

802.11ax HE40

High Channel (Horizontal)

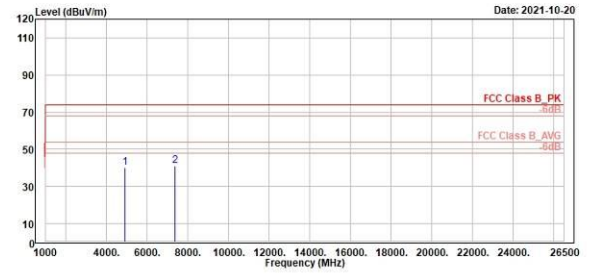
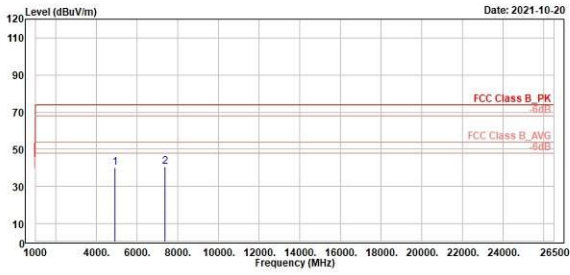
High Channel (Vertical)



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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4984.00	39.95	49.54	-9.59	74.00	-34.05	280	116 Peak	Horizontal	
2	7356.00	40.77	48.10	-7.33	74.00	-33.23	300	0 Peak	Horizontal	

Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4984.00	40.82	49.61	-9.59	74.00	-33.98	300	53 Peak	Vertical	
2	7356.00	41.22	48.55	-7.33	74.00	-32.78	300	163 Peak	Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz

Worst Band

(Line)

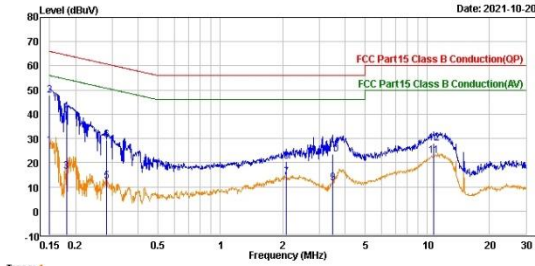
(Neutral)



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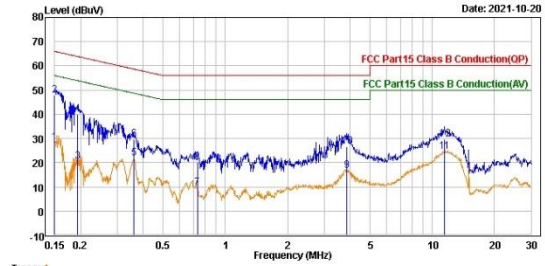


