

5.8.1 LTE Band 2

LTE Band 2_20 MHz_QPSK							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
Lowest Channel							
1	698.804	-79.72	11.01	-68.71	-13.00	-55.71	Horizontal
2	809.924	-80.05	12.40	-67.65	-13.00	-54.65	Horizontal
3	992.997	-81.26	15.25	-66.01	-13.00	-53.01	Horizontal
4	7440.000	-50.06	13.06	-37.00	-13.00	-24.00	Horizontal
5	9300.000	-46.00	14.68	-31.32	-13.00	-18.32	Horizontal
6	771.047	-79.06	11.39	-67.67	-13.00	-54.67	Vertical
7	850.760	-79.63	13.12	-66.51	-13.00	-53.51	Vertical
8	906.304	-80.09	14.22	-65.87	-13.00	-52.87	Vertical
9	7440.000	-42.98	13.06	-29.92	-13.00	-16.92	Vertical
10	9300.000	-44.86	14.68	-30.18	-13.00	-17.18	Vertical
Middle Channel							
1	620.117	-79.05	8.99	-70.06	-13.00	-57.06	Horizontal
2	925.613	-80.38	14.08	-66.30	-13.00	-53.30	Horizontal
3	965.474	-80.64	14.47	-66.17	-13.00	-53.17	Horizontal
4	7520.000	-35.39	13.07	-22.32	-13.00	-9.32	Horizontal
5	9400.000	-40.58	14.73	-25.85	-13.00	-12.85	Horizontal
6	527.571	-78.68	7.69	-70.99	-13.00	-57.99	Vertical
7	620.117	-79.05	8.99	-70.06	-13.00	-57.06	Vertical
8	809.924	-79.99	12.40	-67.59	-13.00	-54.59	Vertical
9	7520.000	-31.39	13.07	-18.32	-13.00	-5.32	Vertical
10	9400.000	-36.77	14.73	-22.04	-13.00	-9.04	Vertical
Highest Channel							
1	689.051	-80.10	10.65	-69.45	-13.00	-56.45	Vertical
2	718.725	-80.26	10.99	-69.27	-13.00	-56.27	Vertical
3	787.475	-79.52	11.87	-67.65	-13.00	-54.65	Vertical
4	5700.000	-35.33	11.33	-24.00	-13.00	-11.00	Horizontal
5	7600.000	-38.57	13.04	-25.53	-13.00	-12.53	Horizontal
6	554.171	-79.34	7.90	-71.44	-13.00	-58.44	Vertical
7	679.435	-79.50	10.17	-69.33	-13.00	-56.33	Vertical
8	856.760	-80.31	13.18	-67.13	-13.00	-54.13	Vertical
9	5700.000	-30.18	11.33	-18.85	-13.00	-5.85	Vertical
10	7600.000	-34.16	13.04	-21.12	-13.00	-8.12	Vertical

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5.8.2 LTE Band 4

LTE Band 4_20 MHz_QPSK							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
Lowest Channel							
1	633.328	-79.40	9.21	-70.19	-13.00	-57.19	Horizontal
2	660.602	-79.56	9.66	-69.90	-13.00	-56.90	Horizontal
3	899.958	-80.03	13.92	-66.11	-13.00	-53.11	Horizontal
4	6880.000	-50.08	13.00	-37.08	-13.00	-24.08	Horizontal
5	8600.000	-48.71	13.76	-34.95	-13.00	-21.95	Horizontal
6	723.793	-79.42	11.05	-68.37	-13.00	-55.37	Vertical
7	844.803	-80.06	13.05	-67.01	-13.00	-54.01	Vertical
8	952.000	-80.35	14.37	-65.98	-13.00	-52.98	Vertical
9	6880.000	-47.46	13.00	-34.46	-13.00	-21.46	Vertical
10	8600.000	-42.50	13.76	-28.74	-13.00	-15.74	Vertical
Middle Channel							
1	739.214	-79.74	11.16	-68.58	-13.00	-55.58	Horizontal
2	804.252	-79.11	12.27	-66.84	-13.00	-53.84	Horizontal
3	945.334	-80.37	14.41	-65.96	-13.00	-52.96	Horizontal
4	6930.000	-51.28	13.01	-38.27	-13.00	-25.27	Horizontal
5	8662.500	-50.08	13.87	-36.21	-13.00	-23.21	Horizontal
6	554.171	-79.03	7.90	-71.13	-13.00	-58.13	Vertical
7	615.774	-79.63	8.91	-70.72	-13.00	-57.72	Vertical
8	698.804	-79.25	11.01	-68.24	-13.00	-55.24	Vertical
9	6930.000	-46.76	13.01	-33.75	-13.00	-20.75	Vertical
10	8662.500	-44.28	13.87	-30.41	-13.00	-17.41	Vertical
Highest Channel							
1	535.038	-79.25	7.71	-71.54	-13.00	-58.54	Horizontal
2	708.694	-80.20	11.00	-69.20	-13.00	-56.20	Horizontal
3	906.304	-80.03	14.22	-65.81	-13.00	-52.81	Horizontal
4	6980.000	-48.78	13.01	-35.77	-13.00	-22.77	Horizontal
5	8725.000	-49.82	13.99	-35.83	-13.00	-22.83	Horizontal
6	698.804	-79.85	11.01	-68.84	-13.00	-55.84	Vertical
7	804.252	-79.35	12.27	-67.08	-13.00	-54.08	Vertical
8	992.997	-80.84	15.25	-65.59	-13.00	-52.59	Vertical
9	6980.000	-44.63	13.01	-31.62	-13.00	-18.62	Vertical
10	8725.000	-41.69	13.99	-27.70	-13.00	-14.70	Vertical

