



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: Highest Channel set @ 500, Fundamental 2.46GHz

☐ 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)
4920	44.85	32.9	4.2	31.25	9.5	1.00	42.20	74.00	-31.80	V	1.0	P
4920	39.60	32.9	4.2	31.25	9.5	1.00	36.95	54.00	-17.05	V	1.0	Av
7380	46.16	37.0	4.9	31.25	9.5	1.00	48.31	74.00	-25.69	V	1.0	P
7380	34.90	37.0	4.9	31.25	9.5	1.00	37.05	54.00	-16.95	V	1.0	Av
9840	43.57	37.8	6.3	31.25	20.0	0.00	36.42	74.00	-37.58	V	1.0	P
9840	32.40	37.8	6.3	31.25	20.0	0.00	25.25	54.00	-28.75	V	1.0	Av
12299	44.90	39.2	6.7	31.25	20.0	1.00	40.55	74.00	-33.45	V	1.0	P
12299	33.48	39.2	6.7	31.25	20.0	1.00	29.13	54.00	-24.87	V	1.0	Av
14759	48.40	39.0	7.7	31.25	20.0	1.00	44.85	74.00	-29.15	V	1.0	P
14759	36.70	39.0	7.7	31.25	20.0	1.00	33.15	54.00	-20.85	V	1.0	Av
17219	48.45	45.0	9.1	31.25	20.0	0.00	51.30	74.00	-22.70	V	1.0	P
17219	38.35	45.0	9.1	31.25	20.0	0.00	41.20	54.00	-12.80	V	1.0	Av
19679	51.80	32.3	10.0	31.25	20.0	1.00	43.85	74.00	-30.15	V	1.0	P
19679	41.10	32.3	10.0	31.25	20.0	1.00	33.15	54.00	-20.85	V	1.0	Av
22139	53.90	32.5	11.2	31.25	20.0	1.00	47.35	74.00	-26.65	V	1.0	P
22139	43.10	32.5	11.2	31.25	20.0	1.00	36.55	54.00	-17.45	V	1.0	Av
24599	53.50	32.6	11.9	31.25	20.0	0.00	46.75	74.00	-27.25	V	1.0	P
24599	42.55	32.6	11.9	31.25	20.0	0.00	35.80	54.00	-18.20	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)