

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26b_1.4MHz_ERP

Band: 26b / Bandwidth: 1.4MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.58	1.42	22.85	<=38.45	Pass
			2	23.65	1.42	22.92	<=38.45	Pass
			5	23.63	1.42	22.90	<=38.45	Pass
		3	0	23.66	1.42	22.93	<=38.45	Pass
			2	23.69	1.42	22.96	<=38.45	Pass
			3	23.64	1.42	22.91	<=38.45	Pass
		6	0	22.59	1.42	21.86	<=38.45	Pass
	836.5	1	0	23.53	1.42	22.80	<=38.45	Pass
			2	23.58	1.42	22.85	<=38.45	Pass
			5	23.50	1.42	22.77	<=38.45	Pass
		3	0	23.54	1.42	22.81	<=38.45	Pass
			2	23.60	1.42	22.87	<=38.45	Pass
			3	23.64	1.42	22.91	<=38.45	Pass
		6	0	22.59	1.42	21.86	<=38.45	Pass
	848.3	1	0	23.37	1.42	22.64	<=38.45	Pass
			2	23.43	1.42	22.70	<=38.45	Pass
			5	23.36	1.42	22.63	<=38.45	Pass
		3	0	23.36	1.42	22.63	<=38.45	Pass
			2	23.43	1.42	22.70	<=38.45	Pass
			3	23.37	1.42	22.64	<=38.45	Pass
		6	0	22.42	1.42	21.69	<=38.45	Pass
16QAM	824.7	1	0	22.58	1.42	21.85	<=38.45	Pass
			2	22.79	1.42	22.06	<=38.45	Pass
			5	22.62	1.42	21.89	<=38.45	Pass
		3	0	22.81	1.42	22.08	<=38.45	Pass
			2	22.80	1.42	22.07	<=38.45	Pass
			3	22.66	1.42	21.93	<=38.45	Pass
		6	0	21.59	1.42	20.86	<=38.45	Pass
	836.5	1	0	22.56	1.42	21.83	<=38.45	Pass
			2	22.58	1.42	21.85	<=38.45	Pass
			5	22.66	1.42	21.93	<=38.45	Pass
		3	0	22.63	1.42	21.90	<=38.45	Pass
			2	22.68	1.42	21.95	<=38.45	Pass
			3	22.50	1.42	21.77	<=38.45	Pass
		6	0	21.58	1.42	20.85	<=38.45	Pass
	848.3	1	0	22.34	1.42	21.61	<=38.45	Pass
			2	22.44	1.42	21.71	<=38.45	Pass
			5	22.33	1.42	21.60	<=38.45	Pass
		3	0	22.33	1.42	21.60	<=38.45	Pass
			2	22.47	1.42	21.74	<=38.45	Pass
			3	22.36	1.42	21.63	<=38.45	Pass
		6	0	21.42	1.42	20.69	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B26b_3MHz_ERP

