

# ZIPPY EMC LAB

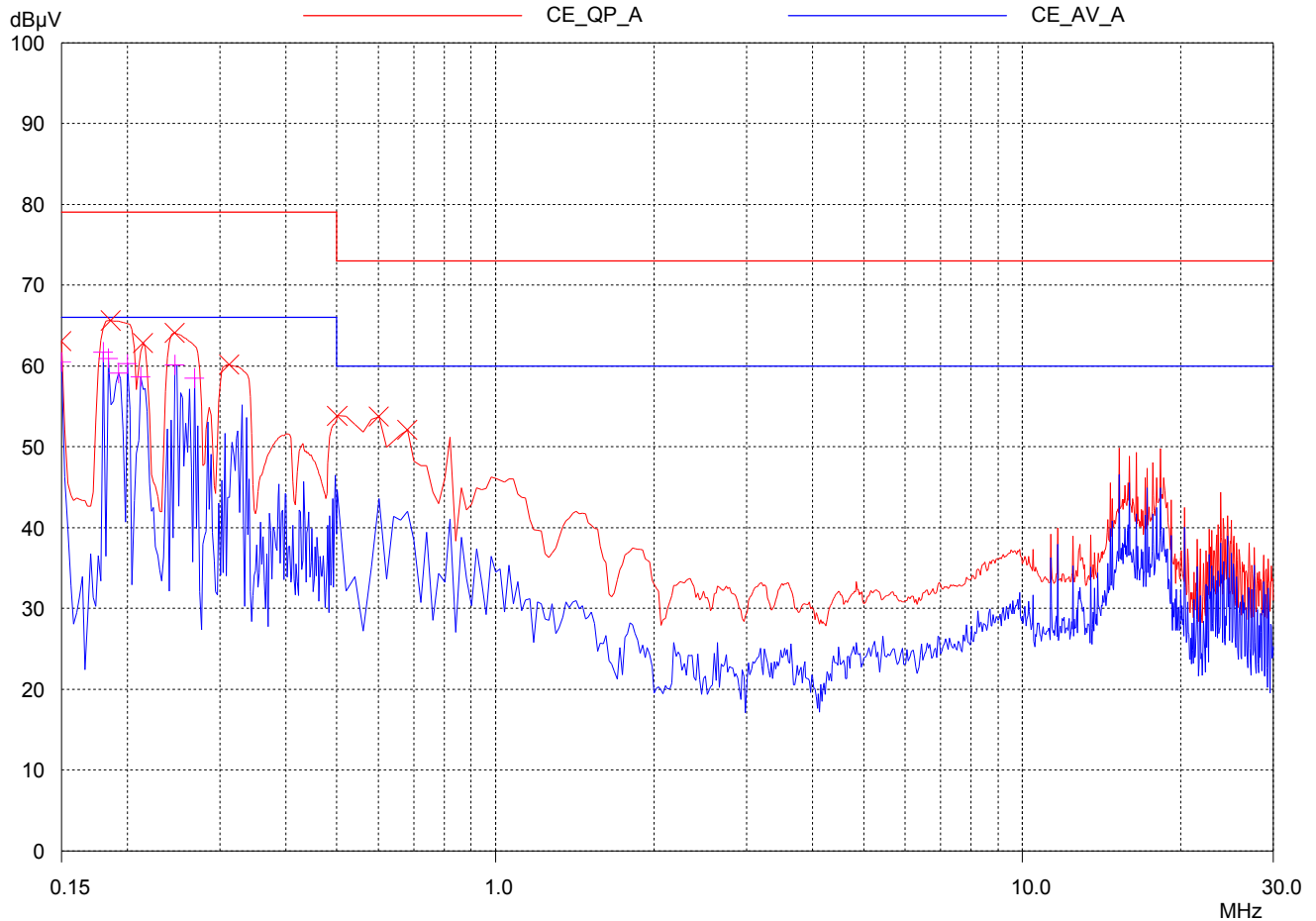
## conduction test

EUT: M1R2-5500G0H SPS  
 Manuf: ZIPPY TECH CO..LTD  
 Op Cond: FULL LOAD  
 Operator:  
 Test Spec: FCC Part 15-- Class A  
 Comment: Load Condition (28 19 0.5 15 3)  
 L110V

Scan Settings (3 Ranges)			Receiver Settings					
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp	OpRge
150kHz	500kHz	2kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB
500kHz	5MHz	20kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB
5MHz	30MHz	40kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB

Transducer	No.	Start	Stop	Name
	1	9kHz	30MHz	CEB

Prescan Measurement: Detectors: X QP / + AV  
 Meas Time: see scan settings  
 Peaks: 8  
 Acc Margin: 25 dB



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### Peak Search Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB	Phase	PE
0.15	63.09	79.00	15.91	N	gnd
0.186	65.60	79.00	13.40	N	gnd
0.214	62.81	79.00	16.19	N	gnd
0.246	64.06	79.00	14.94	N	gnd
0.312	60.13	79.00	18.87	N	gnd
0.5	53.83	73.00	19.17	N	gnd
0.6	53.73	73.00	19.27	N	gnd
0.68	52.07	73.00	20.93	N	gnd

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB	Phase	PE
0.15	60.49	66.00	5.51	N	gnd
0.18	61.69	66.00	4.31	N	gnd
0.184	60.93	66.00	5.07	N	gnd
0.192	59.10	66.00	6.90	N	gnd
0.2	60.26	66.00	5.74	N	gnd
0.212	58.64	66.00	7.36	N	gnd
0.246	60.11	66.00	5.89	N	gnd
0.268	58.46	66.00	7.54	N	gnd

