

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	21.72	1.56	23.28	<=30	Pass
			2	21.56	1.56	23.12	<=30	Pass
			5	21.77	1.56	23.33	<=30	Pass
		3	0	21.84	1.56	23.4	<=30	Pass
			2	21.90	1.56	23.46	<=30	Pass
			3	21.85	1.56	23.41	<=30	Pass
		6	0	20.76	1.56	22.32	<=30	Pass
	1732.5	1	0	22.08	1.56	23.64	<=30	Pass
			2	22.05	1.56	23.61	<=30	Pass
			5	22.05	1.56	23.61	<=30	Pass
		3	0	22.06	1.56	23.62	<=30	Pass
			2	21.99	1.56	23.55	<=30	Pass
			3	21.99	1.56	23.55	<=30	Pass
		6	0	21.10	1.56	22.66	<=30	Pass
	1754.3	1	0	21.98	1.56	23.54	<=30	Pass
			2	22.11	1.56	23.67	<=30	Pass
			5	22.01	1.56	23.57	<=30	Pass
		3	0	22.11	1.56	23.67	<=30	Pass
			2	22.05	1.56	23.61	<=30	Pass
			3	22.01	1.56	23.57	<=30	Pass
		6	0	21.08	1.56	22.64	<=30	Pass
16QAM	1710.7	1	0	21.11	1.56	22.67	<=30	Pass
			2	21.13	1.56	22.69	<=30	Pass
			5	21.12	1.56	22.68	<=30	Pass
		3	0	20.98	1.56	22.54	<=30	Pass
			2	20.95	1.56	22.51	<=30	Pass
			3	20.95	1.56	22.51	<=30	Pass
		6	0	19.93	1.56	21.49	<=30	Pass
	1732.5	1	0	20.64	1.56	22.2	<=30	Pass
			2	21.20	1.56	22.76	<=30	Pass
			5	21.42	1.56	22.98	<=30	Pass
		3	0	21.08	1.56	22.64	<=30	Pass
			2	21.26	1.56	22.82	<=30	Pass
			3	21.15	1.56	22.71	<=30	Pass
		6	0	20.08	1.56	21.64	<=30	Pass
	1754.3	1	0	21.28	1.56	22.84	<=30	Pass
			2	21.12	1.56	22.68	<=30	Pass
			5	21.11	1.56	22.67	<=30	Pass
		3	0	21.15	1.56	22.71	<=30	Pass
			2	21.12	1.56	22.68	<=30	Pass
			3	21.10	1.56	22.66	<=30	Pass
		6	0	20.20	1.56	21.76	<=30	Pass
64QAM	1710.7	1	0	20.76	1.56	22.32	<=30	Pass
			2	20.50	1.56	22.06	<=30	Pass
			5	20.73	1.56	22.29	<=30	Pass
		3	0	20.75	1.56	22.31	<=30	Pass
			2	20.95	1.56	22.51	<=30	Pass
			3	20.96	1.56	22.52	<=30	Pass
		6	0	19.84	1.56	21.4	<=30	Pass

	1732.5	1	0	21.21	1.56	22.77	<=30	Pass		
			2	21.32	1.56	22.88	<=30	Pass		
			5	21.08	1.56	22.64	<=30	Pass		
		3	0	21.15	1.56	22.71	<=30	Pass		
			2	21.06	1.56	22.62	<=30	Pass		
			3	21.19	1.56	22.75	<=30	Pass		
		6	0	19.98	1.56	21.54	<=30	Pass		
		1754.3	1	0	20.41	1.56	21.97	<=30	Pass	
				2	21.24	1.56	22.8	<=30	Pass	
	5			20.98	1.56	22.54	<=30	Pass		
	3		0	21.02	1.56	22.58	<=30	Pass		
			2	20.97	1.56	22.53	<=30	Pass		
			3	21.05	1.56	22.61	<=30	Pass		
	6		0	20.03	1.56	21.59	<=30	Pass		
	256QAM		1710.7	1	0	16.74	1.56	18.3	<=30	Pass
					2	16.85	1.56	18.41	<=30	Pass
		5			16.85	1.56	18.41	<=30	Pass	
		3		0	16.91	1.56	18.47	<=30	Pass	
2				16.86	1.56	18.42	<=30	Pass		
3				16.90	1.56	18.46	<=30	Pass		
6		0		16.91	1.56	18.47	<=30	Pass		
1732.5		1		0	17.14	1.56	18.7	<=30	Pass	
				2	17.16	1.56	18.72	<=30	Pass	
