

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	655.977	-87.48	39.94	-47.54	-13.00	-34.54	Horizontal
2	925.613	-88.39	43.20	-45.19	-13.00	-32.19	Horizontal
3	992.997	-88.15	43.17	-44.98	-13.00	-31.98	Horizontal
4	1418.000	-58.08	-0.74	-58.82	-13.00	-45.82	Horizontal
5	4963.000	-52.38	10.37	-42.01	-13.00	-29.01	Horizontal
6	821.387	-87.92	41.40	-46.52	-13.00	-33.52	Vertical
7	868.886	-88.21	42.31	-45.90	-13.00	-32.90	Vertical
8	938.714	-87.81	43.17	-44.64	-13.00	-31.64	Vertical
9	1418.000	-52.87	-0.74	-53.61	-13.00	-40.61	Vertical
10	4963.000	-54.60	10.37	-44.23	-13.00	-31.23	Vertical
Middle Channel							
1	562.014	-88.21	37.18	-51.03	-13.00	-38.03	Horizontal
2	938.714	-87.72	43.17	-44.55	-13.00	-31.55	Horizontal
3	972.283	-87.14	42.96	-44.18	-13.00	-31.18	Horizontal
4	1420.000	-56.81	-0.73	-57.54	-13.00	-44.54	Horizontal
5	4970.000	-46.88	10.38	-36.50	-13.00	-23.50	Horizontal
6	912.695	-88.43	42.91	-45.52	-13.00	-32.52	Vertical
7	958.714	-88.10	42.87	-45.23	-13.00	-32.23	Vertical
8	992.997	-88.07	43.17	-44.90	-13.00	-31.90	Vertical
9	1420.000	-51.89	-0.73	-52.62	-13.00	-39.62	Vertical
10	4970.000	-51.46	10.38	-41.08	-13.00	-28.08	Vertical
Highest Channel							
1	550.290	-89.31	37.45	-51.86	-13.00	-38.86	Horizontal
2	833.013	-88.42	41.81	-46.61	-13.00	-33.61	Horizontal
3	925.613	-88.08	43.20	-44.88	-13.00	-31.88	Horizontal
4	1422.000	-56.06	-0.73	-56.79	-13.00	-43.79	Horizontal
5	4944.000	-53.89	10.35	-43.54	-13.00	-30.54	Horizontal
6	611.462	-88.27	38.93	-49.34	-13.00	-36.34	Vertical
7	693.910	-88.77	40.68	-48.09	-13.00	-35.09	Vertical
8	919.132	-88.49	43.02	-45.47	-13.00	-32.47	Vertical
9	1422.000	-53.46	-0.73	-54.19	-13.00	-41.19	Vertical
10	4977.000	-52.26	10.38	-41.88	-13.00	-28.88	Vertical

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5.8.8 LTE Band 25

LTE Band 25_ 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	531.291	-74.18	7.99	-66.19	-13.00	-53.19	Horizontal
2	798.620	-79.67	12.97	-66.70	-13.00	-53.70	Horizontal
3	972.283	-80.55	14.58	-65.97	-13.00	-52.97	Horizontal
4	3720.000	-57.90	8.67	-49.23	-13.00	-36.23	Horizontal
5	5580.000	-69.80	12.08	-57.72	-13.00	-44.72	Horizontal
6	531.291	-71.55	7.99	-63.56	-13.00	-50.56	Vertical
7	925.613	-81.68	14.71	-66.97	-13.00	-53.97	Vertical
8	972.283	-81.53	14.58	-66.95	-13.00	-53.95	Vertical
9	3720.000	-57.65	8.67	-48.98	-13.00	-35.98	Vertical
10	5580.000	-67.50	12.08	-55.42	-13.00	-42.42	Vertical
Middle Channel							
1	531.291	-75.68	7.99	-67.69	-13.00	-54.69	Horizontal
2	925.613	-81.26	14.71	-66.55	-13.00	-53.55	Horizontal
3	979.139	-80.73	14.85	-65.88	-13.00	-52.88	Horizontal
4	3760.000	-58.62	8.78	-49.84	-13.00	-36.84	Horizontal
5	5640.000	-67.80	12.00	-55.80	-13.00	-42.80	Horizontal
6	531.291	-70.85	7.99	-62.86	-13.00	-49.86	Vertical
7	906.304	-80.81	14.40	-66.41	-13.00	-53.41	Vertical
8	958.714	-79.83	14.46	-65.37	-13.00	-52.37	Vertical
9	3760.000	-57.15	8.78	-48.37	-13.00	-35.37	Vertical
10	5640.000	-70.69	12.00	-58.69	-13.00	-45.69	Vertical
Highest Channel							
1	531.291	-74.94	7.99	-66.95	-13.00	-53.95	Horizontal
2	833.013	-80.54	13.10	-67.44	-13.00	-54.44	Horizontal
3	925.613	-81.04	14.71	-66.33	-13.00	-53.33	Horizontal
4	3810.000	-55.70	8.92	-46.78	-13.00	-33.78	Horizontal
5	5715.000	-66.91	11.91	-55.00	-13.00	-42.00	Horizontal
6	531.291	-70.62	7.99	-62.63	-13.00	-49.63	Vertical
7	932.141	-81.40	14.85	-66.55	-13.00	-53.55	Vertical
8	952.000	-80.46	14.50	-65.96	-13.00	-52.96	Vertical
9	3810.000	-57.93	8.92	-49.01	-13.00	-36.01	Vertical
10	5715.000	-67.80	11.91	-55.89	-13.00	-42.89	Vertical

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5.8.9 LTE Band 26

LTE Band 26_ 15 MHz_ QPSK							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
Lowest Channel							
1	679.435	-88.54	40.12	-48.42	-13.00	-35.42	Horizontal
2	734.037	-88.71	40.41	-48.30	-13.00	-35.30	Horizontal
3	932.141	-88.29	43.32	-44.97	-13.00	-31.97	Horizontal
4	1645.658	-50.63	0.02	-50.61	-13.00	-37.61	Horizontal
5	2494.500	-55.34	4.15	-51.19	-13.00	-38.19	Horizontal
6	776.485	-88.62	41.51	-47.11	-13.00	-34.11	Vertical
7	906.304	-87.90	42.93	-44.97	-13.00	-31.97	Vertical
8	958.714	-87.24	42.87	-44.37	-13.00	-31.37	Vertical
9	1663.000	-49.96	0.10	-49.86	-13.00	-36.86	Vertical
10	2494.500	-61.58	4.15	-57.43	-13.00	-44.43	Vertical
Middle Channel							
1	679.435	-89.22	40.12	-49.10	-13.00	-36.10	Horizontal
2	793.028	-88.60	41.79	-46.81	-13.00	-33.81	Horizontal
3	912.695	-88.53	42.91	-45.62	-13.00	-32.62	Horizontal
4	1673.000	-50.56	0.15	-50.41	-13.00	-37.41	Horizontal
5	2509.500	-63.27	4.20	-59.07	-13.00	-46.07	Horizontal
6	693.910	-88.06	40.68	-47.38	-13.00	-34.38	Vertical
7	958.714	-87.84	42.87	-44.97	-13.00	-31.97	Vertical
8	979.139	-88.04	43.21	-44.83	-13.00	-31.83	Vertical
9	1673.000	-54.44	0.15	-54.29	-13.00	-41.29	Vertical
10	2509.500	-63.36	4.20	-59.16	-13.00	-46.16	Vertical
Highest Channel							
1	771.047	-88.71	41.34	-47.37	-13.00	-34.37	Horizontal
2	899.958	-87.46	42.87	-44.59	-13.00	-31.59	Horizontal
3	938.714	-87.67	43.17	-44.50	-13.00	-31.50	Horizontal
4	1683.000	-52.45	0.20	-52.25	-13.00	-39.25	Horizontal
5	2524.500	-61.80	4.22	-57.58	-13.00	-44.58	Horizontal
6	793.028	-88.57	41.79	-46.78	-13.00	-33.78	Vertical
7	821.387	-88.32	41.40	-46.92	-13.00	-33.92	Vertical
8	938.714	-88.08	43.17	-44.91	-13.00	-31.91	Vertical
9	1683.000	-53.72	0.20	-53.52	-13.00	-40.52	Vertical
10	2524.500	-64.04	4.22	-59.82	-13.00	-46.82	Vertical

