

**Appendix A.13****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	23.56	2.00	25.56	<=33.01	Pass
			13	23.57	2.00	25.57	<=33.01	Pass
			24	23.48	2.00	25.48	<=33.01	Pass
		12	0	22.65	2.00	24.65	<=33.01	Pass
			6	22.69	2.00	24.69	<=33.01	Pass
			13	22.64	2.00	24.64	<=33.01	Pass
		25	0	22.66	2.00	24.66	<=33.01	Pass
	2595	1	0	23.51	2.00	25.51	<=33.01	Pass
			13	23.52	2.00	25.52	<=33.01	Pass
			24	23.39	2.00	25.39	<=33.01	Pass
		12	0	22.61	2.00	24.61	<=33.01	Pass
			6	22.62	2.00	24.62	<=33.01	Pass
			13	22.54	2.00	24.54	<=33.01	Pass
		25	0	22.53	2.00	24.53	<=33.01	Pass
	2617.5	1	0	23.49	2.00	25.49	<=33.01	Pass
			13	23.50	2.00	25.50	<=33.01	Pass
			24	23.43	2.00	25.43	<=33.01	Pass
		12	0	22.65	2.00	24.65	<=33.01	Pass
			6	22.62	2.00	24.62	<=33.01	Pass
			13	22.60	2.00	24.60	<=33.01	Pass
		25	0	22.63	2.00	24.63	<=33.01	Pass
16QAM	2572.5	1	0	22.70	2.00	24.70	<=33.01	Pass
			13	22.92	2.00	24.92	<=33.01	Pass
			24	22.82	2.00	24.82	<=33.01	Pass
		12	0	21.60	2.00	23.60	<=33.01	Pass
			6	21.65	2.00	23.65	<=33.01	Pass
			13	21.60	2.00	23.60	<=33.01	Pass
		25	0	21.63	2.00	23.63	<=33.01	Pass
	2595	1	0	22.70	2.00	24.70	<=33.01	Pass
			13	22.73	2.00	24.73	<=33.01	Pass
			24	22.69	2.00	24.69	<=33.01	Pass
		12	0	21.62	2.00	23.62	<=33.01	Pass
			6	21.59	2.00	23.59	<=33.01	Pass
			13	21.48	2.00	23.48	<=33.01	Pass
		25	0	21.54	2.00	23.54	<=33.01	Pass
	2617.5	1	0	22.76	2.00	24.76	<=33.01	Pass
			13	22.73	2.00	24.73	<=33.01	Pass
			24	22.70	2.00	24.70	<=33.01	Pass
		12	0	21.54	2.00	23.54	<=33.01	Pass
			6	21.60	2.00	23.60	<=33.01	Pass

64QAM	2572.5	25	13	21.52	2.00	23.52	<=33.01	Pass
			0	21.64	2.00	23.64	<=33.01	Pass
	2572.5	1	0	22.62	2.00	24.62	<=33.01	Pass
			13	22.58	2.00	24.58	<=33.01	Pass
			24	22.60	2.00	24.60	<=33.01	Pass
		12	0	21.68	2.00	23.68	<=33.01	Pass
			6	21.61	2.00	23.61	<=33.01	Pass
			13	21.71	2.00	23.71	<=33.01	Pass
	2595	25	0	21.60	2.00	23.60	<=33.01	Pass
			0	22.56	2.00	24.56	<=33.01	Pass
			13	22.57	2.00	24.57	<=33.01	Pass
		1	24	22.55	2.00	24.55	<=33.01	Pass
			0	21.66	2.00	23.66	<=33.01	Pass
		12	6	21.60	2.00	23.60	<=33.01	Pass
			13	21.50	2.00	23.50	<=33.01	Pass
		25	0	21.52	2.00	23.52	<=33.01	Pass
			0	22.47	2.00	24.47	<=33.01	Pass
		1	13	22.55	2.00	24.55	<=33.01	Pass
			24	22.55	2.00	24.55	<=33.01	Pass
	2617.5	12	0	21.70	2.00	23.70	<=33.01	Pass
			6	21.62	2.00	23.62	<=33.01	Pass
			13	21.63	2.00	23.63	<=33.01	Pass
		25	0	21.61	2.00	23.61	<=33.01	Pass
256QAM	2572.5	1	0	18.50	2.00	20.50	<=33.01	Pass
			13	18.51	2.00	20.51	<=33.01	Pass
			24	18.48	2.00	20.48	<=33.01	Pass
		12	0	18.74	2.00	20.74	<=33.01	Pass
			6	18.80	2.00	20.80	<=33.01	Pass
			13	18.77	2.00	20.77	<=33.01	Pass
		25	0	18.78	2.00	20.78	<=33.01	Pass
			0	18.52	2.00	20.52	<=33.01	Pass
		1	13	18.50	2.00	20.50	<=33.01	Pass
			24	18.40	2.00	20.40	<=33.01	Pass
	2595	12	0	18.77	2.00	20.77	<=33.01	Pass
			6	18.80	2.00	20.80	<=33.01	Pass
			13	18.63	2.00	20.63	<=33.01	Pass
		25	0	18.65	2.00	20.65	<=33.01	Pass
			0	18.58	2.00	20.58	<=33.01	Pass
		1	13	18.48	2.00	20.48	<=33.01	Pass
			24	18.48	2.00	20.48	<=33.01	Pass
	2617.5	12	0	18.80	2.00	20.80	<=33.01	Pass
			6	18.77	2.00	20.77	<=33.01	Pass
			13	18.72	2.00	20.72	<=33.01	Pass
		25	0	18.74	2.00	20.74	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B38_10MHz_EIRP

