

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B2_1.4MHz_EIRP

Band: 2 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1850.7	1	0	23.65	3.13	26.78	<=33.01	Pass
			2	23.44	3.13	26.57	<=33.01	Pass
			5	23.38	3.13	26.51	<=33.01	Pass
		3	0	23.58	3.13	26.71	<=33.01	Pass
			2	23.55	3.13	26.68	<=33.01	Pass
			3	23.58	3.13	26.71	<=33.01	Pass
		6	0	22.38	3.13	25.51	<=33.01	Pass
	1880	1	0	23.41	3.13	26.54	<=33.01	Pass
			2	23.45	3.13	26.58	<=33.01	Pass
			5	23.40	3.13	26.53	<=33.01	Pass
		3	0	23.66	3.13	26.79	<=33.01	Pass
			2	23.64	3.13	26.77	<=33.01	Pass
			3	23.58	3.13	26.71	<=33.01	Pass
		6	0	22.45	3.13	25.58	<=33.01	Pass
	1909.3	1	0	23.35	3.13	26.48	<=33.01	Pass
			2	23.43	3.13	26.56	<=33.01	Pass
			5	23.36	3.13	26.49	<=33.01	Pass
		3	0	23.52	3.13	26.65	<=33.01	Pass
			2	23.51	3.13	26.64	<=33.01	Pass
			3	23.57	3.13	26.70	<=33.01	Pass
		6	0	22.45	3.13	25.58	<=33.01	Pass
16QAM	1850.7	1	0	22.62	3.13	25.75	<=33.01	Pass
			2	22.68	3.13	25.81	<=33.01	Pass
			5	22.58	3.13	25.71	<=33.01	Pass
		3	0	22.60	3.13	25.73	<=33.01	Pass
			2	22.67	3.13	25.80	<=33.01	Pass
			3	22.63	3.13	25.76	<=33.01	Pass
		6	0	21.46	3.13	24.59	<=33.01	Pass
	1880	1	0	22.53	3.13	25.66	<=33.01	Pass
			2	22.55	3.13	25.68	<=33.01	Pass
			5	22.54	3.13	25.67	<=33.01	Pass
		3	0	22.83	3.13	25.96	<=33.01	Pass
			2	22.79	3.13	25.92	<=33.01	Pass
			3	22.74	3.13	25.87	<=33.01	Pass
		6	0	21.46	3.13	24.59	<=33.01	Pass
	1909.3	1	0	22.66	3.13	25.79	<=33.01	Pass
			2	22.73	3.13	25.86	<=33.01	Pass
			5	22.66	3.13	25.79	<=33.01	Pass
		3	0	22.57	3.13	25.70	<=33.01	Pass
			2	22.69	3.13	25.82	<=33.01	Pass
			3	22.63	3.13	25.76	<=33.01	Pass
		6	0	21.66	3.13	24.79	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B2_3MHz_EIRP

Band: 2 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1851.5	1	0	23.40	3.13	26.53	<=33.01	Pass	
			7	23.52	3.13	26.65	<=33.01	Pass	
			14	23.33	3.13	26.46	<=33.01	Pass	
		8	0	22.47	3.13	25.60	<=33.01	Pass	
			4	22.47	3.13	25.60	<=33.01	Pass	
			7	22.41	3.13	25.54	<=33.01	Pass	
		15	0	22.48	3.13	25.61	<=33.01	Pass	
		1880	1	0	23.50	3.13	26.63	<=33.01	Pass
				7	23.60	3.13	26.73	<=33.01	Pass
	14			23.44	3.13	26.57	<=33.01	Pass	
	8		0	22.55	3.13	25.68	<=33.01	Pass	
			4	22.58	3.13	25.71	<=33.01	Pass	
			7	22.54	3.13	25.67	<=33.01	Pass	
	15	0	22.58	3.13	25.71	<=33.01	Pass		
	1908.5	1	0	23.81	3.13	26.94	<=33.01	Pass	
			7	23.67	3.13	26.80	<=33.01	Pass	
			14	23.65	3.13	26.78	<=33.01	Pass	
		8	0	22.78	3.13	25.91	<=33.01	Pass	
			4	22.79	3.13	25.92	<=33.01	Pass	
			7	22.72	3.13	25.85	<=33.01	Pass	
		15	0	22.79	3.13	25.92	<=33.01	Pass	
16QAM		1851.5	1	0	22.65	3.13	25.78	<=33.01	Pass
				7	22.77	3.13	25.90	<=33.01	Pass
	14			22.59	3.13	25.72	<=33.01	Pass	
	8		0	21.51	3.13	24.64	<=33.01	Pass	
			4	21.55	3.13	24.68	<=33.01	Pass	
			7	21.48	3.13	24.61	<=33.01	Pass	
	15		0	21.55	3.13	24.68	<=33.01	Pass	
	1880	1	0	23.14	3.13	26.27	<=33.01	Pass	
			7	23.26	3.13	26.39	<=33.01	Pass	
			14	23.13	3.13	26.26	<=33.01	Pass	
		8	0	21.81	3.13	24.94	<=33.01	Pass	
			4	21.83	3.13	24.96	<=33.01	Pass	
			7	21.81	3.13	24.94	<=33.01	Pass	
	15	0	21.74	3.13	24.87	<=33.01	Pass		
	1908.5	1	0	22.91	3.13	26.04	<=33.01	Pass	
			7	23.09	3.13	26.22	<=33.01	Pass	
			14	22.92	3.13	26.05	<=33.01	Pass	
		8	0	21.87	3.13	25.00	<=33.01	Pass	
			4	21.91	3.13	25.04	<=33.01	Pass	
			7	21.87	3.13	25.00	<=33.01	Pass	
		15	0	21.90	3.13	25.03	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.3 B2_5MHz_EIRP