Band: 26b / Bandwidth: 3MHz / NTN

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	825.5	1	0	23.48	1.42	22.75	<=38.45	Pass	
			7	23.55	1.42	22.82	<=38.45	Pass	
			14	23.40	1.42	22.67	<=38.45	Pass	
		8	0	22.48	1.42	21.75	<=38.45	Pass	
			4	22.49	1.42	21.76	<=38.45	Pass	
			7	22.44	1.42	21.71	<=38.45	Pass	
		15	0	22.49	1.42	21.76	<=38.45	Pass	
		836.5	1	0	23.42	1.42	22.69	<=38.45	Pass
				7	23.49	1.42	22.76	<=38.45	Pass
	14			23.44	1.42	22.71	<=38.45	Pass	
	8		0	22.46	1.42	21.73	<=38.45	Pass	
			4	22.48	1.42	21.75	<=38.45	Pass	
			7	22.47	1.42	21.74	<=38.45	Pass	
	15	0	22.47	1.42	21.74	<=38.45	Pass		
	847.5	1	0	23.50	1.42	22.77	<=38.45	Pass	
			7	23.53	1.42	22.80	<=38.45	Pass	
			14	23.44	1.42	22.71	<=38.45	Pass	
		8	0	22.51	1.42	21.78	<=38.45	Pass	
			4	22.55	1.42	21.82	<=38.45	Pass	
			7	22.54	1.42	21.81	<=38.45	Pass	
		15	0	22.53	1.42	21.80	<=38.45	Pass	
16QAM		825.5	1	0	22.51	1.42	21.78	<=38.45	Pass
				7	23.10	1.42	22.37	<=38.45	Pass
	14			22.58	1.42	21.85	<=38.45	Pass	
	8		0	21.56	1.42	20.83	<=38.45	Pass	
			4	21.70	1.42	20.97	<=38.45	Pass	
			7	21.47	1.42	20.74	<=38.45	Pass	
	15	0	21.57	1.42	20.84	<=38.45	Pass		
	836.5	1	0	22.61	1.42	21.88	<=38.45	Pass	
			7	22.57	1.42	21.84	<=38.45	Pass	
			14	22.94	1.42	22.21	<=38.45	Pass	
		8	0	21.47	1.42	20.74	<=38.45	Pass	
			4	21.57	1.42	20.84	<=38.45	Pass	
			7	21.63	1.42	20.90	<=38.45	Pass	
	15	0	21.49	1.42	20.76	<=38.45	Pass		
	847.5	1	0	22.99	1.42	22.26	<=38.45	Pass	
			7	22.69	1.42	21.96	<=38.45	Pass	
			14	22.47	1.42	21.74	<=38.45	Pass	
		8	0	21.68	1.42	20.95	<=38.45	Pass	
			4	21.53	1.42	20.80	<=38.45	Pass	
			7	21.57	1.42	20.84	<=38.45	Pass	
		15	0	21.61	1.42	20.88	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.3 B26b_5MHz_ERP

Band: 26b / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	23.49	1.42	22.76	<=38.45	Pass
			13	23.54	1.42	22.81	<=38.45	Pass
			24	23.55	1.42	22.82	<=38.45	Pass
		12	0	22.50	1.42	21.77	<=38.45	Pass
			6	22.53	1.42	21.80	<=38.45	Pass
			13	22.59	1.42	21.86	<=38.45	Pass

		25	0	22.63	1.42	21.90	<=38.45	Pass
	836.5	1	0	23.50	1.42	22.77	<=38.45	Pass
			13	23.50	1.42	22.77	<=38.45	Pass
			24	23.41	1.42	22.68	<=38.45	Pass
			0	22.50	1.42	21.77	<=38.45	Pass
		12	6	22.52	1.42	21.79	<=38.45	Pass
			13	22.47	1.42	21.74	<=38.45	Pass
			25	0	22.51	1.42	21.78	<=38.45
	846.5	1	0	23.49	1.42	22.76	<=38.45	Pass
			13	23.53	1.42	22.80	<=38.45	Pass
			24	23.48	1.42	22.75	<=38.45	Pass
		12	0	22.58	1.42	21.85	<=38.45	Pass
			6	22.57	1.42	21.84	<=38.45	Pass
			13	22.52	1.42	21.79	<=38.45	Pass
		25	0	22.53	1.42	21.80	<=38.45	Pass
16QAM	826.5	1	0	22.32	1.42	21.59	<=38.45	Pass
			13	22.80	1.42	22.07	<=38.45	Pass
			24	22.64	1.42	21.91	<=38.45	Pass
		12	0	21.54	1.42	20.81	<=38.45	Pass
			6	21.61	1.42	20.88	<=38.45	Pass
			13	21.56	1.42	20.83	<=38.45	Pass
		25	0	21.68	1.42	20.95	<=38.45	Pass
	836.5	1	0	22.54	1.42	21.81	<=38.45	Pass
			13	22.41	1.42	21.68	<=38.45	Pass
			24	22.66	1.42	21.93	<=38.45	Pass
		12	0	21.53	1.42	20.80	<=38.45	Pass
			6	21.56	1.42	20.83	<=38.45	Pass
			13	21.53	1.42	20.80	<=38.45	Pass
		25	0	21.55	1.42	20.82	<=38.45	Pass
	846.5	1	0	22.74	1.42	22.01	<=38.45	Pass
			13	22.64	1.42	21.91	<=38.45	Pass
			24	22.30	1.42	21.57	<=38.45	Pass
		12	0	21.64	1.42	20.91	<=38.45	Pass
			6	21.60	1.42	20.87	<=38.45	Pass
			13	21.55	1.42	20.82	<=38.45	Pass
		25	0	21.55	1.42	20.82	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B26b_10MHz_ERP

