

FCC Part 27

RF power output

DC 12A n66A , Normal

Mode	Value (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
DC_12A_n66A_10MHz 5MHz_15kHz_704MHz 1712.5MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB1@0 RB1@0	21.36 (17.99 18.68)	23.687	0.234	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_704MHz 1712.5MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB12@0 RB12@6	21.24 (17.05 19.16)	23.655	0.232	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_704MHz 1712.5MHz_QPSK DFT-s-OFDM QPSK_RB1@0 RB1@0	21.26 (17.8 18.66)	23.6	0.229	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_704MHz 1712.5MHz_QPSK DFT-s-OFDM QPSK_RB12@0 RB12@6	21.6 (18.02 19.1)	23.956	0.249	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_704MHz 1712.5MHz_QPSK DFT-s-OFDM 16 QAM_RB12@0 RB12@6	21.33 (17.43 19.06)	23.716	0.235	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_704MHz 1712.5MHz_QPSK DFT-s-OFDM 64 QAM_RB12@0 RB12@6	21.5 (17.74 19.13)	23.871	0.244	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_704MHz 1712.5MHz_QPSK DFT-s-OFDM 256 QAM_RB12@0 RB12@6	20.56 (17.92 17.14)	22.793	0.19	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_704MHz 1712.5MHz_QPSK CP-OFDM QPSK_RB1@0 RB1@0	21.43 (18.03 18.77)	23.757	0.238	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_704MHz 1712.5MHz_QPSK CP-OFDM QPSK_RB12@0 RB13@6	21.53 (17.8 19.14)	23.899	0.245	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_704MHz 1712.5MHz_QPSK CP-OFDM 16 QAM_RB12@0 RB13@6	21.47 (17.77 19.05)	23.831	0.242	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_704MHz 1712.5MHz_QPSK CP-OFDM 64 QAM_RB12@0 RB13@6	21.58 (18.05 19.04)	23.93	0.247	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_704MHz 1712.5MHz_QPSK CP-OFDM 256 QAM_RB12@0 RB13@6	20.63 (17.99 17.21)	22.863	0.193	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_707.5MHz 1745MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB12@0 RB12@6	21.75 (17.87 19.46)	24.13	0.259	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_707.5MHz 1745MHz_QPSK DFT-s-OFDM QPSK_RB12@0 RB12@6	21.68 (17.84 19.36)	24.055	0.254	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_707.5MHz 1745MHz_QPSK DFT-s-OFDM 16 QAM_RB12@0 RB12@6	21.8 (18.07 19.41)	24.169	0.261	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_707.5MHz 1745MHz_QPSK DFT-s-OFDM 64 QAM_RB12@0 RB12@6	21.4 (17 19.44)	23.831	0.242	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_707.5MHz 1745MHz_QPSK DFT-s-OFDM 256 QAM_RB12@0 RB12@6	20.62 (17.73 17.48)	22.886	0.194	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM QPSK_RB12@0 RB13@6	21.57 (17.51 19.41)	23.974	0.25	1	Pass

