

5.8.5 LTE Band 12

LTE Band 12_ 10 MHz_ QPSK_ Below 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	30.639	-92.06	38.32	-53.74	-13.00	-40.74	Horizontal
2	130.305	-88.14	31.44	-56.70	-13.00	-43.70	Horizontal
3	679.435	-88.65	47.11	-41.54	-13.00	-28.54	Horizontal
4	32.640	-92.34	37.24	-55.10	-13.00	-42.10	Vertical
5	95.649	-89.17	31.31	-57.86	-13.00	-44.86	Vertical
6	607.181	-89.04	44.43	-44.61	-13.00	-31.61	Vertical
Middle Channel							
1	33.807	-91.27	36.67	-54.60	-13.00	-41.60	Horizontal
2	255.823	-89.83	36.28	-53.55	-13.00	-40.55	Horizontal
3	611.462	-89.15	45.76	-43.39	-13.00	-30.39	Horizontal
4	32.640	-92.30	37.24	-55.06	-13.00	-42.06	Vertical
5	220.724	-90.06	34.60	-55.46	-13.00	-42.46	Vertical
6	655.977	-87.81	44.61	-43.20	-13.00	-30.20	Vertical
Highest Channel							
1	33.335	-93.20	36.92	-56.28	-13.00	-43.28	Horizontal
2	198.642	-89.09	33.68	-55.41	-13.00	-42.41	Horizontal
3	620.117	-88.03	45.92	-42.11	-13.00	-29.11	Horizontal
4	32.184	-92.42	37.54	-54.88	-13.00	-41.88	Vertical
5	290.317	-88.79	37.05	-51.74	-13.00	-38.74	Vertical
6	573.988	-88.95	45.01	-43.94	-13.00	-30.94	Vertical

LTE Band 12_ 20 MHz_ QPSK _ Above 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	2112.000	-52.16	7.64	-44.52	-13.00	-31.52	Horizontal
2	5632.000	-57.79	16.53	-41.26	-13.00	-28.26	Horizontal
3	2112.000	-57.53	7.16	-50.37	-13.00	-37.37	Vertical
4	5632.000	-50.36	17.00	-33.36	-13.00	-20.36	Vertical
Middle Channel							
1	2122.500	-48.99	7.68	-41.31	-13.00	-28.31	Horizontal
2	5660.000	-55.11	16.65	-38.46	-13.00	-25.46	Horizontal
3	2122.500	-54.32	7.21	-47.11	-13.00	-34.11	Vertical
4	5660.000	-50.23	17.11	-33.12	-13.00	-20.12	Vertical
Highest Channel							
1	2133.000	-50.75	7.74	-43.01	-13.00	-30.01	Horizontal
2	5688.000	-57.04	16.77	-40.27	-13.00	-27.27	Horizontal
3	2133.000	-56.97	7.26	-49.71	-13.00	-36.71	Vertical
4	5688.000	-52.84	17.23	-35.61	-13.00	-22.61	Vertical

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New change data:

LTE Band 12_ 10 MHz_ QPSK_ Below 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	442.572	-87.41	35.16	-52.25	-13.00	-39.25	Horizontal
2	615.774	-87.78	39.12	-48.66	-13.00	-35.66	Horizontal
3	684.226	-86.97	40.41	-46.56	-13.00	-33.56	Horizontal
4	433.340	-87.12	35.36	-51.76	-13.00	-38.76	Vertical
5	558.079	-87.52	38.02	-49.50	-13.00	-36.50	Vertical
6	651.383	-86.32	37.73	-48.59	-13.00	-35.59	Vertical
Middle Channel							
1	255.823	-87.23	30.06	-57.17	-13.00	-44.17	Horizontal
2	387.257	-87.43	34.04	-53.39	-13.00	-40.39	Horizontal
3	637.795	-87.94	39.29	-48.65	-13.00	-35.65	Horizontal
4	296.502	-87.61	30.96	-56.65	-13.00	-43.65	Vertical
5	491.770	-87.98	36.63	-51.35	-13.00	-38.35	Vertical
6	684.226	-87.79	38.81	-48.98	-13.00	-35.98	Vertical
Highest Channel							
1	238.463	-88.02	29.30	-58.72	-13.00	-45.72	Horizontal
2	358.450	-87.50	33.12	-54.38	-13.00	-41.38	Horizontal
3	628.894	-87.54	39.28	-48.26	-13.00	-35.26	Horizontal
4	348.514	-88.72	33.06	-55.66	-13.00	-42.66	Vertical
5	509.356	-87.21	37.05	-50.16	-13.00	-37.16	Vertical
6	562.014	-88.73	38.11	-50.62	-13.00	-37.62	Vertical

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LTE Band 12_ 20 MHz_ QPSK _ Above 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	1408.000	-62.35	-1.60	-63.95	-13.00	-50.95	Horizontal
2	2112.000	-62.51	2.90	-59.61	-13.00	-46.61	Horizontal
3	1408.000	-62.78	-1.60	-64.38	-13.00	-51.38	Vertical
4	2112.000	-60.48	2.90	-57.58	-13.00	-44.58	Vertical
Middle Channel							
1	1415.000	-62.08	-1.61	-63.69	-13.00	-50.69	Horizontal
2	2122.500	-62.86	2.90	-59.96	-13.00	-46.96	Horizontal
3	1415.000	-61.88	-1.61	-63.49	-13.00	-50.49	Vertical
4	2122.500	-61.97	2.90	-59.07	-13.00	-46.07	Vertical
Highest Channel							
1	1422.000	-57.29	-1.62	-58.91	-13.00	-45.91	Horizontal
2	2133.000	-62.75	2.91	-59.84	-13.00	-46.84	Horizontal
3	1422.000	-61.79	-1.62	-63.41	-13.00	-50.41	Vertical
4	2133.000	-62.26	2.91	-59.35	-13.00	-46.35	Vertical

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5.8.6 LTE Band 17

LTE Band 17_ 10 MHz_ QPSK_ Below 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	31.292	-91.76	37.99	-53.77	-13.00	-40.77	Horizontal
2	97.002	-85.93	31.46	-54.47	-13.00	-41.47	Horizontal
3	542.610	-87.59	44.01	-43.58	-13.00	-30.58	Horizontal
4	31.735	-91.43	37.83	-53.60	-13.00	-40.60	Vertical
5	97.002	-86.79	31.46	-55.33	-13.00	-42.33	Vertical
6	538.811	-88.54	44.18	-44.36	-13.00	-31.36	Vertical
Middle Channel							
1	33.101	-90.93	37.05	-53.88	-13.00	-40.88	Horizontal
2	97.002	-87.62	31.46	-56.16	-13.00	-43.16	Horizontal
3	270.616	-89.39	36.59	-52.80	-13.00	-39.80	Horizontal
4	39.182	-89.10	33.00	-56.10	-13.00	-43.10	Vertical
5	97.002	-87.60	31.46	-56.14	-13.00	-43.14	Vertical
6	282.270	-88.88	36.87	-52.01	-13.00	-39.01	Vertical
Highest Channel							
1	37.565	-90.14	34.73	-55.41	-13.00	-42.41	Horizontal
2	89.787	-86.39	30.65	-55.74	-13.00	-42.74	Horizontal
3	415.449	-88.32	41.29	-47.03	-13.00	-34.03	Horizontal
4	37.565	-87.75	34.05	-53.70	-13.00	-40.70	Vertical
5	89.787	-87.29	30.65	-56.64	-13.00	-43.64	Vertical
6	430.305	-89.25	41.75	-47.50	-13.00	-34.50	Vertical