			5	9.81	1.56	11.37	<=30	Pass		
		3	0	17.17	1.56	18.73	<=30	Pass		
			2	17.16	1.56	18.72	<=30	Pass		
			3	16.99	1.56	18.55	<=30	Pass		
		6	0	16.96	1.56	18.52	<=30	Pass		
		1754.3	1	0	17.11	1.56	18.67	<=30	Pass	
				2	16.91	1.56	18.47	<=30	Pass	
5				17.10	1.56	18.66	<=30	Pass		
3			0	17.14	1.56	18.7	<=30	Pass		
			2	17.14	1.56	18.7	<=30	Pass		
			3	17.05	1.56	18.61	<=30	Pass		
6			0	17.07	1.56	18.63	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.2 B4_3MHz_EIRP

Band: 4 / Bandwidth: 3MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	21.90	1.56	23.46	<=30	Pass
			7	21.92	1.56	23.48	<=30	Pass
			14	21.95	1.56	23.51	<=30	Pass
		8	0	20.90	1.56	22.46	<=30	Pass
			4	21.03	1.56	22.59	<=30	Pass
			7	20.95	1.56	22.51	<=30	Pass
		15	0	20.91	1.56	22.47	<=30	Pass
	1732.5	1	0	21.97	1.56	23.53	<=30	Pass
			7	22.14	1.56	23.7	<=30	Pass
			14	22.00	1.56	23.56	<=30	Pass
		8	0	21.09	1.56	22.65	<=30	Pass
			4	21.09	1.56	22.65	<=30	Pass
			7	21.15	1.56	22.71	<=30	Pass
		15	0	21.06	1.56	22.62	<=30	Pass
	1753.5	1	0	21.97	1.56	23.53	<=30	Pass
			7	22.15	1.56	23.71	<=30	Pass
			14	21.92	1.56	23.48	<=30	Pass
		8	0	21.06	1.56	22.62	<=30	Pass
			4	21.06	1.56	22.62	<=30	Pass
			7	21.04	1.56	22.6	<=30	Pass
		15	0	21.05	1.56	22.61	<=30	Pass
16QAM	1711.5	1	0	20.92	1.56	22.48	<=30	Pass
			7	21.07	1.56	22.63	<=30	Pass
			14	21.14	1.56	22.7	<=30	Pass
		8	0	20.07	1.56	21.63	<=30	Pass
			4	20.11	1.56	21.67	<=30	Pass
			7	20.04	1.56	21.6	<=30	Pass
		15	0	19.98	1.56	21.54	<=30	Pass
	1732.5	1	0	21.10	1.56	22.66	<=30	Pass
			7	21.28	1.56	22.84	<=30	Pass
			14	20.47	1.56	22.03	<=30	Pass
		8	0	20.17	1.56	21.73	<=30	Pass
			4	20.15	1.56	21.71	<=30	Pass
			7	20.09	1.56	21.65	<=30	Pass
		15	0	20.13	1.56	21.69	<=30	Pass
	1753.5	1	0	21.35	1.56	22.91	<=30	Pass
			7	21.39	1.56	22.95	<=30	Pass
			14	21.24	1.56	22.8	<=30	Pass
		8	0	20.13	1.56	21.69	<=30	Pass
			4	20.13	1.56	21.69	<=30	Pass
			7	20.11	1.56	21.67	<=30	Pass
		15	0	20.11	1.56	21.67	<=30	Pass
64QAM	1711.5	1	0	20.60	1.56	22.16	<=30	Pass
			7	20.80	1.56	22.36	<=30	Pass
			14	20.58	1.56	22.14	<=30	Pass
		8	0	20.01	1.56	21.57	<=30	Pass
			4	20.01	1.56	21.57	<=30	Pass
			7	19.96	1.56	21.52	<=30	Pass
		15	0	19.96	1.56	21.52	<=30	Pass
	1732.5	1	0	20.88	1.56	22.44	<=30	Pass
			7	21.10	1.56	22.66	<=30	Pass
			14	20.77	1.56	22.33	<=30	Pass
		8	0	20.10	1.56	21.66	<=30	Pass
			4	20.13	1.56	21.69	<=30	Pass

			7	20.08	1.56	21.64	<=30	Pass
		15	0	20.06	1.56	21.62	<=30	Pass
	1753.5	1	0	20.99	1.56	22.55	<=30	Pass
			7	20.97	1.56	22.53	<=30	Pass
			14	21.03	1.56	22.59	<=30	Pass
