

**Appendix A.3****1. Effective (Isotropic) Radiated Power Output Data****1.1 Test Result****1.1.1 B5_1.4MHz_ERP**

Band: 5 / Bandwidth: 1.4MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.42	0.80	22.07	<=38.45	Pass
			2	23.56	0.80	22.21	<=38.45	Pass
			5	23.60	0.80	22.25	<=38.45	Pass
		3	0	23.61	0.80	22.26	<=38.45	Pass
			2	23.62	0.80	22.27	<=38.45	Pass
			3	23.58	0.80	22.23	<=38.45	Pass
		6	0	22.80	0.80	21.45	<=38.45	Pass
	836.5	1	0	23.70	0.80	22.35	<=38.45	Pass
			2	23.88	0.80	22.53	<=38.45	Pass
			5	23.70	0.80	22.35	<=38.45	Pass
		3	0	23.66	0.80	22.31	<=38.45	Pass
			2	23.74	0.80	22.39	<=38.45	Pass
			3	23.76	0.80	22.41	<=38.45	Pass
		6	0	22.74	0.80	21.39	<=38.45	Pass
	848.3	1	0	23.52	0.80	22.17	<=38.45	Pass
			2	23.64	0.80	22.29	<=38.45	Pass
			5	23.48	0.80	22.13	<=38.45	Pass
		3	0	23.57	0.80	22.22	<=38.45	Pass
			2	23.53	0.80	22.18	<=38.45	Pass
			3	23.61	0.80	22.26	<=38.45	Pass
		6	0	22.72	0.80	21.37	<=38.45	Pass
16QAM	824.7	1	0	22.83	0.80	21.48	<=38.45	Pass
			2	23.01	0.80	21.66	<=38.45	Pass
			5	22.96	0.80	21.61	<=38.45	Pass
		3	0	22.66	0.80	21.31	<=38.45	Pass
			2	22.80	0.80	21.45	<=38.45	Pass
			3	22.60	0.80	21.25	<=38.45	Pass
		6	0	21.77	0.80	20.42	<=38.45	Pass
	836.5	1	0	23.04	0.80	21.69	<=38.45	Pass
			2	23.27	0.80	21.92	<=38.45	Pass
			5	23.13	0.80	21.78	<=38.45	Pass
		3	0	22.75	0.80	21.40	<=38.45	Pass
			2	22.79	0.80	21.44	<=38.45	Pass
			3	22.87	0.80	21.52	<=38.45	Pass
		6	0	21.76	0.80	20.41	<=38.45	Pass
	848.3	1	0	22.98	0.80	21.63	<=38.45	Pass
			2	23.00	0.80	21.65	<=38.45	Pass
			5	22.76	0.80	21.41	<=38.45	Pass
		3	0	22.72	0.80	21.37	<=38.45	Pass
			2	22.82	0.80	21.47	<=38.45	Pass
			5	22.82	0.80	21.47	<=38.45	Pass



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		6	3	22.56	0.80	21.21	<=38.45	Pass
			0	21.77	0.80	20.42	<=38.45	Pass
64QAM	824.7	1	0	22.83	0.80	21.48	<=38.45	Pass
			2	22.81	0.80	21.46	<=38.45	Pass
			5	22.91	0.80	21.56	<=38.45	Pass
		3	0	22.78	0.80	21.43	<=38.45	Pass
			2	22.73	0.80	21.38	<=38.45	Pass
			3	22.69	0.80	21.34	<=38.45	Pass
		6	0	21.69	0.80	20.34	<=38.45	Pass
	836.5	1	0	23.02	0.80	21.67	<=38.45	Pass
			2	23.11	0.80	21.76	<=38.45	Pass
			5	22.88	0.80	21.53	<=38.45	Pass
		3	0	22.94	0.80	21.59	<=38.45	Pass
			2	23.11	0.80	21.76	<=38.45	Pass
			3	22.87	0.80	21.52	<=38.45	Pass
		6	0	21.84	0.80	20.49	<=38.45	Pass
	848.3	1	0	22.77	0.80	21.42	<=38.45	Pass
			2	22.83	0.80	21.48	<=38.45	Pass
			5	22.77	0.80	21.42	<=38.45	Pass
		3	0	22.71	0.80	21.36	<=38.45	Pass
			2	23.00	0.80	21.65	<=38.45	Pass
			3	22.65	0.80	21.30	<=38.45	Pass
		6	0	21.77	0.80	20.42	<=38.45	Pass
256QAM	824.7	1	0	18.83	0.80	17.48	<=38.45	Pass
			2	18.98	0.80	17.63	<=38.45	Pass
			5	18.86	0.80	17.51	<=38.45	Pass
		3	0	18.99	0.80	17.64	<=38.45	Pass
			2	18.97	0.80	17.62	<=38.45	Pass
			3	18.83	0.80	17.48	<=38.45	Pass
		6	0	18.73	0.80	17.38	<=38.45	Pass
	836.5	1	0	18.83	0.80	17.48	<=38.45	Pass
			2	19.10	0.80	17.75	<=38.45	Pass
			5	19.09	0.80	17.74	<=38.45	Pass
		3	0	18.88	0.80	17.53	<=38.45	Pass
			2	19.10	0.80	17.75	<=38.45	Pass
			3	18.98	0.80	17.63	<=38.45	Pass
		6	0	18.77	0.80	17.42	<=38.45	Pass
	848.3	1	0	18.91	0.80	17.56	<=38.45	Pass
			2	18.58	0.80	17.23	<=38.45	Pass
			5	18.92	0.80	17.57	<=38.45	Pass
		3	0	18.90	0.80	17.55	<=38.45	Pass
			2	18.91	0.80	17.56	<=38.45	Pass
			3	18.83	0.80	17.48	<=38.45	Pass
		6	0	18.76	0.80	17.41	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	

