|  |  |  |  |
| --- | --- | --- | --- |
| **Signal Generator**  **(1090 MHz)** | **RF to IF Receiver Output 60 MHz (Standalone)** | **XMC Card Input(J3)**  *(when RF rcvr o/p connected to XMC card)* | **ADC Input(J3)** |
| -20 dbm | 2 dbm | -5 dbm | -15 dbm |
| -30 dbm | -8 dbm | -15 dbm | -25 dbm |
| -40 dbm | -18 dbm | -23 dbm | -33 dbm |
| -50 dbm | -28 dbm | -33 dbm | -43 dbm |
| -55 dbm | -35 dbm | -40 dbm | -50 dbm |
| -60 dbm | -38 dbm | -45 dbm | -55 dbm |
| -70 dbm | -48 dbm | -55 dbm | Not distinguishable |
| -80 dbm | -58 dbm | Not distinguishable | Not distinguishable |

**XMC Card Observations**

**J3 connector**

**J1 connector**

|  |  |  |  |
| --- | --- | --- | --- |
| **Signal Generator**  **(1090 MHz)** | **RF to IF Receiver Output 60 MHz (Standalone)** | **XMC Card Input(J1***)*  *(when RF rcvr o/p connected to XMC card)* | **ADC Input(J1)** |
| -20 dbm | 2 dbm | -4.9 dbm | -11.4 dbm |
| -30 dbm | -8 dbm | -14.5 dbm | -21 dbm |
| -40 dbm | -18 dbm | - 24.5 dbm | -31 dbm |
| -50 dbm | -28 dbm | -34.5 dbm | -41 dbm |
| -55 dbm | -35 dbm | -41.5 dbm | -48 dbm |
| -60 dbm | -38 dbm | -44.5 dbm | -51 dbm |
| -70 dbm | -48 dbm | -54.5 dbm | Not distinguishable |
| -80 dbm | -58 dbm | Not distinguishable | Not distinguishable |