

Appendix B.17

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B38_5MHz_EIRP

Band: 38 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2572.5	1	0	22.52	2.93	25.45	<=33.01	Pass
			13	22.55	2.93	25.48	<=33.01	Pass
			24	22.51	2.93	25.44	<=33.01	Pass
		12	0	21.52	2.93	24.45	<=33.01	Pass
			6	21.47	2.93	24.40	<=33.01	Pass
			13	21.40	2.93	24.33	<=33.01	Pass
		25	0	21.48	2.93	24.41	<=33.01	Pass
	2595	1	0	22.46	2.93	25.39	<=33.01	Pass
			13	22.46	2.93	25.39	<=33.01	Pass
			24	22.43	2.93	25.36	<=33.01	Pass
		12	0	21.37	2.93	24.30	<=33.01	Pass
			6	21.37	2.93	24.30	<=33.01	Pass
			13	21.33	2.93	24.26	<=33.01	Pass
		25	0	21.33	2.93	24.26	<=33.01	Pass
	2617.5	1	0	22.40	2.93	25.33	<=33.01	Pass
			13	22.29	2.93	25.22	<=33.01	Pass
			24	22.32	2.93	25.25	<=33.01	Pass
		12	0	21.31	2.93	24.24	<=33.01	Pass
			6	21.34	2.93	24.27	<=33.01	Pass
			13	21.31	2.93	24.24	<=33.01	Pass
		25	0	21.37	2.93	24.30	<=33.01	Pass
16QAM	2572.5	1	0	21.52	2.93	24.45	<=33.01	Pass
			13	21.52	2.93	24.45	<=33.01	Pass
			24	21.54	2.93	24.47	<=33.01	Pass
		12	0	20.50	2.93	23.43	<=33.01	Pass
			6	20.43	2.93	23.36	<=33.01	Pass
			13	20.43	2.93	23.36	<=33.01	Pass
		25	0	20.51	2.93	23.44	<=33.01	Pass
	2595	1	0	21.60	2.93	24.53	<=33.01	Pass
			13	21.60	2.93	24.53	<=33.01	Pass
			24	21.60	2.93	24.53	<=33.01	Pass
		12	0	20.35	2.93	23.28	<=33.01	Pass
			6	20.33	2.93	23.26	<=33.01	Pass
			13	20.37	2.93	23.30	<=33.01	Pass
		25	0	20.39	2.93	23.32	<=33.01	Pass
	2617.5	1	0	21.55	2.93	24.48	<=33.01	Pass
			13	21.49	2.93	24.42	<=33.01	Pass
			24	21.50	2.93	24.43	<=33.01	Pass
		12	0	20.33	2.93	23.26	<=33.01	Pass
			6	20.34	2.93	23.27	<=33.01	Pass
			13	20.23	2.93	23.16	<=33.01	Pass

		25	0	20.35	2.93	23.28	<=33.01	Pass	
64QAM	2572.5	1	0	20.44	2.93	23.37	<=33.01	Pass	
			13	20.44	2.93	23.37	<=33.01	Pass	
			24	20.40	2.93	23.33	<=33.01	Pass	
			0	19.49	2.93	22.42	<=33.01	Pass	
		12	6	19.51	2.93	22.44	<=33.01	Pass	
			13	19.45	2.93	22.38	<=33.01	Pass	
			25	0	19.53	2.93	22.46	<=33.01	Pass
		2595	1	0	20.35	2.93	23.28	<=33.01	Pass
				13	20.35	2.93	23.28	<=33.01	Pass
				24	20.32	2.93	23.25	<=33.01	Pass
	0			19.41	2.93	22.34	<=33.01	Pass	
	12		6	19.37	2.93	22.30	<=33.01	Pass	
			13	19.33	2.93	22.26	<=33.01	Pass	
			25	0	19.42	2.93	22.35	<=33.01	Pass
	2617.5		1	0	20.32	2.93	23.25	<=33.01	Pass
				13	20.23	2.93	23.16	<=33.01	Pass
				24	20.23	2.93	23.16	<=33.01	Pass
		0		19.34	2.93	22.27	<=33.01	Pass	
		12	6	19.31	2.93	22.24	<=33.01	Pass	
			13	19.26	2.93	22.19	<=33.01	Pass	
			25	0	19.33	2.93	22.26	<=33.01	Pass
		256QAM	2572.5	1	0	17.54	2.93	20.47	<=33.01
	13				17.54	2.93	20.47	<=33.01	Pass
24	17.53				2.93	20.46	<=33.01	Pass	
12	0			17.67	2.93	20.60	<=33.01	Pass	
	6			17.67	2.93	20.60	<=33.01	Pass	
	13			17.61	2.93	20.54	<=33.01	Pass	
	25			0	17.64	2.93	20.57	<=33.01	Pass
2595	1			0	17.45	2.93	20.38	<=33.01	Pass
			13	17.43	2.93	20.36	<=33.01	Pass	
			24	17.38	2.93	20.31	<=33.01	Pass	
			0	17.57	2.93	20.50	<=33.01	Pass	
	12		6	17.57	2.93	20.50	<=33.01	Pass	
			13	17.56	2.93	20.49	<=33.01	Pass	
			25	0	17.51	2.93	20.44	<=33.01	Pass
	2617.5		1	0	17.38	2.93	20.31	<=33.01	Pass
13				17.33	2.93	20.26	<=33.01	Pass	
24				17.31	2.93	20.24	<=33.01	Pass	
0				17.49	2.93	20.42	<=33.01	Pass	
12			6	17.52	2.93	20.45	<=33.01	Pass	
			13	17.43	2.93	20.36	<=33.01	Pass	
			25	0	17.50	2.93	20.43	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain									