		8	0	20.13	1.56	21.69	<=30	Pass
			4	20.14	1.56	21.7	<=30	Pass
			7	20.03	1.56	21.59	<=30	Pass
		15	0	20.07	1.56	21.63	<=30	Pass
	256QAM	1711.5	1	0	17.09	1.56	18.65	<=30
7				17.10	1.56	18.66	<=30	Pass
14				16.99	1.56	18.55	<=30	Pass
8			0	16.96	1.56	18.52	<=30	Pass
			4	17.02	1.56	18.58	<=30	Pass
			7	17.06	1.56	18.62	<=30	Pass
			15	0	16.97	1.56	18.53	<=30
1732.5		1	0	17.09	1.56	18.65	<=30	Pass
			7	17.05	1.56	18.61	<=30	Pass
			14	16.95	1.56	18.51	<=30	Pass
		8	0	16.77	1.56	18.33	<=30	Pass
			4	17.17	1.56	18.73	<=30	Pass
			7	17.04	1.56	18.6	<=30	Pass
		15	0	17.09	1.56	18.65	<=30	Pass
1753.5		1	0	16.43	1.56	17.99	<=30	Pass
			7	17.10	1.56	18.66	<=30	Pass
			14	16.74	1.56	18.3	<=30	Pass
		8	0	17.12	1.56	18.68	<=30	Pass
			4	17.02	1.56	18.58	<=30	Pass
			7	17.11	1.56	18.67	<=30	Pass
	15	0	17.12	1.56	18.68	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	21.88	1.56	23.44	<=30	Pass
			13	21.97	1.56	23.53	<=30	Pass
			24	21.84	1.56	23.4	<=30	Pass
		12	0	21.01	1.56	22.57	<=30	Pass
			6	21.02	1.56	22.58	<=30	Pass
			13	20.95	1.56	22.51	<=30	Pass
		25	0	20.87	1.56	22.43	<=30	Pass
	1732.5	1	0	22.05	1.56	23.61	<=30	Pass
			13	22.11	1.56	23.67	<=30	Pass
			24	22.12	1.56	23.68	<=30	Pass
		12	0	21.06	1.56	22.62	<=30	Pass
			6	21.11	1.56	22.67	<=30	Pass
			13	21.03	1.56	22.59	<=30	Pass
		25	0	20.99	1.56	22.55	<=30	Pass
	1752.5	1	0	21.99	1.56	23.55	<=30	Pass
			13	22.16	1.56	23.72	<=30	Pass
			24	22.02	1.56	23.58	<=30	Pass
		12	0	21.13	1.56	22.69	<=30	Pass
			6	21.07	1.56	22.63	<=30	Pass
			13	21.08	1.56	22.64	<=30	Pass
		25	0	21.06	1.56	22.62	<=30	Pass
16QAM	1712.5	1	0	21.09	1.56	22.65	<=30	Pass
			13	21.23	1.56	22.79	<=30	Pass
			24	21.08	1.56	22.64	<=30	Pass
		12	0	20.07	1.56	21.63	<=30	Pass
			6	20.02	1.56	21.58	<=30	Pass
			13	19.95	1.56	21.51	<=30	Pass
		25	0	19.93	1.56	21.49	<=30	Pass
	1732.5	1	0	21.25	1.56	22.81	<=30	Pass
			13	21.29	1.56	22.85	<=30	Pass
			24	21.44	1.56	23	<=30	Pass
		12	0	20.12	1.56	21.68	<=30	Pass
			6	20.15	1.56	21.71	<=30	Pass
			13	20.03	1.56	21.59	<=30	Pass
		25	0	19.92	1.56	21.48	<=30	Pass
	1752.5	1	0	21.21	1.56	22.77	<=30	Pass
			13	21.27	1.56	22.83	<=30	Pass
			24	21.19	1.56	22.75	<=30	Pass
		12	0	20.04	1.56	21.6	<=30	Pass
			6	20.12	1.56	21.68	<=30	Pass
			13	20.09	1.56	21.65	<=30	Pass
		25	0	20.10	1.56	21.66	<=30	Pass
64QAM	1712.5	1	0	20.89	1.56	22.45	<=30	Pass
			13	21.07	1.56	22.63	<=30	Pass
			24	20.49	1.56	22.05	<=30	Pass
		12	0	19.97	1.56	21.53	<=30	Pass
			6	20.03	1.56	21.59	<=30	Pass
			13	19.96	1.56	21.52	<=30	Pass
