

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	22.88	3.83	26.71	<=30	Pass
			2	22.87	3.83	26.70	<=30	Pass
			5	22.86	3.83	26.69	<=30	Pass
		3	0	22.86	3.83	26.69	<=30	Pass
			2	22.86	3.83	26.69	<=30	Pass
			3	22.84	3.83	26.67	<=30	Pass
		6	0	21.87	3.83	25.70	<=30	Pass
	1732.5	1	0	22.92	3.83	26.75	<=30	Pass
			2	22.94	3.83	26.77	<=30	Pass
			5	22.92	3.83	26.75	<=30	Pass
		3	0	22.98	3.83	26.81	<=30	Pass
			2	22.94	3.83	26.77	<=30	Pass
			3	22.92	3.83	26.75	<=30	Pass
		6	0	21.93	3.83	25.76	<=30	Pass
	1754.3	1	0	22.93	3.83	26.76	<=30	Pass
			2	22.89	3.83	26.72	<=30	Pass
			5	22.77	3.83	26.60	<=30	Pass
		3	0	22.89	3.83	26.72	<=30	Pass
			2	22.91	3.83	26.74	<=30	Pass
			3	22.90	3.83	26.73	<=30	Pass
		6	0	21.91	3.83	25.74	<=30	Pass
16QAM	1710.7	1	0	21.83	3.83	25.66	<=30	Pass
			2	21.80	3.83	25.63	<=30	Pass
			5	21.74	3.83	25.57	<=30	Pass
		3	0	22.04	3.83	25.87	<=30	Pass
			2	22.05	3.83	25.88	<=30	Pass
			3	22.02	3.83	25.85	<=30	Pass
		6	0	21.00	3.83	24.83	<=30	Pass
	1732.5	1	0	21.49	3.83	25.32	<=30	Pass
			2	21.49	3.83	25.32	<=30	Pass
			5	21.48	3.83	25.31	<=30	Pass
		3	0	21.95	3.83	25.78	<=30	Pass
			2	21.91	3.83	25.74	<=30	Pass
			3	21.90	3.83	25.73	<=30	Pass
		6	0	21.10	3.83	24.93	<=30	Pass
	1754.3	1	0	21.51	3.83	25.34	<=30	Pass
			2	21.42	3.83	25.25	<=30	Pass
			5	21.46	3.83	25.29	<=30	Pass
		3	0	22.09	3.83	25.92	<=30	Pass
			2	22.09	3.83	25.92	<=30	Pass
			3	22.09	3.83	25.92	<=30	Pass
		6	0	21.10	3.83	24.93	<=30	Pass
64QAM	1710.7	1	0	21.20	3.83	25.03	<=30	Pass
			2	21.37	3.83	25.20	<=30	Pass
			5	21.30	3.83	25.13	<=30	Pass
		3	0	21.28	3.83	25.11	<=30	Pass
			2	21.25	3.83	25.08	<=30	Pass
			3	21.23	3.83	25.06	<=30	Pass
		6	0	20.20	3.83	24.03	<=30	Pass

	1732.5	1	0	20.68	3.83	24.51	<=30	Pass
			2	20.67	3.83	24.50	<=30	Pass
			5	20.77	3.83	24.60	<=30	Pass
		3	0	21.15	3.83	24.98	<=30	Pass
			2	21.12	3.83	24.95	<=30	Pass
			3	21.11	3.83	24.94	<=30	Pass
		6	0	20.16	3.83	23.99	<=30	Pass
	1754.3	1	0	20.83	3.83	24.66	<=30	Pass
			2	20.94	3.83	24.77	<=30	Pass
			5	20.86	3.83	24.69	<=30	Pass
		3	0	21.15	3.83	24.98	<=30	Pass
			2	21.15	3.83	24.98	<=30	Pass
			3	21.15	3.83	24.98	<=30	Pass
		6	0	20.01	3.83	23.84	<=30	Pass
256QAM	1710.7	1	0	18.30	3.83	22.13	<=30	Pass
			2	18.28	3.83	22.11	<=30	Pass
			5	18.25	3.83	22.08	<=30	Pass
		3	0	18.01	3.83	21.84	<=30	Pass
			2	18.00	3.83	21.83	<=30	Pass
			3	18.00	3.83	21.83	<=30	Pass
		6	0	17.91	3.83	21.74	<=30	Pass
	1732.5	1	0	17.89	3.83	21.72	<=30	Pass
			2	17.89	3.83	21.72	<=30	Pass
			5	17.90	3.83	21.73	<=30	Pass
		3	0	18.13	3.83	21.96	<=30	Pass