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Trace: 1

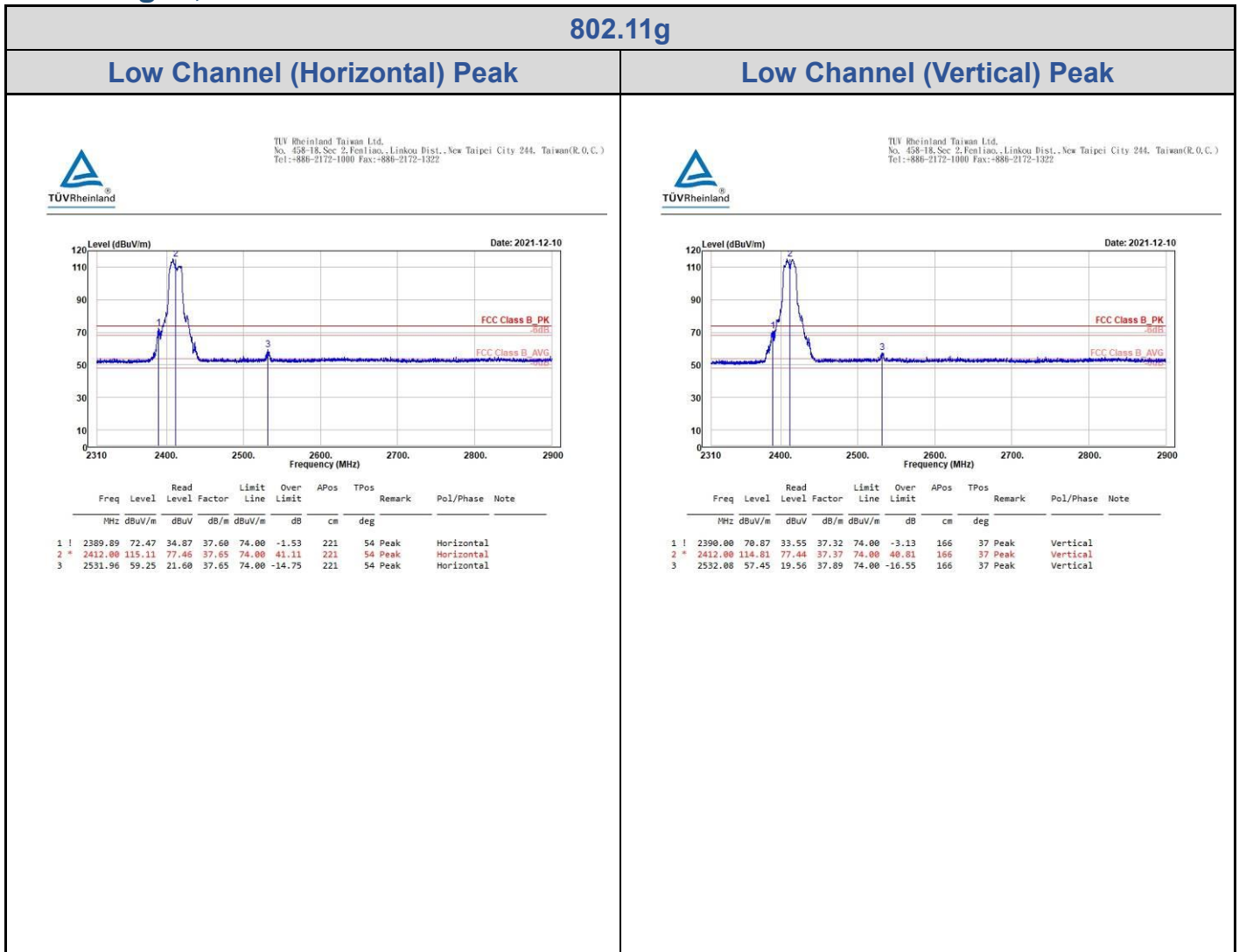
Line	Freq	Level	Read Level	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.15	27.01	16.95	10.06	56.00	-28.99	Average	line1	
2	0.15	47.78	37.72	10.06	66.00	-18.22	QP	line1	
3	0.18	16.33	6.27	10.06	54.47	-38.14	Average	line1	
4	0.18	40.86	30.80	10.06	64.47	-23.61	QP	line1	
5	0.28	12.13	2.07	10.06	50.74	-38.61	Average	line1	
6	0.28	29.35	19.29	10.06	60.74	-31.39	QP	line1	
7	2.07	13.87	3.75	10.12	46.00	-32.13	Average	line1	
8	2.07	20.34	10.22	10.12	56.00	-35.66	QP	line1	
9	3.48	11.43	1.27	10.16	46.00	-34.57	Average	line1	
10	3.48	23.52	13.36	10.16	56.00	-32.48	QP	line1	
11	10.74	22.87	12.53	10.34	50.00	-27.13	Average	line1	
12	10.74	27.96	17.62	10.34	60.00	-32.04	QP	line1	



Trace: 1

Line	Freq	Level	Read Level	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.15	28.47	18.43	10.04	56.00	-27.53	Average	neutral	
2	0.15	47.84	37.80	10.04	66.00	-18.16	QP	neutral	
3	0.18	20.57	10.53	10.04	53.93	-33.36	Average	neutral	
4	0.18	39.85	29.81	10.04	63.93	-24.08	QP	neutral	
5	0.28	21.75	11.70	10.05	48.71	-26.96	Average	neutral	
6	0.28	29.77	19.72	10.05	58.71	-28.94	QP	neutral	
7	0.75	9.63	-0.42	10.05	46.00	-36.37	Average	neutral	
8	0.75	19.96	9.91	10.05	56.00	-36.04	QP	neutral	
9	3.85	16.78	6.63	10.15	46.00	-29.22	Average	neutral	
10	3.85	26.59	16.44	10.15	56.00	-29.41	QP	neutral	
11	11.46	24.41	14.07	10.34	50.00	-25.59	Average	neutral	
12	11.46	29.54	19.20	10.34	60.00	-30.46	QP	neutral	