Band: 38 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	

QPSK	2575	1	0	23.48	2.00	25.48	<=33.01	Pass
			25	23.45	2.00	25.45	<=33.01	Pass
			49	23.48	2.00	25.48	<=33.01	Pass
		25	0	22.64	2.00	24.64	<=33.01	Pass
			13	22.74	2.00	24.74	<=33.01	Pass
			25	22.66	2.00	24.66	<=33.01	Pass
		50	0	22.66	2.00	24.66	<=33.01	Pass
	2595	1	0	23.49	2.00	25.49	<=33.01	Pass
			25	23.36	2.00	25.36	<=33.01	Pass
			49	23.43	2.00	25.43	<=33.01	Pass
		25	0	22.55	2.00	24.55	<=33.01	Pass
			13	22.50	2.00	24.50	<=33.01	Pass
			25	22.51	2.00	24.51	<=33.01	Pass
		50	0	22.53	2.00	24.53	<=33.01	Pass
	2615	1	0	23.63	2.00	25.63	<=33.01	Pass
			25	23.48	2.00	25.48	<=33.01	Pass
			49	23.41	2.00	25.41	<=33.01	Pass
		25	0	22.72	2.00	24.72	<=33.01	Pass
			13	22.68	2.00	24.68	<=33.01	Pass
			25	22.63	2.00	24.63	<=33.01	Pass
		50	0	22.69	2.00	24.69	<=33.01	Pass
16QAM	2575	1	0	22.71	2.00	24.71	<=33.01	Pass
			25	22.76	2.00	24.76	<=33.01	Pass
			49	22.72	2.00	24.72	<=33.01	Pass
		25	0	21.64	2.00	23.64	<=33.01	Pass
			13	21.75	2.00	23.75	<=33.01	Pass
			25	21.66	2.00	23.66	<=33.01	Pass
		50	0	21.75	2.00	23.75	<=33.01	Pass
	2595	1	0	22.72	2.00	24.72	<=33.01	Pass
			25	22.64	2.00	24.64	<=33.01	Pass
			49	22.64	2.00	24.64	<=33.01	Pass
		25	0	21.52	2.00	23.52	<=33.01	Pass
			13	21.59	2.00	23.59	<=33.01	Pass
			25	21.52	2.00	23.52	<=33.01	Pass
		50	0	21.62	2.00	23.62	<=33.01	Pass
	2615	1	0	22.87	2.00	24.87	<=33.01	Pass
			25	22.71	2.00	24.71	<=33.01	Pass
			49	22.62	2.00	24.62	<=33.01	Pass
		25	0	21.72	2.00	23.72	<=33.01	Pass
			13	21.72	2.00	23.72	<=33.01	Pass
			25	21.65	2.00	23.65	<=33.01	Pass
		50	0	21.72	2.00	23.72	<=33.01	Pass
64QAM	2575	1	0	22.54	2.00	24.54	<=33.01	Pass
			25	22.43	2.00	24.43	<=33.01	Pass
			49	22.56	2.00	24.56	<=33.01	Pass
		25	0	21.66	2.00	23.66	<=33.01	Pass
			13	21.68	2.00	23.68	<=33.01	Pass
			25	21.69	2.00	23.69	<=33.01	Pass
		50	0	21.69	2.00	23.69	<=33.01	Pass
	2595	1	0	22.54	2.00	24.54	<=33.01	Pass
			25	22.40	2.00	24.40	<=33.01	Pass
			49	22.55	2.00	24.55	<=33.01	Pass
		25	0	21.57	2.00	23.57	<=33.01	Pass