			2	18.05	3.83	21.88	<=30	Pass
			3	18.04	3.83	21.87	<=30	Pass
		6	0	17.98	3.83	21.81	<=30	Pass
	1754.3	1	0	18.28	3.83	22.11	<=30	Pass
			2	18.33	3.83	22.16	<=30	Pass
			5	18.30	3.83	22.13	<=30	Pass
		3	0	18.23	3.83	22.06	<=30	Pass
			2	18.25	3.83	22.08	<=30	Pass
			3	18.25	3.83	22.08	<=30	Pass
		6	0	18.13	3.83	21.96	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B4_3MHz_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	22.95	3.83	26.78	<=30	Pass
			7	22.93	3.83	26.76	<=30	Pass
			14	22.83	3.83	26.66	<=30	Pass
		8	0	21.83	3.83	25.66	<=30	Pass
			4	21.86	3.83	25.69	<=30	Pass
			7	21.83	3.83	25.66	<=30	Pass
		15	0	21.87	3.83	25.70	<=30	Pass
	1732.5	1	0	22.94	3.83	26.77	<=30	Pass
			7	23.03	3.83	26.86	<=30	Pass
			14	22.96	3.83	26.79	<=30	Pass
		8	0	21.95	3.83	25.78	<=30	Pass
			4	21.91	3.83	25.74	<=30	Pass
			7	21.91	3.83	25.74	<=30	Pass
		15	0	21.91	3.83	25.74	<=30	Pass
	1753.5	1	0	22.94	3.83	26.77	<=30	Pass

		8	7	22.96	3.83	26.79	<=30	Pass
			14	22.91	3.83	26.74	<=30	Pass
			0	21.88	3.83	25.71	<=30	Pass
			4	21.90	3.83	25.73	<=30	Pass
			7	21.88	3.83	25.71	<=30	Pass
16QAM	1711.5	1	0	21.91	3.83	25.74	<=30	Pass
			0	22.04	3.83	25.87	<=30	Pass
			7	22.05	3.83	25.88	<=30	Pass
		8	14	22.04	3.83	25.87	<=30	Pass
			0	21.02	3.83	24.85	<=30	Pass
			4	21.03	3.83	24.86	<=30	Pass
			7	21.02	3.83	24.85	<=30	Pass
		15	0	21.00	3.83	24.83	<=30	Pass
			0	21.88	3.83	25.71	<=30	Pass
	1732.5	1	7	21.92	3.83	25.75	<=30	Pass
			14	21.86	3.83	25.69	<=30	Pass
			0	21.14	3.83	24.97	<=30	Pass
		8	4	21.09	3.83	24.92	<=30	Pass
			7	21.06	3.83	24.89	<=30	Pass
			0	21.08	3.83	24.91	<=30	Pass
		15	0	22.12	3.83	25.95	<=30	Pass
			7	22.24	3.83	26.07	<=30	Pass
			14	22.15	3.83	25.98	<=30	Pass
64QAM	1711.5	1	0	21.08	3.83	24.91	<=30	Pass
			4	21.08	3.83	24.91	<=30	Pass
			7	21.05	3.83	24.88	<=30	Pass
		8	0	21.05	3.83	24.88	<=30	Pass
			0	21.33	3.83	25.16	<=30	Pass
			7	21.22	3.83	25.05	<=30	Pass
		15	14	21.30	3.83	25.13	<=30	Pass
			0	20.13	3.83	23.96	<=30	Pass
			4	20.13	3.83	23.96	<=30	Pass
256QAM	1711.5	8	7	20.13	3.83	23.96	<=30	Pass
			0	19.97	3.83	23.80	<=30	Pass
			0	21.04	3.83	24.87	<=30	Pass
	1732.5	1	7	21.10	3.83	24.93	<=30	Pass
			14	21.11	3.83	24.94	<=30	Pass
			0	20.12	3.83	23.95	<=30	Pass
		8	4	20.09	3.83	23.92	<=30	Pass
			7	20.07	3.83	23.90	<=30	Pass
			0	19.95	3.83	23.78	<=30	Pass
		15	0	21.42	3.83	25.25	<=30	Pass
			7	21.49	3.83	25.32	<=30	Pass
			14	21.43	3.83	25.26	<=30	Pass
	1711.5	1	0	20.17	3.83	24.00	<=30	Pass
			4	20.17	3.83	24.00	<=30	Pass
			7	20.15	3.83	23.98	<=30	Pass
		8	0	20.02	3.83	23.85	<=30	Pass