QPSK	825.5	1	0	23.63	0.80	22.28	<=38.45	Pass
			7	23.73	0.80	22.38	<=38.45	Pass
			14	23.68	0.80	22.33	<=38.45	Pass
		8	0	22.75	0.80	21.40	<=38.45	Pass
			4	22.77	0.80	21.42	<=38.45	Pass
			7	22.79	0.80	21.44	<=38.45	Pass
		15	0	22.80	0.80	21.45	<=38.45	Pass
	836.5	1	0	23.91	0.80	22.56	<=38.45	Pass
			7	23.88	0.80	22.53	<=38.45	Pass
			14	23.87	0.80	22.52	<=38.45	Pass
		8	0	22.88	0.80	21.53	<=38.45	Pass
			4	22.96	0.80	21.61	<=38.45	Pass
			7	22.94	0.80	21.59	<=38.45	Pass
		15	0	22.85	0.80	21.50	<=38.45	Pass
	847.5	1	0	23.81	0.80	22.46	<=38.45	Pass
			7	23.74	0.80	22.39	<=38.45	Pass
			14	23.82	0.80	22.47	<=38.45	Pass
		8	0	22.78	0.80	21.43	<=38.45	Pass
			4	22.79	0.80	21.44	<=38.45	Pass
			7	22.73	0.80	21.38	<=38.45	Pass
		15	0	22.86	0.80	21.51	<=38.45	Pass
16QAM	825.5	1	0	23.00	0.80	21.65	<=38.45	Pass
			7	22.61	0.80	21.26	<=38.45	Pass
			14	23.18	0.80	21.83	<=38.45	Pass
		8	0	21.82	0.80	20.47	<=38.45	Pass
			4	21.90	0.80	20.55	<=38.45	Pass
			7	21.79	0.80	20.44	<=38.45	Pass
		15	0	21.86	0.80	20.51	<=38.45	Pass
	836.5	1	0	23.23	0.80	21.88	<=38.45	Pass
			7	23.15	0.80	21.80	<=38.45	Pass
			14	23.14	0.80	21.79	<=38.45	Pass
		8	0	21.88	0.80	20.53	<=38.45	Pass
			4	21.84	0.80	20.49	<=38.45	Pass
			7	21.89	0.80	20.54	<=38.45	Pass
		15	0	21.92	0.80	20.57	<=38.45	Pass
	847.5	1	0	22.96	0.80	21.61	<=38.45	Pass
			7	22.85	0.80	21.50	<=38.45	Pass
			14	22.95	0.80	21.60	<=38.45	Pass
		8	0	21.87	0.80	20.52	<=38.45	Pass
			4	21.87	0.80	20.52	<=38.45	Pass
			7	21.82	0.80	20.47	<=38.45	Pass
		15	0	21.81	0.80	20.46	<=38.45	Pass
64QAM	825.5	1	0	22.77	0.80	21.42	<=38.45	Pass
			7	23.05	0.80	21.70	<=38.45	Pass
			14	23.00	0.80	21.65	<=38.45	Pass
		8	0	21.95	0.80	20.60	<=38.45	Pass
			4	21.88	0.80	20.53	<=38.45	Pass
			7	21.86	0.80	20.51	<=38.45	Pass
		15	0	21.86	0.80	20.51	<=38.45	Pass
	836.5	1	0	23.08	0.80	21.73	<=38.45	Pass
			7	23.21	0.80	21.86	<=38.45	Pass
			14	23.11	0.80	21.76	<=38.45	Pass
		8	0	21.87	0.80	20.52	<=38.45	Pass