Mode	Value (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
DC_12A_n66A_10MHz 5MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 16 QAM_RB12@0 RB13@6	21.66 (17.83 19.34)	24.038	0.253	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 64 QAM_RB12@0 RB13@6	21.55 (17.4 19.44)	23.958	0.249	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 256 QAM_RB12@0 RB13@6	20.48 (17.51 17.43)	22.76	0.189	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_711MHz 1777.5MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB1@49 RB1@24	19.77 (16.51 17)	22.088	0.162	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_711MHz 1777.5MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB12@38 RB12@6	20.45 (17.02 17.83)	22.789	0.19	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_711MHz 1777.5MHz_QPSK DFT-s-OFDM QPSK_RB1@49 RB1@24	19.73 (16.54 16.9)	22.041	0.16	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_711MHz 1777.5MHz_QPSK DFT-s-OFDM QPSK_RB12@38 RB12@6	20.33 (16.84 17.76)	22.677	0.185	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_711MHz 1777.5MHz_QPSK DFT-s-OFDM 16 QAM_RB12@38 RB12@6	20.3 (16.82 17.71)	22.638	0.184	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_711MHz 1777.5MHz_QPSK DFT-s-OFDM 64 QAM_RB12@38 RB12@6	20.37 (16.94 17.75)	22.709	0.187	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_711MHz 1777.5MHz_QPSK DFT-s-OFDM 256 QAM_RB12@38 RB12@6	19.34 (16.81 15.78)	21.555	0.143	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_711MHz 1777.5MHz_QPSK CP-OFDM QPSK_RB1@49 RB1@24	19.69 (16.4 16.95)	22.013	0.159	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_711MHz 1777.5MHz_QPSK CP-OFDM QPSK_RB12@38 RB13@6	20.46 (17.1 17.78)	22.791	0.19	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_711MHz 1777.5MHz_QPSK CP-OFDM 16 QAM_RB12@38 RB13@6	20.05 (16.35 17.64)	22.418	0.174	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_711MHz 1777.5MHz_QPSK CP-OFDM 64 QAM_RB12@38 RB13@6	20.27 (16.7 17.75)	22.617	0.183	1	Pass
DC_12A_n66A_10MHz 5MHz_15kHz_711MHz 1777.5MHz_QPSK CP-OFDM 256 QAM_RB12@38 RB13@6	19 (16.8 14.99)	21.17	0.131	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_704MHz 1715MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB1@0 RB1@0	21.06 (17.35 18.65)	23.424	0.22	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_704MHz 1715MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB12@0 RB25@12	21.63 (17.75 19.34)	24.01	0.252	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_704MHz 1715MHz_QPSK DFT-s-OFDM QPSK_RB1@0 RB1@0	21.09 (17.42 18.65)	23.45	0.221	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_704MHz 1715MHz_QPSK DFT-s-OFDM QPSK_RB12@0 RB25@12	21.54 (17.5 19.36)	23.938	0.248	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_704MHz 1715MHz_QPSK DFT-s-OFDM 16 QAM_RB12@0 RB25@12	21.65 (17.74 19.38)	24.033	0.253	1	Pass

Mode	Value (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
DC_12A_n66A_10MHz 10MHz_15kHz_704MHz 1715MHz_QPSK DFT-s-OFDM 64 QAM_RB12@0 RB25@12	21.81 (18.17 19.35)	24.168	0.261	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_704MHz 1715MHz_QPSK DFT-s-OFDM 256 QAM_RB12@0 RB25@12	20.51 (17.66 17.34)	22.778	0.19	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_704MHz 1715MHz_QPSK CP-OFDM QPSK_RB1@0 RB1@0	21.16 (17.49 18.72)	23.52	0.225	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_704MHz 1715MHz_QPSK CP-OFDM QPSK_RB12@0 RB26@13	21.53 (17.55 19.31)	23.922	0.247	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_704MHz 1715MHz_QPSK CP-OFDM 16 QAM_RB12@0 RB26@13	21.87 (17.93 19.63)	24.262	0.267	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_704MHz 1715MHz_QPSK CP-OFDM 64 QAM_RB12@0 RB26@13	21.51 (17.82 19.09)	23.875	0.244	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_704MHz 1715MHz_QPSK CP-OFDM 256 QAM_RB12@0 RB26@13	20.57 (17.7 17.41)	22.834	0.192	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM PI/2 BPSK_RB12@0 RB25@12	21.75 (17.85 19.48)	24.136	0.259	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM QPSK_RB12@0 RB25@12	21.4 (17.02 19.43)	23.831	0.242	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM 16 QAM_RB12@0 RB25@12	21.7 (17.73 19.47)	24.088	0.256	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM 64 QAM_RB12@0 RB25@12	21.67 (17.57 19.53)	24.074	0.256	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM 256 QAM_RB12@0 RB25@12	20.42 (17.44 17.38)	22.701	0.186	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM QPSK_RB12@0 RB26@13	21.68 (17.86 19.36)	24.062	0.255	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 16 QAM_RB12@0 RB26@13	21.45 (17.12 19.45)	23.875	0.244	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 64 QAM_RB12@0 RB26@13	21.4 (17.87 18.85)	23.744	0.237	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 256 QAM_RB12@0 RB26@13	20.54 (17.68 17.37)	22.803	0.191	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_711MHz 1775MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB1@49 RB1@51	20.68 (18.31 16.93)	22.883	0.194	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_711MHz 1775MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB12@38 RB25@12	20.86 (17.06 18.52)	23.236	0.211	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_711MHz 1775MHz_QPSK DFT-s-OFDM QPSK_RB1@49 RB1@51	20.84 (18.55 16.97)	23.027	0.201	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_711MHz 1775MHz_QPSK DFT-s-OFDM QPSK_RB12@38 RB25@12	20.83 (17.03 18.48)	23.2	0.209	1	Pass

