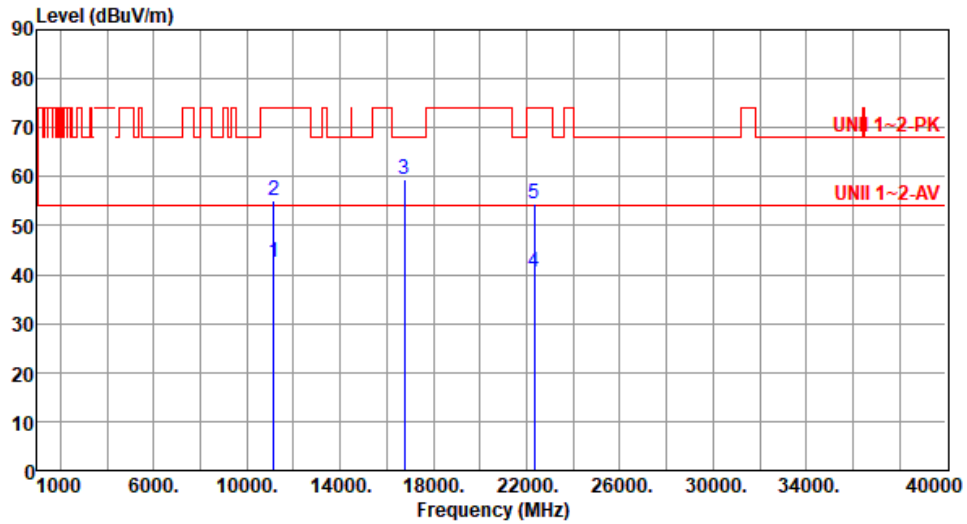




Modulation	ax HE20 RU106	Test Freq. (MHz)	5580
Polarization	Horizontal		

Test By : Paul Lin      Temperature(°C): 26      Humidity(%): 61



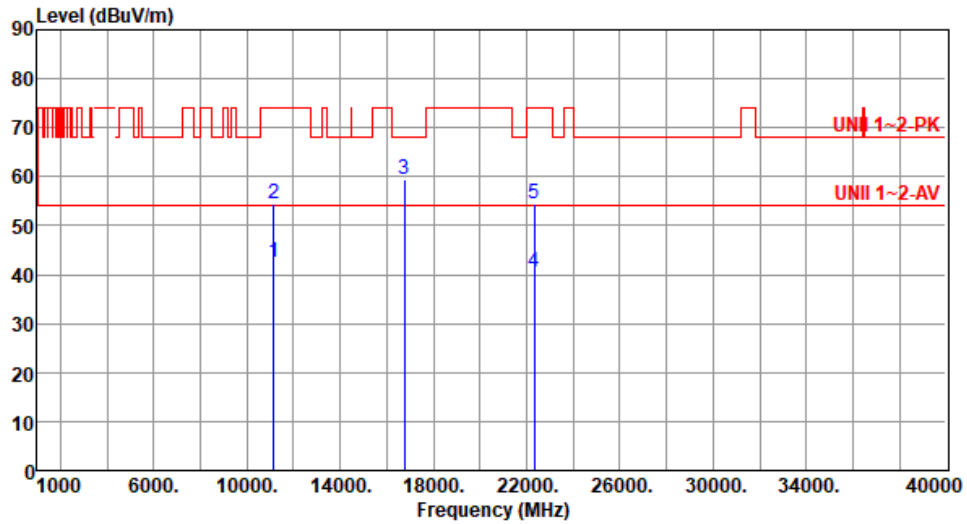
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11160.00	42.56	54.00	-11.44	35.37	7.19	Average	100	33
2	11160.00	55.07	74.00	-18.93	47.88	7.19	Peak	100	33
3	16740.00	59.37	68.20	-8.83	52.31	7.06	Peak	100	137
4	22320.00	40.58	54.00	-13.42	35.46	5.12	Average	100	176
5	22320.00	54.55	74.00	-19.45	49.43	5.12	Peak	100	176

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 HE20 RU106	Test Freq. (MHz)	5580
Polarization	Vertical		

