

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B42c_5MHz_EIRP

Band: 42c / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3552.5	1	0	20.00	1.62	21.62	<=30	Pass
			13	20.03	1.62	21.65	<=30	Pass
			24	19.98	1.62	21.60	<=30	Pass
		12	0	19.09	1.62	20.71	<=30	Pass
			6	19.10	1.62	20.72	<=30	Pass
			13	19.01	1.62	20.63	<=30	Pass
		25	0	19.02	1.62	20.64	<=30	Pass
	3575	1	0	20.05	1.62	21.67	<=30	Pass
			13	20.01	1.62	21.63	<=30	Pass
			24	19.95	1.62	21.57	<=30	Pass
		12	0	19.10	1.62	20.72	<=30	Pass
			6	19.11	1.62	20.73	<=30	Pass
			13	19.04	1.62	20.66	<=30	Pass
		25	0	19.12	1.62	20.74	<=30	Pass
	3597.5	1	0	19.83	1.62	21.45	<=30	Pass
			13	19.80	1.62	21.42	<=30	Pass
			24	19.78	1.62	21.40	<=30	Pass
		12	0	18.87	1.62	20.49	<=30	Pass
			6	18.88	1.62	20.50	<=30	Pass
			13	18.88	1.62	20.50	<=30	Pass
		25	0	18.85	1.62	20.47	<=30	Pass
16QAM	3552.5	1	0	19.16	1.62	20.78	<=30	Pass
			13	19.23	1.62	20.85	<=30	Pass
			24	19.16	1.62	20.78	<=30	Pass
		12	0	18.00	1.62	19.62	<=30	Pass
			6	18.06	1.62	19.68	<=30	Pass
			13	18.01	1.62	19.63	<=30	Pass
		25	0	18.04	1.62	19.66	<=30	Pass
	3575	1	0	19.21	1.62	20.83	<=30	Pass
			13	19.18	1.62	20.80	<=30	Pass
			24	19.09	1.62	20.71	<=30	Pass
		12	0	18.07	1.62	19.69	<=30	Pass
			6	18.06	1.62	19.68	<=30	Pass
			13	18.04	1.62	19.66	<=30	Pass
		25	0	18.06	1.62	19.68	<=30	Pass
	3597.5	1	0	18.95	1.62	20.57	<=30	Pass
			13	18.97	1.62	20.59	<=30	Pass
			24	19.03	1.62	20.65	<=30	Pass
		12	0	17.83	1.62	19.45	<=30	Pass
			6	17.86	1.62	19.48	<=30	Pass
			13	17.81	1.62	19.43	<=30	Pass
		25	0	17.92	1.62	19.54	<=30	Pass
64QAM	3552.5	1	0	18.83	1.62	20.45	<=30	Pass
			13	18.83	1.62	20.45	<=30	Pass
			24	18.92	1.62	20.54	<=30	Pass
		12	0	18.08	1.62	19.70	<=30	Pass
			6	18.10	1.62	19.72	<=30	Pass
			13	18.09	1.62	19.71	<=30	Pass
		25	0	18.03	1.62	19.65	<=30	Pass

	3575	1	0	18.85	1.62	20.47	<=30	Pass
			13	18.85	1.62	20.47	<=30	Pass
			24	18.94	1.62	20.56	<=30	Pass
		12	0	18.06	1.62	19.68	<=30	Pass
			6	18.06	1.62	19.68	<=30	Pass
			13	18.02	1.62	19.64	<=30	Pass
		25	0	18.02	1.62	19.64	<=30	Pass
	3597.5	1	0	18.74	1.62	20.36	<=30	Pass
			13	18.73	1.62	20.35	<=30	Pass
			24	18.78	1.62	20.40	<=30	Pass
		12	0	17.89	1.62	19.51	<=30	Pass
			6	17.96	1.62	19.58	<=30	Pass
			13	17.93	1.62	19.55	<=30	Pass
		25	0	17.85	1.62	19.47	<=30	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							

