EXHIBIT # 19

FCC Requirements CFR 47 Part 2.1033,c (14)

Data Package

JXB24X4P-08T

Devices Under Test

24 GHz B1 Low T1

Part Number: 860-202241-011 Serial Number: ARU0024637 Range: 24.255 – 24.445 GHz

Power Measurements

TEMP -33C

•		ARU001	8225	
Channel	Frequency (MHz)*	Maximum Power (dBm)	Mute (dBm)	
Low	24255.00	22.40	< -40	
Mid	24355.00	21.52	< -40	
High	24455.00	21.90	< -40	

TEMP +30C

		ARU0018225			
Channel	Frequency (MHz)*	Maximum Power (dBm)	Mute (dBm)		
Low	24255.00	22.14	< -40		
Mid	24355.00	22.16	< -40		
High	24455.00	22.46	< -40		

TEMP +55c

		ARU0018225				
Channel	Frequency (MHz)*	Maximum Power (dBm)	Mute (dBm)			
Low	24255.00	20.28	< -40			
Mid	24355.00	20.87	< -40			
High	24455.00	21.34	< -40			

Transmitter Frequency Stability 24 GHz T1 4X/ARU0024637

		" "	Frequency	Frequency		
Temp (c)	VDC	Channel	Setting	Actual	PPM	
55	21.6	Low	24252.50	24252.463	1.52	
55	21.6	Mid	24347.50	24347.467	1.35	
55	21.6	High	24447.50	24447.467	1.34	
55	72.0	Low	24252.50	24252.463	1.52	
55	72.0	Mid	24347.50	24347.467	1.35	
55	72.0	High	24447.50	24447.467	1.34	
50	21.6	Low	24252.50	24252.469	1.27	
50	21.6	Mid	24347.50	24347.473	1.11	
50	21.6	High	24447.50	24447.473	1.10	
50	72.0	Low	24252.50	24252.469	1.27	
50	72.0	Mid	24347.50	24347.473	1.11	
50	72.0	High	24447.50	24447.473	1.10	
40	21.6	Low	24252.50	24252.498	0.08	
40	21.6	Mid	24347.50	24347.502	0.08	
40	21.6	High	24447.50	24447.502	0.08	
40	72.0	Low	24252.50	24252.498	0.08	
40	72.0	Mid	24347.50	24347.502	0.08	
40	72.0	High	24447.50	24447.502	0.08	
30	21.6	Low	24252.50	24252.520	0.02	
30	21.6	Mid	24347.50	24347.525	1.03	
30	21.6	High	24447.50	24447.525	1.02	
30	72.0	Low	24252.50	24252.520	0.02	
30	72.0	Mid	24347.50	24347.525	1.03	
30	72.0	High	24447.50	24447.525	1.02	
20	21.6	Low	24252.50	24252.533	1.36	
20	21.6	Mid	24347.50	24347.538	1.56	
20	21.6	High	24447.50	24447.538	1.55	
20	72.0	Low	24252.50	24252.533	1.36	
20	72.0	Mid	24347.50	24347.538	1.56	
20	72.0	High	24447.50	24447.538	1.55	
10	21.6	Low	24252.50	24252.536	1.48	
10	21.6	Mid	24347.50	24347.540	1.64	
10	21.6	High	24447.50	24447.540	1.63	
10	72.0	Low	24252.50	24252.536	1.48	
10	72.0	Mid	24347.50	24347.540	1.64	
10	72.0	High	24447.50	24447.540	1.63	
0	21.6	Low	24252.50	24252.527	1.11	
0	21.6	Mid	24347.50	24347.532	1.31	
0	21.6	High	24447.50	24447.532	1.30	
0	72.0	Low	24252.50	24252.527	1.11	
0	72.0	Mid	24347.50	24347.532	1.31	

-33	72.0	Low	24255.00	24255.001	0.04
-33	72.0	Mid	24355.00	24345.005	0.21
-33	72.0	High	24455.00	24445.005	0.20

