

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B42a_5MHz_EIRP

Band: 42a / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3452.5	1	0	26.44	-2.01	24.43	<=30	Pass
			13	26.60	-2.01	24.59	<=30	Pass
			24	26.45	-2.01	24.44	<=30	Pass
		12	0	25.50	-2.01	23.49	<=30	Pass
			6	25.53	-2.01	23.52	<=30	Pass
			13	25.50	-2.01	23.49	<=30	Pass
		25	0	25.50	-2.01	23.49	<=30	Pass
	3500	1	0	26.57	-2.01	24.56	<=30	Pass
			13	26.82	-2.01	24.81	<=30	Pass
			24	26.65	-2.01	24.64	<=30	Pass
		12	0	25.58	-2.01	23.57	<=30	Pass
			6	25.72	-2.01	23.71	<=30	Pass
			13	25.64	-2.01	23.63	<=30	Pass
		25	0	25.60	-2.01	23.59	<=30	Pass
	3547.5	1	0	26.48	-2.01	24.47	<=30	Pass
			13	26.57	-2.01	24.56	<=30	Pass
			24	26.49	-2.01	24.48	<=30	Pass
		12	0	25.50	-2.01	23.49	<=30	Pass
			6	25.53	-2.01	23.52	<=30	Pass
			13	25.42	-2.01	23.41	<=30	Pass
		25	0	25.42	-2.01	23.41	<=30	Pass
16QAM	3452.5	1	0	25.76	-2.01	23.75	<=30	Pass
			13	25.93	-2.01	23.92	<=30	Pass
			24	25.84	-2.01	23.83	<=30	Pass
		12	0	24.60	-2.01	22.59	<=30	Pass
			6	24.58	-2.01	22.57	<=30	Pass
			13	24.52	-2.01	22.51	<=30	Pass
		25	0	24.58	-2.01	22.57	<=30	Pass
	3500	1	0	25.88	-2.01	23.87	<=30	Pass
			13	26.05	-2.01	24.04	<=30	Pass
			24	25.99	-2.01	23.98	<=30	Pass
		12	0	24.54	-2.01	22.53	<=30	Pass
			6	24.77	-2.01	22.76	<=30	Pass
			13	24.70	-2.01	22.69	<=30	Pass
		25	0	24.61	-2.01	22.60	<=30	Pass
	3547.5	1	0	26.01	-2.01	24.00	<=30	Pass
			13	25.92	-2.01	23.91	<=30	Pass
			24	25.74	-2.01	23.73	<=30	Pass
		12	0	24.53	-2.01	22.52	<=30	Pass
			6	24.51	-2.01	22.50	<=30	Pass
			13	24.51	-2.01	22.50	<=30	Pass
		25	0	24.45	-2.01	22.44	<=30	Pass
64QAM	3452.5	1	0	25.66	-2.01	23.65	<=30	Pass
			13	25.59	-2.01	23.58	<=30	Pass
			24	25.48	-2.01	23.47	<=30	Pass
		12	0	24.50	-2.01	22.49	<=30	Pass
			6	24.58	-2.01	22.57	<=30	Pass
			13	24.51	-2.01	22.50	<=30	Pass
		25	0	24.53	-2.01	22.52	<=30	Pass

	3500	1	0	25.74	-2.01	23.73	<=30	Pass
			13	25.87	-2.01	23.86	<=30	Pass
			24	25.76	-2.01	23.75	<=30	Pass
		12	0	24.65	-2.01	22.64	<=30	Pass
			6	24.75	-2.01	22.74	<=30	Pass
			13	24.64	-2.01	22.63	<=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	25.61	-2.01	23.60	<=30	Pass
			24	25.50	-2.01	23.49	<=30	Pass
		12	0	24.52	-2.01	22.51	<=30	Pass
			6	24.55	-2.01	22.54	<=30	Pass
			13	24.51	-2.01	22.50	<=30	Pass
		25	0	24.49	-2.01	22.48	<=30	Pass
256QAM	3452.5	1	0	21.49	-2.01	19.48	<=30	Pass
			13	21.73	-2.01	19.72	<=30	Pass
			24	21.53	-2.01	19.52	<=30	Pass
		12	0	21.54	-2.01	19.53	<=30	Pass
			6	21.57	-2.01	19.56	<=30	Pass
			13	21.46	-2.01	19.45	<=30	Pass
		25	0	21.49	-2.01	19.48	<=30	Pass
	3500	1	0	21.60	-2.01	19.59	<=30	Pass
			13	21.79	-2.01	19.78	<=30	Pass
			24	21.91	-2.01	19.90	<=30	Pass
		12	0	21.60	-2.01	19.59	<=30	Pass
			6	21.73	-2.01	19.72	<=30	Pass
			13	21.71	-2.01	19.70	<=30	Pass
		25	0	21.53	-2.01	19.52	<=30	Pass
	3547.5	1	0	21.65	-2.01	19.64	<=30	Pass
			13	21.70	-2.01	19.69	<=30	Pass
			24	21.45	-2.01	19.44	<=30	Pass
		12	0	21.50	-2.01	19.49	<=30	Pass
			6	21.51	-2.01	19.50	<=30	Pass
			13	21.47	-2.01	19.46	<=30	Pass
		25	0	21.46	-2.01	19.45	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B42a_10MHz_EIRP