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5.8.3 LTE Band 5

LTE Band 5_10 MHz_QPSK							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
Lowest Channel							
1	651.383	-87.48	39.07	-48.41	-13.00	-35.41	Horizontal
2	698.804	-87.83	40.56	-47.27	-13.00	-34.27	Horizontal
3	945.334	-86.27	43.55	-42.72	-13.00	-29.72	Horizontal
4	4974.000	-35.52	9.73	-25.79	-13.00	-12.79	Horizontal
5	5803.000	-45.89	11.57	-34.32	-13.00	-21.32	Horizontal
6	718.725	-87.86	40.53	-47.33	-13.00	-34.33	Vertical
7	765.648	-87.46	40.98	-46.48	-13.00	-33.48	Vertical
8	986.044	-86.69	44.08	-42.61	-13.00	-29.61	Vertical
9	4974.000	-27.67	9.73	-17.94	-13.00	-4.94	Vertical
10	5803.000	-37.59	11.57	-26.02	-13.00	-13.02	Vertical
Middle Channel							
1	734.037	-88.04	40.89	-47.15	-13.00	-34.15	Horizontal
2	776.485	-87.10	40.91	-46.19	-13.00	-33.19	Horizontal
3	938.714	-86.08	43.31	-42.77	-13.00	-29.77	Horizontal
4	4182.500	-52.18	9.10	-43.08	-13.00	-30.08	Horizontal
5	5019.000	-48.08	9.79	-38.29	-13.00	-25.29	Horizontal
6	708.694	-88.03	40.55	-47.48	-13.00	-34.48	Vertical
7	815.635	-87.59	42.02	-45.57	-13.00	-32.57	Vertical
8	919.132	-86.90	43.35	-43.55	-13.00	-30.55	Vertical
9	4182.500	-49.24	9.10	-40.14	-13.00	-27.14	Vertical
10	5019.000	-40.60	9.79	-30.81	-13.00	-17.81	Vertical
Highest Channel							
1	754.963	-87.45	40.67	-46.78	-13.00	-33.78	Horizontal
2	919.132	-87.05	43.35	-43.70	-13.00	-30.70	Horizontal
3	958.714	-86.93	43.67	-43.26	-13.00	-30.26	Horizontal
4	5064.000	-35.80	9.88	-25.92	-13.00	-12.92	Horizontal
5	5908.000	-47.74	11.83	-35.91	-13.00	-22.91	Horizontal
6	633.328	-87.40	38.79	-48.61	-13.00	-35.61	Vertical
7	734.037	-87.94	40.89	-47.05	-13.00	-34.05	Vertical
8	992.997	-86.22	44.27	-41.95	-13.00	-28.95	Vertical
9	5064.000	-27.64	9.88	-17.76	-13.00	-4.76	Vertical
10	5908.000	-40.26	11.83	-28.43	-13.00	-15.43	Vertical