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5.8.10 LTE Band 26 (Part 90S)

LTE Band 26_ 5 MHz_ QPSK							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	698.804	-89.32	40.84	-48.48	-13.00	-35.48	Horizontal
2	771.047	-88.46	41.34	-47.12	-13.00	-34.12	Horizontal
3	938.714	-88.34	43.17	-45.17	-13.00	-32.17	Horizontal
4	1633.000	-59.93	-0.04	-59.97	-13.00	-46.97	Horizontal
5	2449.500	-62.77	3.88	-58.89	-13.00	-45.89	Horizontal
6	833.013	-87.84	41.81	-46.03	-13.00	-33.03	Vertical
7	932.141	-88.44	43.32	-45.12	-13.00	-32.12	Vertical
8	965.474	-87.81	42.84	-44.97	-13.00	-31.97	Vertical
9	1633.000	-59.08	-0.04	-59.12	-13.00	-46.12	Vertical
10	2449.500	-61.87	3.88	-57.99	-13.00	-44.99	Vertical
Middle Channel							
1	776.485	-88.05	41.51	-46.54	-13.00	-33.54	Horizontal
2	938.714	-88.37	43.17	-45.20	-13.00	-32.20	Horizontal
3	992.997	-87.83	43.17	-44.66	-13.00	-31.66	Horizontal
4	1638.000	-54.32	-0.01	-54.33	-13.00	-41.33	Horizontal
5	2457.000	-55.70	3.93	-51.77	-13.00	-38.77	Horizontal
6	760.287	-87.98	41.09	-46.89	-13.00	-33.89	Vertical
7	912.695	-88.00	42.91	-45.09	-13.00	-32.09	Vertical
8	952.000	-87.28	42.93	-44.35	-13.00	-31.35	Vertical
9	1638.000	-46.08	-0.01	-46.09	-13.00	-33.09	Vertical
10	2457.000	-63.17	3.93	-59.24	-13.00	-46.24	Vertical
Highest Channel							
1	754.963	-88.10	40.87	-47.23	-13.00	-34.23	Horizontal
2	912.695	-87.63	42.91	-44.72	-13.00	-31.72	Horizontal
3	972.283	-86.94	42.96	-43.98	-13.00	-30.98	Horizontal
4	1643.000	-60.35	0.01	-60.34	-13.00	-47.34	Horizontal
5	2464.500	-63.82	3.97	-59.85	-13.00	-46.85	Horizontal
6	776.485	-88.56	41.51	-47.05	-13.00	-34.05	Vertical
7	875.013	-87.89	42.62	-45.27	-13.00	-32.27	Vertical
8	938.714	-87.75	43.17	-44.58	-13.00	-31.58	Vertical
9	1643.000	-51.44	0.01	-51.43	-13.00	-38.43	Vertical
10	2464.500	-62.59	3.97	-58.62	-13.00	-45.62	Vertical

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LTE Band 26_ 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	698.804	-89.69	40.84	-48.85	-13.00	-35.85	Horizontal
2	765.648	-88.53	41.20	-47.33	-13.00	-34.33	Horizontal
3	945.334	-87.53	42.86	-44.67	-13.00	-31.67	Horizontal
4	1638.000	-54.27	-0.01	-54.28	-13.00	-41.28	Horizontal
5	2457.000	-56.20	3.93	-52.27	-13.00	-39.27	Horizontal
6	684.226	-88.22	40.22	-48.00	-13.00	-35.00	Vertical
7	804.252	-88.02	41.68	-46.34	-13.00	-33.34	Vertical
8	938.714	-86.48	43.17	-43.31	-13.00	-30.31	Vertical
9	1638.000	-55.70	-0.01	-55.71	-13.00	-42.71	Vertical
10	2457.000	-58.48	3.93	-54.55	-13.00	-41.55	Vertical

5.8.11 LTE Band 30

LTE Band 30_ 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	703.731	-81.68	11.90	-69.78	-13.00	-56.78	Horizontal
2	793.028	-81.91	13.00	-68.91	-13.00	-55.91	Horizontal
3	938.714	-83.19	14.71	-68.48	-13.00	-55.48	Horizontal
4	4620.000	-62.01	9.95	-52.06	-40.00	-12.06	Horizontal
5	6930.000	-67.76	13.83	-53.93	-40.00	-13.93	Horizontal
6	698.804	-81.69	12.02	-69.67	-13.00	-56.67	Vertical
7	945.334	-82.46	14.42	-68.04	-13.00	-55.04	Vertical
8	992.997	-82.47	14.84	-67.63	-13.00	-54.63	Vertical
9	4620.000	-57.47	9.95	-47.52	-40.00	-7.52	Vertical
10	6930.000	-69.14	13.83	-55.31	-40.00	-15.31	Vertical