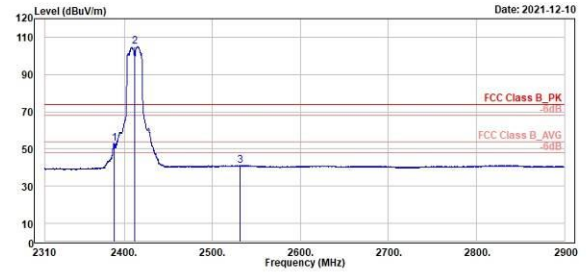
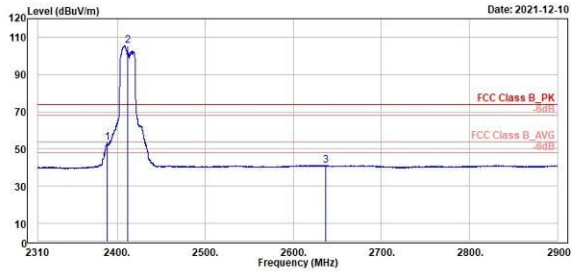
<POE Mode>
Band Edges, 2.31GHz ~ 2.9GHz



802.11g

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 2389.38	53.41	15.81	37.68	54.00	-0.59	221	54 Average	Horizontal	
2 * 2412.00	105.38	67.73	37.65	54.00	51.38	221	54 Average	Horizontal	
3 2636.51	41.20	2.99	38.21	54.00	-12.80	221	54 Average	Horizontal	

Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 2389.18	53.14	15.82	37.32	54.00	-0.86	166	37 Average	Vertical	
2 * 2412.00	105.05	67.68	37.37	54.00	51.05	166	37 Average	Vertical	
3 2531.37	41.13	3.24	37.89	54.00	-12.87	166	37 Average	Vertical	

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

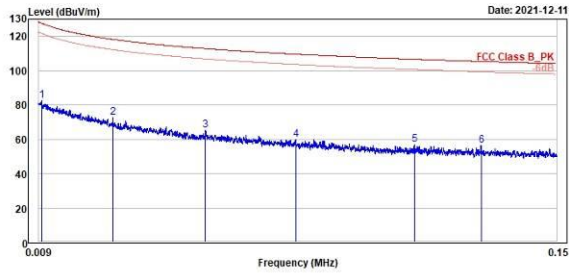
802.11g

Low Channel (Open) 9kHz~150kHz

Low Channel (Open) 150kHz~30MHz



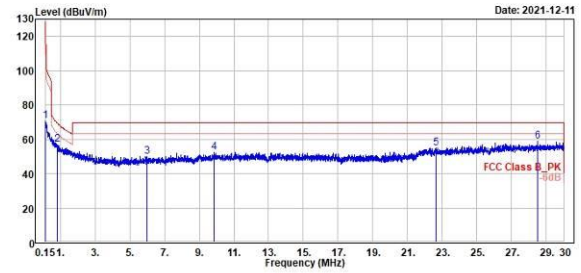
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	PoL/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	82.41	5.49	76.92	127.73	-45.32	100	226 QP	Open	
2	72.43	3.39	69.04	118.27	-45.84	100	323 QP	Open	
3	65.84	1.78	63.26	112.87	-47.83	100	156 QP	Open	
4	59.75	-0.29	60.04	109.65	-49.90	100	167 QP	Open	
5	56.62	-0.16	56.78	106.67	-50.05	100	254 QP	Open	
6	56.34	0.35	55.99	105.36	-49.02	100	45 QP	Open	



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Freq	Level	Read	Limit	Over	APos	TPos	Remark	PoL/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	70.83	15.72	55.11	104.88	-33.25	100	359 QP	Open	
2	81.07	14.49	42.58	69.44	-12.37	100	129 QP	Open	
3	49.93	13.22	36.71	69.50	-19.57	100	89 QP	Open	
4	52.20	14.07	38.13	69.50	-17.30	100	274 QP	Open	
5	54.97	16.28	38.69	69.50	-14.53	100	85 QP	Open	
6	58.77	17.36	41.41	69.50	-10.73	100	272 QP	Open	

