

ZIPPY EMC LAB

conduction test

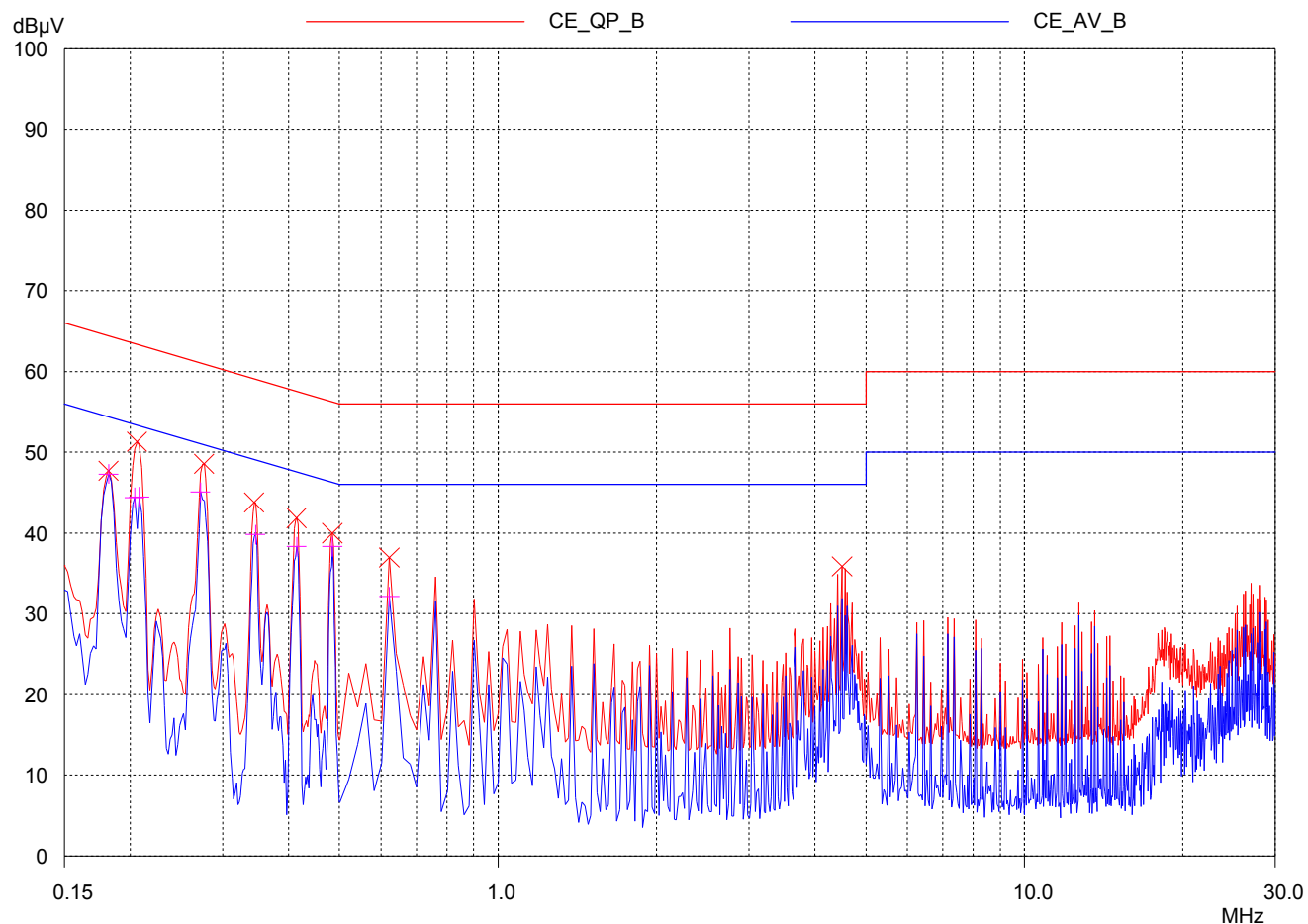
EUT: ATN-5400V SPS
Manuf: ZIPPY TECH CO..LTD
Op Cond: FULL LOAD
Operator:
Test Spec: FCC Part 15-- Class B
Comment: Load Condition (20 19 0.5 13 3.5)
L110V

Scan Settings (3 Ranges)

Frequencies			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



ZIPPY EMC LAB

conduction test

EUT: ATN-5400V SPS
 Manuf: ZIPPY TECH CO..LTD
 Op Cond: FULL LOAD
 Operator:
 Test Spec: FCC Part 15-- Class B
 Comment: Load Condition (20 19 0.5 13 3.5)
 L110V

Scan Settings		(3 Ranges)			Receiver Settings			
		Frequencies						
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

Peak Search Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB	Phase -	PE -
0.182	47.70	64.39	16.69	N	gnd
0.206	51.29	63.37	12.08	N	gnd
0.276	48.55	60.94	12.39	N	gnd
0.344	43.74	59.11	15.37	N	gnd
0.414	41.84	57.57	15.73	N	gnd
0.484	39.97	56.27	16.30	N	gnd
0.62	36.94	56.00	19.06	N	gnd
4.5	35.82	56.00	20.18	N	gnd

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB	Phase -	PE -
0.182	47.29	54.39	7.10	N	gnd
0.204	44.38	53.45	9.07	N	gnd
0.208	44.46	53.28	8.82	N	gnd
0.272	45.05	51.06	6.01	N	gnd
0.346	39.78	49.06	9.28	N	gnd
0.414	38.30	47.57	9.27	N	gnd
0.484	38.30	46.27	7.97	N	gnd
0.62	32.09	46.00	13.91	N	gnd

