



FCC, VCCI, CISPR, CE, AUSTEL, NZ
UL, CSA, TUV, BSMI, DHHS, NVLAP

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Project #: 00U0413-1
Report #: 000818B1
Date & Time: 08/18/00 10:06 AM
Test Engr: JESSE SALDIVAR

Company: MATTEL
EUT Description: 27MHz TRANSMITTER DANCING DIVA DEBBIE
Test Configuration: EUT
Type of Test: FCC BC2
Mode of Operation: CONTINUOUS TX

☐ A-Site

☒ B-Site

☐ C-Site

☐ F-Site

6 Worst Data

Descending

Freq.	Reading	AF	Cross	Pre-amp	Level	Limit	Margin	Pol	Az	Height	Mark
(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	FCC B	(dB)	(H/V)	(Deg)	(Meter)	(P/Q/A)
X POSITION:											
27.14	68.70	9.70	1.29	27.28	52.41	80.00	-27.59	3mV	270.00	1.00	P
Y POSITION:											
27.14	67.40	9.70	1.29	27.28	51.11	80.00	-28.89	3mV	270.00	1.00	P
Z POSITION:											
27.14	67.90	9.70	1.29	27.28	51.61	80.00	-28.39	3mV	180.00	1.00	P
X POSITION:											
27.14	66.40	9.70	1.29	27.28	50.11	80.00	-29.89	3mH	270.00	1.00	P
Y POSITION:											
27.14	65.50	9.70	1.29	27.28	49.21	80.00	-30.79	3mH	180.00	1.00	P
Z POSITION:											
27.14	66.40	9.70	1.29	27.28	50.11	80.00	-29.89	3mH	180.00	1.00	P
X POSITION:											
54.29	49.70	5.76	1.77	27.21	30.02	40.00	-9.98	3mV	180.00	1.00	P
81.43	43.70	7.09	2.04	27.12	25.71	40.00	-14.29	3mV	180.00	1.00	P
108.58	45.00	10.69	2.35	27.08	30.96	43.50	-12.54	3mV	180.00	1.00	P
271.45	44.80	13.09	3.67	26.42	35.14	46.00	-10.86	3mV	90.00	1.00	P
434.32	43.30	16.80	4.82	27.22	37.70	46.00	-8.30	3mV	180.00	1.00	P
54.29	48.00	6.92	1.77	27.21	29.48	40.00	-10.52	3mH	270.00	1.50	P
81.43	42.50	7.17	2.04	27.12	24.60	40.00	-15.40	3mH	270.00	1.50	P
108.58	43.70	10.51	2.35	27.08	29.49	43.50	-14.01	3mH	180.00	1.50	P
271.45	42.10	13.22	3.67	26.42	32.57	46.00	-13.43	3mH	180.00	1.00	P
435.32	42.70	17.13	4.82	27.23	37.43	46.00	-8.57	3mH	180.00	1.00	P
Y POSITION:											
54.29	46.30	5.76	1.77	27.21	26.62	40.00	-13.38	3mV	90.00	1.00	P
81.43	42.40	7.09	2.04	27.12	24.41	40.00	-15.59	3mV	180.00	1.00	P
108.58	44.00	10.69	2.35	27.08	29.96	43.50	-13.54	3mV	180.00	1.00	P
271.45	43.00	13.09	3.67	26.42	33.34	46.00	-12.66	3mV	270.00	1.00	P
435.32	42.60	16.82	4.82	27.23	37.01	46.00	-8.99	3mV	180.00	1.00	P

54.29	46.00	6.92	1.77	27.21	27.48	40.00	-12.52	3mH	270.00	1.00	P
81.43	43.50	7.17	2.04	27.12	25.60	40.00	-14.40	3mH	270.00	1.50	P
108.58	43.90	10.51	2.35	27.08	29.69	43.50	-13.81	3mH	90.00	1.50	P
271.45	43.10	13.22	3.67	26.42	33.57	46.00	-12.43	3mH	180.00	1.00	P
434.32	45.30	17.12	4.82	27.22	40.01	46.00	-5.99	3mH	180.00	1.00	P
Z POSITION:											
54.29	47.00	5.76	1.77	27.21	27.32	40.00	-12.68	3mV	180.00	1.00	P
81.43	43.70	7.09	2.04	27.12	25.71	40.00	-14.29	3mV	270.00	1.00	P
108.58	43.80	10.69	2.35	27.08	29.76	43.50	-13.74	3mV	90.00	1.00	P
271.45	43.50	13.09	3.67	26.42	33.84	46.00	-12.16	3mV	270.00	1.00	P
434.32	43.70	16.80	4.82	27.22	38.10	46.00	-7.90	3mV	180.00	1.00	P
54.29	43.20	6.92	1.77	27.21	24.68	40.00	-15.32	3mH	180.00	1.50	P
81.43	44.50	7.17	2.04	27.12	26.60	40.00	-13.40	3mH	90.00	1.20	P
108.58	44.40	10.51	2.35	27.08	30.19	43.50	-13.31	3mH	270.00	1.30	P
271.45	43.40	13.22	3.67	26.42	33.87	46.00	-12.13	3mH	180.00	1.50	P
434.32	44.30	17.12	4.82	27.22	39.01	46.00	-6.99	3mH	180.00	1.00	P

COMPLETED SCAN FROM 30MHz TO 1GHz IN VERTICAL AND HORIZONTAL POLARIZATIONS.

WITH X,Y,Z POSITION OF EUT.

Total data #: 36

V.2b

