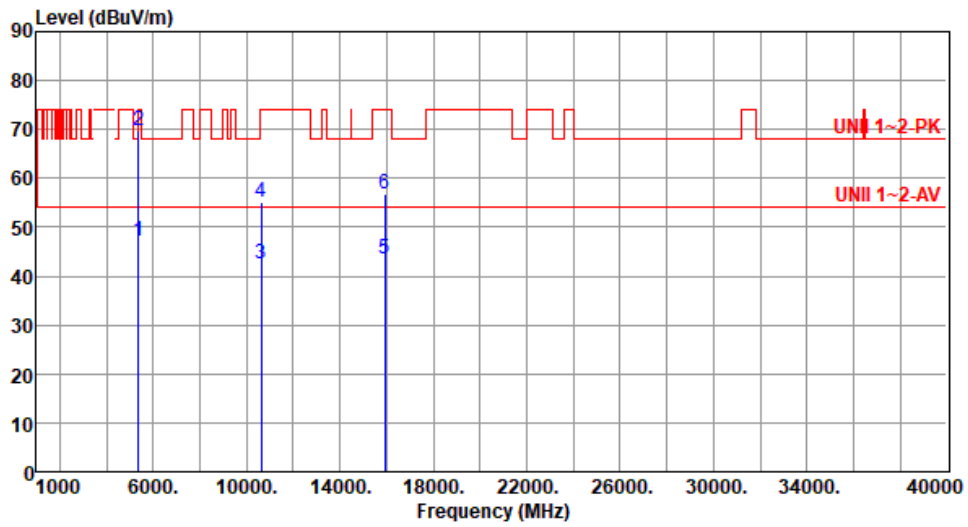




Modulation	ax HE40	Test Freq. (MHz)	5310
Polarization	Horizontal		

Test By : Sean Yu      Temperature(°C): 26      Humidity(%): 62



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	47.13	54.00	-6.87	47.31	-0.18	Average	100	227
2	5350.00	69.64	74.00	-4.36	69.82	-0.18	Peak	100	227
3	10620.00	42.49	54.00	-11.51	35.28	7.21	Average	100	104
4	10620.00	55.16	74.00	-18.84	47.95	7.21	Peak	100	104
5	15930.00	43.36	54.00	-10.64	39.22	4.14	Average	100	138
6	15930.00	56.82	74.00	-17.18	52.68	4.14	Peak	100	138

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

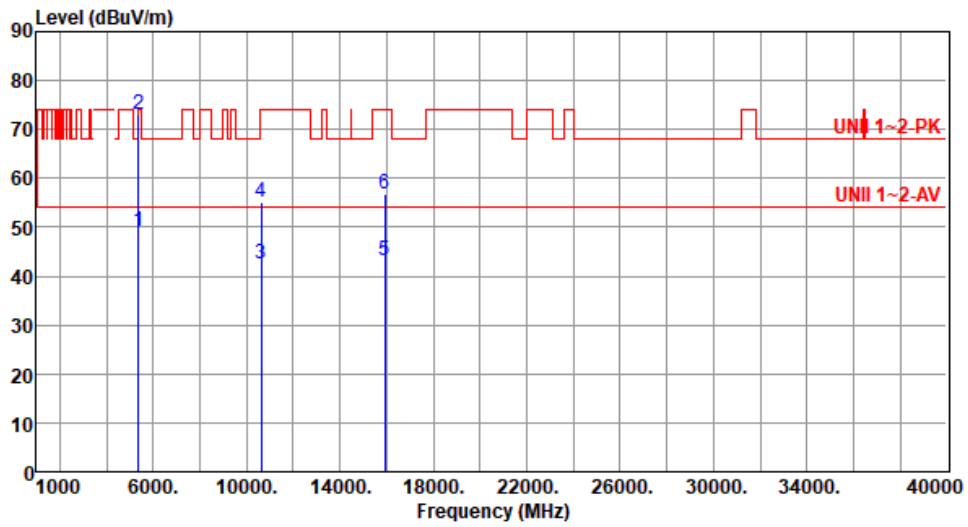
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE40	Test Freq. (MHz)	5310
Polarization	Vertical		

Test By : Sean Yu      Temperature(°C): 26      Humidity(%): 62



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	49.28	54.00	-4.72	49.46	-0.18	Average	100	156
2	5350.00	73.14	74.00	-0.86	73.32	-0.18	Peak	100	156
3	10620.00	42.45	54.00	-11.55	35.24	7.21	Average	100	131
4	10620.00	54.97	74.00	-19.03	47.76	7.21	Peak	100	131
5	15930.00	43.31	54.00	-10.69	39.17	4.14	Average	100	56
6	15930.00	56.72	74.00	-17.28	52.58	4.14	Peak	100	56

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

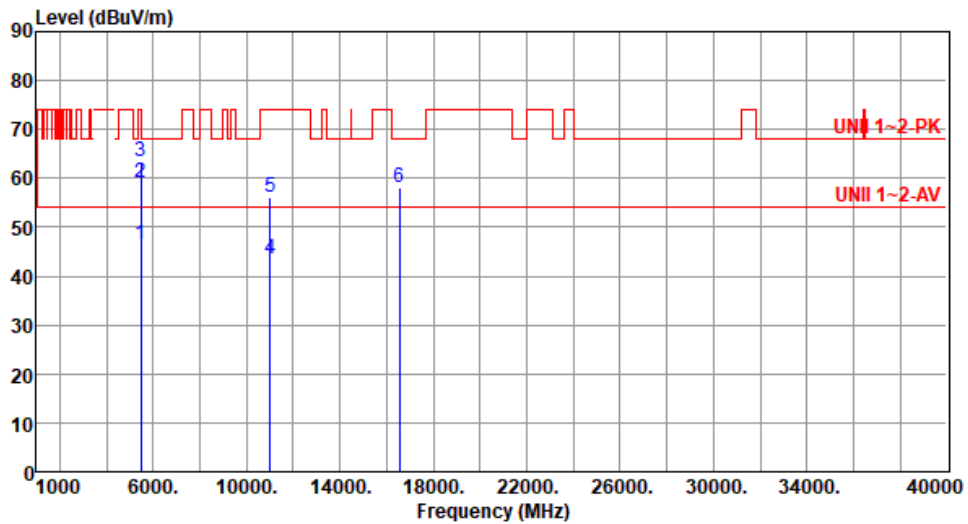
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE40	Test Freq. (MHz)	5510
Polarization	Horizontal		

Test By : Sean Yu      Temperature(°C): 26      Humidity(%): 62



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	46.41	54.00	-7.59	46.33	0.08	Average	144	74
2	5460.00	59.01	74.00	-14.99	58.93	0.08	Peak	144	74
3	5470.00	63.47	68.20	-4.73	63.38	0.09	Peak	144	74
4	11020.00	43.34	54.00	-10.66	35.85	7.49	Average	100	57
5	11020.00	55.97	74.00	-18.03	48.48	7.49	Peak	100	57
6	16530.00	58.26	68.20	-9.94	52.21	6.05	Peak	100	108

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

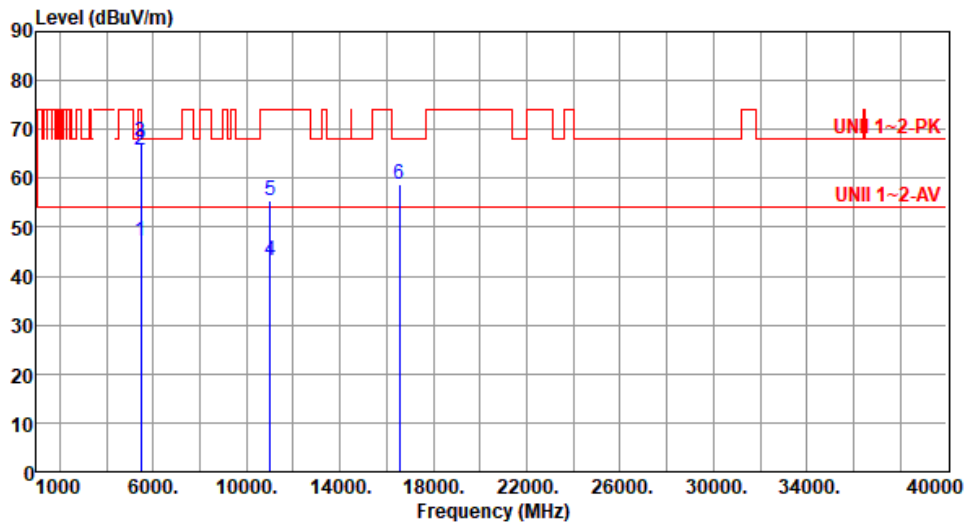
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE40	Test Freq. (MHz)	5510
Polarization	Vertical		

Test By : Sean Yu      Temperature(°C): 26      Humidity(%): 62



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	47.19	54.00	-6.81	47.11	0.08	Average	100	139
2	5460.00	65.73	74.00	-8.27	65.65	0.08	Peak	100	139
3	5470.00	67.56	68.20	-0.64	67.47	0.09	Peak	100	139
4	11020.00	43.16	54.00	-10.84	35.67	7.49	Average	100	72
5	11020.00	55.46	74.00	-18.54	47.97	7.49	Peak	100	72
6	16530.00	58.89	68.20	-9.31	52.84	6.05	Peak	100	94

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

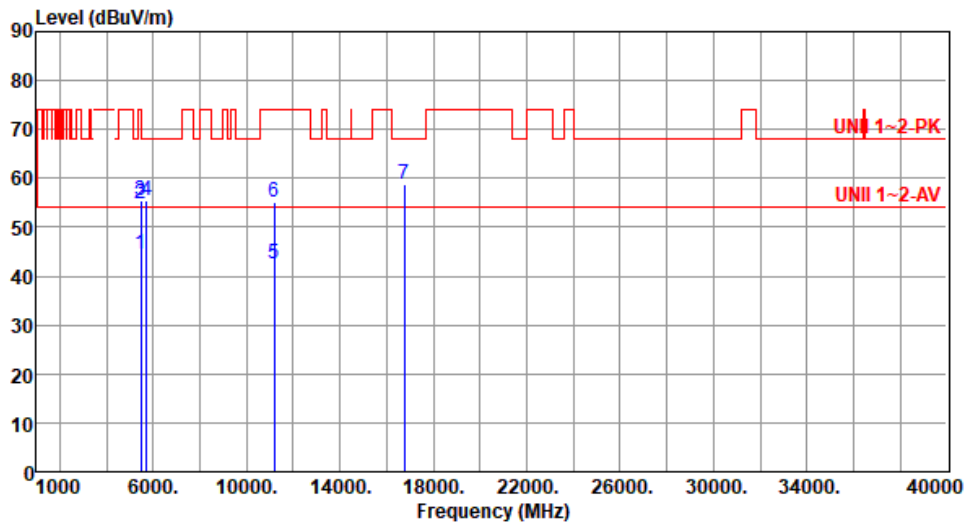
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE40	Test Freq. (MHz)	5590
Polarization	Horizontal		

