

Appendix B.9

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B7_5MHz_EIRP

Band: 7 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	22.84	2.75	25.59	<=33.01	Pass
			13	22.63	2.75	25.38	<=33.01	Pass
			24	22.73	2.75	25.48	<=33.01	Pass
		12	0	21.85	2.75	24.60	<=33.01	Pass
			6	21.81	2.75	24.56	<=33.01	Pass
			13	21.80	2.75	24.55	<=33.01	Pass
		25	0	21.80	2.75	24.55	<=33.01	Pass
	2535	1	0	22.72	2.75	25.47	<=33.01	Pass
			13	22.47	2.75	25.22	<=33.01	Pass
			24	22.65	2.75	25.40	<=33.01	Pass
		12	0	21.79	2.75	24.54	<=33.01	Pass
			6	21.75	2.75	24.50	<=33.01	Pass
			13	21.66	2.75	24.41	<=33.01	Pass
		25	0	21.74	2.75	24.49	<=33.01	Pass
	2567.5	1	0	22.45	2.75	25.20	<=33.01	Pass
			13	22.48	2.75	25.23	<=33.01	Pass
			24	22.51	2.75	25.26	<=33.01	Pass
		12	0	21.63	2.75	24.38	<=33.01	Pass
			6	21.58	2.75	24.33	<=33.01	Pass
			13	21.54	2.75	24.29	<=33.01	Pass
		25	0	21.59	2.75	24.34	<=33.01	Pass
16QAM	2502.5	1	0	22.10	2.75	24.85	<=33.01	Pass
			13	21.90	2.75	24.65	<=33.01	Pass
			24	22.00	2.75	24.75	<=33.01	Pass
		12	0	20.79	2.75	23.54	<=33.01	Pass
			6	20.71	2.75	23.46	<=33.01	Pass
			13	20.72	2.75	23.47	<=33.01	Pass
		25	0	20.79	2.75	23.54	<=33.01	Pass
	2535	1	0	21.84	2.75	24.59	<=33.01	Pass
			13	21.86	2.75	24.61	<=33.01	Pass
			24	21.78	2.75	24.53	<=33.01	Pass
		12	0	20.74	2.75	23.49	<=33.01	Pass
			6	20.70	2.75	23.45	<=33.01	Pass
			13	20.65	2.75	23.40	<=33.01	Pass
		25	0	20.68	2.75	23.43	<=33.01	Pass
	2567.5	1	0	21.73	2.75	24.48	<=33.01	Pass
			13	21.73	2.75	24.48	<=33.01	Pass
			24	21.63	2.75	24.38	<=33.01	Pass
		12	0	20.54	2.75	23.29	<=33.01	Pass
			6	20.59	2.75	23.34	<=33.01	Pass
			13	20.52	2.75	23.27	<=33.01	Pass

		25	0	20.61	2.75	23.36	<=33.01	Pass
64QAM	2502.5	1	0	21.01	2.75	23.76	<=33.01	Pass
			13	20.78	2.75	23.53	<=33.01	Pass
			24	20.90	2.75	23.65	<=33.01	Pass
		12	0	19.85	2.75	22.60	<=33.01	Pass
			6	19.74	2.75	22.49	<=33.01	Pass
			13	19.72	2.75	22.47	<=33.01	Pass
		25	0	19.77	2.75	22.52	<=33.01	Pass
	2535	1	0	20.65	2.75	23.40	<=33.01	Pass
			13	20.75	2.75	23.50	<=33.01	Pass
			24	20.70	2.75	23.45	<=33.01	Pass
		12	0	19.72	2.75	22.47	<=33.01	Pass
			6	19.68	2.75	22.43	<=33.01	Pass
			13	19.67	2.75	22.42	<=33.01	Pass
		25	0	19.69	2.75	22.44	<=33.01	Pass
	2567.5	1	0	20.67	2.75	23.42	<=33.01	Pass
			13	20.67	2.75	23.42	<=33.01	Pass
			24	20.64	2.75	23.39	<=33.01	Pass
		12	0	19.61	2.75	22.36	<=33.01	Pass
			6	19.57	2.75	22.32	<=33.01	Pass
			13	19.49	2.75	22.24	<=33.01	Pass
		25	0	19.58	2.75	22.33	<=33.01	Pass
256QAM	2502.5	1	0	17.99	2.75	20.74	<=33.01	Pass
			13	17.87	2.75	20.62	<=33.01	Pass
			24	17.96	2.75	20.71	<=33.01	Pass
		12	0	17.91	2.75	20.66	<=33.01	Pass
			6	17.92	2.75	20.67	<=33.01	Pass
			13	17.80	2.75	20.55	<=33.01	Pass
		25	0	17.86	2.75	20.61	<=33.01	Pass
	2535	1	0	18.01	2.75	20.76	<=33.01	Pass
			13	17.87	2.75	20.62	<=33.01	Pass
			24	17.90	2.75	20.65	<=33.01	Pass
		12	0	17.83	2.75	20.58	<=33.01	Pass
			6	17.75	2.75	20.50	<=33.01	Pass
			13	17.74	2.75	20.49	<=33.01	Pass
		25	0	17.78	2.75	20.53	<=33.01	Pass
	2567.5	1	0	17.76	2.75	20.51	<=33.01	Pass
			13	17.73	2.75	20.48	<=33.01	Pass
			24	17.71	2.75	20.46	<=33.01	Pass
		12	0	17.70	2.75	20.45	<=33.01	Pass
			6	17.58	2.75	20.33	<=33.01	Pass
			13	17.61	2.75	20.36	<=33.01	Pass
		25	0	17.66	2.75	20.41	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	22.76	2.75	25.51	<=33.01	Pass
			25	22.69	2.75	25.44	<=33.01	Pass
			49	22.69	2.75	25.44	<=33.01	Pass
		25	0	21.72	2.75	24.47	<=33.01	Pass