Band: 2 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	23.45	3.13	26.58	<=33.01	Pass
			13	23.46	3.13	26.59	<=33.01	Pass
			24	23.29	3.13	26.42	<=33.01	Pass
		12	0	22.50	3.13	25.63	<=33.01	Pass
			6	22.50	3.13	25.63	<=33.01	Pass
			13	22.40	3.13	25.53	<=33.01	Pass

	1880	25	0	22.45	3.13	25.58	<=33.01	Pass	
		1	0	23.51	3.13	26.64	<=33.01	Pass	
			13	23.71	3.13	26.84	<=33.01	Pass	
			24	23.60	3.13	26.73	<=33.01	Pass	
			0	22.73	3.13	25.86	<=33.01	Pass	
		12	6	22.73	3.13	25.86	<=33.01	Pass	
			13	22.70	3.13	25.83	<=33.01	Pass	
			25	0	22.74	3.13	25.87	<=33.01	Pass
		1907.5	1	0	24.05	3.13	27.18	<=33.01	Pass
				13	23.93	3.13	27.06	<=33.01	Pass
	24			23.81	3.13	26.94	<=33.01	Pass	
	12		0	23.00	3.13	26.13	<=33.01	Pass	
			6	23.10	3.13	26.23	<=33.01	Pass	
			13	23.05	3.13	26.18	<=33.01	Pass	
	25		0	23.08	3.13	26.21	<=33.01	Pass	
16QAM	1852.5	1	0	22.38	3.13	25.51	<=33.01	Pass	
			13	22.40	3.13	25.53	<=33.01	Pass	
			24	22.28	3.13	25.41	<=33.01	Pass	
		12	0	21.55	3.13	24.68	<=33.01	Pass	
			6	21.55	3.13	24.68	<=33.01	Pass	
			13	21.47	3.13	24.60	<=33.01	Pass	
		25	0	21.54	3.13	24.67	<=33.01	Pass	
	1880	1	0	22.94	3.13	26.07	<=33.01	Pass	
			13	23.03	3.13	26.16	<=33.01	Pass	
			24	22.96	3.13	26.09	<=33.01	Pass	
		12	0	21.86	3.13	24.99	<=33.01	Pass	
			6	21.87	3.13	25.00	<=33.01	Pass	
			13	21.84	3.13	24.97	<=33.01	Pass	
		25	0	21.78	3.13	24.91	<=33.01	Pass	
	1907.5	1	0	23.13	3.13	26.26	<=33.01	Pass	
			13	23.13	3.13	26.26	<=33.01	Pass	
			24	23.03	3.13	26.16	<=33.01	Pass	
		12	0	22.16	3.13	25.29	<=33.01	Pass	
			6	22.15	3.13	25.28	<=33.01	Pass	
			13	22.06	3.13	25.19	<=33.01	Pass	
		25	0	22.13	3.13	25.26	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	23.35	3.13	26.48	<=33.01	Pass
			25	23.17	3.13	26.30	<=33.01	Pass
			49	22.94	3.13	26.07	<=33.01	Pass
		25	0	22.41	3.13	25.54	<=33.01	Pass
			13	22.39	3.13	25.52	<=33.01	Pass
			25	22.22	3.13	25.35	<=33.01	Pass
		50	0	22.57	3.13	25.70	<=33.01	Pass
	1880	1	0	23.50	3.13	26.63	<=33.01	Pass
			25	23.51	3.13	26.64	<=33.01	Pass
			49	23.47	3.13	26.60	<=33.01	Pass
		25	0	22.63	3.13	25.76	<=33.01	Pass
			13	22.66	3.13	25.79	<=33.01	Pass
			25	22.66	3.13	25.79	<=33.01	Pass
		50	0	22.67	3.13	25.80	<=33.01	Pass

