

Appendix B.13

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B17_5MHz_ERP

Band: 17 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	706.5	1	0	23.45	0.33	21.63	<=34.77	Pass
			13	23.34	0.33	21.52	<=34.77	Pass
			24	23.41	0.33	21.59	<=34.77	Pass
		12	0	22.42	0.33	20.60	<=34.77	Pass
			6	22.41	0.33	20.59	<=34.77	Pass
			13	22.35	0.33	20.53	<=34.77	Pass
		25	0	22.43	0.33	20.61	<=34.77	Pass
	710	1	0	23.34	0.33	21.52	<=34.77	Pass
			13	23.26	0.33	21.44	<=34.77	Pass
			24	23.26	0.33	21.44	<=34.77	Pass
		12	0	22.37	0.33	20.55	<=34.77	Pass
			6	22.28	0.33	20.46	<=34.77	Pass
			13	22.21	0.33	20.39	<=34.77	Pass
		25	0	22.32	0.33	20.50	<=34.77	Pass
	713.5	1	0	23.29	0.33	21.47	<=34.77	Pass
			13	23.21	0.33	21.39	<=34.77	Pass
			24	23.16	0.33	21.34	<=34.77	Pass
		12	0	22.28	0.33	20.46	<=34.77	Pass
			6	22.24	0.33	20.42	<=34.77	Pass
			13	22.21	0.33	20.39	<=34.77	Pass
		25	0	22.26	0.33	20.44	<=34.77	Pass
16QAM	706.5	1	0	22.73	0.33	20.91	<=34.77	Pass
			13	22.39	0.33	20.57	<=34.77	Pass
			24	22.50	0.33	20.68	<=34.77	Pass
		12	0	21.40	0.33	19.58	<=34.77	Pass
			6	21.34	0.33	19.52	<=34.77	Pass
			13	21.31	0.33	19.49	<=34.77	Pass
		25	0	21.41	0.33	19.59	<=34.77	Pass
	710	1	0	22.52	0.33	20.70	<=34.77	Pass
			13	22.48	0.33	20.66	<=34.77	Pass
			24	22.56	0.33	20.74	<=34.77	Pass
		12	0	21.42	0.33	19.60	<=34.77	Pass
			6	21.25	0.33	19.43	<=34.77	Pass
			13	21.27	0.33	19.45	<=34.77	Pass
		25	0	21.39	0.33	19.57	<=34.77	Pass
	713.5	1	0	22.57	0.33	20.75	<=34.77	Pass
			13	22.29	0.33	20.47	<=34.77	Pass
			24	22.38	0.33	20.56	<=34.77	Pass
		12	0	21.15	0.33	19.33	<=34.77	Pass
			6	21.23	0.33	19.41	<=34.77	Pass
			13	21.07	0.33	19.25	<=34.77	Pass

		25	0	21.18	0.33	19.36	<=34.77	Pass	
64QAM	706.5	1	0	21.33	0.33	19.51	<=34.77	Pass	
			13	21.41	0.33	19.59	<=34.77	Pass	
			24	21.53	0.33	19.71	<=34.77	Pass	
			0	20.56	0.33	18.74	<=34.77	Pass	
		12	6	20.59	0.33	18.77	<=34.77	Pass	
			13	20.52	0.33	18.70	<=34.77	Pass	
			25	0	20.54	0.33	18.72	<=34.77	Pass
		710	1	0	21.42	0.33	19.60	<=34.77	Pass
				13	21.49	0.33	19.67	<=34.77	Pass
	24			21.41	0.33	19.59	<=34.77	Pass	
	0			20.63	0.33	18.81	<=34.77	Pass	
	12		6	20.51	0.33	18.69	<=34.77	Pass	
			13	20.48	0.33	18.66	<=34.77	Pass	
			25	0	20.56	0.33	18.74	<=34.77	Pass
	713.5		1	0	21.50	0.33	19.68	<=34.77	Pass
				13	21.27	0.33	19.45	<=34.77	Pass
		24		21.35	0.33	19.53	<=34.77	Pass	
		0		20.43	0.33	18.61	<=34.77	Pass	
		12	6	20.34	0.33	18.52	<=34.77	Pass	
			13	20.39	0.33	18.57	<=34.77	Pass	
			25	0	20.39	0.33	18.57	<=34.77	Pass
		256QAM	706.5	1	0	18.65	0.33	16.83	<=34.77
13					18.60	0.33	16.78	<=34.77	Pass
24	18.50				0.33	16.68	<=34.77	Pass	
12	0			18.42	0.33	16.60	<=34.77	Pass	
	6			18.38	0.33	16.56	<=34.77	Pass	
	13			18.35	0.33	16.53	<=34.77	Pass	
25	0			18.48	0.33	16.66	<=34.77	Pass	
710	1			0	18.59	0.33	16.77	<=34.77	Pass
				13	18.64	0.33	16.82	<=34.77	Pass
			24	18.55	0.33	16.73	<=34.77	Pass	
			0	18.58	0.33	16.76	<=34.77	Pass	
	12		6	18.49	0.33	16.67	<=34.77	Pass	
			13	18.28	0.33	16.46	<=34.77	Pass	
			25	0	18.53	0.33	16.71	<=34.77	Pass
	713.5		1	0	18.58	0.33	16.76	<=34.77	Pass
				13	18.45	0.33	16.63	<=34.77	Pass
24				18.43	0.33	16.61	<=34.77	Pass	
0				18.35	0.33	16.53	<=34.77	Pass	
12			6	18.24	0.33	16.42	<=34.77	Pass	
			13	18.24	0.33	16.42	<=34.77	Pass	
			25	0	18.38	0.33	16.56	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.2 B17_10MHz_ERP