5.8.12 LTE Band 38

LTE Band 38_ 20 MHz_ QPSK							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	531.291	-74.07	7.99	-66.08	-25.00	-41.08	Horizontal
2	798.620	-79.27	12.97	-66.30	-25.00	-41.30	Horizontal
3	932.141	-81.08	14.85	-66.23	-25.00	-41.23	Horizontal
4	5160.000	-62.19	10.81	-51.38	-25.00	-26.38	Horizontal
5	7740.000	-69.89	14.63	-55.26	-25.00	-30.26	Horizontal
6	531.291	-71.26	7.99	-63.27	-25.00	-38.27	Vertical
7	932.141	-80.91	14.85	-66.06	-25.00	-41.06	Vertical
8	992.997	-81.62	14.84	-66.78	-25.00	-41.78	Vertical
9	5160.000	-66.65	10.81	-55.84	-25.00	-30.84	Vertical
10	7740.000	-70.47	14.63	-55.84	-25.00	-30.84	Vertical
Middle Channel							
1	531.291	-76.15	7.99	-68.16	-25.00	-43.16	Horizontal
2	798.620	-80.80	12.97	-67.83	-25.00	-42.83	Horizontal
3	952.000	-81.33	14.50	-66.83	-25.00	-41.83	Horizontal
4	5190.000	-62.73	10.88	-51.85	-25.00	-26.85	Horizontal
5	7785.000	-68.85	14.72	-54.13	-25.00	-29.13	Horizontal
6	531.291	-71.11	7.99	-63.12	-25.00	-38.12	Vertical
7	844.803	-80.24	13.17	-67.07	-25.00	-42.07	Vertical
8	856.760	-80.06	13.14	-66.92	-25.00	-41.92	Vertical
9	5190.000	-62.37	10.88	-51.49	-25.00	-26.49	Vertical
10	7785.000	-67.72	14.72	-53.00	-25.00	-28.00	Vertical
Highest Channel							
1	531.291	-74.54	7.99	-66.55	-25.00	-41.55	Horizontal
2	798.620	-80.02	12.97	-67.05	-25.00	-42.05	Horizontal
3	906.304	-81.21	14.40	-66.81	-25.00	-41.81	Horizontal
4	5220.000	-61.60	11.00	-50.60	-25.00	-25.60	Horizontal
5	7830.000	-69.28	14.81	-54.47	-25.00	-29.47	Horizontal
6	531.291	-70.96	7.99	-62.97	-25.00	-37.97	Vertical
7	893.656	-80.81	14.14	-66.67	-25.00	-41.67	Vertical
8	992.997	-80.17	14.84	-65.33	-25.00	-40.33	Vertical
9	5220.000	-65.49	11.00	-54.49	-25.00	-29.49	Vertical
10	7830.000	-69.29	14.81	-54.48	-25.00	-29.48	Vertical

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5.8.13 LTE Band 40A

LTE Band 40_ 10 MHz_ QPSK							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
1	531.291	-75.31	7.99	-67.32	-40.00	-27.32	
2	689.051	-80.11	11.59	-68.52	-40.00	-28.52	Horizontal
3	798.620	-79.39	12.97	-66.42	-40.00	-26.42	Horizontal
4	4620.000	-64.69	9.95	-54.74	-40.00	-14.74	Horizontal
5	6930.000	-68.39	13.83	-54.56	-40.00	-14.56	Horizontal
6	531.291	-70.89	7.99	-62.90	-40.00	-22.90	Vertical
7	887.398	-80.49	13.86	-66.63	-40.00	-26.63	Vertical
8	938.714	-81.23	14.71	-66.52	-40.00	-26.52	Vertical
9	4620.000	-65.77	9.95	-55.82	-40.00	-15.82	Vertical
10	6930.000	-68.31	13.83	-54.48	-40.00	-14.48	Vertical

5.8.1 LTE Band 40B

LTE Band 40_ 10 MHz_ QPSK							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
1	531.291	-73.41	7.99	-65.42	-40.00	-25.42	
2	798.620	-80.65	12.97	-67.68	-40.00	-27.68	Horizontal
3	925.613	-81.60	14.71	-66.89	-40.00	-26.89	Horizontal
4	4710.000	-68.52	10.07	-58.45	-40.00	-18.45	Horizontal
5	7065.000	-66.89	13.95	-52.94	-40.00	-12.94	Horizontal
6	531.291	-71.45	7.99	-63.46	-40.00	-23.46	Vertical
7	798.620	-80.79	12.97	-67.82	-40.00	-27.82	Vertical
8	887.398	-80.84	13.86	-66.98	-40.00	-26.98	Vertical
9	4710.000	-68.97	10.07	-58.90	-40.00	-18.90	Vertical
10	7065.000	-67.83	13.95	-53.88	-40.00	-13.88	Vertical

5.8.2 LTE Band 41

LTE Band 41_ 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	531.291	-74.43	7.99	-66.44	-25.00	-41.44	Horizontal
2	798.620	-81.02	12.97	-68.05	-25.00	-43.05	Horizontal
3	875.013	-80.98	14.01	-66.97	-25.00	-41.97	Horizontal
4	5012.000	-53.04	10.44	-42.60	-25.00	-17.60	Horizontal
5	7518.000	-67.16	14.17	-52.99	-25.00	-27.99	Horizontal
6	531.291	-70.85	7.99	-62.86	-25.00	-37.86	Vertical
7	798.620	-79.75	12.97	-66.78	-25.00	-41.78	Vertical
8	912.695	-80.96	14.39	-66.57	-25.00	-41.57	Vertical
9	5012.000	-53.86	10.44	-43.42	-25.00	-18.42	Vertical
10	7518.000	-66.48	14.17	-52.31	-25.00	-27.31	Vertical
Middle Channel							
1	531.291	-75.94	7.99	-67.95	-25.00	-42.95	Horizontal
2	793.028	-81.29	13.00	-68.29	-25.00	-43.29	Horizontal
3	925.613	-81.95	14.71	-67.24	-25.00	-42.24	Horizontal
4	5186.000	-60.78	10.87	-49.91	-25.00	-24.91	Horizontal
5	7779.000	-68.11	14.71	-53.40	-25.00	-28.40	Horizontal
6	531.291	-77.19	7.99	-69.20	-25.00	-44.20	Vertical
7	787.475	-81.39	12.94	-68.45	-25.00	-43.45	Vertical
8	932.141	-81.67	14.85	-66.82	-25.00	-41.82	Vertical
9	5186.000	-65.53	10.87	-54.66	-25.00	-29.66	Vertical
10	7779.000	-67.34	14.71	-52.63	-25.00	-27.63	Vertical
Highest Channel							
1	531.291	-76.72	7.99	-68.73	-25.00	-43.73	Horizontal
2	919.132	-81.93	14.52	-67.41	-25.00	-42.41	Horizontal
3	945.334	-81.31	14.42	-66.89	-25.00	-41.89	Horizontal
4	5360.000	-55.76	11.59	-44.17	-25.00	-19.17	Horizontal
5	8040.000	-68.57	15.21	-53.36	-25.00	-28.36	Horizontal
6	531.291	-78.34	7.99	-70.35	-25.00	-45.35	Vertical
7	804.252	-80.81	12.90	-67.91	-25.00	-42.91	Vertical
8	919.132	-81.90	14.52	-67.38	-25.00	-42.38	Vertical
9	5360.000	-57.97	11.59	-46.38	-25.00	-21.38	Vertical
10	8040.000	-68.56	15.21	-53.35	-25.00	-28.35	Vertical