Band: 42a / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3455	1	0	26.54	-2.01	24.53	<=30	Pass
			25	26.58	-2.01	24.57	<=30	Pass
			49	26.40	-2.01	24.39	<=30	Pass
		25	0	25.46	-2.01	23.45	<=30	Pass
			13	25.50	-2.01	23.49	<=30	Pass
			25	25.47	-2.01	23.46	<=30	Pass
		50	0	25.48	-2.01	23.47	<=30	Pass
	3500	1	0	26.60	-2.01	24.59	<=30	Pass
			25	26.75	-2.01	24.74	<=30	Pass
			49	26.76	-2.01	24.75	<=30	Pass
		25	0	25.51	-2.01	23.50	<=30	Pass
			13	25.58	-2.01	23.57	<=30	Pass
			25	25.63	-2.01	23.62	<=30	Pass
		50	0	25.61	-2.01	23.60	<=30	Pass
	3545	1	0	26.64	-2.01	24.63	<=30	Pass

			25	26.64	-2.01	24.63	<=30	Pass		
			49	26.63	-2.01	24.62	<=30	Pass		
			25	0	25.54	-2.01	23.53	<=30	Pass	
				13	25.53	-2.01	23.52	<=30	Pass	
				25	25.51	-2.01	23.50	<=30	Pass	
			50	0	25.55	-2.01	23.54	<=30	Pass	
16QAM	3455	1	0	25.68	-2.01	23.67	<=30	Pass		
			25	25.77	-2.01	23.76	<=30	Pass		
			49	25.66	-2.01	23.65	<=30	Pass		
		25	0	24.48	-2.01	22.47	<=30	Pass		
			13	24.51	-2.01	22.50	<=30	Pass		
			25	24.50	-2.01	22.49	<=30	Pass		
		50	0	24.52	-2.01	22.51	<=30	Pass		
		3500	1	0	25.91	-2.01	23.90	<=30	Pass	
				25	25.90	-2.01	23.89	<=30	Pass	
	49			25.88	-2.01	23.87	<=30	Pass		
	25		0	24.63	-2.01	22.62	<=30	Pass		
			13	24.64	-2.01	22.63	<=30	Pass		
			25	24.72	-2.01	22.71	<=30	Pass		
	50		0	24.60	-2.01	22.59	<=30	Pass		
	3545		1	0	25.88	-2.01	23.87	<=30	Pass	
				25	25.79	-2.01	23.78	<=30	Pass	
		49		25.74	-2.01	23.73	<=30	Pass		
		25	0	24.53	-2.01	22.52	<=30	Pass		
			13	24.57	-2.01	22.56	<=30	Pass		
			25	24.54	-2.01	22.53	<=30	Pass		
		50	0	24.53	-2.01	22.52	<=30	Pass		
		64QAM	3455	1	0	25.55	-2.01	23.54	<=30	Pass
					25	25.56	-2.01	23.55	<=30	Pass
	49				25.35	-2.01	23.34	<=30	Pass	
25	0			24.55	-2.01	22.54	<=30	Pass		
	13			24.48	-2.01	22.47	<=30	Pass		
	25			24.46	-2.01	22.45	<=30	Pass		
50	0			24.51	-2.01	22.50	<=30	Pass		
3500	1			0	25.68	-2.01	23.67	<=30	Pass	
				25	25.78	-2.01	23.77	<=30	Pass	
			49	25.84	-2.01	23.83	<=30	Pass		
	25		0	24.52	-2.01	22.51	<=30	Pass		
			13	24.62	-2.01	22.61	<=30	Pass		
			25	24.69	-2.01	22.68	<=30	Pass		
50	0		24.58	-2.01	22.57	<=30	Pass			
3545	1		0	25.70	-2.01	23.69	<=30	Pass		
			25	25.60	-2.01	23.59	<=30	Pass		
			49	25.54	-2.01	23.53	<=30	Pass		
	25		0	24.55	-2.01	22.54	<=30	Pass		
		13	24.49	-2.01	22.48	<=30	Pass			
		25	24.46	-2.01	22.45	<=30	Pass			
	50	0	24.54	-2.01	22.53	<=30	Pass			
	256QAM	3455	1	0	21.58	-2.01	19.57	<=30	Pass	
				25	21.61	-2.01	19.60	<=30	Pass	
49				21.58	-2.01	19.57	<=30	Pass		
25			0	21.48	-2.01	19.47	<=30	Pass		
			13	21.51	-2.01	19.50	<=30	Pass		
			25	21.52	-2.01	19.51	<=30	Pass		
50		0	21.51	-2.01	19.50	<=30	Pass			
3500		1	0	21.48	-2.01	19.47	<=30	Pass		
			25	21.83	-2.01	19.82	<=30	Pass		
			49	21.80	-2.01	19.79	<=30	Pass		
	25	0	21.52	-2.01	19.51	<=30	Pass			