Mode	Value (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
DC_12A_n66A_10MHz 10MHz_15kHz_711MHz 1775MHz_QPSK DFT-s-OFDM 16 QAM_RB12@38 RB25@12	20.8 (16.92 18.51)	23.18	0.208	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_711MHz 1775MHz_QPSK DFT-s-OFDM 64 QAM_RB12@38 RB25@12	20.76 (16.76 18.56)	23.158	0.207	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_711MHz 1775MHz_QPSK DFT-s-OFDM 256 QAM_RB12@38 RB25@12	19.49 (16.6 16.36)	21.762	0.15	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_711MHz 1775MHz_QPSK CP-OFDM QPSK_RB1@49 RB1@51	20.72 (18.35 16.96)	22.918	0.196	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_711MHz 1775MHz_QPSK CP-OFDM QPSK_RB12@38 RB26@13	20.45 (16.34 18.32)	22.858	0.193	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_711MHz 1775MHz_QPSK CP-OFDM 16 QAM_RB12@38 RB26@13	20.73 (16.8 18.48)	23.119	0.205	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_711MHz 1775MHz_QPSK CP-OFDM 64 QAM_RB12@38 RB26@13	20.28 (16.65 17.82)	22.642	0.184	1	Pass
DC_12A_n66A_10MHz 10MHz_15kHz_711MHz 1775MHz_QPSK CP-OFDM 256 QAM_RB12@38 RB26@13	19.65 (16.91 16.36)	21.904	0.155	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_704MHz 1717.5MHz_QPSK DF T-s-OFDM PI/2 BPSK_RB1@0 RB1@0	20.86 (16.81 18.68)	23.254	0.212	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_704MHz 1717.5MHz_QPSK DF T-s-OFDM PI/2 BPSK_RB12@0 RB36@18	21.59 (17.47 19.47)	24.001	0.251	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_704MHz 1717.5MHz_QPSK DF T-s-OFDM QPSK_RB1@0 RB1@0	20.8 (16.68 18.67)	23.205	0.209	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_704MHz 1717.5MHz_QPSK DF T-s-OFDM QPSK_RB12@0 RB36@18	21.68 (17.7 19.47)	24.078	0.256	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_704MHz 1717.5MHz_QPSK DF T-s-OFDM 16 QAM_RB12@0 RB36@18	21.71 (17.91 19.37)	24.086	0.256	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_704MHz 1717.5MHz_QPSK DF T-s-OFDM 64 QAM_RB12@0 RB36@18	21.6 (17.63 19.37)	23.988	0.251	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_704MHz 1717.5MHz_QPSK DF T-s-OFDM 256 QAM_RB12@0 RB36@18	20.57 (17.73 17.38)	22.831	0.192	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_704MHz 1717.5MHz_QPSK CP-OFDM QPSK_RB1@0 RB1@0	20.95 (16.94 18.76)	23.351	0.216	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_704MHz 1717.5MHz_QPSK CP-OFDM QPSK_RB12@0 RB39@19	21.68 (17.95 19.29)	24.049	0.254	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_704MHz 1717.5MHz_QPSK CP-OFDM 16 QAM_RB12@0 RB39@19	21.68 (17.75 19.42)	24.062	0.255	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_704MHz 1717.5MHz_QPSK CP-OFDM 64 QAM_RB12@0 RB39@19	21.41 (17.95 18.81)	23.75	0.237	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_704MHz 1717.5MHz_QPSK CP-OFDM 256 QAM_RB12@0 RB39@19	20.6 (17.87 17.3)	22.853	0.193	1	Pass

