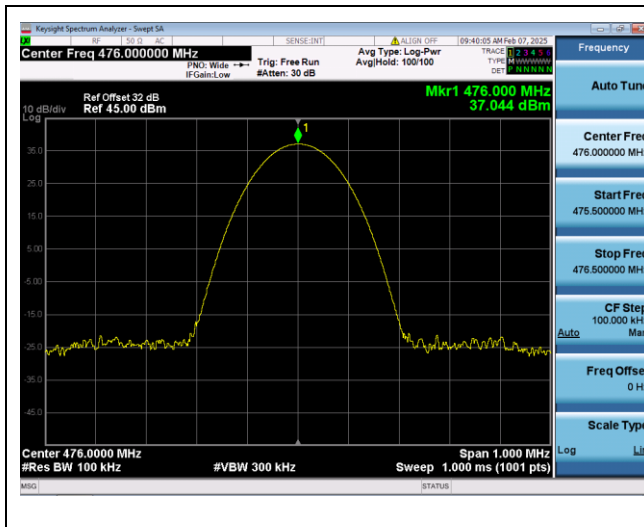


Appendix A for Input output power and amplifier booster gain

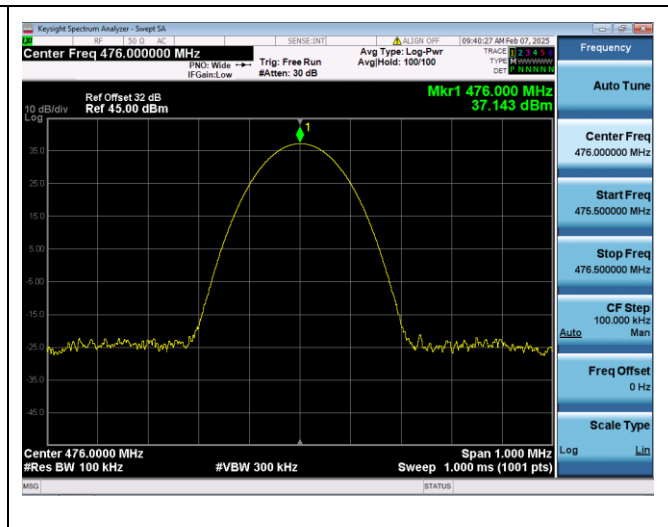
Operation Band	Frequency (MHz)	Signal Type	Signal Level (dBm)	Output Power (dBm)	Input Power (dBm)	Output Power (W)	ERP (W)	ERP Limit (W)	Booster gain (dB)	Nominal gain (dB)
452~512MHz	476.000	CW	Pre-AGC	37.044	-10	5.063	3.086	5	47.044	47
			3dB Above AGC	37.143	-7	5.180	3.157	5	/	/

Remark:

- 1) The normal power is 37dBm and the measured output power which show in above table is within ± 1.0 dB tolerance.
- 2) The ERP limit is 5W, the product satisfied with the limit.
- 3) $ERP \text{ (dBm)} = \text{Total Output Power (dBm)} + \text{Antenna Gain (dBi)} - 2.15 \text{ dB}$,Antenna Gain is 0.0dBi.



AGC



AGC+3