LTE Band 17_ 10 MHz_ QPSK _ Above 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	2127.000	-54.07	7.70	-46.37	-13.00	-33.37	Horizontal
2	5672.000	-57.08	16.71	-40.37	-13.00	-27.37	Horizontal
3	2127.000	-61.59	7.22	-54.37	-13.00	-41.37	Vertical
4	5672.000	-53.78	17.17	-36.61	-13.00	-23.61	Vertical
Middle Channel							
1	2130.000	-55.13	7.71	-47.42	-13.00	-34.42	Horizontal
2	5680.000	-61.28	16.73	-44.55	-13.00	-31.55	Horizontal
3	2130.000	-60.32	7.24	-53.08	-13.00	-40.08	Vertical
4	5680.000	-53.30	17.19	-36.11	-13.00	-23.11	Vertical
Highest Channel							
1	2133.000	-54.79	7.74	-47.05	-13.00	-34.05	Horizontal
2	5688.000	-62.25	16.77	-45.48	-13.00	-32.48	Horizontal
3	2133.000	-61.48	7.26	-54.22	-13.00	-41.22	Vertical
4	5688.000	-53.97	17.23	-36.74	-13.00	-23.74	Vertical

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New change data:

LTE Band 17_ 10 MHz_ QPSK_ Below 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	401.105	-88.23	35.07	-53.16	-13.00	-40.16	Horizontal
2	550.290	-88.18	37.45	-50.73	-13.00	-37.73	Horizontal
3	655.977	-87.98	39.53	-48.45	-13.00	-35.45	Horizontal
4	424.300	-87.68	35.49	-52.19	-13.00	-39.19	Vertical
5	550.290	-88.12	37.86	-50.26	-13.00	-37.26	Vertical
6	628.894	-87.23	37.85	-49.38	-13.00	-36.38	Vertical
Middle Channel							
1	442.572	-88.08	35.16	-52.92	-13.00	-39.92	Horizontal
2	607.181	-87.70	38.97	-48.73	-13.00	-35.73	Horizontal
3	679.435	-87.06	40.32	-46.74	-13.00	-33.74	Horizontal
4	421.329	-88.92	35.33	-53.59	-13.00	-40.59	Vertical
5	523.876	-87.68	37.37	-50.31	-13.00	-37.31	Vertical
6	569.969	-88.35	38.29	-50.06	-13.00	-37.06	Vertical
Highest Channel							
1	360.977	-87.55	33.10	-54.45	-13.00	-41.45	Horizontal
2	488.326	-87.81	36.17	-51.64	-13.00	-38.64	Horizontal
3	646.822	-87.24	39.30	-47.94	-13.00	-34.94	Horizontal
4	464.887	-87.32	35.74	-51.58	-13.00	-38.58	Vertical
5	520.208	-87.21	37.28	-49.93	-13.00	-36.93	Vertical
6	565.978	-88.23	38.20	-50.03	-13.00	-37.03	Vertical

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LTE Band 17_ 10 MHz_ QPSK _ Above 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	1418.000	-55.01	-1.62	-56.63	-13.00	-43.63	Horizontal
2	2127.000	-58.19	2.90	-55.29	-13.00	-42.29	Horizontal
3	1418.000	-54.60	-1.62	-56.22	-13.00	-43.22	Vertical
4	2127.000	-57.98	2.90	-55.08	-13.00	-42.08	Vertical
Middle Channel							
1	1420.000	-62.84	-1.61	-64.45	-13.00	-51.45	Horizontal
2	2130.000	-60.10	2.90	-57.20	-13.00	-44.20	Horizontal
3	1420.000	-55.80	-1.61	-57.41	-13.00	-44.41	Vertical
4	2130.000	-58.10	2.90	-55.20	-13.00	-42.20	Vertical
Highest Channel							
1	1422.000	-57.26	-1.62	-58.88	-13.00	-45.88	Horizontal
2	2133.000	-59.65	2.91	-56.74	-13.00	-43.74	Horizontal
3	1422.000	-59.72	-1.62	-61.34	-13.00	-48.34	Vertical
4	2133.000	-60.13	2.91	-57.22	-13.00	-44.22	Vertical

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5.8.7 LTE Band 25

LTE Band 25_ 20 MHz_ QPSK_ Below 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	47.703	-72.81	1.57	-71.24	-13.00	-58.24	Horizontal
2	101.893	-75.57	2.97	-72.60	-13.00	-59.60	Horizontal
3	821.387	-80.94	18.64	-62.30	-13.00	-49.30	Horizontal
4	43.538	-77.72	2.37	-75.35	-13.00	-62.35	Vertical
5	254.031	-80.65	7.97	-72.68	-13.00	-59.68	Vertical
6	893.656	-81.90	19.34	-62.56	-13.00	-49.56	Vertical
Middle Channel							
1	47.703	-73.11	1.57	-71.54	-13.00	-58.54	Horizontal
2	62.304	-72.49	0.19	-72.30	-13.00	-59.30	Horizontal
3	952.000	-81.96	22.57	-59.39	-13.00	-46.39	Horizontal
4	35.511	-78.29	6.36	-71.93	-13.00	-58.93	Vertical
5	158.640	-78.35	4.23	-74.12	-13.00	-61.12	Vertical
6	965.474	-82.04	21.49	-60.55	-13.00	-47.55	Vertical
Highest Channel							
1	52.634	-72.18	0.50	-71.68	-13.00	-58.68	Horizontal
2	71.203	-73.73	0.92	-72.81	-13.00	-59.81	Horizontal
3	958.714	-82.44	22.61	-59.83	-13.00	-46.83	Horizontal
4	45.095	-77.22	1.87	-75.35	-13.00	-62.35	Vertical
5	160.885	-80.20	4.26	-75.94	-13.00	-62.94	Vertical
6	972.283	-81.79	21.69	-60.10	-13.00	-47.10	Vertical

LTE Band 25_ 20 MHz_ QPSK _ Above 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	3720.000	-61.52	14.94	-46.58	-13.00	-33.58	Horizontal
2	5580.000	-58.27	16.38	-41.89	-13.00	-28.89	Horizontal
3	3720.000	-60.89	14.93	-45.96	-13.00	-32.96	Vertical
4	5580.000	-53.83	16.86	-36.97	-13.00	-23.97	Vertical
Middle Channel							
1	3760.000	-65.65	15.03	-50.62	-13.00	-37.62	Horizontal
2	5640.000	-59.25	16.56	-42.69	-13.00	-29.69	Horizontal
3	3760.000	-61.85	15.03	-46.82	-13.00	-33.82	Vertical
4	5640.000	-47.03	17.04	-29.99	-13.00	-16.99	Vertical
Highest Channel							
1	5715.000	-60.23	16.88	-43.35	-13.00	-30.35	Horizontal
2	7620.000	-63.61	18.26	-45.35	-13.00	-32.35	Horizontal
3	5715.000	-57.54	17.34	-40.20	-13.00	-27.20	Vertical
4	7620.000	-60.06	18.36	-41.70	-13.00	-28.70	Vertical

