4.35	Pass
		1	QPSK	-4.93	Pass
			16QAM	3.59	Pass
			64QAM	1.59	Pass
		2	QPSK	-4.88	Pass
			16QAM	-5	Pass
			64QAM	-4.5	Pass
		3	QPSK	-0.5	Pass
			16QAM	0.67	Pass
			64QAM	3.59	Pass
20	-48	0	QPSK	2.15	Pass
			16QAM	3	Pass
			64QAM	-0.75	Pass
		1	QPSK	3.4	Pass
			16QAM	-4.69	Pass
			64QAM	-3.71	Pass

<b>Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5240MHz)</b>					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
		2	QPSK	-3.61	Pass
			16QAM	0.04	Pass
			64QAM	-1.35	Pass
		3	QPSK	-0.05	Pass
			16QAM	-3.55	Pass
			64QAM	2.73	Pass
30	-48	0	QPSK	4.61	Pass
			16QAM	1.1	Pass
			64QAM	-2.97	Pass
		1	QPSK	4.39	Pass
			16QAM	4.9	Pass
			64QAM	-4.07	Pass
		2	QPSK	2.77	Pass
			16QAM	-4.12	Pass
			64QAM	4.85	Pass
		3	QPSK	-3.36	Pass
			16QAM	-0.72	Pass
			64QAM	1.76	Pass
40	-48	0	QPSK	-3.72	Pass
			16QAM	2.36	Pass
			64QAM	-4.1	Pass
		1	QPSK	4.73	Pass
			16QAM	1.57	Pass
			64QAM	0.75	Pass
		2	QPSK	1.26	Pass
			16QAM	4.04	Pass
			64QAM	4.51	Pass
		3	QPSK	2.29	Pass
			16QAM	1.33	Pass
			64QAM	-3.93	Pass
50	-48	0	QPSK	1.72	Pass
			16QAM	-4.94	Pass
			64QAM	-2.99	Pass
		1	QPSK	0.11	Pass

<b>Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5240MHz)</b>					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
			16QAM	-0.91	Pass
			64QAM	-4.72	Pass
			QPSK	-2.17	Pass
		2	16QAM	3.09	Pass
			64QAM	2.48	Pass
			QPSK	-4.35	Pass
		3	16QAM	2.23	Pass
			64QAM	-1.34	Pass
			QPSK	3.86	Pass
55	-48	0	16QAM	-3.63	Pass
			64QAM	-4.18	Pass
			QPSK	-3.05	Pass
		1	16QAM	-3.57	Pass
			64QAM	4.16	Pass
			QPSK	-4.11	Pass
		2	16QAM	-4.8	Pass
			64QAM	-4.89	Pass
			QPSK	-3.26	Pass
		3	16QAM	3.89	Pass
			64QAM	-2.59	Pass
			QPSK	3.86	Pass

<b>Frequency Stability vs. Temperature (Channel Bandwidth:4*20M Frequency :5160+5180+5200+5220MHz)</b>					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
-40	-48	0	QPSK	-2.72	Pass
			16QAM	1.37	Pass
			64QAM	1.71	Pass
		1	QPSK	-0.97	Pass
			16QAM	-4.59	Pass
			64QAM	0.49	Pass
		2	QPSK	1.75	Pass
			16QAM	0.64	Pass

<b>Frequency Stability vs. Temperature</b> <b>(Channel Bandwidth:4*20M Frequency :5160+5180+5200+5220MHz)</b>					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
		3	64QAM	-0.24	Pass
			QPSK	-3.51	Pass
			16QAM	0.55	Pass
			64QAM	-1.54	Pass
-30	-48	0	QPSK	-3.17	Pass
			16QAM	-0.03	Pass
			64QAM	0.17	Pass
		1	QPSK	3.93	Pass
			16QAM	0.58	Pass
			64QAM	-4.22	Pass
		2	QPSK	-3.4	Pass
			16QAM	2.87	Pass
			64QAM	4.27	Pass
		3	QPSK	2.41	Pass
			16QAM	-3.4	Pass
			64QAM	-4.95	Pass
-20	-48	0	QPSK	0.13	Pass
			16QAM	3.69	Pass
			64QAM	-2.89	Pass
		1	QPSK	1.23	Pass
			16QAM	3.9	Pass
			64QAM	3.43	Pass
		2	QPSK	-1	Pass
			16QAM	2.12	Pass
			64QAM	4.31	Pass
		3	QPSK	-3.61	Pass
			16QAM	-0.74	Pass
			64QAM	-0.45	Pass
-10	-48	0	QPSK	-3.73	Pass
			16QAM	1.07	Pass
			64QAM	-1.65	Pass
		1	QPSK	-4.83	Pass
			16QAM	-2.49	Pass
			64QAM	0.62	Pass