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5.8.3 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	531.291	-75.83	7.99	-67.84	-13.00	-54.84	Horizontal
2	798.620	-79.55	12.97	-66.58	-13.00	-53.58	Horizontal
3	958.714	-81.08	14.46	-66.62	-13.00	-53.62	Horizontal
4	3440.000	-66.80	7.60	-59.20	-13.00	-46.20	Horizontal
5	5160.000	-67.67	10.81	-56.86	-13.00	-43.86	Horizontal
6	531.291	-71.24	7.99	-63.25	-13.00	-50.25	Vertical
7	798.620	-80.67	12.97	-67.70	-13.00	-54.70	Vertical
8	868.886	-80.46	13.69	-66.77	-13.00	-53.77	Vertical
9	3440.000	-67.81	7.60	-60.21	-13.00	-47.21	Vertical
10	5160.000	-67.47	10.81	-56.66	-13.00	-43.66	Vertical
Middle Channel							
1	531.291	-75.62	7.99	-67.63	-13.00	-54.63	Horizontal
2	833.013	-80.36	13.10	-67.26	-13.00	-54.26	Horizontal
3	925.613	-81.00	14.71	-66.29	-13.00	-53.29	Horizontal
4	3490.000	-66.85	7.89	-58.96	-13.00	-45.96	Horizontal
5	5235.000	-67.47	11.06	-56.41	-13.00	-43.41	Horizontal
6	531.291	-71.91	7.99	-63.92	-13.00	-50.92	Vertical
7	793.028	-81.08	13.00	-68.08	-13.00	-55.08	Vertical
8	932.141	-80.97	14.85	-66.12	-13.00	-53.12	Vertical
9	3490.000	-67.29	7.89	-59.40	-13.00	-46.40	Vertical
10	5235.000	-68.76	11.06	-57.70	-13.00	-44.70	Vertical
Highest Channel							
1	531.291	-74.69	7.99	-66.70	-13.00	-53.70	Horizontal
2	850.760	-80.80	13.08	-67.72	-13.00	-54.72	Horizontal
3	938.714	-81.46	14.71	-66.75	-13.00	-53.75	Horizontal
4	3540.000	-66.62	8.08	-58.54	-13.00	-45.54	Horizontal
5	5310.000	-68.71	11.38	-57.33	-13.00	-44.33	Horizontal
6	531.291	-71.70	7.99	-63.71	-13.00	-50.71	Vertical
7	804.252	-80.01	12.90	-67.11	-13.00	-54.11	Vertical
8	875.013	-80.93	14.01	-66.92	-13.00	-53.92	Vertical
9	3540.000	-67.79	8.08	-59.71	-13.00	-46.71	Vertical
10	5310.000	-69.06	11.38	-57.68	-13.00	-44.68	Vertical

5.8.4 LTE Band 71

LTE Band 71_ 20 MHz_ QPSK							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	781.961	-88.52	41.56	-46.96	-13.00	-33.96	Horizontal
2	809.924	-87.85	41.48	-46.37	-13.00	-33.37	Horizontal
3	932.141	-88.18	43.32	-44.86	-13.00	-31.86	Horizontal
4	2019.000	-42.77	1.47	-41.30	-13.00	-28.30	Horizontal
5	4711.000	-55.44	10.07	-45.37	-13.00	-32.37	Horizontal
6	821.387	-87.82	41.40	-46.42	-13.00	-33.42	Vertical
7	887.398	-88.07	42.44	-45.63	-13.00	-32.63	Vertical
8	972.283	-87.71	42.96	-44.75	-13.00	-31.75	Vertical
9	2019.000	-43.03	1.47	-41.56	-13.00	-28.56	Vertical
10	4711.000	-55.84	10.07	-45.77	-13.00	-32.77	Vertical
Middle Channel							
1	815.635	-88.68	41.48	-47.20	-13.00	-34.20	Horizontal
2	952.000	-88.07	42.93	-45.14	-13.00	-32.14	Horizontal
3	986.044	-87.83	43.06	-44.77	-13.00	-31.77	Horizontal
4	2041.500	-51.69	1.58	-50.11	-13.00	-37.11	Horizontal
5	4763.500	-59.45	10.13	-49.32	-13.00	-36.32	Horizontal
6	598.707	-88.89	38.60	-50.29	-13.00	-37.29	Vertical
7	827.179	-88.25	41.51	-46.74	-13.00	-33.74	Vertical
8	945.334	-87.57	42.86	-44.71	-13.00	-31.71	Vertical
9	2041.500	-50.39	1.58	-48.81	-13.00	-35.81	Vertical
10	4763.500	-59.07	10.13	-48.94	-13.00	-35.94	Vertical
Highest Channel							
1	787.475	-87.88	41.73	-46.15	-13.00	-33.15	Horizontal
2	932.141	-88.87	43.32	-45.55	-13.00	-32.55	Horizontal
3	986.044	-88.01	43.06	-44.95	-13.00	-31.95	Horizontal
4	2071.500	-56.53	1.73	-54.80	-13.00	-41.80	Horizontal
5	3452.500	-60.84	7.66	-53.18	-13.00	-40.18	Horizontal
6	754.963	-88.01	40.87	-47.14	-13.00	-34.14	Vertical
7	868.886	-88.27	42.31	-45.96	-13.00	-32.96	Vertical
8	925.613	-87.22	43.20	-44.02	-13.00	-31.02	Vertical
9	2071.500	-45.61	1.73	-43.88	-13.00	-30.88	Vertical
10	3452.500	-53.97	7.66	-46.31	-13.00	-33.31	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, 3.55 Vdc, Normal, 3.8 Vdc and High voltage, 4.4 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: Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature ($^{\circ}\text{C}$)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
LTE Band 2 / 20MHz / Full RB							
QPSK	18900 / 1880.0	VL	TN	-5.44	-0.0029	Note 1	Pass
		VN		-4.15	-0.0022		Pass
		VH		-7.35	-0.0039		Pass
		VN	50	-6.52	-0.0035		Pass
			40	-7.68	-0.0041		Pass
			30	-6.37	-0.0034		Pass
			20	-4.15	-0.0022		Pass
			10	-5.16	-0.0027		Pass
			0	-9.81	-0.0052		Pass
			-10	-11.02	-0.0059		Pass
			-20	-12.67	-0.0067		Pass
			-30	-9.72	-0.0052		Pass