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New change data:

LTE Band 25_ 20 MHz_ QPSK_ Below 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	620.117	-81.07	9.73	-71.34	-13.00	-58.34	Horizontal
2	798.620	-81.11	12.02	-69.09	-13.00	-56.09	Horizontal
3	912.695	-81.62	13.51	-68.11	-13.00	-55.11	Horizontal
4	689.051	-80.32	9.63	-70.69	-13.00	-57.69	Vertical
5	771.047	-80.40	9.99	-70.41	-13.00	-57.41	Vertical
6	979.139	-81.58	13.28	-68.30	-13.00	-55.30	Vertical
Middle Channel							
1	684.226	-81.11	10.97	-70.14	-13.00	-57.14	Horizontal
2	804.252	-80.47	12.04	-68.43	-13.00	-55.43	Horizontal
3	979.139	-81.95	14.16	-67.79	-13.00	-54.79	Horizontal
4	590.351	-81.11	8.47	-72.64	-13.00	-59.64	Vertical
5	809.924	-81.73	11.49	-70.24	-13.00	-57.24	Vertical
6	932.141	-81.34	13.19	-68.15	-13.00	-55.15	Vertical
Highest Channel							
1	628.894	-80.46	9.82	-70.64	-13.00	-57.64	Horizontal
2	765.648	-80.11	11.28	-68.83	-13.00	-55.83	Horizontal
3	887.398	-80.57	12.81	-67.76	-13.00	-54.76	Horizontal
4	569.969	-81.54	8.81	-72.73	-13.00	-59.73	Vertical
5	684.226	-80.31	9.37	-70.94	-13.00	-57.94	Vertical
6	912.695	-81.54	13.06	-68.48	-13.00	-55.48	Vertical

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LTE Band 25_ 20 MHz_ QPSK _ Above 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	3720.000	-46.28	7.81	-38.47	-13.00	-25.47	Horizontal
2	5580.000	-35.91	11.81	-24.10	-13.00	-11.10	Horizontal
3	3720.000	-45.15	7.81	-37.34	-13.00	-24.34	Vertical
4	5580.000	-37.56	11.81	-25.75	-13.00	-12.75	Vertical
Middle Channel							
1	3760.000	-50.85	7.93	-42.92	-13.00	-29.92	Horizontal
2	5640.000	-34.68	11.83	-22.85	-13.00	-9.85	Horizontal
3	3760.000	-46.09	7.93	-38.16	-13.00	-25.16	Vertical
4	5640.000	-34.32	11.83	-22.49	-13.00	-9.49	Vertical
Highest Channel							
1	5715.000	-37.76	11.85	-25.91	-13.00	-12.91	Horizontal
2	7620.000	-48.49	13.24	-35.25	-13.00	-22.25	Horizontal
3	5715.000	-37.37	11.85	-25.52	-13.00	-12.52	Vertical
4	7620.000	-46.76	13.24	-33.52	-13.00	-20.52	Vertical

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5.8.8 LTE Band 26

5.8.9 LTE Band 26_ 15 MHz_ QPSK_ Below 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	32.184	-92.74	37.52	-55.22	-13.00	-42.22	Horizontal
2	245.261	-89.18	35.89	-53.29	-13.00	-40.29	Horizontal
3	674.677	-88.94	47.00	-41.94	-13.00	-28.94	Horizontal
4	30.212	-91.32	38.81	-52.51	-13.00	-39.51	Vertical
5	146.839	-88.82	32.32	-56.50	-13.00	-43.50	Vertical
6	713.692	-88.53	46.32	-42.21	-13.00	-29.21	Vertical
Middle Channel							
1	32.640	-92.04	37.28	-54.76	-13.00	-41.76	Horizontal
2	99.768	-90.44	31.76	-58.68	-13.00	-45.68	Horizontal
3	684.226	-88.68	47.22	-41.46	-13.00	-28.46	Horizontal
4	33.807	-92.55	36.48	-56.07	-13.00	-43.07	Vertical
5	74.793	-88.43	29.93	-58.50	-13.00	-45.50	Vertical
6	815.635	-87.55	47.66	-39.89	-13.00	-26.89	Vertical
Highest Channel							
1	30.855	-92.13	38.21	-53.92	-13.00	-40.92	Horizontal
2	173.815	-89.28	33.08	-56.20	-13.00	-43.20	Horizontal
3	698.804	-88.83	47.55	-41.28	-13.00	-28.28	Horizontal
4	32.640	-91.41	37.24	-54.17	-13.00	-41.17	Vertical
5	427.292	-89.80	41.80	-48.00	-13.00	-35.00	Vertical
6	582.112	-88.78	44.84	-43.94	-13.00	-30.94	Vertical

LTE Band 26_ 15 MHz_ QPSK_ Above 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	1663.000	-53.83	4.61	-49.22	-13.00	-36.22	Horizontal
2	2494.500	-55.64	10.86	-44.78	-13.00	-31.78	Horizontal
3	1663.000	-52.20	3.84	-48.36	-13.00	-35.36	Vertical
4	2494.500	-54.73	10.46	-44.27	-13.00	-31.27	Vertical
Middle Channel							
1	1673.000	-46.65	4.68	-41.97	-13.00	-28.97	Horizontal
2	2509.500	-57.11	10.87	-46.24	-13.00	-33.24	Horizontal
3	1673.000	-47.40	3.92	-43.48	-13.00	-30.48	Vertical
4	2509.500	-56.54	10.46	-46.08	-13.00	-33.08	Vertical
Highest Channel							
1	1683.000	-48.82	4.76	-44.06	-13.00	-31.06	Horizontal
2	2524.500	-62.12	10.89	-51.23	-13.00	-38.23	Horizontal
3	1683.000	-50.54	4.01	-46.53	-13.00	-33.53	Vertical
4	2524.500	-61.05	10.47	-50.58	-13.00	-37.58	Vertical

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New change data:

LTE Band 26_ 15 MHz_ QPSK_ Below 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	512.948	-87.92	36.89	-51.03	-13.00	-38.03	Horizontal
2	734.037	-87.45	40.26	-47.19	-13.00	-34.19	Horizontal
3	793.028	-87.63	41.30	-46.33	-13.00	-33.33	Horizontal
4	520.208	-88.05	37.28	-50.77	-13.00	-37.77	Vertical
5	582.112	-87.60	38.18	-49.42	-13.00	-36.42	Vertical
6	628.894	-86.85	37.85	-49.00	-13.00	-36.00	Vertical
Middle Channel							
1	546.437	-87.73	37.45	-50.28	-13.00	-37.28	Horizontal
2	689.051	-87.52	40.52	-47.00	-13.00	-34.00	Horizontal
3	798.620	-87.00	41.42	-45.58	-13.00	-32.58	Horizontal
4	516.565	-88.14	37.20	-50.94	-13.00	-37.94	Vertical
5	569.969	-87.81	38.29	-49.52	-13.00	-36.52	Vertical
6	708.694	-88.56	39.57	-48.99	-13.00	-35.99	Vertical
Highest Channel							
1	461.631	-87.55	35.65	-51.90	-13.00	-38.90	Horizontal
2	689.051	-87.82	40.52	-47.30	-13.00	-34.30	Horizontal
3	781.961	-87.13	41.05	-46.08	-13.00	-33.08	Horizontal
4	455.189	-87.90	35.30	-52.60	-13.00	-39.60	Vertical
5	535.038	-88.15	37.57	-50.58	-13.00	-37.58	Vertical
6	708.694	-87.80	39.57	-48.23	-13.00	-35.23	Vertical