		25	0	19.93	1.56	21.49	<=30	Pass
	1732.5	1	0	21.07	1.56	22.63	<=30	Pass
			13	21.25	1.56	22.81	<=30	Pass
			24	20.92	1.56	22.48	<=30	Pass
		12	0	20.12	1.56	21.68	<=30	Pass
			6	20.16	1.56	21.72	<=30	Pass

			13	20.05	1.56	21.61	<=30	Pass
		25	0	20.03	1.56	21.59	<=30	Pass
	1752.5	1	0	20.86	1.56	22.42	<=30	Pass
			13	21.07	1.56	22.63	<=30	Pass
			24	20.97	1.56	22.53	<=30	Pass
		12	0	20.19	1.56	21.75	<=30	Pass
			6	20.13	1.56	21.69	<=30	Pass
			13	20.11	1.56	21.67	<=30	Pass
		25	0	20.09	1.56	21.65	<=30	Pass
	256QAM	1712.5	1	0	16.99	1.56	18.55	<=30
13				17.09	1.56	18.65	<=30	Pass
24				16.76	1.56	18.32	<=30	Pass
12			0	17.01	1.56	18.57	<=30	Pass
			6	16.98	1.56	18.54	<=30	Pass
			13	16.93	1.56	18.49	<=30	Pass
			25	0	16.84	1.56	18.4	<=30
1732.5		1	0	17.07	1.56	18.63	<=30	Pass
			13	17.23	1.56	18.79	<=30	Pass
			24	16.81	1.56	18.37	<=30	Pass
		12	0	17.12	1.56	18.68	<=30	Pass
			6	17.14	1.56	18.7	<=30	Pass
			13	16.99	1.56	18.55	<=30	Pass
			25	0	17.02	1.56	18.58	<=30
1752.5		1	0	16.81	1.56	18.37	<=30	Pass
			13	17.20	1.56	18.76	<=30	Pass
			24	17.12	1.56	18.68	<=30	Pass
		12	0	17.10	1.56	18.66	<=30	Pass
			6	17.16	1.56	18.72	<=30	Pass
			13	17.11	1.56	18.67	<=30	Pass
	25	0	17.03	1.56	18.59	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	21.88	1.56	23.44	<=30	Pass
			25	21.91	1.56	23.47	<=30	Pass
			49	21.92	1.56	23.48	<=30	Pass
		25	0	20.95	1.56	22.51	<=30	Pass
			13	20.98	1.56	22.54	<=30	Pass
			25	21.08	1.56	22.64	<=30	Pass
		50	0	21.00	1.56	22.56	<=30	Pass
	1732.5	1	0	21.97	1.56	23.53	<=30	Pass
			25	22.12	1.56	23.68	<=30	Pass
			49	22.10	1.56	23.66	<=30	Pass
		25	0	21.07	1.56	22.63	<=30	Pass
			13	21.06	1.56	22.62	<=30	Pass
			25	21.08	1.56	22.64	<=30	Pass
		50	0	21.04	1.56	22.6	<=30	Pass
	1750	1	0	22.01	1.56	23.57	<=30	Pass
			25	22.24	1.56	23.8	<=30	Pass
			49	21.99	1.56	23.55	<=30	Pass
		25	0	21.07	1.56	22.63	<=30	Pass
			13	21.14	1.56	22.7	<=30	Pass
			25	21.13	1.56	22.69	<=30	Pass
		50	0	21.14	1.56	22.7	<=30	Pass
16QAM	1715	1	0	20.90	1.56	22.46	<=30	Pass
			25	21.18	1.56	22.74	<=30	Pass
			49	21.14	1.56	22.7	<=30	Pass
		25	0	20.00	1.56	21.56	<=30	Pass
			13	20.04	1.56	21.6	<=30	Pass
			25	20.12	1.56	21.68	<=30	Pass
		50	0	19.98	1.56	21.54	<=30	Pass
	1732.5	1	0	21.32	1.56	22.88	<=30	Pass
			25	21.21	1.56	22.77	<=30	Pass
			49	21.47	1.56	23.03	<=30	Pass
		25	0	20.18	1.56	21.74	<=30	Pass
			13	20.03	1.56	21.59	<=30	Pass
			25	20.11	1.56	21.67	<=30	Pass
		50	0	19.99	1.56	21.55	<=30	Pass
	1750	1	0	21.16	1.56	22.72	<=30	Pass
			25	21.32	1.56	22.88	<=30	Pass
