

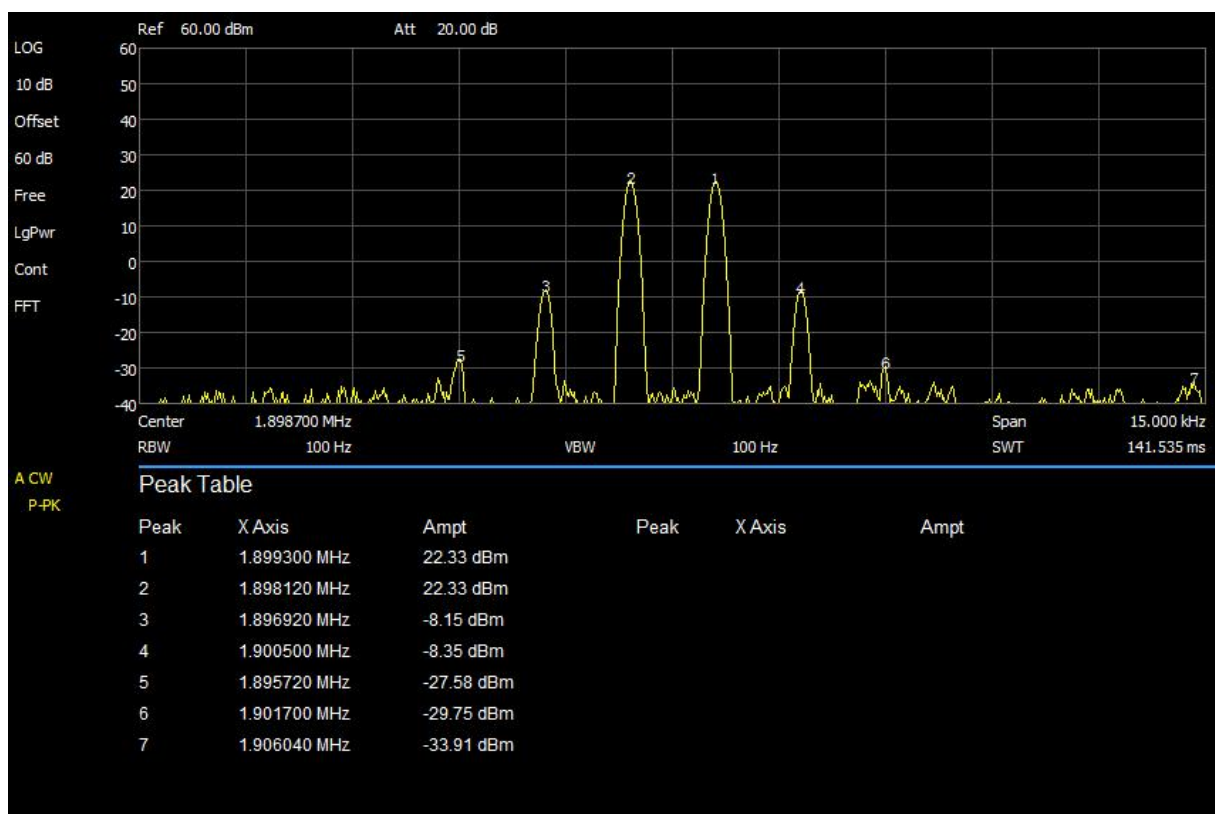
## IMD Messungen Orion MK2

Die IMD des Apache Labs ORION MK2 V5.2 Boards wurde bei 500mW, 1000mW und 2000mW gemessen, als erster Schritt wurde die Leistung auf allen Bändern auf maximal 2000mW gestellt, gemessen wurde dies mit einem R&S NRVD mit NRV-Z54. (Die Tabelle der Pegelinstellungen finden sich im Anhang)

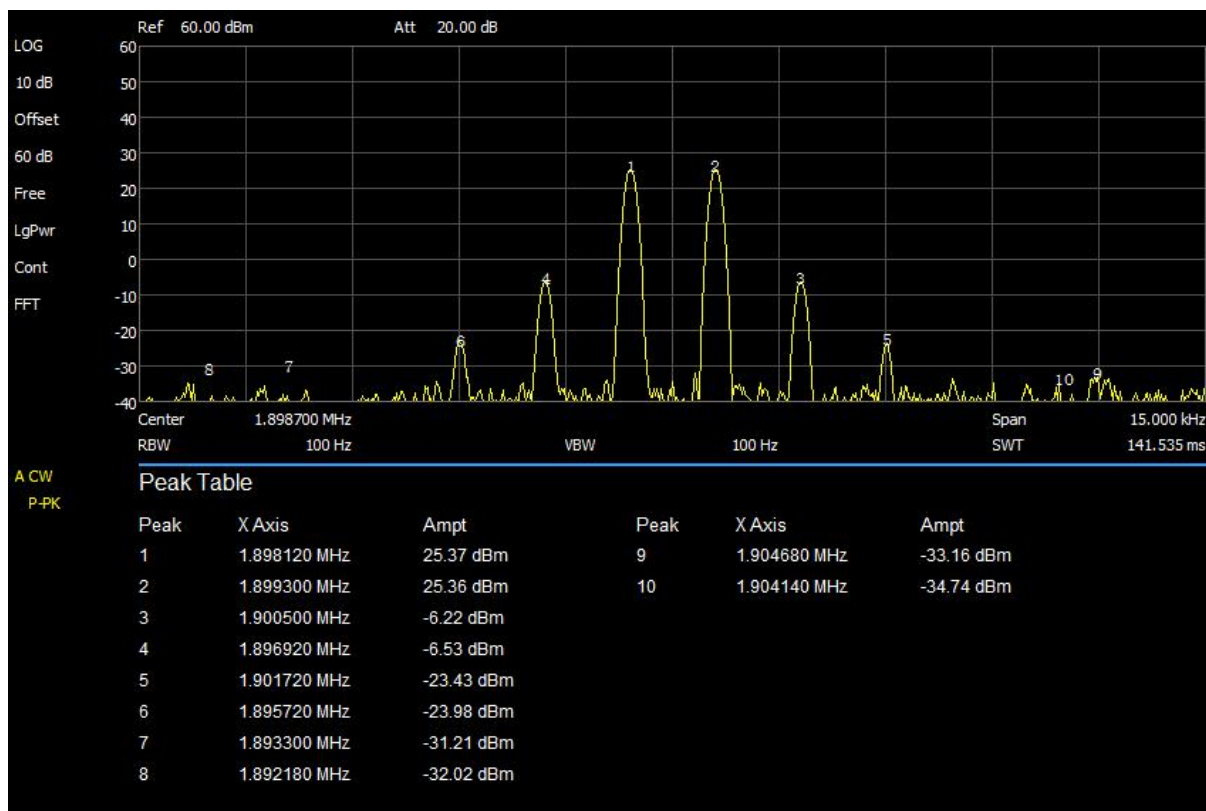
In dem Untertitel des Bildes findet man das Band und die eingestellte Ausgangsleistung, also 160\_1000 bedeutet 160m und 1000mW PEP Ausgangsleistung.

Zur Messung wurde ein Siglent 3032X mit 40db/250W und einem 20db/2W Spinner Abschwächer benutzt, die 60db offset wurden bei der Messung berücksichtigt.

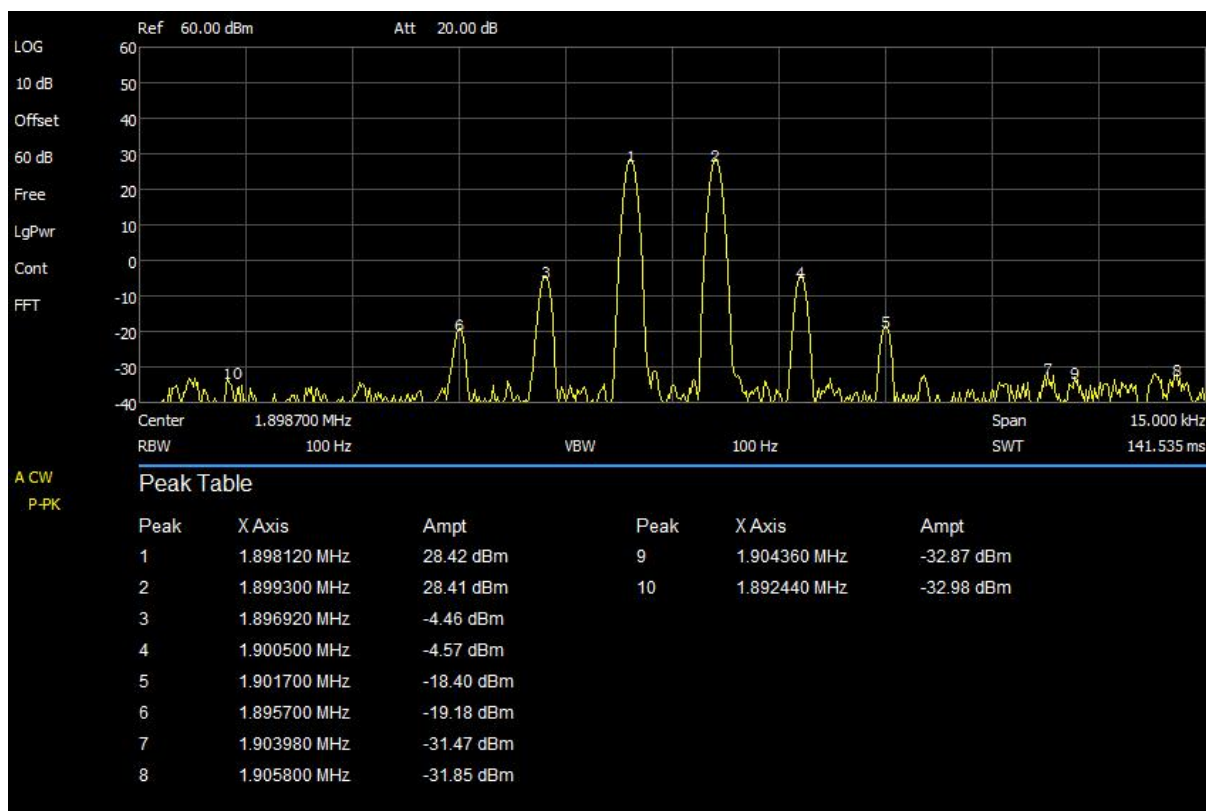
### 160m:



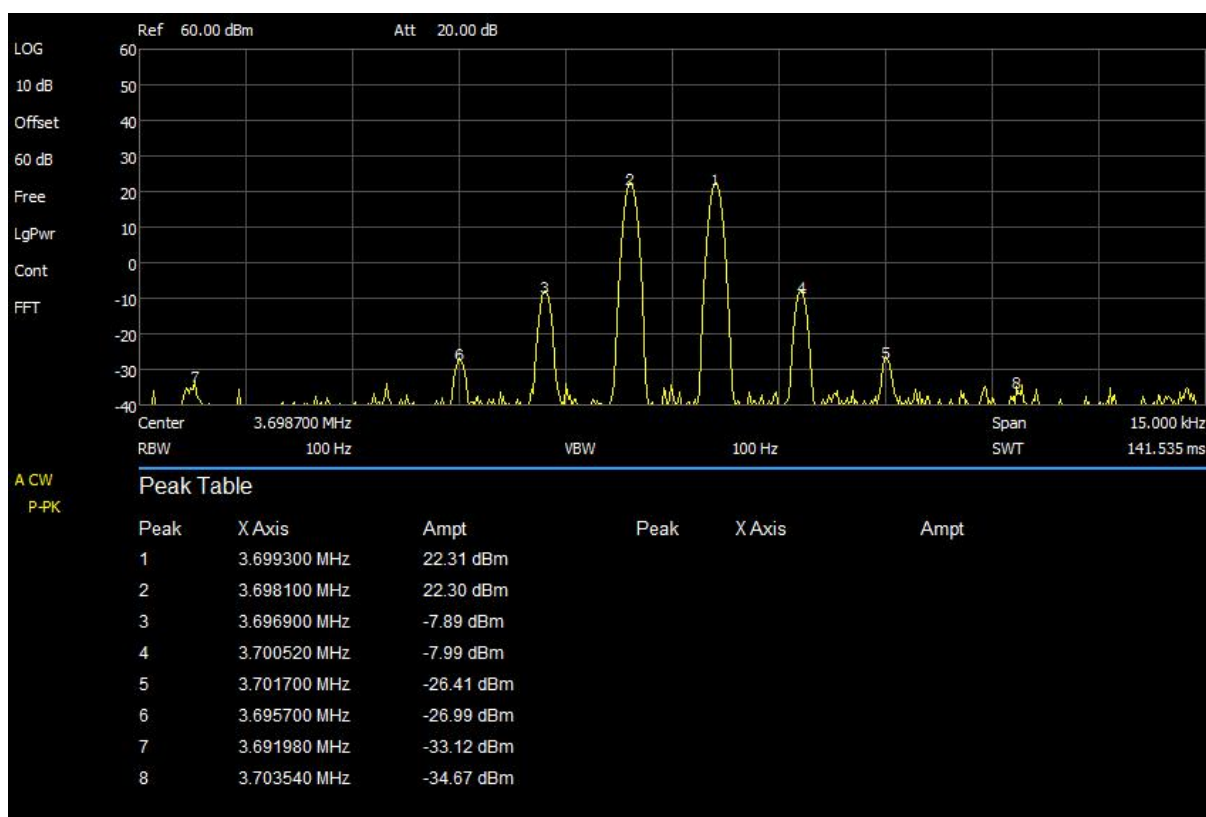
160\_500



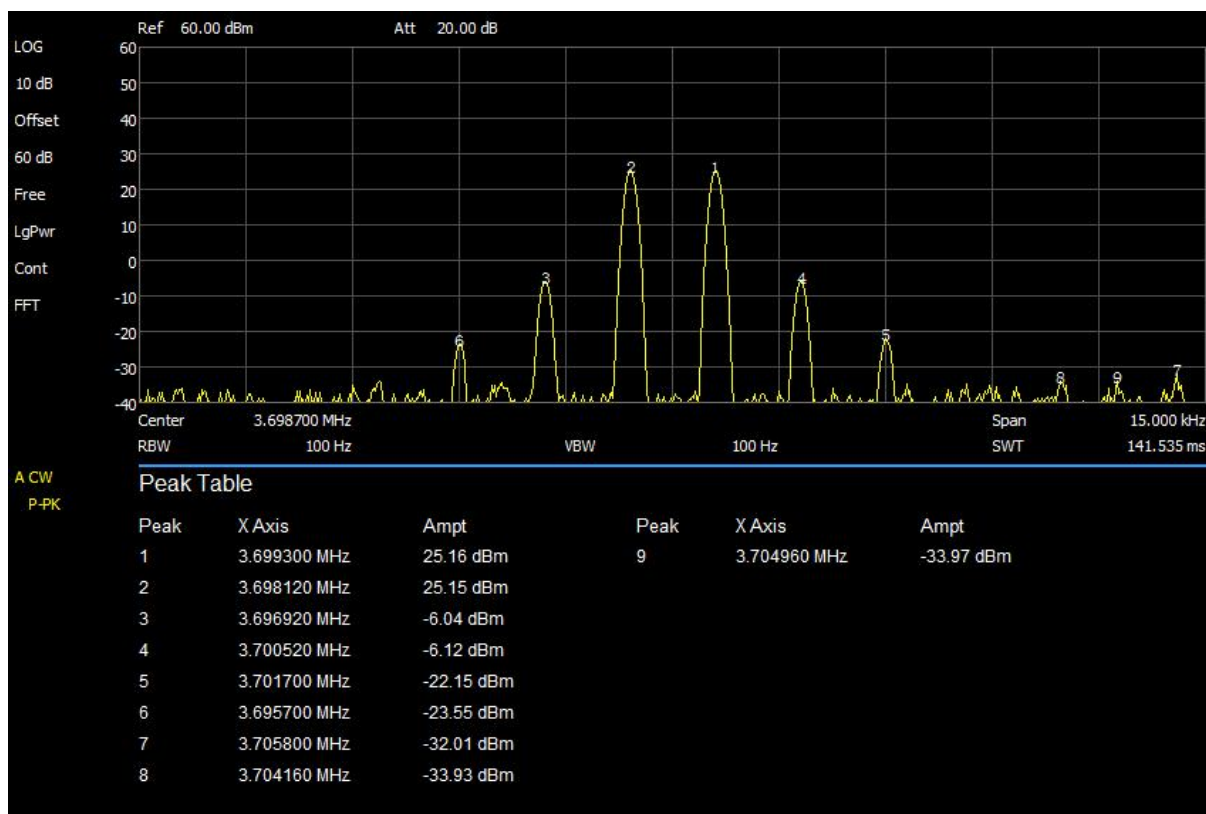
160\_1000



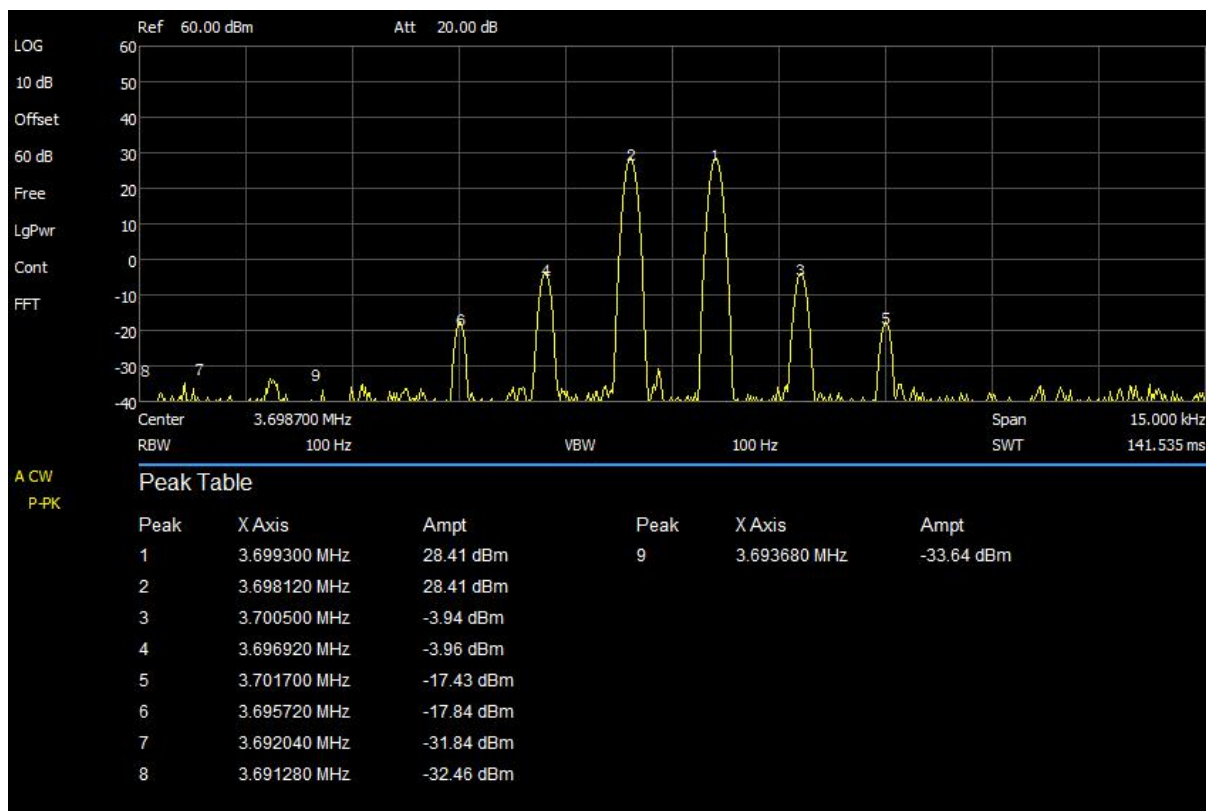
160\_2000

