

Appendix B.18

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	22.82	2.90	25.72	<=33.01	Pass
			13	22.73	2.90	25.63	<=33.01	Pass
			24	22.78	2.90	25.68	<=33.01	Pass
		12	0	21.72	2.90	24.62	<=33.01	Pass
			6	21.72	2.90	24.62	<=33.01	Pass
			13	21.71	2.90	24.61	<=33.01	Pass
		25	0	21.73	2.90	24.63	<=33.01	Pass
	2593	1	0	22.63	2.90	25.53	<=33.01	Pass
			13	22.56	2.90	25.46	<=33.01	Pass
			24	22.55	2.90	25.45	<=33.01	Pass
		12	0	21.50	2.90	24.40	<=33.01	Pass
			6	21.49	2.90	24.39	<=33.01	Pass
			13	21.44	2.90	24.34	<=33.01	Pass
		25	0	21.53	2.90	24.43	<=33.01	Pass
	2687.5	1	0	22.72	2.90	25.62	<=33.01	Pass
			13	22.71	2.90	25.61	<=33.01	Pass
			24	22.74	2.90	25.64	<=33.01	Pass
		12	0	21.75	2.90	24.65	<=33.01	Pass
			6	21.71	2.90	24.61	<=33.01	Pass
			13	21.67	2.90	24.57	<=33.01	Pass
		25	0	21.76	2.90	24.66	<=33.01	Pass
16QAM	2498.5	1	0	21.95	2.90	24.85	<=33.01	Pass
			13	21.92	2.90	24.82	<=33.01	Pass
			24	21.94	2.90	24.84	<=33.01	Pass
		12	0	20.70	2.90	23.60	<=33.01	Pass
			6	20.69	2.90	23.59	<=33.01	Pass
			13	20.66	2.90	23.56	<=33.01	Pass
		25	0	20.75	2.90	23.65	<=33.01	Pass
	2593	1	0	21.53	2.90	24.43	<=33.01	Pass
			13	21.74	2.90	24.64	<=33.01	Pass
			24	21.72	2.90	24.62	<=33.01	Pass
		12	0	20.52	2.90	23.42	<=33.01	Pass
			6	20.48	2.90	23.38	<=33.01	Pass
			13	20.42	2.90	23.32	<=33.01	Pass
		25	0	20.55	2.90	23.45	<=33.01	Pass
	2687.5	1	0	21.89	2.90	24.79	<=33.01	Pass
			13	21.66	2.90	24.56	<=33.01	Pass
			24	21.69	2.90	24.59	<=33.01	Pass
		12	0	20.74	2.90	23.64	<=33.01	Pass
			6	20.73	2.90	23.63	<=33.01	Pass
			13	20.64	2.90	23.54	<=33.01	Pass

		25	0	20.75	2.90	23.65	<=33.01	Pass
64QAM	2498.5	1	0	20.73	2.90	23.63	<=33.01	Pass
			13	20.65	2.90	23.55	<=33.01	Pass
			24	20.63	2.90	23.53	<=33.01	Pass
			0	19.78	2.90	22.68	<=33.01	Pass
		12	6	19.72	2.90	22.62	<=33.01	Pass
			13	19.73	2.90	22.63	<=33.01	Pass
			25	0	19.79	2.90	22.69	<=33.01
	2593	1	0	20.54	2.90	23.44	<=33.01	Pass
			13	20.46	2.90	23.36	<=33.01	Pass
			24	20.44	2.90	23.34	<=33.01	Pass
			0	19.55	2.90	22.45	<=33.01	Pass
		12	6	19.50	2.90	22.40	<=33.01	Pass
			13	19.50	2.90	22.40	<=33.01	Pass
			25	0	19.56	2.90	22.46	<=33.01
	2687.5	1	0	20.66	2.90	23.56	<=33.01	Pass
			13	20.64	2.90	23.54	<=33.01	Pass
			24	20.66	2.90	23.56	<=33.01	Pass
			0	19.74	2.90	22.64	<=33.01	Pass
		12	6	19.73	2.90	22.63	<=33.01	Pass
			13	19.70	2.90	22.60	<=33.01	Pass
			25	0	19.79	2.90	22.69	<=33.01
256QAM	2498.5	1	0	17.60	2.90	20.50	<=33.01	Pass
			13	17.74	2.90	20.64	<=33.01	Pass
			24	17.75	2.90	20.65	<=33.01	Pass
		12	0	17.89	2.90	20.79	<=33.01	Pass
			6	17.92	2.90	20.82	<=33.01	Pass
			13	17.85	2.90	20.75	<=33.01	Pass
		25	0	17.89	2.90	20.79	<=33.01	Pass
	2593	1	0	17.61	2.90	20.51	<=33.01	Pass
			13	17.53	2.90	20.43	<=33.01	Pass
			24	17.50	2.90	20.40	<=33.01	Pass
			0	17.68	2.90	20.58	<=33.01	Pass
		12	6	17.64	2.90	20.54	<=33.01	Pass
			13	17.67	2.90	20.57	<=33.01	Pass
			25	0	17.67	2.90	20.57	<=33.01
	2687.5	1	0	17.76	2.90	20.66	<=33.01	Pass
			13	17.74	2.90	20.64	<=33.01	Pass
			24	17.78	2.90	20.68	<=33.01	Pass
0			17.92	2.90	20.82	<=33.01	Pass	
12		6	17.95	2.90	20.85	<=33.01	Pass	
		13	17.85	2.90	20.75	<=33.01	Pass	
		25	0	17.89	2.90	20.79	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	22.76	2.90	25.66	<=33.01	Pass
			25	22.77	2.90	25.67	<=33.01	Pass
			49	22.68	2.90	25.58	<=33.01	Pass

