

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B42a_5MHz_EIRP

Band: 42a / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3452.5	1	0	25.16	-2.01	23.15	<=30	Pass
			13	25.45	-2.01	23.44	<=30	Pass
			24	25.20	-2.01	23.19	<=30	Pass
		12	0	24.21	-2.01	22.20	<=30	Pass
			6	24.24	-2.01	22.23	<=30	Pass
			13	24.16	-2.01	22.15	<=30	Pass
		25	0	24.20	-2.01	22.19	<=30	Pass
	3500	1	0	25.61	-2.01	23.60	<=30	Pass
			13	25.78	-2.01	23.77	<=30	Pass
			24	25.68	-2.01	23.67	<=30	Pass
		12	0	24.58	-2.01	22.57	<=30	Pass
			6	24.63	-2.01	22.62	<=30	Pass
			13	24.55	-2.01	22.54	<=30	Pass
		25	0	24.55	-2.01	22.54	<=30	Pass
	3547.5	1	0	25.60	-2.01	23.59	<=30	Pass
			13	25.75	-2.01	23.74	<=30	Pass
			24	25.61	-2.01	23.60	<=30	Pass
		12	0	24.50	-2.01	22.49	<=30	Pass
			6	24.56	-2.01	22.55	<=30	Pass
			13	24.48	-2.01	22.47	<=30	Pass
		25	0	24.49	-2.01	22.48	<=30	Pass
16QAM	3452.5	1	0	24.58	-2.01	22.57	<=30	Pass
			13	24.64	-2.01	22.63	<=30	Pass
			24	24.54	-2.01	22.53	<=30	Pass
		12	0	23.26	-2.01	21.25	<=30	Pass
			6	23.29	-2.01	21.28	<=30	Pass
			13	23.22	-2.01	21.21	<=30	Pass
		25	0	23.22	-2.01	21.21	<=30	Pass
	3500	1	0	24.85	-2.01	22.84	<=30	Pass
			13	24.94	-2.01	22.93	<=30	Pass
			24	24.95	-2.01	22.94	<=30	Pass
		12	0	23.55	-2.01	21.54	<=30	Pass
			6	23.62	-2.01	21.61	<=30	Pass
			13	23.59	-2.01	21.58	<=30	Pass
		25	0	23.62	-2.01	21.61	<=30	Pass
	3547.5	1	0	24.93	-2.01	22.92	<=30	Pass
			13	24.91	-2.01	22.90	<=30	Pass
			24	24.91	-2.01	22.90	<=30	Pass
		12	0	23.55	-2.01	21.54	<=30	Pass
			6	23.65	-2.01	21.64	<=30	Pass
			13	23.62	-2.01	21.61	<=30	Pass
		25	0	23.56	-2.01	21.55	<=30	Pass
64QAM	3452.5	1	0	23.38	-2.01	21.37	<=30	Pass
			13	23.58	-2.01	21.57	<=30	Pass
			24	23.42	-2.01	21.41	<=30	Pass
		12	0	22.28	-2.01	20.27	<=30	Pass
			6	22.28	-2.01	20.27	<=30	Pass
			13	22.25	-2.01	20.24	<=30	Pass

		25	0	22.22	-2.01	20.21	<=30	Pass	
	3500	1	0	23.72	-2.01	21.71	<=30	Pass	
			13	23.79	-2.01	21.78	<=30	Pass	
			24	23.81	-2.01	21.80	<=30	Pass	
			0	22.63	-2.01	20.62	<=30	Pass	
		12	6	22.69	-2.01	20.68	<=30	Pass	
			13	22.63	-2.01	20.62	<=30	Pass	
	25	0	22.62	-2.01	20.61	<=30	Pass		
	3547.5	1	0	23.69	-2.01	21.68	<=30	Pass	
			13	23.74	-2.01	21.73	<=30	Pass	
			24	23.79	-2.01	21.78	<=30	Pass	
		12	0	22.55	-2.01	20.54	<=30	Pass	
			6	22.63	-2.01	20.62	<=30	Pass	
			13	22.56	-2.01	20.55	<=30	Pass	
	25	0	22.52	-2.01	20.51	<=30	Pass		
	256QAM	3452.5	1	0	20.28	-2.01	18.27	<=30	Pass
13				20.34	-2.01	18.33	<=30	Pass	
24				20.24	-2.01	18.23	<=30	Pass	
12			0	20.22	-2.01	18.21	<=30	Pass	
			6	20.27	-2.01	18.26	<=30	Pass	
			13	20.23	-2.01	18.22	<=30	Pass	
25			0	20.26	-2.01	18.25	<=30	Pass	
3500		1	0	20.70	-2.01	18.69	<=30	Pass	
			13	20.74	-2.01	18.73	<=30	Pass	
			24	20.56	-2.01	18.55	<=30	Pass	
		12	0	20.54	-2.01	18.53	<=30	Pass	
			6	20.62	-2.01	18.61	<=30	Pass	
			13	20.58	-2.01	18.57	<=30	Pass	
25		0	20.60	-2.01	18.59	<=30	Pass		
3547.5		1	0	20.60	-2.01	18.59	<=30	Pass	
			13	20.64	-2.01	18.63	<=30	Pass	
			24	20.68	-2.01	18.67	<=30	Pass	
		12	0	20.56	-2.01	18.55	<=30	Pass	
			6	20.57	-2.01	18.56	<=30	Pass	
			13	20.51	-2.01	18.50	<=30	Pass	
25		0	20.55	-2.01	18.54	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain									