		50	13	21.75	2.75	24.50	<=33.01	Pass		
			25	21.74	2.75	24.49	<=33.01	Pass		
			0	21.77	2.75	24.52	<=33.01	Pass		
		2535	1	0	22.71	2.75	25.46	<=33.01	Pass	
				25	22.62	2.75	25.37	<=33.01	Pass	
				49	22.54	2.75	25.29	<=33.01	Pass	
			25	0	21.79	2.75	24.54	<=33.01	Pass	
				13	21.70	2.75	24.45	<=33.01	Pass	
				25	21.64	2.75	24.39	<=33.01	Pass	
	50	0	21.72	2.75	24.47	<=33.01	Pass			
	2565	1	0	22.55	2.75	25.30	<=33.01	Pass		
			25	22.49	2.75	25.24	<=33.01	Pass		
			49	22.51	2.75	25.26	<=33.01	Pass		
		25	0	21.63	2.75	24.38	<=33.01	Pass		
			13	21.56	2.75	24.31	<=33.01	Pass		
			25	21.58	2.75	24.33	<=33.01	Pass		
		50	0	21.59	2.75	24.34	<=33.01	Pass		
		16QAM	2505	1	0	21.93	2.75	24.68	<=33.01	Pass
					25	21.90	2.75	24.65	<=33.01	Pass
49	21.76				2.75	24.51	<=33.01	Pass		
25	0			20.76	2.75	23.51	<=33.01	Pass		
	13			20.75	2.75	23.50	<=33.01	Pass		
	25			20.75	2.75	23.50	<=33.01	Pass		
50	0			20.74	2.75	23.49	<=33.01	Pass		
2535	1			0	21.94	2.75	24.69	<=33.01	Pass	
				25	21.88	2.75	24.63	<=33.01	Pass	
			49	21.73	2.75	24.48	<=33.01	Pass		
	25		0	20.78	2.75	23.53	<=33.01	Pass		
			13	20.74	2.75	23.49	<=33.01	Pass		
			25	20.69	2.75	23.44	<=33.01	Pass		
	50		0	20.76	2.75	23.51	<=33.01	Pass		
	2565		1	0	21.78	2.75	24.53	<=33.01	Pass	
				25	21.80	2.75	24.55	<=33.01	Pass	
49				21.80	2.75	24.55	<=33.01	Pass		
25			0	20.65	2.75	23.40	<=33.01	Pass		
			13	20.60	2.75	23.35	<=33.01	Pass		
		25	20.57	2.75	23.32	<=33.01	Pass			
50		0	20.57	2.75	23.32	<=33.01	Pass			
64QAM		2505	1	0	20.91	2.75	23.66	<=33.01	Pass	
				25	20.69	2.75	23.44	<=33.01	Pass	
	49			20.83	2.75	23.58	<=33.01	Pass		
	25		0	19.74	2.75	22.49	<=33.01	Pass		
			13	19.75	2.75	22.50	<=33.01	Pass		
			25	19.72	2.75	22.47	<=33.01	Pass		
	50		0	19.70	2.75	22.45	<=33.01	Pass		
	2535		1	0	20.84	2.75	23.59	<=33.01	Pass	
				25	20.79	2.75	23.54	<=33.01	Pass	
		49		20.79	2.75	23.54	<=33.01	Pass		
		25	0	19.73	2.75	22.48	<=33.01	Pass		
			13	19.71	2.75	22.46	<=33.01	Pass		
			25	19.62	2.75	22.37	<=33.01	Pass		
		50	0	19.67	2.75	22.42	<=33.01	Pass		
		2565	1	0	20.59	2.75	23.34	<=33.01	Pass	
				25	20.56	2.75	23.31	<=33.01	Pass	
	49			20.72	2.75	23.47	<=33.01	Pass		
	25		0	19.52	2.75	22.27	<=33.01	Pass		