			0	18.10	3.83	21.93	<=30	Pass
			7	18.14	3.83	21.97	<=30	Pass
		15	14	18.09	3.83	21.92	<=30	Pass
			0	18.07	3.83	21.90	<=30	Pass
			4	18.08	3.83	21.91	<=30	Pass
	1732.5	8	7	18.08	3.83	21.91	<=30	Pass
			0	18.03	3.83	21.86	<=30	Pass
			0	17.87	3.83	21.70	<=30	Pass
		1	7	17.92	3.83	21.75	<=30	Pass
			14	17.88	3.83	21.71	<=30	Pass
			0	18.03	3.83	21.86	<=30	Pass

			4	18.02	3.83	21.85	<=30	Pass
			7	17.98	3.83	21.81	<=30	Pass
		15	0	17.95	3.83	21.78	<=30	Pass
	1753.5	1	0	18.08	3.83	21.91	<=30	Pass
			7	18.18	3.83	22.01	<=30	Pass
			14	18.13	3.83	21.96	<=30	Pass
		8	0	18.15	3.83	21.98	<=30	Pass
			4	18.13	3.83	21.96	<=30	Pass
			7	18.13	3.83	21.96	<=30	Pass
		15	0	18.07	3.83	21.90	<=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	22.98	3.83	26.81	<=30	Pass
			13	22.90	3.83	26.73	<=30	Pass
			24	22.96	3.83	26.79	<=30	Pass
		12	0	21.83	3.83	25.66	<=30	Pass
			6	21.81	3.83	25.64	<=30	Pass
			13	21.82	3.83	25.65	<=30	Pass
		25	0	21.84	3.83	25.67	<=30	Pass
	1732.5	1	0	22.99	3.83	26.82	<=30	Pass
			13	22.97	3.83	26.80	<=30	Pass
			24	22.96	3.83	26.79	<=30	Pass
		12	0	21.95	3.83	25.78	<=30	Pass
			6	21.96	3.83	25.79	<=30	Pass
			13	21.92	3.83	25.75	<=30	Pass
		25	0	21.95	3.83	25.78	<=30	Pass
	1752.5	1	0	22.92	3.83	26.75	<=30	Pass
			13	22.87	3.83	26.70	<=30	Pass
			24	22.92	3.83	26.75	<=30	Pass
		12	0	21.91	3.83	25.74	<=30	Pass
			6	21.93	3.83	25.76	<=30	Pass
			13	21.91	3.83	25.74	<=30	Pass
		25	0	21.95	3.83	25.78	<=30	Pass
16QAM	1712.5	1	0	22.09	3.83	25.92	<=30	Pass
			13	22.01	3.83	25.84	<=30	Pass
			24	22.07	3.83	25.90	<=30	Pass
		12	0	21.01	3.83	24.84	<=30	Pass
			6	20.99	3.83	24.82	<=30	Pass
			13	20.97	3.83	24.80	<=30	Pass
		25	0	21.04	3.83	24.87	<=30	Pass
	1732.5	1	0	22.09	3.83	25.92	<=30	Pass
			13	22.00	3.83	25.83	<=30	Pass
			24	21.92	3.83	25.75	<=30	Pass
		12	0	21.04	3.83	24.87	<=30	Pass
			6	21.06	3.83	24.89	<=30	Pass
			13	21.06	3.83	24.89	<=30	Pass
		25	0	21.09	3.83	24.92	<=30	Pass
	1752.5	1	0	22.14	3.83	25.97	<=30	Pass
			13	22.01	3.83	25.84	<=30	Pass
			24	22.08	3.83	25.91	<=30	Pass
		12	0	21.13	3.83	24.96	<=30	Pass
			6	21.14	3.83	24.97	<=30	Pass

			13	21.09	3.83	24.92	<=30	Pass		
		25	0	21.16	3.83	24.99	<=30	Pass		
64QAM	1712.5	1	0	21.25	3.83	25.08	<=30	Pass		
			13	21.16	3.83	24.99	<=30	Pass		
			24	21.25	3.83	25.08	<=30	Pass		
			0	19.99	3.83	23.82	<=30	Pass		
		12	6	20.00	3.83	23.83	<=30	Pass		
			13	20.01	3.83	23.84	<=30	Pass		
			25	0	20.01	3.83	23.84	<=30	Pass	
		1732.5	1	0	21.00	3.83	24.83	<=30	Pass	
				13	21.04	3.83	24.87	<=30	Pass	
	24			21.06	3.83	24.89	<=30	Pass		