1.1.2 B42c_10MHz_EIRP

Band: 42c / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3555	1	0	20.00	1.62	21.62	<=30	Pass
			25	19.89	1.62	21.51	<=30	Pass
			49	20.02	1.62	21.64	<=30	Pass
		25	0	19.05	1.62	20.67	<=30	Pass
			13	19.12	1.62	20.74	<=30	Pass
			25	19.11	1.62	20.73	<=30	Pass
		50	0	19.07	1.62	20.69	<=30	Pass
	3575	1	0	19.94	1.62	21.56	<=30	Pass
			25	19.98	1.62	21.60	<=30	Pass
			49	19.93	1.62	21.55	<=30	Pass
		25	0	19.01	1.62	20.63	<=30	Pass
			13	19.10	1.62	20.72	<=30	Pass
			25	19.03	1.62	20.65	<=30	Pass
		50	0	19.01	1.62	20.63	<=30	Pass
	3595	1	0	19.81	1.62	21.43	<=30	Pass
			25	19.89	1.62	21.51	<=30	Pass
			49	19.78	1.62	21.40	<=30	Pass
		25	0	18.85	1.62	20.47	<=30	Pass
			13	18.91	1.62	20.53	<=30	Pass
			25	18.90	1.62	20.52	<=30	Pass
		50	0	18.93	1.62	20.55	<=30	Pass
16QAM	3555	1	0	19.09	1.62	20.71	<=30	Pass
			25	19.11	1.62	20.73	<=30	Pass
			49	19.11	1.62	20.73	<=30	Pass
		25	0	18.04	1.62	19.66	<=30	Pass
			13	18.16	1.62	19.78	<=30	Pass
			25	18.11	1.62	19.73	<=30	Pass
		50	0	18.12	1.62	19.74	<=30	Pass
	3575	1	0	19.13	1.62	20.75	<=30	Pass
			25	19.11	1.62	20.73	<=30	Pass
			49	19.05	1.62	20.67	<=30	Pass
		25	0	18.02	1.62	19.64	<=30	Pass
			13	18.12	1.62	19.74	<=30	Pass
			25	18.05	1.62	19.67	<=30	Pass
		50	0	18.01	1.62	19.63	<=30	Pass
	3595	1	0	18.96	1.62	20.58	<=30	Pass

64QAM		25	25	18.93	1.62	20.55	<=30	Pass
			49	18.92	1.62	20.54	<=30	Pass
			0	17.91	1.62	19.53	<=30	Pass
			13	17.96	1.62	19.58	<=30	Pass
			25	17.90	1.62	19.52	<=30	Pass
		50	0	17.96	1.62	19.58	<=30	Pass
	3555	1	0	18.88	1.62	20.50	<=30	Pass
			25	18.81	1.62	20.43	<=30	Pass
			49	18.98	1.62	20.60	<=30	Pass
		25	0	17.99	1.62	19.61	<=30	Pass
			13	18.08	1.62	19.70	<=30	Pass
			25	18.06	1.62	19.68	<=30	Pass
		50	0	18.04	1.62	19.66	<=30	Pass
	3575	1	0	18.93	1.62	20.55	<=30	Pass
			25	18.72	1.62	20.34	<=30	Pass
			49	18.88	1.62	20.50	<=30	Pass
		25	0	17.95	1.62	19.57	<=30	Pass
			13	18.04	1.62	19.66	<=30	Pass
			25	18.03	1.62	19.65	<=30	Pass
		50	0	18.02	1.62	19.64	<=30	Pass
	3595	1	0	18.77	1.62	20.39	<=30	Pass
			25	18.61	1.62	20.23	<=30	Pass
			49	18.80	1.62	20.42	<=30	Pass
		25	0	17.89	1.62	19.51	<=30	Pass
			13	17.91	1.62	19.53	<=30	Pass
			25	17.87	1.62	19.49	<=30	Pass
		50	0	17.87	1.62	19.49	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B42c_15MHz_EIRP