			13	21.60	-2.01	19.59	<=30	Pass
			25	21.66	-2.01	19.65	<=30	Pass
		50	0	21.59	-2.01	19.58	<=30	Pass
	3545	1	0	21.62	-2.01	19.61	<=30	Pass
			25	21.45	-2.01	19.44	<=30	Pass
			49	21.44	-2.01	19.43	<=30	Pass
		25	0	21.55	-2.01	19.54	<=30	Pass
			13	21.53	-2.01	19.52	<=30	Pass
			25	21.49	-2.01	19.48	<=30	Pass
		50	0	21.48	-2.01	19.47	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B42a_15MHz_EIRP

Band: 42a / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3457.5	1	0	26.60	-2.01	24.59	<=30	Pass
			38	26.32	-2.01	24.31	<=30	Pass
			74	26.55	-2.01	24.54	<=30	Pass
		36	0	25.46	-2.01	23.45	<=30	Pass
			18	25.46	-2.01	23.45	<=30	Pass
			39	25.42	-2.01	23.41	<=30	Pass
		75	0	25.39	-2.01	23.38	<=30	Pass
	3500	1	0	26.58	-2.01	24.57	<=30	Pass
			38	26.81	-2.01	24.80	<=30	Pass
			74	26.72	-2.01	24.71	<=30	Pass
		36	0	25.53	-2.01	23.52	<=30	Pass
			18	25.56	-2.01	23.55	<=30	Pass
			39	25.66	-2.01	23.65	<=30	Pass
		75	0	25.53	-2.01	23.52	<=30	Pass
	3542.5	1	0	26.56	-2.01	24.55	<=30	Pass
			38	26.83	-2.01	24.82	<=30	Pass
			74	26.34	-2.01	24.33	<=30	Pass
		36	0	25.57	-2.01	23.56	<=30	Pass
			18	25.59	-2.01	23.58	<=30	Pass
			39	25.42	-2.01	23.41	<=30	Pass
		75	0	25.49	-2.01	23.48	<=30	Pass
16QAM	3457.5	1	0	25.67	-2.01	23.66	<=30	Pass
			38	25.64	-2.01	23.63	<=30	Pass
			74	25.63	-2.01	23.62	<=30	Pass
		36	0	24.47	-2.01	22.46	<=30	Pass
			18	24.50	-2.01	22.49	<=30	Pass
			39	24.39	-2.01	22.38	<=30	Pass
		75	0	24.46	-2.01	22.45	<=30	Pass
	3500	1	0	25.71	-2.01	23.70	<=30	Pass
			38	25.92	-2.01	23.91	<=30	Pass
			74	26.01	-2.01	24.00	<=30	Pass
		36	0	24.51	-2.01	22.50	<=30	Pass
			18	24.61	-2.01	22.60	<=30	Pass
			39	24.63	-2.01	22.62	<=30	Pass
		75	0	24.53	-2.01	22.52	<=30	Pass
	3542.5	1	0	25.79	-2.01	23.78	<=30	Pass
			38	25.90	-2.01	23.89	<=30	Pass
			74	25.59	-2.01	23.58	<=30	Pass
		36	0	24.65	-2.01	22.64	<=30	Pass
			18	24.61	-2.01	22.60	<=30	Pass