Test By : Paul Lin      Temperature(°C): 26      Humidity(%): 61



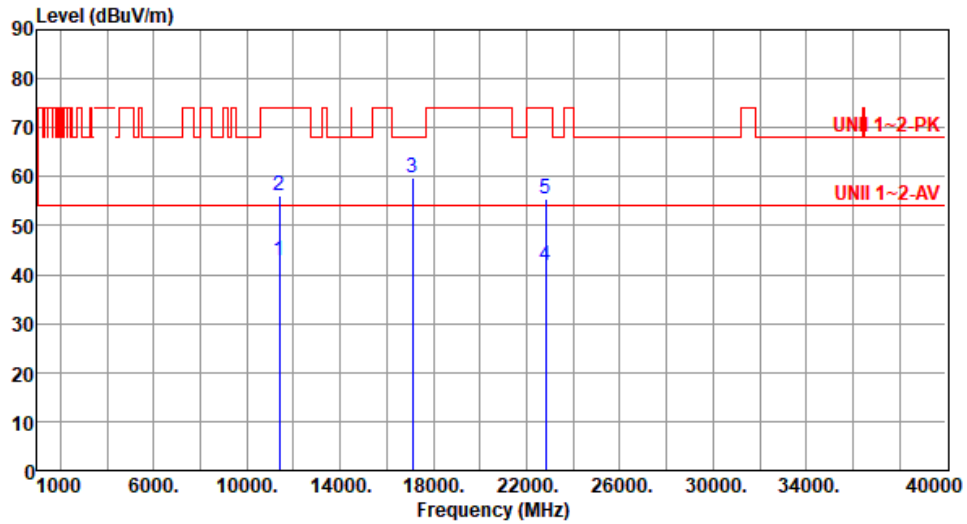
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11160.00	42.52	54.00	-11.48	35.33	7.19	Average	100	306
2	11160.00	54.36	74.00	-19.64	47.17	7.19	Peak	100	306
3	16740.00	59.48	68.20	-8.72	52.42	7.06	Peak	100	67
4	22320.00	40.60	54.00	-13.40	35.48	5.12	Average	100	176
5	22320.00	54.60	74.00	-19.40	49.48	5.12	Peak	100	176

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 HE20 RU106	Test Freq. (MHz)	5700
Polarization	Horizontal		

Test By : Paul Lin      Temperature(°C): 26      Humidity(%): 61



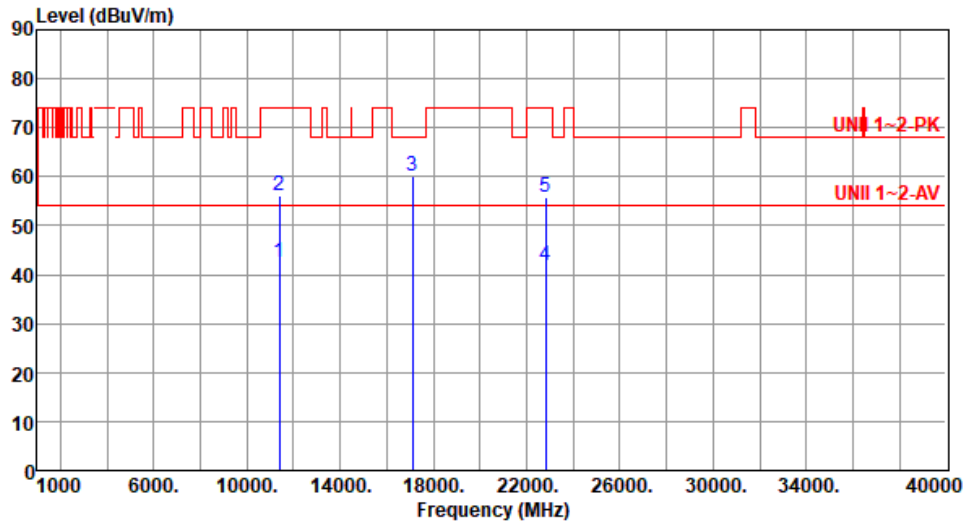
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11400.00	42.84	54.00	-11.16	35.55	7.29	Average	100	89
2	11400.00	56.13	74.00	-17.87	48.84	7.29	Peak	100	89
3	17100.00	59.89	68.20	-8.31	53.26	6.63	Peak	100	128
4	22800.00	41.81	54.00	-12.19	35.62	6.19	Average	100	178
5	22800.00	55.52	74.00	-18.48	49.33	6.19	Peak	100	178

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 HE20 RU106	Test Freq. (MHz)	5700
Polarization	Vertical		

Test By : Paul Lin      Temperature(°C): 26      Humidity(%): 61



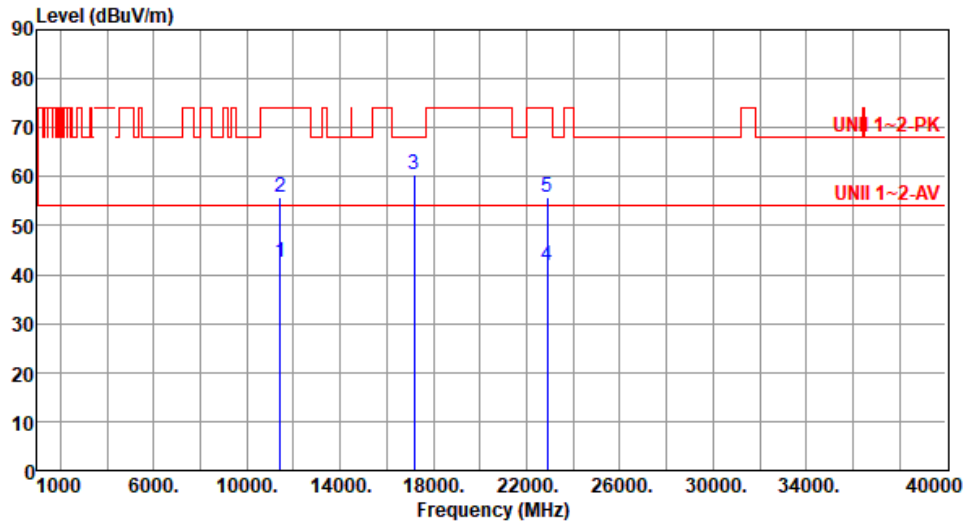
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11400.00	42.67	54.00	-11.33	35.38	7.29	Average	100	73
2	11400.00	56.19	74.00	-17.81	48.90	7.29	Peak	100	73
3	17100.00	60.18	68.20	-8.02	53.55	6.63	Peak	100	28
4	22800.00	41.81	54.00	-12.19	35.62	6.19	Average	100	176
5	22800.00	55.70	74.00	-18.30	49.51	6.19	Peak	100	176