<b>Frequency Stability vs. Temperature</b> (Channel Bandwidth:4*20M Frequency :5160+5180+5200+5220MHz)					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
		2	QPSK	-1	Pass
			16QAM	2.21	Pass
			64QAM	2.29	Pass
		3	QPSK	2.21	Pass
			16QAM	4.23	Pass
			64QAM	-1.08	Pass
0	-48	0	QPSK	-2.87	Pass
			16QAM	4.57	Pass
			64QAM	2.14	Pass
		1	QPSK	3.83	Pass
			16QAM	3.34	Pass
			64QAM	3.43	Pass
		2	QPSK	2.7	Pass
			16QAM	4.59	Pass
			64QAM	-0.44	Pass
		3	QPSK	3.57	Pass
			16QAM	-0.87	Pass
			64QAM	3.24	Pass
10	-48	0	QPSK	3.09	Pass
			16QAM	0.4	Pass
			64QAM	-1.95	Pass
		1	QPSK	-4.15	Pass
			16QAM	-2.72	Pass
			64QAM	4.46	Pass
		2	QPSK	-3.65	Pass
			16QAM	-4.54	Pass
			64QAM	-3.53	Pass
		3	QPSK	3.28	Pass
			16QAM	-2.89	Pass
			64QAM	-0.62	Pass
20	-48	0	QPSK	-2.21	Pass
			16QAM	4.7	Pass
			64QAM	2.34	Pass
		1	QPSK	-2	Pass

<b>Frequency Stability vs. Temperature</b> <b>(Channel Bandwidth:4*20M Frequency :5160+5180+5200+5220MHz)</b>							
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>		
			16QAM	4.98	Pass		
			64QAM	3.41	Pass		
			QPSK	-0.81	Pass		
		2		16QAM	-4.88	Pass	
				64QAM	-2.99	Pass	
				QPSK	-2.27	Pass	
		3		16QAM	-4.36	Pass	
				64QAM	-3.95	Pass	
				QPSK	-2.27	Pass	
30	-48	0	QPSK	1.57	Pass		
			16QAM	-0.25	Pass		
			64QAM	2.95	Pass		
		1		QPSK	-3.71	Pass	
				16QAM	-2.03	Pass	
				64QAM	1.61	Pass	
		2		QPSK	1.64	Pass	
				16QAM	1.47	Pass	
				64QAM	3.8	Pass	
		3		QPSK	-1.38	Pass	
				16QAM	2.71	Pass	
				64QAM	1.25	Pass	
		40	-48	0	QPSK	-2.78	Pass
					16QAM	-1.49	Pass
					64QAM	2.89	Pass
1				QPSK	-0.31	Pass	
				16QAM	-3.86	Pass	
				64QAM	1.32	Pass	
2				QPSK	4.82	Pass	
				16QAM	4.59	Pass	
				64QAM	4.47	Pass	
3				QPSK	4.38	Pass	
				16QAM	3.83	Pass	
				64QAM	-2.35	Pass	
50	-48	0	QPSK	-0.49	Pass		
			16QAM	-0.26	Pass		

<b>Frequency Stability vs. Temperature</b> (Channel Bandwidth:4*20M Frequency :5160+5180+5200+5220MHz)							
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>		
		1	64QAM	3.56	Pass		
			QPSK	-1.18	Pass		
			16QAM	-4.88	Pass		
		2	64QAM	0.34	Pass		
			QPSK	0	Pass		
			16QAM	-0.71	Pass		
		3	64QAM	-2.17	Pass		
			QPSK	-1.42	Pass		
			16QAM	1.62	Pass		
		55	-48	0	64QAM	4.33	Pass
					QPSK	-1.28	Pass
					16QAM	3.31	Pass
1	64QAM			1.39	Pass		
	QPSK			-4.55	Pass		
	16QAM			2.24	Pass		
2	64QAM			-0.68	Pass		
	QPSK			2.62	Pass		
	16QAM			-2.57	Pass		
3	64QAM			-4.85	Pass		
	QPSK			-2.17	Pass		
	16QAM			-0.67	Pass		
			64QAM	-2	Pass		

<b>Frequency Stability vs. Temperature</b> (Channel Bandwidth:4*20M Frequency :5170+5190+5210+5230MHz)					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
-40	-48	0	QPSK	1.98	Pass
			16QAM	-1.31	Pass
			64QAM	3.97	Pass
		1	QPSK	-2.38	Pass
			16QAM	-2.03	Pass
			64QAM	4.7	Pass

<b>Frequency Stability vs. Temperature</b> (Channel Bandwidth:4*20M Frequency :5170+5190+5210+5230MHz)					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
		2	QPSK	4.31	Pass
			16QAM	4.67	Pass
			64QAM	-3.96	Pass
		3	QPSK	2.38	Pass
			16QAM	0.3	Pass
			64QAM	2.83	Pass
-30	-48	0	QPSK	4.79	Pass
			16QAM	3.25	Pass
			64QAM	-2.23	Pass
		1	QPSK	-0.95	Pass
			16QAM	-2.98	Pass
			64QAM	4.53	Pass
		2	QPSK	-1.52	Pass
			16QAM	3.49	Pass
			64QAM	-4.28	Pass
		3	QPSK	1.25	Pass
			16QAM	-3.33	Pass
			64QAM	1.05	Pass
-20	-48	0	QPSK	-4.01	Pass
			16QAM	2.26	Pass
			64QAM	-2.01	Pass
		1	QPSK	3.67	Pass
			16QAM	1.3	Pass
			64QAM	1.46	Pass
		2	QPSK	-0.85	Pass
			16QAM	-2.26	Pass
			64QAM	-1.9	Pass
		3	QPSK	4.22	Pass
			16QAM	-1.51	Pass
			64QAM	-2.55	Pass
-10	-48	0	QPSK	-4.78	Pass
			16QAM	-0.2	Pass
			64QAM	3.45	Pass
		1	QPSK	-2.83	Pass

