

## RPU416 Conducted Spurious Emissions Wide Band

**450.05 MHz**

Freq.(MHz)	428.58	444.63	900.10	1350.15	1800.20	2250.25	2700.30	3150.35	3600.40	4050.45	4500.50	4950.55
step f. without notch(dbm)	-80.5	-79	-48.8	-51.6	n/a	-78.6	n/a	-74	n/a	n/a	n/a	n/a
step k. with notch(dbm)	n/a	n/a	-81.3	n/a	n/a	n/a	n/a	-69	n/a	n/a	n/a	n/a
step l. sig. Gen. w/ notch from step k.(dbm)			-48.2					-30.8				
Spurious Attenuation (dB)			84.35					66.95				

Power = 4.12 watts

Power(dbm)= 36.15 dBm

Spurious Attenuation (dB) = 10log(Tx Power in Watts/0.001) - the levels in step l.

**460.5 MHz**

Freq.(MHz)	439.07	455.08	921.00	1381.50	1842.00	2302.50	2763.00	3223.50	3684.00	4144.50	4605.00	5065.50
step f. without notch(dbm)	-80	-79	-49.6	-51	n/a	-75	n/a	-68	n/a	n/a	n/a	n/a
step k. with notch(dbm)	n/a	n/a	-81	n/a	n/a	n/a	n/a	-66	n/a	n/a	n/a	n/a
step l. sig. Gen. w/ notch from step k.(dbm)			-47.9					-24				
Spurious Attenuation (dB)			84.36					60.46				

Power = 4.43 watts

Power(dbm)= 36.46 dBm

Spurious Attenuation (dB) = 10log(Tx Power in Watts/0.001) - the levels in step l.

**469.95 MHz**

Freq.(MHz)	462.53	477.27	939.90	1409.85	1879.80	2349.75	2819.70	3289.65	3759.60	4229.55	4699.50	5169.45
step f. without notch(dbm)	-78.5	-79.1	-50.33	-51.1	n/a	-77	n/a	-67	n/a	n/a	n/a	n/a
step k. with notch(dbm)	n/a	n/a	-81.3	n/a	n/a	n/a	n/a	-71.8	n/a	n/a	n/a	n/a
step l. sig. Gen. w/ notch from step k.(dbm)			-46.9					-30.3				
Spurious Attenuation (dB)			83.29					66.69				

Power = 4.36 watts

Power(dbm)= 36.39 dBm

Spurious Attenuation (dB) = 10log(Tx Power in Watts/0.001) - the levels in step l.

## RPU416 Conducted Spurious Emissions Narrow Band

**450.05 MHz**

Freq.(MHz)	428.62	444.65	900.10	1350.15	1800.20	2250.25	2700.30	3150.35	3600.40	4050.45	4500.50	4950.55
step f. without notch(dbm)	-79.6	-79.5	-48	-50.6	n/a	-75.3	n/a	-69.8	n/a	n/a	n/a	n/a
step k. with notch(dbm)	n/a	n/a	-81.6	n/a	n/a	-81	n/a	-66.6	n/a	n/a	n/a	n/a
step l. sig. Gen. w/ notch from step k.(dbm)			-46.9			-44.6		-28.6				
Spurious Attenuation (dB)			83.05			80.75		64.75				

Power = 4.12 watts

Power(dbm)= 36.15 dBm

Spurious Attenuation (dB) = 10log(Tx Power in Watts/0.001) - the levels in step l.

**460.5 MHz**

Freq.(MHz)	439.05	455.08	921.00	1381.50	1842.00	2302.50	2763.00	3223.50	3684.00	4144.50	4605.00	5065.50
step f. without notch(dbm)	-79.5	-78	-49.8	-51	n/a	-74.8	n/a	-66	n/a	n/a	n/a	n/a
step k. with notch(dbm)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-64.5	n/a	n/a	n/a	n/a
step l. sig. Gen. w/ notch from step k.(dbm)								-24.7				
Spurious Attenuation (dB)								61.16				

Power = 4.43 watts

Power(dbm)= 36.46 dBm

Spurious Attenuation (dB) =  $10\log(\text{Tx Power in Watts}/0.001)$  - the levels in step l.

**469.95 MHz**

Freq.(MHz)	448.5	462.53	939.90	1409.85	1879.80	2349.75	2819.70	3289.65	3759.60	4229.55	4699.50	5169.45
step f. without notch(dbm)	-79.6	-78.1	-50.3	-51	n/a	-75	n/a	-67	n/a	n/a	n/a	n/a
step k. with notch(dbm)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-70.3	n/a	n/a	n/a	n/a
step l. sig. Gen. w/ notch from step k.(dbm)								-28.4				
Spurious Attenuation (dB)								64.79				

Power = 4.36 watts

Power(dbm)= 36.39 dBm

Spurious Attenuation (dB) =  $10\log(\text{Tx Power in Watts}/0.001)$  - the levels in step l.