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B38_10MHz_EIRP

Band: 38 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2575	1	0	22.47	2.93	25.40	<=33.01	Pass
			25	22.53	2.93	25.46	<=33.01	Pass
			49	22.48	2.93	25.41	<=33.01	Pass
		25	0	21.49	2.93	24.42	<=33.01	Pass

		50	13	21.48	2.93	24.41	<=33.01	Pass		
			25	21.46	2.93	24.39	<=33.01	Pass		
			0	21.46	2.93	24.39	<=33.01	Pass		
		2595	1	0	22.43	2.93	25.36	<=33.01	Pass	
				25	22.47	2.93	25.40	<=33.01	Pass	
				49	22.34	2.93	25.27	<=33.01	Pass	
			25	0	21.38	2.93	24.31	<=33.01	Pass	
				13	21.35	2.93	24.28	<=33.01	Pass	
				25	21.33	2.93	24.26	<=33.01	Pass	
	50	0	21.38	2.93	24.31	<=33.01	Pass			
	2615	1	0	22.36	2.93	25.29	<=33.01	Pass		
			25	22.39	2.93	25.32	<=33.01	Pass		
			49	22.28	2.93	25.21	<=33.01	Pass		
		25	0	21.32	2.93	24.25	<=33.01	Pass		
			13	21.35	2.93	24.28	<=33.01	Pass		
			25	21.26	2.93	24.19	<=33.01	Pass		
		50	0	21.31	2.93	24.24	<=33.01	Pass		
		16QAM	2575	1	0	21.69	2.93	24.62	<=33.01	Pass
					25	21.72	2.93	24.65	<=33.01	Pass
49	21.64				2.93	24.57	<=33.01	Pass		
25	0			20.53	2.93	23.46	<=33.01	Pass		
	13			20.47	2.93	23.40	<=33.01	Pass		
	25			20.48	2.93	23.41	<=33.01	Pass		
50	0		20.48	2.93	23.41	<=33.01	Pass			
2595	1		0	21.64	2.93	24.57	<=33.01	Pass		
			25	21.65	2.93	24.58	<=33.01	Pass		
			49	21.52	2.93	24.45	<=33.01	Pass		
	25	0	20.44	2.93	23.37	<=33.01	Pass			
		13	20.39	2.93	23.32	<=33.01	Pass			
		25	20.33	2.93	23.26	<=33.01	Pass			
50	0	20.42	2.93	23.35	<=33.01	Pass				
2615	1	0	21.56	2.93	24.49	<=33.01	Pass			
		25	21.56	2.93	24.49	<=33.01	Pass			
		49	21.47	2.93	24.40	<=33.01	Pass			
	25	0	20.34	2.93	23.27	<=33.01	Pass			
		13	20.38	2.93	23.31	<=33.01	Pass			
		25	20.31	2.93	23.24	<=33.01	Pass			
50	0	20.34	2.93	23.27	<=33.01	Pass				
64QAM	2575	1	0	20.41	2.93	23.34	<=33.01	Pass		
			25	20.47	2.93	23.40	<=33.01	Pass		
			49	20.36	2.93	23.29	<=33.01	Pass		
		25	0	19.54	2.93	22.47	<=33.01	Pass		
			13	19.53	2.93	22.46	<=33.01	Pass		
			25	19.53	2.93	22.46	<=33.01	Pass		
		50	0	19.45	2.93	22.38	<=33.01	Pass		
		2595	1	0	20.36	2.93	23.29	<=33.01	Pass	
				25	20.37	2.93	23.30	<=33.01	Pass	
	49			20.27	2.93	23.20	<=33.01	Pass		
	25		0	19.44	2.93	22.37	<=33.01	Pass		
			13	19.42	2.93	22.35	<=33.01	Pass		
			25	19.39	2.93	22.32	<=33.01	Pass		
	50	0	19.34	2.93	22.27	<=33.01	Pass			
	2615	1	0	20.33	2.93	23.26	<=33.01	Pass		
			25	20.34	2.93	23.27	<=33.01	Pass		
			49	20.20	2.93	23.13	<=33.01	Pass		
		25	0	19.40	2.93	22.33	<=33.01	Pass		