<b>Frequency Stability vs. Temperature</b> <b>(Channel Bandwidth:4*20M Frequency :5170+5190+5210+5230MHz)</b>						
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>	
			16QAM	-0.98	Pass	
			64QAM	4.08	Pass	
			QPSK	0.25	Pass	
		2		16QAM	-0.29	Pass
				64QAM	-0.14	Pass
				QPSK	2.57	Pass
		3		16QAM	1.02	Pass
				64QAM	4.56	Pass
				QPSK	-4.49	Pass
0	-48	0	16QAM	-4.36	Pass	
			64QAM	1.6	Pass	
			QPSK	2.14	Pass	
		1		16QAM	0.55	Pass
				64QAM	4.88	Pass
				QPSK	0.82	Pass
		2		16QAM	3.51	Pass
				64QAM	-3.74	Pass
				QPSK	-1.7	Pass
		3		16QAM	4.32	Pass
				64QAM	4.14	Pass
				QPSK	-3.53	Pass
10	-48	0	16QAM	-0.73	Pass	
			64QAM	4.57	Pass	
			QPSK	-2.23	Pass	
		1		16QAM	-0.87	Pass
				64QAM	-3.91	Pass
				QPSK	4.36	Pass
		2		16QAM	-4.32	Pass
				64QAM	-2.11	Pass
				QPSK	-3.23	Pass
3		16QAM	1.66	Pass		
		64QAM	0.41	Pass		
		QPSK	2.04	Pass		
20	-48	0	16QAM	-1.14	Pass	
			QPSK			

<b>Frequency Stability vs. Temperature</b> <b>(Channel Bandwidth:4*20M Frequency :5170+5190+5210+5230MHz)</b>						
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>	
		1	64QAM	-1.53	Pass	
			QPSK	2.28	Pass	
			16QAM	0.13	Pass	
		2	64QAM	QPSK	-1.92	Pass
				QPSK	-0.08	Pass
				16QAM	-1.26	Pass
		3	64QAM	QPSK	0.58	Pass
				QPSK	-2.14	Pass
				16QAM	-4.78	Pass
30	-48	0	64QAM	-1.91	Pass	
			QPSK	-1.26	Pass	
			16QAM	0.05	Pass	
		1	64QAM	QPSK	1.15	Pass
				QPSK	-3.52	Pass
				16QAM	3.89	Pass
		2	64QAM	QPSK	-4.93	Pass
				QPSK	1.86	Pass
				16QAM	-4.03	Pass
3	64QAM	QPSK	-2.51	Pass		
		QPSK	-4.01	Pass		
		16QAM	-1.37	Pass		
40	-48	0	64QAM	-4.23	Pass	
			QPSK	-0.5	Pass	
			16QAM	3.61	Pass	
		1	64QAM	QPSK	-2.4	Pass
				QPSK	-2.24	Pass
				16QAM	-4.96	Pass
		2	64QAM	QPSK	-0.41	Pass
				QPSK	4.66	Pass
				16QAM	4.99	Pass
3	64QAM	QPSK	-0.76	Pass		
		QPSK	0.75	Pass		
		16QAM	-3.82	Pass		
			64QAM	-4.41	Pass	

<b>Frequency Stability vs. Temperature</b> (Channel Bandwidth:4*20M Frequency :5170+5190+5210+5230MHz)					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
50	-48	0	QPSK	-1.19	Pass
			16QAM	-2.41	Pass
			64QAM	4.79	Pass
		1	QPSK	-3.36	Pass
			16QAM	-5	Pass
			64QAM	-0.03	Pass
		2	QPSK	-0.75	Pass
			16QAM	4.72	Pass
			64QAM	4.71	Pass
		3	QPSK	0.15	Pass
			16QAM	-4.42	Pass
			64QAM	-1.52	Pass
55	-48	0	QPSK	2.98	Pass
			16QAM	1.74	Pass
			64QAM	2.41	Pass
		1	QPSK	3.4	Pass
			16QAM	-0.77	Pass
			64QAM	3.73	Pass
		2	QPSK	-2.8	Pass
			16QAM	1.11	Pass
			64QAM	-0.93	Pass
		3	QPSK	-1.88	Pass
			16QAM	2.82	Pass
			64QAM	2.85	Pass

<b>Frequency Stability vs. Temperature</b> (Channel Bandwidth:4*20M Frequency :5180+5200+5220+5240MHz)					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
-40	-48	0	QPSK	-4.68	Pass
			16QAM	-4.45	Pass
			64QAM	-2.95	Pass
		1	QPSK	-0.97	Pass