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 HE20 RU106	Test Freq. (MHz)	5720
Polarization	Horizontal		

Test By :Paul Lin      Temperature(°C):26      Humidity(%):61



	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	11440.00	42.56	54.00	-11.44	35.21	7.35	Average	100	72
2	11440.00	55.76	74.00	-18.24	48.41	7.35	Peak	100	72
3	17160.00	60.54	68.20	-7.66	53.80	6.74	Peak	100	121
4	22880.00	41.80	54.00	-12.20	35.47	6.33	Average	100	156
5	22880.00	55.67	74.00	-18.33	49.34	6.33	Peak	100	156

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

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

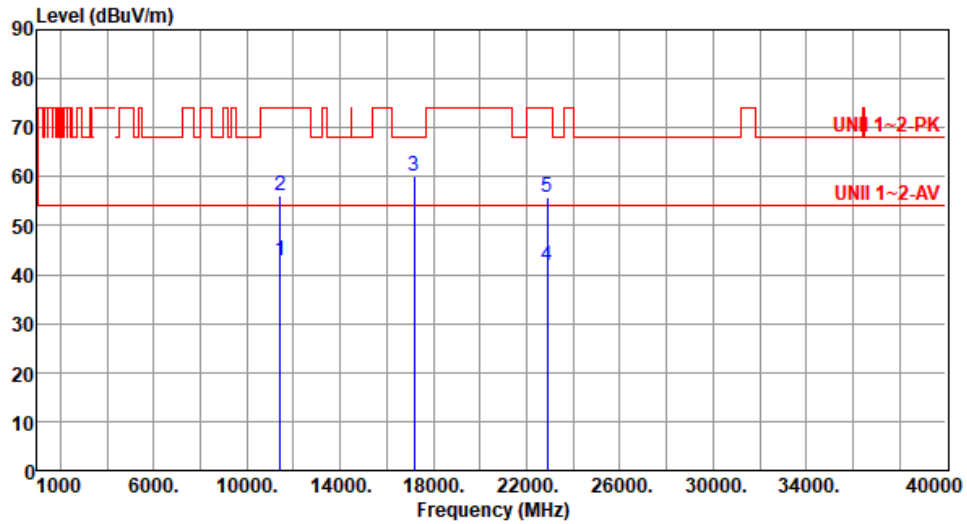
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE20 RU106	Test Freq. (MHz)	5720
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Polarization	Vertical
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Test By : Paul Lin      Temperature(°C): 26      Humidity(%): 61



	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	11440.00	42.72	54.00	-11.28	35.37	7.35	Average	100	69
2	11440.00	56.24	74.00	-17.76	48.89	7.35	Peak	100	69
3	17160.00	60.25	68.20	-7.95	53.51	6.74	Peak	100	134
4	22880.00	41.78	54.00	-12.22	35.45	6.33	Average	100	177
5	22880.00	55.68	74.00	-18.32	49.35	6.33	Peak	100	177

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

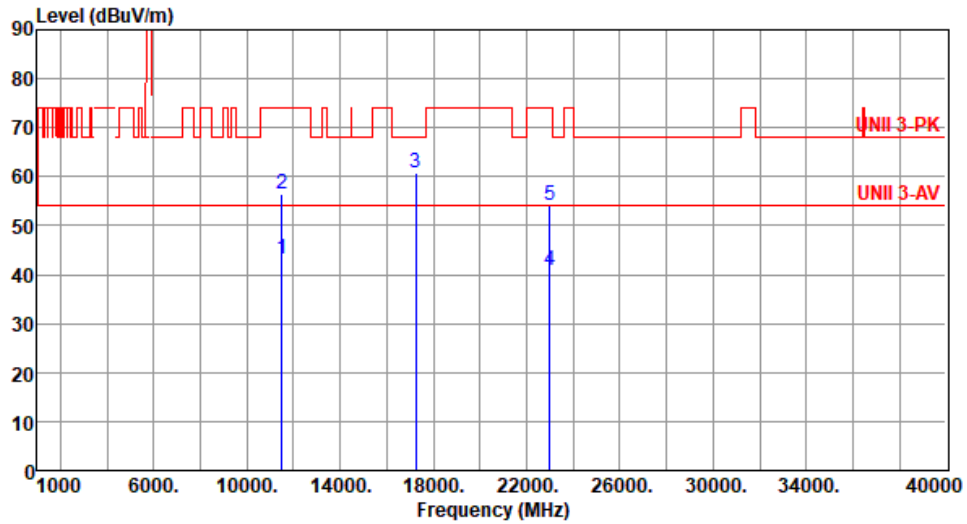
\*Factor includes antenna factor , cable loss and amplifier gain