			13	19.53	2.75	22.28	<=33.01	Pass		
			25	19.53	2.75	22.28	<=33.01	Pass		
		50	0	19.59	2.75	22.34	<=33.01	Pass		
256QAM	2505	1	0	17.99	2.75	20.74	<=33.01	Pass		
			25	17.88	2.75	20.63	<=33.01	Pass		
			49	17.96	2.75	20.71	<=33.01	Pass		
		25	0	17.86	2.75	20.61	<=33.01	Pass		
			13	17.87	2.75	20.62	<=33.01	Pass		
			25	17.87	2.75	20.62	<=33.01	Pass		
		50	0	17.87	2.75	20.62	<=33.01	Pass		
		2535	1	0	17.98	2.75	20.73	<=33.01	Pass	
				25	17.96	2.75	20.71	<=33.01	Pass	
	49			17.87	2.75	20.62	<=33.01	Pass		
	25		0	17.91	2.75	20.66	<=33.01	Pass		
			13	17.85	2.75	20.60	<=33.01	Pass		
			25	17.79	2.75	20.54	<=33.01	Pass		
	50		0	17.85	2.75	20.60	<=33.01	Pass		
	2565		1	0	17.76	2.75	20.51	<=33.01	Pass	
				25	17.77	2.75	20.52	<=33.01	Pass	
		49		17.78	2.75	20.53	<=33.01	Pass		
		25	0	17.72	2.75	20.47	<=33.01	Pass		
			13	17.68	2.75	20.43	<=33.01	Pass		
			25	17.66	2.75	20.41	<=33.01	Pass		
		50	0	17.71	2.75	20.46	<=33.01	Pass		
		Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	22.68	2.75	25.43	<=33.01	Pass
			38	22.69	2.75	25.44	<=33.01	Pass
			74	22.64	2.75	25.39	<=33.01	Pass
		36	0	21.74	2.75	24.49	<=33.01	Pass
			18	21.69	2.75	24.44	<=33.01	Pass
			39	21.71	2.75	24.46	<=33.01	Pass
		75	0	21.74	2.75	24.49	<=33.01	Pass
			0	22.60	2.75	25.35	<=33.01	Pass
			38	22.55	2.75	25.30	<=33.01	Pass
		1	74	22.50	2.75	25.25	<=33.01	Pass
			0	21.75	2.75	24.50	<=33.01	Pass
			18	21.67	2.75	24.42	<=33.01	Pass
	2535	36	39	21.65	2.75	24.40	<=33.01	Pass
			0	21.69	2.75	24.44	<=33.01	Pass
			0	22.32	2.75	25.07	<=33.01	Pass
		1	38	22.51	2.75	25.26	<=33.01	Pass
			74	22.42	2.75	25.17	<=33.01	Pass
			0	21.46	2.75	24.21	<=33.01	Pass
		36	18	21.52	2.75	24.27	<=33.01	Pass
			39	21.51	2.75	24.26	<=33.01	Pass
			0	21.49	2.75	24.24	<=33.01	Pass
	2562.5	75	0	21.86	2.75	24.61	<=33.01	Pass
			38	21.92	2.75	24.67	<=33.01	Pass

				74	21.95	2.75	24.70	<=33.01	Pass	
			36		0	20.68	2.75	23.43	<=33.01	Pass
					18	20.68	2.75	23.43	<=33.01	Pass
					39	20.67	2.75	23.42	<=33.01	Pass
		75		0	20.64	2.75	23.39	<=33.01	Pass	
		2535	1		0	21.91	2.75	24.66	<=33.01	Pass
					38	21.91	2.75	24.66	<=33.01	Pass
					74	21.76	2.75	24.51	<=33.01	Pass
			36		0	20.71	2.75	23.46	<=33.01	Pass
					18	20.68	2.75	23.43	<=33.01	Pass
				39	20.68	2.75	23.43	<=33.01	Pass	
	75		0	20.66	2.75	23.41	<=33.01	Pass		
	2562.5	1		0	21.62	2.75	24.37	<=33.01	Pass	
				38	21.62	2.75	24.37	<=33.01	Pass	
				74	21.69	2.75	24.44	<=33.01	Pass	
		36		0	20.41	2.75	23.16	<=33.01	Pass	
				18	20.53	2.75	23.28	<=33.01	Pass	
				39	20.50	2.75	23.25	<=33.01	Pass	
		75		0	20.50	2.75	23.25	<=33.01	Pass	