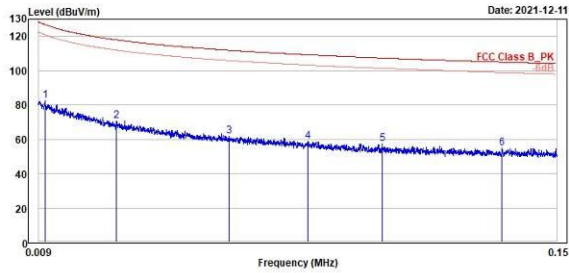
802.11g

Low Channel (Close) 9kHz~150kHz

Low Channel (Close) 150kHz~30MHz



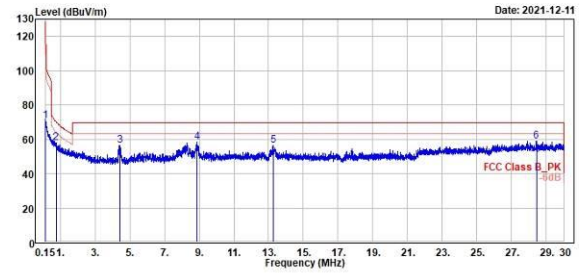
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note	
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	0.01	82.63	6.19	76.44	126.96	-44.33	100	100	QP	Close
2	0.03	70.69	1.99	68.70	117.99	-47.30	100	260	QP	Close
3	0.06	61.63	-0.80	62.43	111.92	-50.29	100	254	QP	Close
4	0.08	58.60	-0.99	59.59	109.28	-50.68	100	310	QP	Close
5	0.10	57.20	0.05	57.15	107.38	-50.18	100	33	QP	Close
6	0.14	54.68	-1.07	55.75	104.98	-50.30	100	141	QP	Close

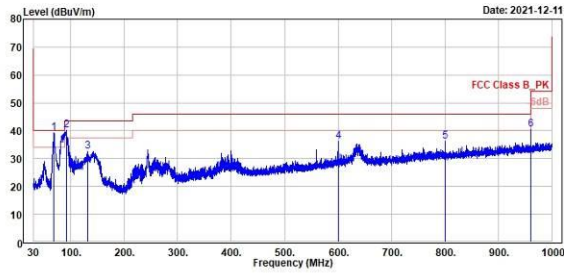


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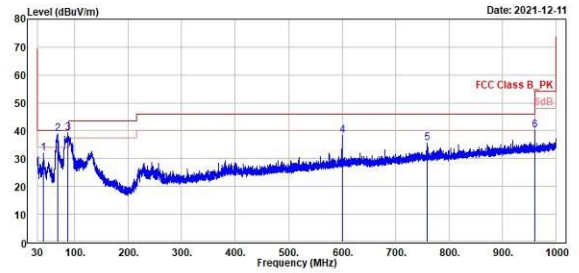


Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note	
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	0.15	70.46	15.35	55.11	104.00	-33.62	100	23	QP	Close
2	0.75	57.92	14.87	43.05	70.10	-12.18	100	25	QP	Close
3	4.41	56.34	19.82	36.52	69.50	-13.16	100	360	QP	Close
4	8.89	58.40	20.63	37.77	69.50	-11.10	100	30	QP	Close
5	13.28	56.29	18.35	37.94	69.50	-13.21	100	323	QP	Close
6	28.43	58.83	17.44	41.39	69.50	-10.67	100	135	QP	Close

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz
802.11g
Low Channel (Horizontal)
Low Channel (Vertical)

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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	67.54	39.14	48.89	-9.75	48.00	-0.85	300	132 QP	Horizontal
2	90.82	40.26	53.92	-13.66	43.50	-3.24	200	100 QP	Horizontal
3	130.88	32.60	41.33	-8.73	43.50	-10.90	200	228 QP	Horizontal
4	599.97	36.14	37.46	-1.32	46.00	-9.86	100	307 QP	Horizontal
5	800.08	36.08	34.29	1.79	46.00	-9.92	100	57 QP	Horizontal
6	960.04	40.52	36.06	4.46	54.00	-13.48	122	360 QP	Horizontal


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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	40.38	32.02	40.29	-8.27	40.00	-7.98	100	204 QP	Vertical
2	67.83	38.99	48.71	-9.72	40.00	-1.01	100	278 QP	Vertical
3	86.26	39.19	52.20	-13.01	40.00	-6.81	200	182 QP	Vertical
4	599.97	38.32	39.64	-1.32	46.00	-7.68	100	13 QP	Vertical
5	760.02	35.49	34.07	1.42	46.00	-10.51	136	360 QP	Vertical
6	960.04	40.04	35.58	4.46	54.00	-13.96	100	360 QP	Vertical

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

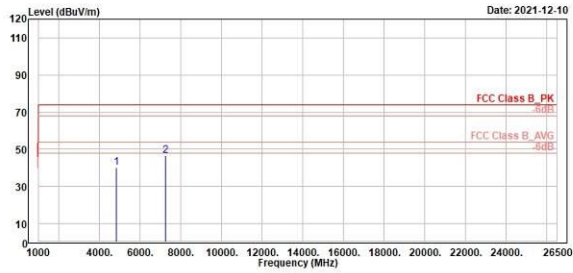
802.11g

Low Channel (Horizontal)