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



Modulation	ax HE20 RU106	Test Freq. (MHz)	5745
Polarization	Horizontal		

Test By : Paul Lin      Temperature(°C): 26      Humidity(%): 61



	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	11490.00	43.27	54.00	-10.73	35.84	7.43	Average	100	109
2	11490.00	56.31	74.00	-17.69	48.88	7.43	Peak	100	109
3	17235.00	60.72	68.20	-7.48	53.94	6.78	Peak	100	139
4	22980.00	40.75	54.00	-13.25	34.22	6.53	Average	100	176
5	22980.00	54.15	74.00	-19.85	47.62	6.53	Peak	100	176

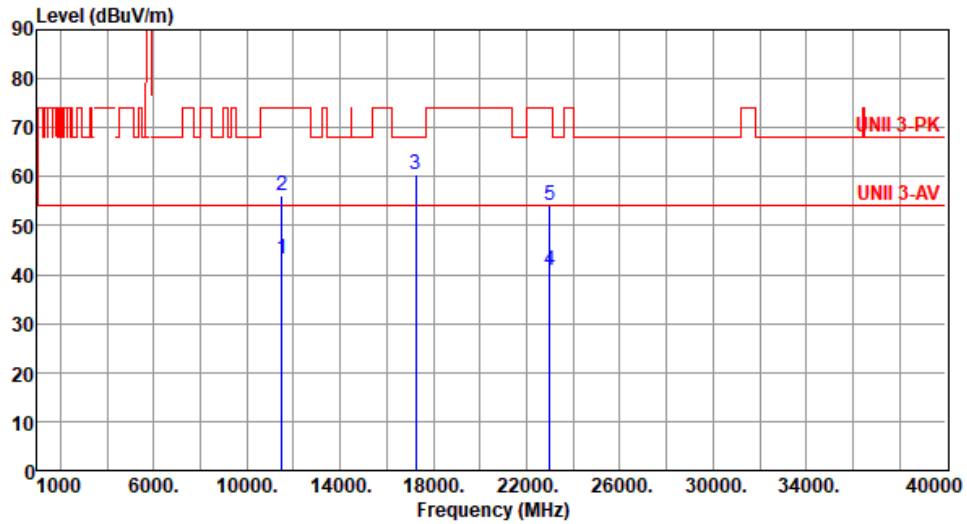
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)  
 \*Factor includes antenna factor , cable loss and amplifier gain  
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE20 RU106	Test Freq. (MHz)	5745
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Polarization	Vertical
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Test By : Paul Lin      Temperature(°C):26      Humidity(%):61



	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	11490.00	43.12	54.00	-10.88	35.69	7.43	Average	100	17
2	11490.00	56.21	74.00	-17.79	48.78	7.43	Peak	100	17
3	17235.00	60.32	68.20	-7.88	53.54	6.78	Peak	100	73
4	22980.00	40.76	54.00	-13.24	34.23	6.53	Average	100	175
5	22980.00	54.04	74.00	-19.96	47.51	6.53	Peak	100	175

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

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

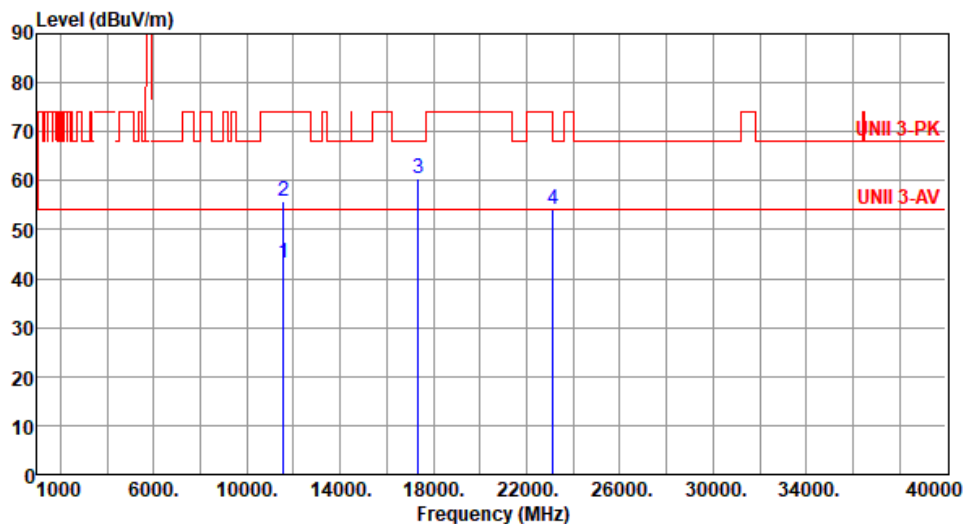
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).