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B42a_10MHz_EIRP

Band: 42a / Bandwidth: 10MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3455	1	0	25.20	-2.01	23.19	<=30	Pass
			25	25.22	-2.01	23.21	<=30	Pass
			49	25.23	-2.01	23.22	<=30	Pass
		25	0	24.21	-2.01	22.20	<=30	Pass
			13	24.31	-2.01	22.30	<=30	Pass
			25	24.26	-2.01	22.25	<=30	Pass
		50	0	24.25	-2.01	22.24	<=30	Pass
	3500	1	0	25.52	-2.01	23.51	<=30	Pass
			25	25.67	-2.01	23.66	<=30	Pass
			49	25.75	-2.01	23.74	<=30	Pass
		25	0	24.46	-2.01	22.45	<=30	Pass
			13	24.59	-2.01	22.58	<=30	Pass
			25	24.59	-2.01	22.58	<=30	Pass

	3545	50	0	24.46	-2.01	22.45	<=30	Pass
		1	0	25.59	-2.01	23.58	<=30	Pass
			25	25.74	-2.01	23.73	<=30	Pass
			49	25.53	-2.01	23.52	<=30	Pass
		25	0	24.51	-2.01	22.50	<=30	Pass
			13	24.53	-2.01	22.52	<=30	Pass
			25	24.55	-2.01	22.54	<=30	Pass
16QAM	3455	1	0	24.66	-2.01	22.65	<=30	Pass
			25	24.49	-2.01	22.48	<=30	Pass
			49	24.49	-2.01	22.48	<=30	Pass
		25	0	23.21	-2.01	21.20	<=30	Pass
			13	23.34	-2.01	21.33	<=30	Pass
			25	23.34	-2.01	21.33	<=30	Pass
		50	0	23.24	-2.01	21.23	<=30	Pass
	3500	1	0	24.87	-2.01	22.86	<=30	Pass
			25	24.80	-2.01	22.79	<=30	Pass
			49	24.88	-2.01	22.87	<=30	Pass
		25	0	23.45	-2.01	21.44	<=30	Pass
			13	23.66	-2.01	21.65	<=30	Pass
			25	23.66	-2.01	21.65	<=30	Pass
		50	0	23.58	-2.01	21.57	<=30	Pass
	3545	1	0	24.77	-2.01	22.76	<=30	Pass
			25	24.98	-2.01	22.97	<=30	Pass
			49	24.90	-2.01	22.89	<=30	Pass
		25	0	23.56	-2.01	21.55	<=30	Pass
			13	23.61	-2.01	21.60	<=30	Pass
			25	23.53	-2.01	21.52	<=30	Pass
		50	0	23.59	-2.01	21.58	<=30	Pass
64QAM	3455	1	0	23.45	-2.01	21.44	<=30	Pass
			25	23.55	-2.01	21.54	<=30	Pass
			49	23.40	-2.01	21.39	<=30	Pass
		25	0	22.24	-2.01	20.23	<=30	Pass
			13	22.30	-2.01	20.29	<=30	Pass
			25	22.23	-2.01	20.22	<=30	Pass
		50	0	22.26	-2.01	20.25	<=30	Pass
	3500	1	0	23.72	-2.01	21.71	<=30	Pass
			25	23.87	-2.01	21.86	<=30	Pass
			49	23.78	-2.01	21.77	<=30	Pass
		25	0	22.45	-2.01	20.44	<=30	Pass
			13	22.64	-2.01	20.63	<=30	Pass
			25	22.62	-2.01	20.61	<=30	Pass
		50	0	22.52	-2.01	20.51	<=30	Pass
	3545	1	0	23.80	-2.01	21.79	<=30	Pass
			25	23.83	-2.01	21.82	<=30	Pass
			49	23.80	-2.01	21.79	<=30	Pass
		25	0	22.57	-2.01	20.56	<=30	Pass
			13	22.56	-2.01	20.55	<=30	Pass
			25	22.60	-2.01	20.59	<=30	Pass
		50	0	22.58	-2.01	20.57	<=30	Pass
256QAM	3455	1	0	20.25	-2.01	18.24	<=30	Pass
			25	20.27	-2.01	18.26	<=30	Pass
			49	20.30	-2.01	18.29	<=30	Pass
		25	0	20.27	-2.01	18.26	<=30	Pass
			13	20.29	-2.01	18.28	<=30	Pass
			25	20.30	-2.01	18.29	<=30	Pass
		50	0	20.28	-2.01	18.27	<=30	Pass
	3500	1	0	20.42	-2.01	18.41	<=30	Pass