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5.8.4 LTE Band 7

LTE Band 7_20 MHz_QPSK							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
Lowest Channel							
1	602.929	-79.60	8.62	-70.98	-25.00	-45.98	Horizontal
2	744.427	-79.46	11.21	-68.25	-25.00	-43.25	Horizontal
3	992.997	-80.53	15.25	-65.28	-25.00	-40.28	Horizontal
4	5020.000	-54.26	9.79	-44.47	-25.00	-19.47	Horizontal
5	7530.000	-48.06	13.06	-35.00	-25.00	-10.00	Horizontal
6	781.961	-79.08	11.57	-67.51	-25.00	-42.51	Vertical
7	912.695	-79.81	14.10	-65.71	-25.00	-40.71	Vertical
8	979.139	-80.46	14.84	-65.62	-25.00	-40.62	Vertical
9	5020.000	-53.87	9.79	-44.08	-25.00	-19.08	Vertical
10	7530.000	-42.34	13.06	-29.28	-25.00	-4.28	Vertical
Middle Channel							
1	602.929	-79.48	8.62	-70.86	-25.00	-45.86	Horizontal
2	723.793	-79.64	11.05	-68.59	-25.00	-43.59	Horizontal
3	986.044	-80.67	15.05	-65.62	-25.00	-40.62	Horizontal
4	5070.000	-54.65	9.90	-44.75	-25.00	-19.75	Horizontal
5	5070.000	-54.65	9.90	-44.75	-25.00	-19.75	Horizontal
6	765.648	-79.63	11.46	-68.17	-25.00	-43.17	Vertical
7	912.695	-80.07	14.10	-65.97	-25.00	-40.97	Vertical
8	965.474	-80.26	14.47	-65.79	-25.00	-40.79	Vertical
9	5070.000	-54.18	9.90	-44.28	-25.00	-19.28	Vertical
10	7605.000	-42.84	13.04	-29.80	-25.00	-4.80	Vertical
Highest Channel							
1	739.214	-79.80	11.16	-68.64	-25.00	-43.64	Horizontal
2	771.047	-79.22	11.39	-67.83	-25.00	-42.83	Horizontal
3	945.334	-79.43	14.41	-65.02	-25.00	-40.02	Horizontal
4	5120.000	-54.02	10.01	-44.01	-25.00	-19.01	Horizontal
5	7680.000	-47.48	13.02	-34.46	-25.00	-9.46	Horizontal
6	821.387	-80.46	12.72	-67.74	-25.00	-42.74	Vertical
7	925.613	-79.56	14.08	-65.48	-25.00	-40.48	Vertical
8	972.283	-80.59	14.66	-65.93	-25.00	-40.93	Vertical
9	5120.000	-55.80	10.01	-45.79	-25.00	-20.79	Vertical
10	7680.000	-42.71	13.02	-29.69	-25.00	-4.69	Vertical

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5.8.5 LTE Band 12

LTE Band 12_ 10 MHz_ QPSK							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
Lowest Channel							
1	660.602	-87.62	39.23	-48.39	-13.00	-35.39	Horizontal
2	815.635	-87.48	42.02	-45.46	-13.00	-32.46	Horizontal
3	938.714	-86.51	43.31	-43.20	-13.00	-30.20	Horizontal
4	4928.000	-41.25	9.71	-31.54	-13.00	-18.54	Horizontal
5	5632.000	-48.17	11.17	-37.00	-13.00	-24.00	Horizontal
6	586.217	-87.38	37.83	-49.55	-13.00	-36.55	Vertical
7	689.051	-87.80	40.21	-47.59	-13.00	-34.59	Vertical
8	965.474	-86.32	43.56	-42.76	-13.00	-29.76	Vertical
9	4928.000	-34.35	9.71	-24.64	-13.00	-11.64	Vertical
10	5632.000	-42.01	11.17	-30.84	-13.00	-17.84	Vertical
Middle Channel							
1	734.037	-87.75	40.89	-46.86	-13.00	-33.86	Horizontal
2	838.887	-87.68	42.22	-45.46	-13.00	-32.46	Horizontal
3	986.044	-86.39	44.08	-42.31	-13.00	-29.31	Horizontal
4	4952.500	-37.86	9.72	-28.14	-13.00	-15.14	Horizontal
5	5660.000	-43.94	11.23	-32.71	-13.00	-19.71	Horizontal
6	527.571	-87.82	36.86	-50.96	-13.00	-37.96	Vertical
7	821.387	-87.69	42.17	-45.52	-13.00	-32.52	Vertical
8	979.139	-86.32	43.89	-42.43	-13.00	-29.43	Vertical
9	4952.500	-29.84	9.72	-20.12	-13.00	-7.12	Vertical
10	5660.000	-38.34	11.23	-27.11	-13.00	-14.11	Vertical
Highest Channel							
1	821.387	-87.39	42.17	-45.22	-13.00	-32.22	Horizontal
2	906.304	-86.52	43.45	-43.07	-13.00	-30.07	Horizontal
3	992.997	-86.81	44.27	-42.54	-13.00	-29.54	Horizontal
4	4266.000	-45.56	9.22	-36.34	-13.00	-23.34	Horizontal
5	4977.000	-41.93	9.73	-32.20	-13.00	-19.20	Horizontal
6	684.226	-87.80	39.99	-47.81	-13.00	-34.81	Vertical
7	815.635	-87.35	42.02	-45.33	-13.00	-32.33	Vertical
8	958.714	-86.00	43.67	-42.33	-13.00	-29.33	Vertical
9	4266.000	-40.10	9.22	-30.88	-13.00	-17.88	Vertical
10	4977.000	-31.40	9.73	-21.67	-13.00	-8.67	Vertical