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		15	4	21.94	0.80	20.59	<=38.45	Pass
			7	21.99	0.80	20.64	<=38.45	Pass
			0	21.80	0.80	20.45	<=38.45	Pass
	847.5	1	0	22.98	0.80	21.63	<=38.45	Pass
			7	22.69	0.80	21.34	<=38.45	Pass
			14	23.08	0.80	21.73	<=38.45	Pass
		8	0	21.82	0.80	20.47	<=38.45	Pass
			4	21.94	0.80	20.59	<=38.45	Pass
			7	21.73	0.80	20.38	<=38.45	Pass
		15	0	21.77	0.80	20.42	<=38.45	Pass
	825.5	1	0	18.76	0.80	17.41	<=38.45	Pass
			7	19.14	0.80	17.79	<=38.45	Pass
			14	18.98	0.80	17.63	<=38.45	Pass
		8	0	18.90	0.80	17.55	<=38.45	Pass
			4	18.91	0.80	17.56	<=38.45	Pass
			7	18.91	0.80	17.56	<=38.45	Pass
		15	0	18.92	0.80	17.57	<=38.45	Pass
256QAM	836.5	1	0	18.94	0.80	17.59	<=38.45	Pass
			7	18.97	0.80	17.62	<=38.45	Pass
			14	18.97	0.80	17.62	<=38.45	Pass
		8	0	19.03	0.80	17.68	<=38.45	Pass
			4	18.94	0.80	17.59	<=38.45	Pass
			7	19.05	0.80	17.70	<=38.45	Pass
		15	0	18.92	0.80	17.57	<=38.45	Pass
	847.5	1	0	18.87	0.80	17.52	<=38.45	Pass
			7	18.87	0.80	17.52	<=38.45	Pass
			14	18.80	0.80	17.45	<=38.45	Pass
		8	0	19.00	0.80	17.65	<=38.45	Pass
			4	18.89	0.80	17.54	<=38.45	Pass
			7	18.86	0.80	17.51	<=38.45	Pass
		15	0	18.88	0.80	17.53	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	23.72	0.80	22.37	<=38.45	Pass
			13	23.79	0.80	22.44	<=38.45	Pass
			24	23.63	0.80	22.28	<=38.45	Pass
		12	0	22.84	0.80	21.49	<=38.45	Pass
			6	22.77	0.80	21.42	<=38.45	Pass
			13	22.83	0.80	21.48	<=38.45	Pass
		25	0	22.77	0.80	21.42	<=38.45	Pass
	836.5	1	0	23.84	0.80	22.49	<=38.45	Pass
			13	23.87	0.80	22.52	<=38.45	Pass
			24	23.87	0.80	22.52	<=38.45	Pass
		12	0	22.86	0.80	21.51	<=38.45	Pass
			6	22.90	0.80	21.55	<=38.45	Pass
			13	22.99	0.80	21.64	<=38.45	Pass