LTE Band 26_ 15 MHz_ QPSK_ Above 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	1629.400	-62.76	-0.66	-63.42	-13.00	-50.42	Horizontal
2	2444.100	-62.69	3.55	-59.14	-13.00	-46.14	Horizontal
3	1629.400	-62.80	-0.66	-63.46	-13.00	-50.46	Vertical
4	2444.100	-63.95	3.55	-60.40	-13.00	-47.40	Vertical
Middle Channel							
1	1638.000	-61.82	-0.57	-62.39	-13.00	-49.39	Horizontal
2	2457.000	-63.85	3.59	-60.26	-13.00	-47.26	Horizontal
3	1638.000	-62.32	-0.57	-62.89	-13.00	-49.89	Vertical
4	2457.000	-64.00	3.59	-60.41	-13.00	-47.41	Vertical
Highest Channel							
1	1643.000	-62.88	-0.52	-63.40	-13.00	-50.40	Horizontal
2	2464.500	-58.24	3.60	-54.64	-13.00	-41.64	Horizontal
3	1643.000	-62.83	-0.52	-63.35	-13.00	-50.35	Vertical
4	2464.500	-63.85	3.60	-60.25	-13.00	-47.25	Vertical

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5.8.10 LTE Band 26 (Part 90S)

5.8.11 LTE Band 26_ 10 MHz_ QPSK_ Below 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	31.735	-92.24	37.75	-54.49	-13.00	-41.49	Horizontal
2	304.955	-89.05	37.43	-51.62	-13.00	-38.62	Horizontal
3	542.610	-88.74	44.01	-44.73	-13.00	-31.73	Horizontal
4	32.870	-91.96	37.09	-54.87	-13.00	-41.87	Vertical
5	180.030	-89.17	33.56	-55.61	-13.00	-42.61	Vertical
6	554.171	-88.85	44.51	-44.34	-13.00	-31.34	Vertical
Middle Channel							
1	34.527	-92.29	36.30	-55.99	-13.00	-42.99	Horizontal
2	261.273	-88.89	36.40	-52.49	-13.00	-39.49	Horizontal
3	698.804	-87.86	47.55	-40.31	-13.00	-27.31	Horizontal
4	32.411	-91.82	37.39	-54.43	-13.00	-41.43	Vertical
5	516.565	-88.46	43.69	-44.77	-13.00	-31.77	Vertical
6	718.725	-88.34	46.26	-42.08	-13.00	-29.08	Vertical
Highest Channel							
1	30.855	-92.49	38.21	-54.28	-13.00	-41.28	Horizontal
2	153.163	-88.75	32.91	-55.84	-13.00	-42.84	Horizontal
3	708.694	-88.65	47.37	-41.28	-13.00	-28.28	Horizontal
4	31.292	-92.30	38.12	-54.18	-13.00	-41.18	Vertical
5	227.016	-89.12	34.90	-54.22	-13.00	-41.22	Vertical
6	713.692	-89.06	46.32	-42.74	-13.00	-29.74	Vertical

LTE Band 26_ 10 MHz_ QPSK_ Above 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	1629.400	-50.12	4.38	-45.74	-13.00	-32.74	Horizontal
2	2444.100	-52.44	10.87	-41.57	-13.00	-28.57	Horizontal
3	1629.400	-47.74	3.58	-44.16	-13.00	-31.16	Vertical
4	2444.100	-57.94	10.46	-47.48	-13.00	-34.48	Vertical
Middle Channel							
1	2457.000	-56.05	10.87	-45.18	-13.00	-32.18	Horizontal
2	3276.000	-54.98	13.15	-41.83	-13.00	-28.83	Horizontal
3	2457.000	-56.36	10.46	-45.90	-13.00	-32.90	Vertical
4	3276.000	-55.17	12.74	-42.43	-13.00	-29.43	Vertical
Highest Channel							
1	2464.500	-59.48	10.87	-48.61	-13.00	-35.61	Horizontal
2	3286.000	-58.75	13.17	-45.58	-13.00	-32.58	Horizontal
3	2464.500	-52.81	10.46	-42.35	-13.00	-29.35	Vertical
4	3286.000	-55.84	12.77	-43.07	-13.00	-30.07	Vertical

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New change data:

LTE Band 26_ 10 MHz_ QPSK_Below 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	520.208	-87.96	37.25	-50.71	-13.00	-37.71	Horizontal
2	655.977	-87.46	39.53	-47.93	-13.00	-34.93	Horizontal
3	771.047	-87.56	40.81	-46.75	-13.00	-33.75	Horizontal
4	569.969	-88.18	38.29	-49.89	-13.00	-36.89	Vertical
5	642.292	-87.14	37.75	-49.39	-13.00	-36.39	Vertical
6	698.804	-87.97	39.59	-48.38	-13.00	-35.38	Vertical
Middle Channel							
1	512.948	-87.99	36.89	-51.10	-13.00	-38.10	Horizontal
2	620.117	-87.87	39.19	-48.68	-13.00	-35.68	Horizontal
3	809.924	-86.92	41.39	-45.53	-13.00	-32.53	Horizontal
4	546.437	-87.56	37.78	-49.78	-13.00	-36.78	Vertical
5	611.462	-86.75	37.75	-49.00	-13.00	-36.00	Vertical
6	703.731	-87.67	39.62	-48.05	-13.00	-35.05	Vertical
Highest Channel							
1	439.473	-87.35	35.11	-52.24	-13.00	-39.24	Horizontal
2	689.051	-87.30	40.52	-46.78	-13.00	-33.78	Horizontal
3	781.961	-87.57	41.05	-46.52	-13.00	-33.52	Horizontal
4	573.988	-87.68	38.38	-49.30	-13.00	-36.30	Vertical
5	693.910	-87.21	39.32	-47.89	-13.00	-34.89	Vertical
6	809.924	-86.63	40.87	-45.76	-13.00	-32.76	Vertical

LTE Band 26_ 10 MHz_ QPSK_ Above 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	1663.000	-61.78	-0.32	-62.10	-13.00	-49.10	Horizontal
2	2494.500	-62.27	3.67	-58.60	-13.00	-45.60	Horizontal
3	1663.000	-63.62	-0.32	-63.94	-13.00	-50.94	Vertical
4	2494.500	-61.78	3.67	-58.11	-13.00	-45.11	Vertical
Middle Channel							
1	1673.000	-62.83	-0.22	-63.05	-13.00	-50.05	Horizontal
2	2509.500	-64.79	3.70	-61.09	-13.00	-48.09	Horizontal
3	1673.000	-63.52	-0.22	-63.74	-13.00	-50.74	Vertical
4	2509.500	-65.96	3.70	-62.26	-13.00	-49.26	Vertical
Highest Channel							
1	1683.000	-62.78	-0.11	-62.89	-13.00	-49.89	Horizontal
2	2524.500	-67.36	3.71	-63.65	-13.00	-50.65	Horizontal
3	1683.000	-63.11	-0.11	-63.22	-13.00	-50.22	Vertical
4	2524.500	-63.56	3.71	-59.85	-13.00	-46.85	Vertical