5.8.6 LTE Band 13

LTE Band 13_ 5 MHz_ QPSK							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
Lowest Channel							
1	655.977	-87.56	39.22	-48.34	-13.00	-35.34	Horizontal
2	679.435	-87.91	39.73	-48.18	-13.00	-35.18	Horizontal
3	899.958	-86.82	43.17	-43.65	-13.00	-30.65	Horizontal
4	1559-1610	--	--	--	-40.00	>15	Horizontal
5	4677.000	-50.42	9.61	-40.81	-13.00	-27.81	Horizontal
6	5456.500	-47.63	10.76	-36.87	-13.00	-23.87	Horizontal
7	698.804	-87.78	40.56	-47.22	-13.00	-34.22	Vertical
8	862.802	-86.97	42.55	-44.42	-13.00	-31.42	Vertical
9	952.000	-86.09	43.49	-42.60	-13.00	-29.60	Horizontal
10	1559-1610	--	--	--	-40.00	>15	Horizontal
11	4677.000	-43.77	9.61	-34.16	-13.00	-21.16	Vertical
12	5456.500	-44.13	10.76	-33.37	-13.00	-20.37	Vertical
Highest Channel							
1	550.290	-88.09	37.07	-51.02	-13.00	-38.02	Horizontal
2	723.793	-87.79	40.59	-47.20	-13.00	-34.20	Horizontal
3	925.613	-86.73	43.27	-43.46	-13.00	-30.46	Horizontal
4	1559-1610	--	--	--	-40.00	>15	Horizontal
5	4692.000	-49.17	9.62	-39.55	-13.00	-26.55	Horizontal
6	5474.000	-48.50	10.78	-37.72	-13.00	-24.72	Horizontal
7	586.217	-87.81	37.83	-49.98	-13.00	-36.98	Vertical
8	809.924	-87.19	41.88	-45.31	-13.00	-32.31	Vertical
9	992.997	-86.31	44.27	-42.04	-13.00	-29.04	Horizontal
10	1559-1610	--	--	--	-40.00	>15	Horizontal
11	4692.000	-41.63	9.62	-32.01	-13.00	-19.01	Vertical
12	5474.000	-44.34	10.78	-33.56	-13.00	-20.56	Vertical

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LTE Band 13_ 10 MHz_ QPSK							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Middle Channel							
1	718.725	-87.94	40.53	-47.41	-13.00	-34.41	Horizontal
2	893.656	-86.82	43.01	-43.81	-13.00	-30.81	Horizontal
3	972.283	-86.57	43.73	-42.84	-13.00	-29.84	Horizontal
4	1559-1610	--			-40.00	>15	Horizontal
5	4707.000	-49.82	9.63	-40.19	-13.00	-27.19	Horizontal
6	5491.500	-48.64	10.82	-37.82	-13.00	-24.82	Horizontal
7	689.051	-87.69	40.21	-47.48	-13.00	-34.48	Vertical
8	919.132	-85.52	43.35	-42.17	-13.00	-29.17	Vertical
9	972.283	-86.38	43.73	-42.65	-13.00	-29.65	Horizontal
10	1559-1610	--			-40.00	>15	Horizontal
11	4707.000	-40.74	9.63	-31.11	-13.00	-18.11	Vertical
12	5491.500	-42.20	10.82	-31.38	-13.00	-18.38	Vertical

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5.8.7 LTE Band 17

LTE Band 17_ 10 MHz_ QPSK							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
Lowest Channel							
1	633.328	-87.24	38.79	-48.45	-13.00	-35.45	Horizontal
2	925.613	-86.99	43.27	-43.72	-13.00	-30.72	Horizontal
3	986.044	-86.31	44.08	-42.23	-13.00	-29.23	Horizontal
4	4254.000	-46.02	9.20	-36.82	-13.00	-23.82	Horizontal
5	4963.000	-43.35	9.73	-33.62	-13.00	-20.62	Horizontal
6	804.252	-86.40	41.76	-44.64	-13.00	-31.64	Vertical
7	919.132	-87.07	43.35	-43.72	-13.00	-30.72	Vertical
8	945.334	-86.81	43.55	-43.26	-13.00	-30.26	Vertical
9	4254.000	-38.64	9.20	-29.44	-13.00	-16.44	Vertical
10	4963.000	-31.81	9.73	-22.08	-13.00	-9.08	Vertical
Middle Channel							
1	798.620	-87.05	41.60	-45.45	-13.00	-32.45	Horizontal
2	856.760	-86.02	42.54	-43.48	-13.00	-30.48	Horizontal
3	958.714	-86.54	43.67	-42.87	-13.00	-29.87	Horizontal
4	4260.000	-44.87	9.21	-35.66	-13.00	-22.66	Horizontal
5	4970.000	-41.39	9.73	-31.66	-13.00	-18.66	Horizontal
6	624.490	-86.98	38.49	-48.49	-13.00	-35.49	Vertical
7	665.261	-87.83	39.34	-48.49	-13.00	-35.49	Vertical
8	881.184	-87.44	42.88	-44.56	-13.00	-31.56	Vertical
9	4260.000	-37.80	9.21	-28.59	-13.00	-15.59	Vertical
10	4970.000	-31.40	9.73	-21.67	-13.00	-8.67	Vertical
Highest Channel							
1	646.822	-87.33	39.01	-48.32	-13.00	-35.32	Horizontal
2	674.677	-87.22	39.62	-47.60	-13.00	-34.60	Horizontal
3	809.924	-87.60	41.88	-45.72	-13.00	-32.72	Horizontal
4	4266.000	-51.23	9.22	-42.01	-13.00	-29.01	Horizontal
5	4977.000	-47.12	9.73	-37.39	-13.00	-24.39	Horizontal
6	815.635	-87.76	42.02	-45.74	-13.00	-32.74	Vertical
7	899.958	-87.08	43.17	-43.91	-13.00	-30.91	Vertical
8	932.141	-86.44	43.21	-43.23	-13.00	-30.23	Vertical
9	4266.000	-46.39	9.22	-37.17	-13.00	-24.17	Vertical
10	4977.000	-37.62	9.73	-27.89	-13.00	-14.89	Vertical

