

Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B30_5MHz_EIRP

Band: 30 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2307.5	1	0	19.51	2.83	22.34	/	Pass
			13	19.56	2.83	22.39	/	Pass
			24	19.56	2.83	22.39	/	Pass
		12	0	19.54	2.83	22.37	/	Pass
			6	19.51	2.83	22.34	/	Pass
			13	19.42	2.83	22.25	/	Pass
		25	0	19.66	2.83	22.49	/	Pass
	2310	1	0	19.23	2.83	22.06	/	Pass
			13	19.34	2.83	22.17	/	Pass
			24	19.38	2.83	22.21	/	Pass
		12	0	19.28	2.83	22.11	/	Pass
			6	19.29	2.83	22.12	/	Pass
			13	19.39	2.83	22.22	/	Pass
		25	0	19.31	2.83	22.14	/	Pass
	2312.5	1	0	19.35	2.83	22.18	/	Pass
			13	19.45	2.83	22.28	/	Pass
			24	19.38	2.83	22.21	/	Pass
		12	0	19.39	2.83	22.22	/	Pass
			6	19.40	2.83	22.23	/	Pass
			13	19.50	2.83	22.33	/	Pass
		25	0	19.41	2.83	22.24	/	Pass
16QAM	2307.5	1	0	19.81	2.83	22.64	/	Pass
			13	19.83	2.83	22.66	/	Pass
			24	19.85	2.83	22.68	/	Pass
		12	0	19.48	2.83	22.31	/	Pass
			6	19.51	2.83	22.34	/	Pass
			13	19.38	2.83	22.21	/	Pass
		25	0	19.35	2.83	22.18	/	Pass
	2310	1	0	19.59	2.83	22.42	/	Pass
			13	19.71	2.83	22.54	/	Pass
			24	19.55	2.83	22.38	/	Pass
		12	0	19.30	2.83	22.13	/	Pass
			6	19.34	2.83	22.17	/	Pass
			13	19.40	2.83	22.23	/	Pass
		25	0	19.35	2.83	22.18	/	Pass
	2312.5	1	0	19.52	2.83	22.35	/	Pass
			13	19.63	2.83	22.46	/	Pass
			24	19.57	2.83	22.4	/	Pass
		12	0	19.44	2.83	22.27	/	Pass
			6	19.45	2.83	22.28	/	Pass
			13	19.53	2.83	22.36	/	Pass
		25	0	19.43	2.83	22.26	/	Pass
64QAM	2307.5	1	0	20.10	2.83	22.93	/	Pass

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			13	20.07	2.83	22.9	/	Pass	
			24	20.00	2.83	22.83	/	Pass	
			12	0	19.97	2.83	22.8	/	Pass
				6	19.94	2.83	22.77	/	Pass
				13	19.93	2.83	22.76	/	Pass
		25	0	19.87	2.83	22.7	/	Pass	
		2310	1	0	20.15	2.83	22.98	/	Pass
				13	20.13	2.83	22.96	/	Pass
				24	20.01	2.83	22.84	/	Pass
			12	0	19.98	2.83	22.81	/	Pass
	6			19.92	2.83	22.75	/	Pass	
	13			19.94	2.83	22.77	/	Pass	
	25		0	19.95	2.83	22.78	/	Pass	
	2312.5		1	0	20.16	2.83	22.99	/	Pass
		13		20.67	2.83	23.5	/	Pass	
		24		20.41	2.83	23.24	/	Pass	
		12	0	20.34	2.83	23.17	/	Pass	
			6	20.45	2.83	23.28	/	Pass	
			13	20.29	2.83	23.12	/	Pass	
		25	0	20.02	2.83	22.85	/	Pass	

256QAM	2307.5	1	0	17.54	2.83	20.37	/	Pass	
			13	17.68	2.83	20.51	/	Pass	
			24	15.23	2.83	18.06	/	Pass	
		12	0	17.33	2.83	20.16	/	Pass	
			6	16.98	2.83	19.81	/	Pass	
			13	17.05	2.83	19.88	/	Pass	
		25	0	17.09	2.83	19.92	/	Pass	
		2310	1	0	16.96	2.83	19.79	/	Pass
				13	17.22	2.83	20.05	/	Pass
				24	17.06	2.83	19.89	/	Pass
	12		0	17.05	2.83	19.88	/	Pass	
			6	17.07	2.83	19.9	/	Pass	
			13	17.08	2.83	19.91	/	Pass	
	25		0	16.97	2.83	19.8	/	Pass	
	2312.5	1	0	17.23	2.83	20.06	/	Pass	
			13	17.31	2.83	20.14	/	Pass	
			24	17.18	2.83	20.01	/	Pass	
		12	0	17.29	2.83	20.12	/	Pass	
			6	17.23	2.83	20.06	/	Pass	
			13	17.22	2.83	20.05	/	Pass	
		25	0	17.15	2.83	19.98	/	Pass	

Note1: EIRP=Conducted Power+Antenna Gain
2. Gain=Antenna gain-antenna cable loss=(3.63-0.8)dBi=2.83dBi