64QAM	2507.5	1		0	20.74	2.75	23.49	<=33.01	Pass	
				38	20.87	2.75	23.62	<=33.01	Pass	
				74	20.76	2.75	23.51	<=33.01	Pass	
		36		0	19.73	2.75	22.48	<=33.01	Pass	
				18	19.70	2.75	22.45	<=33.01	Pass	
				39	19.70	2.75	22.45	<=33.01	Pass	
		75		0	19.68	2.75	22.43	<=33.01	Pass	
		2535	1		0	20.67	2.75	23.42	<=33.01	Pass
					38	20.82	2.75	23.57	<=33.01	Pass
					74	20.57	2.75	23.32	<=33.01	Pass
	36			0	19.72	2.75	22.47	<=33.01	Pass	
				18	19.61	2.75	22.36	<=33.01	Pass	
				39	19.53	2.75	22.28	<=33.01	Pass	
	75		0	19.66	2.75	22.41	<=33.01	Pass		
	2562.5	1		0	20.45	2.75	23.20	<=33.01	Pass	
				38	20.56	2.75	23.31	<=33.01	Pass	
				74	20.48	2.75	23.23	<=33.01	Pass	
		36		0	19.53	2.75	22.28	<=33.01	Pass	
				18	19.49	2.75	22.24	<=33.01	Pass	
				39	19.50	2.75	22.25	<=33.01	Pass	
	75		0	19.45	2.75	22.20	<=33.01	Pass		

256QAM	2507.5	1		0	17.92	2.75	20.67	<=33.01	Pass
				38	18.02	2.75	20.77	<=33.01	Pass
				74	17.82	2.75	20.57	<=33.01	Pass
		36		0	17.85	2.75	20.60	<=33.01	Pass
				18	17.83	2.75	20.58	<=33.01	Pass
				39	17.82	2.75	20.57	<=33.01	Pass
	75		0	17.73	2.75	20.48	<=33.01	Pass	
	2535	1		0	17.85	2.75	20.60	<=33.01	Pass
				38	17.90	2.75	20.65	<=33.01	Pass
				74	17.76	2.75	20.51	<=33.01	Pass
		36		0	17.85	2.75	20.60	<=33.01	Pass
				18	17.76	2.75	20.51	<=33.01	Pass
				39	17.71	2.75	20.46	<=33.01	Pass
	75		0	17.77	2.75	20.52	<=33.01	Pass	
	2562.5	1		0	17.60	2.75	20.35	<=33.01	Pass
				38	17.73	2.75	20.48	<=33.01	Pass