	1905	1	0	23.88	3.13	27.01	<=33.01	Pass		
			25	23.68	3.13	26.81	<=33.01	Pass		
			49	23.67	3.13	26.80	<=33.01	Pass		
		25	0	22.84	3.13	25.97	<=33.01	Pass		
			13	22.65	3.13	25.78	<=33.01	Pass		
			25	22.55	3.13	25.68	<=33.01	Pass		
		50	0	22.67	3.13	25.80	<=33.01	Pass		
		16QAM	1855	1	0	22.84	3.13	25.97	<=33.01	Pass
					25	22.51	3.13	25.64	<=33.01	Pass
49	22.29				3.13	25.42	<=33.01	Pass		
25	0			21.58	3.13	24.71	<=33.01	Pass		
	13			21.52	3.13	24.65	<=33.01	Pass		
	25			21.36	3.13	24.49	<=33.01	Pass		
50	0			21.47	3.13	24.60	<=33.01	Pass		
1880	1			0	23.16	3.13	26.29	<=33.01	Pass	
				25	23.18	3.13	26.31	<=33.01	Pass	
			49	23.14	3.13	26.27	<=33.01	Pass		
	25		0	21.78	3.13	24.91	<=33.01	Pass		
			13	21.80	3.13	24.93	<=33.01	Pass		
			25	21.76	3.13	24.89	<=33.01	Pass		
	50		0	21.73	3.13	24.86	<=33.01	Pass		
	1905		1	0	23.01	3.13	26.14	<=33.01	Pass	
				25	22.78	3.13	25.91	<=33.01	Pass	
49				22.63	3.13	25.76	<=33.01	Pass		
25			0	21.86	3.13	24.99	<=33.01	Pass		
			13	21.78	3.13	24.91	<=33.01	Pass		
			25	21.68	3.13	24.81	<=33.01	Pass		
50			0	21.74	3.13	24.87	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.5 B2_15MHz_EIRP

Band: 2 / Bandwidth: 15MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	23.43	3.13	26.56	<=33.01	Pass
			38	23.08	3.13	26.21	<=33.01	Pass
			74	22.89	3.13	26.02	<=33.01	Pass
		36	0	22.37	3.13	25.50	<=33.01	Pass
			18	22.22	3.13	25.35	<=33.01	Pass
			39	22.06	3.13	25.19	<=33.01	Pass
		75	0	22.23	3.13	25.36	<=33.01	Pass
	1880	1	0	23.47	3.13	26.60	<=33.01	Pass
			38	23.49	3.13	26.62	<=33.01	Pass
			74	23.54	3.13	26.67	<=33.01	Pass
		36	0	22.61	3.13	25.74	<=33.01	Pass
			18	22.65	3.13	25.78	<=33.01	Pass
			39	22.60	3.13	25.73	<=33.01	Pass
		75	0	22.60	3.13	25.73	<=33.01	Pass
	1902.5	1	0	23.93	3.13	27.06	<=33.01	Pass
			38	23.76	3.13	26.89	<=33.01	Pass
			74	23.49	3.13	26.62	<=33.01	Pass
		36	0	23.02	3.13	26.15	<=33.01	Pass
			18	22.90	3.13	26.03	<=33.01	Pass
			39	22.87	3.13	26.00	<=33.01	Pass
		75	0	22.98	3.13	26.11	<=33.01	Pass
16QAM	1857.5	1	0	23.12	3.13	26.25	<=33.01	Pass

