

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B12_1.4MHz_ERP

Band: 12 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	699.7	1	0	24.00	-2.85	19.00	<=34.77	Pass
			2	23.96	-2.85	18.96	<=34.77	Pass
			5	23.96	-2.85	18.96	<=34.77	Pass
		3	0	23.83	-2.85	18.83	<=34.77	Pass
			2	23.94	-2.85	18.94	<=34.77	Pass
			3	23.87	-2.85	18.87	<=34.77	Pass
		6	0	22.87	-2.85	17.87	<=34.77	Pass
	707.5	1	0	23.68	-2.85	18.68	<=34.77	Pass
			2	23.78	-2.85	18.78	<=34.77	Pass
			5	23.77	-2.85	18.77	<=34.77	Pass
		3	0	23.93	-2.85	18.93	<=34.77	Pass
			2	23.95	-2.85	18.95	<=34.77	Pass
			3	23.88	-2.85	18.88	<=34.77	Pass
		6	0	22.84	-2.85	17.84	<=34.77	Pass
	715.3	1	0	23.85	-2.85	18.85	<=34.77	Pass
			2	23.82	-2.85	18.82	<=34.77	Pass
			5	23.91	-2.85	18.91	<=34.77	Pass
		3	0	23.91	-2.85	18.91	<=34.77	Pass
			2	23.85	-2.85	18.85	<=34.77	Pass
			3	23.87	-2.85	18.87	<=34.77	Pass
		6	0	22.81	-2.85	17.81	<=34.77	Pass
16QAM	699.7	1	0	22.42	-2.85	17.42	<=34.77	Pass
			2	22.43	-2.85	17.43	<=34.77	Pass
			5	22.36	-2.85	17.36	<=34.77	Pass
		3	0	22.70	-2.85	17.70	<=34.77	Pass
			2	22.66	-2.85	17.66	<=34.77	Pass
			3	22.72	-2.85	17.72	<=34.77	Pass
		6	0	22.00	-2.85	17.00	<=34.77	Pass
	707.5	1	0	22.85	-2.85	17.85	<=34.77	Pass
			2	23.05	-2.85	18.05	<=34.77	Pass
			5	23.01	-2.85	18.01	<=34.77	Pass
		3	0	22.81	-2.85	17.81	<=34.77	Pass
			2	22.83	-2.85	17.83	<=34.77	Pass
			3	23.08	-2.85	18.08	<=34.77	Pass
		6	0	21.92	-2.85	16.92	<=34.77	Pass
	715.3	1	0	23.44	-2.85	18.44	<=34.77	Pass
			2	23.40	-2.85	18.40	<=34.77	Pass
			5	23.51	-2.85	18.51	<=34.77	Pass
		3	0	22.89	-2.85	17.89	<=34.77	Pass
			2	22.82	-2.85	17.82	<=34.77	Pass
			3	22.86	-2.85	17.86	<=34.77	Pass
		6	0	22.04	-2.85	17.04	<=34.77	Pass
64QAM	699.7	1	0	21.56	-2.85	16.56	<=34.77	Pass
			2	21.59	-2.85	16.59	<=34.77	Pass
			5	21.62	-2.85	16.62	<=34.77	Pass
		3	0	22.45	-2.85	17.45	<=34.77	Pass

	707.5	6	2	22.41	-2.85	17.41	<=34.77	Pass
			3	22.37	-2.85	17.37	<=34.77	Pass
		1	0	21.13	-2.85	16.13	<=34.77	Pass
			0	22.00	-2.85	17.00	<=34.77	Pass
			2	22.24	-2.85	17.24	<=34.77	Pass
			5	21.59	-2.85	16.59	<=34.77	Pass
		3	0	22.44	-2.85	17.44	<=34.77	Pass
			2	22.43	-2.85	17.43	<=34.77	Pass
			3	22.30	-2.85	17.30	<=34.77	Pass
		6	0	20.97	-2.85	15.97	<=34.77	Pass
	715.3	1	0	21.35	-2.85	16.35	<=34.77	Pass
			2	22.01	-2.85	17.01	<=34.77	Pass
			5	21.35	-2.85	16.35	<=34.77	Pass
		3	0	22.57	-2.85	17.57	<=34.77	Pass
			2	22.07	-2.85	17.07	<=34.77	Pass
			3	22.04	-2.85	17.04	<=34.77	Pass
		6	0	21.05	-2.85	16.05	<=34.77	Pass
		Note1: ERP=Conducted Power+Antenna Gain-2.15						