Modulation	ax HE20 RU106	Test Freq. (MHz)	5785
Polarization	Horizontal		

Test By :Paul Lin      Temperature(°C):26      Humidity(%):61



	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	11570.00	43.26	54.00	-10.74	36.03	7.23	Average	100	149
2	11570.00	55.79	74.00	-18.21	48.56	7.23	Peak	100	149
3	17355.00	60.39	68.20	-7.81	53.46	6.93	Peak	100	51
4	23140.00	54.03	68.20	-14.17	47.42	6.61	Peak	100	203

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

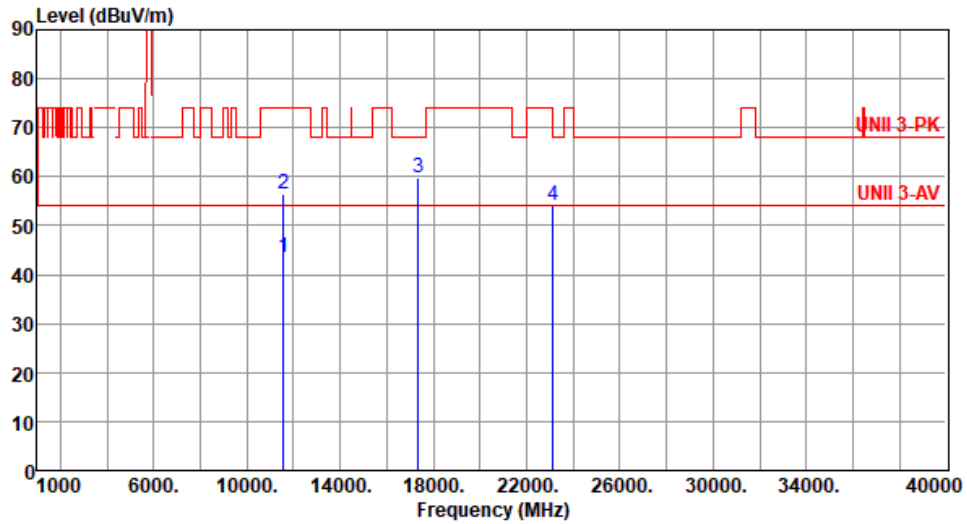
\*Factor includes antenna factor , cable loss and amplifier gain

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



Modulation	ax HE20 RU106	Test Freq. (MHz)	5785
Polarization	Vertical		

Test By : Paul Lin      Temperature(°C): 26      Humidity(%): 61



	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	11570.00	43.41	54.00	-10.59	36.18	7.23	Average	100	37
2	11570.00	56.58	74.00	-17.42	49.35	7.23	Peak	100	37
3	17355.00	59.86	68.20	-8.34	52.93	6.93	Peak	100	94
4	23140.00	53.97	68.20	-14.23	47.36	6.61	Peak	100	141

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

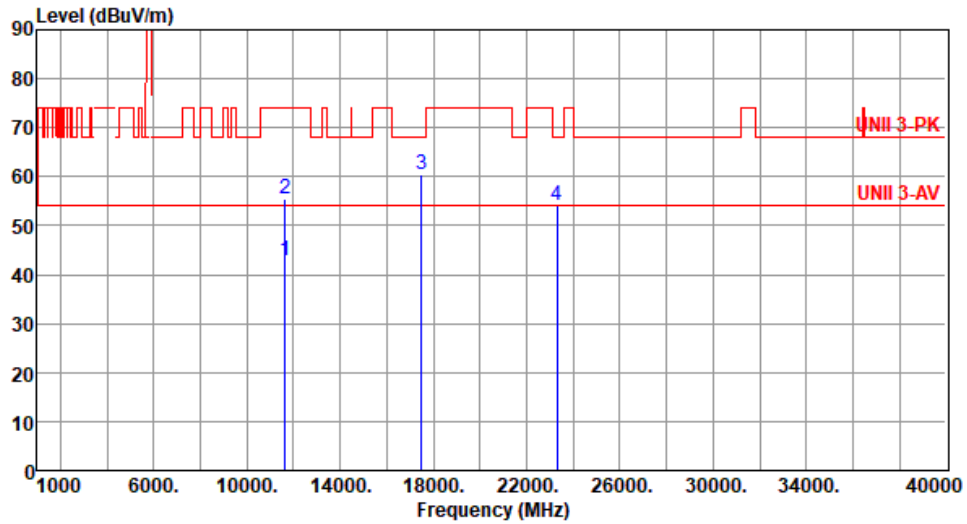
\*Factor includes antenna factor , cable loss and amplifier gain