256QAM	2575	50	13	19.35	2.93	22.28	<=33.01	Pass
			25	19.34	2.93	22.27	<=33.01	Pass
			0	19.28	2.93	22.21	<=33.01	Pass
		1	0	17.50	2.93	20.43	<=33.01	Pass
			25	17.54	2.93	20.47	<=33.01	Pass
			49	17.47	2.93	20.40	<=33.01	Pass
		25	0	17.64	2.93	20.57	<=33.01	Pass
			13	17.58	2.93	20.51	<=33.01	Pass
			25	17.61	2.93	20.54	<=33.01	Pass
		50	0	17.67	2.93	20.60	<=33.01	Pass
	2595	1	0	17.46	2.93	20.39	<=33.01	Pass
			25	17.49	2.93	20.42	<=33.01	Pass
			49	17.34	2.93	20.27	<=33.01	Pass
		25	0	17.57	2.93	20.50	<=33.01	Pass
			13	17.54	2.93	20.47	<=33.01	Pass
			25	17.46	2.93	20.39	<=33.01	Pass
		50	0	17.55	2.93	20.48	<=33.01	Pass
	2615	1	0	17.39	2.93	20.32	<=33.01	Pass
			25	17.43	2.93	20.36	<=33.01	Pass
			49	17.32	2.93	20.25	<=33.01	Pass
		25	0	17.51	2.93	20.44	<=33.01	Pass
			13	17.46	2.93	20.39	<=33.01	Pass
			25	17.46	2.93	20.39	<=33.01	Pass
		50	0	17.52	2.93	20.45	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B38_15MHz_EIRP

Band: 38 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2577.5	1	0	22.43	2.93	25.36	<=33.01	Pass
			38	22.54	2.93	25.47	<=33.01	Pass
			74	22.40	2.93	25.33	<=33.01	Pass
		36	0	21.42	2.93	24.35	<=33.01	Pass
			18	21.48	2.93	24.41	<=33.01	Pass
			39	21.40	2.93	24.33	<=33.01	Pass
		75	0	21.42	2.93	24.35	<=33.01	Pass
	2595	1	0	22.34	2.93	25.27	<=33.01	Pass
			38	22.44	2.93	25.37	<=33.01	Pass
			74	22.28	2.93	25.21	<=33.01	Pass
		36	0	21.35	2.93	24.28	<=33.01	Pass
			18	21.40	2.93	24.33	<=33.01	Pass
			39	21.25	2.93	24.18	<=33.01	Pass
		75	0	21.42	2.93	24.35	<=33.01	Pass
	2612.5	1	0	22.33	2.93	25.26	<=33.01	Pass
			38	22.38	2.93	25.31	<=33.01	Pass
			74	22.25	2.93	25.18	<=33.01	Pass
		36	0	21.37	2.93	24.30	<=33.01	Pass
			18	21.37	2.93	24.30	<=33.01	Pass
			39	21.28	2.93	24.21	<=33.01	Pass
		75	0	21.33	2.93	24.26	<=33.01	Pass
16QAM	2577.5	1	0	21.61	2.93	24.54	<=33.01	Pass
			38	21.72	2.93	24.65	<=33.01	Pass