		25	0	21.72	2.90	24.62	<=33.01	Pass
			13	21.71	2.90	24.61	<=33.01	Pass
			25	21.64	2.90	24.54	<=33.01	Pass
		50	0	21.74	2.90	24.64	<=33.01	Pass
	2593	1	0	22.54	2.90	25.44	<=33.01	Pass
			25	22.55	2.90	25.45	<=33.01	Pass
			49	22.45	2.90	25.35	<=33.01	Pass
		25	0	21.47	2.90	24.37	<=33.01	Pass
			13	21.51	2.90	24.41	<=33.01	Pass
			25	21.45	2.90	24.35	<=33.01	Pass
		50	0	21.46	2.90	24.36	<=33.01	Pass
	2685	1	0	22.59	2.90	25.49	<=33.01	Pass
			25	22.68	2.90	25.58	<=33.01	Pass
			49	22.68	2.90	25.58	<=33.01	Pass
		25	0	21.68	2.90	24.58	<=33.01	Pass
			13	21.68	2.90	24.58	<=33.01	Pass
			25	21.70	2.90	24.60	<=33.01	Pass
		50	0	21.71	2.90	24.61	<=33.01	Pass
16QAM	2501	1	0	21.80	2.90	24.70	<=33.01	Pass
			25	21.78	2.90	24.68	<=33.01	Pass
			49	21.75	2.90	24.65	<=33.01	Pass
		25	0	20.71	2.90	23.61	<=33.01	Pass
			13	20.70	2.90	23.60	<=33.01	Pass
			25	20.70	2.90	23.60	<=33.01	Pass
		50	0	20.75	2.90	23.65	<=33.01	Pass
	2593	1	0	21.73	2.90	24.63	<=33.01	Pass
			25	21.76	2.90	24.66	<=33.01	Pass
			49	21.64	2.90	24.54	<=33.01	Pass
		25	0	20.49	2.90	23.39	<=33.01	Pass
			13	20.52	2.90	23.42	<=33.01	Pass
			25	20.48	2.90	23.38	<=33.01	Pass
		50	0	20.50	2.90	23.40	<=33.01	Pass
	2685	1	0	21.83	2.90	24.73	<=33.01	Pass
			25	21.90	2.90	24.80	<=33.01	Pass
			49	21.85	2.90	24.75	<=33.01	Pass
		25	0	20.68	2.90	23.58	<=33.01	Pass
			13	20.69	2.90	23.59	<=33.01	Pass
			25	20.68	2.90	23.58	<=33.01	Pass
		50	0	20.70	2.90	23.60	<=33.01	Pass
64QAM	2501	1	0	20.70	2.90	23.60	<=33.01	Pass
			25	20.69	2.90	23.59	<=33.01	Pass
			49	20.63	2.90	23.53	<=33.01	Pass
		25	0	19.78	2.90	22.68	<=33.01	Pass
			13	19.74	2.90	22.64	<=33.01	Pass
			25	19.74	2.90	22.64	<=33.01	Pass
		50	0	19.70	2.90	22.60	<=33.01	Pass
	2593	1	0	20.46	2.90	23.36	<=33.01	Pass
			25	20.46	2.90	23.36	<=33.01	Pass
			49	20.35	2.90	23.25	<=33.01	Pass
		25	0	19.54	2.90	22.44	<=33.01	Pass
			13	19.56	2.90	22.46	<=33.01	Pass
			25	19.45	2.90	22.35	<=33.01	Pass
		50	0	19.44	2.90	22.34	<=33.01	Pass
	2685	1	0	20.55	2.90	23.45	<=33.01	Pass
			25	20.67	2.90	23.57	<=33.01	Pass