	846.5	25	0	22.82	0.80	21.47	<=38.45	Pass
		1	0	23.77	0.80	22.42	<=38.45	Pass
			13	23.77	0.80	22.42	<=38.45	Pass
			24	23.62	0.80	22.27	<=38.45	Pass
		12	0	22.76	0.80	21.41	<=38.45	Pass
			6	22.73	0.80	21.38	<=38.45	Pass
			13	22.81	0.80	21.46	<=38.45	Pass
		25	0	22.74	0.80	21.39	<=38.45	Pass
16QAM	826.5	1	0	23.04	0.80	21.69	<=38.45	Pass
			13	23.14	0.80	21.79	<=38.45	Pass
			24	23.16	0.80	21.81	<=38.45	Pass
		12	0	21.76	0.80	20.41	<=38.45	Pass
			6	21.81	0.80	20.46	<=38.45	Pass
			13	21.84	0.80	20.49	<=38.45	Pass
		25	0	21.83	0.80	20.48	<=38.45	Pass
	836.5	1	0	23.24	0.80	21.89	<=38.45	Pass
			13	23.36	0.80	22.01	<=38.45	Pass
			24	23.44	0.80	22.09	<=38.45	Pass
		12	0	21.92	0.80	20.57	<=38.45	Pass
			6	21.88	0.80	20.53	<=38.45	Pass
			13	21.94	0.80	20.59	<=38.45	Pass
		25	0	21.95	0.80	20.60	<=38.45	Pass
	846.5	1	0	22.93	0.80	21.58	<=38.45	Pass
			13	23.23	0.80	21.88	<=38.45	Pass
			24	23.17	0.80	21.82	<=38.45	Pass
		12	0	21.70	0.80	20.35	<=38.45	Pass
			6	21.77	0.80	20.42	<=38.45	Pass
			13	21.78	0.80	20.43	<=38.45	Pass
		25	0	21.79	0.80	20.44	<=38.45	Pass
64QAM	826.5	1	0	23.09	0.80	21.74	<=38.45	Pass
			13	22.87	0.80	21.52	<=38.45	Pass
			24	23.00	0.80	21.65	<=38.45	Pass
		12	0	21.94	0.80	20.59	<=38.45	Pass
			6	21.80	0.80	20.45	<=38.45	Pass
			13	21.81	0.80	20.46	<=38.45	Pass
		25	0	21.89	0.80	20.54	<=38.45	Pass
	836.5	1	0	23.09	0.80	21.74	<=38.45	Pass
			13	23.20	0.80	21.85	<=38.45	Pass
			24	23.22	0.80	21.87	<=38.45	Pass
		12	0	21.82	0.80	20.47	<=38.45	Pass
			6	21.82	0.80	20.47	<=38.45	Pass
			13	21.93	0.80	20.58	<=38.45	Pass
		25	0	21.96	0.80	20.61	<=38.45	Pass
	846.5	1	0	22.97	0.80	21.62	<=38.45	Pass
			13	22.97	0.80	21.62	<=38.45	Pass
			24	22.80	0.80	21.45	<=38.45	Pass
		12	0	21.85	0.80	20.50	<=38.45	Pass
			6	21.70	0.80	20.35	<=38.45	Pass
			13	21.87	0.80	20.52	<=38.45	Pass
		25	0	21.68	0.80	20.33	<=38.45	Pass
256QAM	826.5	1	0	18.77	0.80	17.42	<=38.45	Pass
			13	18.78	0.80	17.43	<=38.45	Pass
			24	18.93	0.80	17.58	<=38.45	Pass



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	836.5	12	0	18.88	0.80	17.53	<=38.45	Pass
			6	18.85	0.80	17.50	<=38.45	Pass
			13	18.75	0.80	17.40	<=38.45	Pass
		25	0	18.91	0.80	17.56	<=38.45	Pass
			0	19.08	0.80	17.73	<=38.45	Pass
			13	19.08	0.80	17.73	<=38.45	Pass
		1	24	19.03	0.80	17.68	<=38.45	Pass
			0	18.97	0.80	17.62	<=38.45	Pass
			6	18.95	0.80	17.60	<=38.45	Pass
	846.5	12	13	18.97	0.80	17.62	<=38.45	Pass
			0	18.94	0.80	17.59	<=38.45	Pass
			0	18.78	0.80	17.43	<=38.45	Pass
		1	13	19.29	0.80	17.94	<=38.45	Pass
			24	19.20	0.80	17.85	<=38.45	Pass
			0	18.88	0.80	17.53	<=38.45	Pass
		12	6	18.78	0.80	17.43	<=38.45	Pass
			13	18.74	0.80	17.39	<=38.45	Pass
			0	18.76	0.80	17.41	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.53	0.80	22.18	<=38.45	Pass
			25	23.64	0.80	22.29	<=38.45	Pass
			49	23.54	0.80	22.19	<=38.45	Pass
		25	0	22.74	0.80	21.39	<=38.45	Pass
			13	22.83	0.80	21.48	<=38.45	Pass
			25	22.89	0.80	21.54	<=38.45	Pass
		50	0	22.87	0.80	21.52	<=38.45	Pass
			0	23.79	0.80	22.44	<=38.45	Pass
			25	23.71	0.80	22.36	<=38.45	Pass
	836.5	1	49	23.71	0.80	22.36	<=38.45	Pass
			0	22.90	0.80	21.55	<=38.45	Pass
			13	22.91	0.80	21.56	<=38.45	Pass
		25	25	22.97	0.80	21.62	<=38.45	Pass
			0	22.81	0.80	21.46	<=38.45	Pass
			0	23.72	0.80	22.37	<=38.45	Pass
		1	25	23.55	0.80	22.20	<=38.45	Pass
			49	23.44	0.80	22.09	<=38.45	Pass
			0	22.84	0.80	21.49	<=38.45	Pass
	844	25	13	22.87	0.80	21.52	<=38.45	Pass
			25	22.87	0.80	21.52	<=38.45	Pass
			0	22.85	0.80	21.50	<=38.45	Pass