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5.8.12 LTE Band 30

LTE Band 30_ 10 MHz_ QPSK_Below 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Middle Channel							
1	36.014	-78.79	6.53	-72.26	-13.00	-59.26	Horizontal
2	395.507	-79.59	12.24	-67.35	-13.00	-54.35	Horizontal
3	815.635	-78.66	18.66	-60.00	-13.00	-47.00	Horizontal
4	36.781	-79.80	5.55	-74.25	-13.00	-61.25	Vertical
5	252.252	-80.36	7.93	-72.43	-13.00	-59.43	Vertical
6	734.037	-79.29	16.55	-62.74	-13.00	-49.74	Vertical

LTE Band 30_ 10 MHz_ QPSK_ Above 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Middle Channel							
1	4620.000	-67.63	15.75	-51.88	-40.00	-11.88	Horizontal
2	6930.000	-65.47	18.40	-47.07	-40.00	-7.07	Horizontal
3	4620.000	-65.76	15.43	-50.33	-40.00	-10.33	Vertical
4	6930.000	-64.06	18.13	-45.93	-40.00	-5.93	Vertical

New change data:

Test Change data:

LTE Band 30_ 10 MHz_ QPSK_ Below 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Middle Channel							
1	669.952	-80.03	10.60	-69.43	-40.00	-29.43	Horizontal
2	827.179	-80.25	11.95	-68.30	-40.00	-28.30	Horizontal
3	932.141	-81.00	14.05	-66.95	-40.00	-26.95	Horizontal
4	35.511	-74.67	0.71	-73.96	-40.00	-33.96	Vertical
5	573.988	-80.59	8.90	-71.69	-40.00	-31.69	Vertical
6	906.304	-81.91	13.01	-68.90	-40.00	-28.90	Vertical

LTE Band 30_ 10 MHz_ QPSK_ Above 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Middle Channel							
1	4620.000	-62.29	9.92	-52.37	-40.00	-12.37	Horizontal
2	6930.000	-65.22	12.69	-52.53	-40.00	-12.53	Horizontal
3	4620.000	-61.77	9.92	-51.85	-40.00	-11.85	Vertical
4	6930.000	-66.06	12.69	-53.37	-40.00	-13.37	Vertical

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5.8.13 LTE Band 41

LTE Band 41_ 20 MHz_ QPSK_ Below 1G							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
Lowest Channel							
1	53.379	-72.14	0.45	-71.69	-25.00	-46.69	Horizontal
2	159.759	-79.35	4.94	-74.41	-25.00	-49.41	Horizontal
3	798.620	-80.17	18.70	-61.47	-25.00	-36.47	Horizontal
4	43.845	-76.53	2.27	-74.26	-25.00	-49.26	Vertical
5	159.759	-79.82	4.26	-75.56	-25.00	-50.56	Vertical
6	919.132	-81.68	20.23	-61.45	-25.00	-36.45	Vertical
Middle Channel							
1	47.703	-73.04	1.57	-71.47	-25.00	-46.47	Horizontal
2	101.893	-76.38	2.97	-73.41	-25.00	-48.41	Horizontal
3	674.677	-80.30	17.56	-62.74	-25.00	-37.74	Horizontal
4	30.855	-81.40	9.36	-72.04	-25.00	-47.04	Vertical
5	159.759	-79.72	4.26	-75.46	-25.00	-50.46	Vertical
6	952.000	-82.87	21.12	-61.75	-25.00	-36.75	Vertical
Highest Channel							
1	47.703	-72.38	1.57	-70.81	-25.00	-45.81	Horizontal
2	336.482	-81.32	10.36	-70.96	-25.00	-45.96	Horizontal
3	660.602	-80.75	17.01	-63.74	-25.00	-38.74	Horizontal
4	35.511	-77.79	6.36	-71.43	-25.00	-46.43	Vertical
5	257.627	-80.19	8.06	-72.13	-25.00	-47.13	Vertical
6	689.051	-79.95	16.44	-63.51	-25.00	-38.51	Vertical

LTE Band 41_ 20 MHz_ QPSK_ Above 1G							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
Lowest Channel							
1	7518.000	-58.51	18.11	-40.40	-13.00	-27.40	Horizontal
2	10024.000	-61.47	20.00	-41.47	-13.00	-28.47	Horizontal
3	7518.000	-52.32	18.21	-34.11	-13.00	-21.11	Vertical
4	10024.000	-57.56	20.29	-37.27	-13.00	-24.27	Vertical
Middle Channel							
1	7779.000	-60.81	18.50	-42.31	-13.00	-29.31	Horizontal
2	10372.000	-56.20	20.34	-35.86	-13.00	-22.86	Horizontal
3	7779.000	-57.23	18.60	-38.63	-13.00	-25.63	Vertical
4	10372.000	-52.72	20.49	-32.23	-13.00	-19.23	Vertical
Highest Channel							
1	8040.000	-57.00	18.70	-38.30	-13.00	-25.30	Horizontal
2	10720.000	-54.64	20.51	-34.13	-13.00	-21.13	Horizontal
3	8040.000	-58.39	18.79	-39.60	-13.00	-26.60	Vertical
4	10720.000	-57.88	20.66	-37.22	-13.00	-24.22	Vertical

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New change data:

LTE Band 41_ 20 MHz_ QPSK _Below 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	602.929	-81.04	9.43	-71.61	-25.00	-46.61	Horizontal
2	815.635	-80.06	11.99	-68.07	-25.00	-43.07	Horizontal
3	945.334	-81.57	14.50	-67.07	-25.00	-42.07	Horizontal
4	35.511	-75.32	0.71	-74.61	-25.00	-49.61	Vertical
5	765.648	-79.56	9.85	-69.71	-25.00	-44.71	Vertical
6	827.179	-81.07	11.85	-69.22	-25.00	-44.22	Vertical
Middle Channel							
1	554.171	-79.46	7.95	-71.51	-25.00	-46.51	Horizontal
2	698.804	-79.98	11.30	-68.68	-25.00	-43.68	Horizontal
3	958.714	-82.27	14.49	-67.78	-25.00	-42.78	Horizontal
4	569.969	-81.14	8.81	-72.33	-25.00	-47.33	Vertical
5	804.252	-81.37	11.36	-70.01	-25.00	-45.01	Vertical
6	938.714	-81.91	13.19	-68.72	-25.00	-43.72	Vertical
Highest Channel							
1	624.490	-81.08	9.80	-71.28	-25.00	-46.28	Horizontal
2	793.028	-79.60	11.90	-67.70	-25.00	-42.70	Horizontal
3	952.000	-81.18	14.62	-66.56	-25.00	-41.56	Horizontal
4	607.181	-80.60	8.26	-72.34	-25.00	-47.34	Vertical
5	703.731	-81.45	10.19	-71.26	-25.00	-46.26	Vertical
6	887.398	-80.51	12.56	-67.95	-25.00	-42.95	Vertical