	0			20.06	3.83	23.89	<=30	Pass		
	12		6	20.04	3.83	23.87	<=30	Pass		
			13	20.01	3.83	23.84	<=30	Pass		
			25	0	20.12	3.83	23.95	<=30	Pass	
	1752.5		1	0	21.56	3.83	25.39	<=30	Pass	
				13	21.49	3.83	25.32	<=30	Pass	
		24		21.54	3.83	25.37	<=30	Pass		
		0		20.17	3.83	24.00	<=30	Pass		
		12	6	20.17	3.83	24.00	<=30	Pass		
			13	20.11	3.83	23.94	<=30	Pass		
			25	0	20.05	3.83	23.88	<=30	Pass	
		256QAM	1712.5	1	0	18.27	3.83	22.10	<=30	Pass
					13	18.23	3.83	22.06	<=30	Pass
24	18.25				3.83	22.08	<=30	Pass		
12	0			17.97	3.83	21.80	<=30	Pass		
	6			18.00	3.83	21.83	<=30	Pass		
	13			18.00	3.83	21.83	<=30	Pass		
25	0			17.97	3.83	21.80	<=30	Pass		
1732.5	1		0	17.99	3.83	21.82	<=30	Pass		
			13	17.99	3.83	21.82	<=30	Pass		
			24	17.98	3.83	21.81	<=30	Pass		
			0	18.02	3.83	21.85	<=30	Pass		
	12		6	18.03	3.83	21.86	<=30	Pass		
			13	18.03	3.83	21.86	<=30	Pass		
			25	0	18.13	3.83	21.96	<=30	Pass	
1752.5	1		0	18.13	3.83	21.96	<=30	Pass		
			13	18.10	3.83	21.93	<=30	Pass		
			24	18.10	3.83	21.93	<=30	Pass		
			0	18.04	3.83	21.87	<=30	Pass		
	12		6	18.07	3.83	21.90	<=30	Pass		
			13	18.03	3.83	21.86	<=30	Pass		
			25	0	18.10	3.83	21.93	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	22.97	3.83	26.80	<=30	Pass
			25	22.93	3.83	26.76	<=30	Pass
			49	23.03	3.83	26.86	<=30	Pass
		25	0	21.82	3.83	25.65	<=30	Pass
			13	21.87	3.83	25.70	<=30	Pass
			25	21.91	3.83	25.74	<=30	Pass

		50	0	21.87	3.83	25.70	<=30	Pass	
	1732.5	1	0	23.01	3.83	26.84	<=30	Pass	
			25	23.01	3.83	26.84	<=30	Pass	
			49	22.93	3.83	26.76	<=30	Pass	
			0	21.94	3.83	25.77	<=30	Pass	
		25	13	21.96	3.83	25.79	<=30	Pass	
			25	21.93	3.83	25.76	<=30	Pass	
			50	0	21.98	3.83	25.81	<=30	Pass
	1750	1	0	22.96	3.83	26.79	<=30	Pass	
			25	22.97	3.83	26.80	<=30	Pass	
			49	22.94	3.83	26.77	<=30	Pass	
			0	21.87	3.83	25.70	<=30	Pass	
		25	13	21.90	3.83	25.73	<=30	Pass	
			25	21.89	3.83	25.72	<=30	Pass	
			50	0	21.92	3.83	25.75	<=30	Pass
		16QAM	1715	1	0	22.15	3.83	25.98	<=30
	25				22.11	3.83	25.94	<=30	Pass
49	22.20				3.83	26.03	<=30	Pass	
25	0			21.07	3.83	24.90	<=30	Pass	
	13			21.15	3.83	24.98	<=30	Pass	
	25			21.18	3.83	25.01	<=30	Pass	
	50			0	21.04	3.83	24.87	<=30	Pass
1732.5	1		0	22.04	3.83	25.87	<=30	Pass	
			25	21.92	3.83	25.75	<=30	Pass	
			49	21.93	3.83	25.76	<=30	Pass	
	25		0	21.19	3.83	25.02	<=30	Pass	
			13	21.16	3.83	24.99	<=30	Pass	
			25	21.14	3.83	24.97	<=30	Pass	
			50	0	21.09	3.83	24.92	<=30	Pass
1750	1		0	21.84	3.83	25.67	<=30	Pass	
			25	21.81	3.83	25.64	<=30	Pass	
			49	21.83	3.83	25.66	<=30	Pass	