Band: 42c / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3557.5	1	0	19.73	1.62	21.35	<=30	Pass
			38	19.77	1.62	21.39	<=30	Pass
			74	19.83	1.62	21.45	<=30	Pass
		36	0	18.79	1.62	20.41	<=30	Pass
			18	18.82	1.62	20.44	<=30	Pass
			39	18.95	1.62	20.57	<=30	Pass
		75	0	18.87	1.62	20.49	<=30	Pass
	3575	1	0	19.76	1.62	21.38	<=30	Pass
			38	19.74	1.62	21.36	<=30	Pass
			74	19.66	1.62	21.28	<=30	Pass
		36	0	18.85	1.62	20.47	<=30	Pass
			18	18.92	1.62	20.54	<=30	Pass
			39	18.86	1.62	20.48	<=30	Pass
		75	0	18.83	1.62	20.45	<=30	Pass
	3592.5	1	0	19.56	1.62	21.18	<=30	Pass
			38	19.53	1.62	21.15	<=30	Pass
			74	19.58	1.62	21.20	<=30	Pass
		36	0	18.67	1.62	20.29	<=30	Pass
			18	18.74	1.62	20.36	<=30	Pass
			39	18.72	1.62	20.34	<=30	Pass
		75	0	18.66	1.62	20.28	<=30	Pass
16QAM	3557.5	1	0	18.89	1.62	20.51	<=30	Pass
			38	18.95	1.62	20.57	<=30	Pass

		36	74	18.99	1.62	20.61	<=30	Pass	
			0	17.80	1.62	19.42	<=30	Pass	
			18	17.85	1.62	19.47	<=30	Pass	
			39	17.97	1.62	19.59	<=30	Pass	
		75	0	17.89	1.62	19.51	<=30	Pass	
	3575	1	0	18.95	1.62	20.57	<=30	Pass	
			38	18.93	1.62	20.55	<=30	Pass	
			74	18.83	1.62	20.45	<=30	Pass	
		36	0	17.86	1.62	19.48	<=30	Pass	
			18	17.91	1.62	19.53	<=30	Pass	
	39		17.83	1.62	19.45	<=30	Pass		
	75	0	17.84	1.62	19.46	<=30	Pass		
	3592.5	1	0	18.77	1.62	20.39	<=30	Pass	
			38	18.72	1.62	20.34	<=30	Pass	
			74	18.70	1.62	20.32	<=30	Pass	
		36	0	17.65	1.62	19.27	<=30	Pass	
			18	17.73	1.62	19.35	<=30	Pass	
			39	17.71	1.62	19.33	<=30	Pass	
	75	0	17.72	1.62	19.34	<=30	Pass		
	64QAM	3557.5	1	0	18.52	1.62	20.14	<=30	Pass
				38	18.66	1.62	20.28	<=30	Pass
				74	18.61	1.62	20.23	<=30	Pass
			36	0	17.84	1.62	19.46	<=30	Pass
				18	17.84	1.62	19.46	<=30	Pass
39				17.91	1.62	19.53	<=30	Pass	
75			0	17.88	1.62	19.50	<=30	Pass	
3575		1	0	18.59	1.62	20.21	<=30	Pass	
			38	18.58	1.62	20.20	<=30	Pass	
			74	18.55	1.62	20.17	<=30	Pass	
		36	0	17.88	1.62	19.50	<=30	Pass	
			18	17.92	1.62	19.54	<=30	Pass	
			39	17.85	1.62	19.47	<=30	Pass	
75		0	17.83	1.62	19.45	<=30	Pass		
3592.5		1	0	18.41	1.62	20.03	<=30	Pass	
			38	18.47	1.62	20.09	<=30	Pass	
			74	18.45	1.62	20.07	<=30	Pass	
		36	0	17.67	1.62	19.29	<=30	Pass	
			18	17.75	1.62	19.37	<=30	Pass	
			39	17.76	1.62	19.38	<=30	Pass	
		75	0	17.65	1.62	19.27	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B42c_20MHz_EIRP