LTE Band 41_ 20 MHz_ QPSK_ Above 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	7518.000	-63.98	12.64	-51.34	-25.00	-26.34	Horizontal
2	10024.000	-64.42	18.54	-45.88	-25.00	-20.88	Horizontal
3	7518.000	-59.55	12.64	-46.91	-25.00	-21.91	Vertica
4	10024.000	-66.58	18.54	-48.04	-25.00	-23.04	Vertical
Middle Channel							
1	5186.000	-65.21	10.66	-54.55	-25.00	-29.55	Horizontal
2	7779.000	-62.49	14.16	-48.33	-25.00	-23.33	Horizontal
3	5186.000	-63.72	10.66	-53.06	-25.00	-28.06	Vertica
4	7779.000	-61.34	14.16	-47.18	-25.00	-22.18	Vertical
Highest Channel							
1	5360.000	-65.19	11.27	-53.92	-25.00	-28.92	Horizontal
2	8040.000	-64.88	15.50	-49.38	-25.00	-24.38	Horizontal
3	5360.000	-65.42	11.27	-54.15	-25.00	-29.15	Vertica
4	8040.000	-63.65	15.50	-48.15	-25.00	-23.15	Vertical

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5.8.14 LTE Band 66

LTE Band 66_ 20 MHz_ QPSK_ Below 1G							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
Lowest Channel							
1	47.703	-73.17	1.57	-71.60	-13.00	-58.60	Horizontal
2	101.893	-77.10	2.97	-74.13	-13.00	-61.13	Horizontal
3	965.474	-81.89	22.62	-59.27	-13.00	-46.27	Horizontal
4	30.425	-80.63	9.63	-71.00	-13.00	-58.00	Vertical
5	392.738	-81.16	11.46	-69.70	-13.00	-56.70	Vertical
6	723.793	-79.89	16.77	-63.12	-13.00	-50.12	Vertical
Middle Channel							
1	47.703	-73.06	1.57	-71.49	-13.00	-58.49	Horizontal
2	104.064	-77.26	2.94	-74.32	-13.00	-61.32	Horizontal
3	739.214	-80.43	17.64	-62.79	-13.00	-49.79	Horizontal
4	43.845	-73.97	2.27	-71.70	-13.00	-58.70	Vertical
5	104.064	-77.26	2.94	-74.32	-13.00	-61.32	Vertical
6	856.760	-81.24	18.47	-62.77	-13.00	-49.77	Vertical
Highest Channel							
1	51.900	-72.35	0.56	-71.79	-13.00	-58.79	Horizontal
2	102.612	-77.98	2.96	-75.02	-13.00	-62.02	Horizontal
3	703.731	-81.44	18.06	-63.38	-13.00	-50.38	Horizontal
4	33.807	-81.06	7.46	-73.60	-13.00	-60.60	Vertical
5	272.525	-81.09	8.44	-72.65	-13.00	-59.65	Vertical
6	728.897	-81.39	16.68	-64.71	-13.00	-51.71	Vertical

LTE Band 66_ 20 MHz_ QPSK_ Above 1G							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
Lowest Channel							
1	6880.000	-46.94	18.39	-28.55	-13.00	-15.55	Horizontal
2	8600.000	-55.02	18.93	-36.09	-13.00	-23.09	Horizontal
3	6880.000	-44.23	18.53	-25.70	-13.00	-12.70	Vertical
4	8600.000	-52.81	19.01	-33.80	-13.00	-20.80	Vertical
Middle Channel							
1	3490.000	-58.53	14.04	-44.49	-13.00	-31.49	Horizontal
2	6980.000	-54.51	18.30	-36.21	-13.00	-23.21	Horizontal
3	3490.000	-58.73	13.92	-44.81	-13.00	-31.81	Vertical
4	6980.000	-51.44	18.40	-33.04	-13.00	-20.04	Vertical
Highest Channel							
1	5310.000	-63.02	16.19	-46.83	-13.00	-33.83	Horizontal
2	7080.000	-58.06	18.24	-39.82	-13.00	-26.82	Horizontal
3	5310.000	-57.72	16.61	-41.11	-13.00	-28.11	Vertical
4	7080.000	-48.78	18.34	-30.44	-13.00	-17.44	Vertical

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New change data:

LTE Band 66_ 20 MHz_ QPSK_ Below 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	550.290	-79.74	7.97	-71.77	-13.00	-58.77	Horizontal
2	669.952	-80.99	10.60	-70.39	-13.00	-57.39	Horizontal
3	972.283	-81.48	14.21	-67.27	-13.00	-54.27	Horizontal
4	723.793	-80.82	9.98	-70.84	-13.00	-57.84	Vertical
5	809.924	-80.25	11.49	-68.76	-13.00	-55.76	Vertical
6	899.958	-80.69	12.92	-67.77	-13.00	-54.77	Vertical
Middle Channel							
1	387.257	-79.25	5.33	-73.92	-13.00	-60.92	Horizontal
2	689.051	-80.61	11.08	-69.53	-13.00	-56.53	Horizontal
3	925.613	-81.03	13.82	-67.21	-13.00	-54.21	Horizontal
4	615.774	-79.96	8.34	-71.62	-13.00	-58.62	Vertical
5	744.427	-80.27	9.55	-70.72	-13.00	-57.72	Vertical
6	958.714	-81.01	13.20	-67.81	-13.00	-54.81	Vertical
Highest Channel							
1	598.707	-80.45	9.31	-71.14	-13.00	-58.14	Horizontal
2	781.961	-81.07	11.64	-69.43	-13.00	-56.43	Horizontal
3	958.714	-81.68	14.49	-67.19	-13.00	-54.19	Horizontal
4	578.036	-78.40	8.83	-69.57	-13.00	-56.57	Vertical
5	708.694	-81.23	10.14	-71.09	-13.00	-58.09	Vertical
6	992.997	-81.17	13.37	-67.80	-13.00	-54.80	Vertical

LTE Band 66_ 20 MHz_ QPSK_ Above 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	5160.000	-29.56	10.61	-18.95	-13.00	-5.95	Horizontal
2	6880.000	-50.49	12.66	-37.83	-13.00	-24.83	Horizontal
3	5160.000	-31.49	10.61	-20.88	-13.00	-7.88	Vertical
4	6880.000	-48.22	12.66	-35.56	-13.00	-22.56	Vertical
Middle Channel							
1	5235.000	-39.37	10.82	-28.55	-13.00	-15.55	Horizontal
2	8725.000	-57.88	16.66	-41.22	-13.00	-28.22	Horizontal
3	5235.000	-38.04	10.82	-27.22	-13.00	-14.22	Vertical
4	8725.000	-54.93	16.66	-38.27	-13.00	-25.27	Vertical
Highest Channel							
1	5310.000	-30.05	11.09	-18.96	-13.00	-5.96	Horizontal
2	8850.000	-53.86	16.98	-36.88	-13.00	-23.88	Horizontal
3	5310.000	-29.36	11.09	-18.27	-13.00	-5.27	Vertical
4	8850.000	-52.03	16.98	-35.05	-13.00	-22.05	Vertical