			49	20.61	2.90	23.51	<=33.01	Pass	
		25	0	19.77	2.90	22.67	<=33.01	Pass	
			13	19.73	2.90	22.63	<=33.01	Pass	
			25	19.73	2.90	22.63	<=33.01	Pass	
		50	0	19.68	2.90	22.58	<=33.01	Pass	
256QAM	2501	1	0	17.66	2.90	20.56	<=33.01	Pass	
			25	17.69	2.90	20.59	<=33.01	Pass	
			49	17.75	2.90	20.65	<=33.01	Pass	
		25	0	17.86	2.90	20.76	<=33.01	Pass	
			13	17.93	2.90	20.83	<=33.01	Pass	
			25	17.81	2.90	20.71	<=33.01	Pass	
		50	0	17.85	2.90	20.75	<=33.01	Pass	
		2593	1	0	17.54	2.90	20.44	<=33.01	Pass
				25	17.57	2.90	20.47	<=33.01	Pass
				49	17.41	2.90	20.31	<=33.01	Pass
	25		0	17.61	2.90	20.51	<=33.01	Pass	
			13	17.64	2.90	20.54	<=33.01	Pass	
			25	17.63	2.90	20.53	<=33.01	Pass	
	50		0	17.63	2.90	20.53	<=33.01	Pass	
	2685	1	0	17.65	2.90	20.55	<=33.01	Pass	
			25	17.77	2.90	20.67	<=33.01	Pass	
			49	17.74	2.90	20.64	<=33.01	Pass	
		25	0	17.87	2.90	20.77	<=33.01	Pass	
			13	17.81	2.90	20.71	<=33.01	Pass	
			25	17.80	2.90	20.70	<=33.01	Pass	
		50	0	17.85	2.90	20.75	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	22.65	2.90	25.55	<=33.01	Pass
			38	22.74	2.90	25.64	<=33.01	Pass
			74	22.62	2.90	25.52	<=33.01	Pass
		36	0	21.69	2.90	24.59	<=33.01	Pass
			18	21.70	2.90	24.60	<=33.01	Pass
			39	21.62	2.90	24.52	<=33.01	Pass
		75	0	21.69	2.90	24.59	<=33.01	Pass
	2593	1	0	22.49	2.90	25.39	<=33.01	Pass
			38	22.55	2.90	25.45	<=33.01	Pass
			74	22.39	2.90	25.29	<=33.01	Pass
		36	0	21.42	2.90	24.32	<=33.01	Pass
			18	21.45	2.90	24.35	<=33.01	Pass
			39	21.37	2.90	24.27	<=33.01	Pass
		75	0	21.46	2.90	24.36	<=33.01	Pass
	2682.5	1	0	22.44	2.90	25.34	<=33.01	Pass
			38	22.66	2.90	25.56	<=33.01	Pass
			74	22.60	2.90	25.50	<=33.01	Pass
		36	0	21.60	2.90	24.50	<=33.01	Pass
			18	21.64	2.90	24.54	<=33.01	Pass
			39	21.66	2.90	24.56	<=33.01	Pass