			74	21.57	2.93	24.50	<=33.01	Pass	
			36	0	20.44	2.93	23.37	<=33.01	Pass
				18	20.40	2.93	23.33	<=33.01	Pass
				39	20.36	2.93	23.29	<=33.01	Pass
				75	0	20.45	2.93	23.38	<=33.01
		2595	1	0	21.54	2.93	24.47	<=33.01	Pass
				38	21.66	2.93	24.59	<=33.01	Pass
				74	21.46	2.93	24.39	<=33.01	Pass
			36	0	20.33	2.93	23.26	<=33.01	Pass
				18	20.39	2.93	23.32	<=33.01	Pass
	39			20.28	2.93	23.21	<=33.01	Pass	
	75		0	20.40	2.93	23.33	<=33.01	Pass	
	2612.5		1	0	21.53	2.93	24.46	<=33.01	Pass
				38	21.58	2.93	24.51	<=33.01	Pass
		74		21.43	2.93	24.36	<=33.01	Pass	
		36	0	20.36	2.93	23.29	<=33.01	Pass	
			18	20.31	2.93	23.24	<=33.01	Pass	
			39	20.29	2.93	23.22	<=33.01	Pass	
		75	0	20.34	2.93	23.27	<=33.01	Pass	
	64QAM	2577.5	1	0	20.33	2.93	23.26	<=33.01	Pass
				38	20.45	2.93	23.38	<=33.01	Pass
				74	20.31	2.93	23.24	<=33.01	Pass
			36	0	19.44	2.93	22.37	<=33.01	Pass
				18	19.44	2.93	22.37	<=33.01	Pass
39				19.34	2.93	22.27	<=33.01	Pass	
75			0	19.47	2.93	22.40	<=33.01	Pass	
2595			1	0	20.27	2.93	23.20	<=33.01	Pass
				38	20.34	2.93	23.27	<=33.01	Pass
				74	20.20	2.93	23.13	<=33.01	Pass
			36	0	19.31	2.93	22.24	<=33.01	Pass
				18	19.32	2.93	22.25	<=33.01	Pass
		39		19.28	2.93	22.21	<=33.01	Pass	
75		0	19.33	2.93	22.26	<=33.01	Pass		
2612.5		1	0	20.29	2.93	23.22	<=33.01	Pass	
			38	20.34	2.93	23.27	<=33.01	Pass	
			74	20.17	2.93	23.10	<=33.01	Pass	
		36	0	19.28	2.93	22.21	<=33.01	Pass	
			18	19.34	2.93	22.27	<=33.01	Pass	
			39	19.25	2.93	22.18	<=33.01	Pass	
75		0	19.29	2.93	22.22	<=33.01	Pass		
256QAM		2577.5	1	0	17.44	2.93	20.37	<=33.01	Pass
				38	17.56	2.93	20.49	<=33.01	Pass
				74	17.41	2.93	20.34	<=33.01	Pass
	36		0	17.61	2.93	20.54	<=33.01	Pass	
			18	17.58	2.93	20.51	<=33.01	Pass	
			39	17.52	2.93	20.45	<=33.01	Pass	
	75	0	17.54	2.93	20.47	<=33.01	Pass		
	2595	1	0	17.40	2.93	20.33	<=33.01	Pass	
			38	17.46	2.93	20.39	<=33.01	Pass	
			74	17.30	2.93	20.23	<=33.01	Pass	
		36	0	17.56	2.93	20.49	<=33.01	Pass	
			18	17.48	2.93	20.41	<=33.01	Pass	
39			17.44	2.93	20.37	<=33.01	Pass		
75	0	17.49	2.93	20.42	<=33.01	Pass			
2612.5	1	0	17.37	2.93	20.30	<=33.01	Pass		
		38	17.42	2.93	20.35	<=33.01	Pass		

		74	17.28	2.93	20.21	<=33.01	Pass
	36	0	17.46	2.93	20.39	<=33.01	Pass
		18	17.48	2.93	20.41	<=33.01	Pass
		39	17.42	2.93	20.35	<=33.01	Pass
	75	0	17.45	2.93	20.38	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B38_20MHz_EIRP