			49	21.13	1.56	22.69	<=30	Pass
		25	0	20.09	1.56	21.65	<=30	Pass
			13	20.20	1.56	21.76	<=30	Pass
			25	20.20	1.56	21.76	<=30	Pass
		50	0	20.12	1.56	21.68	<=30	Pass
64QAM	1715	1	0	20.43	1.56	21.99	<=30	Pass
			25	21.10	1.56	22.66	<=30	Pass
			49	20.74	1.56	22.3	<=30	Pass
		25	0	19.98	1.56	21.54	<=30	Pass
			13	20.06	1.56	21.62	<=30	Pass
			25	19.99	1.56	21.55	<=30	Pass
		50	0	20.04	1.56	21.6	<=30	Pass
	1732.5	1	0	20.91	1.56	22.47	<=30	Pass
			25	21.08	1.56	22.64	<=30	Pass
			49	21.15	1.56	22.71	<=30	Pass
		25	0	20.07	1.56	21.63	<=30	Pass
			13	20.10	1.56	21.66	<=30	Pass

			25	20.03	1.56	21.59	<=30	Pass	
		50	0	20.00	1.56	21.56	<=30	Pass	
	1750	1	0	20.81	1.56	22.37	<=30	Pass	
			25	21.13	1.56	22.69	<=30	Pass	
			49	20.89	1.56	22.45	<=30	Pass	
			0	20.11	1.56	21.67	<=30	Pass	
		25	13	20.19	1.56	21.75	<=30	Pass	
			25	20.09	1.56	21.65	<=30	Pass	
			50	0	20.19	1.56	21.75	<=30	Pass
	256QAM	1715	1	0	16.79	1.56	18.35	<=30	Pass
25				17.15	1.56	18.71	<=30	Pass	
49				17.00	1.56	18.56	<=30	Pass	
25			0	17.00	1.56	18.56	<=30	Pass	
			13	16.99	1.56	18.55	<=30	Pass	
			25	17.04	1.56	18.6	<=30	Pass	
			50	0	18.19	1.56	19.75	<=30	Pass
1732.5		1	0	16.83	1.56	18.39	<=30	Pass	
			25	16.93	1.56	18.49	<=30	Pass	
			49	17.30	1.56	18.86	<=30	Pass	
		25	0	17.08	1.56	18.64	<=30	Pass	
			13	17.02	1.56	18.58	<=30	Pass	
			25	17.10	1.56	18.66	<=30	Pass	
			50	0	18.32	1.56	19.88	<=30	Pass
1750		1	0	17.18	1.56	18.74	<=30	Pass	
			25	16.75	1.56	18.31	<=30	Pass	
			49	16.99	1.56	18.55	<=30	Pass	
		25	0	17.17	1.56	18.73	<=30	Pass	
			13	17.16	1.56	18.72	<=30	Pass	
			25	17.15	1.56	18.71	<=30	Pass	
		50	0	18.56	1.56	20.12	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	21.73	1.56	23.29	<=30	Pass
			38	21.78	1.56	23.34	<=30	Pass
			74	21.89	1.56	23.45	<=30	Pass
		36	0	20.83	1.56	22.39	<=30	Pass
			18	20.91	1.56	22.47	<=30	Pass
			39	20.92	1.56	22.48	<=30	Pass
		75	0	20.91	1.56	22.47	<=30	Pass
	1732.5	1	0	21.99	1.56	23.55	<=30	Pass
			38	22.11	1.56	23.67	<=30	Pass
			74	21.93	1.56	23.49	<=30	Pass
		36	0	20.92	1.56	22.48	<=30	Pass
			18	20.84	1.56	22.4	<=30	Pass
			39	21.03	1.56	22.59	<=30	Pass
		75	0	20.99	1.56	22.55	<=30	Pass
	1747.5	1	0	21.71	1.56	23.27	<=30	Pass
			38	21.80	1.56	23.36	<=30	Pass
			74	21.76	1.56	23.32	<=30	Pass
		36	0	21.02	1.56	22.58	<=30	Pass
			18	21.00	1.56	22.56	<=30	Pass
			39	21.03	1.56	22.59	<=30	Pass
		75	0	21.02	1.56	22.58	<=30	Pass
16QAM	1717.5	1	0	21.09	1.56	22.65	<=30	Pass
			38	21.05	1.56	22.61	<=30	Pass
			74	21.37	1.56	22.93	<=30	Pass
		36	0	19.92	1.56	21.48	<=30	Pass