			38	22.81	3.13	25.94	<=33.01	Pass
			74	22.56	3.13	25.69	<=33.01	Pass
		36	0	21.48	3.13	24.61	<=33.01	Pass
			18	21.32	3.13	24.45	<=33.01	Pass
			39	21.25	3.13	24.38	<=33.01	Pass
			75	0	21.36	3.13	24.49	<=33.01
	1880	1	0	23.16	3.13	26.29	<=33.01	Pass
			38	23.19	3.13	26.32	<=33.01	Pass
			74	23.25	3.13	26.38	<=33.01	Pass
		36	0	21.72	3.13	24.85	<=33.01	Pass
			18	21.75	3.13	24.88	<=33.01	Pass
			39	21.69	3.13	24.82	<=33.01	Pass
	75	0	21.69	3.13	24.82	<=33.01	Pass	
	1902.5	1	0	23.45	3.13	26.58	<=33.01	Pass
			38	22.98	3.13	26.11	<=33.01	Pass
			74	22.69	3.13	25.82	<=33.01	Pass
		36	0	21.99	3.13	25.12	<=33.01	Pass
			18	21.94	3.13	25.07	<=33.01	Pass
			39	21.71	3.13	24.84	<=33.01	Pass
	75	0	21.88	3.13	25.01	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	23.50	3.13	26.63	<=33.01	Pass
			50	23.11	3.13	26.24	<=33.01	Pass
			99	23.23	3.13	26.36	<=33.01	Pass
		50	0	22.45	3.13	25.58	<=33.01	Pass
			25	22.29	3.13	25.42	<=33.01	Pass
			50	22.16	3.13	25.29	<=33.01	Pass
		100	0	22.35	3.13	25.48	<=33.01	Pass
	1880	1	0	23.33	3.13	26.46	<=33.01	Pass
			50	23.49	3.13	26.62	<=33.01	Pass
			99	23.67	3.13	26.80	<=33.01	Pass
		50	0	22.61	3.13	25.74	<=33.01	Pass
			25	22.66	3.13	25.79	<=33.01	Pass
			50	22.66	3.13	25.79	<=33.01	Pass
		100	0	22.63	3.13	25.76	<=33.01	Pass
	1900	1	0	23.96	3.13	27.09	<=33.01	Pass
			50	24.00	3.13	27.13	<=33.01	Pass
			99	23.64	3.13	26.77	<=33.01	Pass
		50	0	23.25	3.13	26.38	<=33.01	Pass
			25	23.11	3.13	26.24	<=33.01	Pass
			50	22.92	3.13	26.05	<=33.01	Pass
		100	0	23.12	3.13	26.25	<=33.01	Pass
16QAM	1860	1	0	22.82	3.13	25.95	<=33.01	Pass
			50	22.36	3.13	25.49	<=33.01	Pass
			99	22.53	3.13	25.66	<=33.01	Pass
		50	0	21.57	3.13	24.70	<=33.01	Pass
			25	21.37	3.13	24.50	<=33.01	Pass
			50	21.26	3.13	24.39	<=33.01	Pass
		100	0	21.40	3.13	24.53	<=33.01	Pass
	1880	1	0	22.66	3.13	25.79	<=33.01	Pass
			50	22.84	3.13	25.97	<=33.01	Pass

			99	23.36	3.13	26.49	<=33.01	Pass	
		50	0	21.65	3.13	24.78	<=33.01	Pass	
			25	21.77	3.13	24.90	<=33.01	Pass	
			50	21.74	3.13	24.87	<=33.01	Pass	
		100	0	21.75	3.13	24.88	<=33.01	Pass	
	1900	1	0	23.28	3.13	26.41	<=33.01	Pass	
			50	23.28	3.13	26.41	<=33.01	Pass	
			99	22.92	3.13	26.05	<=33.01	Pass	
		50	0	22.37	3.13	25.50	<=33.01	Pass	
			25	22.24	3.13	25.37	<=33.01	Pass	
			50	21.97	3.13	25.10	<=33.01	Pass	
		100	0	22.30	3.13	25.43	<=33.01	Pass	
		Note1: EIRP=Conducted Power+Antenna Gain							

2. Field Strength of Spurious Radiation

LTE Band 2-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3702.0	-57.02	-13	-44.02	-61.88	3.58	8.44	Horizontal	Pass
5553.0	-62.51	-13	-49.51	-68.22	4.74	10.45	Horizontal	Pass
7404.0	-60.55	-13	-47.55	-67.23	4.94	11.62	Horizontal	Pass
3702.0	-53.62	-13	-40.62	-58.48	3.58	8.44	Vertical	Pass
5553.0	-62.1	-13	-49.1	-67.81	4.74	10.45	Vertical	Pass
7404.0	-60.22	-13	-47.22	-66.9	4.94	11.62	Vertical	Pass

LTE Band 2-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3742.0	-58.56	-13	-45.56	-63.44	3.61	8.49	Horizontal	Pass
5613.0	-62.49	-13	-49.49	-68.2	4.74	10.45	Horizontal	Pass
7484.0	-60.2	-13	-47.2	-66.98	4.94	11.72	Horizontal	Pass
3742.0	-50.09	-13	-37.09	-54.97	3.61	8.49	Vertical	Pass
5613.0	-61.6	-13	-48.6	-67.31	4.74	10.45	Vertical	Pass
7484.0	-60.17	-13	-47.17	-66.95	4.94	11.72	Vertical	Pass

LTE Band 2-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3782.0	-56.56	-13	-43.56	-61.46	3.65	8.55	Horizontal	Pass
5673.0	-62.17	-13	-49.17	-67.87	4.75	10.45	Horizontal	Pass
7564.0	-59.72	-13	-46.72	-66.59	4.95	11.82	Horizontal	Pass
3782.0	-50.48	-13	-37.48	-55.38	3.65	8.55	Vertical	Pass
5673.0	-61.76	-13	-48.76	-67.46	4.75	10.45	Vertical	Pass
7564.0	-59.59	-13	-46.59	-66.46	4.95	11.82	Vertical	Pass