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



Modulation	ax HE20 RU106	Test Freq. (MHz)	5825
Polarization	Horizontal		

Test By : Paul Lin      Temperature(°C): 26      Humidity(%): 61



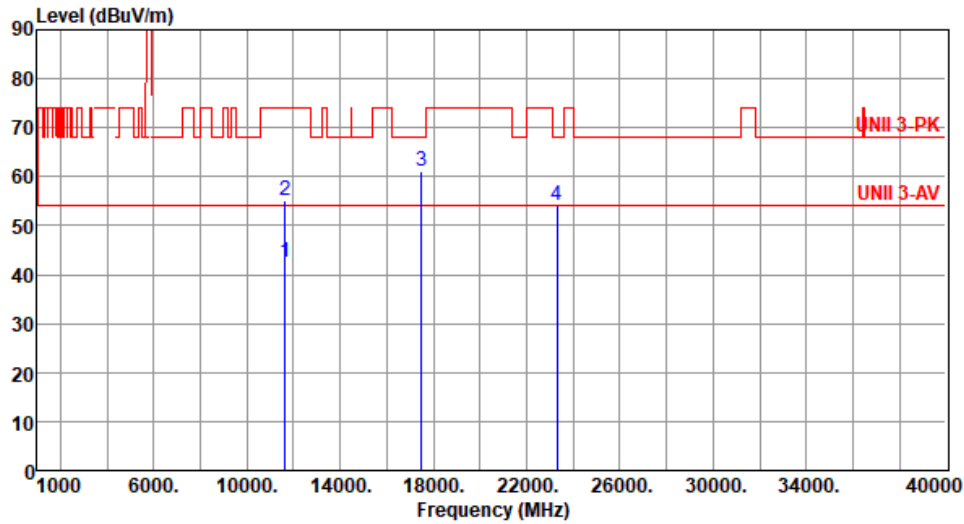
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11650.00	42.69	54.00	-11.31	35.71	6.98	Average	100	17
2	11650.00	55.44	74.00	-18.56	48.46	6.98	Peak	100	17
3	17475.00	60.60	68.20	-7.60	53.28	7.32	Peak	100	79
4	23300.00	54.18	68.20	-14.02	47.51	6.67	Peak	100	205

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 HE20 RU106	Test Freq. (MHz)	5825
Polarization	Vertical		

Test By : Paul Lin      Temperature(°C): 26      Humidity(%): 61



	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	11650.00	42.52	54.00	-11.48	35.54	6.98	Average	100	41
2	11650.00	55.10	74.00	-18.90	48.12	6.98	Peak	100	41
3	17475.00	60.99	68.20	-7.21	53.67	7.32	Peak	100	85
4	23300.00	54.18	68.20	-14.02	47.51	6.67	Peak	100	205

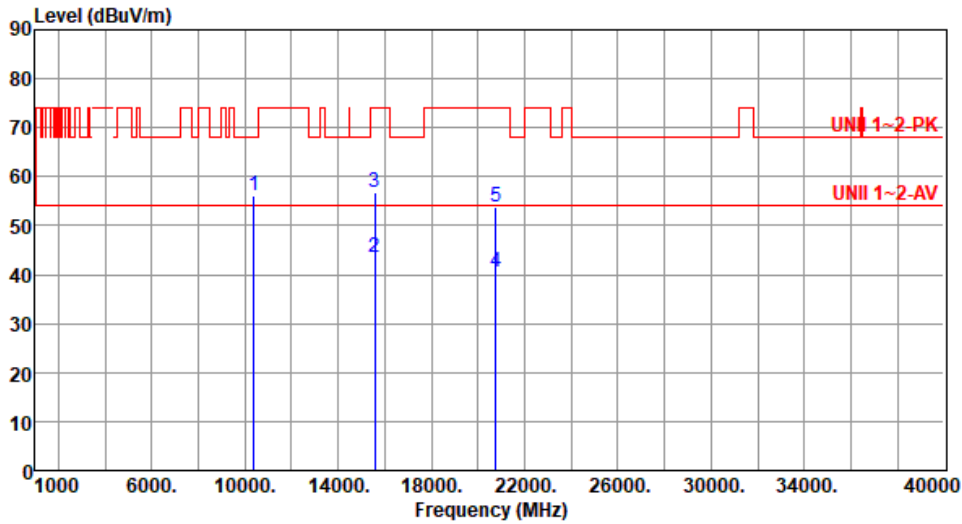
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)  
 \*Factor includes antenna factor , cable loss and amplifier gain  
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Emissions (Above 1GHz) for ax HE40 RU242

Modulation	ax HE40 RU242	Test Freq. (MHz)	5190
Polarization	Horizontal		

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



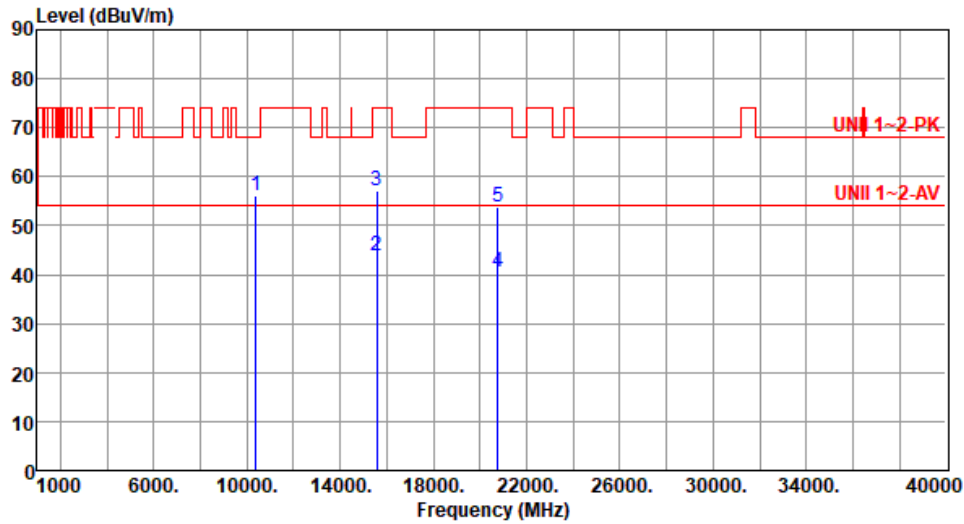
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	10380.00	56.11	68.20	-12.09	48.62	7.49	Peak	100	176
2	15570.00	43.54	54.00	-10.46	39.27	4.27	Average	100	208
3	15570.00	56.64	74.00	-17.36	52.37	4.27	Peak	100	208
4	20760.00	40.62	54.00	-13.38	37.47	3.15	Average	100	186
5	20760.00	53.64	74.00	-20.36	50.49	3.15	Peak	100	186