		25	25	20.72	-2.01	18.71	<=30	Pass
			49	20.63	-2.01	18.62	<=30	Pass
			0	20.45	-2.01	18.44	<=30	Pass
			13	20.57	-2.01	18.56	<=30	Pass
			25	20.58	-2.01	18.57	<=30	Pass
		50	0	20.52	-2.01	18.51	<=30	Pass
	3545	1	0	20.51	-2.01	18.50	<=30	Pass
			25	20.68	-2.01	18.67	<=30	Pass
			49	20.58	-2.01	18.57	<=30	Pass
		25	0	20.54	-2.01	18.53	<=30	Pass
			13	20.57	-2.01	18.56	<=30	Pass
			25	20.51	-2.01	18.50	<=30	Pass
		50	0	20.53	-2.01	18.52	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B42a_15MHz_EIRP

Band: 42a / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3457.5	1	0	25.06	-2.01	23.05	<=30	Pass
			38	25.12	-2.01	23.11	<=30	Pass
			74	25.46	-2.01	23.45	<=30	Pass
		36	0	24.17	-2.01	22.16	<=30	Pass
			18	24.20	-2.01	22.19	<=30	Pass
			39	24.18	-2.01	22.17	<=30	Pass
		75	0	24.17	-2.01	22.16	<=30	Pass
	3500	1	0	25.31	-2.01	23.30	<=30	Pass
			38	25.41	-2.01	23.40	<=30	Pass
			74	25.40	-2.01	23.39	<=30	Pass
		36	0	24.43	-2.01	22.42	<=30	Pass
			18	24.46	-2.01	22.45	<=30	Pass
			39	24.52	-2.01	22.51	<=30	Pass
		75	0	24.43	-2.01	22.42	<=30	Pass
	3542.5	1	0	25.42	-2.01	23.41	<=30	Pass
			38	25.42	-2.01	23.41	<=30	Pass
			74	25.48	-2.01	23.47	<=30	Pass
		36	0	24.51	-2.01	22.50	<=30	Pass
			18	24.50	-2.01	22.49	<=30	Pass
			39	24.50	-2.01	22.49	<=30	Pass
		75	0	24.51	-2.01	22.50	<=30	Pass
16QAM	3457.5	1	0	24.41	-2.01	22.40	<=30	Pass
			38	24.37	-2.01	22.36	<=30	Pass
			74	24.34	-2.01	22.33	<=30	Pass
		36	0	23.25	-2.01	21.24	<=30	Pass
			18	23.23	-2.01	21.22	<=30	Pass
			39	23.22	-2.01	21.21	<=30	Pass
		75	0	23.24	-2.01	21.23	<=30	Pass
	3500	1	0	24.64	-2.01	22.63	<=30	Pass
			38	24.79	-2.01	22.78	<=30	Pass
			74	24.73	-2.01	22.72	<=30	Pass
		36	0	23.48	-2.01	21.47	<=30	Pass
			18	23.47	-2.01	21.46	<=30	Pass
			39	23.59	-2.01	21.58	<=30	Pass
		75	0	23.48	-2.01	21.47	<=30	Pass
	3542.5	1	0	24.78	-2.01	22.77	<=30	Pass