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5.8.8 LTE Band 38

LTE Band 38_ 20 MHz_ QPSK							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
Lowest Channel							
1	637.795	-77.69	9.32	-68.37	-25.00	-43.37	Horizontal
2	787.475	-79.91	11.87	-68.04	-25.00	-43.04	Horizontal
3	844.803	-80.29	13.05	-67.24	-25.00	-42.24	Horizontal
4	5160.000	-54.80	10.10	-44.70	-25.00	-19.70	Horizontal
5	7740.000	-49.72	13.00	-36.72	-25.00	-11.72	Horizontal
6	624.490	-79.04	8.90	-70.14	-25.00	-45.14	Vertical
7	821.387	-80.10	12.72	-67.38	-25.00	-42.38	Vertical
8	875.013	-79.84	13.41	-66.43	-25.00	-41.43	Vertical
9	5160.000	-55.66	10.10	-45.56	-25.00	-20.56	Vertical
10	7740.000	-43.71	13.00	-30.71	-25.00	-5.71	Vertical
Middle Channel							
1	620.117	-79.07	8.99	-70.08	-25.00	-45.08	Horizontal
2	798.620	-80.09	12.10	-67.99	-25.00	-42.99	Horizontal
3	844.803	-80.33	13.05	-67.28	-25.00	-42.28	Horizontal
4	5190.000	-54.63	10.16	-44.47	-25.00	-19.47	Horizontal
5	7785.000	-46.56	12.99	-33.57	-25.00	-8.57	Horizontal
6	833.013	-79.79	12.71	-67.08	-25.00	-42.08	Vertical
7	887.398	-80.43	13.81	-66.62	-25.00	-41.62	Vertical
8	958.714	-80.46	14.57	-65.89	-25.00	-40.89	Vertical
9	5190.000	-55.58	10.16	-45.42	-25.00	-20.42	Vertical
10	7785.000	-44.14	12.99	-31.15	-25.00	-6.15	Vertical
Highest Channel							
1	881.184	-80.22	13.58	-66.64	-25.00	-41.64	Horizontal
2	925.613	-79.90	14.08	-65.82	-25.00	-40.82	Horizontal
3	979.139	-79.68	14.84	-64.84	-25.00	-39.84	Horizontal
4	5220.000	-55.35	10.23	-45.12	-25.00	-20.12	Horizontal
5	7830.000	-47.78	12.98	-34.80	-25.00	-9.80	Horizontal
6	718.725	-80.24	10.99	-69.25	-25.00	-44.25	Vertical
7	868.886	-80.36	13.43	-66.93	-25.00	-41.93	Vertical
8	938.714	-80.01	14.16	-65.85	-25.00	-40.85	Vertical
9	5220.000	-54.82	10.23	-44.59	-25.00	-19.59	Vertical
10	7830.000	-45.88	12.98	-32.90	-25.00	-7.90	Vertical