Test By : Sean Yu      Temperature(°C): 26      Humidity(%): 62



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.35	54.00	-9.65	44.27	0.08	Average	170	274
2	5460.00	54.70	74.00	-19.30	54.62	0.08	Peak	170	274
3	5470.00	55.37	68.20	-12.83	55.28	0.09	Peak	170	274
4	5725.00	55.57	68.20	-12.63	54.98	0.59	Peak	170	274
5	11180.00	42.50	54.00	-11.50	35.62	6.88	Average	100	148
6	11180.00	54.99	74.00	-19.01	48.11	6.88	Peak	100	148
7	16770.00	58.87	68.20	-9.33	52.36	6.51	Peak	100	213

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

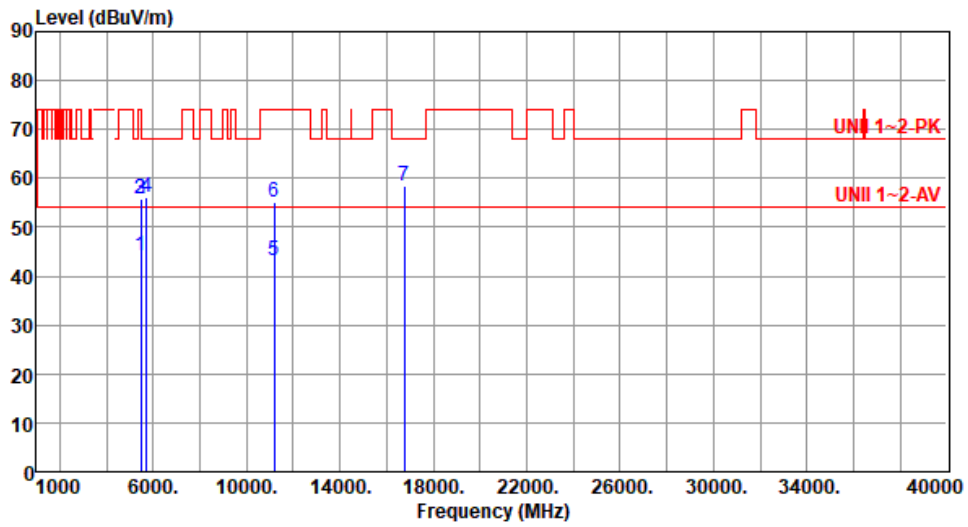
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE40	Test Freq. (MHz)	5590
Polarization	Vertical		

Test By : Sean Yu      Temperature(°C): 26      Humidity(%): 62



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.30	54.00	-9.70	44.22	0.08	Average	100	29
2	5460.00	55.71	74.00	-18.29	55.63	0.08	Peak	100	29
3	5470.00	55.92	68.20	-12.28	55.83	0.09	Peak	100	29
4	5725.00	56.06	68.20	-12.14	55.47	0.59	Peak	100	29
5	11180.00	43.17	54.00	-10.83	36.29	6.88	Average	100	178
6	11180.00	55.04	74.00	-18.96	48.16	6.88	Peak	100	178
7	16770.00	58.44	68.20	-9.76	51.93	6.51	Peak	100	213

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor\* (dB/m)

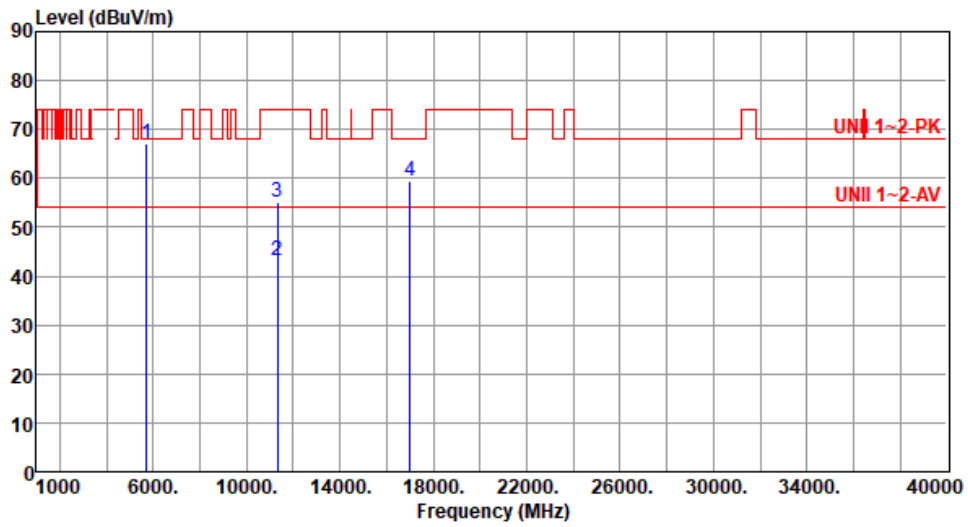
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



Modulation	ax HE40	Test Freq. (MHz)	5670
Polarization	Horizontal		

Test By : Sean Yu      Temperature(°C): 26      Humidity(%): 62



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	67.16	68.20	-1.04	66.57	0.59	Peak	124	270
2	11340.00	43.28	54.00	-10.72	36.34	6.94	Average	100	112
3	11340.00	55.16	74.00	-18.84	48.22	6.94	Peak	100	112
4	17010.00	59.48	68.20	-8.72	53.20	6.28	Peak	100	59

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

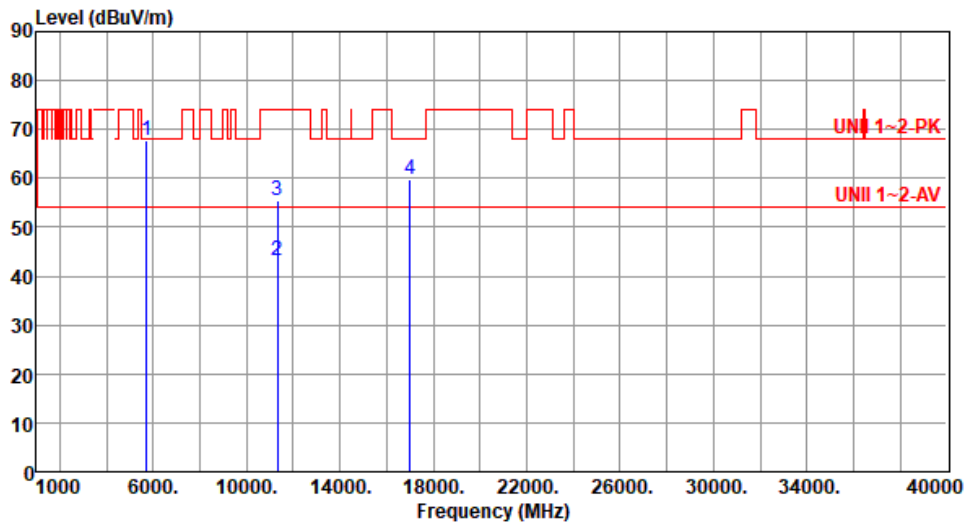
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE40	Test Freq. (MHz)	5670
Polarization	Vertical		

Test By : Sean Yu      Temperature(°C): 26      Humidity(%): 62



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	67.83	68.20	-0.37	67.24	0.59	Peak	100	182
2	11340.00	43.23	54.00	-10.77	36.29	6.94	Average	100	146
3	11340.00	55.49	74.00	-18.51	48.55	6.94	Peak	100	146
4	17010.00	59.65	68.20	-8.55	53.37	6.28	Peak	100	104

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

\*Factor includes antenna factor , cable loss and amplifier gain

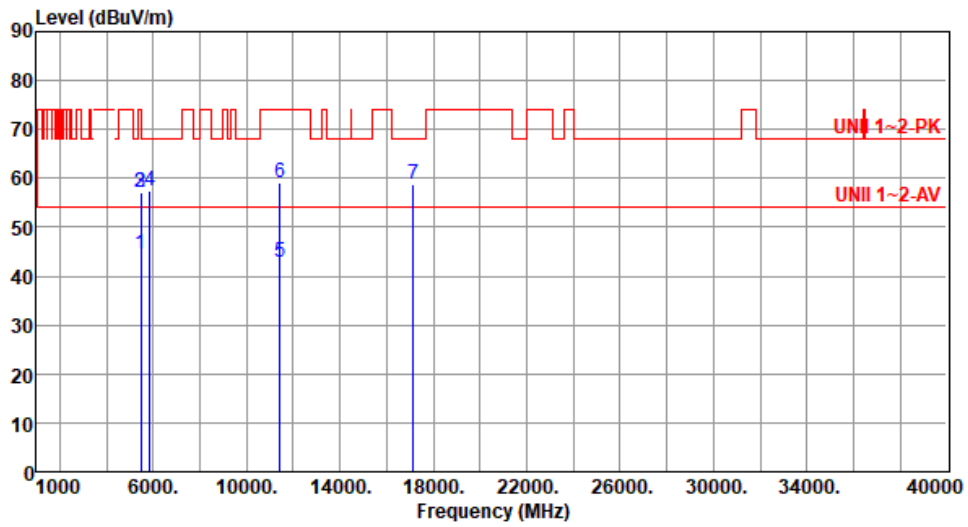
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).





Modulation	ax HE40	Test Freq. (MHz)	5710
Polarization	Horizontal		

Test By : Sean Yu      Temperature(°C): 26      Humidity(%): 62



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.43	54.00	-9.57	44.35	0.08	Average	125	272
2	5460.00	56.97	74.00	-17.03	56.89	0.08	Peak	125	272
3	5470.00	57.13	68.20	-11.07	57.04	0.09	Peak	125	272
4	5850.00	57.29	68.20	-10.91	56.41	0.88	Peak	125	272
5	11420.00	42.82	54.00	-11.18	35.68	7.14	Average	100	177
6	11420.00	59.17	74.00	-14.83	52.03	7.14	Peak	100	177
7	17130.00	58.92	68.20	-9.28	52.89	6.03	Peak	100	208

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

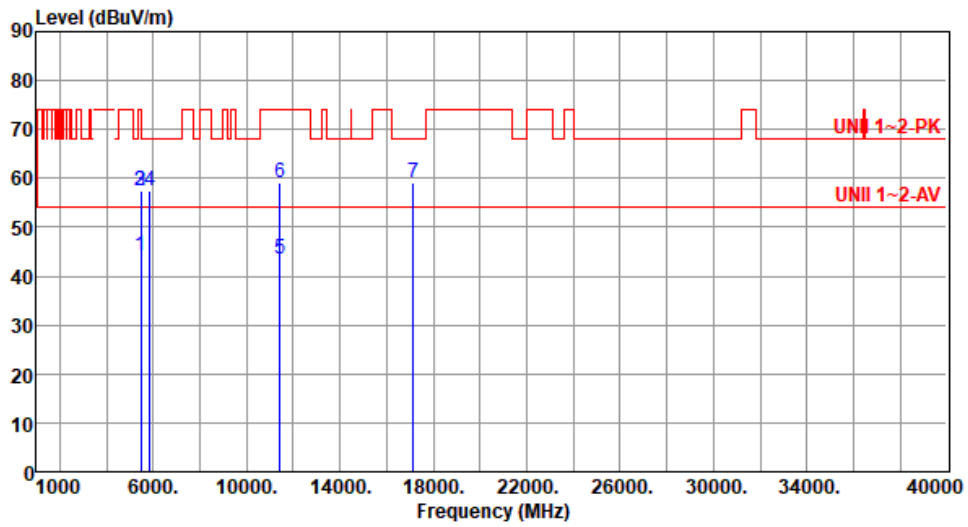
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE40	Test Freq. (MHz)	5710
Polarization	Vertical		