<b>Frequency Stability vs. Temperature</b> (Channel Bandwidth:4*20M Frequency :5180+5200+5220+5240MHz)							
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>		
			16QAM	4.8	Pass		
			64QAM	4.11	Pass		
			QPSK	-1.74	Pass		
		2		16QAM	3.57	Pass	
				64QAM	4.98	Pass	
				QPSK	1.51	Pass	
		3		16QAM	3.6	Pass	
				64QAM	-4.59	Pass	
				QPSK			
-30	-48	0	QPSK	-2.6	Pass		
			16QAM	-2.53	Pass		
			64QAM	3.34	Pass		
		1		QPSK	-2.38	Pass	
				16QAM	-4.97	Pass	
				64QAM	-1.49	Pass	
		2		QPSK	3.1	Pass	
				16QAM	-3.28	Pass	
				64QAM	0.08	Pass	
		3		QPSK	-1.21	Pass	
				16QAM	3.53	Pass	
				64QAM	3.09	Pass	
		-20	-48	0	QPSK	-4.49	Pass
					16QAM	3.93	Pass
					64QAM	3.6	Pass
1				QPSK	-3.94	Pass	
				16QAM	4.84	Pass	
				64QAM	-1.74	Pass	
2				QPSK	-4.88	Pass	
				16QAM	4.48	Pass	
				64QAM	-3.33	Pass	
3				QPSK	-1.08	Pass	
				16QAM	-1.96	Pass	
				64QAM	1.94	Pass	
-10	-48	0	QPSK	-0.21	Pass		
			16QAM	-0.02	Pass		

<b>Frequency Stability vs. Temperature</b> (Channel Bandwidth:4*20M Frequency :5180+5200+5220+5240MHz)						
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>	
		1	64QAM	-1.07	Pass	
			QPSK	0.1	Pass	
			16QAM	2.18	Pass	
		2	64QAM	QPSK	4.23	Pass
				16QAM	1.04	Pass
				64QAM	1.54	Pass
		3	64QAM	QPSK	-1.36	Pass
				16QAM	3.91	Pass
				64QAM	4.02	Pass
0	-48	0	QPSK	0.76	Pass	
			16QAM	-1.51	Pass	
			64QAM	3.14	Pass	
		1	64QAM	QPSK	2.6	Pass
				16QAM	-3.5	Pass
				64QAM	2.25	Pass
		2	64QAM	QPSK	-2.67	Pass
				16QAM	1.71	Pass
				64QAM	1.81	Pass
		3	64QAM	QPSK	1.85	Pass
				16QAM	-0.49	Pass
				64QAM	-2.77	Pass
10	-48	0	QPSK	3.98	Pass	
			16QAM	-0.76	Pass	
			64QAM	4.54	Pass	
		1	64QAM	QPSK	4.91	Pass
				16QAM	2.36	Pass
				64QAM	-4.22	Pass
		2	64QAM	QPSK	-0.76	Pass
				16QAM	-1.03	Pass
				64QAM	3.24	Pass
		3	64QAM	QPSK	1.59	Pass
				16QAM	-0.26	Pass
				64QAM	-4.39	Pass

<b>Frequency Stability vs. Temperature</b> <b>(Channel Bandwidth:4*20M Frequency :5180+5200+5220+5240MHz)</b>					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
20	-48	0	QPSK	1.34	Pass
			16QAM	-4.77	Pass
			64QAM	-4.18	Pass
		1	QPSK	4.58	Pass
			16QAM	4.29	Pass
			64QAM	-4.7	Pass
		2	QPSK	4.68	Pass
			16QAM	-1.04	Pass
			64QAM	-2.28	Pass
		3	QPSK	0.88	Pass
			16QAM	2.84	Pass
			64QAM	0.4	Pass
30	-48	0	QPSK	-1.45	Pass
			16QAM	-4.22	Pass
			64QAM	-1.84	Pass
		1	QPSK	-2.42	Pass
			16QAM	-4.93	Pass
			64QAM	3.49	Pass
		2	QPSK	-0.42	Pass
			16QAM	4.65	Pass
			64QAM	0.33	Pass
		3	QPSK	-3.51	Pass
			16QAM	3.78	Pass
			64QAM	1.25	Pass
40	-48	0	QPSK	-1.12	Pass
			16QAM	-2.7	Pass
			64QAM	-1.65	Pass
		1	QPSK	-4.53	Pass
			16QAM	2.22	Pass
			64QAM	0.86	Pass
		2	QPSK	3.13	Pass
			16QAM	0.27	Pass
			64QAM	-3.77	Pass
3	QPSK	-1.86	Pass		