			39	24.48	-2.01	22.47	<=30	Pass	
		75	0	24.55	-2.01	22.54	<=30	Pass	
64QAM	3457.5	1	0	25.66	-2.01	23.65	<=30	Pass	
			38	25.50	-2.01	23.49	<=30	Pass	
			74	25.34	-2.01	23.33	<=30	Pass	
			0	24.45	-2.01	22.44	<=30	Pass	
		36	18	24.46	-2.01	22.45	<=30	Pass	
			39	24.39	-2.01	22.38	<=30	Pass	
			75	0	24.42	-2.01	22.41	<=30	Pass
		3500	1	0	25.39	-2.01	23.38	<=30	Pass
				38	25.74	-2.01	23.73	<=30	Pass
				74	25.69	-2.01	23.68	<=30	Pass
	0			24.53	-2.01	22.52	<=30	Pass	
	36		18	24.60	-2.01	22.59	<=30	Pass	
			39	24.62	-2.01	22.61	<=30	Pass	
			75	0	24.53	-2.01	22.52	<=30	Pass
	3542.5		1	0	25.66	-2.01	23.65	<=30	Pass
				38	25.61	-2.01	23.60	<=30	Pass
				74	25.54	-2.01	23.53	<=30	Pass
		36	0	24.62	-2.01	22.61	<=30	Pass	
			18	24.59	-2.01	22.58	<=30	Pass	
			39	24.43	-2.01	22.42	<=30	Pass	
		75	0	24.58	-2.01	22.57	<=30	Pass	
		256QAM	3457.5	1	0	21.64	-2.01	19.63	<=30
38	21.65				-2.01	19.64	<=30	Pass	
74	21.53				-2.01	19.52	<=30	Pass	
36	0			21.48	-2.01	19.47	<=30	Pass	
	18			21.45	-2.01	19.44	<=30	Pass	
	39			21.39	-2.01	19.38	<=30	Pass	
75	0			21.37	-2.01	19.36	<=30	Pass	
3500	1			0	21.52	-2.01	19.51	<=30	Pass
			38	21.75	-2.01	19.74	<=30	Pass	
			74	21.73	-2.01	19.72	<=30	Pass	
	36		0	21.50	-2.01	19.49	<=30	Pass	
			18	21.58	-2.01	19.57	<=30	Pass	
			39	21.65	-2.01	19.64	<=30	Pass	
	75		0	21.53	-2.01	19.52	<=30	Pass	
	3542.5		1	0	21.55	-2.01	19.54	<=30	Pass
38				21.59	-2.01	19.58	<=30	Pass	
74				21.55	-2.01	19.54	<=30	Pass	
36			0	21.59	-2.01	19.58	<=30	Pass	
			18	21.51	-2.01	19.50	<=30	Pass	
			39	21.42	-2.01	19.41	<=30	Pass	
75			0	21.51	-2.01	19.50	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B42a_20MHz_EIRP

Band: 42a / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3460	1	0	26.59	-2.01	24.58	<=30	Pass
			50	26.68	-2.01	24.67	<=30	Pass
			99	26.42	-2.01	24.41	<=30	Pass
		50	0	25.37	-2.01	23.36	<=30	Pass
			25	25.43	-2.01	23.42	<=30	Pass
			50	25.39	-2.01	23.38	<=30	Pass