Mode	Value (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
DC_12A_n66A_10MHz 15MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM PI/2 BPSK_RB12@0 RB36@18	21.88 (18.1 19.52)	24.251	0.266	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM QPSK_RB12@0 RB36@18	21.53 (17.45 19.38)	23.934	0.247	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM 16 QAM_RB12@0 RB36@18	21.6 (17.38 19.54)	24.019	0.252	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM 64 QAM_RB12@0 RB36@18	21.72 (17.77 19.48)	24.109	0.258	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM 256 QAM_RB12@0 RB36@18	20.72 (17.91 17.51)	22.984	0.199	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM QPSK_RB12@0 RB39@19	21.69 (17.67 19.5)	24.088	0.256	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 16 QAM_RB12@0 RB39@19	21.44 (17.05 19.48)	23.874	0.244	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 64 QAM_RB12@0 RB39@19	21.4 (17.73 18.97)	23.766	0.238	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 256 QAM_RB12@0 RB39@19	20.56 (17.64 17.45)	22.829	0.192	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_711MHz 1772.5MHz_QPSK DF T-s-OFDM PI/2 BPSK_RB1@49 RB1@78	19.33 (15.37 17.1)	21.722	0.149	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_711MHz 1772.5MHz_QPSK DF T-s-OFDM PI/2 BPSK_RB12@38 RB36@18	20.98 (16.68 18.96)	23.401	0.219	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_711MHz 1772.5MHz_QPSK DF T-s-OFDM QPSK_RB1@49 RB1@78	20.2 (17.32 17.06)	22.471	0.177	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_711MHz 1772.5MHz_QPSK DF T-s-OFDM QPSK_RB12@38 RB36@18	21.09 (17.04 18.92)	23.491	0.223	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_711MHz 1772.5MHz_QPSK DF T-s-OFDM 16 QAM_RB12@38 RB36@18	20.94 (16.85 18.79)	23.341	0.216	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_711MHz 1772.5MHz_QPSK DF T-s-OFDM 64 QAM_RB12@38 RB36@18	20.94 (16.75 18.86)	23.355	0.217	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_711MHz 1772.5MHz_QPSK DF T-s-OFDM 256 QAM_RB12@38 RB36@18	19.82 (16.77 16.84)	22.105	0.162	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_711MHz 1772.5MHz_QPSK CP-OFDM QPSK_RB1@49 RB1@78	19.45 (15.73 17.05)	21.817	0.152	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_711MHz 1772.5MHz_QPSK CP-OFDM QPSK_RB12@38 RB39@19	20.78 (16.26 18.89)	23.224	0.21	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_711MHz 1772.5MHz_QPSK CP-OFDM 16 QAM_RB12@38 RB39@19	20.9 (16.46 18.96)	23.333	0.215	1	Pass
DC_12A_n66A_10MHz 15MHz_15kHz_711MHz 1772.5MHz_QPSK CP-OFDM 64 QAM_RB12@38 RB39@19	20.54 (16.47 18.38)	22.941	0.197	1	Pass