Band: 38 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2580	1	0	22.40	2.93	25.33	<=33.01	Pass
			50	22.50	2.93	25.43	<=33.01	Pass
			99	22.33	2.93	25.26	<=33.01	Pass
		50	0	21.45	2.93	24.38	<=33.01	Pass
			25	21.48	2.93	24.41	<=33.01	Pass
			50	21.37	2.93	24.30	<=33.01	Pass
		100	0	21.42	2.93	24.35	<=33.01	Pass
	2595	1	0	22.32	2.93	25.25	<=33.01	Pass
			50	22.44	2.93	25.37	<=33.01	Pass
			99	22.25	2.93	25.18	<=33.01	Pass
		50	0	21.37	2.93	24.30	<=33.01	Pass
			25	21.43	2.93	24.36	<=33.01	Pass
			50	21.31	2.93	24.24	<=33.01	Pass
		100	0	21.33	2.93	24.26	<=33.01	Pass
	2610	1	0	22.24	2.93	25.17	<=33.01	Pass
			50	22.29	2.93	25.22	<=33.01	Pass
			99	22.08	2.93	25.01	<=33.01	Pass
		50	0	21.26	2.93	24.19	<=33.01	Pass
			25	21.29	2.93	24.22	<=33.01	Pass
			50	21.23	2.93	24.16	<=33.01	Pass
		100	0	21.31	2.93	24.24	<=33.01	Pass
16QAM	2580	1	0	21.57	2.93	24.50	<=33.01	Pass
			50	21.69	2.93	24.62	<=33.01	Pass
			99	21.52	2.93	24.45	<=33.01	Pass
		50	0	20.44	2.93	23.37	<=33.01	Pass
			25	20.48	2.93	23.41	<=33.01	Pass
			50	20.42	2.93	23.35	<=33.01	Pass
		100	0	20.41	2.93	23.34	<=33.01	Pass
	2595	1	0	21.53	2.93	24.46	<=33.01	Pass
			50	21.65	2.93	24.58	<=33.01	Pass
			99	21.43	2.93	24.36	<=33.01	Pass
		50	0	20.41	2.93	23.34	<=33.01	Pass
			25	20.44	2.93	23.37	<=33.01	Pass
			50	20.35	2.93	23.28	<=33.01	Pass
		100	0	20.33	2.93	23.26	<=33.01	Pass
	2610	1	0	21.44	2.93	24.37	<=33.01	Pass
			50	21.49	2.93	24.42	<=33.01	Pass
			99	21.28	2.93	24.21	<=33.01	Pass
		50	0	20.31	2.93	23.24	<=33.01	Pass
			25	20.33	2.93	23.26	<=33.01	Pass
			50	20.21	2.93	23.14	<=33.01	Pass
		100	0	20.30	2.93	23.23	<=33.01	Pass

64QAM	2580	1	0	20.32	2.93	23.25	<=33.01	Pass
			50	20.40	2.93	23.33	<=33.01	Pass
			99	20.23	2.93	23.16	<=33.01	Pass
		50	0	19.43	2.93	22.36	<=33.01	Pass
			25	19.45	2.93	22.38	<=33.01	Pass
			50	19.35	2.93	22.28	<=33.01	Pass
		100	0	19.39	2.93	22.32	<=33.01	Pass
	2595	1	0	20.25	2.93	23.18	<=33.01	Pass
			50	20.37	2.93	23.30	<=33.01	Pass
			99	20.15	2.93	23.08	<=33.01	Pass
		50	0	19.37	2.93	22.30	<=33.01	Pass
			25	19.35	2.93	22.28	<=33.01	Pass
			50	19.22	2.93	22.15	<=33.01	Pass
		100	0	19.32	2.93	22.25	<=33.01	Pass
	2610	1	0	20.18	2.93	23.11	<=33.01	Pass
			50	20.22	2.93	23.15	<=33.01	Pass
			99	20.04	2.93	22.97	<=33.01	Pass
		50	0	19.24	2.93	22.17	<=33.01	Pass
			25	19.30	2.93	22.23	<=33.01	Pass
			50	19.15	2.93	22.08	<=33.01	Pass
		100	0	19.26	2.93	22.19	<=33.01	Pass
256QAM	2580	1	0	17.41	2.93	20.34	<=33.01	Pass
			50	17.50	2.93	20.43	<=33.01	Pass
			99	17.33	2.93	20.26	<=33.01	Pass
		50	0	17.61	2.93	20.54	<=33.01	Pass
			25	17.65	2.93	20.58	<=33.01	Pass
			50	17.57	2.93	20.50	<=33.01	Pass
		100	0	17.54	2.93	20.47	<=33.01	Pass
	2595	1	0	17.35	2.93	20.28	<=33.01	Pass
			50	17.47	2.93	20.40	<=33.01	Pass
			99	17.23	2.93	20.16	<=33.01	Pass
		50	0	17.57	2.93	20.50	<=33.01	Pass
			25	17.59	2.93	20.52	<=33.01	Pass
			50	17.49	2.93	20.42	<=33.01	Pass
		100	0	17.44	2.93	20.37	<=33.01	Pass
	2610	1	0	17.26	2.93	20.19	<=33.01	Pass
			50	17.32	2.93	20.25	<=33.01	Pass
			99	17.13	2.93	20.06	<=33.01	Pass
		50	0	17.51	2.93	20.44	<=33.01	Pass
			25	17.48	2.93	20.41	<=33.01	Pass
			50	17.40	2.93	20.33	<=33.01	Pass
		100	0	17.42	2.93	20.35	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

- End of the Appendix -