			18	19.97	1.56	21.53	<=30	Pass
			39	19.97	1.56	21.53	<=30	Pass
		75	0	19.98	1.56	21.54	<=30	Pass
	1732.5	1	0	20.87	1.56	22.43	<=30	Pass
			38	20.95	1.56	22.51	<=30	Pass
			74	21.09	1.56	22.65	<=30	Pass
		36	0	19.97	1.56	21.53	<=30	Pass
			18	19.89	1.56	21.45	<=30	Pass
			39	19.98	1.56	21.54	<=30	Pass
		75	0	19.99	1.56	21.55	<=30	Pass
	1747.5	1	0	21.19	1.56	22.75	<=30	Pass
			38	20.93	1.56	22.49	<=30	Pass
			74	20.94	1.56	22.5	<=30	Pass
		36	0	20.06	1.56	21.62	<=30	Pass
			18	20.04	1.56	21.6	<=30	Pass
			39	20.00	1.56	21.56	<=30	Pass
		75	0	20.06	1.56	21.62	<=30	Pass
64QAM	1717.5	1	0	20.36	1.56	21.92	<=30	Pass
			38	20.83	1.56	22.39	<=30	Pass
			74	20.79	1.56	22.35	<=30	Pass
		36	0	19.87	1.56	21.43	<=30	Pass
			18	19.94	1.56	21.5	<=30	Pass
			39	19.95	1.56	21.51	<=30	Pass
		75	0	19.87	1.56	21.43	<=30	Pass
	1732.5	1	0	21.01	1.56	22.57	<=30	Pass
			38	20.96	1.56	22.52	<=30	Pass
			74	20.57	1.56	22.13	<=30	Pass
		36	0	19.94	1.56	21.5	<=30	Pass
			18	19.86	1.56	21.42	<=30	Pass

			39	19.85	1.56	21.41	<=30	Pass
		75	0	19.91	1.56	21.47	<=30	Pass
	1747.5	1	0	20.92	1.56	22.48	<=30	Pass
			38	20.98	1.56	22.54	<=30	Pass
			74	20.86	1.56	22.42	<=30	Pass
		36	0	20.07	1.56	21.63	<=30	Pass
			18	20.03	1.56	21.59	<=30	Pass
			39	20.05	1.56	21.61	<=30	Pass
		75	0	20.07	1.56	21.63	<=30	Pass
	256QAM	1717.5	1	0	16.75	1.56	18.31	<=30
38				16.80	1.56	18.36	<=30	Pass
74				16.95	1.56	18.51	<=30	Pass
36			0	16.76	1.56	18.32	<=30	Pass
			18	16.91	1.56	18.47	<=30	Pass
			39	16.90	1.56	18.46	<=30	Pass
			75	0	16.89	1.56	18.45	<=30
1732.5		1	0	16.49	1.56	18.05	<=30	Pass
			38	16.86	1.56	18.42	<=30	Pass
			74	17.14	1.56	18.7	<=30	Pass
		36	0	16.90	1.56	18.46	<=30	Pass
			18	16.90	1.56	18.46	<=30	Pass
			39	17.09	1.56	18.65	<=30	Pass
			75	0	16.86	1.56	18.42	<=30
1747.5		1	0	16.83	1.56	18.39	<=30	Pass
			38	17.03	1.56	18.59	<=30	Pass
			74	16.95	1.56	18.51	<=30	Pass
		36	0	17.00	1.56	18.56	<=30	Pass
			18	17.05	1.56	18.61	<=30	Pass
			39	17.00	1.56	18.56	<=30	Pass
	75	0	17.01	1.56	18.57	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	21.70	1.56	23.26	<=30	Pass
			50	21.99	1.56	23.55	<=30	Pass
			99	21.88	1.56	23.44	<=30	Pass
		50	0	20.82	1.56	22.38	<=30	Pass
			25	20.88	1.56	22.44	<=30	Pass
			50	20.90	1.56	22.46	<=30	Pass
		100	0	20.87	1.56	22.43	<=30	Pass
	1732.5	1	0	21.82	1.56	23.38	<=30	Pass
			50	21.82	1.56	23.38	<=30	Pass
			99	22.35	1.56	23.91	<=30	Pass
		50	0	20.97	1.56	22.53	<=30	Pass
			25	21.00	1.56	22.56	<=30	Pass
			50	21.05	1.56	22.61	<=30	Pass
		100	0	20.93	1.56	22.49	<=30	Pass