<b>Frequency Stability vs. Temperature</b> (Channel Bandwidth:4*20M Frequency :5180+5200+5220+5240MHz)					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
50	-48	0	16QAM	3.82	Pass
			64QAM	1.18	Pass
			QPSK	-3.36	Pass
		1	16QAM	-4.77	Pass
			64QAM	1.05	Pass
			QPSK	2.7	Pass
		2	16QAM	0.93	Pass
			64QAM	3.64	Pass
			QPSK	-3.33	Pass
		3	16QAM	1.02	Pass
			64QAM	-1.05	Pass
			QPSK	-0.52	Pass
55	-48	0	16QAM	1.86	Pass
			64QAM	-0.14	Pass
			QPSK	3.7	Pass
		1	16QAM	-0.03	Pass
			64QAM	3.5	Pass
			QPSK	3.36	Pass
		2	16QAM	4.78	Pass
			64QAM	-0.96	Pass
			QPSK	-1.44	Pass
		3	16QAM	-1.05	Pass
			64QAM	4.8	Pass
			QPSK	1.78	Pass
			16QAM	4.56	Pass
			64QAM	0.31	Pass
			QPSK		

<b>Frequency Stability vs. Temperature</b> (Channel Bandwidth:4*20M Frequency :5160+5180+5220+5240MHz)					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
-40	-48	0	QPSK	0.97	Pass
			16QAM	3.18	Pass

<b>Frequency Stability vs. Temperature</b> <b>(Channel Bandwidth:4*20M Frequency :5160+5180+5220+5240MHz)</b>						
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>	
		1	64QAM	-0.45	Pass	
			QPSK	2.56	Pass	
			16QAM	1.09	Pass	
		2	64QAM	QPSK	2.14	Pass
				QPSK	-0.22	Pass
				16QAM	-4.36	Pass
		3	64QAM	QPSK	2.05	Pass
				QPSK	3.17	Pass
				16QAM	4.33	Pass
-30	-48	0	64QAM	-3.75	Pass	
			QPSK	-3.97	Pass	
			16QAM	-4.38	Pass	
		1	64QAM	QPSK	4.31	Pass
				QPSK	4.91	Pass
				16QAM	-2.72	Pass
		2	64QAM	QPSK	0.17	Pass
				QPSK	-0.97	Pass
				16QAM	-2.26	Pass
3	64QAM	QPSK	-3.46	Pass		
		QPSK	-0.28	Pass		
		16QAM	-0.1	Pass		
-20	-48	0	64QAM	0.07	Pass	
			QPSK	2.01	Pass	
			16QAM	1.17	Pass	
		1	64QAM	QPSK	-0.53	Pass
				QPSK	-4.56	Pass
				16QAM	-3.07	Pass
		2	64QAM	QPSK	-1.74	Pass
				QPSK	3.23	Pass
				16QAM	-2.17	Pass
3	64QAM	QPSK	-2.44	Pass		
		QPSK	0.36	Pass		
		16QAM	2.4	Pass		
			64QAM	4.7	Pass	

<b>Frequency Stability vs. Temperature</b> (Channel Bandwidth:4*20M Frequency :5160+5180+5220+5240MHz)					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>
-10	-48	0	QPSK	-0.42	Pass
			16QAM	0.7	Pass
			64QAM	4.18	Pass
		1	QPSK	1.04	Pass
			16QAM	2.17	Pass
			64QAM	-0.2	Pass
		2	QPSK	1.96	Pass
			16QAM	-1.86	Pass
			64QAM	3.42	Pass
		3	QPSK	1.34	Pass
			16QAM	-4.43	Pass
			64QAM	-0.63	Pass
0	-48	0	QPSK	1.18	Pass
			16QAM	0.84	Pass
			64QAM	4.17	Pass
		1	QPSK	1.65	Pass
			16QAM	-0.88	Pass
			64QAM	0.32	Pass
		2	QPSK	1.04	Pass
			16QAM	2.28	Pass
			64QAM	-2.5	Pass
		3	QPSK	-2.71	Pass
			16QAM	-4.29	Pass
			64QAM	3.7	Pass
10	-48	0	QPSK	0.72	Pass
			16QAM	1.92	Pass
			64QAM	1.36	Pass
		1	QPSK	0.47	Pass
			16QAM	3.43	Pass
			64QAM	3.51	Pass
		2	QPSK	-0.16	Pass
			16QAM	-2.61	Pass
			64QAM	-2.89	Pass
3	QPSK	3.92	Pass		

<b>Frequency Stability vs. Temperature</b> <b>(Channel Bandwidth:4*20M Frequency :5160+5180+5220+5240MHz)</b>						
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error (Hz)</b>	<b>Result</b>	
20	-48	0	16QAM	1.85	Pass	
			64QAM	-0.48	Pass	
			QPSK	3.34	Pass	
		1	0	16QAM	0.36	Pass
				64QAM	1.97	Pass
				QPSK	2.45	Pass
		2	1	16QAM	3.31	Pass
				64QAM	-2.83	Pass
				QPSK	1.57	Pass
		3	2	16QAM	0.38	Pass
				64QAM	-1.94	Pass
				QPSK	1.24	Pass
30	-48	0	16QAM	-3.06	Pass	
			64QAM	-4.37	Pass	
			QPSK	4.01	Pass	
		1	0	16QAM	3.07	Pass
				64QAM	-4.68	Pass
				QPSK	1.73	Pass
		2	1	16QAM	-1.59	Pass
				64QAM	-1.62	Pass
				QPSK	-4.92	Pass
3	2	16QAM	-1.43	Pass		
		64QAM	-0.76	Pass		
		QPSK	-4.08	Pass		
40	-48	0	16QAM	-3.32	Pass	
			64QAM	0.78	Pass	
			QPSK	-0.83	Pass	
		1	0	16QAM	0.75	Pass
				64QAM	-0.72	Pass
				QPSK	4.9	Pass
2	1	16QAM	-2.94	Pass		
		64QAM	-2.73	Pass		
3	2	16QAM	3.78	Pass		
		64QAM	-1.49	Pass		