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5.8.15 LTE Band 71

LTE Band 71_ 20 MHz_ QPSK_ Below 1G							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
Lowest Channel							
1	33.570	-91.73	36.80	-54.93	-13.00	-41.93	Horizontal
2	159.759	-89.07	33.53	-55.54	-13.00	-42.54	Horizontal
3	611.462	-89.45	45.76	-43.69	-13.00	-30.69	Horizontal
4	35.762	-91.47	35.22	-56.25	-13.00	-43.25	Vertical
5	135.916	-88.50	31.58	-56.92	-13.00	-43.92	Vertical
6	478.139	-88.84	42.69	-46.15	-13.00	-33.15	Vertical
Middle Channel							
1	30.855	-92.87	38.21	-54.66	-13.00	-41.66	Horizontal
2	158.640	-90.48	33.43	-57.05	-13.00	-44.05	Horizontal
3	535.038	-89.36	44.00	-45.36	-13.00	-32.36	Horizontal
4	31.959	-91.92	37.68	-54.24	-13.00	-41.24	Vertical
5	186.468	-88.86	33.39	-55.47	-13.00	-42.47	Vertical
6	660.602	-87.79	44.73	-43.06	-13.00	-30.06	Vertical
Highest Channel							
1	30.425	-92.29	38.43	-53.86	-13.00	-40.86	Horizontal
2	162.020	-88.87	33.40	-55.47	-13.00	-42.47	Horizontal
3	602.929	-88.98	45.61	-43.37	-13.00	-30.37	Horizontal
4	38.908	-91.43	33.17	-58.26	-13.00	-45.26	Vertical
5	207.197	-89.09	34.04	-55.05	-13.00	-42.05	Vertical
6	546.437	-88.44	44.34	-44.10	-13.00	-31.10	Vertical

LTE Band 71_ 20 MHz_ QPSK_ Above 1G							
No.	Frequency (MHz)	SA Reading (dBm)	Correction factor (dB/m)	EIRP Result (dBm)	Limit (dBm)	Margin (dB)	Ant. Pol.
Lowest Channel							
1	1346.000	-52.19	3.39	-48.80	-13.00	-35.80	Horizontal
2	2019.000	-60.62	7.20	-53.42	-13.00	-40.42	Horizontal
3	1346.000	-54.58	2.70	-51.88	-13.00	-38.88	Vertical
4	2019.000	-63.20	6.70	-56.50	-13.00	-43.50	Vertical
Middle Channel							
1	1361.000	-52.30	3.39	-48.91	-13.00	-35.91	Horizontal
2	2041.500	-59.33	7.30	-52.03	-13.00	-39.03	Horizontal
3	1361.000	-51.38	2.68	-48.70	-13.00	-35.70	Vertical
4	2041.500	-59.94	6.81	-53.13	-13.00	-40.13	Vertical
Highest Channel							
1	1381.000	-55.32	3.40	-51.92	-13.00	-38.92	Horizontal
2	2071.500	-61.70	7.44	-54.26	-13.00	-41.26	Horizontal
3	1381.000	-50.45	2.66	-47.79	-13.00	-34.79	Vertical
4	2071.500	-61.91	6.95	-54.96	-13.00	-41.96	Vertical

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New change data:

LTE Band 71_ 20 MHz_ QPSK_ Below 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	424.300	-88.41	34.93	-53.48	-13.00	-40.48	Horizontal
2	523.876	-88.57	37.44	-51.13	-13.00	-38.13	Horizontal
3	655.977	-88.11	39.53	-48.58	-13.00	-35.58	Horizontal
4	334.126	-87.53	32.11	-55.42	-13.00	-42.42	Vertical
5	436.396	-88.58	35.31	-53.27	-13.00	-40.27	Vertical
6	554.171	-87.90	37.93	-49.97	-13.00	-36.97	Vertical
Middle Channel							
1	409.651	-88.01	35.02	-52.99	-13.00	-39.99	Horizontal
2	478.139	-87.32	36.12	-51.20	-13.00	-38.20	Horizontal
3	651.383	-86.91	39.35	-47.56	-13.00	-34.56	Horizontal
4	458.399	-88.13	35.44	-52.69	-13.00	-39.69	Vertical
5	569.969	-87.97	38.29	-49.68	-13.00	-36.68	Vertical
6	628.894	-87.84	37.85	-49.99	-13.00	-36.99	Vertical
Highest Channel							
1	358.450	-88.16	33.12	-55.04	-13.00	-42.04	Horizontal
2	436.396	-88.54	35.08	-53.46	-13.00	-40.46	Horizontal
3	624.490	-87.51	39.26	-48.25	-13.00	-35.25	Horizontal
4	427.292	-88.63	35.47	-53.16	-13.00	-40.16	Vertical
5	531.291	-87.27	37.51	-49.76	-13.00	-36.76	Vertical
6	651.383	-86.76	37.73	-49.03	-13.00	-36.03	Vertical

LTE Band 71_ 20 MHz_ QPSK_ Above 1G							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	1346.000	-61.93	-1.47	-63.40	-13.00	-50.40	Horizontal
2	2019.000	-64.39	2.80	-61.59	-13.00	-48.59	Horizontal
3	1346.000	-62.14	-1.47	-63.61	-13.00	-50.61	Vertical
4	2019.000	-64.21	2.80	-61.41	-13.00	-48.41	Vertical
Middle Channel							
1	1361.000	-61.86	-1.49	-63.35	-13.00	-50.35	Horizontal
2	2041.500	-63.64	2.82	-60.82	-13.00	-47.82	Horizontal
3	1361.000	-61.19	-1.49	-62.68	-13.00	-49.68	Vertical
4	2041.500	-64.46	2.82	-61.64	-13.00	-48.64	Vertical
Highest Channel							
1	1381.000	-63.43	-1.54	-64.97	-13.00	-51.97	Horizontal
2	2071.500	-66.77	2.85	-63.92	-13.00	-50.92	Horizontal
3	1381.000	-62.75	-1.54	-64.29	-13.00	-51.29	Vertical
4	2071.500	-65.24	2.85	-62.39	-13.00	-49.39	Vertical

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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



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 or CMU 200 with Frequency Error measurement capability.
 - a) Temp. = -30° to $+50^{\circ}\text{C}$
 - b) Voltage = low voltage, 3.5 Vdc, Normal, 3.8 Vdc and High voltage, 4.2 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 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

5.9.1 LTE Band 2

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	22	0.0117	N/A	Pass
		VN		26	0.0138		Pass
		VH		19	0.0101		Pass
		VN	50	17	0.0090		Pass
			40	30	0.0160		Pass
			30	31	0.0165		Pass
			20	25	0.0133		Pass
			10	32	0.0170		Pass
			0	24	0.0128		Pass
			-10	31	0.0165		Pass
			-20	25	0.0133		Pass
			-30	26	0.0138		Pass

5.9.2 LTE Band 4

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
LTE Band 4 / 20MHz / Full RB							
QPSK	20175 / 1732.5	VL	TN	25	0.0144	N/A	Pass
		VN		25	0.0144		Pass
		VH		19	0.0110		Pass
		VN	50	26	0.0150		Pass
			40	21	0.0121		Pass
			30	25	0.0144		Pass
			20	18	0.0104		Pass
			10	22	0.0127		Pass
			0	25	0.0144		Pass
			-10	25	0.0144		Pass
			-20	28	0.0162		Pass
			-30	25	0.0144		Pass

