

**Appendix A.4****1. Effective (Isotropic) Radiated Power Output Data****1.1 Test Result****1.1.1 B12_1.4MHz_ERP**

Band: 12 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	699.7	1	0	22.40	2.29	22.54	<=34.77	Pass
			2	22.52	2.29	22.66	<=34.77	Pass
			5	22.52	2.29	22.66	<=34.77	Pass
		3	0	22.45	2.29	22.59	<=34.77	Pass
			2	22.66	2.29	22.80	<=34.77	Pass
			3	22.57	2.29	22.71	<=34.77	Pass
		6	0	21.53	2.29	21.67	<=34.77	Pass
	707.5	1	0	21.41	2.29	21.55	<=34.77	Pass
			2	21.50	2.29	21.64	<=34.77	Pass
			5	21.47	2.29	21.61	<=34.77	Pass
		3	0	21.36	2.29	21.50	<=34.77	Pass
			2	21.38	2.29	21.52	<=34.77	Pass
			3	21.36	2.29	21.50	<=34.77	Pass
		6	0	20.44	2.29	20.58	<=34.77	Pass
	715.3	1	0	22.48	2.29	22.62	<=34.77	Pass
			2	22.60	2.29	22.74	<=34.77	Pass
			5	22.59	2.29	22.73	<=34.77	Pass
		3	0	22.55	2.29	22.69	<=34.77	Pass
			2	22.62	2.29	22.76	<=34.77	Pass
			3	22.62	2.29	22.76	<=34.77	Pass
		6	0	21.46	2.29	21.60	<=34.77	Pass
16QAM	699.7	1	0	21.48	2.29	21.62	<=34.77	Pass
			2	21.63	2.29	21.77	<=34.77	Pass
			5	21.60	2.29	21.74	<=34.77	Pass
		3	0	21.56	2.29	21.70	<=34.77	Pass
			2	21.57	2.29	21.71	<=34.77	Pass
			3	21.53	2.29	21.67	<=34.77	Pass
		6	0	20.61	2.29	20.75	<=34.77	Pass
	707.5	1	0	20.13	2.29	20.27	<=34.77	Pass
			2	20.18	2.29	20.32	<=34.77	Pass
			5	20.18	2.29	20.32	<=34.77	Pass
		3	0	20.39	2.29	20.53	<=34.77	Pass
			2	20.43	2.29	20.57	<=34.77	Pass
			3	20.42	2.29	20.56	<=34.77	Pass
		6	0	19.40	2.29	19.54	<=34.77	Pass
	715.3	1	0	21.35	2.29	21.49	<=34.77	Pass
			2	21.50	2.29	21.64	<=34.77	Pass
			5	21.62	2.29	21.76	<=34.77	Pass
		3	0	21.36	2.29	21.50	<=34.77	Pass
			2	21.49	2.29	21.63	<=34.77	Pass



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		3	21.52	2.29	21.66	<=34.77	Pass
		6	20.50	2.29	20.64	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15							

1.1.2 B12_3MHz_ERP

Band: 12 / Bandwidth: 3MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	700.5	1	0	22.21	2.29	22.35	<=34.77	Pass
			7	22.38	2.29	22.52	<=34.77	Pass
			14	22.23	2.29	22.37	<=34.77	Pass
		8	0	21.30	2.29	21.44	<=34.77	Pass
			4	21.37	2.29	21.51	<=34.77	Pass
			7	21.31	2.29	21.45	<=34.77	Pass
		15	0	21.29	2.29	21.43	<=34.77	Pass
	707.5	1	0	21.38	2.29	21.52	<=34.77	Pass
			7	21.38	2.29	21.52	<=34.77	Pass
			14	21.61	2.29	21.75	<=34.77	Pass
		8	0	20.38	2.29	20.52	<=34.77	Pass
			4	20.45	2.29	20.59	<=34.77	Pass
			7	20.51	2.29	20.65	<=34.77	Pass
		15	0	20.43	2.29	20.57	<=34.77	Pass
	714.5	1	0	22.28	2.29	22.42	<=34.77	Pass
			7	22.53	2.29	22.67	<=34.77	Pass
			14	22.54	2.29	22.68	<=34.77	Pass
		8	0	21.39	2.29	21.53	<=34.77	Pass
			4	21.26	2.29	21.40	<=34.77	Pass
			7	21.33	2.29	21.47	<=34.77	Pass
		15	0	21.29	2.29	21.43	<=34.77	Pass
16QAM	700.5	1	0	21.36	2.29	21.50	<=34.77	Pass
			7	21.56	2.29	21.70	<=34.77	Pass
			14	21.33	2.29	21.47	<=34.77	Pass
		8	0	20.35	2.29	20.49	<=34.77	Pass
			4	20.44	2.29	20.58	<=34.77	Pass
			7	20.41	2.29	20.55	<=34.77	Pass
		15	0	20.31	2.29	20.45	<=34.77	Pass
	707.5	1	0	20.29	2.29	20.43	<=34.77	Pass
			7	20.38	2.29	20.52	<=34.77	Pass
			14	20.53	2.29	20.67	<=34.77	Pass
		8	0	19.48	2.29	19.62	<=34.77	Pass
			4	19.54	2.29	19.68	<=34.77	Pass
			7	19.63	2.29	19.77	<=34.77	Pass
		15	0	19.50	2.29	19.64	<=34.77	Pass
	714.5	1	0	20.97	2.29	21.11	<=34.77	Pass
			7	21.04	2.29	21.18	<=34.77	Pass
			14	21.16	2.29	21.30	<=34.77	Pass
		8	0	20.33	2.29	20.47	<=34.77	Pass
			4	20.36	2.29	20.50	<=34.77	Pass
			7	20.40	2.29	20.54	<=34.77	Pass
		15	0	20.38	2.29	20.52	<=34.77	Pass



Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	22.43	2.29	22.57	<=34.77	Pass
			13	22.39	2.29	22.53	<=34.77	Pass
			24	22.10	2.29	22.24	<=34.77	Pass
		12	0	21.39	2.29	21.53	<=34.77	Pass
			6	21.32	2.29	21.46	<=34.77	Pass
			13	21.20	2.29	21.34	<=34.77	Pass
		25	0	21.29	2.29	21.43	<=34.77	Pass
	707.5	1	0	21.76	2.29	21.90	<=34.77	Pass
			13	21.49	2.29	21.63	<=34.77	Pass
			24	22.26	2.29	22.40	<=34.77	Pass
		12	0	20.50	2.29	20.64	<=34.77	Pass
			6	20.47	2.29	20.61	<=34.77	Pass
			13	20.82	2.29	20.96	<=34.77	Pass
		25	0	20.64	2.29	20.78	<=34.77	Pass
	713.5	1	0	22.73	2.29	22.87	<=34.77	Pass
			13	22.66	2.29	22.80	<=34.77	Pass
			24	22.87	2.29	23.01	<=34.77	Pass
		12	0	21.72	2.29	21.86	<=34.77	Pass
			6	21.70	2.29	21.84	<=34.77	Pass
			13	21.74	2.29	21.88	<=34.77	Pass
		25	0	21.75	2.29	21.89	<=34.77	Pass
16QAM	701.5	1	0	21.55	2.29	21.69	<=34.77	Pass
			13	21.44	2.29	21.58	<=34.77	Pass
			24	21.22	2.29	21.36	<=34.77	Pass
		12	0	20.44	2.29	20.58	<=34.77	Pass
			6	20.35	2.29	20.49	<=34.77	Pass
			13	20.26	2.29	20.40	<=34.77	Pass
		25	0	20.36	2.29	20.50	<=34.77	Pass
	707.5	1	0	20.79	2.29	20.93	<=34.77	Pass
			13	20.52	2.29	20.66	<=34.77	Pass
			24	21.27	2.29	21.41	<=34.77	Pass
		12	0	19.57	2.29	19.71	<=34.77	Pass
			6	19.53	2.29	19.67	<=34.77	Pass
			13	19.88	2.29	20.02	<=34.77	Pass
		25	0	19.75	2.29	19.89	<=34.77	Pass
	713.5	1	0	21.88	2.29	22.02	<=34.77	Pass
			13	21.84	2.29	21.98	<=34.77	Pass
			24	22.14	2.29	22.28	<=34.77	Pass
		12	0	20.78	2.29	20.92	<=34.77	Pass
			6	20.47	2.29	20.61	<=34.77	Pass
			13	20.52	2.29	20.66	<=34.77	Pass
		25	0	20.58	2.29	20.72	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.1.4 B12_10MHz_ERP

Band: 12 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	704	1	0	22.50	2.29	22.64	<=34.77	Pass
			25	21.80	2.29	21.94	<=34.77	Pass
			49	21.62	2.29	21.76	<=34.77	Pass
		25	0	21.36	2.29	21.50	<=34.77	Pass
			13	20.93	2.29	21.07	<=34.77	Pass
			25	20.61	2.29	20.75	<=34.77	Pass
		50	0	20.96	2.29	21.10	<=34.77	Pass
	707.5	1	0	22.39	2.29	22.53	<=34.77	Pass
			25	21.41	2.29	21.55	<=34.77	Pass
			49	23.20	2.29	23.34	<=34.77	Pass
		25	0	20.68	2.29	20.82	<=34.77	Pass
			13	20.57	2.29	20.71	<=34.77	Pass
			25	21.28	2.29	21.42	<=34.77	Pass
		50	0	20.99	2.29	21.13	<=34.77	Pass
	711	1	0	21.29	2.29	21.43	<=34.77	Pass
			25	22.53	2.29	22.67	<=34.77	Pass
			49	23.02	2.29	23.16	<=34.77	Pass
		25	0	20.77	2.29	20.91	<=34.77	Pass
			13	21.54	2.29	21.68	<=34.77	Pass
			25	21.89	2.29	22.03	<=34.77	Pass
		50	0	21.42	2.29	21.56	<=34.77	Pass
16QAM	704	1	0	21.73	2.29	21.87	<=34.77	Pass
			25	21.09	2.29	21.23	<=34.77	Pass
			49	20.97	2.29	21.11	<=34.77	Pass
		12	0	21.53	2.29	21.67	<=34.77	Pass
			19	20.91	2.29	21.05	<=34.77	Pass
			38	20.57	2.29	20.71	<=34.77	Pass
		27	0	20.23	2.29	20.37	<=34.77	Pass
	707.5	1	0	21.25	2.29	21.39	<=34.77	Pass
			25	20.34	2.29	20.48	<=34.77	Pass
			49	22.13	2.29	22.27	<=34.77	Pass
		12	0	20.96	2.29	21.10	<=34.77	Pass
			19	20.36	2.29	20.50	<=34.77	Pass
			38	21.75	2.29	21.89	<=34.77	Pass
		27	0	19.74	2.29	19.88	<=34.77	Pass
	711	1	0	20.15	2.29	20.29	<=34.77	Pass
			25	21.41	2.29	21.55	<=34.77	Pass
			49	21.93	2.29	22.07	<=34.77	Pass
		12	0	20.44	2.29	20.58	<=34.77	Pass
			19	21.58	2.29	21.72	<=34.77	Pass
			38	21.91	2.29	22.05	<=34.77	Pass
		27	23	20.91	2.29	21.05	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

---End of Attachment---