Low Channel (Vertical)



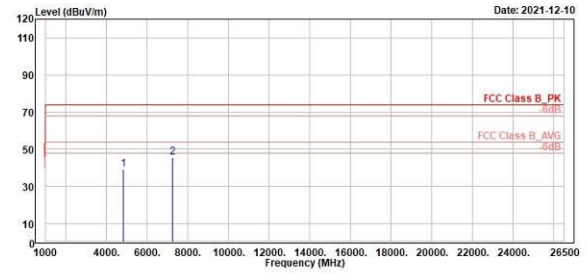
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4824.00	39.95	49.51	-9.56	74.00	-34.05	390	208 Peak	Horizontal	
2	7236.00	46.59	53.89	-7.30	74.00	-27.41	154	358 Peak	Horizontal	



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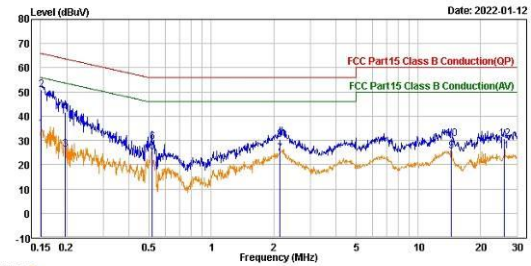
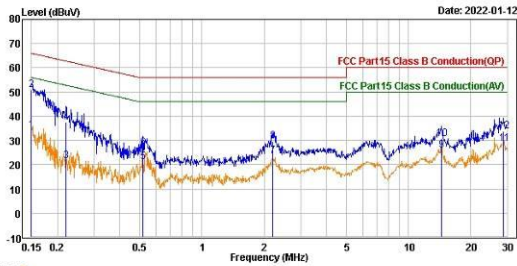
Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4824.00	39.23	49.14	-9.91	74.00	-34.77	256	357 Peak	Vertical	
2	7236.00	45.74	53.17	-7.43	74.00	-28.26	300	187 Peak	Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz

Worst Band

(Line)

(Neutral)



Trace: 1

Line	Freq (MHz)	Level (dBuV)	Read Level (dBuV)	Factor (dB)	Limit Line (dB)	Over Limit (dB)	Remark	Pol/Phase	Note
1	0.15	34.17	24.11	10.06	56.00	-21.83	Average	line1	
2	0.15	50.99	40.93	10.06	66.00	-15.01	QP	line1	
3	0.22	21.43	11.37	10.06	52.81	-31.38	Average	line1	
4	0.22	37.67	27.61	10.06	62.81	-25.14	QP	line1	
5	0.52	21.25	11.17	10.08	46.00	-24.75	Average	line1	
6	0.52	26.83	16.75	10.08	56.00	-29.17	QP	line1	
7	2.20	23.49	13.37	10.12	46.00	-22.51	Average	line1	
8	2.20	29.77	19.65	10.12	56.00	-26.23	QP	line1	
9	14.42	26.00	15.56	10.44	50.00	-24.00	Average	line1	
10	14.42	30.85	20.41	10.44	60.00	-29.15	QP	line1	
11	28.83	28.55	17.93	10.62	50.00	-21.45	Average	line1	
12	28.83	33.86	23.24	10.62	60.00	-26.14	QP	line1	

Trace: 1

Line	Freq (MHz)	Level (dBuV)	Read Level (dBuV)	Factor (dB)	Limit Line (dB)	Over Limit (dB)	Remark	Pol/Phase	Note
1	0.15	34.82	24.78	10.04	55.96	-21.14	Average	neutral	
2	0.15	51.03	40.99	10.04	65.96	-14.93	QP	neutral	
3	0.20	26.35	16.31	10.04	53.72	-27.37	Average	neutral	
4	0.20	41.60	31.56	10.04	63.72	-22.12	QP	neutral	
5	0.52	25.33	15.27	10.06	46.00	-20.67	Average	neutral	
6	0.52	29.29	19.23	10.06	56.00	-26.71	QP	neutral	
7	2.15	24.60	14.50	10.10	46.00	-21.40	Average	neutral	
8	2.15	30.38	20.28	10.10	56.00	-25.62	QP	neutral	
9	14.42	25.50	15.07	10.43	50.00	-24.50	Average	neutral	
10	14.42	30.55	20.12	10.43	60.00	-29.45	QP	neutral	
11	25.96	25.42	14.84	10.58	50.00	-24.58	Average	neutral	
12	25.96	30.74	20.16	10.58	60.00	-29.26	QP	neutral	