Test By : Sean Yu      Temperature(°C): 26      Humidity(%): 62



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.25	54.00	-9.75	44.17	0.08	Average	100	183
2	5460.00	57.29	74.00	-16.71	57.21	0.08	Peak	100	183
3	5470.00	57.33	68.20	-10.87	57.24	0.09	Peak	100	183
4	5850.00	57.48	68.20	-10.72	56.60	0.88	Peak	100	183
5	11420.00	43.38	54.00	-10.62	36.24	7.14	Average	100	254
6	11420.00	59.18	74.00	-14.82	52.04	7.14	Peak	100	254
7	17130.00	59.05	68.20	-9.15	53.02	6.03	Peak	100	117

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

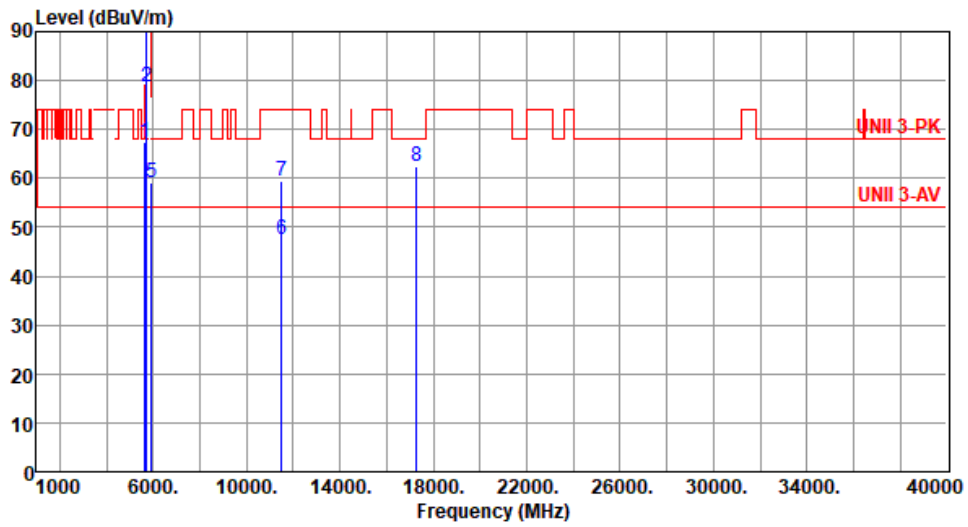
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE40	Test Freq. (MHz)	5755
Polarization	Horizontal		

Test By : Sean Yu      Temperature(°C): 26      Humidity(%): 62



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	67.58	68.20	-0.62	67.34	0.24	Peak	227	246
2	5700.00	78.67	105.20	-26.53	78.20	0.47	Peak	227	246
3	5720.00	90.01	110.80	-20.79	89.44	0.57	Peak	227	246
4	5725.00	93.21	122.20	-28.99	92.62	0.59	Peak	227	246
5	5925.00	59.12	68.20	-9.08	57.93	1.19	Peak	227	246
6	11510.00	47.59	54.00	-6.41	40.35	7.24	Average	100	223
7	11510.00	59.49	74.00	-14.51	52.25	7.24	Peak	100	223
8	17265.00	62.27	68.20	-5.93	56.20	6.07	Peak	100	274

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

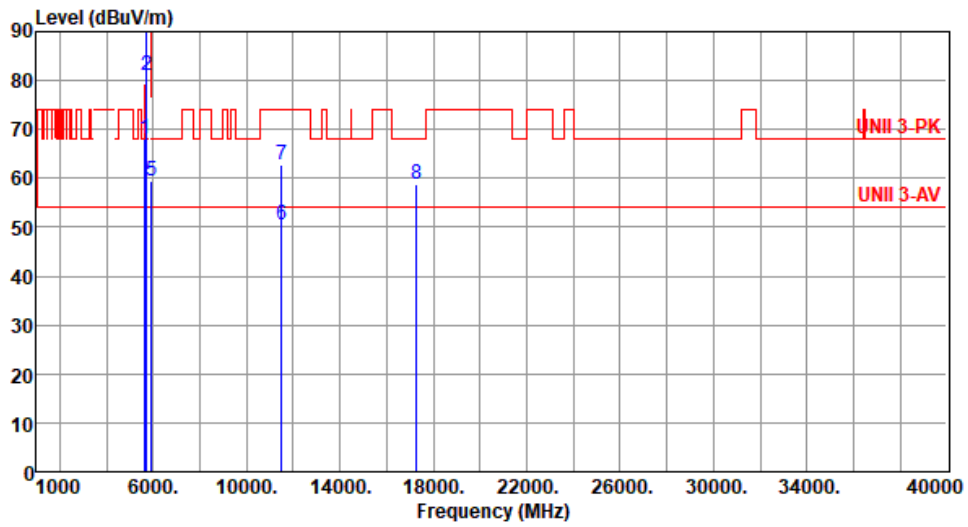
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE40	Test Freq. (MHz)	5755
Polarization	Vertical		

Test By : Sean Yu      Temperature(°C): 26      Humidity(%): 62



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	68.08	68.20	-0.12	67.84	0.24	Peak	100	41
2	5700.00	80.92	105.20	-24.28	80.45	0.47	Peak	100	41
3	5720.00	91.65	110.80	-19.15	91.08	0.57	Peak	100	41
4	5725.00	94.95	122.20	-27.25	94.36	0.59	Peak	100	41
5	5925.00	59.52	68.20	-8.68	58.33	1.19	Peak	100	41
6	11510.00	50.34	54.00	-3.66	43.10	7.24	Average	100	278
7	11510.00	62.68	74.00	-11.32	55.44	7.24	Peak	100	278
8	17265.00	58.93	68.20	-9.27	52.86	6.07	Peak	100	258

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

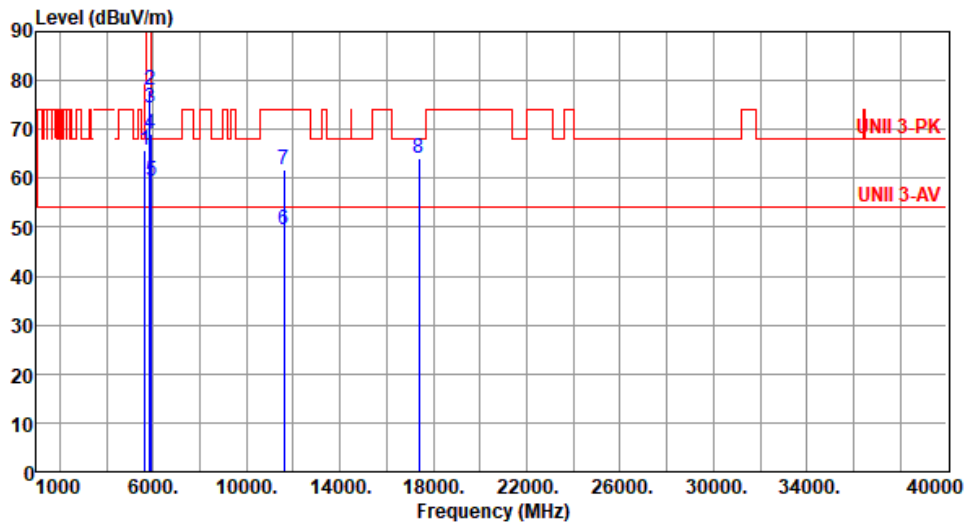
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE40	Test Freq. (MHz)	5795
Polarization	Horizontal		

Test By : Sean Yu      Temperature(°C): 26      Humidity(%): 62



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	65.78	68.20	-2.42	65.54	0.24	Peak	208	249
2	5850.00	77.97	122.20	-44.23	77.09	0.88	Peak	208	249
3	5855.00	74.54	110.80	-36.26	73.63	0.91	Peak	208	249
4	5875.00	69.18	105.20	-36.02	68.18	1.00	Peak	208	249
5	5925.00	59.38	68.20	-8.82	58.19	1.19	Peak	208	249
6	11590.00	49.36	54.00	-4.64	42.40	6.96	Average	100	221
7	11590.00	61.89	74.00	-12.11	54.93	6.96	Peak	100	221
8	17385.00	64.01	68.20	-4.19	57.67	6.34	Peak	100	273

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

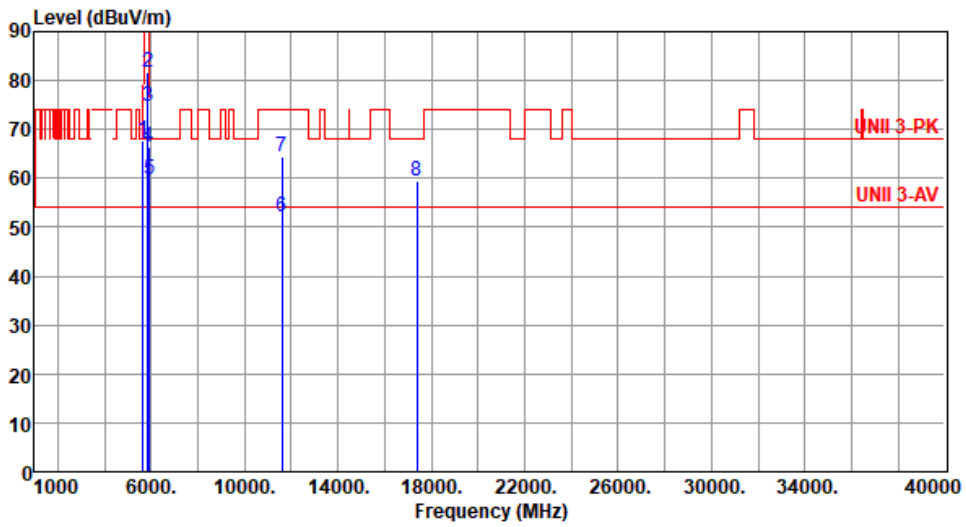
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE40	Test Freq. (MHz)	5795
Polarization	Vertical		

Test By : Sean Yu      Temperature(°C): 26      Humidity(%): 62



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	67.91	68.20	-0.29	67.67	0.24	Peak	100	359
2	5850.00	81.76	122.20	-40.44	80.88	0.88	Peak	100	359
3	5855.00	74.88	110.80	-35.92	73.97	0.91	Peak	100	359
4	5875.00	66.34	105.20	-38.86	65.34	1.00	Peak	100	359
5	5925.00	59.64	68.20	-8.56	58.45	1.19	Peak	100	359
6	11590.00	51.98	54.00	-2.02	45.02	6.96	Average	100	277
7	11590.00	64.44	74.00	-9.56	57.48	6.96	Peak	100	277
8	17385.00	59.60	68.20	-8.60	53.26	6.34	Peak	100	261