	1745	1	0	21.89	1.56	23.45	<=30	Pass
			50	21.78	1.56	23.34	<=30	Pass
			99	22.18	1.56	23.74	<=30	Pass
		50	0	21.01	1.56	22.57	<=30	Pass
			25	21.09	1.56	22.65	<=30	Pass
			50	21.06	1.56	22.62	<=30	Pass
		100	0	21.05	1.56	22.61	<=30	Pass
16QAM	1720	1	0	20.90	1.56	22.46	<=30	Pass
			50	20.95	1.56	22.51	<=30	Pass
			99	21.17	1.56	22.73	<=30	Pass
		50	0	19.80	1.56	21.36	<=30	Pass
			25	19.88	1.56	21.44	<=30	Pass
			50	19.90	1.56	21.46	<=30	Pass
		100	0	19.82	1.56	21.38	<=30	Pass
	1732.5	1	0	20.79	1.56	22.35	<=30	Pass
			50	21.20	1.56	22.76	<=30	Pass
			99	21.05	1.56	22.61	<=30	Pass
		50	0	19.92	1.56	21.48	<=30	Pass
			25	20.03	1.56	21.59	<=30	Pass
			50	20.02	1.56	21.58	<=30	Pass
		100	0	19.95	1.56	21.51	<=30	Pass
	1745	1	0	21.03	1.56	22.59	<=30	Pass
			50	21.42	1.56	22.98	<=30	Pass
			99	21.03	1.56	22.59	<=30	Pass
		50	0	20.08	1.56	21.64	<=30	Pass
			25	20.12	1.56	21.68	<=30	Pass
			50	20.11	1.56	21.67	<=30	Pass
		100	0	20.10	1.56	21.66	<=30	Pass
64QAM	1720	1	0	20.64	1.56	22.2	<=30	Pass
			50	20.73	1.56	22.29	<=30	Pass
			99	21.15	1.56	22.71	<=30	Pass
		50	0	19.85	1.56	21.41	<=30	Pass
			25	19.89	1.56	21.45	<=30	Pass
			50	19.90	1.56	21.46	<=30	Pass
		100	0	19.86	1.56	21.42	<=30	Pass
	1732.5	1	0	20.42	1.56	21.98	<=30	Pass
			50	20.62	1.56	22.18	<=30	Pass
			99	21.15	1.56	22.71	<=30	Pass
		50	0	19.46	1.56	21.02	<=30	Pass
			25	20.05	1.56	21.61	<=30	Pass

			50	19.92	1.56	21.48	<=30	Pass	
		100	0	19.93	1.56	21.49	<=30	Pass	
	1745	1	0	20.32	1.56	21.88	<=30	Pass	
			50	21.08	1.56	22.64	<=30	Pass	
			99	21.07	1.56	22.63	<=30	Pass	
			0	20.03	1.56	21.59	<=30	Pass	
		50	25	20.06	1.56	21.62	<=30	Pass	
			50	20.11	1.56	21.67	<=30	Pass	
			100	0	20.01	1.56	21.57	<=30	Pass
	256QAM	1720	1	0	16.94	1.56	18.5	<=30	Pass
50				16.72	1.56	18.28	<=30	Pass	
99				17.14	1.56	18.7	<=30	Pass	
50			0	16.80	1.56	18.36	<=30	Pass	
			25	16.91	1.56	18.47	<=30	Pass	
			50	16.96	1.56	18.52	<=30	Pass	
			100	0	16.84	1.56	18.4	<=30	Pass
1732.5		1	0	16.79	1.56	18.35	<=30	Pass	
			50	17.16	1.56	18.72	<=30	Pass	
			99	16.91	1.56	18.47	<=30	Pass	
		50	0	16.83	1.56	18.39	<=30	Pass	
			25	16.97	1.56	18.53	<=30	Pass	
			50	17.06	1.56	18.62	<=30	Pass	
			100	0	16.93	1.56	18.49	<=30	Pass
1745		1	0	16.92	1.56	18.48	<=30	Pass	
			50	16.86	1.56	18.42	<=30	Pass	
			99	16.64	1.56	18.2	<=30	Pass	
		50	0	16.81	1.56	18.37	<=30	Pass	
			25	17.02	1.56	18.58	<=30	Pass	
			50	17.13	1.56	18.69	<=30	Pass	
		100	0	17.03	1.56	18.59	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

2. Field Strength of Spurious Radiation