Mode	Value (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
DC_12A_n66A_10MHz 15MHz_15kHz_711MHz 1772.5MHz_QPSK CP-OFDM 256 QAM_RB12@38 RB39@19	19.91 (16.9 16.9)	22.195	0.166	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_704MHz 1720MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB1@0 RB1@0	22.22 (19.57 18.81)	24.454	0.279	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_704MHz 1720MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB12@0 RB50@25	21.61 (17.81 19.26)	23.98	0.25	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_704MHz 1720MHz_QPSK DFT-s-OFDM QPSK_RB1@0 RB1@0	20.8 (16.55 18.75)	23.216	0.21	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_704MHz 1720MHz_QPSK DFT-s-OFDM QPSK_RB12@0 RB50@25	21.3 (17.22 19.15)	23.704	0.235	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_704MHz 1720MHz_QPSK DFT-s-OFDM 16 QAM_RB12@0 RB50@25	21.66 (18.02 19.2)	24.018	0.252	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_704MHz 1720MHz_QPSK DFT-s-OFDM 64 QAM_RB12@0 RB50@25	21.47 (17.64 19.15)	23.848	0.243	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_704MHz 1720MHz_QPSK DFT-s-OFDM 256 QAM_RB12@0 RB50@25	20.33 (17.45 17.18)	22.595	0.182	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_704MHz 1720MHz_QPSK CP-OFDM QPSK_RB1@0 RB1@0	20.92 (16.75 18.83)	23.335	0.216	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_704MHz 1720MHz_QPSK CP-OFDM QPSK_RB12@0 RB53@26	21.36 (17.45 19.1)	23.749	0.237	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_704MHz 1720MHz_QPSK CP-OFDM 16 QAM_RB12@0 RB53@26	21.41 (17.57 19.09)	23.785	0.239	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_704MHz 1720MHz_QPSK CP-OFDM 64 QAM_RB12@0 RB53@26	21.22 (17.82 18.56)	23.547	0.226	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_704MHz 1720MHz_QPSK CP-OFDM 256 QAM_RB12@0 RB53@26	20.32 (17.61 16.99)	22.567	0.181	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM PI/2 BPSK_RB12@0 RB50@25	21.88 (18.08 19.53)	24.25	0.266	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM QPSK_RB12@0 RB50@25	21.73 (17.78 19.5)	24.125	0.259	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM 16 QAM_RB12@0 RB50@25	21.58 (17.52 19.41)	23.978	0.25	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM 64 QAM_RB12@0 RB50@25	21.67 (17.69 19.46)	24.068	0.255	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM 256 QAM_RB12@0 RB50@25	20.72 (17.93 17.48)	22.977	0.198	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM QPSK_RB12@0 RB53@26	21.57 (17.48 19.42)	23.971	0.25	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 16 QAM_RB12@0 RB53@26	21.53 (17.3 19.47)	23.946	0.248	1	Pass