1.1.2 B12_3MHz_ERP

Band: 12 / Bandwidth: 3MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	700.5	1	0	23.80	-2.85	18.80	<=34.77	Pass
			7	23.73	-2.85	18.73	<=34.77	Pass
			14	23.71	-2.85	18.71	<=34.77	Pass
		8	0	22.83	-2.85	17.83	<=34.77	Pass
			4	22.71	-2.85	17.71	<=34.77	Pass
			7	22.82	-2.85	17.82	<=34.77	Pass
		15	0	22.77	-2.85	17.77	<=34.77	Pass
	707.5	1	0	23.77	-2.85	18.77	<=34.77	Pass
			7	23.85	-2.85	18.85	<=34.77	Pass
			14	23.81	-2.85	18.81	<=34.77	Pass
		8	0	22.70	-2.85	17.70	<=34.77	Pass
			4	22.84	-2.85	17.84	<=34.77	Pass
			7	22.89	-2.85	17.89	<=34.77	Pass
		15	0	22.82	-2.85	17.82	<=34.77	Pass
	714.5	1	0	23.95	-2.85	18.95	<=34.77	Pass
			7	23.98	-2.85	18.98	<=34.77	Pass
			14	23.73	-2.85	18.73	<=34.77	Pass
		8	0	22.76	-2.85	17.76	<=34.77	Pass
			4	22.81	-2.85	17.81	<=34.77	Pass
			7	22.79	-2.85	17.79	<=34.77	Pass
		15	0	22.77	-2.85	17.77	<=34.77	Pass
16QAM	700.5	1	0	23.21	-2.85	18.21	<=34.77	Pass
			7	23.04	-2.85	18.04	<=34.77	Pass
			14	22.95	-2.85	17.95	<=34.77	Pass
		8	0	22.08	-2.85	17.08	<=34.77	Pass
			4	22.00	-2.85	17.00	<=34.77	Pass
			7	22.01	-2.85	17.01	<=34.77	Pass
		15	0	21.98	-2.85	16.98	<=34.77	Pass
	707.5	1	0	22.96	-2.85	17.96	<=34.77	Pass
			7	23.11	-2.85	18.11	<=34.77	Pass

64QAM	714.5	8	14	23.05	-2.85	18.05	<=34.77	Pass
			0	21.84	-2.85	16.84	<=34.77	Pass
			4	21.86	-2.85	16.86	<=34.77	Pass
			7	22.00	-2.85	17.00	<=34.77	Pass
		15	0	21.98	-2.85	16.98	<=34.77	Pass
			0	22.45	-2.85	17.45	<=34.77	Pass
			7	22.53	-2.85	17.53	<=34.77	Pass
		8	14	22.46	-2.85	17.46	<=34.77	Pass
			0	22.07	-2.85	17.07	<=34.77	Pass
			4	22.06	-2.85	17.06	<=34.77	Pass
			7	22.03	-2.85	17.03	<=34.77	Pass
		15	0	21.89	-2.85	16.89	<=34.77	Pass
			0	22.64	-2.85	17.64	<=34.77	Pass
			7	22.54	-2.85	17.54	<=34.77	Pass
64QAM	700.5	1	14	22.47	-2.85	17.47	<=34.77	Pass
			0	21.00	-2.85	16.00	<=34.77	Pass
			4	20.96	-2.85	15.96	<=34.77	Pass
		8	7	20.96	-2.85	15.96	<=34.77	Pass
			0	20.92	-2.85	15.92	<=34.77	Pass
			0	21.37	-2.85	16.37	<=34.77	Pass
		1	7	21.53	-2.85	16.53	<=34.77	Pass
			14	21.41	-2.85	16.41	<=34.77	Pass
		8	0	20.77	-2.85	15.77	<=34.77	Pass
			4	20.78	-2.85	15.78	<=34.77	Pass
			7	20.75	-2.85	15.75	<=34.77	Pass
		15	0	20.93	-2.85	15.93	<=34.77	Pass
	714.5	1	0	21.78	-2.85	16.78	<=34.77	Pass
			7	21.75	-2.85	16.75	<=34.77	Pass
			14	21.76	-2.85	16.76	<=34.77	Pass
		8	0	20.80	-2.85	15.80	<=34.77	Pass
			4	20.87	-2.85	15.87	<=34.77	Pass
			7	20.85	-2.85	15.85	<=34.77	Pass
		15	0	20.94	-2.85	15.94	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	23.79	-2.85	18.79	<=34.77	Pass
			13	23.68	-2.85	18.68	<=34.77	Pass
			24	23.63	-2.85	18.63	<=34.77	Pass
		12	0	22.73	-2.85	17.73	<=34.77	Pass
			6	22.78	-2.85	17.78	<=34.77	Pass
			13	22.70	-2.85	17.70	<=34.77	Pass
		25	0	22.81	-2.85	17.81	<=34.77	Pass
	707.5	1	0	23.82	-2.85	18.82	<=34.77	Pass
			13	23.81	-2.85	18.81	<=34.77	Pass
			24	23.83	-2.85	18.83	<=34.77	Pass
		12	0	22.83	-2.85	17.83	<=34.77	Pass
			6	22.87	-2.85	17.87	<=34.77	Pass
			13	22.83	-2.85	17.83	<=34.77	Pass
		25	0	22.73	-2.85	17.73	<=34.77	Pass