		36	38	24.72	-2.01	22.71	<=30	Pass		
			74	24.72	-2.01	22.71	<=30	Pass		
			0	23.55	-2.01	21.54	<=30	Pass		
			18	23.57	-2.01	21.56	<=30	Pass		
			39	23.50	-2.01	21.49	<=30	Pass		
			75	0	23.47	-2.01	21.46	<=30	Pass	
64QAM	3457.5	1	0	23.40	-2.01	21.39	<=30	Pass		
			38	23.41	-2.01	21.40	<=30	Pass		
			74	23.42	-2.01	21.41	<=30	Pass		
		36	0	22.25	-2.01	20.24	<=30	Pass		
			18	22.28	-2.01	20.27	<=30	Pass		
			39	22.22	-2.01	20.21	<=30	Pass		
		75	0	22.24	-2.01	20.23	<=30	Pass		
		3500	1	0	23.56	-2.01	21.55	<=30	Pass	
				38	23.63	-2.01	21.62	<=30	Pass	
	74			23.79	-2.01	21.78	<=30	Pass		
	36		0	22.45	-2.01	20.44	<=30	Pass		
			18	22.49	-2.01	20.48	<=30	Pass		
			39	22.53	-2.01	20.52	<=30	Pass		
	75	0	22.48	-2.01	20.47	<=30	Pass			
	3542.5	1	0	23.78	-2.01	21.77	<=30	Pass		
			38	23.71	-2.01	21.70	<=30	Pass		
			74	23.72	-2.01	21.71	<=30	Pass		
		36	0	22.51	-2.01	20.50	<=30	Pass		
			18	22.55	-2.01	20.54	<=30	Pass		
			39	22.50	-2.01	20.49	<=30	Pass		
		75	0	22.53	-2.01	20.52	<=30	Pass		
		256QAM	3457.5	1	0	20.24	-2.01	18.23	<=30	Pass
					38	20.28	-2.01	18.27	<=30	Pass
	74				20.23	-2.01	18.22	<=30	Pass	
36	0			20.19	-2.01	18.18	<=30	Pass		
	18			20.21	-2.01	18.20	<=30	Pass		
	39			20.23	-2.01	18.22	<=30	Pass		
75	0			20.21	-2.01	18.20	<=30	Pass		
3500	1			0	20.43	-2.01	18.42	<=30	Pass	
				38	20.51	-2.01	18.50	<=30	Pass	
			74	20.50	-2.01	18.49	<=30	Pass		
	36		0	20.47	-2.01	18.46	<=30	Pass		
			18	20.49	-2.01	18.48	<=30	Pass		
			39	20.55	-2.01	18.54	<=30	Pass		
	75		0	20.47	-2.01	18.46	<=30	Pass		
	3542.5		1	0	20.51	-2.01	18.50	<=30	Pass	
				38	20.58	-2.01	18.57	<=30	Pass	
74				20.44	-2.01	18.43	<=30	Pass		
36			0	20.50	-2.01	18.49	<=30	Pass		
			18	20.59	-2.01	18.58	<=30	Pass		
			39	20.48	-2.01	18.47	<=30	Pass		
75			0	20.53	-2.01	18.52	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B42a_20MHz_EIRP

Band: 42a / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3460	1	0	25.06	-2.01	23.05	<=30	Pass

