

## RF power output

## DC\_5A\_n40A\_1

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
10MHz 10MHz_30kHz_829MHz 231 0MHz_QPSK CP-OFDM 16 QAM_RB12@0 RB12@6	20.64(20.32 9.2)	14.314	0.027	0.25	Pass
10MHz 10MHz_30kHz_829MHz 231 0MHz_QPSK CP-OFDM 256 QAM_RB12@0 RB12@6	20.45(20.3 5.65)	13.574	0.023	0.25	Pass
10MHz 10MHz_30kHz_829MHz 231 0MHz_QPSK CP-OFDM 64 QAM_RB12@0 RB12@6	20.59(20.3 8.74)	14.177	0.026	0.25	Pass
10MHz 10MHz_30kHz_829MHz 231 0MHz_QPSK CP-OFDM QPSK_RB1@0 RB1@0	20.57(20.24 9.25)	14.27	0.027	0.25	Pass
10MHz 10MHz_30kHz_829MHz 231 0MHz_QPSK CP-OFDM QPSK_RB12@0 RB12@6	20.64(20.32 9.18)	14.308	0.027	0.25	Pass
10MHz 10MHz_30kHz_829MHz 231 0MHz_QPSK DFT-s-OFDM 16 QAM_RB12@0 RB12@6	20.61(20.33 8.59)	14.162	0.026	0.25	Pass
10MHz 10MHz_30kHz_829MHz 231 0MHz_QPSK DFT-s-OFDM 256 QAM_RB12@0 RB12@6	20.56(20.33 7.63)	13.944	0.025	0.25	Pass
10MHz 10MHz_30kHz_829MHz 231 0MHz_QPSK DFT-s-OFDM 64 QAM_RB12@0 RB12@6	20.61(20.33 8.61)	14.167	0.026	0.25	Pass
10MHz 10MHz_30kHz_829MHz 231 0MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB1@0 RB1@0	20.5(20.21 8.63)	14.082	0.026	0.25	Pass
10MHz 10MHz_30kHz_829MHz 231 0MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB12@0 RB12@6	20.58(20.29 8.62)	14.14	0.026	0.25	Pass
10MHz 10MHz_30kHz_829MHz 231 0MHz_QPSK DFT-s-OFDM QPSK_RB1@0 RB1@0	20.39(20.1 8.55)	13.98	0.025	0.25	Pass

## Note:

**P\_Total(P\_LTE | P\_NR);**

**EIRP = P + Ant Gain – CL;**

**ERP = EIRP -2.15;**

**EIRP\_NSA = EIRP\_LTE + EIRP\_NR;**

**ERP\_NSA = ERP\_LTE + ERP\_NR**

**DC\_5A\_n40A\_1:**

**n40:**

**1.Ant Gain =-0.5 dBi;**

**2.CL = signal attenuation in the connecting cable  
between the transmitter and antenna in 0dB;**

**5A:**

**1.Ant Gain =-6.9 dBi;**

**2.CL = signal attenuation in the connecting cable  
between the transmitter and antenna in 0.5dB;**

## DC\_5A\_n40A\_2

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
10MHz 10MHz_30kHz_829MHz 235 5MHz_QPSK CP-OFDM 16 QAM_RB12@0 RB12@6	20.5(20.28 7.42)	13.861	0.024	0.25	Pass

10MHz 10MHz_30kHz_829MHz 235 5MHz_QPSK CP-OFDM 256 QAM_RB12@0 RB12@6	20.38(20.28 3.86)	13.34	0.022	0.25	Pass
10MHz 10MHz_30kHz_829MHz 235 5MHz_QPSK CP-OFDM 64 QAM_RB12@0 RB12@6	20.47(20.28 6.86)	13.754	0.024	0.25	Pass
10MHz 10MHz_30kHz_829MHz 235 5MHz_QPSK CP-OFDM QPSK_RB1@0 RB1@0	20.66(20.44 7.57)	14.019	0.025	0.25	Pass
10MHz 10MHz_30kHz_829MHz 235 5MHz_QPSK CP-OFDM QPSK_RB12@0 RB12@6	20.51(20.29 7.37)	13.859	0.024	0.25	Pass
10MHz 10MHz_30kHz_829MHz 235 5MHz_QPSK DFT-s-OFDM 16 QAM_RB12@0 RB12@6	20.48(20.3 6.66)	13.734	0.024	0.25	Pass
10MHz 10MHz_30kHz_829MHz 235 5MHz_QPSK DFT-s-OFDM 256 QAM_RB12@0 RB12@6	20.44(20.28 5.9)	13.594	0.023	0.25	Pass
10MHz 10MHz_30kHz_829MHz 235 5MHz_QPSK DFT-s-OFDM 64 QAM_RB12@0 RB12@6	20.52(20.32 7.05)	13.821	0.024	0.25	Pass
10MHz 10MHz_30kHz_829MHz 235 5MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB1@0 RB1@0	20.63(20.45 6.77)	13.877	0.024	0.25	Pass
10MHz 10MHz_30kHz_829MHz 235 5MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB12@0 RB12@6	20.46(20.28 6.66)	13.718	0.024	0.25	Pass
10MHz 10MHz_30kHz_829MHz 235 5MHz_QPSK DFT-s-OFDM QPSK_RB1@0 RB1@0	20.37(20.18 6.72)	13.646	0.023	0.25	Pass
10MHz 10MHz_30kHz_829MHz 235 5MHz_QPSK DFT-s-OFDM QPSK_RB12@0 RB12@6	20.45(20.27 6.6)	13.699	0.023	0.25	Pass

Note:

**P\_Total(P\_LTE | P\_NR);**

**EIRP = P + Ant Gain – CL;**

**ERP = EIRP -2.15;**

**EIRP\_NSA = EIRP\_LTE + EIRP\_NR;**

**ERP\_NSA = ERP\_LTE + ERP\_NR**

**DC\_5A\_n40A\_2:**

**n40:**

**1.Ant Gain =-0.5 dBi;**

**2.CL = signal attenuation in the connecting cable  
between the transmitter and antenna in 0dB;**

**5A:**

**1.Ant Gain =-6.9 dBi;**

**2.CL = signal attenuation in the connecting cable  
between the transmitter and antenna in 0.5dB;**