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5.8.1 LTE Band 66

LTE Band 66_ 20 MHz_ QPSK							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
Lowest Channel							
1	844.803	-80.41	13.05	-67.36	-13.00	-54.36	Horizontal
2	893.656	-79.83	13.74	-66.09	-13.00	-53.09	Horizontal
3	972.283	-79.98	14.66	-65.32	-13.00	-52.32	Horizontal
4	6880.000	-49.34	13.00	-36.34	-13.00	-23.34	Horizontal
5	8600.000	-43.80	13.76	-30.04	-13.00	-17.04	Horizontal
6	642.292	-78.76	9.37	-69.39	-13.00	-56.39	Vertical
7	765.648	-79.48	11.46	-68.02	-13.00	-55.02	Vertical
8	906.304	-80.66	14.22	-66.44	-13.00	-53.44	Vertical
9	6880.000	-46.10	13.00	-33.10	-13.00	-20.10	Vertical
10	8600.000	-41.34	13.76	-27.58	-13.00	-14.58	Vertical
Middle Channel							
1	708.694	-79.44	11.00	-68.44	-13.00	-55.44	Horizontal
2	856.760	-79.93	13.18	-66.75	-13.00	-53.75	Horizontal
3	912.695	-80.16	14.10	-66.06	-13.00	-53.06	Horizontal
4	6980.000	-58.14	13.01	-45.13	-13.00	-32.13	Horizontal
5	8725.000	-55.51	13.99	-41.52	-13.00	-28.52	Horizontal
6	776.485	-80.08	11.40	-68.68	-13.00	-55.68	Vertical
7	844.803	-80.44	13.05	-67.39	-13.00	-54.39	Vertical
8	945.334	-80.61	14.41	-66.20	-13.00	-53.20	Vertical
9	6980.000	-54.74	13.01	-41.73	-13.00	-28.73	Vertical
10	8725.000	-55.13	13.99	-41.14	-13.00	-28.14	Vertical
Highest Channel							
1	781.961	-79.74	11.57	-68.17	-13.00	-55.17	Horizontal
2	804.252	-79.91	12.27	-67.64	-13.00	-54.64	Horizontal
3	979.139	-80.82	14.84	-65.98	-13.00	-52.98	Horizontal
4	7080.000	-53.75	13.02	-40.73	-13.00	-27.73	Horizontal
5	8850.000	-53.39	14.23	-39.16	-13.00	-26.16	Horizontal
6	798.620	-79.85	12.10	-67.75	-13.00	-54.75	Vertical
7	844.803	-79.66	13.05	-66.61	-13.00	-53.61	Vertical
8	958.714	-80.40	14.57	-65.83	-13.00	-52.83	Vertical
9	7080.000	-51.28	13.02	-38.26	-13.00	-25.26	Vertical
10	8850.000	-50.54	14.23	-36.31	-13.00	-23.31	Vertical

Remark:

1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Result - Limit

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5.9 FREQUENCY STABILITY

Test Requirement: FCC 47 CFR Part 2.1055 &
FCC 47 CFR Part 22.355 &
FCC 47 CFR Part 24.235 &
FCC 47 CFR Part 27.54

Test Method: ANSI C63.26-2015 & KDB 971168 D01v03r01

Limits:

FCC 47 CFR Part 22.355, FCC 47 CFR Part 90.213

The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations.

FCC 47 CFR Part 24.235, FCC 47 CFR Part 27.54

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

Test Setup: Refer to section 4.2.2 for details.

Test Procedures:

- 1) Use CMW 500 with Frequency Error measurement capability.
 - a) Temp. = -30° to $+50^{\circ}\text{C}$
 - b) Voltage = low voltage, 3.7 Vdc, Normal, 3.8 Vdc and High voltage, 4.35 Vdc.

- 2) Frequency Stability vs Temperature:

The EUT is placed inside a temperature chamber. The temperature is set to 20°C and allowed to stabilize. After sufficient soak time, the transmitting frequency error is measured. The temperature is increased by 10°C degrees, allowed to stabilize and soak, and then the measurement is repeated. This is repeated until $+50^{\circ}\text{C}$ is reached.

- 3) Frequency Stability vs Voltage:

The peak frequency error is recorded (worst-case).

Equipment Used: Refer to section 3 for details.