	713.5	1	0	23.80	-2.85	18.80	<=34.77	Pass		
			13	23.65	-2.85	18.65	<=34.77	Pass		
			24	23.35	-2.85	18.35	<=34.77	Pass		
		12	0	22.91	-2.85	17.91	<=34.77	Pass		
			6	22.79	-2.85	17.79	<=34.77	Pass		
			13	22.77	-2.85	17.77	<=34.77	Pass		
		25	0	22.83	-2.85	17.83	<=34.77	Pass		
		16QAM	701.5	1	0	22.08	-2.85	17.08	<=34.77	Pass
					13	21.96	-2.85	16.96	<=34.77	Pass
24	21.99				-2.85	16.99	<=34.77	Pass		
12	0			21.80	-2.85	16.80	<=34.77	Pass		
	6			21.83	-2.85	16.83	<=34.77	Pass		
	13			21.75	-2.85	16.75	<=34.77	Pass		
25	0			21.92	-2.85	16.92	<=34.77	Pass		
707.5	1			0	22.54	-2.85	17.54	<=34.77	Pass	
				13	22.57	-2.85	17.57	<=34.77	Pass	
			24	22.76	-2.85	17.76	<=34.77	Pass		
	12		0	21.72	-2.85	16.72	<=34.77	Pass		
			6	21.77	-2.85	16.77	<=34.77	Pass		
			13	21.78	-2.85	16.78	<=34.77	Pass		
25	0		21.83	-2.85	16.83	<=34.77	Pass			
713.5	1		0	22.91	-2.85	17.91	<=34.77	Pass		
			13	22.90	-2.85	17.90	<=34.77	Pass		
			24	23.02	-2.85	18.02	<=34.77	Pass		
	12		0	21.88	-2.85	16.88	<=34.77	Pass		
			6	21.86	-2.85	16.86	<=34.77	Pass		
			13	21.86	-2.85	16.86	<=34.77	Pass		
	25		0	21.93	-2.85	16.93	<=34.77	Pass		
	64QAM	701.5	1	0	21.29	-2.85	16.29	<=34.77	Pass	
				13	21.29	-2.85	16.29	<=34.77	Pass	
24				21.25	-2.85	16.25	<=34.77	Pass		
12			0	20.70	-2.85	15.70	<=34.77	Pass		
			6	20.71	-2.85	15.71	<=34.77	Pass		
			13	20.60	-2.85	15.60	<=34.77	Pass		
25			0	20.98	-2.85	15.98	<=34.77	Pass		
707.5			1	0	22.45	-2.85	17.45	<=34.77	Pass	
				13	22.38	-2.85	17.38	<=34.77	Pass	
		24		22.36	-2.85	17.36	<=34.77	Pass		
		12	0	20.94	-2.85	15.94	<=34.77	Pass		
			6	21.01	-2.85	16.01	<=34.77	Pass		
			13	20.95	-2.85	15.95	<=34.77	Pass		
25		0	20.92	-2.85	15.92	<=34.77	Pass			
713.5		1	0	21.39	-2.85	16.39	<=34.77	Pass		
			13	21.22	-2.85	16.22	<=34.77	Pass		
			24	21.42	-2.85	16.42	<=34.77	Pass		
		12	0	20.82	-2.85	15.82	<=34.77	Pass		
			6	20.84	-2.85	15.84	<=34.77	Pass		
			13	20.86	-2.85	15.86	<=34.77	Pass		
		25	0	20.99	-2.85	15.99	<=34.77	Pass		
	Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.4 B12_10MHz_ERP