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

\*Factor includes antenna factor , cable loss and amplifier gain

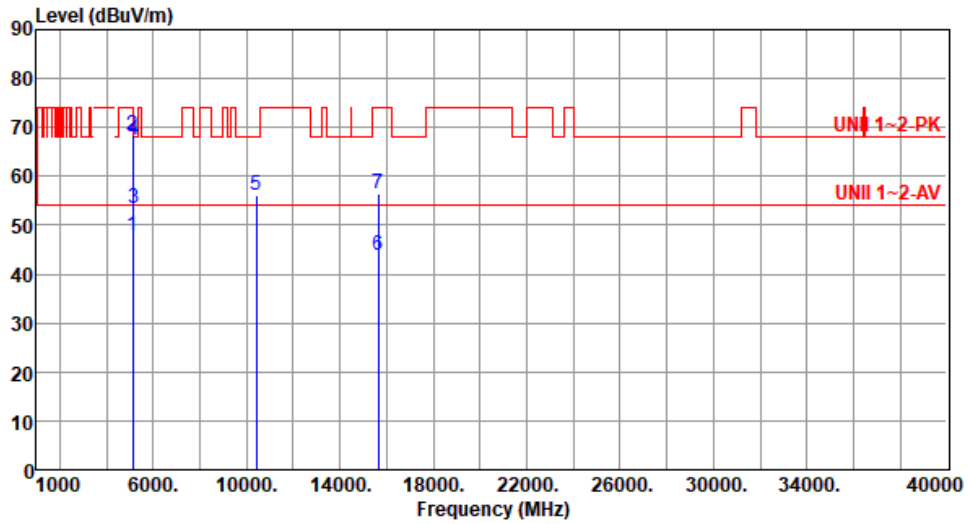
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Emissions (Above 1GHz) for ax HE80

Modulation	ax HE80	Test Freq. (MHz)	5210
Polarization	Horizontal		

Test By :Brad Wu      Temperature(°C):23      Humidity(%):66



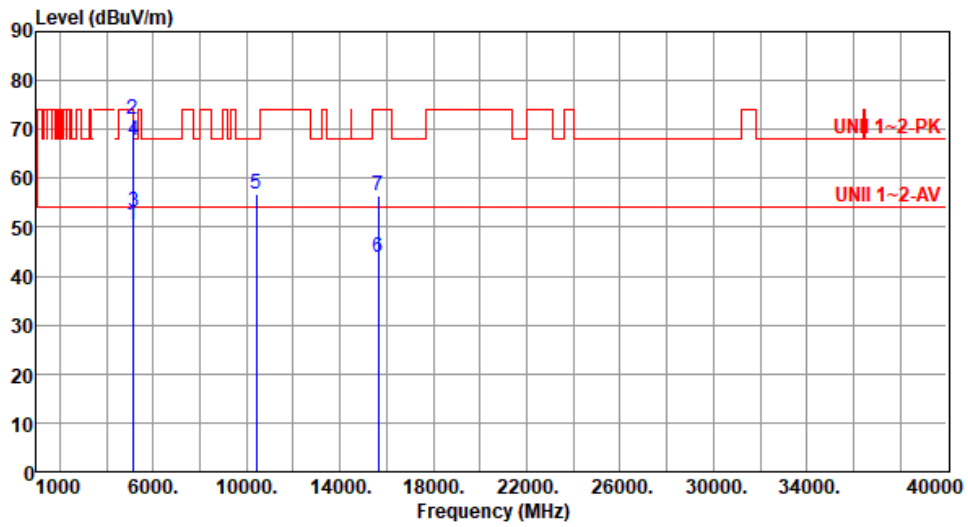
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5135.00	47.88	54.00	-6.12	47.64	0.24	Average	100	231
2	5135.00	68.54	74.00	-5.46	68.30	0.24	Peak	100	231
3	5150.00	53.51	54.00	-0.49	53.27	0.24	Average	100	231
4	5150.00	67.41	74.00	-6.59	67.17	0.24	Peak	100	231
5	10420.00	56.03	68.20	-12.17	48.83	7.20	Peak	100	137
6	15630.00	43.71	54.00	-10.29	39.78	3.93	Average	100	67
7	15630.00	56.47	74.00	-17.53	52.54	3.93	Peak	100	67

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)  
 \*Factor includes antenna factor , cable loss and amplifier gain  
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE80	Test Freq. (MHz)	5210
Polarization	Vertical		

Test By :Brad Wu      Temperature(°C):23      Humidity(%):66



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5135.00	50.62	54.00	-3.38	50.38	0.24	Average	100	329
2	5135.00	71.91	74.00	-2.09	71.67	0.24	Peak	100	329
3	5150.00	53.08	54.00	-0.92	52.84	0.24	Average	100	329
4	5150.00	67.87	74.00	-6.13	67.63	0.24	Peak	100	329
5	10420.00	56.95	68.20	-11.25	49.75	7.20	Peak	100	104
6	15630.00	43.77	54.00	-10.23	39.84	3.93	Average	100	135
7	15630.00	56.46	74.00	-17.54	52.53	3.93	Peak	100	135

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

\*Factor includes antenna factor , cable loss and amplifier gain

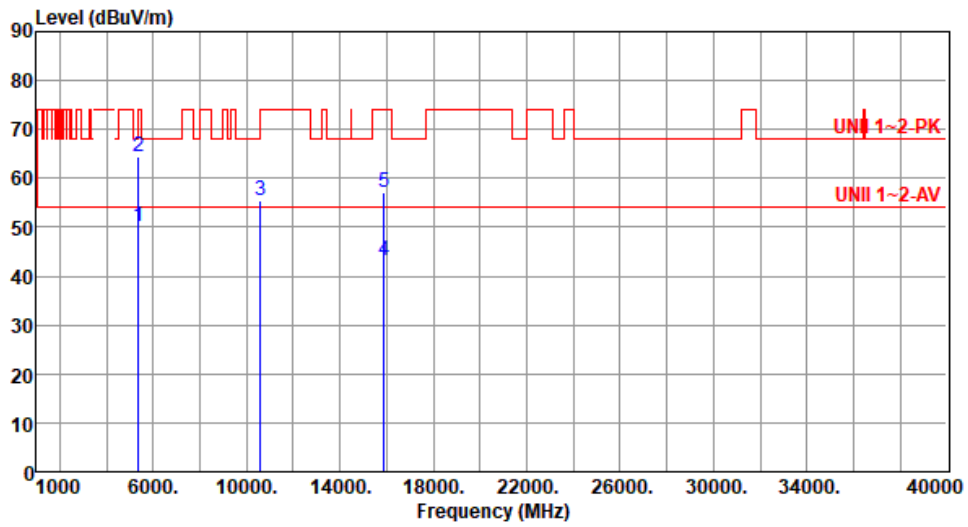
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).





Modulation	ax HE80	Test Freq. (MHz)	5290
Polarization	Horizontal		

Test By :Brad Wu      Temperature(°C):23      Humidity(%):66



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	50.26	54.00	-3.74	50.44	-0.18	Average	138	225
2	5350.00	64.42	74.00	-9.58	64.60	-0.18	Peak	138	225
3	10580.00	55.46	68.20	-12.74	48.22	7.24	Peak	100	202
4	15870.00	43.31	54.00	-10.69	39.20	4.11	Average	100	83
5	15870.00	57.11	74.00	-16.89	53.00	4.11	Peak	100	83

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

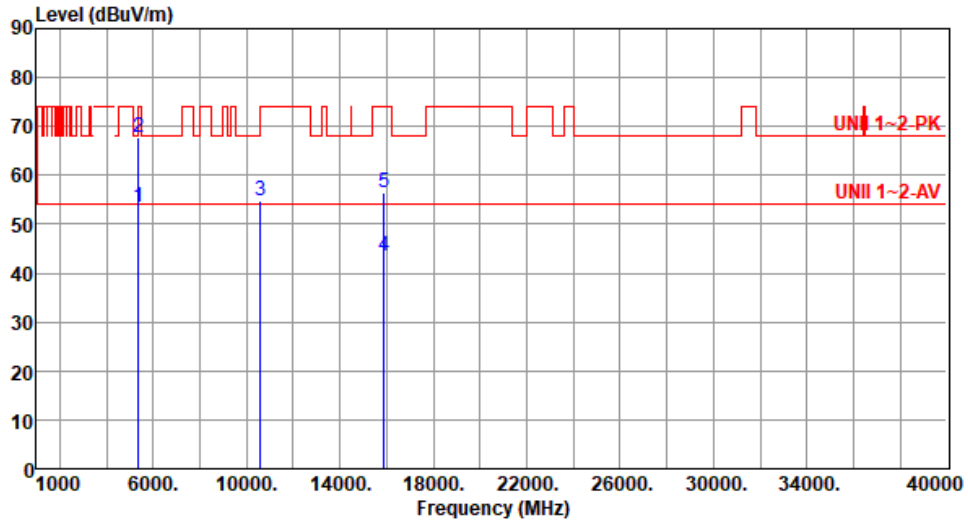
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE80	Test Freq. (MHz)	5290
Polarization	Vertical		

Test By :Brad Wu      Temperature(°C):23      Humidity(%):66



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	53.35	54.00	-0.65	53.53	-0.18	Average	100	21
2	5350.00	67.91	74.00	-6.09	68.09	-0.18	Peak	100	21
3	10580.00	54.89	68.20	-13.31	47.65	7.24	Peak	100	114
4	15870.00	43.66	54.00	-10.34	39.55	4.11	Average	100	54
5	15870.00	56.42	74.00	-17.58	52.31	4.11	Peak	100	54

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

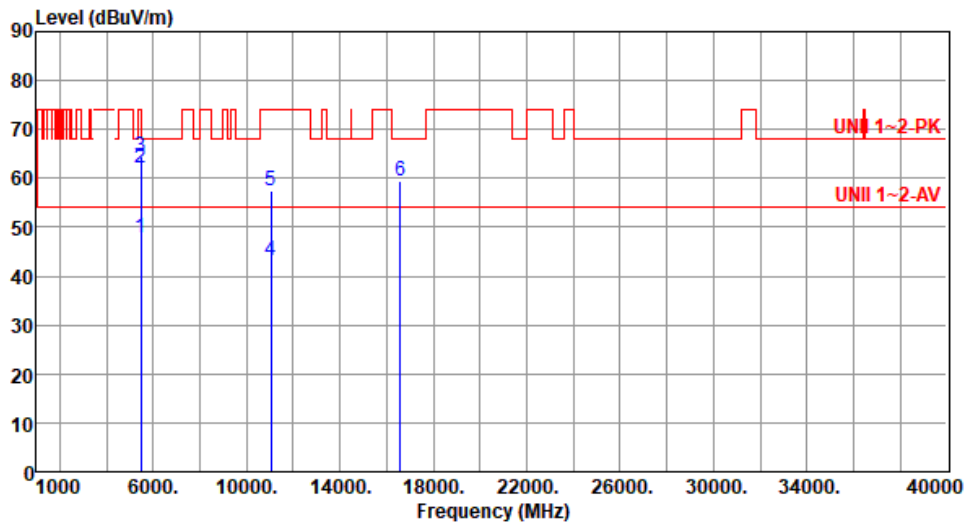
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE80	Test Freq. (MHz)	5530
Polarization	Horizontal		