5.9.3 LTE Band 5

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
LTE Band 5 / 10MHz / Full RB							
QPSK	20525 / 836.5	VL	TN	16	0.0191	± 2.5	Pass
		VN		18	0.0215	± 2.5	Pass
		VH		19	0.0227	± 2.5	Pass
		VN	50	27	0.0323	± 2.5	Pass
			40	24	0.0287	± 2.5	Pass
			30	19	0.0227	± 2.5	Pass
			20	27	0.0323	± 2.5	Pass
			10	24	0.0287	± 2.5	Pass
			0	17	0.0203	± 2.5	Pass
			-10	23	0.0275	± 2.5	Pass
			-20	21	0.0251	± 2.5	Pass
			-30	19	0.0227	± 2.5	Pass

5.9.4 LTE Band 7

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Result
	(MHz)	(Vdc)	(℃)	(Hz)	(ppm)	(ppm)	
LTE Band 7 / 20MHz / Full RB							
QPSK	21100 / 2535	VL	TN	-23	-0.0091	N/A	Pass
		VN		-25	-0.0099		Pass
		VH		-27	-0.0107		Pass
		VN	50	-33	-0.0130		Pass
			40	-24	-0.0095		Pass
			30	-33	-0.0130		Pass
			20	-38	-0.0150		Pass
			10	-33	-0.0130		Pass
			0	-25	-0.0099		Pass
			-10	-28	-0.0110		Pass
			-20	-25	-0.0099		Pass
			-30	-28	-0.0110		Pass

5.9.5 LTE Band 12

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Result
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 12 / 10MHz / Full RB							
QPSK	23095 / 707.5	VL	TN	19	0.0269	N/A	Pass
		VN		18	0.0254		Pass
		VH		24	0.0339		Pass
		VN	50	27	0.0382		Pass
			40	27	0.0382		Pass
			30	26	0.0367		Pass
			20	25	0.0353		Pass
			10	23	0.0325		Pass
			0	18	0.0254		Pass
			-10	22	0.0311		Pass
			-20	17	0.0240		Pass
			-30	23	0.0325		Pass

5.9.6 LTE Band 17

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
LTE Band 17 / 10MHz / Full RB							
QPSK	23790 / 710	VL	TN	17	0.0217	N/A	Pass
		VN		26	0.0332		Pass
		VH		24	0.0307		Pass
		VN	50	19	0.0243		Pass
			40	28	0.0358		Pass
			30	27	0.0345		Pass
			20	33	0.0422		Pass
			10	24	0.0307		Pass
			0	18	0.0230		Pass
			-10	29	0.0371		Pass
			-20	27	0.0345		Pass
			-30	26	0.0332		Pass

5.9.7 LTE Band 25

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
LTE Band 25 / 20MHz / Full RB							
QPSK	26340 / 1880.0	VL	TN	-25	-0.0133	N/A	Pass
		VN		-31	-0.0165		Pass
		VH		-27	-0.0144		Pass
		VN	50	-29	-0.0154		Pass
			40	-31	-0.0165		Pass
			30	-27	-0.0144		Pass
			20	-29	-0.0154		Pass
			10	-25	-0.0133		Pass
			0	-23	-0.0122		Pass
			-10	-29	-0.0154		Pass
			-20	-31	-0.0165		Pass
			-30	-26	-0.0138		Pass

5.9.8 LTE Band 26

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Result
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 26 / 15MHz / Full RB							
QPSK	26915 / 836.5	VL	TN	23	0.0275	± 2.5	Pass
		VN		25	0.0299	± 2.5	Pass
		VH		17	0.0203	± 2.5	Pass
		VN	50	31	0.0371	± 2.5	Pass
			40	25	0.0299	± 2.5	Pass
			30	22	0.0263	± 2.5	Pass
			20	25	0.0299	± 2.5	Pass
			10	23	0.0275	± 2.5	Pass
			0	31	0.0371	± 2.5	Pass
			-10	32	0.0383	± 2.5	Pass
			-20	19	0.0227	± 2.5	Pass
			-30	25	0.0299	± 2.5	Pass

5.9.9 LTE Band 26 (Part 90S)

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Result
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 26 / 10MHz / Full RB							
QPSK	26740 / 819	VL	TN	19	0.0232	± 2.5	Pass
		VN		24	0.0293	± 2.5	Pass
		VH		25	0.0305	± 2.5	Pass
		VN	50	17	0.0208	± 2.5	Pass
			40	22	0.0269	± 2.5	Pass
			30	18	0.0220	± 2.5	Pass
			20	25	0.0305	± 2.5	Pass
			10	17	0.0208	± 2.5	Pass
			0	25	0.0305	± 2.5	Pass
			-10	17	0.0208	± 2.5	Pass
			-20	22	0.0269	± 2.5	Pass
			-30	18	0.0220	± 2.5	Pass

5.9.10 LTE Band 30

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Result
	(MHz)	(Vdc)	(℃)	(Hz)	(ppm)	(ppm)	
LTE Band 30 / 20MHz / Full RB							
QPSK	38000 /2595	VL	TN	19	0.0073	N/A	Pass
		VN		25	0.0096		Pass
		VH		23	0.0089		Pass
		VN	50	31	0.0119		Pass
			40	26	0.0100		Pass
			30	25	0.0096		Pass
			20	24	0.0092		Pass
			10	23	0.0089		Pass
			0	26	0.0100		Pass
			-10	23	0.0089		Pass
			-20	27	0.0104		Pass
			-30	19	0.0073		Pass

5.9.11 LTE Band 41

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Result
	(MHz)	(Vdc)	(℃)	(Hz)	(ppm)	(ppm)	
LTE Band 41 / 20MHz / Full RB							
QPSK	40620 / 2593	VL	TN	24	0.0093	N/A	Pass
		VN		25	0.0096		Pass
		VH		26	0.0100		Pass
		VN	50	26	0.0100		Pass
			40	33	0.0127		Pass
			30	27	0.0104		Pass
			20	31	0.0120		Pass
			10	26	0.0100		Pass
			0	26	0.0100		Pass
			-10	28	0.0108		Pass
			-20	27	0.0104		Pass
			-30	24	0.0093		Pass

5.9.12 LTE Band 66

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Result
	(MHz)	(Vdc)	(℃)	(Hz)	(ppm)	(ppm)	
LTE Band 66 / 20MHz / Full RB							
QPSK	132322 / 1745	VL	TN	25	0.0143	N/A	Pass
		VN		24	0.0138		Pass
		VH		33	0.0189		Pass
		VN	50	26	0.0149		Pass
			40	31	0.0178		Pass
			30	33	0.0189		Pass
			20	33	0.0189		Pass
			10	28	0.0160		Pass
			0	31	0.0178		Pass
			-10	26	0.0149		Pass
			-20	25	0.0143		Pass
			-30	29	0.0166		Pass

5.9.13 LTE Band 71

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Result
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 71 / 20MHz / Full RB							
QPSK	133322 / 683	VL	TN	-29	-0.0425	N/A	Pass
		VN		-26	-0.0381		Pass
		VH		-23	-0.0337		Pass
		VN	50	-31	-0.0454		Pass
			40	-26	-0.0381		Pass
			30	-24	-0.0351		Pass
			20	-23	-0.0337		Pass
			10	-27	-0.0395		Pass
			0	-31	-0.0454		Pass
			-10	-26	-0.0381		Pass
			-20	-28	-0.0410		Pass
			-30	-31	-0.0454		Pass

APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

*** End of Report ***

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