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 RU242	Test Freq. (MHz)	5190
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	10380.00	56.11	68.20	-12.09	48.62	7.49	Peak	100	211
2	15570.00	43.76	54.00	-10.24	39.49	4.27	Average	100	273
3	15570.00	57.11	74.00	-16.89	52.84	4.27	Peak	100	273
4	20760.00	40.59	54.00	-13.41	37.44	3.15	Average	100	108
5	20760.00	53.65	74.00	-20.35	50.50	3.15	Peak	100	108

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

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

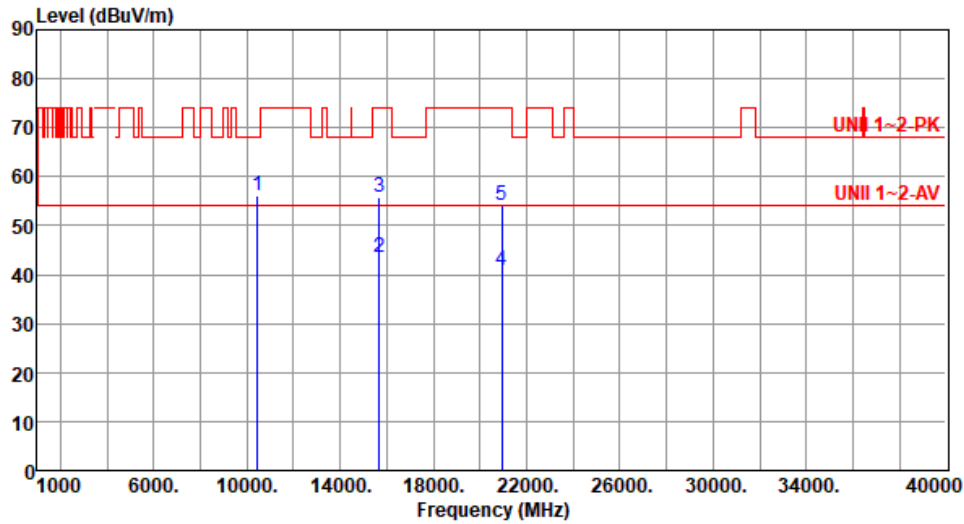
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE40 RU242	Test Freq. (MHz)	5230
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Polarization	Horizontal
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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	10460.00	56.02	68.20	-12.18	48.45	7.57	Peak	100	273
2	15690.00	43.45	54.00	-10.55	39.21	4.24	Average	100	108
3	15690.00	55.72	74.00	-18.28	51.48	4.24	Peak	100	108
4	20920.00	40.99	54.00	-13.01	37.44	3.55	Average	100	231
5	20920.00	53.99	74.00	-20.01	50.44	3.55	Peak	100	231

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

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

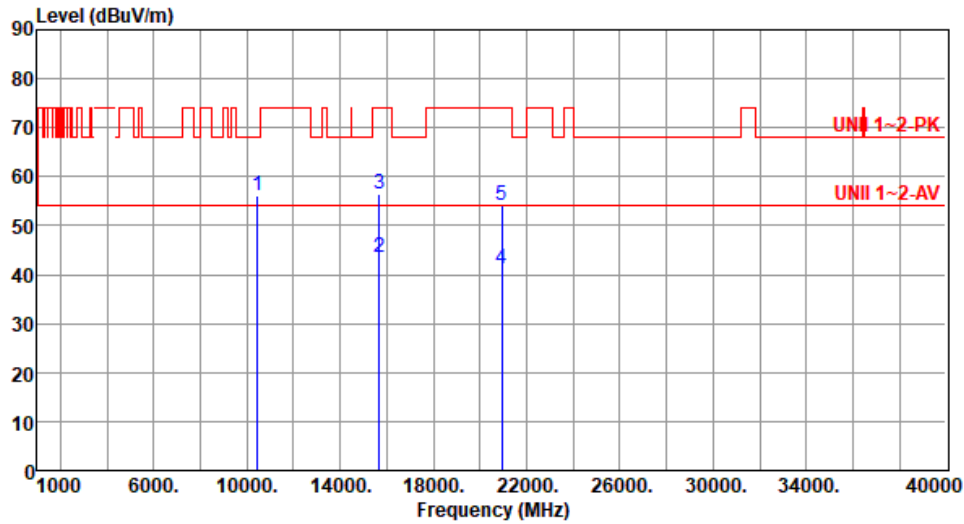
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE40 RU242	Test Freq. (MHz)	5230
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Polarization	Vertical
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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	10460.00	56.21	68.20	-11.99	48.64	7.57	Peak	100	176
2	15690.00	43.66	54.00	-10.34	39.42	4.24	Average	100	123
3	15690.00	56.42	74.00	-17.58	52.18	4.24	Peak	100	123
4	20920.00	41.19	54.00	-12.81	37.64	3.55	Average	100	178
5	20920.00	54.21	74.00	-19.79	50.66	3.55	Peak	100	178