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Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 4 / 20MHz / Full RB							
QPSK	20175 / 1732.5	VL	TN	6.53	0.0038	Note 1	Pass
		VN		5.62	0.0032		Pass
		VH		3.19	0.0018		Pass
		VN	50	-3.95	-0.0023		Pass
			40	-4.91	-0.0028		Pass
			30	-2.86	-0.0017		Pass
			20	5.62	0.0032		Pass
			10	4.41	0.0025		Pass
			0	6.34	0.0037		Pass
			-10	2.15	0.0012		Pass
			-20	3.81	0.0022		Pass
			-30	4.91	0.0028		Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 5 / 10MHz / Full RB							
QPSK	20525 / 836.5	VL	TN	4.12	0.0049	± 2.5	Pass
		VN		2.94	0.0035	± 2.5	Pass
		VH		5.36	0.0064	± 2.5	Pass
		VN	50	2.12	0.0025	± 2.5	Pass
			40	4.85	0.0058	± 2.5	Pass
			30	6.81	0.0081	± 2.5	Pass
			20	2.94	0.0035	± 2.5	Pass
			10	5.36	0.0064	± 2.5	Pass
			0	3.01	0.0036	± 2.5	Pass
			-10	3.69	0.0044	± 2.5	Pass
			-20	4.23	0.0051	± 2.5	Pass
			-30	3.94	0.0047	± 2.5	Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 7 / 20MHz / Full RB							
QPSK	21100 / 2535	VL	TN	11.63	0.0046	± 2.5	Pass
		VN		9.54	0.0038	± 2.5	Pass
		VH		10.16	0.0040	± 2.5	Pass
		VN	50	11.83	0.0047	± 2.5	Pass
			40	13.51	0.0053	± 2.5	Pass
			30	11.39	0.0045	± 2.5	Pass
			20	9.54	0.0038	± 2.5	Pass
			10	11.65	0.0046	± 2.5	Pass
			0	13.59	0.0054	± 2.5	Pass
			-10	14.07	0.0056	± 2.5	Pass
			-20	13.16	0.0052	± 2.5	Pass
			-30	12.38	0.0049	± 2.5	Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 12 / 10MHz / Full RB							
QPSK	23095 / 707.5	VL	TN	-7.58	-0.0107	Note 1	Pass
		VN		-5.24	-0.0074		Pass
		VH		-6.42	-0.0091		Pass
		VN	50	-9.46	-0.0134		Pass
			40	-9.24	-0.0131		Pass
			30	-10.51	-0.0149		Pass
			20	-5.24	-0.0074		Pass
			10	-7.57	-0.0107		Pass
			0	-9.62	-0.0136		Pass
			-10	-10.13	-0.0143		Pass
			-20	-9.84	-0.0139		Pass
			-30	-12.51	-0.0177		Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 13 / 20MHz / Full RB							
QPSK	23230 / 782	VL	TN	-11.39	-0.0146	Note 1	Pass
		VN		-12.52	-0.0160		Pass
		VH		-9.46	-0.0121		Pass
		VN	50	-10.39	-0.0133		Pass
			40	-14.24	-0.0182		Pass
			30	-12.52	-0.0160		Pass
			20	-12.52	-0.0160		Pass
			10	-15.11	-0.0193		Pass
			0	-12.35	-0.0158		Pass
			-10	-11.21	-0.0143		Pass
			-20	-8.53	-0.0109		Pass
			-30	-10.26	-0.0131		Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 17 / 10MHz / Full RB							
QPSK	23790 / 710	VL	TN	-13.75	-0.0194	Note 1	Pass
		VN		-8.35	-0.0118		Pass
		VH		-5.06	-0.0071		Pass
		VN	50	-8.82	-0.0124		Pass
			40	-10.1	-0.0142		Pass
			30	-10.38	-0.0146		Pass
			20	-8.35	-0.0118		Pass
			10	-7.24	-0.0102		Pass
			0	-3.36	-0.0047		Pass
			-10	-5.12	-0.0072		Pass
			-20	-2.27	-0.0032		Pass
			-30	-4.23	-0.0060		Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 25 / 20MHz / Full RB							
QPSK	26590 / 1905	VL	TN	6.41	0.0034	Note 1	Pass
		VN		5.35	0.0028		Pass
		VH		8.43	0.0044		Pass
		VN	50	0.19	0.0001		Pass
			40	8.61	0.0045		Pass
			30	7.39	0.0039		Pass
			20	5.35	0.0028		Pass
			10	7.31	0.0038		Pass
			0	8.78	0.0046		Pass
			-10	8.52	0.0045		Pass
			-20	6.91	0.0036		Pass
			-30	8.72	0.0046		Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 26 / 10MHz / Full RB							
QPSK	26915 /836.5	VL	TN	-3.21	-0.0038	± 2.5	Pass
		VN		-2.24	-0.0027	± 2.5	Pass
		VH		-5.35	-0.0064	± 2.5	Pass
		VN	50	-4.16	-0.0050	± 2.5	Pass
			40	-3.85	-0.0046	± 2.5	Pass
			30	-6.25	-0.0075	± 2.5	Pass
			20	-4.27	-0.0051	± 2.5	Pass
			10	-3.64	-0.0044	± 2.5	Pass
			0	-3.01	-0.0036	± 2.5	Pass
			-10	-5.27	-0.0063	± 2.5	Pass
			-20	-3.39	-0.0041	± 2.5	Pass
			-30	-2.84	-0.0034	± 2.5	Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 26 / 15MHz / Full RB(Part 90S)							
QPSK	26740 / 819	VL	TN	-3.29	-0.0040	± 2.5	Pass
		VN		-2.28	-0.0028	± 2.5	Pass
		VH		-5.36	-0.0065	± 2.5	Pass
		VN	50	-4.12	-0.0050	± 2.5	Pass
			40	-3.87	-0.0047	± 2.5	Pass
			30	-6.28	-0.0077	± 2.5	Pass
			20	-4.32	-0.0053	± 2.5	Pass
			10	-3.59	-0.0044	± 2.5	Pass
			0	-2.95	-0.0036	± 2.5	Pass
			-10	-5.19	-0.0063	± 2.5	Pass
			-20	-3.32	-0.0041	± 2.5	Pass
			-30	-2.75	-0.0034	± 2.5	Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 30 / 10MHz / Full RB							
QPSK	27710 / 2310	VL	TN	-17.82	-0.0069	Note 1	Pass
		VN		-16.02	-0.0062		Pass
		VH		-18.56	-0.0072		Pass
		VN	50	-17.23	-0.0066		Pass
			40	-19.41	-0.0075		Pass
			30	-16.02	-0.0062		Pass
			20	-18.37	-0.0071		Pass
			10	-15.38	-0.0059		Pass
			0	-13.26	-0.0051		Pass
			-10	-16.99	-0.0065		Pass
			-20	-18.47	-0.0071		Pass
			-30	-15.26	-0.0059		Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 38 / 20MHz / Full RB							
QPSK	38000 / 2595	VL	TN	6.25	0.0024	Note 1	Pass
		VN		4.65	0.0018		Pass
		VH		5.14	0.0020		Pass
		VN	50	6.35	0.0024		Pass
			40	5.69	0.0022		Pass
			30	4.91	0.0019		Pass
			20	4.65	0.0018		Pass
			10	2.69	0.0010		Pass
			0	4.86	0.0019		Pass
			-10	3.18	0.0012		Pass
			-20	4.33	0.0017		Pass
			-30	5.94	0.0023		Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 40A / 10MHz / Full RB							
QPSK	38750 / 2310	VL	TN	-16.51	-0.0071	Note 1	Pass
		VN		-15.41	-0.0067		Pass
		VH		-18.54	-0.0080		Pass
		VN	50	-16.35	-0.0071		Pass
			40	-18.89	-0.0082		Pass
			30	-15.45	-0.0067		Pass
			20	-17.59	-0.0076		Pass
			10	-14.78	-0.0064		Pass
			0	-15.14	-0.0066		Pass
			-10	-16.84	-0.0073		Pass
			-20	-18.26	-0.0079		Pass
			-30	-14.34	-0.0062		Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 40B / 10MHz / Full RB							
QPSK	39200 / 2355	VL	TN	-16.15	-0.0069	Note 1	Pass
		VN		-14.73	-0.0063		Pass
		VH		-17.64	-0.0075		Pass
		VN	50	-15.55	-0.0066		Pass
			40	-18.28	-0.0078		Pass
			30	-14.52	-0.0062		Pass
			20	-17.01	-0.0072		Pass
			10	-14.08	-0.0060		Pass
			0	-14.35	-0.0061		Pass
			-10	-15.92	-0.0068		Pass
			-20	-17.72	-0.0075		Pass
			-30	-13.65	-0.0058		Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 41 / 20MHz / Full RB							
QPSK	40620 / 2593	VL	TN	12.33	0.0048	Note 1	Pass
		VN		9.15	0.0035		Pass
		VH		11.24	0.0043		Pass
		VN	50	11.38	0.0044		Pass
			40	11.19	0.0043		Pass
			30	10.83	0.0042		Pass
			20	9.15	0.0035		Pass
			10	11.09	0.0043		Pass
			0	10.49	0.0040		Pass
			-10	12.38	0.0048		Pass
			-20	11.54	0.0045		Pass
			-30	12.37	0.0048		Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 66 / 20MHz / Full RB							
QPSK	132322 /1745	VL	TN	11.26	0.0065	Note 1	Pass
		VN		10.69	0.0061		Pass
		VH		9.91	0.0057		Pass
		VN	50	8.13	0.0047		Pass
			40	9.94	0.0057		Pass
			30	7.52	0.0043		Pass
			20	10.69	0.0061		Pass
			10	9.48	0.0054		Pass
			0	7.54	0.0043		Pass
			-10	8.13	0.0047		Pass
			-20	9.05	0.0052		Pass
			-30	7.79	0.0045		Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 71 / 20MHz / Full RB							
QPSK	133322 / 683.0	VL	TN	-6.85	-0.0040	Note 1	Pass
		VN		-8.41	-0.0049		Pass
		VH		-4.62	-0.0027		Pass
		VN	50	-6.87	-0.0040		Pass
			40	-7.35	-0.0042		Pass
			30	-8.41	-0.0049		Pass
			20	-4.56	-0.0026		Pass
			10	-7.39	-0.0043		Pass
			0	-5.61	-0.0032		Pass
			-10	-3.15	-0.0018		Pass
			-20	-4.82	-0.0028		Pass
			-30	-3.68	-0.0021		Pass