	25		0	21.05	3.83	24.88	<=30	Pass	
			13	21.12	3.83	24.95	<=30	Pass	
			25	21.08	3.83	24.91	<=30	Pass	
			50	0	21.07	3.83	24.90	<=30	Pass
64QAM	1715	1	0	21.38	3.83	25.21	<=30	Pass	
			25	21.34	3.83	25.17	<=30	Pass	
			49	21.43	3.83	25.26	<=30	Pass	
		25	0	19.96	3.83	23.79	<=30	Pass	
			13	20.04	3.83	23.87	<=30	Pass	
			25	20.08	3.83	23.91	<=30	Pass	
			50	0	20.06	3.83	23.89	<=30	Pass
	1732.5	1	0	21.66	3.83	25.49	<=30	Pass	
			25	21.51	3.83	25.34	<=30	Pass	
			49	21.57	3.83	25.40	<=30	Pass	
		25	0	20.17	3.83	24.00	<=30	Pass	
			13	20.15	3.83	23.98	<=30	Pass	
			25	20.12	3.83	23.95	<=30	Pass	
			50	0	20.05	3.83	23.88	<=30	Pass
	1750	1	0	20.96	3.83	24.79	<=30	Pass	
			25	20.98	3.83	24.81	<=30	Pass	
			49	20.84	3.83	24.67	<=30	Pass	
		25	0	19.93	3.83	23.76	<=30	Pass	
			13	19.96	3.83	23.79	<=30	Pass	
			25	19.98	3.83	23.81	<=30	Pass	
			50	0	20.01	3.83	23.84	<=30	Pass
256QAM	1715	1	0	18.08	3.83	21.91	<=30	Pass	
			25	18.07	3.83	21.90	<=30	Pass	

			49	18.13	3.83	21.96	<=30	Pass
		25	0	17.97	3.83	21.80	<=30	Pass
			13	18.04	3.83	21.87	<=30	Pass
			25	18.04	3.83	21.87	<=30	Pass
		50	0	18.01	3.83	21.84	<=30	Pass
	1732.5	1	0	18.35	3.83	22.18	<=30	Pass
			25	18.35	3.83	22.18	<=30	Pass
			49	18.29	3.83	22.12	<=30	Pass
		25	0	18.09	3.83	21.92	<=30	Pass
			13	18.08	3.83	21.91	<=30	Pass
			25	18.05	3.83	21.88	<=30	Pass
		50	0	18.07	3.83	21.90	<=30	Pass
	1750	1	0	17.85	3.83	21.68	<=30	Pass
			25	17.86	3.83	21.69	<=30	Pass
			49	17.83	3.83	21.66	<=30	Pass
		25	0	18.03	3.83	21.86	<=30	Pass
			13	18.05	3.83	21.88	<=30	Pass
			25	18.01	3.83	21.84	<=30	Pass
		50	0	18.05	3.83	21.88	<=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	22.91	3.83	26.74	<=30	Pass
			38	22.98	3.83	26.81	<=30	Pass
			74	22.93	3.83	26.76	<=30	Pass
		36	0	21.82	3.83	25.65	<=30	Pass
			18	21.91	3.83	25.74	<=30	Pass
			39	21.87	3.83	25.70	<=30	Pass
		75	0	21.89	3.83	25.72	<=30	Pass
	1732.5	1	0	22.93	3.83	26.76	<=30	Pass
			38	22.98	3.83	26.81	<=30	Pass
			74	22.83	3.83	26.66	<=30	Pass
		36	0	21.95	3.83	25.78	<=30	Pass
			18	21.97	3.83	25.80	<=30	Pass
			39	21.92	3.83	25.75	<=30	Pass
		75	0	21.93	3.83	25.76	<=30	Pass
	1747.5	1	0	22.92	3.83	26.75	<=30	Pass
			38	22.97	3.83	26.80	<=30	Pass
			74	22.87	3.83	26.70	<=30	Pass
		36	0	21.93	3.83	25.76	<=30	Pass
			18	21.91	3.83	25.74	<=30	Pass
			39	21.85	3.83	25.68	<=30	Pass
		75	0	21.92	3.83	25.75	<=30	Pass
16QAM	1717.5	1	0	22.09	3.83	25.92	<=30	Pass
			38	22.09	3.83	25.92	<=30	Pass
			74	22.05	3.83	25.88	<=30	Pass
		36	0	21.03	3.83	24.86	<=30	Pass
			18	21.08	3.83	24.91	<=30	Pass
			39	21.03	3.83	24.86	<=30	Pass