<b>Frequency Stability vs. Temperature (Channel Bandwidth:4*20M Frequency :5160+5180+5220+5240MHz)</b>					
<b>Temperature (°C)</b>	<b>Power Supplied (V<sub>DC</sub>)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error ( Hz)</b>	<b>Result</b>
		3	64QAM	2.97	Pass
			QPSK	-4.89	Pass
			16QAM	-2.4	Pass
			64QAM	-0.14	Pass
50	-48	0	QPSK	-4.79	Pass
			16QAM	-0.55	Pass
			64QAM	1.33	Pass
		1	QPSK	4.46	Pass
			16QAM	-3.9	Pass
			64QAM	-1.35	Pass
		2	QPSK	-4.35	Pass
			16QAM	4.23	Pass
			64QAM	3.16	Pass
		3	QPSK	3.05	Pass
			16QAM	0.4	Pass
			64QAM	3.6	Pass
55	-48	0	QPSK	1.46	Pass
			16QAM	-3.76	Pass
			64QAM	-0.63	Pass
		1	QPSK	1.9	Pass
			16QAM	4.71	Pass
			64QAM	2.55	Pass
		2	QPSK	3.18	Pass
			16QAM	-2.02	Pass
			64QAM	2.8	Pass
		3	QPSK	2.19	Pass
			16QAM	2.74	Pass
			64QAM	-2.9	Pass

## Frequency Stability versus Voltage

**Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5160MHz)**

Voltage: Ref=-48V (%)	Temperature (°C)	Port	Modulation	Frequency Measure Error ( Hz)	Result
85%	25°C	0	QPSK	-2.63	Pass
			16QAM	0.52	Pass
			64QAM	-0.68	Pass
		1	QPSK	4.28	Pass
			16QAM	4.76	Pass
			64QAM	-1.19	Pass
		2	QPSK	-0.33	Pass
			16QAM	3.27	Pass
			64QAM	-4.16	Pass
		3	QPSK	4.56	Pass
			16QAM	-0.68	Pass
			64QAM	-0.54	Pass
100%	25°C	0	QPSK	-2.87	Pass
			16QAM	-3.71	Pass
			64QAM	3.46	Pass
		1	QPSK	-0.57	Pass
			16QAM	1.76	Pass
			64QAM	4.09	Pass
		2	QPSK	-3.42	Pass
			16QAM	-3.6	Pass
			64QAM	3.51	Pass
		3	QPSK	2.25	Pass
			16QAM	-2.23	Pass
			64QAM	2.53	Pass
115%	25°C	0	QPSK	0.43	Pass
			16QAM	-2.16	Pass
			64QAM	-4.03	Pass
		1	QPSK	3.47	Pass
			16QAM	-3.12	Pass
			64QAM	0.18	Pass
		2	QPSK	-0.28	Pass
			16QAM	-2.43	Pass
			64QAM	-1.13	Pass
		3	QPSK	-2.9	Pass
			16QAM	-4.7	Pass
			64QAM	-0.18	Pass

<b>Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5200MHz)</b>					
<b>Voltage: Ref=-48V (%)</b>	<b>Temperature (°C)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error ( Hz)</b>	<b>Result</b>
85%	25°C	0	QPSK	-1.58	Pass
			16QAM	1.53	Pass
			64QAM	-3.22	Pass
		1	QPSK	1.79	Pass
			16QAM	3.7	Pass
			64QAM	-4.85	Pass
		2	QPSK	-0.66	Pass
			16QAM	3.14	Pass
			64QAM	4.43	Pass
		3	QPSK	1.99	Pass
			16QAM	1.63	Pass
			64QAM	1.1	Pass
100%	25°C	0	QPSK	-4.1	Pass
			16QAM	-3.72	Pass
			64QAM	-0.41	Pass
		1	QPSK	0.1	Pass
			16QAM	4.34	Pass
			64QAM	1.87	Pass
		2	QPSK	-4.62	Pass
			16QAM	-4.69	Pass
			64QAM	1.6	Pass
		3	QPSK	-0.76	Pass
			16QAM	-2.56	Pass
			64QAM	-1.45	Pass
115%	25°C	0	QPSK	3.28	Pass
			16QAM	-3.04	Pass
			64QAM	2.66	Pass
		1	QPSK	0.09	Pass
			16QAM	-0.72	Pass
		2	64QAM	-1.64	Pass
			QPSK	2.77	Pass
16QAM	-4.25	Pass			