Band: 26b / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.47	1.42	22.74	<=38.45	Pass
			25	23.51	1.42	22.78	<=38.45	Pass
			49	23.48	1.42	22.75	<=38.45	Pass
		25	0	22.59	1.42	21.86	<=38.45	Pass
			13	22.63	1.42	21.90	<=38.45	Pass
			25	22.58	1.42	21.85	<=38.45	Pass
		50	0	22.62	1.42	21.89	<=38.45	Pass
	836.5	1	0	23.47	1.42	22.74	<=38.45	Pass
			25	23.50	1.42	22.77	<=38.45	Pass
			49	23.46	1.42	22.73	<=38.45	Pass
		25	0	22.58	1.42	21.85	<=38.45	Pass
			13	22.56	1.42	21.83	<=38.45	Pass
			25	22.50	1.42	21.77	<=38.45	Pass
		50	0	22.55	1.42	21.82	<=38.45	Pass

	844	1	0	23.53	1.42	22.80	<=38.45	Pass		
			25	23.50	1.42	22.77	<=38.45	Pass		
			49	23.44	1.42	22.71	<=38.45	Pass		
		25	0	22.59	1.42	21.86	<=38.45	Pass		
			13	22.62	1.42	21.89	<=38.45	Pass		
			25	22.60	1.42	21.87	<=38.45	Pass		
		50	0	22.57	1.42	21.84	<=38.45	Pass		
		16QAM	829	1	0	23.00	1.42	22.27	<=38.45	Pass
					25	23.08	1.42	22.35	<=38.45	Pass
49	22.96				1.42	22.23	<=38.45	Pass		
25	0			21.73	1.42	21.00	<=38.45	Pass		
	13			21.69	1.42	20.96	<=38.45	Pass		
	25			21.64	1.42	20.91	<=38.45	Pass		
50	0			21.64	1.42	20.91	<=38.45	Pass		
836.5	1			0	22.54	1.42	21.81	<=38.45	Pass	
				25	22.95	1.42	22.22	<=38.45	Pass	
			49	22.68	1.42	21.95	<=38.45	Pass		
	25		0	21.67	1.42	20.94	<=38.45	Pass		
			13	21.64	1.42	20.91	<=38.45	Pass		
			25	21.58	1.42	20.85	<=38.45	Pass		
	50		0	21.59	1.42	20.86	<=38.45	Pass		
	844		1	0	22.67	1.42	21.94	<=38.45	Pass	
				25	22.66	1.42	21.93	<=38.45	Pass	
49				22.61	1.42	21.88	<=38.45	Pass		
25			0	21.61	1.42	20.88	<=38.45	Pass		
			13	21.67	1.42	20.94	<=38.45	Pass		
			25	21.61	1.42	20.88	<=38.45	Pass		
50			0	21.58	1.42	20.85	<=38.45	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2.15										

1.1.5 B26b_15MHz_ERP

Band: 26b / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	831.5	1	0	23.45	1.42	22.72	<=38.45	Pass
			38	23.49	1.42	22.76	<=38.45	Pass
			74	23.39	1.42	22.66	<=38.45	Pass
		36	0	22.59	1.42	21.86	<=38.45	Pass
			18	22.60	1.42	21.87	<=38.45	Pass
			39	22.57	1.42	21.84	<=38.45	Pass
		75	0	22.57	1.42	21.84	<=38.45	Pass
	836.5	1	0	23.55	1.42	22.82	<=38.45	Pass
			38	23.41	1.42	22.68	<=38.45	Pass
			74	23.44	1.42	22.71	<=38.45	Pass
		36	0	22.61	1.42	21.88	<=38.45	Pass
			18	22.58	1.42	21.85	<=38.45	Pass
			39	22.54	1.42	21.81	<=38.45	Pass
		75	0	22.54	1.42	21.81	<=38.45	Pass
	841.5	1	0	23.52	1.42	22.79	<=38.45	Pass
			38	23.50	1.42	22.77	<=38.45	Pass
			74	23.44	1.42	22.71	<=38.45	Pass
		36	0	22.55	1.42	21.82	<=38.45	Pass
			18	22.56	1.42	21.83	<=38.45	Pass
			39	22.64	1.42	21.91	<=38.45	Pass
		75	0	22.56	1.42	21.83	<=38.45	Pass
16QAM	831.5	1	0	22.64	1.42	21.91	<=38.45	Pass