		75	0	21.07	3.83	24.90	<=30	Pass
	1732.5	1	0	21.97	3.83	25.80	<=30	Pass
			38	21.98	3.83	25.81	<=30	Pass
			74	21.81	3.83	25.64	<=30	Pass

		36	0	21.17	3.83	25.00	<=30	Pass		
			18	21.16	3.83	24.99	<=30	Pass		
			39	21.12	3.83	24.95	<=30	Pass		
		75	0	21.07	3.83	24.90	<=30	Pass		
			1747.5	1	0	21.94	3.83	25.77	<=30	Pass
					38	21.93	3.83	25.76	<=30	Pass
	74	21.77			3.83	25.60	<=30	Pass		
	36	0		21.10	3.83	24.93	<=30	Pass		
		18		21.12	3.83	24.95	<=30	Pass		
		39		21.04	3.83	24.87	<=30	Pass		
	75	0	21.14	3.83	24.97	<=30	Pass			
	64QAM	1717.5	1	0	21.39	3.83	25.22	<=30	Pass	
38				21.45	3.83	25.28	<=30	Pass		
74				21.41	3.83	25.24	<=30	Pass		
36			0	19.99	3.83	23.82	<=30	Pass		
			18	20.02	3.83	23.85	<=30	Pass		
			39	20.03	3.83	23.86	<=30	Pass		
75			0	20.02	3.83	23.85	<=30	Pass		
1732.5		1	0	21.61	3.83	25.44	<=30	Pass		
			38	21.52	3.83	25.35	<=30	Pass		
			74	21.44	3.83	25.27	<=30	Pass		
		36	0	20.15	3.83	23.98	<=30	Pass		
			18	20.13	3.83	23.96	<=30	Pass		
			39	20.11	3.83	23.94	<=30	Pass		
		75	0	20.11	3.83	23.94	<=30	Pass		
1747.5		1	0	21.28	3.83	25.11	<=30	Pass		
			38	21.35	3.83	25.18	<=30	Pass		
			74	21.32	3.83	25.15	<=30	Pass		
		36	0	20.09	3.83	23.92	<=30	Pass		
			18	20.11	3.83	23.94	<=30	Pass		
			39	20.03	3.83	23.86	<=30	Pass		
		75	0	20.01	3.83	23.84	<=30	Pass		
256QAM	1717.5	1	0	18.06	3.83	21.89	<=30	Pass		
			38	18.13	3.83	21.96	<=30	Pass		
			74	18.10	3.83	21.93	<=30	Pass		
		36	0	17.97	3.83	21.80	<=30	Pass		
			18	18.05	3.83	21.88	<=30	Pass		
			39	17.97	3.83	21.80	<=30	Pass		
		75	0	18.00	3.83	21.83	<=30	Pass		
	1732.5	1	0	18.33	3.83	22.16	<=30	Pass		
			38	18.38	3.83	22.21	<=30	Pass		
			74	18.27	3.83	22.10	<=30	Pass		
		36	0	18.08	3.83	21.91	<=30	Pass		
			18	18.10	3.83	21.93	<=30	Pass		
			39	18.04	3.83	21.87	<=30	Pass		
		75	0	18.01	3.83	21.84	<=30	Pass		
	1747.5	1	0	18.14	3.83	21.97	<=30	Pass		
			38	18.14	3.83	21.97	<=30	Pass		
			74	18.08	3.83	21.91	<=30	Pass		
		36	0	18.03	3.83	21.86	<=30	Pass		
			18	18.01	3.83	21.84	<=30	Pass		
			39	17.96	3.83	21.79	<=30	Pass		
		75	0	18.03	3.83	21.86	<=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	22.82	3.83	26.65	<=30	Pass
			50	22.92	3.83	26.75	<=30	Pass
			99	22.82	3.83	26.65	<=30	Pass
		50	0	21.86	3.83	25.69	<=30	Pass
			25	21.91	3.83	25.74	<=30	Pass
			50	21.90	3.83	25.73	<=30	Pass
		100	0	21.84	3.83	25.67	<=30	Pass
	1732.5	1	0	22.95	3.83	26.78	<=30	Pass
			50	23.04	3.83	26.87	<=30	Pass
			99	22.83	3.83	26.66	<=30	Pass
		50	0	21.97	3.83	25.80	<=30	Pass
			25	21.99	3.83	25.82	<=30	Pass