Band: 17 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	709	1	0	23.41	0.33	21.59	<=34.77	Pass
			25	23.39	0.33	21.57	<=34.77	Pass
			49	23.26	0.33	21.44	<=34.77	Pass
		25	0	22.47	0.33	20.65	<=34.77	Pass

	710	50	13	22.40	0.33	20.58	<=34.77	Pass
			25	22.31	0.33	20.49	<=34.77	Pass
			0	22.38	0.33	20.56	<=34.77	Pass
		1	0	23.43	0.33	21.61	<=34.77	Pass
			25	23.37	0.33	21.55	<=34.77	Pass
			49	23.21	0.33	21.39	<=34.77	Pass
		25	0	22.48	0.33	20.66	<=34.77	Pass
			13	22.38	0.33	20.56	<=34.77	Pass
			25	22.31	0.33	20.49	<=34.77	Pass
		50	0	22.39	0.33	20.57	<=34.77	Pass
	711	1	0	23.22	0.33	21.40	<=34.77	Pass
			25	23.33	0.33	21.51	<=34.77	Pass
			49	23.15	0.33	21.33	<=34.77	Pass
		25	0	22.49	0.33	20.67	<=34.77	Pass
			13	22.35	0.33	20.53	<=34.77	Pass
			25	22.30	0.33	20.48	<=34.77	Pass
		50	0	22.43	0.33	20.61	<=34.77	Pass
16QAM	709	1	0	22.50	0.33	20.68	<=34.77	Pass
			25	22.58	0.33	20.76	<=34.77	Pass
			49	22.36	0.33	20.54	<=34.77	Pass
		25	0	21.42	0.33	19.60	<=34.77	Pass
			13	21.38	0.33	19.56	<=34.77	Pass
			25	21.34	0.33	19.52	<=34.77	Pass
		50	0	21.37	0.33	19.55	<=34.77	Pass
	710	1	0	22.67	0.33	20.85	<=34.77	Pass
			25	22.40	0.33	20.58	<=34.77	Pass
			49	22.22	0.33	20.40	<=34.77	Pass
		25	0	21.49	0.33	19.67	<=34.77	Pass
			13	21.36	0.33	19.54	<=34.77	Pass
			25	21.34	0.33	19.52	<=34.77	Pass
		50	0	21.38	0.33	19.56	<=34.77	Pass
	711	1	0	22.60	0.33	20.78	<=34.77	Pass
			25	22.57	0.33	20.75	<=34.77	Pass
			49	22.36	0.33	20.54	<=34.77	Pass
		25	0	21.52	0.33	19.70	<=34.77	Pass
			13	21.31	0.33	19.49	<=34.77	Pass
			25	21.35	0.33	19.53	<=34.77	Pass
		50	0	21.44	0.33	19.62	<=34.77	Pass
64QAM	709	1	0	21.50	0.33	19.68	<=34.77	Pass
			25	21.48	0.33	19.66	<=34.77	Pass
			49	21.14	0.33	19.32	<=34.77	Pass
		25	0	20.54	0.33	18.72	<=34.77	Pass
			13	20.53	0.33	18.71	<=34.77	Pass
			25	20.45	0.33	18.63	<=34.77	Pass
		50	0	20.53	0.33	18.71	<=34.77	Pass
	710	1	0	21.43	0.33	19.61	<=34.77	Pass
			25	21.49	0.33	19.67	<=34.77	Pass
			49	21.33	0.33	19.51	<=34.77	Pass
		25	0	20.64	0.33	18.82	<=34.77	Pass
			13	20.51	0.33	18.69	<=34.77	Pass
			25	20.49	0.33	18.67	<=34.77	Pass
		50	0	20.57	0.33	18.75	<=34.77	Pass
	711	1	0	21.55	0.33	19.73	<=34.77	Pass
			25	21.35	0.33	19.53	<=34.77	Pass
			49	21.27	0.33	19.45	<=34.77	Pass
		25	0	20.67	0.33	18.85	<=34.77	Pass

		50	13	20.48	0.33	18.66	<=34.77	Pass		
			25	20.45	0.33	18.63	<=34.77	Pass		
			0	20.54	0.33	18.72	<=34.77	Pass		
256QAM	709	1	0	18.54	0.33	16.72	<=34.77	Pass		
			25	18.61	0.33	16.79	<=34.77	Pass		
			49	18.36	0.33	16.54	<=34.77	Pass		
		25	0	18.51	0.33	16.69	<=34.77	Pass		
			13	18.47	0.33	16.65	<=34.77	Pass		
			25	18.39	0.33	16.57	<=34.77	Pass		
		50	0	18.39	0.33	16.57	<=34.77	Pass		
		710	1	0	18.61	0.33	16.79	<=34.77	Pass	
				25	18.58	0.33	16.76	<=34.77	Pass	
	49			18.27	0.33	16.45	<=34.77	Pass		
	25		0	18.55	0.33	16.73	<=34.77	Pass		
			13	18.45	0.33	16.63	<=34.77	Pass		
			25	18.45	0.33	16.63	<=34.77	Pass		
	50		0	18.45	0.33	16.63	<=34.77	Pass		
	711		1	0	18.68	0.33	16.86	<=34.77	Pass	
				25	18.60	0.33	16.78	<=34.77	Pass	
		49		18.15	0.33	16.33	<=34.77	Pass		
		25	0	18.57	0.33	16.75	<=34.77	Pass		
			13	18.48	0.33	16.66	<=34.77	Pass		
			25	18.34	0.33	16.52	<=34.77	Pass		
		50	0	18.48	0.33	16.66	<=34.77	Pass		
		Note1: ERP=Conducted Power+Antenna Gain-2.15								

- End of the Appendix -