\* limit exceeded

Indicated Phase/PE shows Configuration of max. Emission

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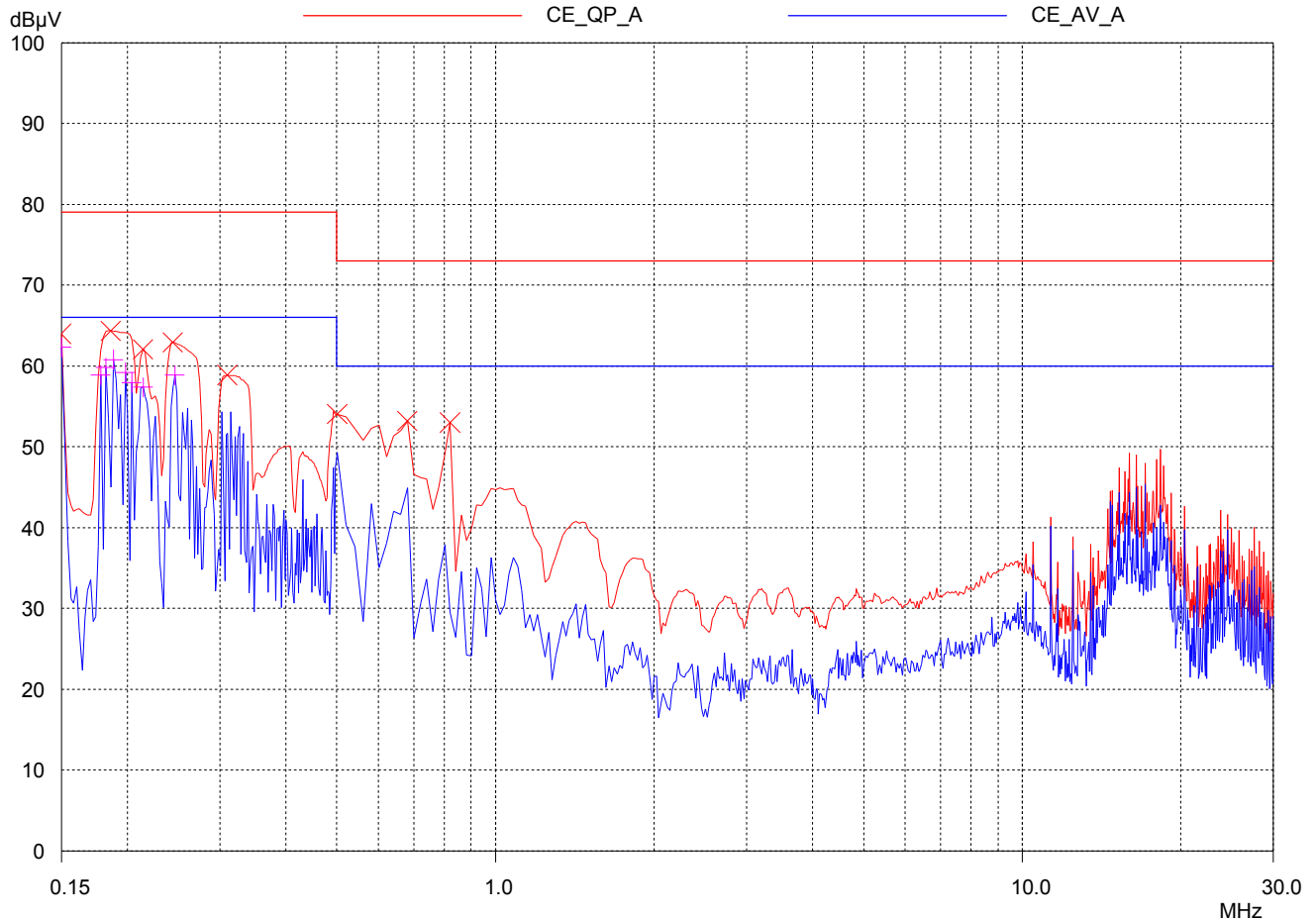
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 Test Spec: FCC Part 15-- Class A  
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 N110V

Scan Settings (3 Ranges)			Receiver Settings					
Frequencies			IF BW	Detector	M-Time	Atten	Preamp	OpRge
Start	Stop	Step	10kHz	QP+AV	1msec	Auto	OFF	60dB
150kHz	500kHz	2kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB
500kHz	5MHz	20kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB
5MHz	30MHz	40kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB

Transducer	No.	Start	Stop	Name
	1	9kHz	30MHz	CEB

Prescan Measurement: Detectors: X QP / + AV  
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150kHz	500kHz	2kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB
500kHz	5MHz	20kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB
5MHz	30MHz	40kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB

Transducer	No.	Start	Stop	Name
	1	9kHz	30MHz	CEB

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 Peaks: 8  
 Acc Margin: 25 dB

### Peak Search Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB	Phase	PE
0.15	63.97	79.00	15.03	N	gnd
0.186	64.33	79.00	14.67	N	gnd
0.214	62.06	79.00	16.94	N	gnd
0.244	62.92	79.00	16.08	N	gnd
0.31	58.85	79.00	20.15	N	gnd
0.5	54.03	73.00	18.97	N	gnd
0.68	53.17	73.00	19.83	N	gnd
0.82	52.99	73.00	20.01	N	gnd

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB	Phase	PE
0.15	62.29	66.00	3.71	N	gnd
0.178	58.84	66.00	7.16	N	gnd
0.182	59.77	66.00	6.23	N	gnd
0.188	60.75	66.00	5.25	N	gnd
0.198	59.18	66.00	6.82	N	gnd
0.204	57.93	66.00	8.07	N	gnd
0.214	57.34	66.00	8.66	N	gnd
0.246	58.84	66.00	7.16	N	gnd

\* limit exceeded

Indicated Phase/PE shows Configuration of max. Emission