Test By :Brad Wu      Temperature(°C):23      Humidity(%):66



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	47.94	54.00	-6.06	47.86	0.08	Average	127	65
2	5460.00	62.19	74.00	-11.81	62.11	0.08	Peak	127	65
3	5470.00	64.40	68.20	-3.80	64.31	0.09	Peak	127	65
4	11060.00	43.22	54.00	-10.78	35.82	7.40	Average	100	49
5	11060.00	57.37	74.00	-16.63	49.97	7.40	Peak	100	49
6	16590.00	59.46	68.20	-8.74	53.44	6.02	Peak	100	138

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

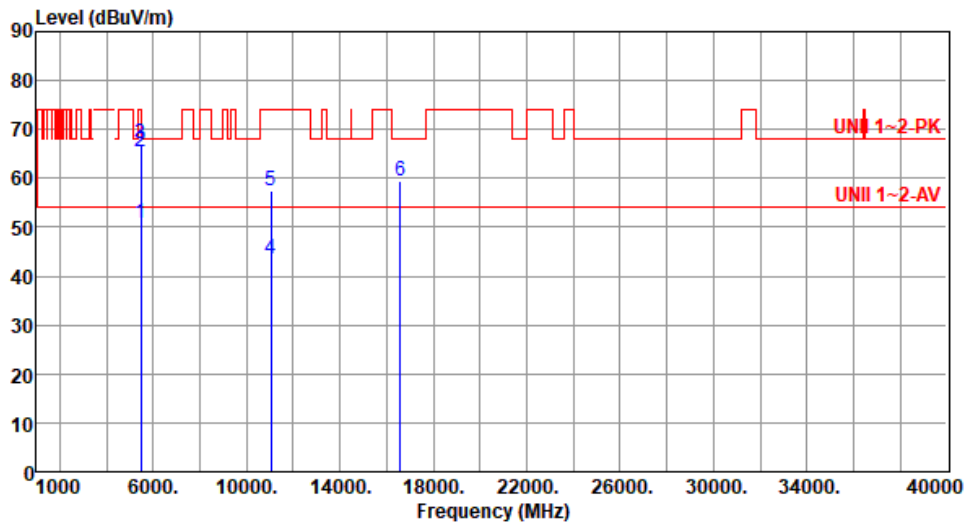
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE80	Test Freq. (MHz)	5530
Polarization	Vertical		

Test By :Brad Wu      Temperature(°C):23      Humidity(%):66



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	50.69	54.00	-3.31	50.61	0.08	Average	100	20
2	5460.00	65.53	74.00	-8.47	65.45	0.08	Peak	100	20
3	5470.00	66.95	68.20	-1.25	66.86	0.09	Peak	100	20
4	11060.00	43.39	54.00	-10.61	35.99	7.40	Average	100	106
5	11060.00	57.48	74.00	-16.52	50.08	7.40	Peak	100	106
6	16590.00	59.55	68.20	-8.65	53.53	6.02	Peak	100	164

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

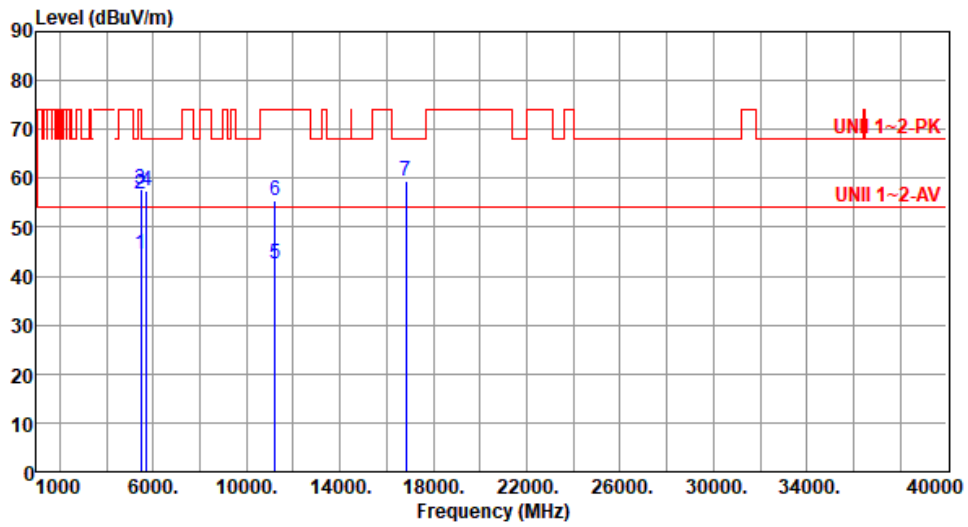
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE80	Test Freq. (MHz)	5610
Polarization	Horizontal		

Test By :Brad Wu      Temperature(°C):23      Humidity(%):66



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.66	54.00	-9.34	44.58	0.08	Average	132	67
2	5460.00	56.92	74.00	-17.08	56.84	0.08	Peak	132	67
3	5470.00	57.79	68.20	-10.41	57.70	0.09	Peak	132	67
4	5725.00	57.57	68.20	-10.63	56.98	0.59	Peak	132	67
5	11220.00	42.46	54.00	-11.54	35.67	6.79	Average	100	164
6	11220.00	55.34	74.00	-18.66	48.55	6.79	Peak	100	164
7	16830.00	59.29	68.20	-8.91	52.60	6.69	Peak	100	124

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

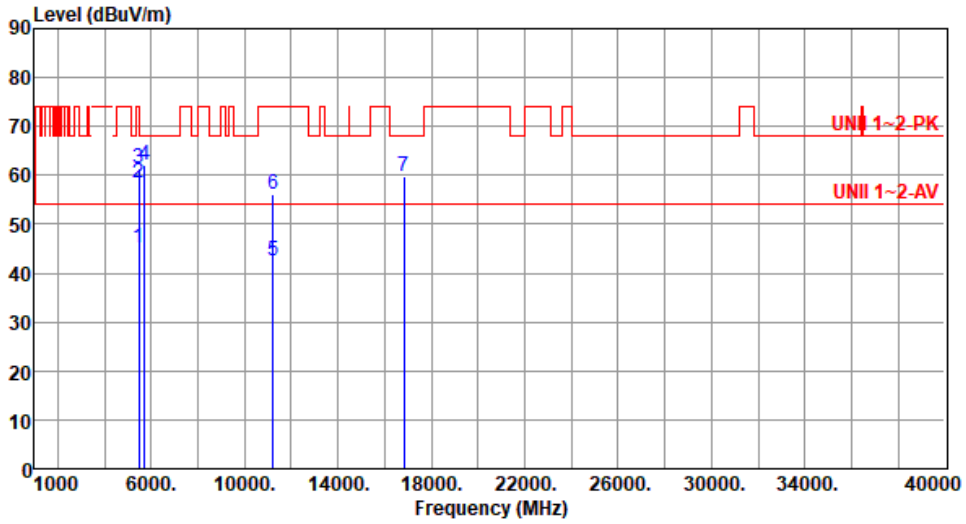
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE80	Test Freq. (MHz)	5610
Polarization	Vertical		

Test By :Brad Wu      Temperature(°C):23      Humidity(%):66



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	45.32	54.00	-8.68	45.24	0.08	Average	100	149
2	5460.00	58.60	74.00	-15.40	58.52	0.08	Peak	100	149
3	5470.00	61.50	68.20	-6.70	61.41	0.09	Peak	100	149
4	5725.00	62.23	68.20	-5.97	61.64	0.59	Peak	100	149
5	11220.00	42.56	54.00	-11.44	35.77	6.79	Average	100	67
6	11220.00	56.16	74.00	-17.84	49.37	6.79	Peak	100	67
7	16830.00	59.63	68.20	-8.57	52.94	6.69	Peak	100	127

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

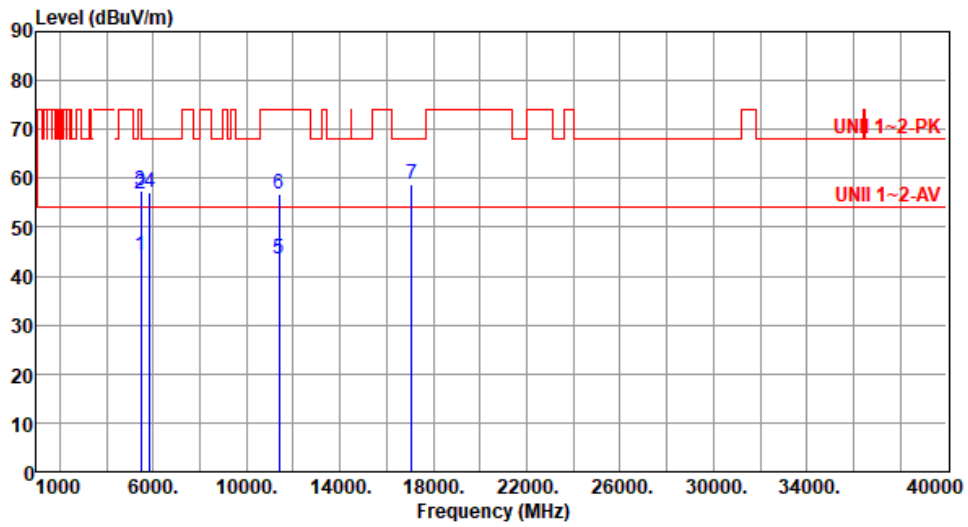
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE80	Test Freq. (MHz)	5690
Polarization	Horizontal		

Test By :Brad Wu      Temperature(°C):23      Humidity(%):66



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.28	54.00	-9.72	44.20	0.08	Average	134	68
2	5460.00	56.95	74.00	-17.05	56.87	0.08	Peak	134	68
3	5470.00	57.43	68.20	-10.77	57.34	0.09	Peak	134	68
4	5850.00	57.09	68.20	-11.11	56.21	0.88	Peak	134	68
5	11380.00	43.61	54.00	-10.39	36.56	7.05	Average	100	119
6	11380.00	56.84	74.00	-17.16	49.79	7.05	Peak	100	119
7	17070.00	58.69	68.20	-9.51	52.62	6.07	Peak	100	43