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 LTE BAND 2

Peak to Average Ratio

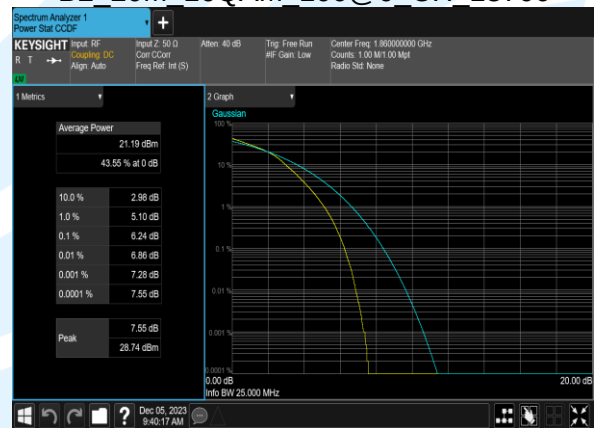
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
2	20.0	18700	1860.0	QPSK	100@0	5.48	13	PASS
2	20.0	18700	1860.0	16QAM	100@0	6.24	13	PASS
2	20.0	18900	1880.0	QPSK	100@0	5.63	13	PASS
2	20.0	18900	1880.0	16QAM	100@0	6.47	13	PASS
2	20.0	19100	1900.0	QPSK	100@0	5.70	13	PASS
2	20.0	19100	1900.0	16QAM	100@0	6.51	13	PASS
2	15.0	18675	1857.5	QPSK	75@0	5.24	13	PASS
2	15.0	18675	1857.5	16QAM	75@0	6.17	13	PASS
2	15.0	18900	1880.0	QPSK	75@0	5.49	13	PASS
2	15.0	18900	1880.0	16QAM	75@0	6.29	13	PASS
2	15.0	19125	1902.5	QPSK	75@0	5.48	13	PASS
2	15.0	19125	1902.5	16QAM	75@0	6.30	13	PASS
2	10.0	18650	1855.0	QPSK	50@0	5.40	13	PASS
2	10.0	18650	1855.0	16QAM	50@0	6.25	13	PASS
2	10.0	18900	1880.0	QPSK	50@0	5.65	13	PASS
2	10.0	18900	1880.0	16QAM	50@0	6.45	13	PASS
2	10.0	19150	1905.0	QPSK	50@0	5.60	13	PASS
2	10.0	19150	1905.0	16QAM	50@0	6.46	13	PASS
2	5.0	18625	1852.5	QPSK	25@0	5.47	13	PASS
2	5.0	18625	1852.5	16QAM	25@0	6.22	13	PASS
2	5.0	18900	1880.0	QPSK	25@0	5.72	13	PASS
2	5.0	18900	1880.0	16QAM	25@0	6.44	13	PASS
2	5.0	19175	1907.5	QPSK	25@0	5.65	13	PASS
2	5.0	19175	1907.5	16QAM	25@0	6.43	13	PASS
2	3.0	18615	1851.5	QPSK	15@0	5.42	13	PASS
2	3.0	18615	1851.5	16QAM	15@0	6.26	13	PASS
2	3.0	18900	1880.0	QPSK	15@0	5.60	13	PASS
2	3.0	18900	1880.0	16QAM	15@0	6.45	13	PASS
2	3.0	19185	1908.5	QPSK	15@0	5.49	13	PASS
2	3.0	19185	1908.5	16QAM	15@0	6.43	13	PASS
2	1.4	18607	1850.7	QPSK	6@0	5.44	13	PASS
2	1.4	18607	1850.7	16QAM	6@0	6.30	13	PASS
2	1.4	18900	1880.0	QPSK	6@0	5.67	13	PASS
2	1.4	18900	1880.0	16QAM	6@0	6.48	13	PASS
2	1.4	19193	1909.3	QPSK	6@0	5.55	13	PASS
2	1.4	19193	1909.3	16QAM	6@0	6.44	13	PASS