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40	72.0	High	24455.00	24445.001	0.04
30	21.6	Low	24255.00	24255.021	0.87
30	21.6	Mid	24355.00	24345.024	0.99
30	21.6	High	24455.00	24445.024	0.98
30	72.0	Low	24255.00	24255.021	0.87
30	72.0	Mid	24355.00	24345.024	0.99
30	72.0	High	24455.00	24445.024	0.98
20	21.6	Low	24255.00	24255.033	1.36
20	21.6	Mid	24355.00	24345.037	1.52
20	21.6	High	24455.00	24445.037	1.51
20	72.0	Low	24255.00	24255.033	1.36
20	72.0	Mid	24355.00	24345.027	1.52
20	72.0		24455.00	24445.037	1.51
10	21.6	High	24255.00	24255.036	1.48
10	21.6	Low Mid	24255.00	24345.040	1.64
10	21.6		24455.00	24345.040	1.64
10	72.0	High	24255.00	24255.036	1.48
10	72.0	Low		24345.040	
		Mid	24355.00		1.64
10	72.0	High	24455.00 24255.00	24445.040	1.64
0	21.6	Low		24255.027 24345.031	1.11
0	21.6	Mid	24355.00		
0	21.6	High	24455.00	24445.031	1.27
0	72.0	Low	24255.00	24255.027	1.11
0	72.0	Mid	24355.00	24345.031	1.27
0	72.0	High	24455.00	24445.031	1.27
-10	21.6	Low	24255.00	24255.014	0.58
-10	21.6	Mid	24355.00	24345.017	0.70
-10	21.6	_ High	24455.00	24445.017	0.70
-10	72.0	Low	24255.00	24255.014	0.58
-10	72.0	Mid	24355.00	24345.017	0.70
-10	72.0	High	24455.00	24445.017	0.70
-20	21.6	Low	24255.00	24254.998	0.08
-20	21.6	Mid	24355.00	24345.002	0.08
-20	21.6	High	24455.00	24445.002	0.08
-20	72.0	Low	24255.00	24254.998	0.08
-20	72.0	Mid	24355.00	24345.002	0.08
-20	72.0	High	24455.00	24445.002	0.08
-30	21.6	Low	24255.00	24254.995	0.21
-30	21.6	Mid	24355.00	24344.998	0.08
-30	21.6	High	24455.00	24444.998	0.08
-30	72.0	Low	24255.00	24254.995	0.21
-30	72.0	Mid	24355.00	24344.998	0.08
-30	72.0	High	24455.00	24444.998	0.08
-33	21.6	Low	24255.00	24255.001	0.04
-33	21.6	Mid	24355.00	24345.005	0.21
-33	21.6	High	24455.00	24445.005	0.20

0	72.0	High	24447.50	24447.532	1.30
-10	21.6	Low	24252.50	24252.513	0.54
-10	21.6	Mid	24347.50	24347.518	0.74
-10	21.6	High	24447.50	24447.518	0.74
-10	72.0	Low	24252.50	24252.513	0.54
-10	72.0	Mid	24347.50	24347.518	0.74
-10	72.0	High	24447.50	24447.518	0.74
-20	21.6	Low	24252.50	24252.498	0.08
-20	21.6	Mid	24347.50	24347.502	0.08
-20	21.6	High	24447.50	24447.502	0.08
-20	72.0	Low	24252.50	24252.498	0.08
-20	72.0	Mid	24347.50	24347.502	0.08
-20	72.0	High	24447.50	24447.502	0.08
-30	21.6	Low	24252.50	24252.494	0.25
-30	21.6	Mid	24347.50	24347.499	0.04
-30	21.6	High	24447.50	24447.499	0.04
-30	72.0	Low	24252.50	24252.494	0.25
-30	72.0	Mid	24347.50	24347.499	0.04
-30	72.0	High	24447.50	24447.499	0.04
-30	21.6	Low	24252.50	24252.501	0.01
-30	21.6	Mid	24347.50	24347.505	0.21
30	21.6	High	24447.50	24447.505	0.20
-30	72.0	Low	24252.50	24252.501	0.01
-30	72.0	Mid	24347.50	24347.505	0.21
-30	72.0	High	24447.50	24447.505	0.20

24 GHz T1 8X/ARU0024637

			Frequency	Frequency	
Temp (c)	VDC	Channel	Setting	Actual	PPM
55	21.6	Low	24255.00	24254.964	1.48
55	21.6	Mid	24355.00	24344.967	1.36
55	21.6	High	24455.00	24444.967	1.35
55	72.0	Low	24255.00	24254.964	1.48
55	72.0	Mid	24355.00	24344.967	1.36
55	72.0	High	24455.00	24444.967	1.35
50	21.6	Low	24255.00	24254.969	1.28
50	21.6	Mid	24355.00	24344.973	1.11
50	21.6	High	24455.00	24444.972	1.15
50	72.0	Low	24255.00	24254.969	1.28
50	72.0	Mid	24355.00	24344.973	1.11
50	72.0	High	24455.00	24444.972	1.15
40	21.6	Low	24255.00	24254.998	0.08
40	21.6	Mid	24355.00	24345.002	0.08
40	21.6	High	24455.00	24445.001	0.04
40	72.0	Low	24255.00	24254.998	0.08
40	72.0	Mid	24355.00	24345.002	0.08

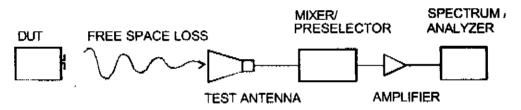
Radiated Emissions Analysis - 0 to 170 GHz.