Note1: EIRP=Conducted Power+Antenna Gain

2. Gain=Antenna gain-antenna cable loss=(3.63-0.8)dBi=2.83dBi

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1.1.2 B30_5MHz_EIRP/5MHz

Band: 30 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/5MHz)	Gain (dBi)	EIRP/5MHz (dBm/5MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	2307.5	1	0	19.55	2.83	22.38	<=23.98	Pass
			13	19.71	2.83	22.54	<=23.98	Pass
			24	19.73	2.83	22.56	<=23.98	Pass
		12	0	19.62	2.83	22.45	<=23.98	Pass
			6	19.62	2.83	22.45	<=23.98	Pass
			13	19.48	2.83	22.31	<=23.98	Pass
		25	0	19.38	2.83	22.21	<=23.98	Pass
	2310	1	0	19.49	2.83	22.32	<=23.98	Pass
			13	19.63	2.83	22.46	<=23.98	Pass
			24	19.57	2.83	22.4	<=23.98	Pass
		12	0	19.53	2.83	22.36	<=23.98	Pass
			6	19.55	2.83	22.38	<=23.98	Pass
			13	19.62	2.83	22.45	<=23.98	Pass
		25	0	19.55	2.83	22.38	<=23.98	Pass
	2312.5	1	0	19.56	2.83	22.39	<=23.98	Pass
			13	19.60	2.83	22.43	<=23.98	Pass
			24	19.59	2.83	22.42	<=23.98	Pass
		12	0	19.61	2.83	22.44	<=23.98	Pass
			6	19.62	2.83	22.45	<=23.98	Pass
			13	19.67	2.83	22.5	<=23.98	Pass
		25	0	19.63	2.83	22.46	<=23.98	Pass
16QAM	2307.5	1	0	19.77	2.83	22.6	<=23.98	Pass
			13	19.78	2.83	22.61	<=23.98	Pass
			24	19.82	2.83	22.65	<=23.98	Pass
		12	0	19.58	2.83	22.41	<=23.98	Pass
			6	19.61	2.83	22.44	<=23.98	Pass
			13	19.51	2.83	22.34	<=23.98	Pass
		25	0	19.41	2.83	22.24	<=23.98	Pass
	2310	1	0	19.60	2.83	22.43	<=23.98	Pass
			13	19.75	2.83	22.58	<=23.98	Pass
			24	19.79	2.83	22.62	<=23.98	Pass
		12	0	19.57	2.83	22.4	<=23.98	Pass
			6	19.60	2.83	22.43	<=23.98	Pass
			13	19.68	2.83	22.51	<=23.98	Pass
		25	0	19.60	2.83	22.43	<=23.98	Pass
	2312.5	1	0	19.69	2.83	22.52	<=23.98	Pass
			13	19.95	2.83	22.78	<=23.98	Pass
			24	19.76	2.83	22.59	<=23.98	Pass
		12	0	19.65	2.83	22.48	<=23.98	Pass
			6	19.70	2.83	22.53	<=23.98	Pass
			13	19.74	2.83	22.57	<=23.98	Pass
		25	0	19.65	2.83	22.48	<=23.98	Pass
64QAM	2307.5	1	0	19.21	2.83	22.04	<=23.98	Pass
			13	19.08	2.83	21.91	<=23.98	Pass
			24	19.81	2.83	22.64	<=23.98	Pass
		12	0	19.15	2.83	21.98	<=23.98	Pass

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		25	6	19.09	2.83	21.92	<=23.98	Pass
			13	18.78	2.83	21.61	<=23.98	Pass
			0	19.08	2.83	21.91	<=23.98	Pass
	2310	1	0	19.20	2.83	22.03	<=23.98	Pass
			13	19.14	2.83	21.97	<=23.98	Pass
			24	20.00	2.83	22.83	<=23.98	Pass
		12	0	19.07	2.83	21.9	<=23.98	Pass
			6	18.94	2.83	21.77	<=23.98	Pass
			13	18.75	2.83	21.58	<=23.98	Pass
		25	0	19.10	2.83	21.93	<=23.98	Pass
	2312.5	1	0	19.26	2.83	22.09	<=23.98	Pass
			13	19.23	2.83	22.06	<=23.98	Pass
			24	19.92	2.83	22.75	<=23.98	Pass
		12	0	16.43	2.83	19.26	<=23.98	Pass
			6	20.01	2.83	22.84	<=23.98	Pass
			13	19.87	2.83	22.7	<=23.98	Pass
		25	0	19.83	2.83	22.66	<=23.98	Pass