Test Result: Please refer to Appendix A

Note 1: The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

APPENDIX A RF TEST DATA

A.1 PEAK TO AVERAGE RATIO

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	4.06	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	4.97	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	4.47	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.26	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	4.22	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.15	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	4.49	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.71	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	5.52	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.03	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	5.04	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.94	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	3.95	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.17	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	4.62	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.45	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	4.43	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.42	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	4.74	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.98	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	5.38	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.15	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	5.23	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.09	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	4.03	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.27	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	4.80	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.42	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	4.52	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.36	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	4.57	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.95	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	5.22	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.05	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	5.39	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.03	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	3.93	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.25	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	4.85	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.36	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	4.88	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.28	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	4.80	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.05	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	5.69	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.14	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	5.66	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.09	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	4.01	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.61	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	4.85	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.61	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	4.95	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.49	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	4.41	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.17	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	5.80	13	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	15MHz	16QAM	18900	75RB#0	6.17	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	6.01	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.06	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	3.98	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.37	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	4.72	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.33	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	4.73	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.24	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	4.74	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.17	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	5.50	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.10	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	5.85	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.09	13	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	3.82	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.98	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.93	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.85	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.97	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.82	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.08	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.82	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.65	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.69	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.46	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.82	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.13	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.26	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.87	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.12	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.08	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.15	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.51	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.99	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.73	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.90	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.74	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.89	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.14	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.31	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	3.83	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.15	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.15	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.14	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.94	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.03	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.45	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.90	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.80	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.83	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.92	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.15	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	3.82	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.07	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.01	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.07	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.42	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.97	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.56	13	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	10MHz	16QAM	20175	50RB#0	5.89	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.76	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.88	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.87	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.34	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	3.87	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.34	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.03	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.30	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.98	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.95	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.99	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.91	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	4.45	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.90	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	4.03	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	4.99	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	3.83	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.07	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.82	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.01	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.83	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.81	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.41	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.85	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	4.74	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.79	13	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	4.38	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.17	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.50	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.15	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.39	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.15	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	4.94	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.85	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.48	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.84	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.37	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.84	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.40	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.30	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.63	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.38	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.60	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.34	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.12	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.03	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.23	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.09	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.14	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.11	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.33	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.36	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.72	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.35	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.32	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.34	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	4.98	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.08	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.37	13	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	5MHz	16QAM	20525	25RB#0	6.06	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.13	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.10	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.43	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.28	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.84	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.32	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.24	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.02	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.18	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.11	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.55	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.08	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.05	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.95	13	PASS
Band7	5MHz	QPSK	20775	1RB#0	4.71	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.62	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.97	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.72	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.74	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.54	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.65	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.34	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.60	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.44	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.40	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.26	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.64	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.50	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.77	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.62	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.56	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.44	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.36	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.36	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.73	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.39	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.69	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.28	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.44	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.70	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.51	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.88	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.59	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.73	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	4.98	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.29	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.42	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.45	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.52	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.29	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.50	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.39	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.45	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.55	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.71	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.47	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.45	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.22	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.26	13	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	16QAM	21100	100RB#0	6.33	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.86	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.30	13	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	2.86	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	4.36	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.24	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.00	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.61	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.96	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3.77	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.17	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.27	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.87	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.34	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.89	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	2.78	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.77	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.31	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.11	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.15	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.09	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	3.21	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.65	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.17	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.95	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	4.02	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.94	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	2.84	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.89	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.34	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.05	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	3.51	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.01	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	3.65	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.71	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.35	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.90	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	4.25	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.87	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	3.16	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.13	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	3.89	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.07	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.29	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.83	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	3.84	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.96	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.02	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.91	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.14	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.75	13	PASS
Band13	5MHz	QPSK	23205	1RB#0	1.67	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	4.86	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	3.74	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.81	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	3.70	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.97	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	2.25	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	5.69	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	4.35	13	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	16QAM	23230	25RB#0	5.67	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	4.56	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	5.76	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	1.68	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	4.89	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	2.83	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.76	13	PASS
Band17	5MHz	QPSK	23755	1RB#0	4.23	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.11	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	4.22	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.89	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	3.50	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.02	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.19	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	5.92	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.01	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	5.74	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	4.50	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	5.79	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	4.13	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	4.91	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	4.24	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	4.85	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.26	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	4.84	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.00	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.81	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.14	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.76	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.13	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.76	13	PASS
Band38	5MHz	QPSK	37775	1RB#0	4.68	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	5.71	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	4.66	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	5.58	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	4.47	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	5.52	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	5.46	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	6.27	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	5.15	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.30	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	4.78	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	6.03	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	4.87	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	5.58	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	4.50	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.43	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	4.88	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	5.44	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	5.24	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	6.34	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	5.57	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	6.05	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	5.58	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	6.19	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	4.65	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	5.80	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	4.94	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.66	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	4.92	13	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	15MHz	QPSK	38175	75RB#0	5.67	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	5.70	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	6.22	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	5.64	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	6.25	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	5.29	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	6.20	13	PASS
Band38	20MHz	QPSK	37850	1RB#0	4.93	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	5.45	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	4.97	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.41	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	4.59	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.26	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	5.23	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	6.31	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	5.27	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	6.05	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	4.94	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	6.09	13	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	3.82	13	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	4.76	13	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	3.68	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	4.55	13	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	3.83	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	4.74	13	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	4.99	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	5.69	13	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	4.24	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	5.41	13	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	4.97	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	5.56	13	PASS
Band66	3MHz	QPSK	131987	1RB#0	3.83	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	4.91	13	PASS
Band66	3MHz	QPSK	132322	1RB#0	3.63	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	4.85	13	PASS
Band66	3MHz	QPSK	132657	1RB#0	3.95	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	4.99	13	PASS
Band66	3MHz	16QAM	131987	1RB#0	4.29	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	5.83	13	PASS
Band66	3MHz	16QAM	132322	1RB#0	4.62	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	5.68	13	PASS
Band66	3MHz	16QAM	132657	1RB#0	4.94	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	5.74	13	PASS
Band66	5MHz	QPSK	131997	1RB#0	3.94	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.94	13	PASS
Band66	5MHz	QPSK	132322	1RB#0	3.74	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.84	13	PASS
Band66	5MHz	QPSK	132647	1RB#0	3.86	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.94	13	PASS
Band66	5MHz	16QAM	131997	1RB#0	4.78	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	5.77	13	PASS
Band66	5MHz	16QAM	132322	1RB#0	4.81	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	5.64	13	PASS
Band66	5MHz	16QAM	132647	1RB#0	4.70	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	5.71	13	PASS
Band66	10MHz	QPSK	132022	1RB#0	3.74	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	4.84	13	PASS
Band66	10MHz	QPSK	132322	1RB#0	3.70	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	4.77	13	PASS
Band66	10MHz	QPSK	132622	1RB#0	3.71	13	PASS