Test Band = LTE Band4_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4175.25	42.64	-45.77	29.82	-68.57	-13.00	55.57	Horizontal
2	5747.25	42.76	-44.80	32.35	-64.95	-13.00	51.95	Horizontal
3	7134	41.81	-43.94	35.38	-62.02	-13.00	49.02	Horizontal
4	8901	39.98	-41.24	36.56	-59.96	-13.00	46.96	Horizontal
5	10722.75	35.66	-38.05	38.57	-59.07	-13.00	46.07	Horizontal
6	13379.25	34.71	-36.43	39.93	-57.05	-13.00	44.05	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4268.25	43.10	-45.61	30.04	-67.73	-13.00	54.73	Vertical
2	5399.25	43.75	-45.30	32.12	-64.69	-13.00	51.69	Vertical
3	7293	42.16	-43.73	35.82	-61.01	-13.00	48.01	Vertical
4	8464.5	41.22	-41.56	36.82	-58.78	-13.00	45.78	Vertical
5	11188.5	34.76	-37.46	38.69	-59.26	-13.00	46.26	Vertical
6	12980.25	34.08	-37.29	39.39	-59.07	-13.00	46.07	Vertical

Test Band = LTE Band4_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4362.75	43.89	-45.72	30.27	-66.82	-13.00	53.82	Horizontal
2	5487	43.86	-45.25	32.28	-64.37	-13.00	51.37	Horizontal
3	6709.5	42.03	-43.84	34.48	-62.60	-13.00	49.60	Horizontal
4	9415.5	39.39	-39.89	37.33	-58.43	-13.00	45.43	Horizontal
5	11248.5	35.66	-37.40	38.72	-58.28	-13.00	45.28	Horizontal
6	13781.25	33.84	-36.36	40.49	-57.28	-13.00	44.28	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3959.25	44.08	-46.14	29.33	-67.98	-13.00	54.98	Vertical
2	5252.25	42.94	-45.18	31.85	-65.65	-13.00	52.65	Vertical
3	7196.25	41.98	-43.45	35.55	-61.18	-13.00	48.18	Vertical
4	8470.5	40.62	-41.57	36.82	-59.39	-13.00	46.39	Vertical
5	10094.25	37.15	-39.13	38.51	-58.73	-13.00	45.73	Vertical
6	12747	34.35	-36.75	39.32	-58.34	-13.00	45.34	Vertical

Test Band = LTE Band4_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4255.5	42.88	-45.64	30.01	-68.01	-13.00	55.01	Horizontal
2	5320.5	43.51	-45.13	31.98	-64.91	-13.00	51.91	Horizontal
3	6318	42.73	-44.52	33.48	-63.57	-13.00	50.57	Horizontal
4	7580.25	41.38	-42.97	36.51	-60.34	-13.00	47.34	Horizontal
5	10042.5	37.23	-39.19	38.50	-58.71	-13.00	45.71	Horizontal
6	12077.25	35.18	-37.41	39.12	-58.36	-13.00	45.36	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4063.5	43.28	-45.86	29.55	-68.29	-13.00	55.29	Vertical
2	4936.5	43.03	-45.57	31.30	-66.50	-13.00	53.50	Vertical
3	6906.75	42.58	-44.06	34.83	-61.91	-13.00	48.91	Vertical
4	8022.75	40.82	-42.12	37.09	-59.48	-13.00	46.48	Vertical
5	11244.75	34.83	-37.40	38.72	-59.11	-13.00	46.11	Vertical
6	14352	32.95	-35.45	41.08	-56.68	-13.00	43.68	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---