			38	22.85	1.42	22.12	<=38.45	Pass
			74	22.96	1.42	22.23	<=38.45	Pass
		36	0	21.62	1.42	20.89	<=38.45	Pass
			18	21.60	1.42	20.87	<=38.45	Pass
			39	21.61	1.42	20.88	<=38.45	Pass
			75	0	21.62	1.42	20.89	<=38.45
	836.5	1	0	23.08	1.42	22.35	<=38.45	Pass
			38	22.64	1.42	21.91	<=38.45	Pass
			74	22.83	1.42	22.10	<=38.45	Pass
		36	0	21.58	1.42	20.85	<=38.45	Pass
			18	21.62	1.42	20.89	<=38.45	Pass
			39	21.48	1.42	20.75	<=38.45	Pass
	75	0	21.58	1.42	20.85	<=38.45	Pass	
	841.5	1	0	22.66	1.42	21.93	<=38.45	Pass
			38	22.67	1.42	21.94	<=38.45	Pass
			74	22.66	1.42	21.93	<=38.45	Pass
		36	0	21.56	1.42	20.83	<=38.45	Pass
			18	21.58	1.42	20.85	<=38.45	Pass
			39	21.60	1.42	20.87	<=38.45	Pass
	75	0	21.58	1.42	20.85	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Field Strength of Spurious Radiation

LTE Band 26b(824-849MHz)-Low channel, Modulation: QPSK, Bandwidth:15MHz, 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
1649.5	-71.39	-13	-58.39	-74.27	2.62	5.5	Horizontal	Pass
2474.25	-66.87	-13	-53.87	-69.57	3.06	5.76	Horizontal	Pass
3299.0	-67.22	-13	-54.22	-71.59	3.3	7.67	Horizontal	Pass
1649.5	-68.87	-13	-55.87	-71.75	2.62	5.5	Vertical	Pass
2474.25	-62.72	-13	-49.72	-65.42	3.06	5.76	Vertical	Pass
3299.0	-67.42	-13	-54.42	-71.79	3.3	7.67	Vertical	Pass

LTE Band 26b(824-849MHz)-Middle channel, Modulation: QPSK, Bandwidth:15MHz, 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
1659.5	-70.42	-13	-57.42	-73.28	2.62	5.48	Horizontal	Pass
2489.25	-58.48	-13	-45.48	-61.2	3.07	5.79	Horizontal	Pass
3319.0	-67.04	-13	-54.04	-71.45	3.31	7.72	Horizontal	Pass
1659.5	-68.2	-13	-55.2	-71.06	2.62	5.48	Vertical	Pass
2489.25	-61.18	-13	-48.18	-63.9	3.07	5.79	Vertical	Pass
3319.0	-67.17	-13	-54.17	-71.58	3.31	7.72	Vertical	Pass

LTE Band 26b(824-849MHz)-High channel, Modulation: QPSK, Bandwidth:15MHz, 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
1669.5	-72.26	-13	-59.26	-75.08	2.63	5.45	Horizontal	Pass
2504.5	-69.17	-13	-56.17	-71.92	3.08	5.83	Horizontal	Pass
3339.0	-67.38	-13	-54.38	-71.83	3.32	7.77	Horizontal	Pass
1669.5	-72.53	-13	-59.53	-75.35	2.63	5.45	Vertical	Pass
2504.5	-69.5	-13	-56.5	-72.25	3.08	5.83	Vertical	Pass
3339.0	-66.92	-13	-53.92	-71.37	3.32	7.77	Vertical	Pass