		75	0	21.65	2.90	24.55	<=33.01	Pass
16QAM	2503.5	1	0	21.87	2.90	24.77	<=33.01	Pass
			38	21.93	2.90	24.83	<=33.01	Pass
			74	21.79	2.90	24.69	<=33.01	Pass
		36	0	20.62	2.90	23.52	<=33.01	Pass
			18	20.67	2.90	23.57	<=33.01	Pass
			39	20.68	2.90	23.58	<=33.01	Pass
		75	0	20.68	2.90	23.58	<=33.01	Pass
	2593	1	0	21.68	2.90	24.58	<=33.01	Pass
			38	21.73	2.90	24.63	<=33.01	Pass
			74	21.55	2.90	24.45	<=33.01	Pass
		36	0	20.47	2.90	23.37	<=33.01	Pass
			18	20.47	2.90	23.37	<=33.01	Pass
			39	20.35	2.90	23.25	<=33.01	Pass
		75	0	20.42	2.90	23.32	<=33.01	Pass
	2682.5	1	0	21.65	2.90	24.55	<=33.01	Pass
			38	21.87	2.90	24.77	<=33.01	Pass
			74	21.82	2.90	24.72	<=33.01	Pass
		36	0	20.56	2.90	23.46	<=33.01	Pass
			18	20.64	2.90	23.54	<=33.01	Pass
			39	20.64	2.90	23.54	<=33.01	Pass
		75	0	20.63	2.90	23.53	<=33.01	Pass
64QAM	2503.5	1	0	20.58	2.90	23.48	<=33.01	Pass
			38	20.68	2.90	23.58	<=33.01	Pass
			74	20.55	2.90	23.45	<=33.01	Pass
		36	0	19.61	2.90	22.51	<=33.01	Pass
			18	19.65	2.90	22.55	<=33.01	Pass
			39	19.60	2.90	22.50	<=33.01	Pass
		75	0	19.64	2.90	22.54	<=33.01	Pass
	2593	1	0	20.39	2.90	23.29	<=33.01	Pass
			38	20.47	2.90	23.37	<=33.01	Pass
			74	20.28	2.90	23.18	<=33.01	Pass
		36	0	19.46	2.90	22.36	<=33.01	Pass
			18	19.40	2.90	22.30	<=33.01	Pass
			39	19.31	2.90	22.21	<=33.01	Pass
		75	0	19.40	2.90	22.30	<=33.01	Pass
	2682.5	1	0	20.40	2.90	23.30	<=33.01	Pass
			38	20.64	2.90	23.54	<=33.01	Pass
			74	20.58	2.90	23.48	<=33.01	Pass
		36	0	19.58	2.90	22.48	<=33.01	Pass
			18	19.64	2.90	22.54	<=33.01	Pass
			39	19.64	2.90	22.54	<=33.01	Pass
		75	0	19.60	2.90	22.50	<=33.01	Pass
256QAM	2503.5	1	0	17.70	2.90	20.60	<=33.01	Pass
			38	17.75	2.90	20.65	<=33.01	Pass
			74	17.65	2.90	20.55	<=33.01	Pass
		36	0	17.76	2.90	20.66	<=33.01	Pass
			18	17.80	2.90	20.70	<=33.01	Pass
			39	17.80	2.90	20.70	<=33.01	Pass
		75	0	17.76	2.90	20.66	<=33.01	Pass
	2593	1	0	17.51	2.90	20.41	<=33.01	Pass
			38	17.54	2.90	20.44	<=33.01	Pass
			74	17.39	2.90	20.29	<=33.01	Pass
		36	0	17.57	2.90	20.47	<=33.01	Pass
			18	17.58	2.90	20.48	<=33.01	Pass

	2682.5	75	39	17.51	2.90	20.41	<=33.01	Pass
			0	17.58	2.90	20.48	<=33.01	Pass
			0	17.53	2.90	20.43	<=33.01	Pass
		1	38	17.73	2.90	20.63	<=33.01	Pass
			74	17.70	2.90	20.60	<=33.01	Pass
			0	17.72	2.90	20.62	<=33.01	Pass
		36	18	17.78	2.90	20.68	<=33.01	Pass
			39	17.79	2.90	20.69	<=33.01	Pass
			0	17.75	2.90	20.65	<=33.01	Pass
		75	0	17.75	2.90	20.65	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	22.65	2.90	25.55	<=33.01	Pass
			50	22.72	2.90	25.62	<=33.01	Pass
			99	22.56	2.90	25.46	<=33.01	Pass
		50	0	21.69	2.90	24.59	<=33.01	Pass
			25	21.72	2.90	24.62	<=33.01	Pass
			50	21.66	2.90	24.56	<=33.01	Pass
		100	0	21.65	2.90	24.55	<=33.01	Pass
	2593	1	0	22.48	2.90	25.38	<=33.01	Pass
			50	22.56	2.90	25.46	<=33.01	Pass
			99	22.35	2.90	25.25	<=33.01	Pass
		50	0	21.47	2.90	24.37	<=33.01	Pass
			25	21.50	2.90	24.40	<=33.01	Pass
			50	21.38	2.90	24.28	<=33.01	Pass
		100	0	21.51	2.90	24.41	<=33.01	Pass
	2680	1	0	22.28	2.90	25.18	<=33.01	Pass
			50	22.64	2.90	25.54	<=33.01	Pass
			99	22.58	2.90	25.48	<=33.01	Pass
		50	0	21.52	2.90	24.42	<=33.01	Pass
			25	21.60	2.90	24.50	<=33.01	Pass
			50	21.63	2.90	24.53	<=33.01	Pass
		100	0	21.62	2.90	24.52	<=33.01	Pass
16QAM	2506	1	0	21.81	2.90	24.71	<=33.01	Pass
			50	21.90	2.90	24.80	<=33.01	Pass
			99	21.75	2.90	24.65	<=33.01	Pass
		50	0	20.64	2.90	23.54	<=33.01	Pass
			25	20.67	2.90	23.57	<=33.01	Pass
			50	20.69	2.90	23.59	<=33.01	Pass
		100	0	20.65	2.90	23.55	<=33.01	Pass
	2593	1	0	21.64	2.90	24.54	<=33.01	Pass
			50	21.76	2.90	24.66	<=33.01	Pass
			99	21.53	2.90	24.43	<=33.01	Pass
		50	0	20.49	2.90	23.39	<=33.01	Pass
			25	20.53	2.90	23.43	<=33.01	Pass
			50	20.41	2.90	23.31	<=33.01	Pass
		100	0	20.45	2.90	23.35	<=33.01	Pass
	2680	1	0	21.51	2.90	24.41	<=33.01	Pass
			50	21.82	2.90	24.72	<=33.01	Pass