Test Graphs

B2 20M QPSK 100@0 CH 18700



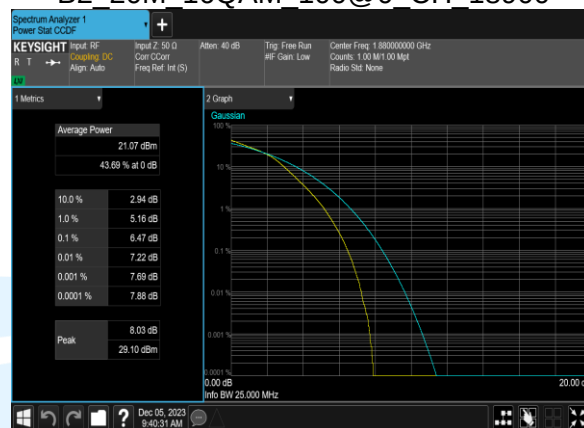
B2 20M 16QAM 100@0 CH 18700



B2_20M QPSK 100@0 CH 18900



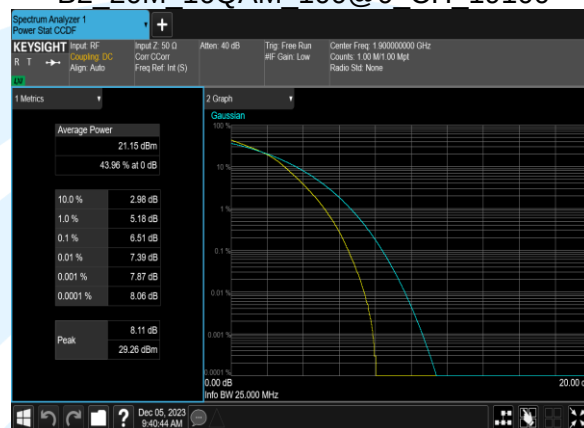
B2_20M 16QAM 100@0 CH 18900



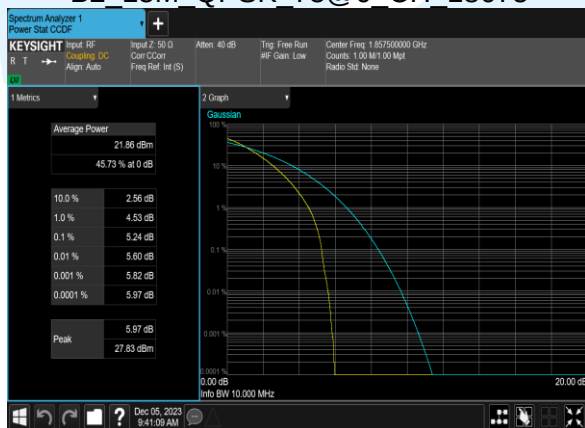
B2_20M QPSK 100@0 CH 19100



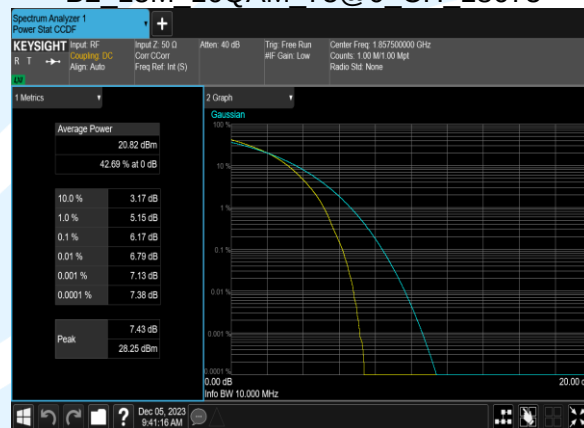
B2_20M 16QAM 100@0 CH 19100



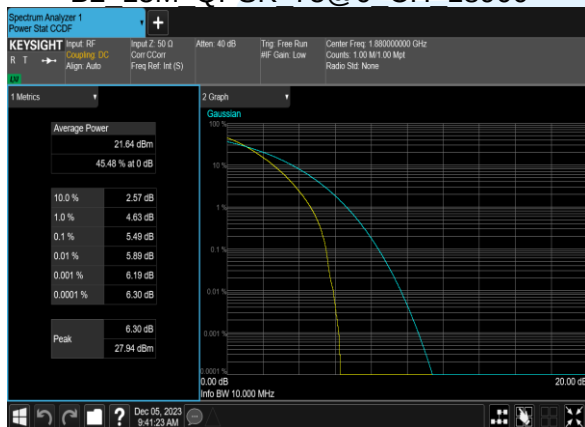
B2_15M QPSK 75@0 CH 18675



B2_15M 16QAM 75@0 CH 18675



B2_15M QPSK 75@0 CH 18900



B2_15M 16QAM 75@0 CH 18900



B2 15M QPSK 75@0 CH 19125



B2 15M 16QAM 75@0 CH 19125



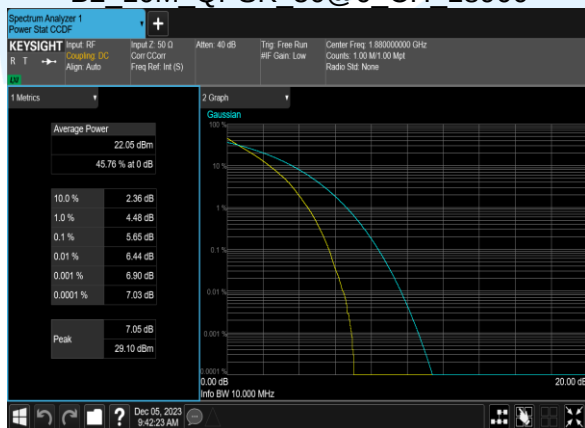
B2 10M QPSK 50@0 CH 18650



B2 10M 16QAM 50@0 CH 18650



B2 10M QPSK 50@0 CH 18900



B2 10M 16QAM 50@0 CH 18900



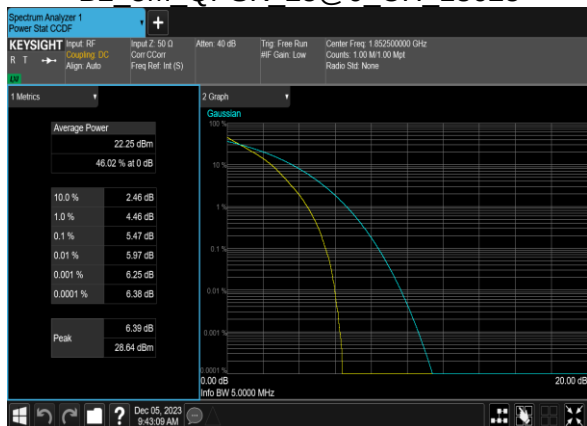
B2 10M QPSK 50@0 CH 19150



B2 10M 16QAM 50@0 CH 19150



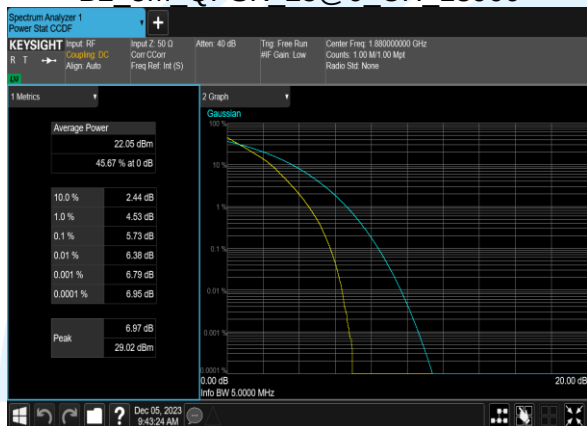
B2_5M QPSK 25@0 CH 18625



B2_5M 16QAM 25@0 CH 18625



B2_5M QPSK 25@0 CH 18900



B2_5M 16QAM 25@0 CH 18900



B2_5M QPSK 25@0 CH 19175



B2_5M 16QAM 25@0 CH 19175



B2_3M QPSK 15@0 CH 18615



B2_3M 16QAM 15@0 CH 18615



B2_3M QPSK 15@0 CH 18900



B2_3M 16QAM 15@0 CH 18900



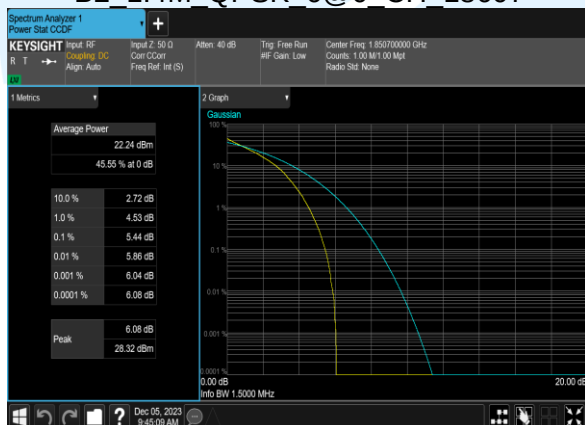
B2_3M QPSK 15@0 CH 19185



B2_3M 16QAM 15@0 CH 19185



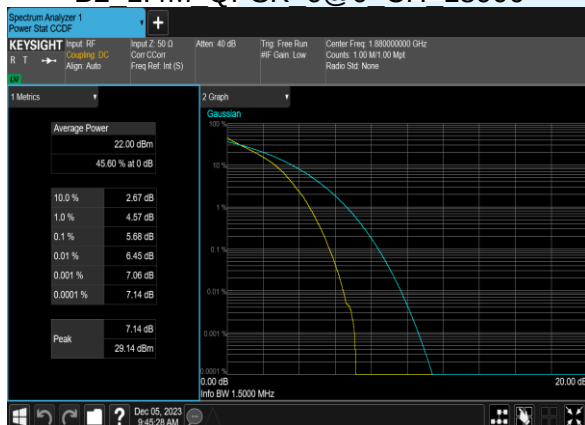
B2_1.4M QPSK 6@0 CH 18607



B2_1.4M 16QAM 6@0 CH 18607



B2_1.4M QPSK 6@0 CH 18900



B2_1.4M 16QAM 6@0 CH 18900



B2 1.4M QPSK 6@0 CH 19193



B2 1.4M 16QAM 6@0 CH 19193

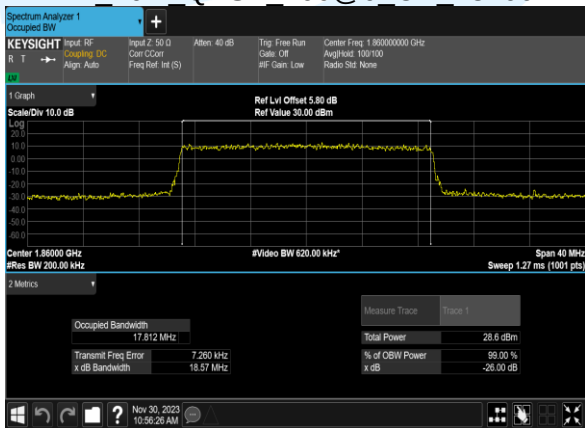


Occupied Bandwidth

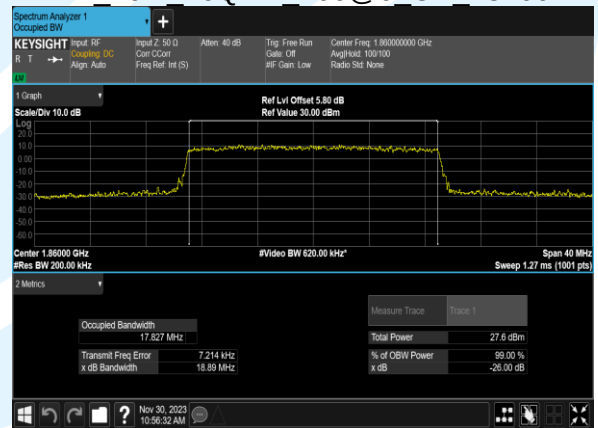
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