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

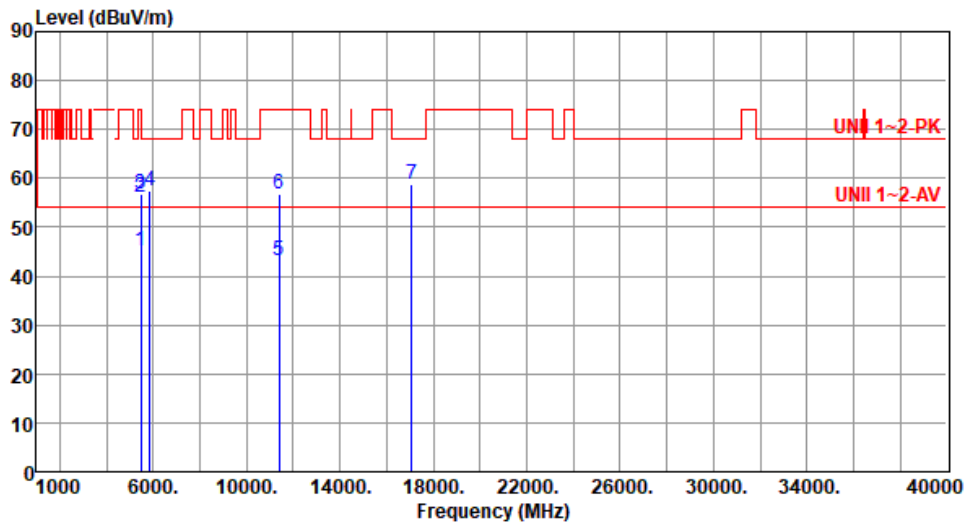
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE80	Test Freq. (MHz)	5690
Polarization	Vertical		

Test By :Brad Wu      Temperature(°C):23      Humidity(%):66



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	45.01	54.00	-8.99	44.93	0.08	Average	100	187
2	5460.00	56.26	74.00	-17.74	56.18	0.08	Peak	100	187
3	5470.00	56.83	68.20	-11.37	56.74	0.09	Peak	100	187
4	5850.00	57.29	68.20	-10.91	56.41	0.88	Peak	100	187
5	11380.00	43.25	54.00	-10.75	36.20	7.05	Average	100	137
6	11380.00	56.71	74.00	-17.29	49.66	7.05	Peak	100	137
7	17070.00	58.64	68.20	-9.56	52.57	6.07	Peak	100	89

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

\*Factor includes antenna factor , cable loss and amplifier gain

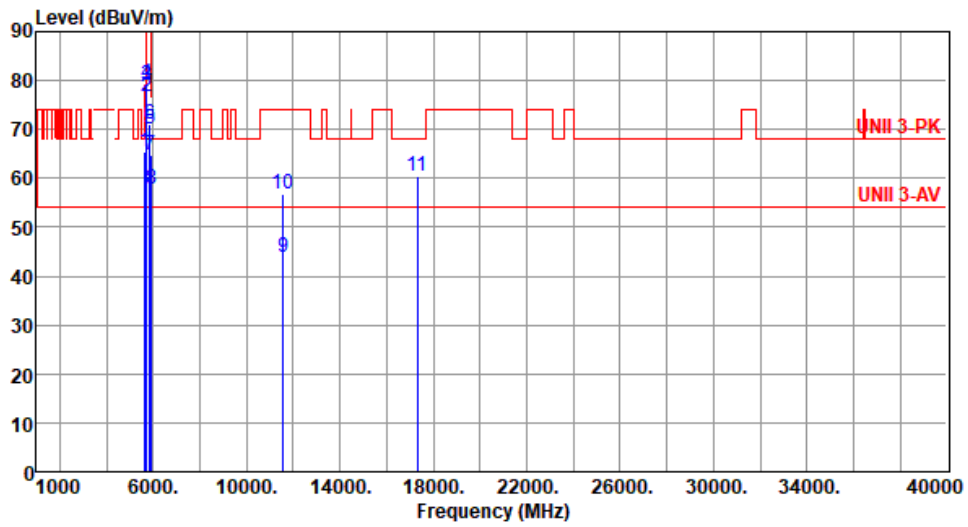
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).





Modulation	ax HE80	Test Freq. (MHz)	5775
Polarization	Horizontal		

Test By :Brad Wu      Temperature(°C):23      Humidity(%):66



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	65.40	68.20	-2.80	65.16	0.24	Peak	118	35
2	5700.00	76.76	105.20	-28.44	76.29	0.47	Peak	118	35
3	5720.00	79.15	110.80	-31.65	78.58	0.57	Peak	118	35
4	5725.00	79.45	122.20	-42.75	78.86	0.59	Peak	118	35
5	5850.00	69.99	122.20	-52.21	69.11	0.88	Peak	118	35
6	5855.00	71.04	110.80	-39.76	70.13	0.91	Peak	118	35
7	5875.00	64.92	105.20	-40.28	63.92	1.00	Peak	118	35
8	5925.00	57.64	68.20	-10.56	56.45	1.19	Peak	118	35
9	11550.00	43.68	54.00	-10.32	36.58	7.10	Average	100	95
10	11550.00	56.76	74.00	-17.24	49.66	7.10	Peak	100	95
11	17325.00	60.29	68.20	-7.91	54.17	6.12	Peak	100	206

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

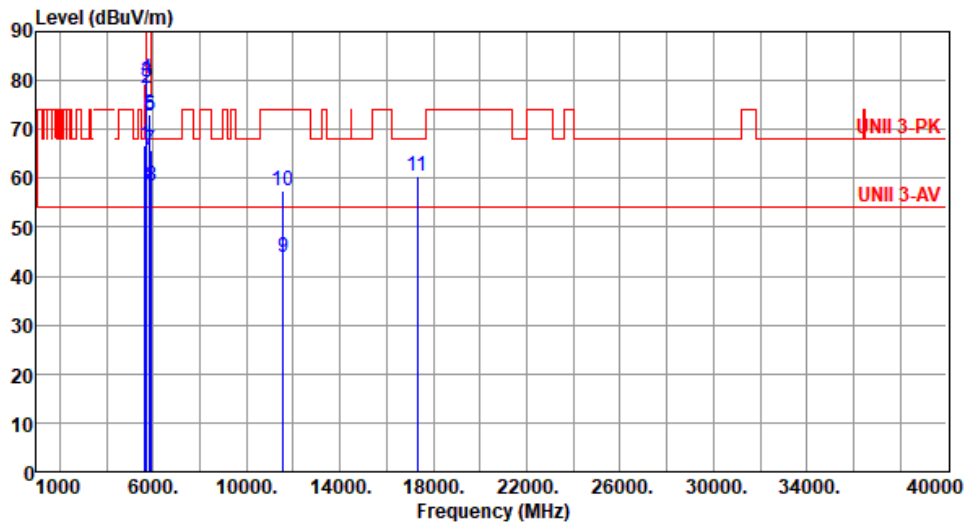
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE80	Test Freq. (MHz)	5775
Polarization	Vertical		

Test By :Brad Wu      Temperature(°C):23      Humidity(%):66



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	66.89	68.20	-1.31	66.65	0.24	Peak	100	186
2	5700.00	78.27	105.20	-26.93	77.80	0.47	Peak	100	186
3	5720.00	79.71	110.80	-31.09	79.14	0.57	Peak	100	186
4	5725.00	80.50	122.20	-41.70	79.91	0.59	Peak	100	186
5	5850.00	72.84	122.20	-49.36	71.96	0.88	Peak	100	186
6	5855.00	73.11	110.80	-37.69	72.20	0.91	Peak	100	186
7	5875.00	65.62	105.20	-39.58	64.62	1.00	Peak	100	186
8	5925.00	58.41	68.20	-9.79	57.22	1.19	Peak	100	186
9	11550.00	43.73	54.00	-10.27	36.63	7.10	Average	100	84
10	11550.00	57.49	74.00	-16.51	50.39	7.10	Peak	100	84
11	17325.00	60.44	68.20	-7.76	54.32	6.12	Peak	100	128

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Frequency: 5300 MHz	Frequency Drift (ppm)			
	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	-6.14	-6.91	-6.95	-7.78
T20°CVmin	-6.07	-6.74	-7.06	-7.76
T40°CVnom	-13.91	-14.25	-14.88	-15.12
T30°CVnom	-10.06	-9.67	-10.42	-11.35
T20°CVnom	-5.87	-6.71	-7.26	-7.57
T10°CVnom	-2.10	-2.38	-5.88	-7.33
T0°CVnom	-0.03	-1.99	-5.87	-6.14
Vnom [V]: 120	Vmax [V]: 138		Vmin [V]: 102	
Tnom [°C]: 20	Tmax [°C]: 40		Tmin [°C]: 0	

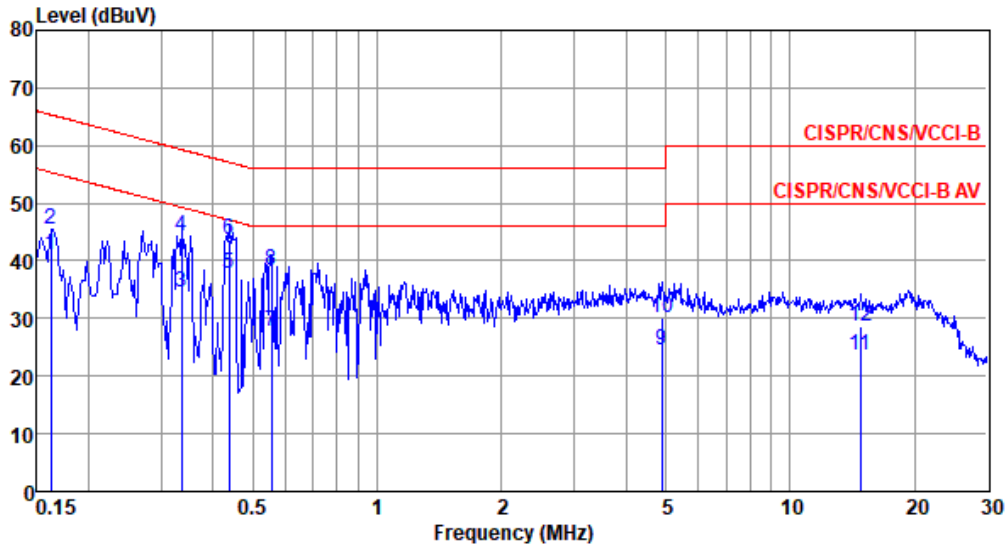
Frequency: 5785 MHz	Frequency Drift (ppm)			
	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	-5.69	-6.74	-7.52	-8.28
T20°CVmin	-5.83	-6.86	-7.70	-8.29
T40°CVnom	-9.92	-10.00	-10.07	-10.17
T30°CVnom	-9.65	-9.70	-9.94	-10.02
T20°CVnom	-5.90	-6.87	-7.69	-8.38
T10°CVnom	-0.07	-1.99	-4.92	-6.90
T0°CVnom	0.20	-2.12	-5.26	-6.71
Vnom [V]: 120	Vmax [V]: 138		Vmin [V]: 102	
Tnom [°C]: 20	Tmax [°C]: 40		Tmin [°C]: 0	