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		50	13	21.58	2.00	23.58	<=33.01	Pass
			25	21.49	2.00	23.49	<=33.01	Pass
			0	21.50	2.00	23.50	<=33.01	Pass
	2615	1	0	22.70	2.00	24.70	<=33.01	Pass
			25	22.46	2.00	24.46	<=33.01	Pass
			49	22.56	2.00	24.56	<=33.01	Pass
		25	0	21.71	2.00	23.71	<=33.01	Pass
			13	21.67	2.00	23.67	<=33.01	Pass
			25	21.63	2.00	23.63	<=33.01	Pass
		50	0	21.67	2.00	23.67	<=33.01	Pass
256QAM	2575	1	0	18.45	2.00	20.45	<=33.01	Pass
			25	18.51	2.00	20.51	<=33.01	Pass
			49	18.45	2.00	20.45	<=33.01	Pass
		25	0	18.78	2.00	20.78	<=33.01	Pass
			13	18.77	2.00	20.77	<=33.01	Pass
			25	18.77	2.00	20.77	<=33.01	Pass
		50	0	18.85	2.00	20.85	<=33.01	Pass
	2595	1	0	18.35	2.00	20.35	<=33.01	Pass
			25	18.39	2.00	20.39	<=33.01	Pass
			49	18.35	2.00	20.35	<=33.01	Pass
		25	0	18.66	2.00	20.66	<=33.01	Pass
			13	18.66	2.00	20.66	<=33.01	Pass
			25	18.57	2.00	20.57	<=33.01	Pass
		50	0	18.66	2.00	20.66	<=33.01	Pass
	2615	1	0	18.59	2.00	20.59	<=33.01	Pass
			25	18.53	2.00	20.53	<=33.01	Pass
			49	18.32	2.00	20.32	<=33.01	Pass
		25	0	18.83	2.00	20.83	<=33.01	Pass
			13	18.79	2.00	20.79	<=33.01	Pass
			25	18.72	2.00	20.72	<=33.01	Pass
		50	0	18.82	2.00	20.82	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B38_15MHz_EIRP

Band: 38 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2577.5	1	0	23.50	2.00	25.50	<=33.01	Pass
			38	23.45	2.00	25.45	<=33.01	Pass
			74	23.42	2.00	25.42	<=33.01	Pass
		36	0	22.62	2.00	24.62	<=33.01	Pass
			18	22.63	2.00	24.63	<=33.01	Pass
			39	22.53	2.00	24.53	<=33.01	Pass
		75	0	22.55	2.00	24.55	<=33.01	Pass
	2595	1	0	23.42	2.00	25.42	<=33.01	Pass
			38	23.42	2.00	25.42	<=33.01	Pass
			74	23.43	2.00	25.43	<=33.01	Pass
		36	0	22.46	2.00	24.46	<=33.01	Pass
			18	22.44	2.00	24.44	<=33.01	Pass
			39	22.40	2.00	24.40	<=33.01	Pass