Band: 12 / Bandwidth: 10MHz / NTNv

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	704	1	0	23.75	-2.85	18.75	<=34.77	Pass
			25	23.63	-2.85	18.63	<=34.77	Pass
			49	23.57	-2.85	18.57	<=34.77	Pass
		25	0	22.86	-2.85	17.86	<=34.77	Pass
			13	22.79	-2.85	17.79	<=34.77	Pass
			25	22.66	-2.85	17.66	<=34.77	Pass
		50	0	22.75	-2.85	17.75	<=34.77	Pass
	707.5	1	0	23.63	-2.85	18.63	<=34.77	Pass
			25	23.75	-2.85	18.75	<=34.77	Pass
			49	23.67	-2.85	18.67	<=34.77	Pass
		25	0	22.71	-2.85	17.71	<=34.77	Pass
			13	22.85	-2.85	17.85	<=34.77	Pass
			25	22.78	-2.85	17.78	<=34.77	Pass
		50	0	23.04	-2.85	18.04	<=34.77	Pass
	711	1	0	23.79	-2.85	18.79	<=34.77	Pass
			25	23.79	-2.85	18.79	<=34.77	Pass
			49	23.86	-2.85	18.86	<=34.77	Pass
		25	0	22.81	-2.85	17.81	<=34.77	Pass
			13	22.92	-2.85	17.92	<=34.77	Pass
			25	22.90	-2.85	17.90	<=34.77	Pass
		50	0	22.93	-2.85	17.93	<=34.77	Pass
16QAM	704	1	0	23.28	-2.85	18.28	<=34.77	Pass
			25	23.15	-2.85	18.15	<=34.77	Pass
			49	23.21	-2.85	18.21	<=34.77	Pass
		25	0	21.81	-2.85	16.81	<=34.77	Pass
			13	21.83	-2.85	16.83	<=34.77	Pass
			25	21.79	-2.85	16.79	<=34.77	Pass
		50	0	21.93	-2.85	16.93	<=34.77	Pass
	707.5	1	0	23.57	-2.85	18.57	<=34.77	Pass
			25	23.73	-2.85	18.73	<=34.77	Pass
			49	23.63	-2.85	18.63	<=34.77	Pass
		25	0	21.96	-2.85	16.96	<=34.77	Pass
			13	21.96	-2.85	16.96	<=34.77	Pass
			25	21.93	-2.85	16.93	<=34.77	Pass
		50	0	21.94	-2.85	16.94	<=34.77	Pass
	711	1	0	22.25	-2.85	17.25	<=34.77	Pass
			25	22.38	-2.85	17.38	<=34.77	Pass
			49	22.37	-2.85	17.37	<=34.77	Pass
		25	0	22.01	-2.85	17.01	<=34.77	Pass
			13	21.98	-2.85	16.98	<=34.77	Pass
			25	21.99	-2.85	16.99	<=34.77	Pass
		50	0	21.90	-2.85	16.90	<=34.77	Pass
64QAM	704	1	0	22.68	-2.85	17.68	<=34.77	Pass
			25	22.43	-2.85	17.43	<=34.77	Pass
			49	22.51	-2.85	17.51	<=34.77	Pass
		25	0	21.05	-2.85	16.05	<=34.77	Pass
			13	21.02	-2.85	16.02	<=34.77	Pass
			25	20.99	-2.85	15.99	<=34.77	Pass
		50	0	21.03	-2.85	16.03	<=34.77	Pass
	707.5	1	0	21.90	-2.85	16.90	<=34.77	Pass
			25	22.02	-2.85	17.02	<=34.77	Pass
			49	21.95	-2.85	16.95	<=34.77	Pass
		25	0	21.02	-2.85	16.02	<=34.77	Pass
			13	20.89	-2.85	15.89	<=34.77	Pass
			25	20.89	-2.85	15.89	<=34.77	Pass

			25	21.04	-2.85	16.04	<=34.77	Pass
		50	0	20.92	-2.85	15.92	<=34.77	Pass
	711	1	0	21.48	-2.85	16.48	<=34.77	Pass
			25	21.52	-2.85	16.52	<=34.77	Pass
			49	21.56	-2.85	16.56	<=34.77	Pass
		25	0	20.98	-2.85	15.98	<=34.77	Pass
			13	21.13	-2.85	16.13	<=34.77	Pass
			25	21.06	-2.85	16.06	<=34.77	Pass
		50	0	21.12	-2.85	16.12	<=34.77	Pass
	Note1: ERP=Conducted Power+Antenna Gain-2.15							

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