		100	0	25.44	-2.01	23.43	<=30	Pass
		3500	1	0	-2.01	24.30	<=30	Pass
				50	-2.01	24.63	<=30	Pass
				99	-2.01	24.53	<=30	Pass
			50	0	-2.01	23.48	<=30	Pass
				25	-2.01	23.60	<=30	Pass
				50	-2.01	23.62	<=30	Pass
		100	0	25.50	-2.01	23.49	<=30	Pass
		3540	1	0	-2.01	24.55	<=30	Pass
				50	-2.01	24.54	<=30	Pass
				99	-2.01	24.35	<=30	Pass
			50	0	-2.01	23.63	<=30	Pass
				25	-2.01	23.62	<=30	Pass
				50	-2.01	23.51	<=30	Pass
			100	0	-2.01	23.58	<=30	Pass
				0	-2.01	23.69	<=30	Pass
16QAM	3460	1	1	0	-2.01	23.60	<=30	Pass
				50	-2.01	23.82	<=30	Pass
				99	-2.01	23.82	<=30	Pass
				0	-2.01	22.35	<=30	Pass
		50	50	25	-2.01	22.41	<=30	Pass
				50	-2.01	22.46	<=30	Pass
				50	-2.01	22.46	<=30	Pass
		100	0	24.42	-2.01	22.41	<=30	Pass
	3500	1	1	0	-2.01	23.51	<=30	Pass
				50	-2.01	23.86	<=30	Pass
				99	-2.01	23.85	<=30	Pass
				0	-2.01	22.50	<=30	Pass
		50	50	25	-2.01	22.57	<=30	Pass
				50	-2.01	22.64	<=30	Pass
				50	-2.01	22.64	<=30	Pass
		100	0	24.50	-2.01	22.49	<=30	Pass
	3540	1	1	0	-2.01	23.94	<=30	Pass
				50	-2.01	23.87	<=30	Pass
				99	-2.01	23.67	<=30	Pass
				0	-2.01	22.66	<=30	Pass
		50	50	25	-2.01	22.65	<=30	Pass
				50	-2.01	22.49	<=30	Pass
				50	-2.01	22.49	<=30	Pass
		100	0	24.57	-2.01	22.56	<=30	Pass
64QAM	3460	1	1	0	-2.01	23.55	<=30	Pass
				50	-2.01	23.51	<=30	Pass
				99	-2.01	23.66	<=30	Pass
				0	-2.01	22.36	<=30	Pass
		50	50	25	-2.01	22.48	<=30	Pass
				50	-2.01	22.41	<=30	Pass
				50	-2.01	22.41	<=30	Pass
		100	0	24.49	-2.01	22.48	<=30	Pass
	3500	1	1	0	-2.01	23.49	<=30	Pass
				50	-2.01	23.78	<=30	Pass
				99	-2.01	23.89	<=30	Pass
				0	-2.01	22.50	<=30	Pass
		50	50	25	-2.01	22.58	<=30	Pass
				50	-2.01	22.66	<=30	Pass
				50	-2.01	22.66	<=30	Pass
		100	0	24.50	-2.01	22.49	<=30	Pass
	3540	1	1	0	-2.01	23.71	<=30	Pass
				50	-2.01	23.69	<=30	Pass
				99	-2.01	23.66	<=30	Pass
				0	-2.01	22.64	<=30	Pass
		50	50	25	-2.01	22.63	<=30	Pass
				50	-2.01	22.50	<=30	Pass
				50	-2.01	22.50	<=30	Pass
		100	0	24.58	-2.01	22.57	<=30	Pass
256QAM	3460	1	1	0	-2.01	19.46	<=30	Pass
				50	-2.01	19.51	<=30	Pass

			99	21.48	-2.01	19.47	<=30	Pass
		50	0	21.41	-2.01	19.40	<=30	Pass
			25	21.43	-2.01	19.42	<=30	Pass
			50	21.43	-2.01	19.42	<=30	Pass
			100	0	21.44	-2.01	19.43	<=30
	3500	1	0	21.35	-2.01	19.34	<=30	Pass
			50	21.88	-2.01	19.87	<=30	Pass
			99	21.72	-2.01	19.71	<=30	Pass
		50	0	21.47	-2.01	19.46	<=30	Pass
			25	21.57	-2.01	19.56	<=30	Pass
			50	21.68	-2.01	19.67	<=30	Pass
		100	0	21.53	-2.01	19.52	<=30	Pass
		3540	1	0	21.80	-2.01	19.79	<=30
	50			21.59	-2.01	19.58	<=30	Pass
	99			21.59	-2.01	19.58	<=30	Pass
	50		0	21.63	-2.01	19.62	<=30	Pass
			25	21.59	-2.01	19.58	<=30	Pass
			50	21.51	-2.01	19.50	<=30	Pass
	100		0	21.56	-2.01	19.55	<=30	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							