		75	0	22.44	2.00	24.44	<=33.01	Pass		
	2612.5	1	0	23.59	2.00	25.59	<=33.01	Pass		
			38	23.52	2.00	25.52	<=33.01	Pass		
			74	23.35	2.00	25.35	<=33.01	Pass		
			0	22.72	2.00	24.72	<=33.01	Pass		
		36	18	22.69	2.00	24.69	<=33.01	Pass		
			39	22.59	2.00	24.59	<=33.01	Pass		
			75	0	22.63	2.00	24.63	<=33.01	Pass	
16QAM		2577.5	1	0	22.68	2.00	24.68	<=33.01	Pass	
	38			22.69	2.00	24.69	<=33.01	Pass		
	74			22.67	2.00	24.67	<=33.01	Pass		
	36		0	21.56	2.00	23.56	<=33.01	Pass		
			18	21.59	2.00	23.59	<=33.01	Pass		
			39	21.57	2.00	23.57	<=33.01	Pass		
	75		0	21.59	2.00	23.59	<=33.01	Pass		
	2595		1	0	22.69	2.00	24.69	<=33.01	Pass	
				38	22.61	2.00	24.61	<=33.01	Pass	
				74	22.62	2.00	24.62	<=33.01	Pass	
		36	0	21.44	2.00	23.44	<=33.01	Pass		
			18	21.46	2.00	23.46	<=33.01	Pass		
			39	21.39	2.00	23.39	<=33.01	Pass		
			75	0	21.53	2.00	23.53	<=33.01	Pass	
	2612.5	1	0	22.82	2.00	24.82	<=33.01	Pass		
			38	22.70	2.00	24.70	<=33.01	Pass		
			74	22.61	2.00	24.61	<=33.01	Pass		
		36	0	21.67	2.00	23.67	<=33.01	Pass		
			18	21.68	2.00	23.68	<=33.01	Pass		
			39	21.54	2.00	23.54	<=33.01	Pass		
			75	0	21.65	2.00	23.65	<=33.01	Pass	
	64QAM	2577.5	1	0	22.38	2.00	24.38	<=33.01	Pass	
				38	22.46	2.00	24.46	<=33.01	Pass	
				74	22.45	2.00	24.45	<=33.01	Pass	
			36	0	21.56	2.00	23.56	<=33.01	Pass	
				18	21.63	2.00	23.63	<=33.01	Pass	
				39	21.56	2.00	23.56	<=33.01	Pass	
				75	0	21.62	2.00	23.62	<=33.01	Pass
		2595	1	0	22.40	2.00	24.40	<=33.01	Pass	
				38	22.31	2.00	24.31	<=33.01	Pass	
				74	22.39	2.00	24.39	<=33.01	Pass	
			36	0	21.49	2.00	23.49	<=33.01	Pass	
18				21.47	2.00	23.47	<=33.01	Pass		
39				21.45	2.00	23.45	<=33.01	Pass		
75				0	21.50	2.00	23.50	<=33.01	Pass	
2612.5		1	0	22.54	2.00	24.54	<=33.01	Pass		
			38	22.54	2.00	24.54	<=33.01	Pass		
			74	22.39	2.00	24.39	<=33.01	Pass		
		36	0	21.66	2.00	23.66	<=33.01	Pass		
			18	21.67	2.00	23.67	<=33.01	Pass		
			39	21.49	2.00	23.49	<=33.01	Pass		
			75	0	21.65	2.00	23.65	<=33.01	Pass	
		256QAM	2577.5	1	0	18.31	2.00	20.31	<=33.01	Pass
					38	18.53	2.00	20.53	<=33.01	Pass
					74	18.50	2.00	20.50	<=33.01	Pass



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		36	0	18.67	2.00	20.67	<=33.01	Pass
			18	18.69	2.00	20.69	<=33.01	Pass
			39	18.72	2.00	20.72	<=33.01	Pass
	2595	75	0	18.71	2.00	20.71	<=33.01	Pass
			0	18.31	2.00	20.31	<=33.01	Pass
			38	18.46	2.00	20.46	<=33.01	Pass
		36	74	18.32	2.00	20.32	<=33.01	Pass
			0	18.56	2.00	20.56	<=33.01	Pass
			18	18.56	2.00	20.56	<=33.01	Pass
		75	39	18.54	2.00	20.54	<=33.01	Pass
			0	18.55	2.00	20.55	<=33.01	Pass
			0	18.43	2.00	20.43	<=33.01	Pass
	2612.5	1	38	18.63	2.00	20.63	<=33.01	Pass
			74	18.33	2.00	20.33	<=33.01	Pass
		36	0	18.79	2.00	20.79	<=33.01	Pass
			18	18.75	2.00	20.75	<=33.01	Pass
			39	18.67	2.00	20.67	<=33.01	Pass
		75	0	18.70	2.00	20.70	<=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	23.41	2.00	25.41	<=33.01	Pass
			50	23.50	2.00	25.50	<=33.01	Pass
			99	23.39	2.00	25.39	<=33.01	Pass
		50	0	22.58	2.00	24.58	<=33.01	Pass
			25	22.60	2.00	24.60	<=33.01	Pass
			50	22.55	2.00	24.55	<=33.01	Pass
		100	0	22.57	2.00	24.57	<=33.01	Pass
			0	23.46	2.00	25.46	<=33.01	Pass
			50	23.37	2.00	25.37	<=33.01	Pass
	2595	1	99	23.40	2.00	25.40	<=33.01	Pass
			0	22.44	2.00	24.44	<=33.01	Pass
			25	22.46	2.00	24.46	<=33.01	Pass
		50	50	22.43	2.00	24.43	<=33.01	Pass
			0	22.44	2.00	24.44	<=33.01	Pass
		100	0	22.44	2.00	24.44	<=33.01	Pass
			0	23.55	2.00	25.55	<=33.01	Pass
			50	23.44	2.00	25.44	<=33.01	Pass
			99	23.38	2.00	25.38	<=33.01	Pass
	2610	1	0	22.72	2.00	24.72	<=33.01	Pass
			25	22.71	2.00	24.71	<=33.01	Pass
			50	22.50	2.00	24.50	<=33.01	Pass
		50	0	22.65	2.00	24.65	<=33.01	Pass
			0	22.68	2.00	24.68	<=33.01	Pass
			50	22.68	2.00	24.68	<=33.01	Pass
		50	99	22.62	2.00	24.62	<=33.01	Pass
			0	21.62	2.00	23.62	<=33.01	Pass
			25	21.69	2.00	23.69	<=33.01	Pass