Non-beamforming mode

Modulation Mode	ax HE40	Test Freq. (MHz)	5230
Power Phase	Line		

Test by : Joe Liao      Temperature: 24°C      Humidity: 62%



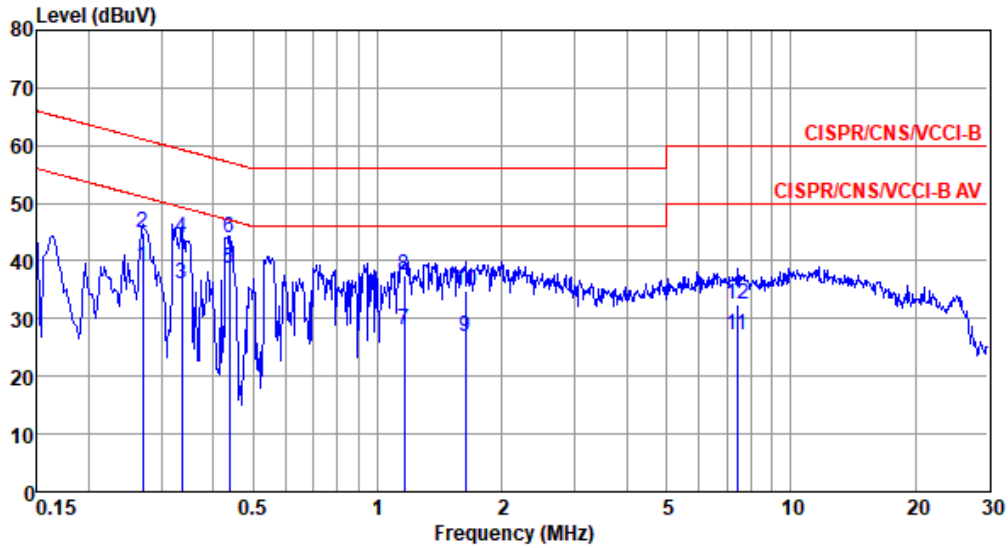
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.162	41.18	55.34	-14.16	31.31	9.63	0.06	0.18	Average
2	0.162	45.56	65.34	-19.78	35.69	9.63	0.06	0.18	QP
3	0.336	34.44	49.31	-14.87	24.49	9.62	0.06	0.27	Average
4	0.336	44.20	59.31	-15.11	34.25	9.62	0.06	0.27	QP
5*	0.437	37.92	47.11	-9.19	27.94	9.62	0.06	0.30	Average
6	0.437	43.56	57.11	-13.55	33.58	9.62	0.06	0.30	QP
7	0.555	27.62	46.00	-18.38	17.61	9.62	0.08	0.31	Average
8	0.555	38.27	56.00	-17.73	28.26	9.62	0.08	0.31	QP
9	4.900	24.61	46.00	-21.39	14.31	9.66	0.22	0.42	Average
10	4.900	30.24	56.00	-25.76	19.94	9.66	0.22	0.42	QP
11	14.828	23.66	50.00	-26.34	13.05	9.68	0.44	0.49	Average
12	14.828	28.57	60.00	-31.43	17.96	9.68	0.44	0.49	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



Modulation Mode	ax HE40	Test Freq. (MHz)	5230
Power Phase	Neutral		

Test by : Joe Liao      Temperature: 24°C      Humidity: 62%



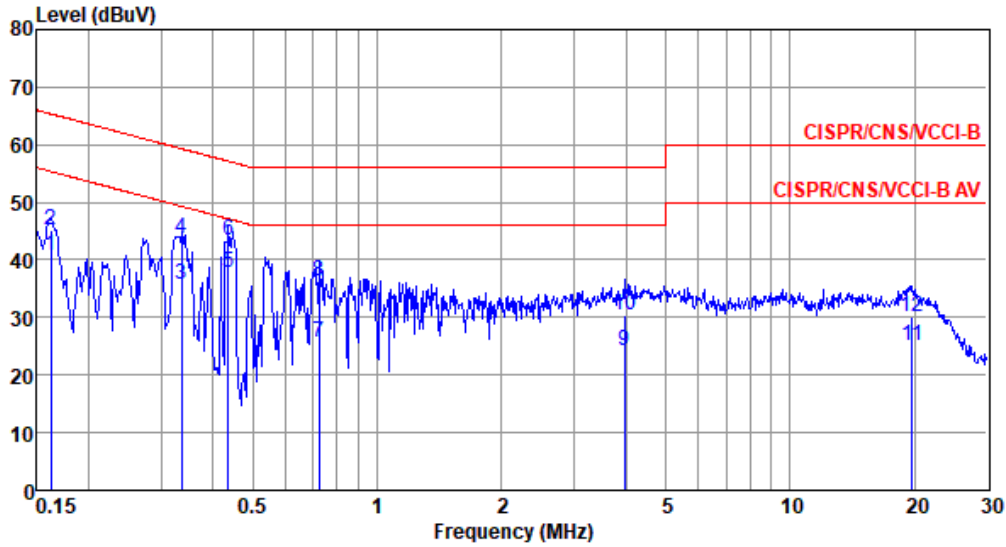
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.270	39.02	51.12	-12.10	29.09	9.63	0.06	0.24	Average
2	0.270	45.00	61.12	-16.12	35.07	9.63	0.06	0.24	QP
3	0.336	35.92	49.31	-13.39	25.97	9.62	0.06	0.27	Average
4	0.336	43.97	59.31	-15.34	34.02	9.62	0.06	0.27	QP
5*	0.437	38.57	47.11	-8.54	28.59	9.62	0.06	0.30	Average
6	0.437	43.93	57.11	-13.18	33.95	9.62	0.06	0.30	QP
7	1.160	27.95	46.00	-18.05	17.87	9.63	0.11	0.34	Average
8	1.160	37.55	56.00	-18.45	27.47	9.63	0.11	0.34	QP
9	1.628	26.72	46.00	-19.28	16.61	9.64	0.12	0.35	Average
10	1.628	34.77	56.00	-21.23	24.66	9.64	0.12	0.35	QP
11	7.407	27.19	50.00	-22.81	16.77	9.69	0.30	0.43	Average
12	7.407	32.58	60.00	-27.42	22.16	9.69	0.30	0.43	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 Note 2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).



Modulation Mode	ax HE40	Test Freq. (MHz)	5795
Power Phase	Line		

Test by : Joe Liao      Temperature: 24°C      Humidity: 62%



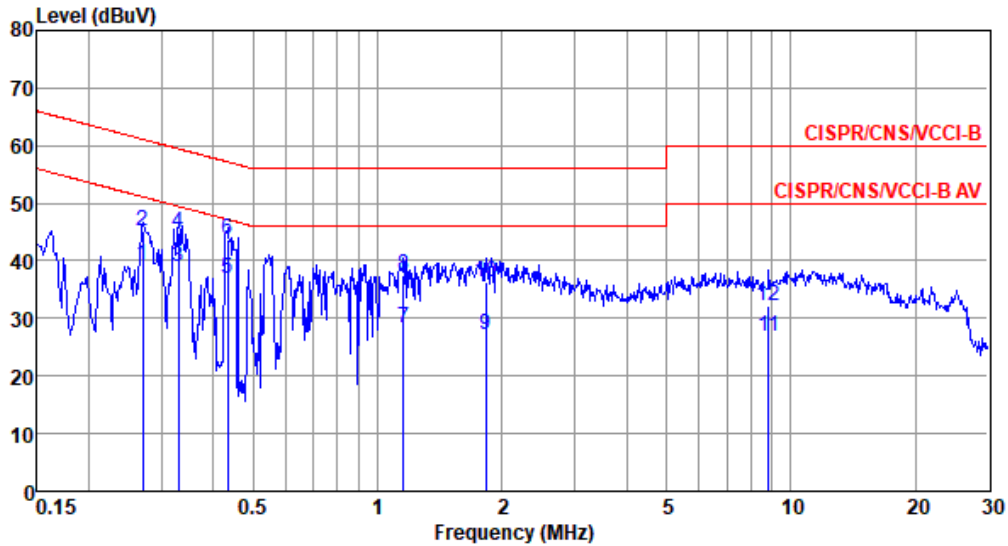
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.162	40.73	55.34	-14.61	30.86	9.63	0.06	0.18	Average
2	0.162	45.02	65.34	-20.32	35.15	9.63	0.06	0.18	QP
3	0.336	35.73	49.31	-13.58	25.78	9.62	0.06	0.27	Average
4	0.336	43.84	59.31	-15.47	33.89	9.62	0.06	0.27	QP
5*	0.435	37.64	47.15	-9.51	27.66	9.62	0.06	0.30	Average
6	0.435	43.51	57.15	-13.64	33.53	9.62	0.06	0.30	QP
7	0.724	25.73	46.00	-20.27	15.69	9.63	0.09	0.32	Average
8	0.724	36.24	56.00	-19.76	26.20	9.63	0.09	0.32	QP
9	3.964	24.28	46.00	-21.72	14.03	9.65	0.18	0.42	Average
10	3.964	30.44	56.00	-25.56	20.19	9.65	0.18	0.42	QP
11	19.740	25.00	50.00	-25.00	14.29	9.68	0.51	0.52	Average
12	19.740	30.11	60.00	-29.89	19.40	9.68	0.51	0.52	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



Modulation Mode	ax HE40	Test Freq. (MHz)	5795
Power Phase	Neutral		

Test by : Joe Liao      Temperature: 24°C      Humidity: 62%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.270	39.21	51.12	-11.91	29.28	9.63	0.06	0.24	Average
2	0.270	45.13	61.12	-15.99	35.20	9.63	0.06	0.24	QP
3	0.330	38.82	49.44	-10.62	28.87	9.62	0.06	0.27	Average
4	0.330	44.76	59.44	-14.68	34.81	9.62	0.06	0.27	QP
5*	0.433	36.82	47.20	-10.38	26.84	9.62	0.06	0.30	Average
6	0.433	43.65	57.20	-13.55	33.67	9.62	0.06	0.30	QP
7	1.153	28.32	46.00	-17.68	18.24	9.63	0.11	0.34	Average
8	1.153	37.44	56.00	-18.56	27.36	9.63	0.11	0.34	QP
9	1.829	27.12	46.00	-18.88	16.99	9.64	0.13	0.36	Average
10	1.829	36.25	56.00	-19.75	26.12	9.64	0.13	0.36	QP
11	8.822	26.86	50.00	-23.14	16.38	9.70	0.34	0.44	Average
12	8.822	32.28	60.00	-27.72	21.80	9.70	0.34	0.44	QP

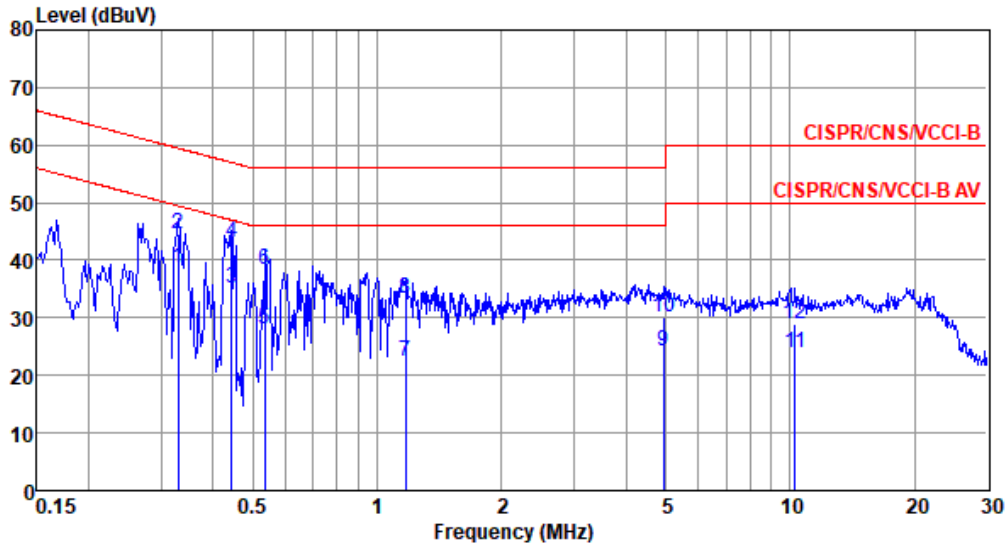
Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 Note 2: Over Limit (dB) = Level (dBUV) - Limit Line (dBUV).