		74	17.69	2.75	20.44	<=33.01	Pass
	36	0	17.64	2.75	20.39	<=33.01	Pass
		18	17.60	2.75	20.35	<=33.01	Pass
		39	17.58	2.75	20.33	<=33.01	Pass
	75	0	17.61	2.75	20.36	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	22.61	2.75	25.36	<=33.01	Pass
			50	22.65	2.75	25.40	<=33.01	Pass
			99	22.53	2.75	25.28	<=33.01	Pass
		50	0	21.68	2.75	24.43	<=33.01	Pass
			25	21.75	2.75	24.50	<=33.01	Pass
			50	21.73	2.75	24.48	<=33.01	Pass
		100	0	21.68	2.75	24.43	<=33.01	Pass
	2535	1	0	22.42	2.75	25.17	<=33.01	Pass
			50	22.56	2.75	25.31	<=33.01	Pass
			99	22.24	2.75	24.99	<=33.01	Pass
		50	0	21.72	2.75	24.47	<=33.01	Pass
			25	21.72	2.75	24.47	<=33.01	Pass
			50	21.62	2.75	24.37	<=33.01	Pass
		100	0	21.65	2.75	24.40	<=33.01	Pass
	2560	1	0	22.28	2.75	25.03	<=33.01	Pass
			50	22.41	2.75	25.16	<=33.01	Pass
			99	22.29	2.75	25.04	<=33.01	Pass
		50	0	21.46	2.75	24.21	<=33.01	Pass
			25	21.54	2.75	24.29	<=33.01	Pass
			50	21.39	2.75	24.14	<=33.01	Pass
		100	0	21.49	2.75	24.24	<=33.01	Pass
16QAM	2510	1	0	21.70	2.75	24.45	<=33.01	Pass
			50	21.97	2.75	24.72	<=33.01	Pass
			99	21.80	2.75	24.55	<=33.01	Pass
		50	0	20.63	2.75	23.38	<=33.01	Pass
			25	20.69	2.75	23.44	<=33.01	Pass
			50	20.63	2.75	23.38	<=33.01	Pass
		100	0	20.64	2.75	23.39	<=33.01	Pass
	2535	1	0	21.66	2.75	24.41	<=33.01	Pass
			50	21.86	2.75	24.61	<=33.01	Pass
			99	21.61	2.75	24.36	<=33.01	Pass
		50	0	20.71	2.75	23.46	<=33.01	Pass
			25	20.72	2.75	23.47	<=33.01	Pass
			50	20.63	2.75	23.38	<=33.01	Pass
		100	0	20.66	2.75	23.41	<=33.01	Pass
	2560	1	0	21.57	2.75	24.32	<=33.01	Pass
			50	21.58	2.75	24.33	<=33.01	Pass
			99	21.53	2.75	24.28	<=33.01	Pass
		50	0	20.48	2.75	23.23	<=33.01	Pass
			25	20.57	2.75	23.32	<=33.01	Pass
			50	20.45	2.75	23.20	<=33.01	Pass
		100	0	20.39	2.75	23.14	<=33.01	Pass

64QAM	2510	1	0	20.70	2.75	23.45	<=33.01	Pass	
			50	20.83	2.75	23.58	<=33.01	Pass	
			99	20.66	2.75	23.41	<=33.01	Pass	
		50	0	19.56	2.75	22.31	<=33.01	Pass	
			25	19.67	2.75	22.42	<=33.01	Pass	
			50	19.56	2.75	22.31	<=33.01	Pass	
		100	0	19.63	2.75	22.38	<=33.01	Pass	
		2535	1	0	20.65	2.75	23.40	<=33.01	Pass
				50	20.66	2.75	23.41	<=33.01	Pass
	99			20.47	2.75	23.22	<=33.01	Pass	
	50		0	19.64	2.75	22.39	<=33.01	Pass	
			25	19.66	2.75	22.41	<=33.01	Pass	
			50	19.58	2.75	22.33	<=33.01	Pass	
	100		0	19.65	2.75	22.40	<=33.01	Pass	
	2560		1	0	20.42	2.75	23.17	<=33.01	Pass
				50	20.60	2.75	23.35	<=33.01	Pass
		99		20.49	2.75	23.24	<=33.01	Pass	
		50	0	19.38	2.75	22.13	<=33.01	Pass	
			25	19.47	2.75	22.22	<=33.01	Pass	
			50	19.35	2.75	22.10	<=33.01	Pass	
		100	0	19.41	2.75	22.16	<=33.01	Pass	
256QAM		2510	1	0	17.86	2.75	20.61	<=33.01	Pass
				50	17.88	2.75	20.63	<=33.01	Pass
	99			17.84	2.75	20.59	<=33.01	Pass	
	50		0	17.77	2.75	20.52	<=33.01	Pass	
			25	17.85	2.75	20.60	<=33.01	Pass	
			50	17.77	2.75	20.52	<=33.01	Pass	
	100		0	17.76	2.75	20.51	<=33.01	Pass	
	2535		1	0	17.77	2.75	20.52	<=33.01	Pass
				50	17.90	2.75	20.65	<=33.01	Pass
		99		17.62	2.75	20.37	<=33.01	Pass	
		50	0	17.82	2.75	20.57	<=33.01	Pass	
			25	17.75	2.75	20.50	<=33.01	Pass	
			50	17.68	2.75	20.43	<=33.01	Pass	
		100	0	17.75	2.75	20.50	<=33.01	Pass	
		2560	1	0	17.49	2.75	20.24	<=33.01	Pass
				50	17.72	2.75	20.47	<=33.01	Pass
	99			17.62	2.75	20.37	<=33.01	Pass	
	50		0	17.54	2.75	20.29	<=33.01	Pass	
			25	17.66	2.75	20.41	<=33.01	Pass	
			50	17.51	2.75	20.26	<=33.01	Pass	
	100		0	17.58	2.75	20.33	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

- End of the Appendix -