	2595	100		50	21.64	2.00	23.64	<=33.01	Pass	
				0	21.65	2.00	23.65	<=33.01	Pass	
		1		0	22.73	2.00	24.73	<=33.01	Pass	
				50	22.60	2.00	24.60	<=33.01	Pass	
				99	22.67	2.00	24.67	<=33.01	Pass	
				0	21.48	2.00	23.48	<=33.01	Pass	
		50		25	21.53	2.00	23.53	<=33.01	Pass	
				50	21.47	2.00	23.47	<=33.01	Pass	
			100	0	21.51	2.00	23.51	<=33.01	Pass	
		2610	1		0	22.80	2.00	24.80	<=33.01	Pass
					50	22.74	2.00	24.74	<=33.01	Pass
					99	22.60	2.00	24.60	<=33.01	Pass
	50			0	21.72	2.00	23.72	<=33.01	Pass	
				25	21.76	2.00	23.76	<=33.01	Pass	
				50	21.50	2.00	23.50	<=33.01	Pass	
	100		0	21.64	2.00	23.64	<=33.01	Pass		

64QAM	2580	1		0	22.38	2.00	24.38	<=33.01	Pass	
				50	22.46	2.00	24.46	<=33.01	Pass	
				99	22.40	2.00	24.40	<=33.01	Pass	
		50		0	21.60	2.00	23.60	<=33.01	Pass	
				25	21.62	2.00	23.62	<=33.01	Pass	
				50	21.55	2.00	23.55	<=33.01	Pass	
			100	0	21.64	2.00	23.64	<=33.01	Pass	
		2595	1		0	22.41	2.00	24.41	<=33.01	Pass
					50	22.34	2.00	24.34	<=33.01	Pass
					99	22.36	2.00	24.36	<=33.01	Pass
	50			0	21.44	2.00	23.44	<=33.01	Pass	
				25	21.43	2.00	23.43	<=33.01	Pass	
				50	21.40	2.00	23.40	<=33.01	Pass	
	100		0	21.50	2.00	23.50	<=33.01	Pass		
	2610	1		0	22.63	2.00	24.63	<=33.01	Pass	
				50	22.62	2.00	24.62	<=33.01	Pass	
				99	22.51	2.00	24.51	<=33.01	Pass	
		50		0	21.72	2.00	23.72	<=33.01	Pass	
				25	21.66	2.00	23.66	<=33.01	Pass	
				50	21.49	2.00	23.49	<=33.01	Pass	
		100	0	21.70	2.00	23.70	<=33.01	Pass		

256QAM	2580	1		0	18.32	2.00	20.32	<=33.01	Pass
				50	18.51	2.00	20.51	<=33.01	Pass
				99	18.51	2.00	20.51	<=33.01	Pass
		50		0	18.75	2.00	20.75	<=33.01	Pass
				25	18.80	2.00	20.80	<=33.01	Pass
				50	18.68	2.00	20.68	<=33.01	Pass
		100	0	18.70	2.00	20.70	<=33.01	Pass	
	2595	1		0	18.41	2.00	20.41	<=33.01	Pass
				50	18.31	2.00	20.31	<=33.01	Pass
				99	18.46	2.00	20.46	<=33.01	Pass
		50		0	18.63	2.00	20.63	<=33.01	Pass
				25	18.63	2.00	20.63	<=33.01	Pass
				50	18.57	2.00	20.57	<=33.01	Pass
		100	0	18.58	2.00	20.58	<=33.01	Pass	
	2610	1		0	18.53	2.00	20.53	<=33.01	Pass
				50	18.44	2.00	20.44	<=33.01	Pass



			99	18.27	2.00	20.27	<=33.01	Pass
		50	0	18.86	2.00	20.86	<=33.01	Pass
			25	18.83	2.00	20.83	<=33.01	Pass
			50	18.63	2.00	20.63	<=33.01	Pass
		100	0	18.72	2.00	20.72	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

---End of Attachment---