2	20.0	18700	1860.0	QPSK	100@0	17.812	18.57
2	20.0	18700	1860.0	16QAM	100@0	17.827	18.89
2	20.0	18900	1880.0	QPSK	100@0	17.876	19.06
2	20.0	18900	1880.0	16QAM	100@0	17.861	18.81
2	20.0	19100	1900.0	QPSK	100@0	17.883	18.70
2	20.0	19100	1900.0	16QAM	100@0	17.933	18.79
2	15.0	18675	1857.5	QPSK	75@0	13.393	14.12
2	15.0	18675	1857.5	16QAM	75@0	13.454	14.13
2	15.0	18900	1880.0	QPSK	75@0	13.386	14.36
2	15.0	18900	1880.0	16QAM	75@0	13.416	14.19
2	15.0	19125	1902.5	QPSK	75@0	13.431	14.20
2	15.0	19125	1902.5	16QAM	75@0	13.443	14.26
2	10.0	18650	1855.0	QPSK	50@0	8.9297	9.439
2	10.0	18650	1855.0	16QAM	50@0	8.9418	9.489
2	10.0	18900	1880.0	QPSK	50@0	8.9364	9.778
2	10.0	18900	1880.0	16QAM	50@0	8.9198	9.460
2	10.0	19150	1905.0	QPSK	50@0	8.9363	9.472
2	10.0	19150	1905.0	16QAM	50@0	8.9304	9.546
2	5.0	18625	1852.5	QPSK	25@0	4.4663	4.817
2	5.0	18625	1852.5	16QAM	25@0	4.4621	4.822
2	5.0	18900	1880.0	QPSK	25@0	4.4688	4.800
2	5.0	18900	1880.0	16QAM	25@0	4.4622	4.765
2	5.0	19175	1907.5	QPSK	25@0	4.4613	4.783
2	5.0	19175	1907.5	16QAM	25@0	4.4526	4.816
2	3.0	18615	1851.5	QPSK	15@0	2.6795	2.884
2	3.0	18615	1851.5	16QAM	15@0	2.6741	2.870
2	3.0	18900	1880.0	QPSK	15@0	2.6744	2.886
2	3.0	18900	1880.0	16QAM	15@0	2.6681	2.892
2	3.0	19185	1908.5	QPSK	15@0	2.6808	2.884
2	3.0	19185	1908.5	16QAM	15@0	2.6756	2.931
2	1.4	18607	1850.7	QPSK	6@0	1.0794	1.234
2	1.4	18607	1850.7	16QAM	6@0	1.0773	1.223
2	1.4	18900	1880.0	QPSK	6@0	1.0762	1.227
2	1.4	18900	1880.0	16QAM	6@0	1.0765	1.258
2	1.4	19193	1909.3	QPSK	6@0	1.0805	1.247
2	1.4	19193	1909.3	16QAM	6@0	1.0749	1.215

Test Graphs

B2 20M QPSK 100@0 CH 18700



B2 20M 16QAM 100@0 CH 18700



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