Mode	Value (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
DC_12A_n66A_10MHz 20MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 64 QAM_RB12@0 RB53@26	21.41 (17.8 18.93)	23.767	0.238	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 256 QAM_RB12@0 RB53@26	20.57 (17.76 17.36)	22.834	0.192	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_711MHz 1770MHz_QPSK DFT-s-OFDM QPSK_RB1@49 RB1@105	19.04 (15.72 16.31)	21.357	0.137	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_711MHz 1770MHz_QPSK DFT-s-OFDM QPSK_RB12@38 RB50@25	20.86 (17.75 17.95)	23.159	0.207	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_711MHz 1770MHz_QPSK DFT-s-OFDM 16 QAM_RB12@38 RB50@25	20.28 (16.54 17.9)	22.652	0.184	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_711MHz 1770MHz_QPSK DFT-s-OFDM 64 QAM_RB12@38 RB50@25	20.6 (17.21 17.94)	22.931	0.196	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_711MHz 1770MHz_QPSK DFT-s-OFDM 256 QAM_RB12@38 RB50@25	19.06 (17.13 14.62)	21.192	0.132	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_711MHz 1770MHz_QPSK CP-OFDM QPSK_RB1@49 RB1@105	19.04 (15.74 16.31)	21.365	0.137	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_711MHz 1770MHz_QPSK CP-OFDM QPSK_RB12@38 RB53@26	20.69 (17.4 17.94)	23.007	0.2	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_711MHz 1770MHz_QPSK CP-OFDM 16 QAM_RB12@38 RB53@26	20.41 (16.81 17.91)	22.758	0.189	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_711MHz 1770MHz_QPSK CP-OFDM 64 QAM_RB12@38 RB53@26	20.12 (16.78 17.41)	22.441	0.175	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_711MHz 1770MHz_QPSK CP-OFDM 256 QAM_RB12@38 RB53@26	18.88 (16.96 14.42)	21.01	0.126	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_704MHz 1725MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB1@0 RB1@0	21.19 (17.46 18.8)	23.559	0.227	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_704MHz 1725MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB12@0 RB80@40	21.31 (18.74 17.8)	23.531	0.225	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_704MHz 1725MHz_QPSK DFT-s-OFDM QPSK_RB1@0 RB1@0	21.16 (17.42 18.78)	23.532	0.226	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_704MHz 1725MHz_QPSK DFT-s-OFDM QPSK_RB12@0 RB80@40	21.12 (18.46 17.72)	23.354	0.216	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_704MHz 1725MHz_QPSK DFT-s-OFDM 16 QAM_RB12@0 RB80@40	20.89 (17.95 17.8)	23.161	0.207	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_704MHz 1725MHz_QPSK DFT-s-OFDM 64 QAM_RB12@0 RB80@40	21.18 (18.61 17.68)	23.406	0.219	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_704MHz 1725MHz_QPSK DFT-s-OFDM 256 QAM_RB12@0 RB80@40	20.41 (18.58 15.76)	22.515	0.178	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_704MHz 1725MHz_QPSK CP-OFDM QPSK_RB1@0 RB1@0	21.98 (19.18 18.74)	24.233	0.265	1	Pass

Mode	Value (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
DC_12A_n66A_10MHz 30MHz_15kHz_704MHz 1725MHz_QPSK CP-OFDM QPSK_RB12@0 RB80@40	21.11 (18.43 17.75)	23.355	0.217	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_704MHz 1725MHz_QPSK CP-OFDM 16 QAM_RB12@0 RB80@40	21.12 (18.45 17.75)	23.365	0.217	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_704MHz 1725MHz_QPSK CP-OFDM 64 QAM_RB12@0 RB80@40	21 (18.24 17.73)	23.255	0.212	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_704MHz 1725MHz_QPSK CP-OFDM 256 QAM_RB12@0 RB80@40	19.9 (17.81 15.72)	22.053	0.16	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM PI/2 BPSK_RB12@0 RB80@40	21.35 (18.42 18.25)	23.62	0.23	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM QPSK_RB12@0 RB80@40	21.41 (18.47 18.32)	23.681	0.233	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM 16 QAM_RB12@0 RB80@40	21.35 (18.3 18.38)	23.64	0.231	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM 64 QAM_RB12@0 RB80@40	21.24 (18.14 18.32)	23.537	0.226	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM 256 QAM_RB12@0 RB80@40	20.22 (17.98 16.27)	22.396	0.174	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM QPSK_RB12@0 RB80@40	21.49 (18.57 18.38)	23.759	0.238	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 16 QAM_RB12@0 RB80@40	21.37 (18.46 18.26)	23.644	0.231	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 64 QAM_RB12@0 RB80@40	21.47 (18.59 18.32)	23.735	0.236	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 256 QAM_RB12@0 RB80@40	20.5 (18.44 16.26)	22.644	0.184	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_711MHz 1765MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB1@49 RB1@159	19.07 (15.69 16.4)	21.399	0.138	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_711MHz 1765MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB12@38 RB80@40	20 (16.77 17.2)	22.312	0.17	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_711MHz 1765MHz_QPSK DFT-s-OFDM QPSK_RB1@49 RB1@159	19.07 (15.76 16.34)	21.391	0.138	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_711MHz 1765MHz_QPSK DFT-s-OFDM QPSK_RB12@38 RB80@40	19.81 (16.46 17.12)	22.139	0.164	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_711MHz 1765MHz_QPSK DFT-s-OFDM 16 QAM_RB12@38 RB80@40	20.15 (17.04 17.23)	22.443	0.176	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_711MHz 1765MHz_QPSK DFT-s-OFDM 64 QAM_RB12@38 RB80@40	20.14 (17.09 17.17)	22.43	0.175	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_711MHz 1765MHz_QPSK DFT-s-OFDM 256 QAM_RB12@38 RB80@40	19.22 (17.08 15.13)	21.386	0.138	1	Pass