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5200MHz)					
Voltage: Ref=-48V (%)	Temperature (°C)	Port	Modulation	Frequency Measure Error ( Hz)	Result
		3	64QAM	-2.69	Pass
			QPSK	-1.86	Pass
			16QAM	-4.11	Pass
			64QAM	-0.16	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5240MHz)					
Voltage: Ref=-48V (%)	Temperature (°C)	Port	Modulation	Frequency Measure Error ( Hz)	Result
85%	25°C	0	QPSK	2.24	Pass
			16QAM	-4.37	Pass
			64QAM	-3.43	Pass
		1	QPSK	-1.28	Pass
			16QAM	-2.01	Pass
			64QAM	-4.77	Pass
		2	QPSK	2.23	Pass
			16QAM	3.67	Pass
			64QAM	1.4	Pass
		3	QPSK	0.65	Pass
			16QAM	-1.49	Pass
			64QAM	4.71	Pass
100%	25°C	0	QPSK	-2.14	Pass
			16QAM	-3.64	Pass
			64QAM	4.23	Pass
		1	QPSK	2.87	Pass
			16QAM	-3.59	Pass
			64QAM	1.22	Pass
		2	QPSK	1.81	Pass
			16QAM	-1.18	Pass
			64QAM	-3.93	Pass
		3	QPSK	-2.04	Pass
			16QAM	-3.18	Pass
			64QAM	-2.38	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:20M Frequency :5240MHz)					
Voltage: Ref=-48V (%)	Temperature (°C)	Port	Modulation	Frequency Measure Error ( Hz)	Result
115%	25°C	0	QPSK	-2.05	Pass
			16QAM	1.89	Pass
			64QAM	-0.6	Pass
		1	QPSK	0.58	Pass
			16QAM	1.98	Pass
			64QAM	-4.97	Pass
		2	QPSK	1.27	Pass
			16QAM	-3.01	Pass
			64QAM	2.4	Pass
		3	QPSK	-4.3	Pass
			16QAM	-2.02	Pass
			64QAM	1.58	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:4*20M Frequency :5160+5180+5200+5220MHz)					
Voltage: Ref=-48V (%)	Temperature (°C)	Port	Modulation	Frequency Measure Error ( Hz)	Result
85%	25°C	0	QPSK	-2.74	Pass
			16QAM	3.81	Pass
			64QAM	3.85	Pass
		1	QPSK	4.33	Pass
			16QAM	2.32	Pass
			64QAM	-0.32	Pass
		2	QPSK	-2.37	Pass
			16QAM	4.95	Pass
			64QAM	2.48	Pass
		3	QPSK	1.91	Pass
			16QAM	-1.82	Pass
			64QAM	-0.35	Pass
100%	25°C	0	QPSK	-2.48	Pass
			16QAM	-0.55	Pass
			64QAM	-4.97	Pass
		1	QPSK	2.81	Pass

<b>Frequency Stability vs. Temperature</b> (Channel Bandwidth:4*20M Frequency :5160+5180+5200+5220MHz)					
<b>Voltage: Ref=-48V (%)</b>	<b>Temperature (°C)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error ( Hz)</b>	<b>Result</b>
			16QAM	-1.71	Pass
			64QAM	1.63	Pass
			QPSK	-1.75	Pass
		2	16QAM	-4.77	Pass
			64QAM	2.82	Pass
			QPSK	2.47	Pass
		3	16QAM	1.9	Pass
			64QAM	1.28	Pass
			QPSK	-1.08	Pass
115%	25°C	0	16QAM	2.44	Pass
			64QAM	-0.02	Pass
			QPSK	2.77	Pass
		1	16QAM	0.56	Pass
			64QAM	-2.01	Pass
			QPSK	3.27	Pass
		2	16QAM	-3.23	Pass
			64QAM	-4.47	Pass
			QPSK	-4.18	Pass
		3	16QAM	-4.15	Pass
			64QAM	2.01	Pass
			QPSK	-1.28	Pass

<b>Frequency Stability vs. Temperature</b> (Channel Bandwidth:4*20M Frequency :5170+5190+5210+5230MHz)					
<b>Voltage: Ref=-48V (%)</b>	<b>Temperature (°C)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error ( Hz)</b>	<b>Result</b>
85%	25°C	0	QPSK	-1.28	Pass
			16QAM	-5	Pass
			64QAM	-2.43	Pass
		1	QPSK	-0.98	Pass
			16QAM	3.14	Pass
			64QAM	-0.12	Pass
		2	QPSK	0.36	Pass
			16QAM	-0.62	Pass