* limit exceeded

Indicated Phase/PE shows Configuration of max. Emission

ZIPPY EMC LAB

conduction test

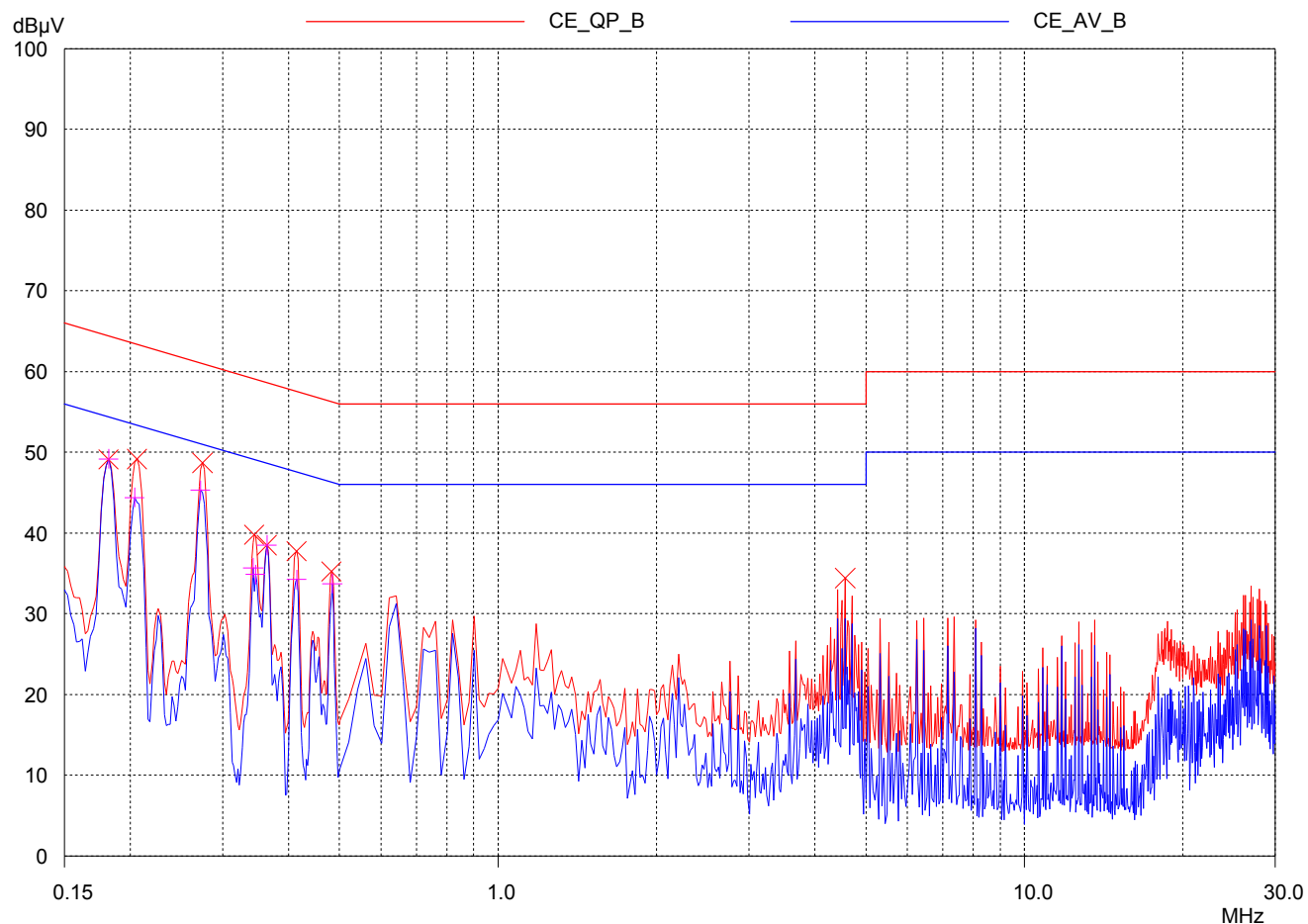
EUT: ATN-5400V SPS
Manuf: ZIPPY TECH CO..LTD
Op Cond: FULL LOAD
Operator:
Test Spec: FCC Part 15-- Class B
Comment: Load Condition (20 19 0.5 13 3.5)
N110V

Scan Settings (3 Ranges)

Frequencies			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



ZIPPY EMC LAB

conduction test

EUT: ATN-5400V SPS
 Manuf: ZIPPY TECH CO..LTD
 Op Cond: FULL LOAD
 Operator:
 Test Spec: FCC Part 15-- Class B
 Comment: Load Condition (20 19 0.5 13 3.5)
 N110V

Scan Settings		(3 Ranges)			Receiver Settings			
		Frequencies						
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

Peak Search Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB	Phase -	PE -
0.182	49.10	64.39	15.29	N	gnd
0.206	49.14	63.37	14.23	N	gnd
0.274	48.67	61.00	12.33	N	gnd
0.344	39.77	59.11	19.34	N	gnd
0.364	38.48	58.64	20.16	N	gnd
0.414	37.71	57.57	19.86	N	gnd
0.482	35.23	56.30	21.07	N	gnd
4.56	34.40	56.00	21.60	N	gnd

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB	Phase -	PE -
0.182	49.17	54.39	5.22	N	gnd
0.204	44.38	53.45	9.07	N	gnd
0.272	45.26	51.06	5.80	N	gnd
0.342	35.66	49.15	13.49	N	gnd
0.346	34.86	49.06	14.20	N	gnd
0.364	38.46	48.64	10.18	N	gnd
0.414	34.21	47.57	13.36	N	gnd
0.484	33.71	46.27	12.56	N	gnd

* limit exceeded

Indicated Phase/PE shows Configuration of max. Emission