Mode	Value (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
DC_12A_n66A_10MHz 30MHz_15kHz_711MHz 1765MHz_QPSK CP-OFDM QPSK_RB1@49 RB1@159	19.05 (15.64 16.41)	21.385	0.138	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_711MHz 1765MHz_QPSK CP-OFDM QPSK_RB12@38 RB80@40	20.11 (17.08 17.12)	22.398	0.174	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_711MHz 1765MHz_QPSK CP-OFDM 16 QAM_RB12@38 RB80@40	20.08 (17.01 17.13)	22.373	0.173	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_711MHz 1765MHz_QPSK CP-OFDM 64 QAM_RB12@38 RB80@40	20 (16.8 17.18)	22.313	0.17	1	Pass
DC_12A_n66A_10MHz 30MHz_15kHz_711MHz 1765MHz_QPSK CP-OFDM 256 QAM_RB12@38 RB80@40	19.13 (16.94 15.12)	21.305	0.135	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_704MHz 1730MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB1@0 RB1@0	21.07 (17.22 18.77)	23.454	0.222	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_704MHz 1730MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB12@0 RB108@54	21.05 (18.4 17.64)	23.284	0.213	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_704MHz 1730MHz_QPSK DFT-s-OFDM QPSK_RB1@0 RB1@0	21.11 (17.3 18.77)	23.483	0.223	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_704MHz 1730MHz_QPSK DFT-s-OFDM QPSK_RB12@0 RB108@54	21.19 (18.57 17.76)	23.428	0.22	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_704MHz 1730MHz_QPSK DFT-s-OFDM 16 QAM_RB12@0 RB108@54	21.3 (18.79 17.72)	23.515	0.225	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_704MHz 1730MHz_QPSK DFT-s-OFDM 64 QAM_RB12@0 RB108@54	21.31 (18.81 17.71)	23.52	0.225	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_704MHz 1730MHz_QPSK DFT-s-OFDM 256 QAM_RB12@0 RB108@54	20.26 (18.42 15.65)	22.375	0.173	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_704MHz 1730MHz_QPSK CP-OFDM QPSK_RB1@0 RB1@0	21.13 (17.38 18.75)	23.499	0.224	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_704MHz 1730MHz_QPSK CP-OFDM QPSK_RB12@0 RB108@54	21.1 (18.5 17.64)	23.332	0.215	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_704MHz 1730MHz_QPSK CP-OFDM 16 QAM_RB12@0 RB108@54	20.82 (17.93 17.69)	23.092	0.204	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_704MHz 1730MHz_QPSK CP-OFDM 64 QAM_RB12@0 RB108@54	21.21 (18.66 17.69)	23.436	0.221	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_704MHz 1730MHz_QPSK CP-OFDM 256 QAM_RB12@0 RB108@54	20.24 (18.42 15.57)	22.343	0.172	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM PI/2 BPSK_RB12@0 RB108@54	21.2 (18.19 18.19)	23.485	0.223	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM QPSK_RB12@0 RB108@54	21.32 (18.46 18.16)	23.589	0.228	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM 16 QAM_RB12@0 RB108@54	21.38 (18.52 18.21)	23.643	0.231	1	Pass