<b>Frequency Stability vs. Temperature</b> (Channel Bandwidth:4*20M Frequency :5170+5190+5210+5230MHz)					
<b>Voltage: Ref=-48V (%)</b>	<b>Temperature (°C)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error ( Hz)</b>	<b>Result</b>
		3	64QAM	-4.94	Pass
			QPSK	-0.13	Pass
			16QAM	-2.44	Pass
			64QAM	-4.1	Pass
100%	25°C	0	QPSK	4.51	Pass
			16QAM	2.29	Pass
			64QAM	-4.62	Pass
		1	QPSK	-4.19	Pass
			16QAM	-2.48	Pass
			64QAM	2.98	Pass
		2	QPSK	-0.43	Pass
			16QAM	3.06	Pass
			64QAM	-2.25	Pass
		3	QPSK	4.46	Pass
			16QAM	1.7	Pass
			64QAM	0.78	Pass
115%	25°C	0	QPSK	1.95	Pass
			16QAM	-3.29	Pass
			64QAM	4.97	Pass
		1	QPSK	-4.38	Pass
			16QAM	-2.42	Pass
			64QAM	4.62	Pass
		2	QPSK	4.49	Pass
			16QAM	1.82	Pass
			64QAM	3.87	Pass
		3	QPSK	-0.06	Pass
			16QAM	-0.08	Pass
			64QAM	1.9	Pass

<b>Frequency Stability vs. Temperature</b> (Channel Bandwidth:4*20M Frequency :5180+5200+5220+5240MHz)					
<b>Voltage: Ref=-48V (%)</b>	<b>Temperature (°C)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error ( Hz)</b>	<b>Result</b>

<b>Frequency Stability vs. Temperature</b> (Channel Bandwidth:4*20M Frequency :5180+5200+5220+5240MHz)					
<b>Voltage: Ref=-48V (%)</b>	<b>Temperature (°C)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error ( Hz)</b>	<b>Result</b>
85%	25°C	0	QPSK	-0.17	Pass
			16QAM	3.58	Pass
			64QAM	2.74	Pass
		1	QPSK	2.99	Pass
			16QAM	3.92	Pass
			64QAM	0.94	Pass
		2	QPSK	-3.88	Pass
			16QAM	2.96	Pass
			64QAM	0.61	Pass
		3	QPSK	-4.24	Pass
			16QAM	3.55	Pass
			64QAM	1.12	Pass
100%	25°C	0	QPSK	-3.94	Pass
			16QAM	-4.87	Pass
			64QAM	-0.27	Pass
		1	QPSK	-0.1	Pass
			16QAM	-4.89	Pass
			64QAM	3.1	Pass
		2	QPSK	3.8	Pass
			16QAM	-3.27	Pass
			64QAM	3.69	Pass
		3	QPSK	2.26	Pass
			16QAM	-0.46	Pass
			64QAM	3.09	Pass
115%	25°C	0	QPSK	-1.18	Pass
			16QAM	-2.48	Pass
			64QAM	0.71	Pass
		1	QPSK	-3.01	Pass
			16QAM	-0.04	Pass
			64QAM	-0.24	Pass
		2	QPSK	4.06	Pass
			16QAM	-4.3	Pass
			64QAM	2.7	Pass
3	QPSK	2.96	Pass		

Frequency Stability vs. Temperature (Channel Bandwidth:4*20M Frequency :5180+5200+5220+5240MHz)					
Voltage: Ref=-48V (%)	Temperature (°C)	Port	Modulation	Frequency Measure Error ( Hz)	Result
			16QAM	-2.88	Pass
			64QAM	-4.06	Pass

Frequency Stability vs. Temperature (Channel Bandwidth:4*20M Frequency :5160+5180+5220+5240MHz)					
Voltage: Ref=-48V (%)	Temperature (°C)	Port	Modulation	Frequency Measure Error ( Hz)	Result
85%	25°C	0	QPSK	-4.18	Pass
			16QAM	-1.55	Pass
			64QAM	-3.45	Pass
		1	QPSK	-0.39	Pass
			16QAM	0.78	Pass
			64QAM	4.11	Pass
		2	QPSK	-1.37	Pass
			16QAM	-0.62	Pass
			64QAM	0.31	Pass
		3	QPSK	4.84	Pass
			16QAM	-1.62	Pass
			64QAM	1.7	Pass
100%	25°C	0	QPSK	0.93	Pass
			16QAM	2.01	Pass
			64QAM	-4.18	Pass
		1	QPSK	4.12	Pass
			16QAM	-2.39	Pass
			64QAM	-1.91	Pass
		2	QPSK	0.99	Pass
			16QAM	0.89	Pass
			64QAM	-2.08	Pass
		3	QPSK	2.42	Pass
			16QAM	3.37	Pass
			64QAM	1.45	Pass
115%	25°C	0	QPSK	-0.8	Pass
			16QAM	0.15	Pass

<b>Frequency Stability vs. Temperature</b> (Channel Bandwidth:4*20M Frequency :5160+5180+5220+5240MHz)					
<b>Voltage: Ref=-48V (%)</b>	<b>Temperature (°C)</b>	<b>Port</b>	<b>Modulation</b>	<b>Frequency Measure Error ( Hz)</b>	<b>Result</b>
			64QAM	3.59	Pass
		1	QPSK	1.27	Pass
			16QAM	3.35	Pass
			64QAM	2.16	Pass
		2	QPSK	-2.48	Pass
			16QAM	2.07	Pass
			64QAM	3.41	Pass
		3	QPSK	0.7	Pass
			16QAM	-4.39	Pass
			64QAM	-2.25	Pass