Frequency (Mh2)	Polarity	Level (dBm)	Spec. (dBm)	Margin (dBm)	Pass Fail
36.0	Horizontal	-52.0	-29.0	23.0	Pass
43.0	Horizontal	-50.0	-29.0	21.0	Pass
148.0	Horizontal	-41.0	-29.0	12.0	Pass
172.0	Horizontal	-52.0	-29.0	23.0	Pass
188.0	Horizontal	-39.0	-29.0	10.0	Pass
197.0	Horizontal	-48.0	-29.0	19.0	Pass
199.0	Horizontai	-47.0	-29.0	18.0	Pass
222.0	Horizontal	-48.0	29.0	19.0	Pass
232.0	Horizontai	-53.0	-29.0	24.0	Pass
246.0	Horizontal	-54.0	-29.0	25.0	Pasa
271.0	Horizontal	-52.0	-29.0	23.0	Pass
344.0	Horizontal	-53.0	-29.0	24.0	Pass
369.0	Horizontal	-52.0	-29.0	23.0	Pass
443.0	Horizontal	-56.0	-29.0	27.0	Pass
463.0	Horizontal	-55.0	-29.0	26.0	Pass
482.0	Horizontal	-56.0	-29.0	27.0	Pass
492.0	Horizontal	-52,0	-29.0	23.0	Pass
519.0	Horizontal	-51.0	-29,0	22.0	Pass
699.0	Horizontal	-50.0	-29.0	21.0	Pass
43.0	Vertical	-45.0	-29.0	16.0	Pass
75.0	Vertical	-49.0	-29.0	20.0	Pass
80.08	Vertical	-48.0	-29.0	19.0	Page
120.0	Vertical	-45.0	-29.0	16.0	Pass
145.0	Vertical	-46.0	-29.0	17.0	Pass
165.0	Vertical	-40.0	-29.0	21.0	Pass
190.0	Vertical	-47.0	-29.0	18.0	Pass
201.0	Vertical	-48.0	-29.0	19.0	Pass
203.0	Vertical	-45.0	-29,0	16.0	Pass
303.0	Vertical	-46.0	-29.0	17.0	Pass
305.0	Vertical	-44.0	-29.0	15.0	Pass
500.0	Vertical	-49.0	-29.0	20.0	Pass

Spurious, Cabinet Radiation Limit Line, Calculation Table

Frequency Band	26MHz- 2GHz	2-18 GHz	18-26.5 GHz	26,5-40 GHz	40-50 GHz	50-75 GH2	75-110 GHz	110-170 GHz
** Space Loss db	-48.0	-67.15	-70.5	-74.0	-76.02	-79.55	-82.87	-110.0
** Horn Gain db	5.5	8.2	24.0	15.0	24.0	25.0	24.1	25.0
Dipole Ciain db	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Mixer Loss db	N/A	N/A	N/A	N/A	N/A	N/A	-34	-46
Carrier Level dbm	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
Cable Loss db		-3.9	-4.3	-4,7	-5.6	N/A	N/A	N/A
Pre Sel Cal db	N/A	N/A	N/A	N/A	N/A	0	N/A	N/A
Amplifier Gain db	N/A	N/A	N/A	N/A	N/A	N/A	N/A	72.0

Net Power @ Spec/Amp dbm	-25.9	-43.7	-31.6	-44.6	-38.8	-35.43	-52.6	-40.9
Reference Level Offset db	25.9	43.7	31.6	44.6	38.8	35.43	52.6	40.9



Procedure:

- 1. Set up DUT on rotating table and place test antenna to the appropriate distance.
- 2. Assemble test equipment for frequency range required.
- 3. Fill in calibration table for values as required, with test antenna gain and space loss for worst case with in the band being tested.
- Set up spectrum analyzer for necessary parameters with offset and specification limits determined by table #1, pass fail read directly from display at -29dbm.
- Activate DUT and rotate table at a rate not to exceed 2deg per sweep time of spectrum analyzer.
- 6. Perform test for both the vertical and horizontal polarizations.
- Note significant frequency values and record in table # 2.