**80m:**

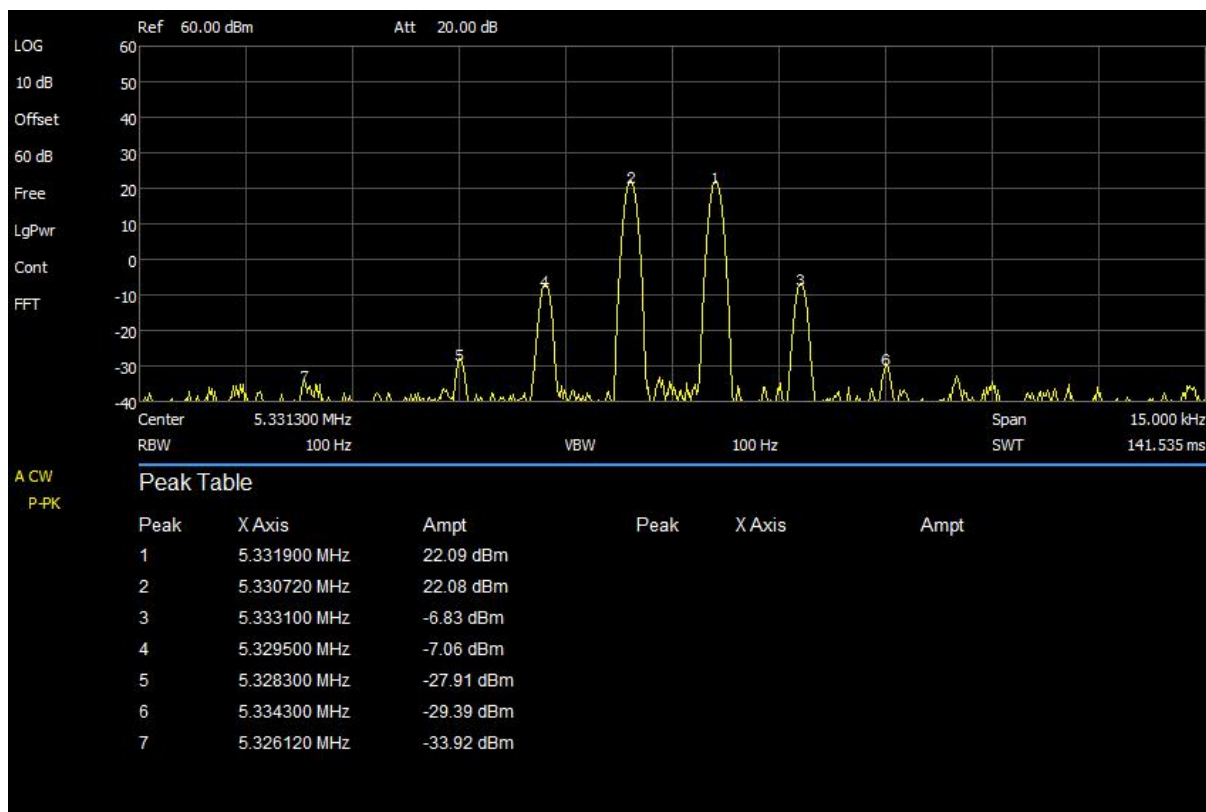
80\_500



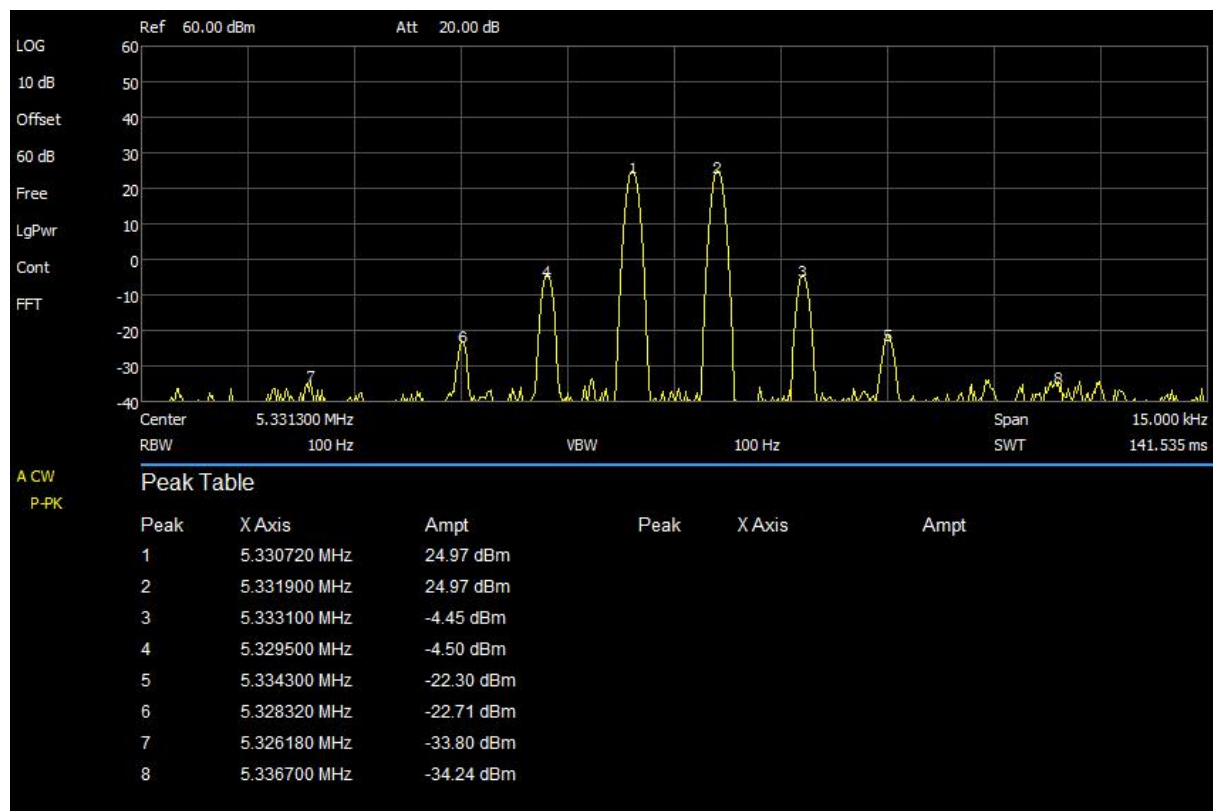
80\_1000



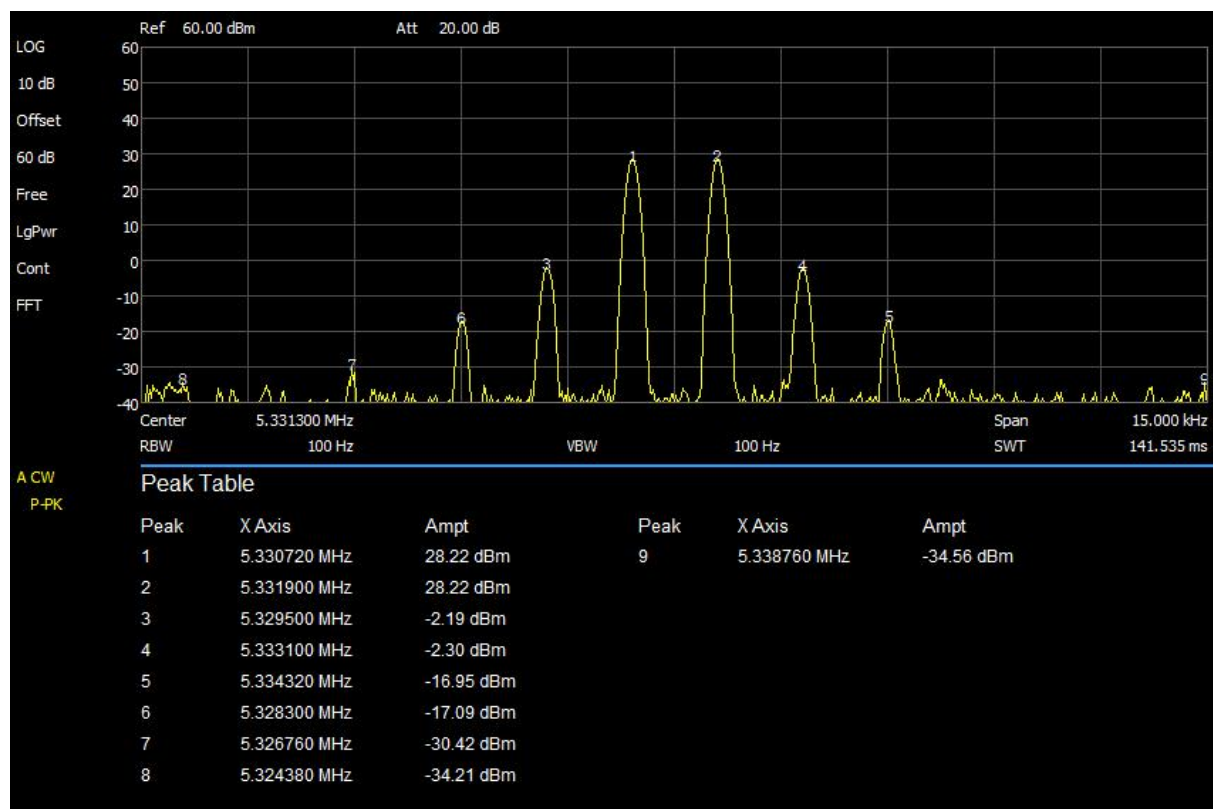
80\_2000

60m:

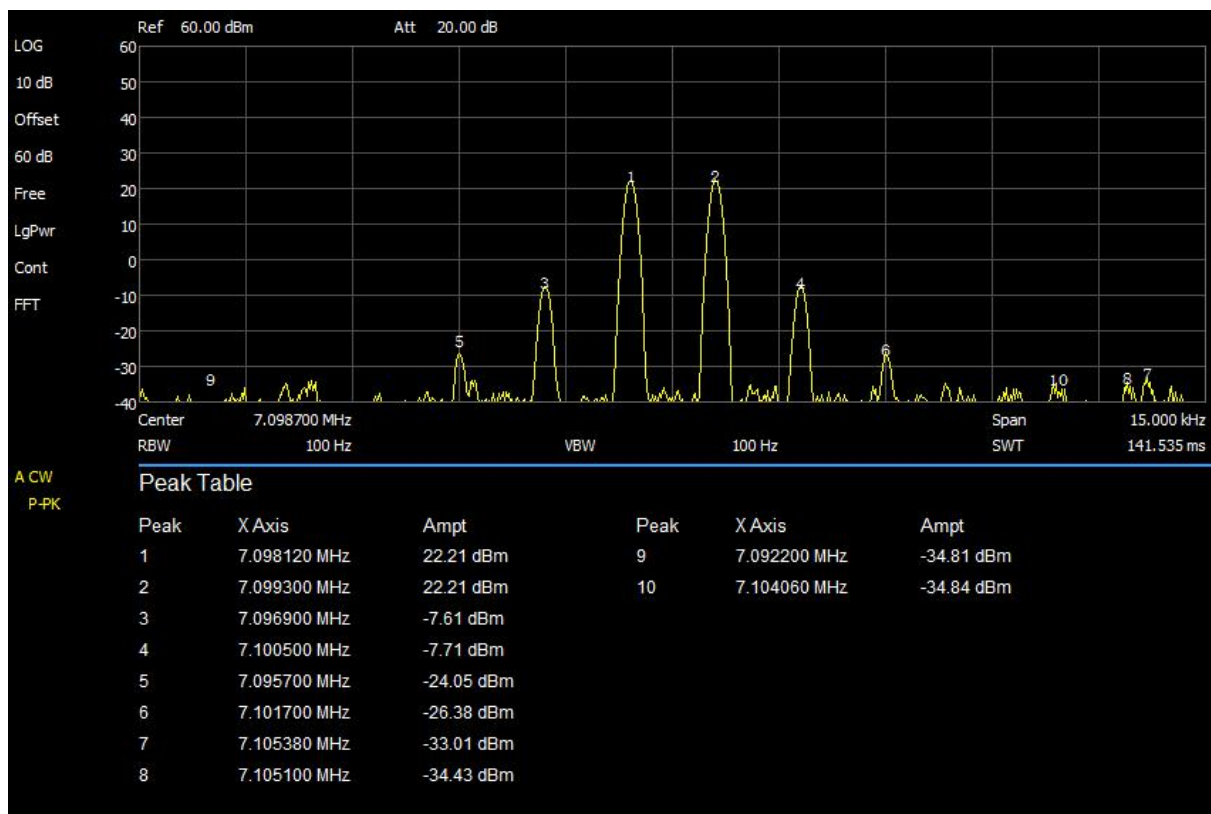
60\_500



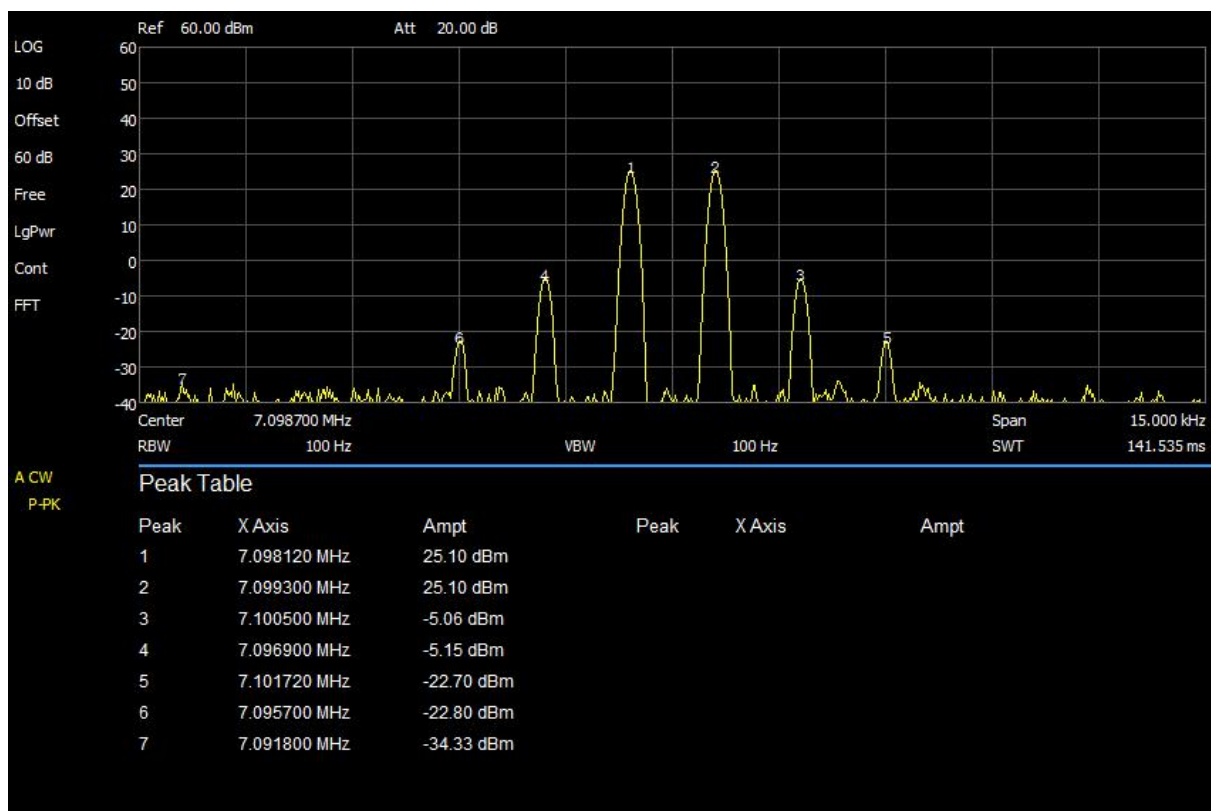
60\_1000



60\_2000

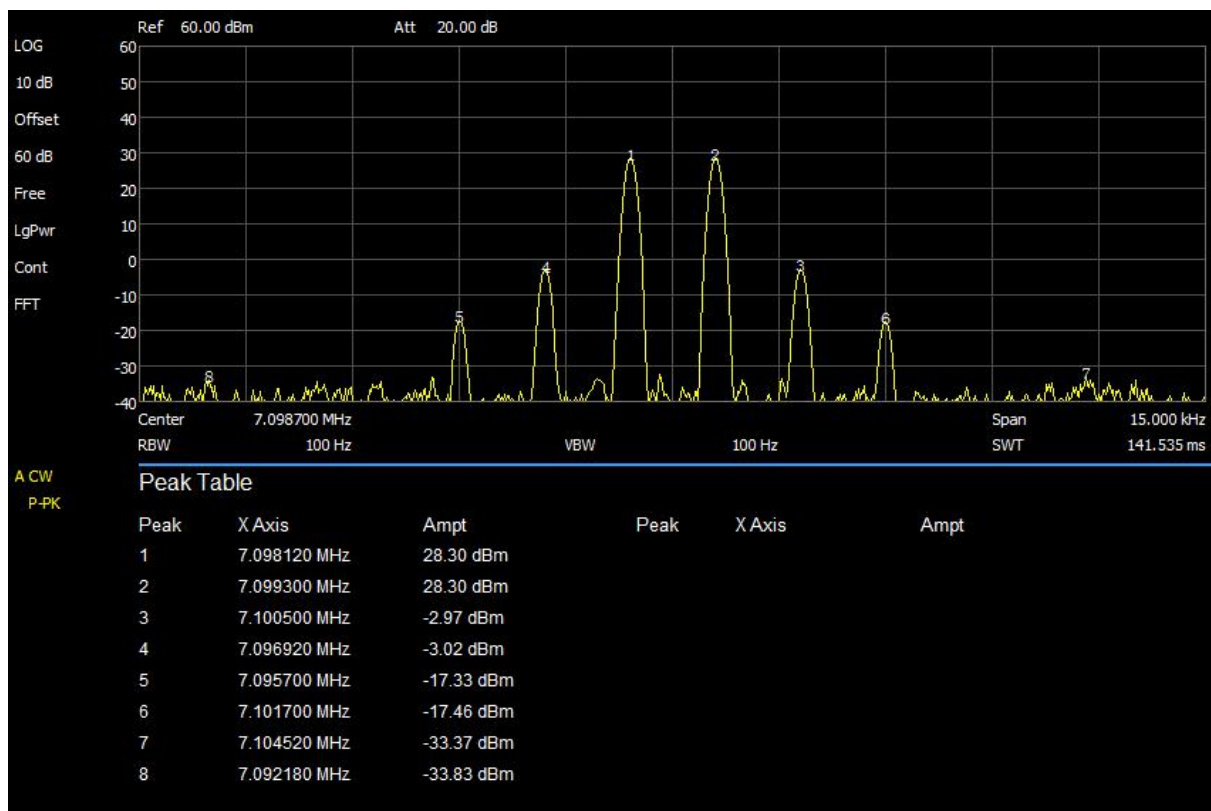
**40m:**

40\_500

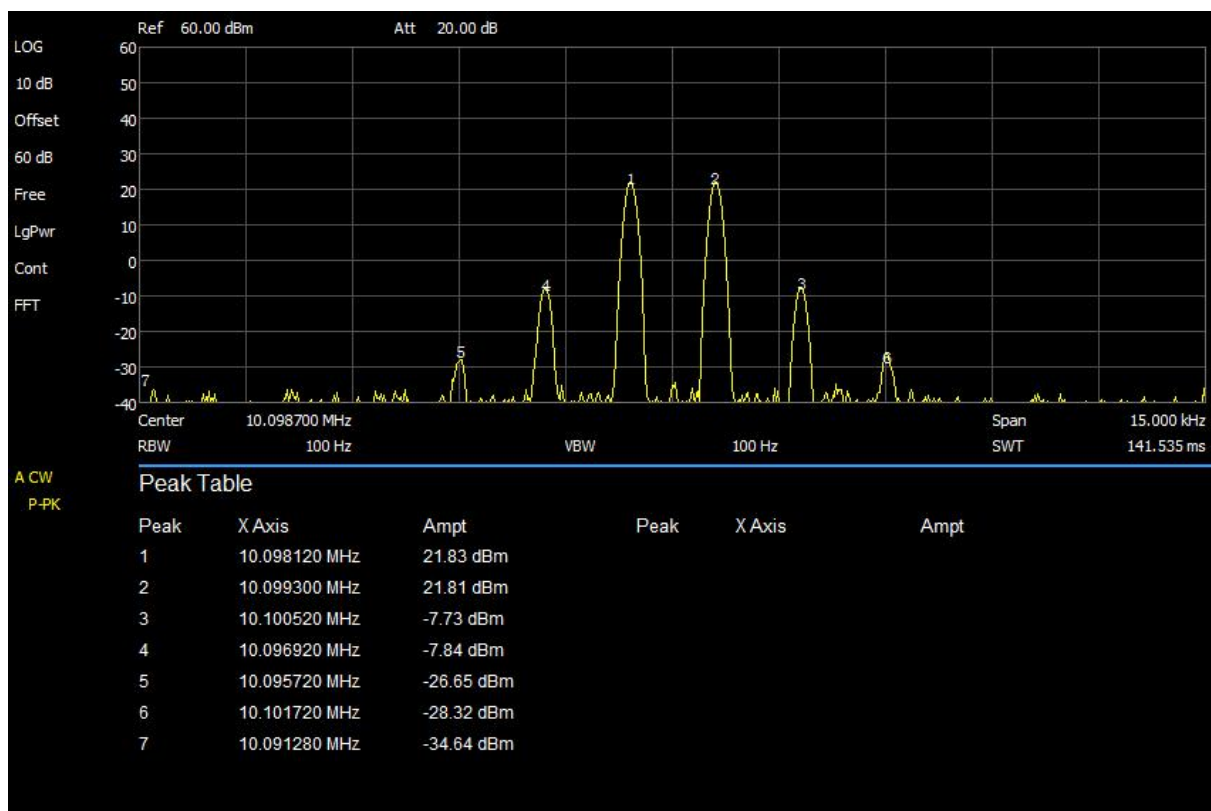


40\_1000

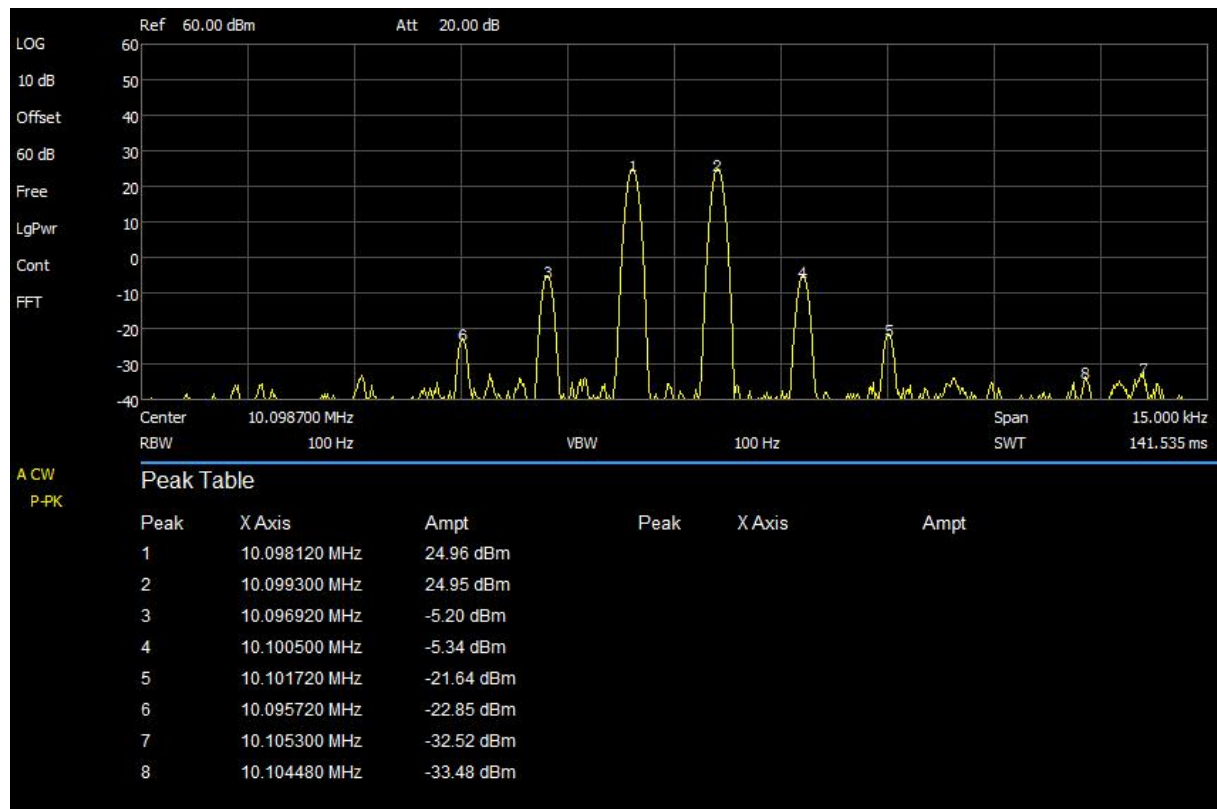




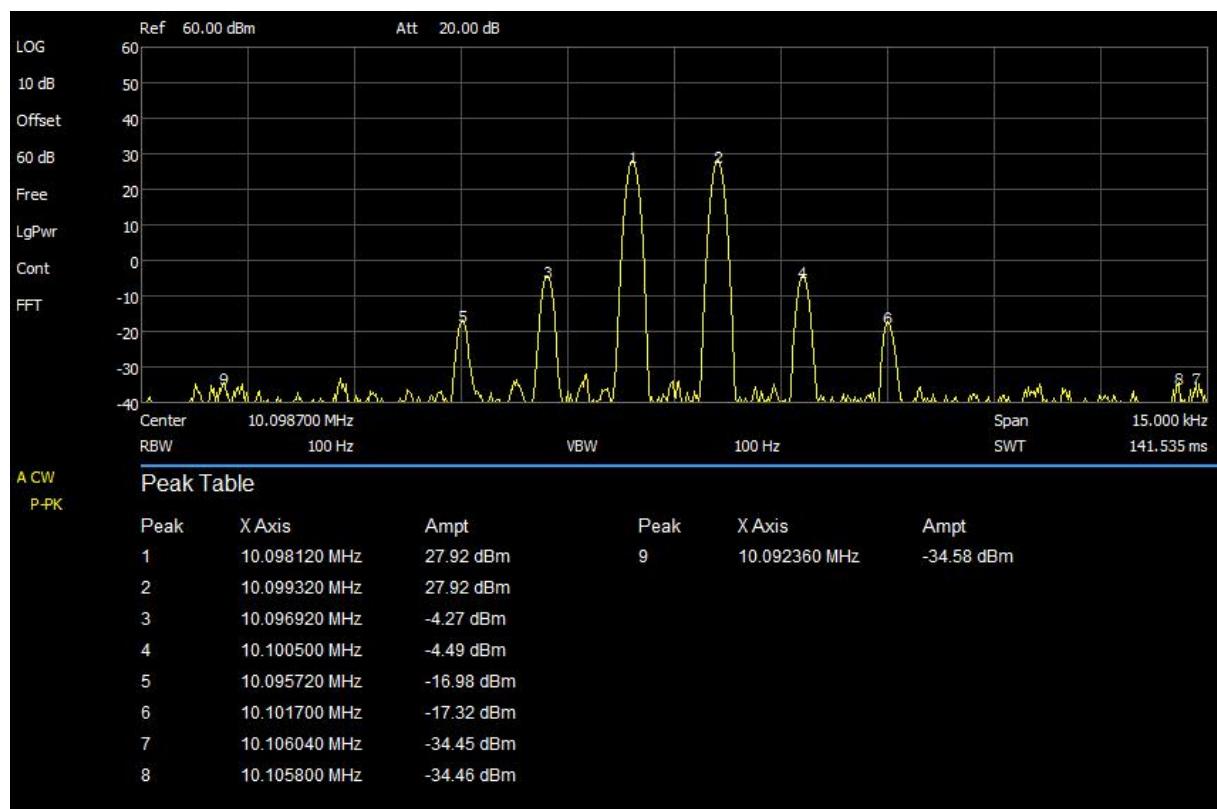
40\_2000

30m:

30\_500

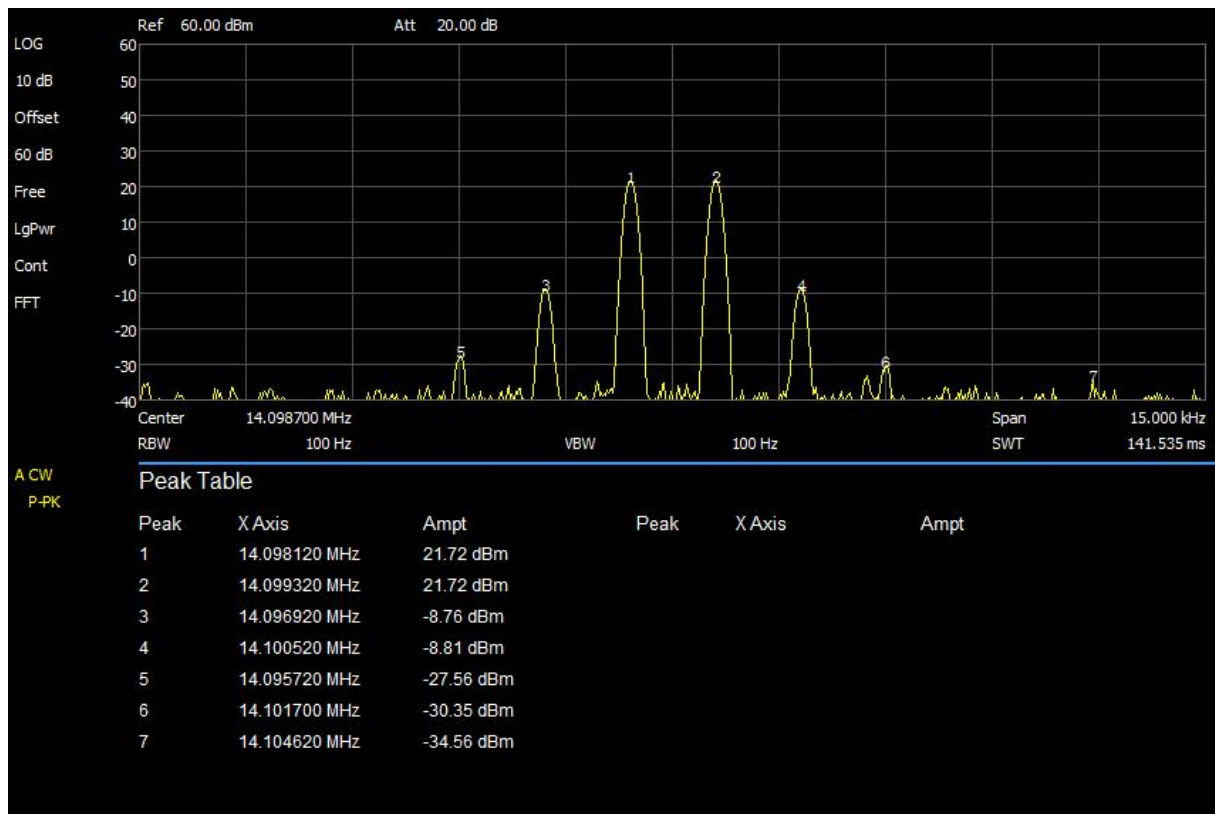


30\_1000

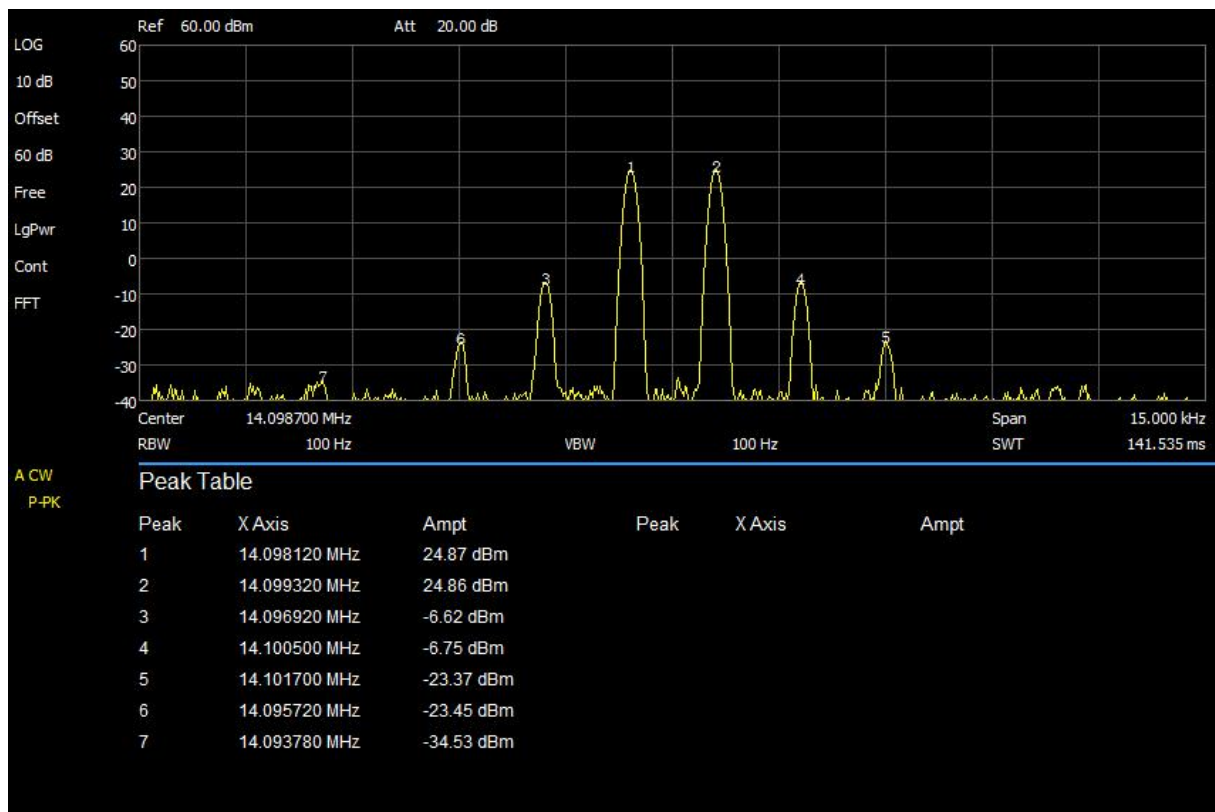


30\_2000

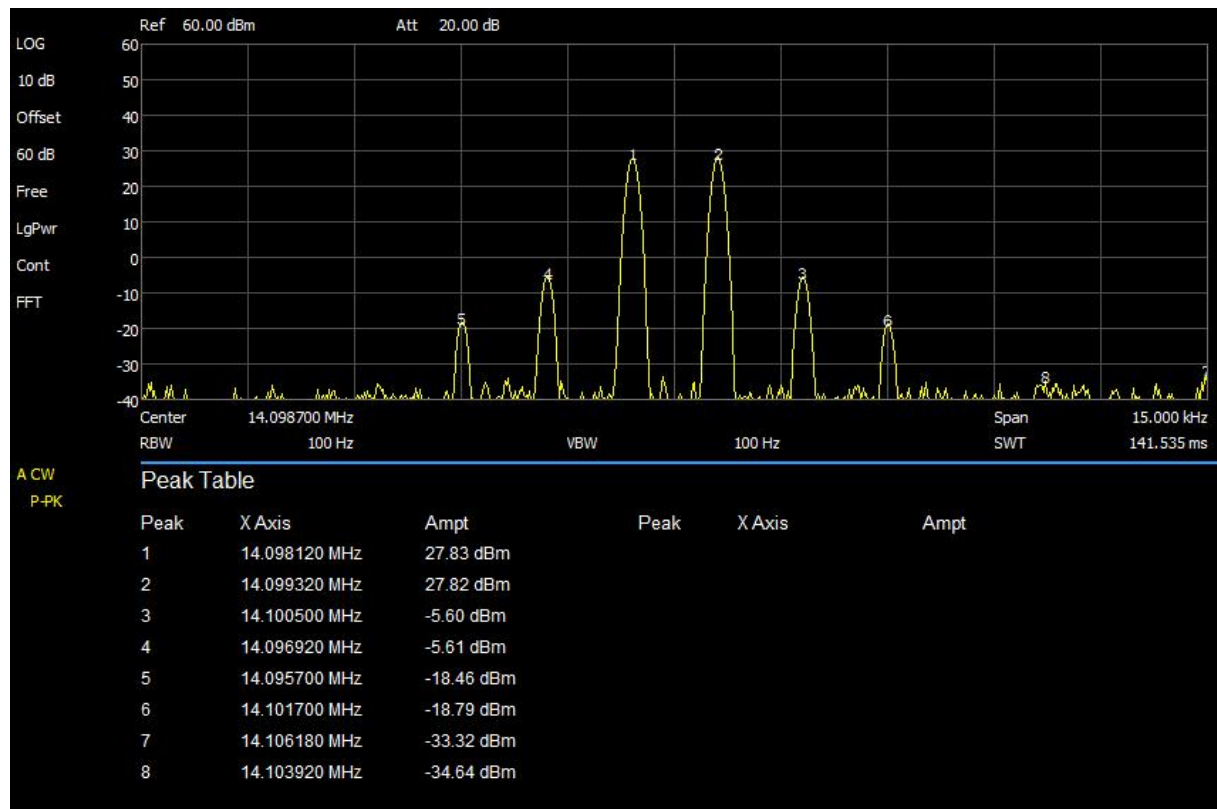


**20m:**

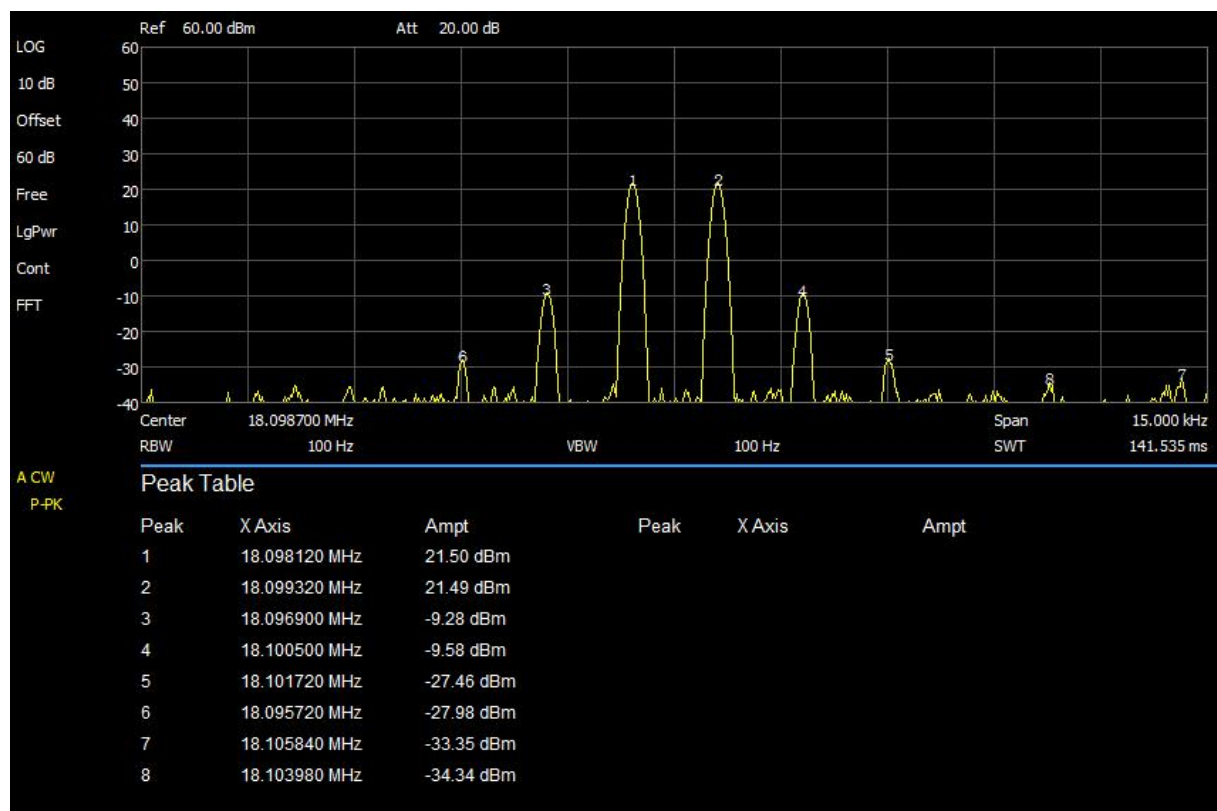
20\_500



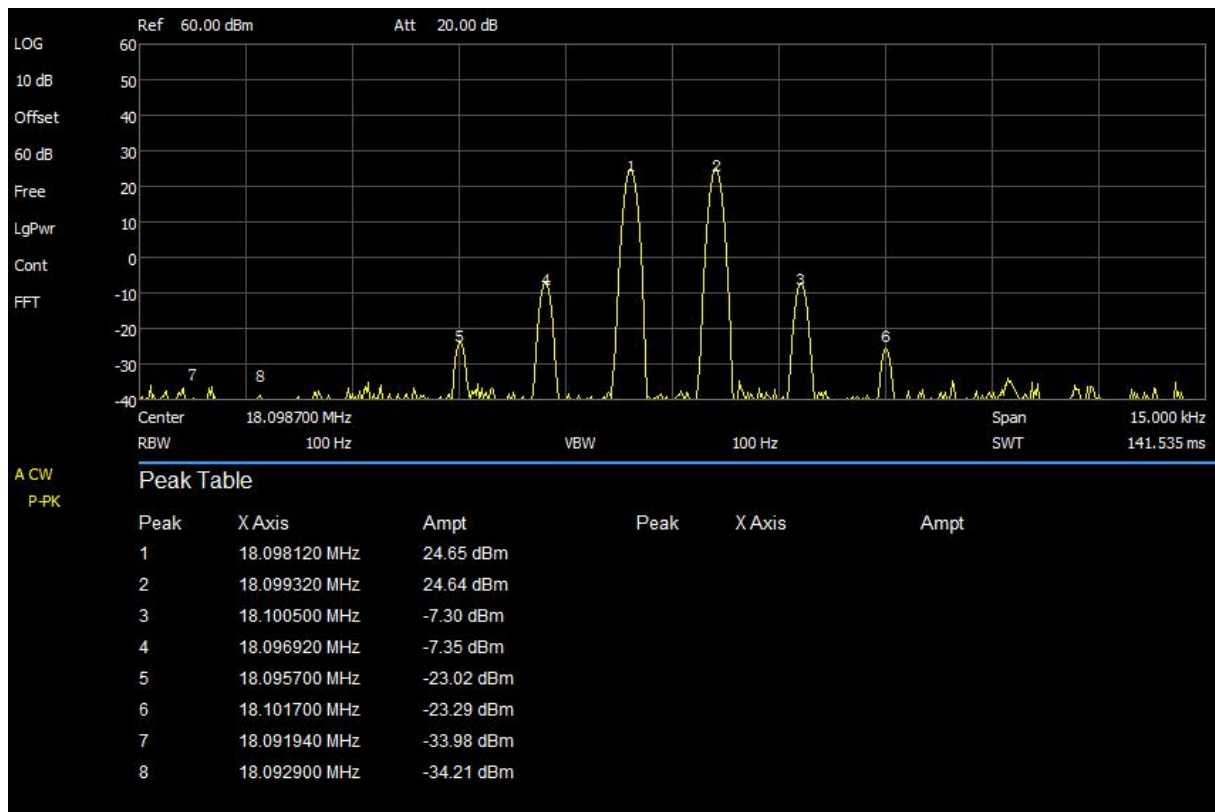
20\_1000



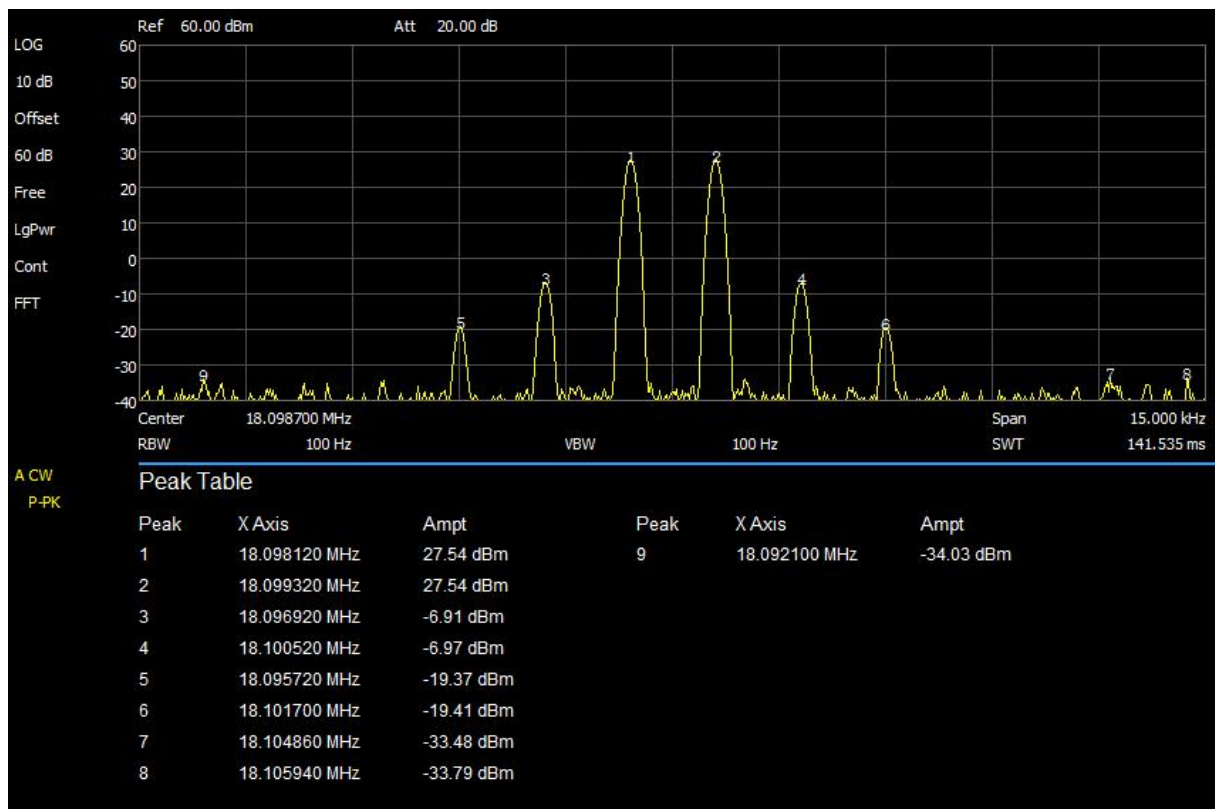
20\_2000

17m:

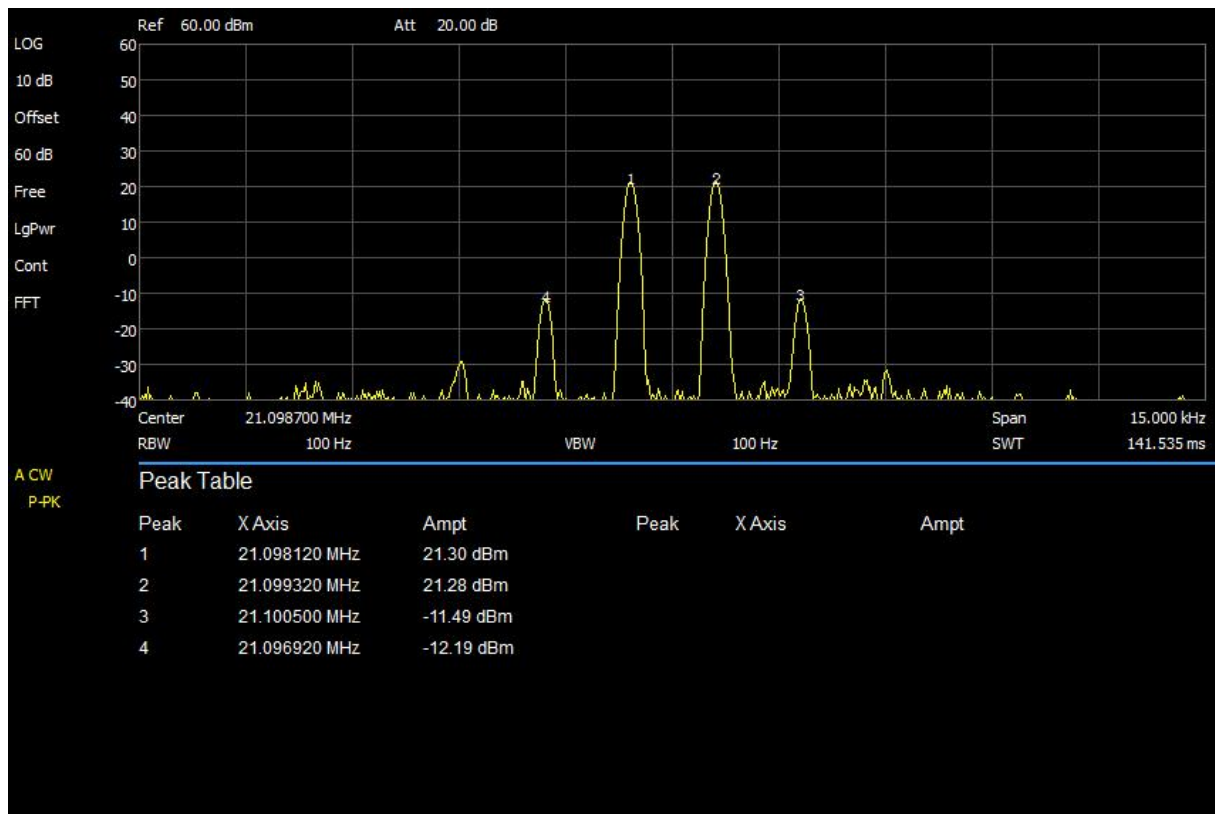
17\_500



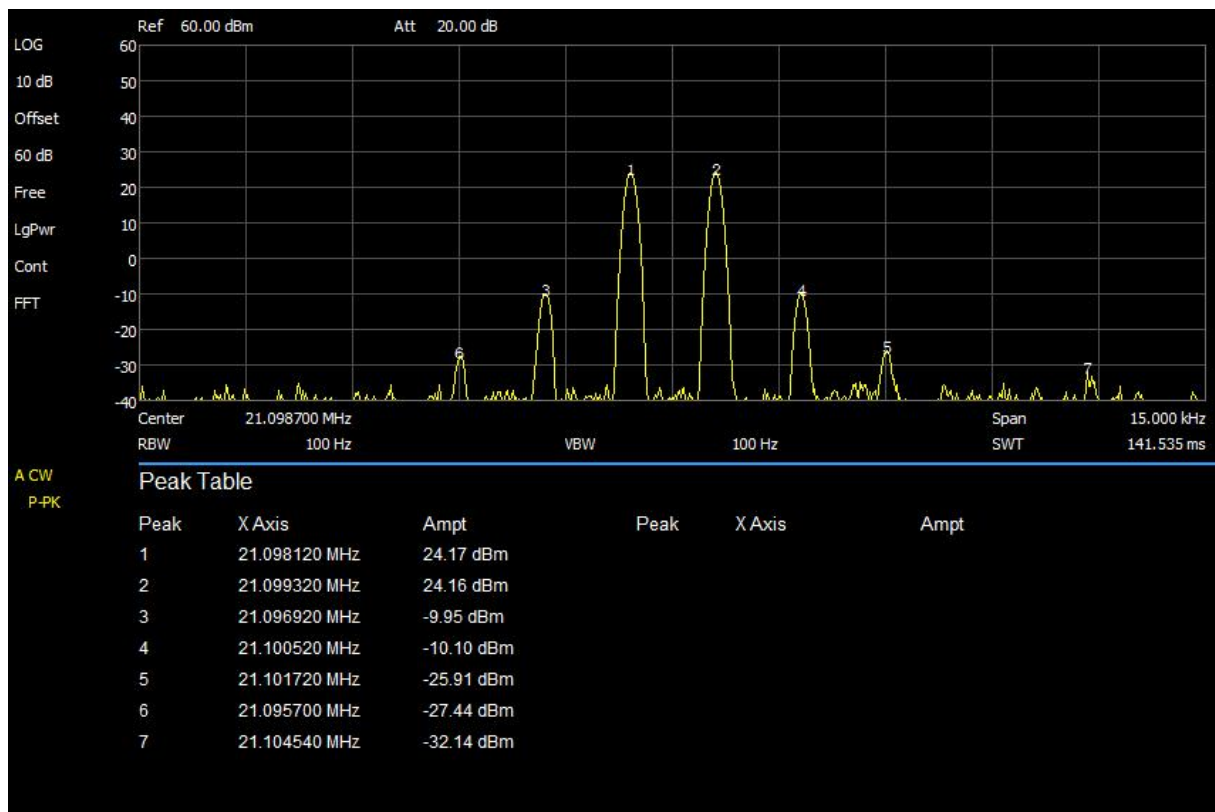
17\_1000



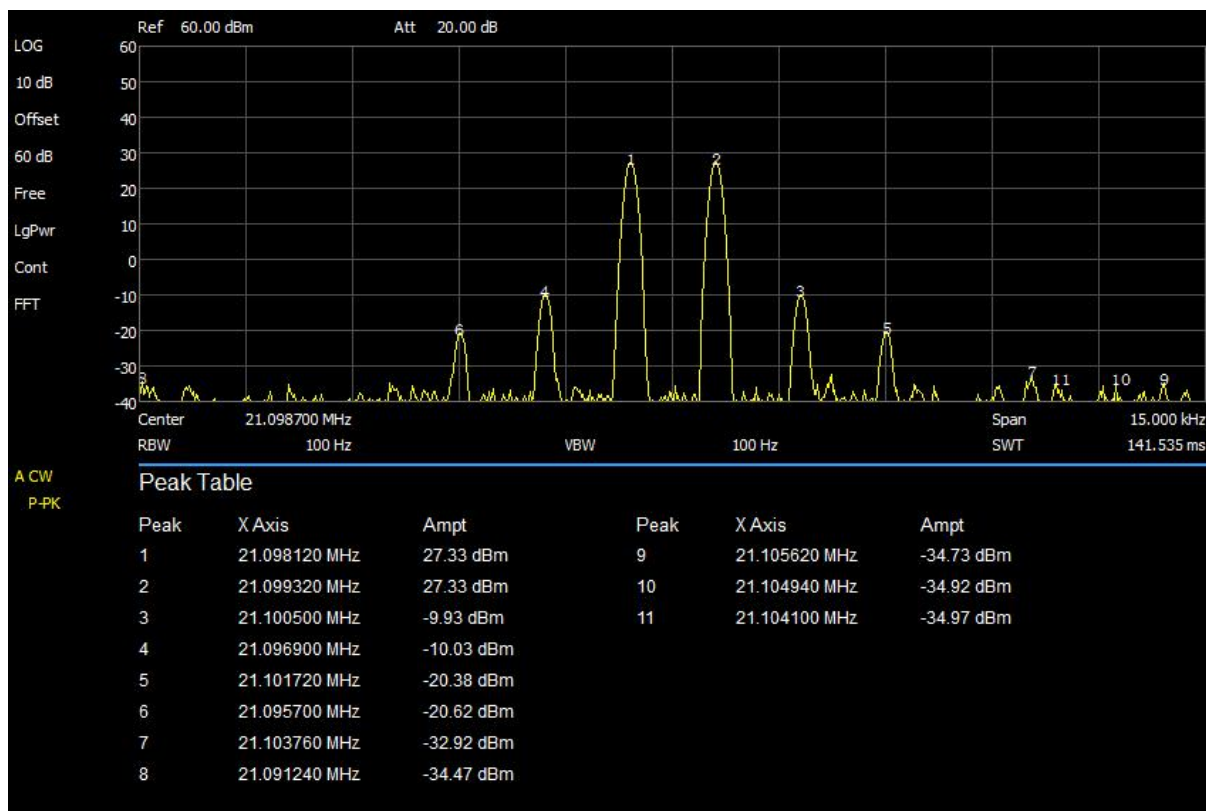
17\_2000

**15m:**

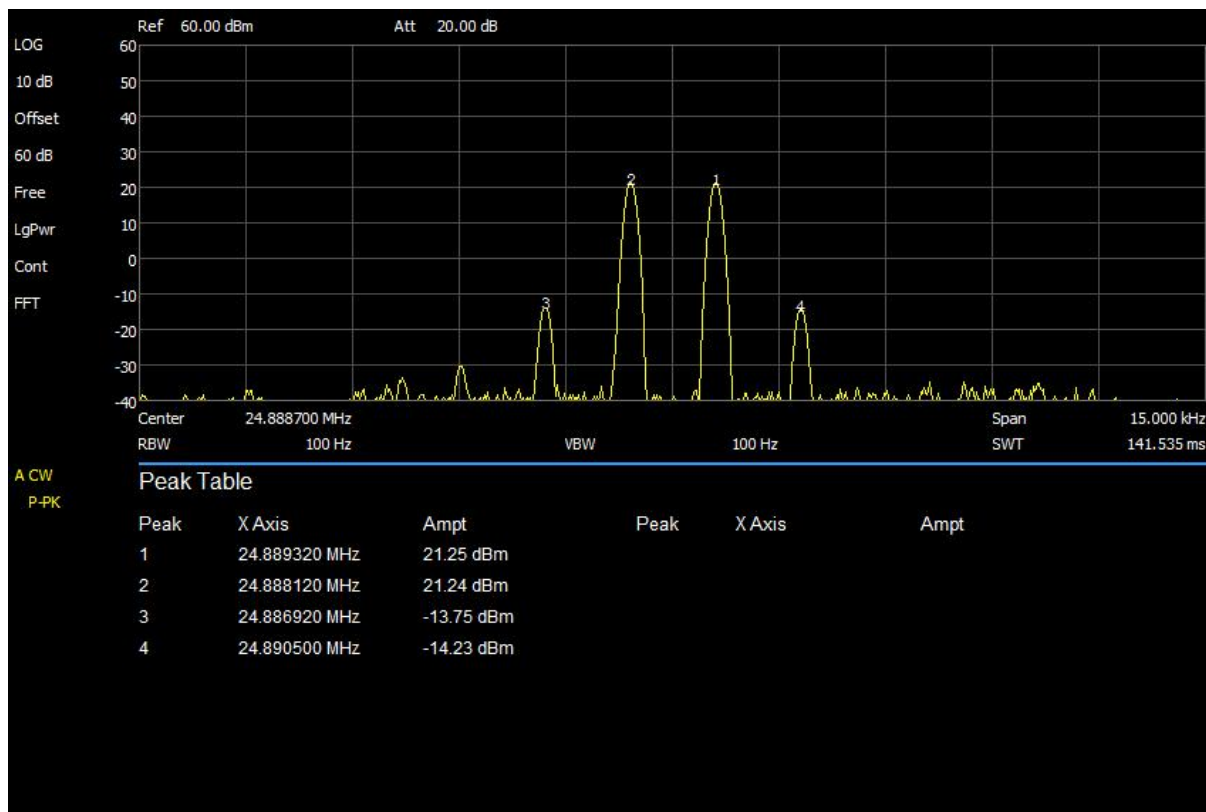
15\_500



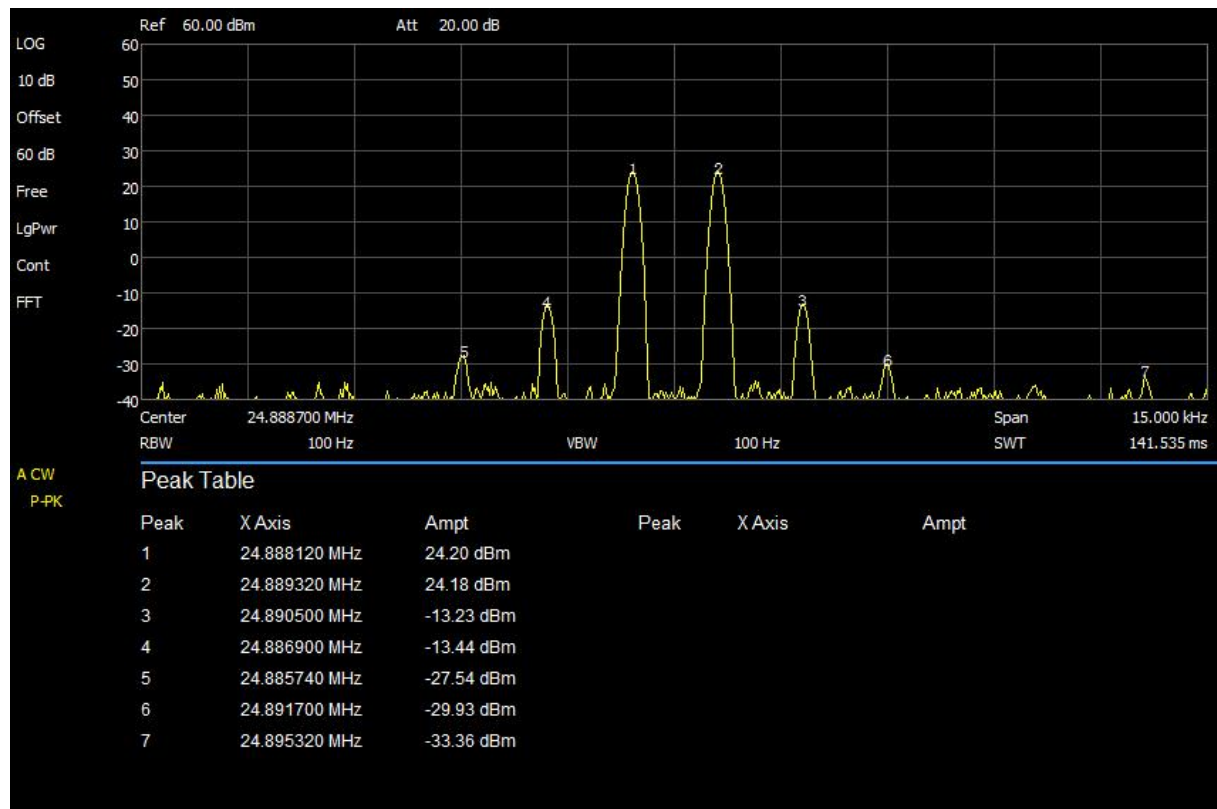
15\_1000



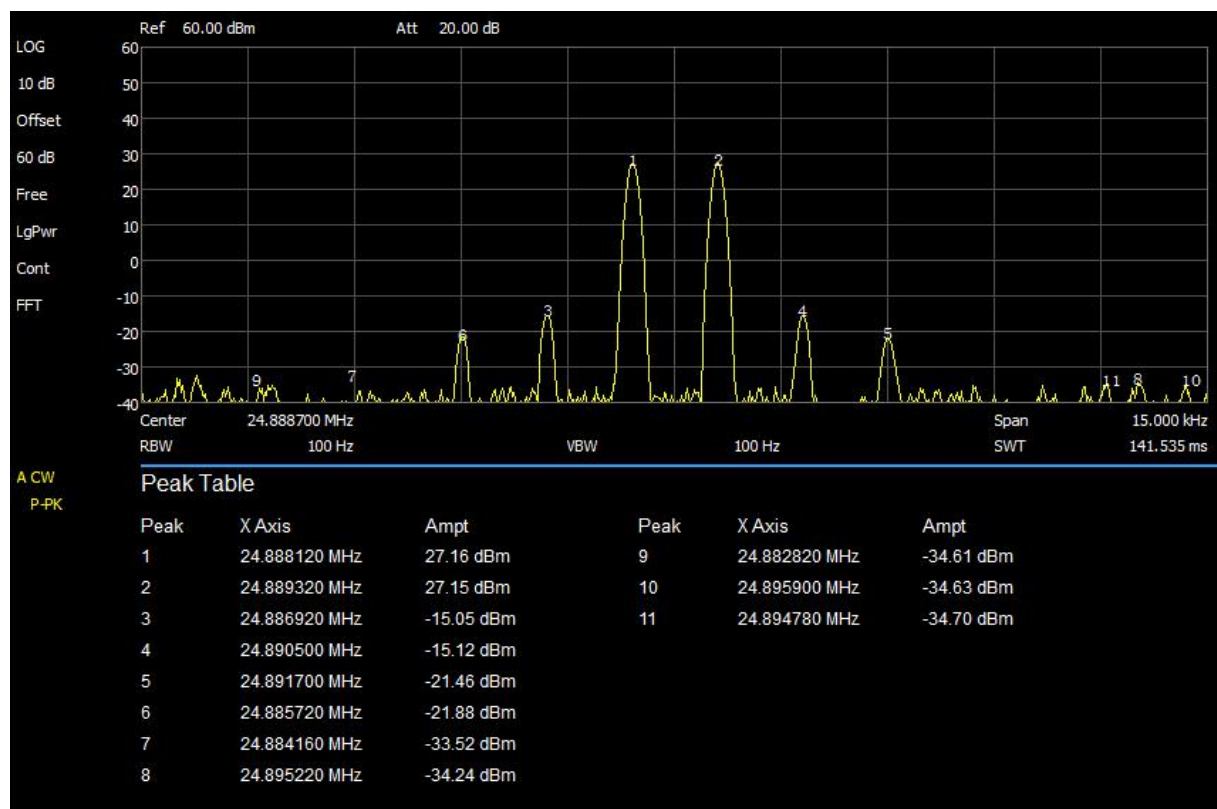
15\_2000

12m:

12\_500

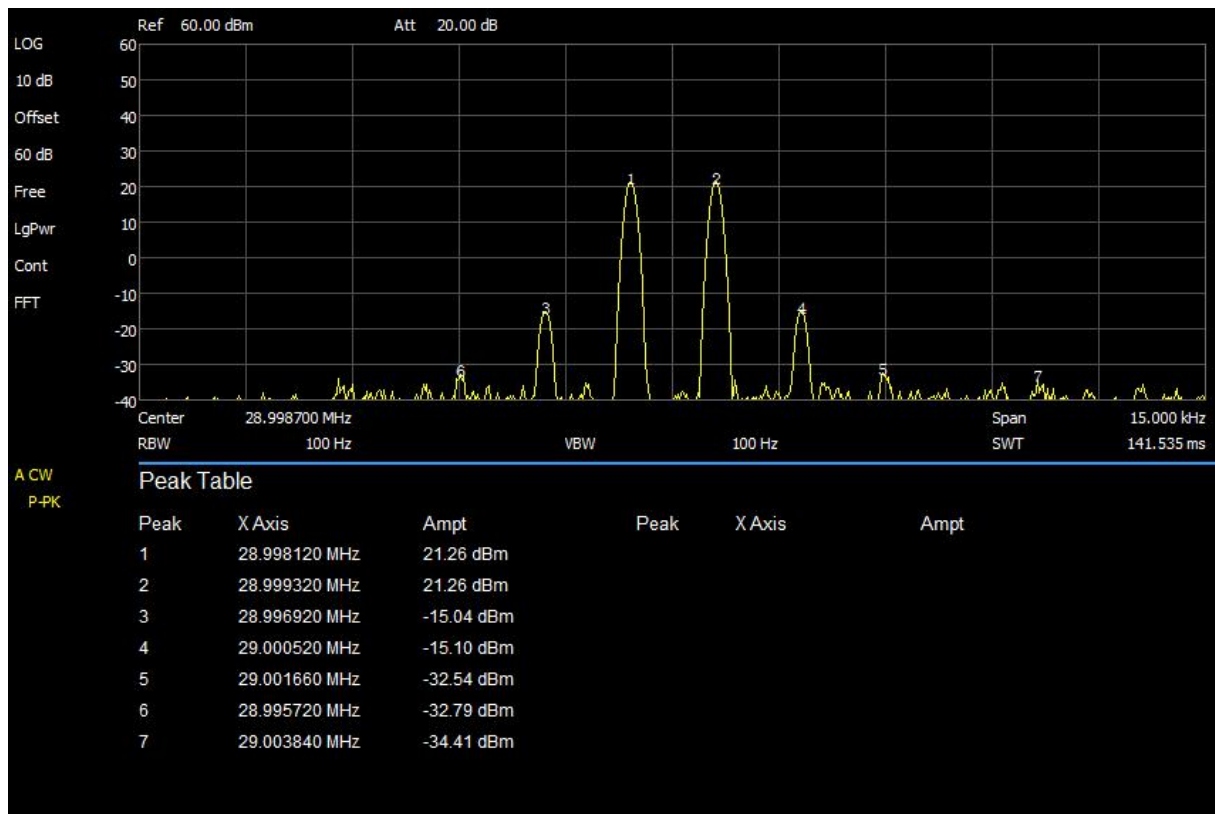


12\_1000

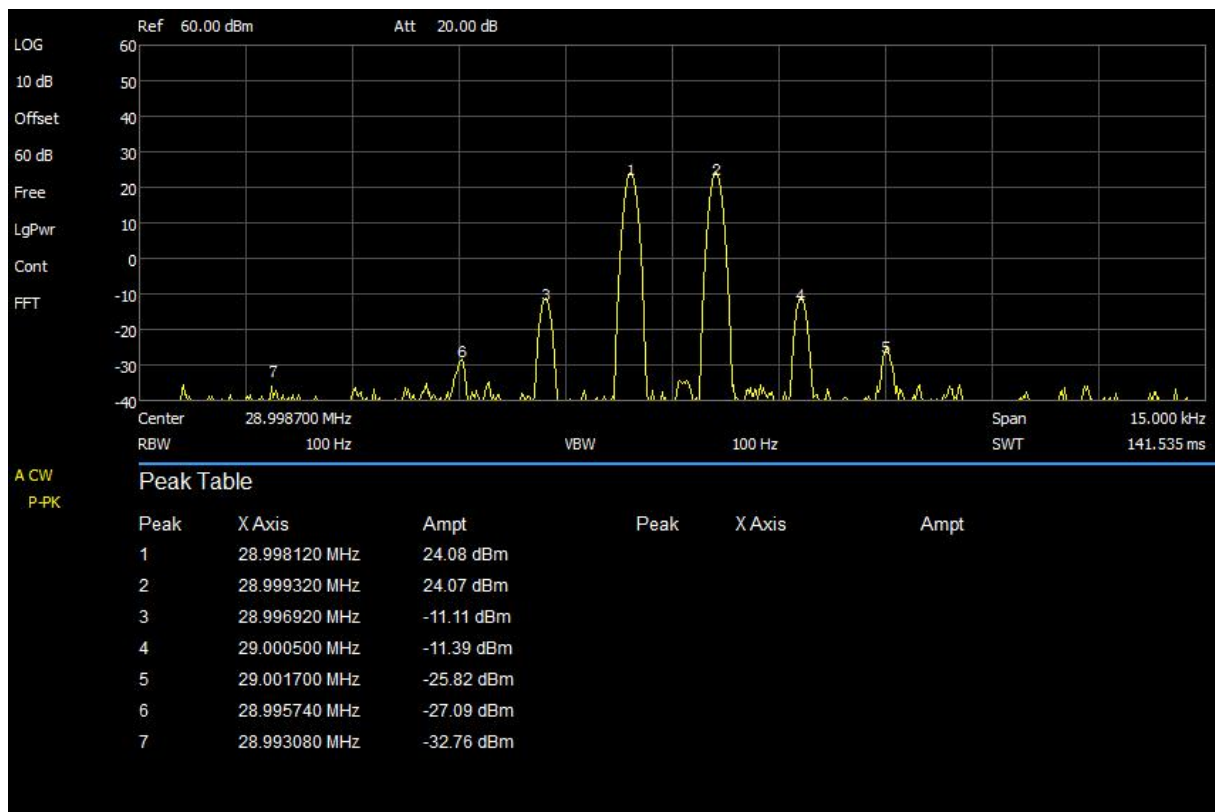


12\_2000

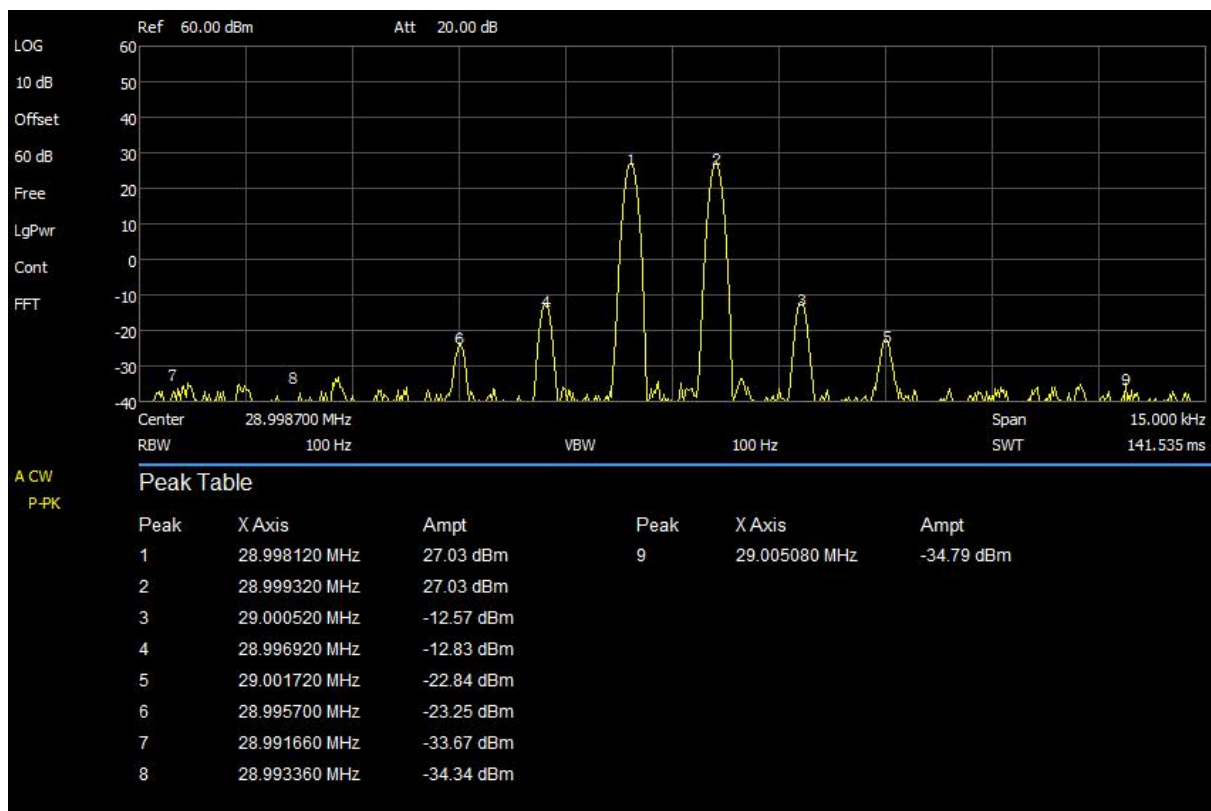


**10m:**

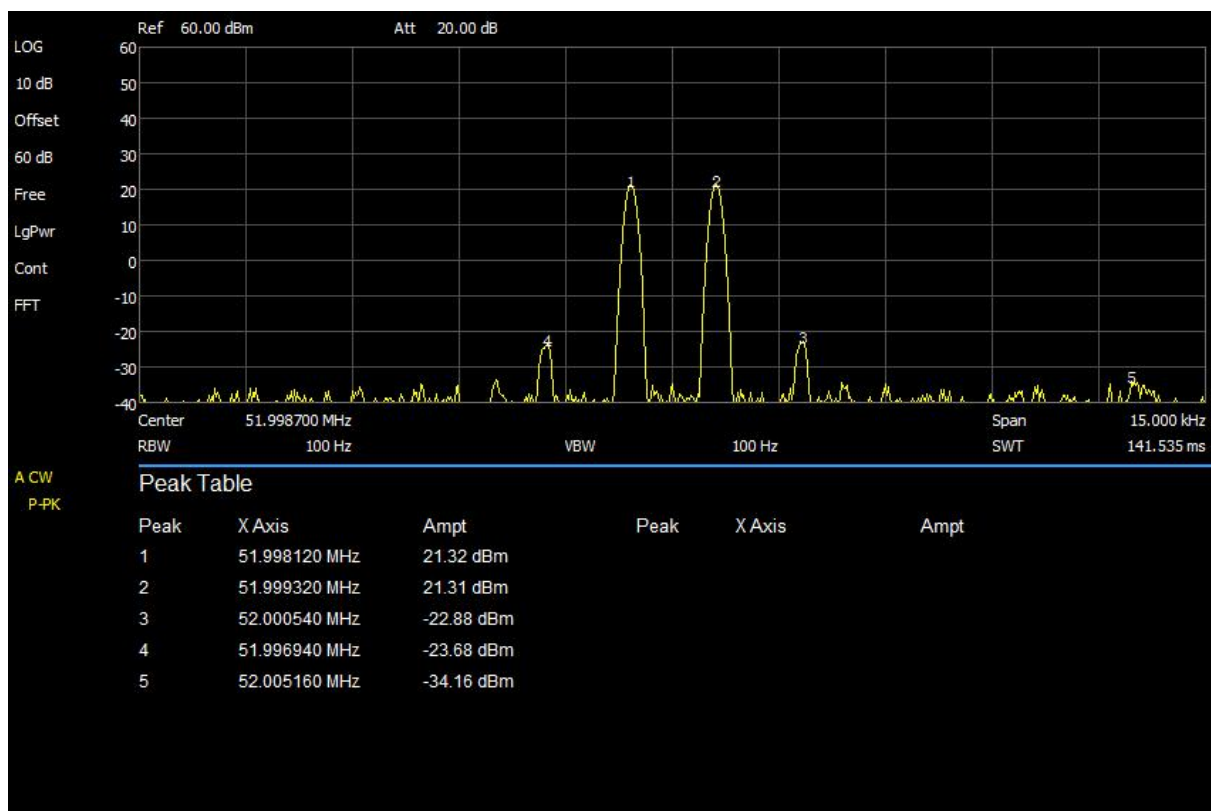
10\_500



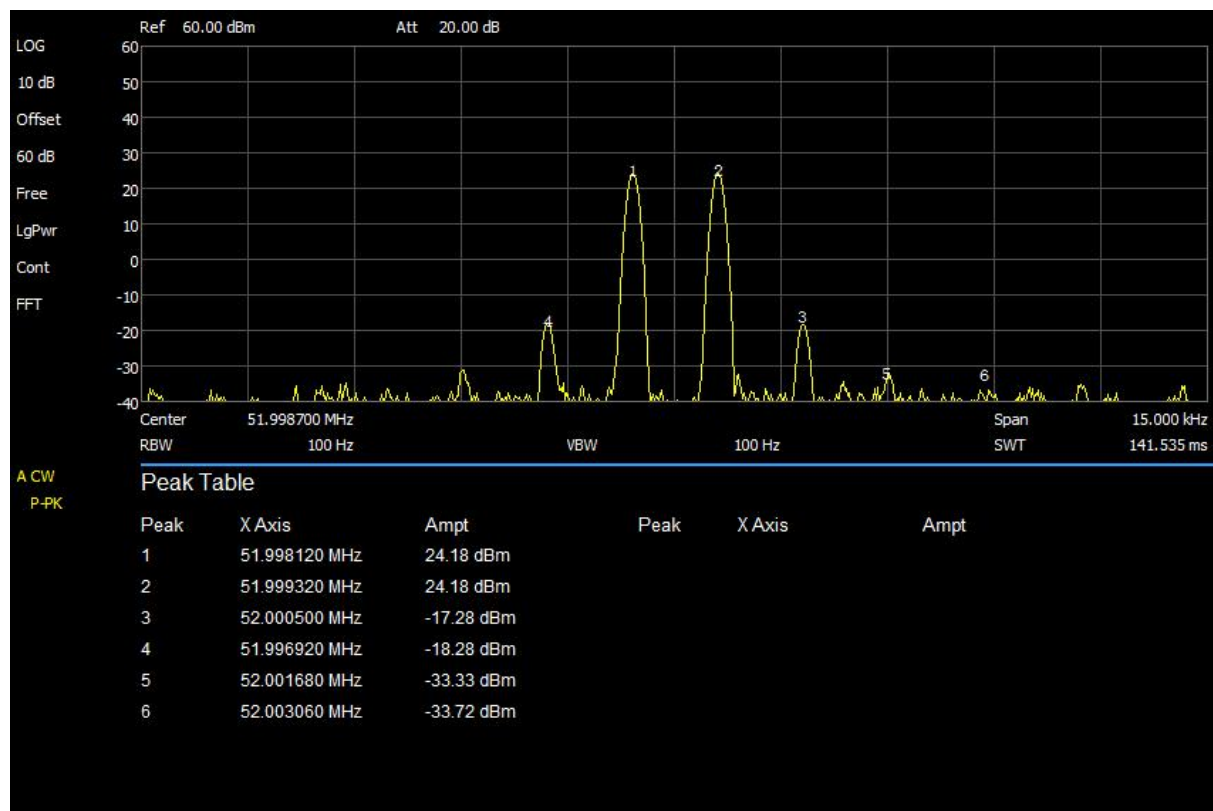
10\_1000