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Band66	10MHz	QPSK	132622	50RB#0	4.88	13	PASS
Band66	10MHz	16QAM	132022	1RB#0	4.12	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	5.73	13	PASS
Band66	10MHz	16QAM	132322	1RB#0	4.48	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	5.59	13	PASS
Band66	10MHz	16QAM	132622	1RB#0	4.52	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	5.74	13	PASS
Band66	15MHz	QPSK	132047	1RB#0	3.68	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	4.84	13	PASS
Band66	15MHz	QPSK	132322	1RB#0	3.63	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	4.84	13	PASS
Band66	15MHz	QPSK	132597	1RB#0	3.54	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	4.94	13	PASS
Band66	15MHz	16QAM	132047	1RB#0	4.28	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	5.64	13	PASS
Band66	15MHz	16QAM	132322	1RB#0	4.47	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	5.63	13	PASS
Band66	15MHz	16QAM	132597	1RB#0	4.66	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	5.72	13	PASS
Band66	20MHz	QPSK	132072	1RB#0	3.78	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	4.63	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	3.55	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.68	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	3.43	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.83	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	4.68	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.50	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	3.97	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.53	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	4.59	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.66	13	PASS

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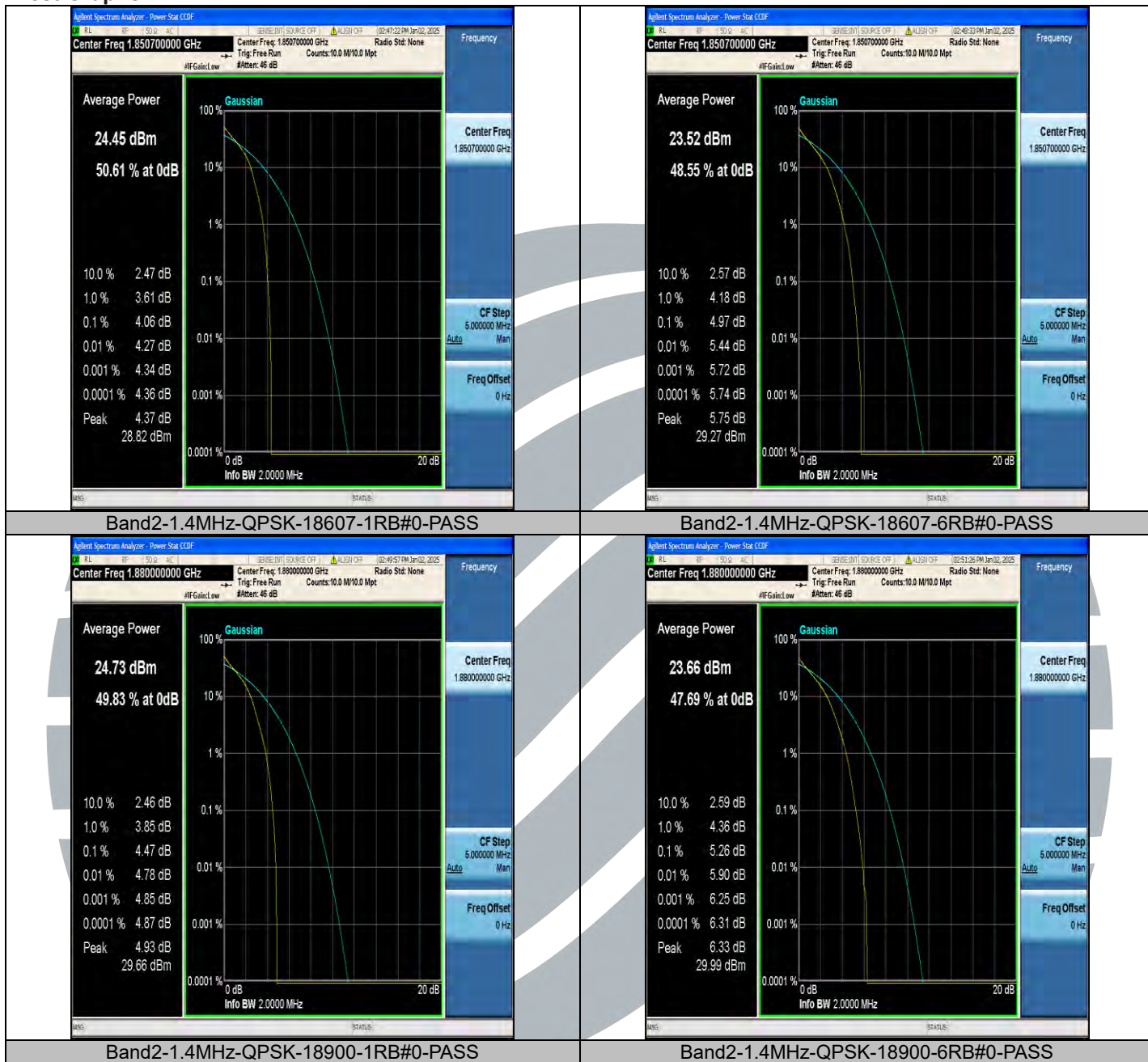
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Test Graphs



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