			50	21.97	3.83	25.80	<=30	Pass
		100	0	21.96	3.83	25.79	<=30	Pass
	1745	1	0	22.94	3.83	26.77	<=30	Pass
			50	22.96	3.83	26.79	<=30	Pass
			99	22.81	3.83	26.64	<=30	Pass
		50	0	21.90	3.83	25.73	<=30	Pass
			25	21.96	3.83	25.79	<=30	Pass
			50	21.91	3.83	25.74	<=30	Pass
		100	0	21.89	3.83	25.72	<=30	Pass
16QAM	1720	1	0	21.92	3.83	25.75	<=30	Pass
			50	22.00	3.83	25.83	<=30	Pass
			99	21.88	3.83	25.71	<=30	Pass
		50	0	20.97	3.83	24.80	<=30	Pass
			25	21.05	3.83	24.88	<=30	Pass
			50	21.03	3.83	24.86	<=30	Pass
		100	0	20.99	3.83	24.82	<=30	Pass
	1732.5	1	0	21.69	3.83	25.52	<=30	Pass
			50	21.79	3.83	25.62	<=30	Pass
			99	21.59	3.83	25.42	<=30	Pass
		50	0	21.07	3.83	24.90	<=30	Pass
			25	21.09	3.83	24.92	<=30	Pass
			50	21.11	3.83	24.94	<=30	Pass
		100	0	21.08	3.83	24.91	<=30	Pass
	1745	1	0	21.74	3.83	25.57	<=30	Pass
			50	21.75	3.83	25.58	<=30	Pass
			99	21.53	3.83	25.36	<=30	Pass
		50	0	21.10	3.83	24.93	<=30	Pass
			25	21.15	3.83	24.98	<=30	Pass
			50	21.13	3.83	24.96	<=30	Pass
		100	0	21.05	3.83	24.88	<=30	Pass
64QAM	1720	1	0	20.98	3.83	24.81	<=30	Pass
			50	21.12	3.83	24.95	<=30	Pass
			99	20.97	3.83	24.80	<=30	Pass
		50	0	19.97	3.83	23.80	<=30	Pass
			25	20.07	3.83	23.90	<=30	Pass
			50	20.06	3.83	23.89	<=30	Pass
		100	0	20.03	3.83	23.86	<=30	Pass
	1732.5	1	0	21.28	3.83	25.11	<=30	Pass
			50	21.33	3.83	25.16	<=30	Pass
			99	21.21	3.83	25.04	<=30	Pass
		50	0	20.03	3.83	23.86	<=30	Pass
			25	20.10	3.83	23.93	<=30	Pass
			50	20.09	3.83	23.92	<=30	Pass
	100	0	20.08	3.83	23.91	23.91	<=30	Pass

	1745	1	0	21.18	3.83	25.01	<=30	Pass		
			50	21.23	3.83	25.06	<=30	Pass		
			99	21.10	3.83	24.93	<=30	Pass		
		50	0	20.10	3.83	23.93	<=30	Pass		
			25	20.15	3.83	23.98	<=30	Pass		
			50	20.14	3.83	23.97	<=30	Pass		
		100	0	20.04	3.83	23.87	<=30	Pass		
		256QAM	1720	1	0	17.87	3.83	21.70	<=30	Pass
					50	17.96	3.83	21.79	<=30	Pass
99	17.89				3.83	21.72	<=30	Pass		
50	0			17.91	3.83	21.74	<=30	Pass		
	25			18.03	3.83	21.86	<=30	Pass		
	50			17.99	3.83	21.82	<=30	Pass		
100	0			17.95	3.83	21.78	<=30	Pass		
1732.5	1			0	18.57	3.83	22.40	<=30	Pass	
				50	18.64	3.83	22.47	<=30	Pass	
			99	18.49	3.83	22.32	<=30	Pass		
	50		0	18.06	3.83	21.89	<=30	Pass		
			25	18.11	3.83	21.94	<=30	Pass		
			50	18.07	3.83	21.90	<=30	Pass		
	100		0	18.04	3.83	21.87	<=30	Pass		
	1745		1	0	17.85	3.83	21.68	<=30	Pass	
				50	17.88	3.83	21.71	<=30	Pass	
99				17.76	3.83	21.59	<=30	Pass		
50			0	17.99	3.83	21.82	<=30	Pass		
			25	18.07	3.83	21.90	<=30	Pass		
			50	18.03	3.83	21.86	<=30	Pass		
100			0	17.97	3.83	21.80	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