Band: 42c / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3560	1	0	19.72	1.62	21.34	<=30	Pass
			50	19.78	1.62	21.40	<=30	Pass
			99	19.81	1.62	21.43	<=30	Pass
		50	0	18.84	1.62	20.46	<=30	Pass
			25	18.96	1.62	20.58	<=30	Pass
			50	18.99	1.62	20.61	<=30	Pass
		100	0	18.89	1.62	20.51	<=30	Pass
	3575	1	0	19.77	1.62	21.39	<=30	Pass
			50	19.61	1.62	21.23	<=30	Pass
			99	19.68	1.62	21.30	<=30	Pass

		50	0	18.89	1.62	20.51	<=30	Pass			
			25	18.85	1.62	20.47	<=30	Pass			
			50	18.86	1.62	20.48	<=30	Pass			
		100	0	18.86	1.62	20.48	<=30	Pass			
			3590	1	0	19.70	1.62	21.32	<=30	Pass	
					50	19.61	1.62	21.23	<=30	Pass	
		99			19.62	1.62	21.24	<=30	Pass		
		50		0	18.75	1.62	20.37	<=30	Pass		
				25	18.70	1.62	20.32	<=30	Pass		
	50			18.67	1.62	20.29	<=30	Pass			
	100	0	18.62	1.62	20.24	<=30	Pass				
	16QAM	3560	1	0	18.91	1.62	20.53	<=30	Pass		
50				18.93	1.62	20.55	<=30	Pass			
99				18.97	1.62	20.59	<=30	Pass			
50			0	17.93	1.62	19.55	<=30	Pass			
			25	17.99	1.62	19.61	<=30	Pass			
			50	17.99	1.62	19.61	<=30	Pass			
			100	0	17.88	1.62	19.50	<=30	Pass		
			3575	1	0	18.96	1.62	20.58	<=30	Pass	
					50	18.88	1.62	20.50	<=30	Pass	
99		18.83			1.62	20.45	<=30	Pass			
50		0		17.90	1.62	19.52	<=30	Pass			
		25		17.85	1.62	19.47	<=30	Pass			
		50		17.86	1.62	19.48	<=30	Pass			
100		0	17.80	1.62	19.42	<=30	Pass				
3590		1	0	18.81	1.62	20.43	<=30	Pass			
			50	18.71	1.62	20.33	<=30	Pass			
			99	18.71	1.62	20.33	<=30	Pass			
		50	0	17.74	1.62	19.36	<=30	Pass			
			25	17.73	1.62	19.35	<=30	Pass			
			50	17.77	1.62	19.39	<=30	Pass			
			100	0	17.72	1.62	19.34	<=30	Pass		
			64QAM	3560	1	0	18.50	1.62	20.12	<=30	Pass
						50	18.56	1.62	20.18	<=30	Pass
99		18.71				1.62	20.33	<=30	Pass		
50		0			17.82	1.62	19.44	<=30	Pass		
		25			17.94	1.62	19.56	<=30	Pass		
		50			17.93	1.62	19.55	<=30	Pass		
	100	0			17.90	1.62	19.52	<=30	Pass		
	3575	1			0	18.62	1.62	20.24	<=30	Pass	
					50	18.56	1.62	20.18	<=30	Pass	
99				18.50	1.62	20.12	<=30	Pass			
50		0		17.84	1.62	19.46	<=30	Pass			
		25		17.80	1.62	19.42	<=30	Pass			
		50		17.86	1.62	19.48	<=30	Pass			
100	0	17.86		1.62	19.48	<=30	Pass				
3590	1	0		18.49	1.62	20.11	<=30	Pass			
		50		18.42	1.62	20.04	<=30	Pass			
		99		18.45	1.62	20.07	<=30	Pass			
	50	0		17.66	1.62	19.28	<=30	Pass			
		25	17.66	1.62	19.28	<=30	Pass				
		50	17.75	1.62	19.37	<=30	Pass				
		100	0	17.76	1.62	19.38	<=30	Pass			
		Note1: EIRP=Conducted Power+Antenna Gain									