	836.5		25	22.05	0.80	20.70	<=38.45	Pass		
		50	0	21.93	0.80	20.58	<=38.45	Pass		
		1	0	23.30	0.80	21.95	<=38.45	Pass		
			25	23.12	0.80	21.77	<=38.45	Pass		
			49	23.21	0.80	21.86	<=38.45	Pass		
		25	0	21.93	0.80	20.58	<=38.45	Pass		
			13	21.94	0.80	20.59	<=38.45	Pass		
			25	22.01	0.80	20.66	<=38.45	Pass		
		50	0	21.91	0.80	20.56	<=38.45	Pass		
		844	1	0	23.06	0.80	21.71	<=38.45	Pass	
				25	23.01	0.80	21.66	<=38.45	Pass	
				49	23.13	0.80	21.78	<=38.45	Pass	
	25		0	21.96	0.80	20.61	<=38.45	Pass		
			13	21.87	0.80	20.52	<=38.45	Pass		
			25	21.93	0.80	20.58	<=38.45	Pass		
	50	0	21.92	0.80	20.57	<=38.45	Pass			
	64QAM	829	1	0	22.89	0.80	21.54	<=38.45	Pass	
				25	22.89	0.80	21.54	<=38.45	Pass	
49				22.98	0.80	21.63	<=38.45	Pass		
25			0	21.79	0.80	20.44	<=38.45	Pass		
			13	21.96	0.80	20.61	<=38.45	Pass		
			25	21.92	0.80	20.57	<=38.45	Pass		
			50	0	21.83	0.80	20.48	<=38.45	Pass	
			836.5	1	0	23.06	0.80	21.71	<=38.45	Pass
25					23.08	0.80	21.73	<=38.45	Pass	
49		23.01			0.80	21.66	<=38.45	Pass		
25		0		21.96	0.80	20.61	<=38.45	Pass		
		13		21.96	0.80	20.61	<=38.45	Pass		
		25		22.01	0.80	20.66	<=38.45	Pass		
50		0	21.88	0.80	20.53	<=38.45	Pass			
844		1	0	23.16	0.80	21.81	<=38.45	Pass		
			25	22.98	0.80	21.63	<=38.45	Pass		
			49	22.86	0.80	21.51	<=38.45	Pass		
		25	0	21.85	0.80	20.50	<=38.45	Pass		
			13	21.83	0.80	20.48	<=38.45	Pass		
			25	21.71	0.80	20.36	<=38.45	Pass		
			50	0	21.92	0.80	20.57	<=38.45	Pass	
			256QAM	829	1	0	18.95	0.80	17.60	<=38.45
		25				18.95	0.80	17.60	<=38.45	Pass
49		19.03				0.80	17.68	<=38.45	Pass	
25	0	18.88			0.80	17.53	<=38.45	Pass		
	13	18.92			0.80	17.57	<=38.45	Pass		
	25	18.99			0.80	17.64	<=38.45	Pass		
50	0	18.90		0.80	17.55	<=38.45	Pass			
836.5	1	0		18.94	0.80	17.59	<=38.45	Pass		
		25		18.96	0.80	17.61	<=38.45	Pass		
		49		19.02	0.80	17.67	<=38.45	Pass		
	25	0		18.97	0.80	17.62	<=38.45	Pass		
		13		18.96	0.80	17.61	<=38.45	Pass		
		25		19.02	0.80	17.67	<=38.45	Pass		
50	0	18.95		0.80	17.60	<=38.45	Pass			
844	1	0		18.99	0.80	17.64	<=38.45	Pass		
		25	18.94	0.80	17.59	<=38.45	Pass			



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			49	18.90	0.80	17.55	<=38.45	Pass
		25	0	18.88	0.80	17.53	<=38.45	Pass
			13	18.88	0.80	17.53	<=38.45	Pass
			25	18.91	0.80	17.56	<=38.45	Pass
		50	0	18.83	0.80	17.48	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

---End of Attachment---