2. Field Strength of Spurious Radiation

Test Band = LTE_4_TM1

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3312.5	48.24	-44.33	28.53	-62.82	-13.00	49.82	Horizontal
2	5035.5	46.15	-42.43	31.48	-60.06	-13.00	47.06	Horizontal
3	7059	44.23	-38.82	36.15	-53.70	-13.00	40.70	Horizontal
4	9331	42.72	-35.41	37.29	-50.66	-13.00	37.66	Horizontal
5	13258	43.52	-34.16	39.73	-46.17	-13.00	33.17	Horizontal
6	16168.5	41.63	-29.21	38.10	-44.74	-13.00	31.74	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3062.5	51.20	-44.45	28.83	-59.68	-13.00	46.68	Vertical
2	4032.5	47.37	-43.78	29.67	-62.00	-13.00	49.00	Vertical
3	6579	44.54	-39.70	34.67	-55.75	-13.00	42.75	Vertical
4	8713.5	42.88	-35.95	36.65	-51.68	-13.00	38.68	Vertical
5	11531	44.06	-34.58	40.23	-45.55	-13.00	32.55	Vertical
6	16582	40.90	-30.91	39.46	-45.81	-13.00	32.81	Vertical

Test Band = LTE_4_TM1
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3062.5	50.80	-44.45	28.83	-60.08	-13.00	47.08	Horizontal
2	3938	46.95	-43.80	29.85	-62.26	-13.00	49.26	Horizontal
3	6674	44.46	-39.37	35.00	-55.17	-13.00	42.17	Horizontal
4	11535	43.61	-34.57	40.24	-45.98	-13.00	32.98	Horizontal
5	14806.5	41.72	-32.53	41.56	-44.51	-13.00	31.51	Horizontal
6	16909.5	41.20	-32.05	40.30	-45.81	-13.00	32.81	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3062.5	50.15	-44.45	28.83	-60.73	-13.00	47.73	Vertical
2	3953	46.94	-43.74	29.89	-62.17	-13.00	49.17	Vertical
3	5572.5	46.18	-41.59	32.38	-58.29	-13.00	45.29	Vertical
4	8496	43.14	-36.06	36.49	-51.69	-13.00	38.69	Vertical
5	11537.5	43.61	-34.57	40.24	-45.98	-13.00	32.98	Vertical
6	16119	40.96	-28.43	38.10	-44.63	-13.00	31.63	Vertical

Test Band = LTE_4_TM1
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3482.5	47.60	-44.35	29.03	-62.98	-13.00	49.98	Horizontal
2	4884.5	46.47	-42.49	30.81	-60.47	-13.00	47.47	Horizontal
3	6706	45.21	-39.27	35.11	-54.21	-13.00	41.21	Horizontal
4	9487.5	42.91	-34.99	37.73	-49.61	-13.00	36.61	Horizontal
5	11532	43.80	-34.58	40.23	-45.81	-13.00	32.81	Horizontal
6	16178.5	41.17	-29.29	38.10	-45.28	-13.00	32.28	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3062.5	51.44	-44.45	28.83	-59.44	-13.00	46.44	Vertical
2	4910.5	46.28	-42.42	30.92	-60.48	-13.00	47.48	Vertical
3	7187.5	44.27	-38.19	36.55	-52.63	-13.00	39.63	Vertical
4	10378.5	42.99	-34.63	39.18	-47.72	-13.00	34.72	Vertical
5	14808.5	41.84	-32.55	41.55	-44.42	-13.00	31.42	Vertical
6	17998.5	40.24	-39.77	48.17	-46.62	-13.00	33.62	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---