Mode	Value (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
DC_12A_n66A_10MHz 40MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM 64 QAM_RB12@0 RB108@54	21.33 (18.51 18.12)	23.59	0.229	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_707.5MHz 1745MHz_QPSK DF T-s-OFDM 256 QAM_RB12@0 RB108@54	20.25 (18.12 16.14)	22.413	0.174	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM QPSK_RB12@0 RB108@54	21.29 (18.42 18.14)	23.56	0.227	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 16 QAM_RB12@0 RB108@54	21.38 (18.52 18.21)	23.643	0.231	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 64 QAM_RB12@0 RB108@54	21.29 (18.47 18.08)	23.55	0.226	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_707.5MHz 1745MHz_QPSK CP-OFDM 256 QAM_RB12@0 RB108@54	20.32 (18.23 16.14)	22.473	0.177	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_711MHz 1760MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB1@49 RB1@215	19.09 (15.7 16.43)	21.421	0.139	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_711MHz 1760MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB12@38 RB108@54	20.05 (17.05 17.02)	22.328	0.171	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_711MHz 1760MHz_QPSK DFT-s-OFDM QPSK_RB1@49 RB1@215	19 (15.56 16.38)	21.336	0.136	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_711MHz 1760MHz_QPSK DFT-s-OFDM QPSK_RB12@38 RB108@54	20.01 (16.98 17.01)	22.292	0.17	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_711MHz 1760MHz_QPSK DFT-s-OFDM 16 QAM_RB12@38 RB108@54	20.23 (17.41 17.02)	22.49	0.177	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_711MHz 1760MHz_QPSK DFT-s-OFDM 64 QAM_RB12@38 RB108@54	19.99 (16.95 17)	22.273	0.169	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_711MHz 1760MHz_QPSK DFT-s-OFDM 256 QAM_RB12@38 RB108@54	18.92 (16.75 14.86)	21.083	0.128	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_711MHz 1760MHz_QPSK CP-OFDM QPSK_RB1@49 RB1@215	19.03 (15.64 16.36)	21.355	0.137	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_711MHz 1760MHz_QPSK CP-OFDM QPSK_RB12@38 RB108@54	20.1 (17.19 16.99)	22.374	0.173	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_711MHz 1760MHz_QPSK CP-OFDM 16 QAM_RB12@38 RB108@54	19.93 (16.93 16.91)	22.214	0.166	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_711MHz 1760MHz_QPSK CP-OFDM 64 QAM_RB12@38 RB108@54	19.97 (16.98 16.94)	22.253	0.168	1	Pass
DC_12A_n66A_10MHz 40MHz_15kHz_711MHz 1760MHz_QPSK CP-OFDM 256 QAM_RB12@38 RB108@54	19.29 (17.32 14.92)	21.429	0.139	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_711MHz 1770MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB1@49 RB1@105	19.62 (16.9 16.29)	21.862	0.154	1	Pass
DC_12A_n66A_10MHz 20MHz_15kHz_711MHz 1770MHz_QPSK DFT-s-OFDM PI/2 BPSK_RB12@38 RB50@25	20.66 (17.47 17.83)	22.971	0.198	1	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_12A_n66A:

n66:

1.Ant Gain =3.5 dBi;

2.CL = signal attenuation in the connecting cable between the transmitter and antenna in 0.7dB;

12A:

1.Ant Gain =2.1 dBi;

2.CL = signal attenuation in the connecting cable between the transmitter and antenna in 0.4dB;