Beamforming mode

Modulation Mode	ax HE40	Test Freq. (MHz)	5230
Power Phase	Line		

Test by : Joe Liao      Temperature: 24°C      Humidity: 62%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1*	0.330	38.79	49.44	-10.65	28.84	9.62	0.06	0.27	Average
2	0.330	44.59	59.44	-14.85	34.64	9.62	0.06	0.27	QP
3	0.444	35.23	46.98	-11.75	25.24	9.62	0.07	0.30	Average
4	0.444	43.08	56.98	-13.90	33.09	9.62	0.07	0.30	QP
5	0.535	27.92	46.00	-18.08	17.91	9.62	0.08	0.31	Average
6	0.535	38.49	56.00	-17.51	28.48	9.62	0.08	0.31	QP
7	1.172	22.50	46.00	-23.50	12.42	9.63	0.11	0.34	Average
8	1.172	33.49	56.00	-22.51	23.41	9.63	0.11	0.34	QP
9	4.926	24.28	46.00	-21.72	13.98	9.66	0.22	0.42	Average
10	4.926	30.16	56.00	-25.84	19.86	9.66	0.22	0.42	QP
11	10.288	23.76	50.00	-26.24	13.26	9.69	0.37	0.44	Average
12	10.288	28.87	60.00	-31.13	18.37	9.69	0.37	0.44	QP

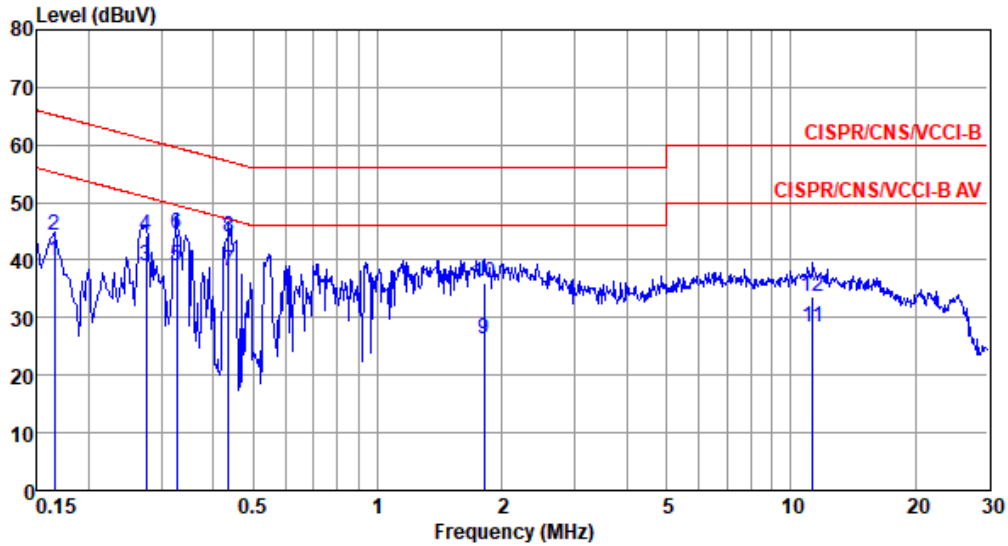
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 Note 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).





Modulation Mode	ax HE40	Test Freq. (MHz)	5230
Power Phase	Neutral		

Test by : Joe Liao      Temperature: 24°C      Humidity: 62%



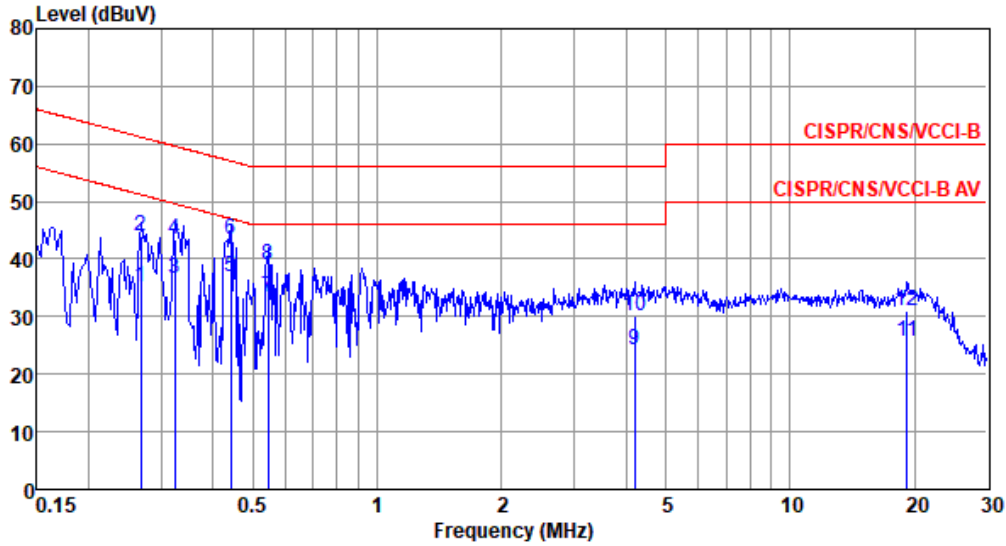
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.165	39.90	55.21	-15.31	30.03	9.63	0.06	0.18	Average
2	0.165	44.31	65.21	-20.90	34.44	9.63	0.06	0.18	QP
3	0.276	38.97	50.94	-11.97	29.04	9.63	0.06	0.24	Average
4	0.276	44.27	60.94	-16.67	34.34	9.63	0.06	0.24	QP
5	0.327	39.01	49.53	-10.52	29.06	9.62	0.06	0.27	Average
6	0.327	44.62	59.53	-14.91	34.67	9.62	0.06	0.27	QP
7*	0.435	38.05	47.15	-9.10	28.07	9.62	0.06	0.30	Average
8	0.435	43.89	57.15	-13.26	33.91	9.62	0.06	0.30	QP
9	1.810	26.28	46.00	-19.72	16.15	9.64	0.13	0.36	Average
10	1.810	35.91	56.00	-20.09	25.78	9.64	0.13	0.36	QP
11	11.317	28.38	50.00	-21.62	17.81	9.73	0.38	0.46	Average
12	11.317	33.56	60.00	-26.44	22.99	9.73	0.38	0.46	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



Modulation Mode	ax HE20	Test Freq. (MHz)	5745
Power Phase	Line		

Test by : Joe Liao      Temperature: 24°C      Humidity: 62%



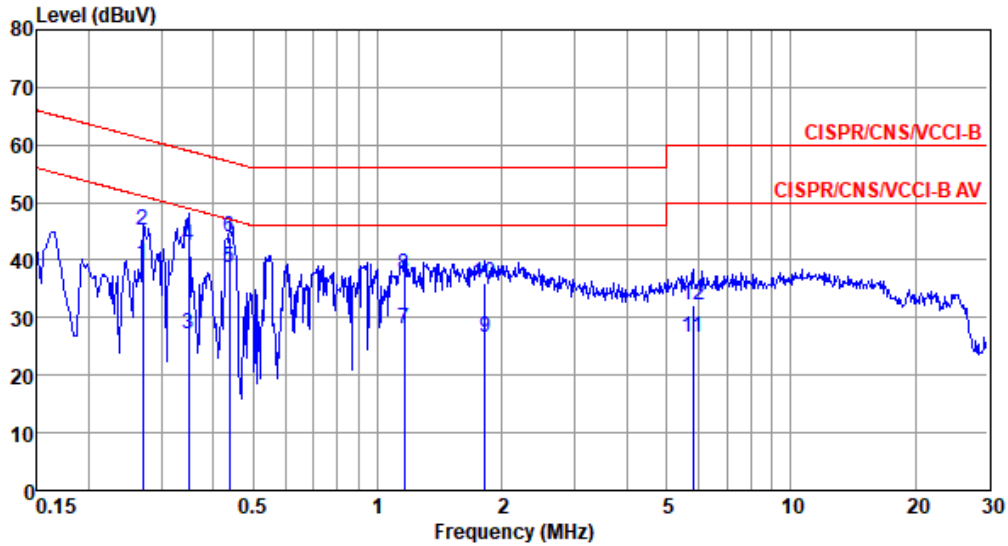
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.267	35.03	51.20	-16.17	25.11	9.62	0.06	0.24	Average
2	0.267	43.87	61.20	-17.33	33.95	9.62	0.06	0.24	QP
3	0.323	36.68	49.62	-12.94	26.73	9.62	0.06	0.27	Average
4	0.323	43.39	59.62	-16.23	33.44	9.62	0.06	0.27	QP
5*	0.442	36.89	47.02	-10.13	26.90	9.62	0.07	0.30	Average
6	0.442	43.37	57.02	-13.65	33.38	9.62	0.07	0.30	QP
7	0.544	33.47	46.00	-12.53	23.46	9.62	0.08	0.31	Average
8	0.544	39.10	56.00	-16.90	29.09	9.62	0.08	0.31	QP
9	4.202	24.30	46.00	-21.70	14.04	9.65	0.19	0.42	Average
10	4.202	30.22	56.00	-25.78	19.96	9.65	0.19	0.42	QP
11	19.224	25.76	50.00	-24.24	15.06	9.68	0.50	0.52	Average
12	19.224	30.89	60.00	-29.11	20.19	9.68	0.50	0.52	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



Modulation Mode	ax HE20	Test Freq. (MHz)	5745
Power Phase	Neutral		

Test by : Joe Liao      Temperature: 24°C      Humidity: 62%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.270	39.21	51.12	-11.91	29.28	9.63	0.06	0.24	Average
2	0.270	45.08	61.12	-16.04	35.15	9.63	0.06	0.24	QP
3	0.348	27.22	49.00	-21.78	17.26	9.62	0.06	0.28	Average
4	0.348	42.37	59.00	-16.63	32.41	9.62	0.06	0.28	QP
5*	0.437	38.78	47.11	-8.33	28.80	9.62	0.06	0.30	Average
6	0.437	43.84	57.11	-13.27	33.86	9.62	0.06	0.30	QP
7	1.160	28.17	46.00	-17.83	18.09	9.63	0.11	0.34	Average
8	1.160	37.51	56.00	-18.49	27.43	9.63	0.11	0.34	QP
9	1.819	26.50	46.00	-19.50	16.37	9.64	0.13	0.36	Average
10	1.819	35.89	56.00	-20.11	25.76	9.64	0.13	0.36	QP
11	5.805	26.70	50.00	-23.30	16.35	9.67	0.25	0.43	Average
12	5.805	32.16	60.00	-27.84	21.81	9.67	0.25	0.43	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 Note 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).