		50	99	21.77	2.90	24.67	<=33.01	Pass		
			0	20.58	2.90	23.48	<=33.01	Pass		
			25	20.62	2.90	23.52	<=33.01	Pass		
			50	20.66	2.90	23.56	<=33.01	Pass		
		100	0	20.60	2.90	23.50	<=33.01	Pass		
64QAM	2506	1	0	20.53	2.90	23.43	<=33.01	Pass		
			50	20.65	2.90	23.55	<=33.01	Pass		
			99	20.49	2.90	23.39	<=33.01	Pass		
			0	19.60	2.90	22.50	<=33.01	Pass		
		50	25	19.65	2.90	22.55	<=33.01	Pass		
			50	19.61	2.90	22.51	<=33.01	Pass		
			100	0	19.60	2.90	22.50	<=33.01	Pass	
		2593	1	0	20.41	2.90	23.31	<=33.01	Pass	
				50	20.48	2.90	23.38	<=33.01	Pass	
				99	20.25	2.90	23.15	<=33.01	Pass	
	50		0	19.47	2.90	22.37	<=33.01	Pass		
			25	19.44	2.90	22.34	<=33.01	Pass		
			50	19.40	2.90	22.30	<=33.01	Pass		
	100		0	19.46	2.90	22.36	<=33.01	Pass		
	2680	1	0	20.25	2.90	23.15	<=33.01	Pass		
			50	20.56	2.90	23.46	<=33.01	Pass		
			99	20.55	2.90	23.45	<=33.01	Pass		
		50	0	19.55	2.90	22.45	<=33.01	Pass		
			25	19.59	2.90	22.49	<=33.01	Pass		
			50	19.59	2.90	22.49	<=33.01	Pass		
		100	0	19.52	2.90	22.42	<=33.01	Pass		
		256QAM	2506	1	0	17.64	2.90	20.54	<=33.01	Pass
	50				17.77	2.90	20.67	<=33.01	Pass	
	99				17.58	2.90	20.48	<=33.01	Pass	
	50			0	17.82	2.90	20.72	<=33.01	Pass	
				25	17.93	2.90	20.83	<=33.01	Pass	
				50	17.79	2.90	20.69	<=33.01	Pass	
	100			0	17.83	2.90	20.73	<=33.01	Pass	
	2593			1	0	17.47	2.90	20.37	<=33.01	Pass
					50	17.58	2.90	20.48	<=33.01	Pass
99			17.34		2.90	20.24	<=33.01	Pass		
50			0	17.64	2.90	20.54	<=33.01	Pass		
			25	17.69	2.90	20.59	<=33.01	Pass		
			50	17.61	2.90	20.51	<=33.01	Pass		
100	0		17.57	2.90	20.47	<=33.01	Pass			
2680	1		0	17.38	2.90	20.28	<=33.01	Pass		
			50	17.70	2.90	20.60	<=33.01	Pass		
			99	17.67	2.90	20.57	<=33.01	Pass		
	50		0	17.75	2.90	20.65	<=33.01	Pass		
			25	17.85	2.90	20.75	<=33.01	Pass		
			50	17.79	2.90	20.69	<=33.01	Pass		
	100		0	17.66	2.90	20.56	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

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- End of the Appendix -