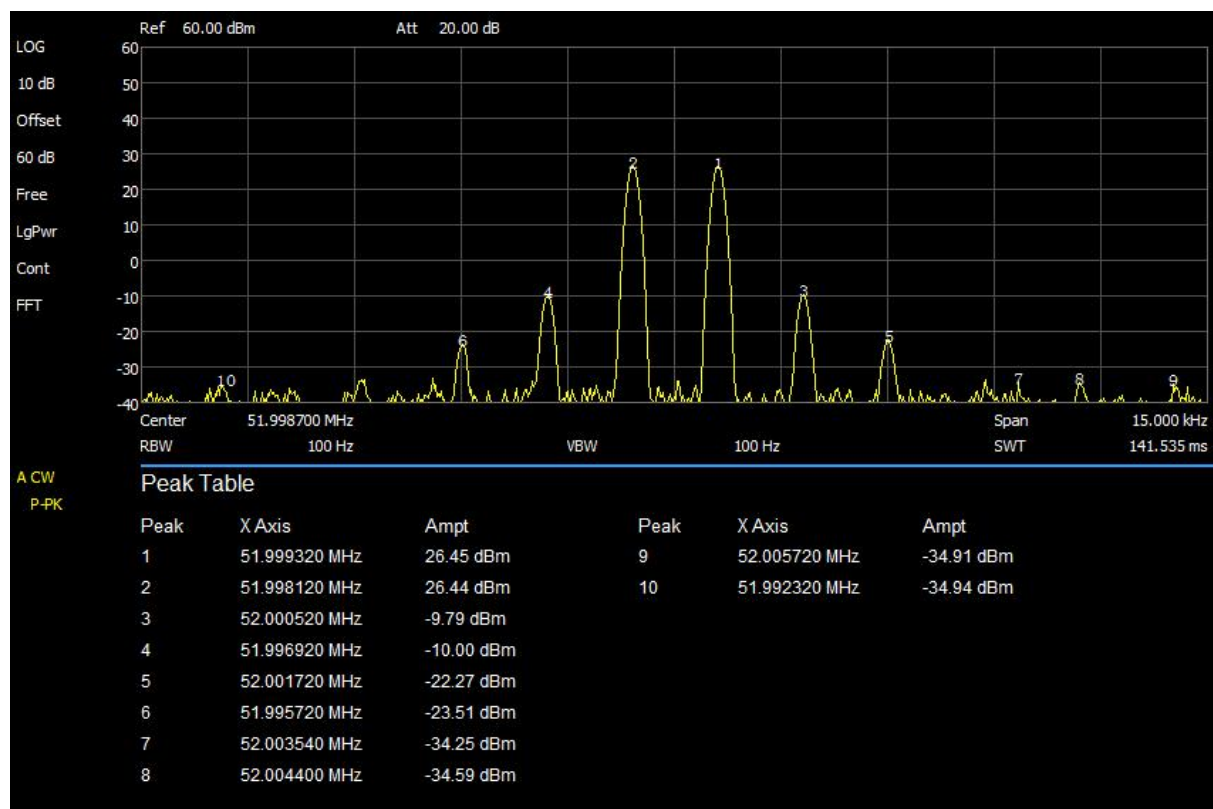
10\_2000

6m:

6\_500



6\_1000



6\_2000

PA-Setting von meinem Orion MK2:

160m	80m	60m	40m	30m	20m	17m	15m	12m	10m	6m
46.7	47.4	47.6	47.9	48.5	48.5	48.1	47.7	47.0	46.5	41.8

Die Firmware ist 2.3 mit OpenHPSDR 3.4.9

73´ René, DJ1YR