			50	25.45	-2.01	23.44	<=30	Pass
			99	25.34	-2.01	23.33	<=30	Pass
		50	0	24.19	-2.01	22.18	<=30	Pass
			25	24.27	-2.01	22.26	<=30	Pass
			50	24.23	-2.01	22.22	<=30	Pass
		100	0	24.23	-2.01	22.22	<=30	Pass
	3500	1	0	25.44	-2.01	23.43	<=30	Pass
			50	25.59	-2.01	23.58	<=30	Pass
			99	25.49	-2.01	23.48	<=30	Pass
		50	0	24.45	-2.01	22.44	<=30	Pass
			25	24.44	-2.01	22.43	<=30	Pass
			50	24.45	-2.01	22.44	<=30	Pass
		100	0	24.46	-2.01	22.45	<=30	Pass
	3540	1	0	25.47	-2.01	23.46	<=30	Pass
			50	25.57	-2.01	23.56	<=30	Pass
			99	25.52	-2.01	23.51	<=30	Pass
		50	0	24.54	-2.01	22.53	<=30	Pass
			25	24.57	-2.01	22.56	<=30	Pass
			50	24.56	-2.01	22.55	<=30	Pass
		100	0	24.55	-2.01	22.54	<=30	Pass
16QAM	3460	1	0	24.33	-2.01	22.32	<=30	Pass
			50	24.50	-2.01	22.49	<=30	Pass
			99	24.45	-2.01	22.44	<=30	Pass
		50	0	23.20	-2.01	21.19	<=30	Pass
			25	23.28	-2.01	21.27	<=30	Pass
			50	23.23	-2.01	21.22	<=30	Pass
		100	0	23.23	-2.01	21.22	<=30	Pass
	3500	1	0	24.59	-2.01	22.58	<=30	Pass
			50	24.86	-2.01	22.85	<=30	Pass
			99	24.90	-2.01	22.89	<=30	Pass
		50	0	23.48	-2.01	21.47	<=30	Pass
			25	23.51	-2.01	21.50	<=30	Pass
			50	23.47	-2.01	21.46	<=30	Pass
		100	0	23.44	-2.01	21.43	<=30	Pass
	3540	1	0	24.67	-2.01	22.66	<=30	Pass
			50	24.88	-2.01	22.87	<=30	Pass
			99	24.75	-2.01	22.74	<=30	Pass
		50	0	23.54	-2.01	21.53	<=30	Pass
			25	23.59	-2.01	21.58	<=30	Pass
			50	23.56	-2.01	21.55	<=30	Pass
		100	0	23.50	-2.01	21.49	<=30	Pass
64QAM	3460	1	0	23.39	-2.01	21.38	<=30	Pass
			50	23.40	-2.01	21.39	<=30	Pass
			99	23.42	-2.01	21.41	<=30	Pass
		50	0	22.21	-2.01	20.20	<=30	Pass
			25	22.28	-2.01	20.27	<=30	Pass
			50	22.30	-2.01	20.29	<=30	Pass
		100	0	22.24	-2.01	20.23	<=30	Pass
	3500	1	0	23.60	-2.01	21.59	<=30	Pass
			50	23.71	-2.01	21.70	<=30	Pass
			99	23.90	-2.01	21.89	<=30	Pass
		50	0	22.47	-2.01	20.46	<=30	Pass
			25	22.50	-2.01	20.49	<=30	Pass
			50	22.48	-2.01	20.47	<=30	Pass
		100	0	22.43	-2.01	20.42	<=30	Pass
	3540	1	0	23.72	-2.01	21.71	<=30	Pass
			50	23.74	-2.01	21.73	<=30	Pass
			99	23.69	-2.01	21.68	<=30	Pass

		50	0	22.58	-2.01	20.57	<=30	Pass		
			25	22.57	-2.01	20.56	<=30	Pass		
			50	22.55	-2.01	20.54	<=30	Pass		
		100	0	22.52	-2.01	20.51	<=30	Pass		
256QAM	3460	1	0	20.09	-2.01	18.08	<=30	Pass		
			50	20.26	-2.01	18.25	<=30	Pass		
			99	20.31	-2.01	18.30	<=30	Pass		
		50	0	20.21	-2.01	18.20	<=30	Pass		
			25	20.27	-2.01	18.26	<=30	Pass		
			50	20.24	-2.01	18.23	<=30	Pass		
		100	0	20.21	-2.01	18.20	<=30	Pass		
		3500	1	0	20.28	-2.01	18.27	<=30	Pass	
				50	20.65	-2.01	18.64	<=30	Pass	
				99	20.58	-2.01	18.57	<=30	Pass	
	50		0	20.44	-2.01	18.43	<=30	Pass		
			25	20.47	-2.01	18.46	<=30	Pass		
			50	20.43	-2.01	18.42	<=30	Pass		
	100		0	20.47	-2.01	18.46	<=30	Pass		
	3540		1	0	20.59	-2.01	18.58	<=30	Pass	
				50	20.63	-2.01	18.62	<=30	Pass	
				99	20.45	-2.01	18.44	<=30	Pass	
		50	0	20.56	-2.01	18.55	<=30	Pass		
			25	20.56	-2.01	18.55	<=30	Pass		
			50	20.51	-2.01	18.50	<=30	Pass		
		100	0	20.51	-2.01	18.50	<=30	Pass		
		Note1: EIRP=Conducted Power+Antenna Gain								

---End of Attachment---