



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

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Project #:
Report #: 001116CB
Date & Time:
Test Engr: Tom & Thu

Company: Breezecom
EUT Description: OMNI-8 Antenna
Test Configuration : EUT
Type of Test: Harmonic's Measurement
Mode of Operation: Mid Channel set @ 480, Fundamental 2.44GHz

☐ A Site ☐ B Site ☐ C Site ☒ F Site 6 Worst Data

Freq.	Reading	AF	Closs	Pre-amp	Dist	Other	Level	Limit	Margin	Pol	Height	Mark
(MHz)	(dBuV)	(dB)	(dB)	(dB)	dB	dB	(dBuV/m)	FCC_B	(dB)	(H/V)	(Meter)	(P/Q/A)
4880	49.84	32.9	4.2	31.25	9.5	1.00	47.19	74.00	-26.81	V	1.0	P
4880	46.90	32.9	4.2	31.25	9.5	1.00	44.25	54.00	-9.75	V	1.0	Av
7320	46.20	37.0	4.9	31.25	9.5	1.00	48.35	74.00	-25.65	V	1.0	P
7320	35.50	37.0	4.9	31.25	9.5	1.00	37.65	54.00	-16.35	V	1.0	Av
9760	43.52	37.8	6.3	31.25	20.0	0.00	36.37	74.00	-37.63	V	1.0	P
9760	32.50	37.8	6.3	31.25	20.0	0.00	25.35	54.00	-28.65	V	1.0	Av
12200	44.89	39.2	6.7	31.25	20.0	1.00	40.54	74.00	-33.46	V	1.0	P
12200	33.59	39.2	6.7	31.25	20.0	1.00	29.24	54.00	-24.76	V	1.0	Av
14640	48.35	39.0	7.7	31.25	20.0	1.00	44.80	74.00	-29.20	V	1.0	P
14640	37.00	39.0	7.7	31.25	20.0	1.00	33.45	54.00	-20.55	V	1.0	Av
17080	48.50	45.0	9.1	31.25	20.0	0.00	51.35	74.00	-22.65	V	1.0	P
17080	38.60	45.0	9.1	31.25	20.0	0.00	41.45	54.00	-12.55	V	1.0	Av
19520	51.90	32.3	10.0	31.25	20.0	1.00	43.95	74.00	-30.05	V	1.0	P
19520	41.20	32.3	10.0	31.25	20.0	1.00	33.25	54.00	-20.75	V	1.0	Av
21960	54.00	32.5	11.2	31.25	20.0	1.00	47.45	74.00	-26.55	V	1.0	P
21960	43.50	32.5	11.2	31.25	20.0	1.00	36.95	54.00	-17.05	V	1.0	Av
24400	43.80	32.6	11.9	31.25	20.0	0.00	37.05	74.00	-36.95	V	1.0	P
24400	42.70	32.6	11.9	31.25	20.0	0.00	35.95	54.00	-18.05	V	1.0	Av

Total data #: 18
V.2f

Peak: RBW=VBW=1MHz
Average: RBW=1MHz, VBW=10Hz

Other = High Pass Filter
Distance = 20*log(dm/ds)