256QAM	2307.5	1	0	16.68	2.83	19.51	<=23.98	Pass
			13	16.87	2.83	19.7	<=23.98	Pass
			24	16.64	2.83	19.47	<=23.98	Pass
		12	0	16.51	2.83	19.34	<=23.98	Pass
			6	16.02	2.83	18.85	<=23.98	Pass
			13	16.11	2.83	18.94	<=23.98	Pass
		25	0	16.11	2.83	18.94	<=23.98	Pass
	2310	1	0	16.08	2.83	18.91	<=23.98	Pass
			13	16.24	2.83	19.07	<=23.98	Pass
			24	16.23	2.83	19.06	<=23.98	Pass
		12	0	16.03	2.83	18.86	<=23.98	Pass
			6	16.12	2.83	18.95	<=23.98	Pass
			13	16.22	2.83	19.05	<=23.98	Pass
		25	0	16.10	2.83	18.93	<=23.98	Pass
	2312.5	1	0	16.56	2.83	19.39	<=23.98	Pass
			13	16.66	2.83	19.49	<=23.98	Pass
			24	16.81	2.83	19.64	<=23.98	Pass
		12	0	16.53	2.83	19.36	<=23.98	Pass
			6	16.61	2.83	19.44	<=23.98	Pass
			13	16.67	2.83	19.5	<=23.98	Pass
		25	0	16.55	2.83	19.38	<=23.98	Pass

Note1: EIRP=Conducted Power+Antenna Gain
2. Gain=Antenna gain-antenna cable loss=(3.63-0.8)dB=2.83dBi

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1.1.3 B30_10MHz_EIRP

Band: 30 / Bandwidth: 10MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2310	1	0	19.18	2.83	22.01	/	Pass
			25	19.36	2.83	22.19	/	Pass
			49	19.37	2.83	22.2	/	Pass
		25	0	19.34	2.83	22.17	/	Pass
			13	19.42	2.83	22.25	/	Pass
			25	19.50	2.83	22.33	/	Pass
		50	0	19.43	2.83	22.26	/	Pass
16QAM	2310	1	0	19.47	2.83	22.3	/	Pass
			25	19.55	2.83	22.38	/	Pass
			49	19.64	2.83	22.47	/	Pass
		25	0	19.41	2.83	22.24	/	Pass
			13	19.46	2.83	22.29	/	Pass
			25	19.51	2.83	22.34	/	Pass
		50	0	19.44	2.83	22.27	/	Pass
64QAM	2310	1	0	20.07	2.83	22.9	/	Pass
			25	20.38	2.83	23.21	/	Pass
			49	20.01	2.83	22.84	/	Pass
		25	0	19.08	2.83	21.91	/	Pass
			13	19.18	2.83	22.01	/	Pass
			25	19.13	2.83	21.96	/	Pass
		50	0	19.11	2.83	21.94	/	Pass
256QAM	2310	1	0	17.20	2.83	20.03	/	Pass
			25	17.58	2.83	20.41	/	Pass
			49	17.18	2.83	20.01	/	Pass
		25	0	17.33	2.83	20.16	/	Pass
			13	17.42	2.83	20.25	/	Pass
			25	17.38	2.83	20.21	/	Pass
		50	0	17.36	2.83	20.19	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain 2. Gain=Antenna gain-antenna cable loss=(3.63-0.8)dBi=2.83dBi								

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1.1.4 B30_10MHz_EIRP/5MHz

Band: 30 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/5MHz)	Gain (dBi)	EIRP/5MHz (dBm/5MHz)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2310	1	0	19.34	2.83	22.17	<=23.98	Pass		
			25	19.56	2.83	22.39	<=23.98	Pass		
			49	19.55	2.83	22.38	<=23.98	Pass		
		25	0	19.51	2.83	22.34	<=23.98	Pass		
			13	19.56	2.83	22.39	<=23.98	Pass		
			25	19.64	2.83	22.47	<=23.98	Pass		
		50	0	16.86	2.83	19.69	<=23.98	Pass		
		16QAM	2310	1	0	19.55	2.83	22.38	<=23.98	Pass
					25	19.72	2.83	22.55	<=23.98	Pass
49	19.64				2.83	22.47	<=23.98	Pass		
25	0			19.50	2.83	22.33	<=23.98	Pass		
	13			19.58	2.83	22.41	<=23.98	Pass		
	25			19.65	2.83	22.48	<=23.98	Pass		
50	0			16.85	2.83	19.68	<=23.98	Pass		
64QAM	2310			1	0	19.44	2.83	22.27	<=23.98	Pass
					25	19.65	2.83	22.48	<=23.98	Pass
		49	19.68		2.83	22.51	<=23.98	Pass		
		25	0	18.24	2.83	21.07	<=23.98	Pass		
			13	18.39	2.83	21.22	<=23.98	Pass		
			25	18.53	2.83	21.36	<=23.98	Pass		
		50	0	15.69	2.83	18.52	<=23.98	Pass		
		256QAM	2310	1	0	16.23	2.83	19.06	<=23.98	Pass
					25	16.64	2.83	19.47	<=23.98	Pass
49	16.76				2.83	19.59	<=23.98	Pass		
25	0			16.47	2.83	19.3	<=23.98	Pass		
	13			16.60	2.83	19.43	<=23.98	Pass		
	25			16.71	2.83	19.54	<=23.98	Pass		
50	0			13.90	2.83	16.73	<=23.98	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										
2. Gain=Antenna gain-antenna cable loss=(3.63-0.8)dBi=2.83dBi										

--End of Appendix--