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

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

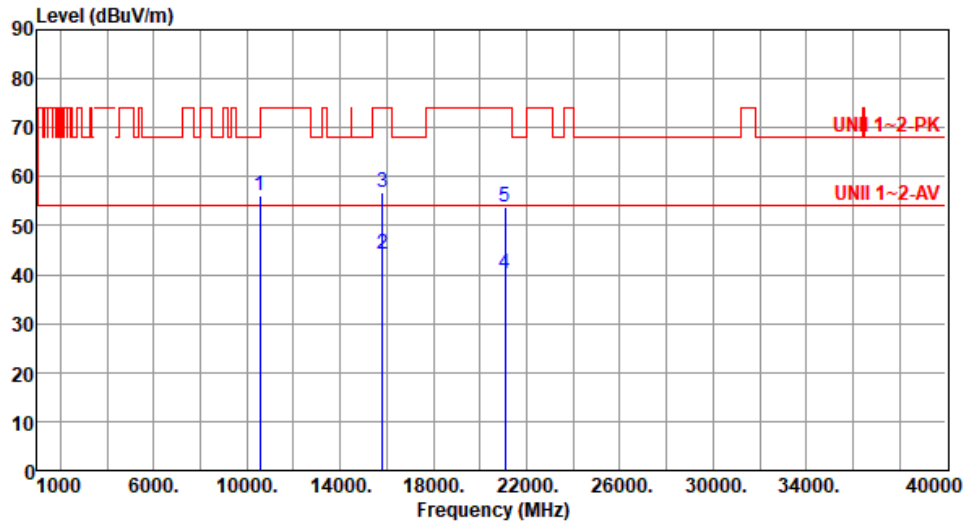
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).





Modulation	ax HE40 RU242	Test Freq. (MHz)	5270
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	10540.00	56.19	68.20	-12.01	48.62	7.57	Peak	100	183
2	15810.00	44.09	54.00	-9.91	39.68	4.41	Average	100	204
3	15810.00	56.74	74.00	-17.26	52.33	4.41	Peak	100	204
4	21080.00	40.28	54.00	-13.72	36.43	3.85	Average	100	107
5	21080.00	53.70	74.00	-20.30	49.85	3.85	Peak	100	107

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

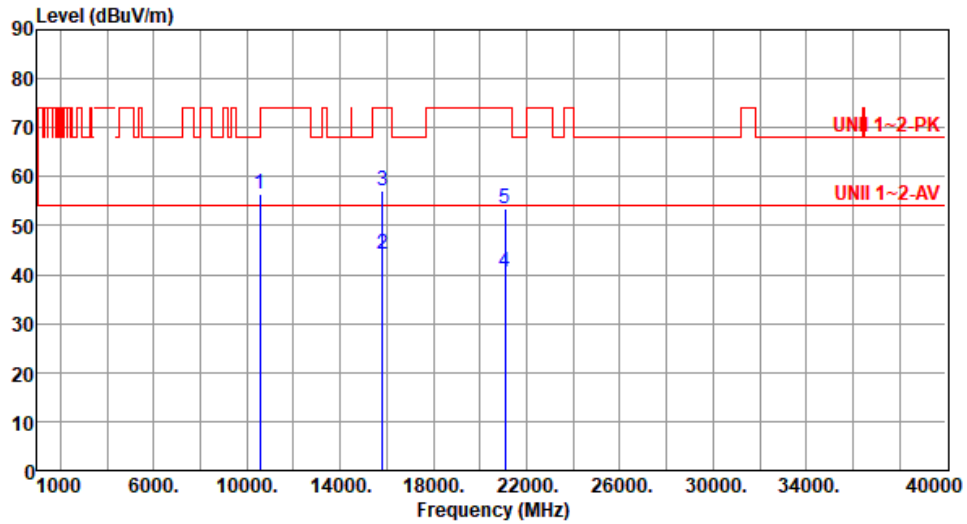
\*Factor includes antenna factor , cable loss and amplifier gain

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



Modulation	ax HE40 RU242	Test Freq. (MHz)	5270
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	10540.00	56.33	68.20	-11.87	48.76	7.57	Peak	100	173
2	15810.00	44.03	54.00	-9.97	39.62	4.41	Average	100	208
3	15810.00	57.05	74.00	-16.95	52.64	4.41	Peak	100	208
4	21080.00	40.41	54.00	-13.59	36.56	3.85	Average	100	106
5	21080.00	53.39	74.00	-20.61	49.54	3.85	Peak	100	106

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

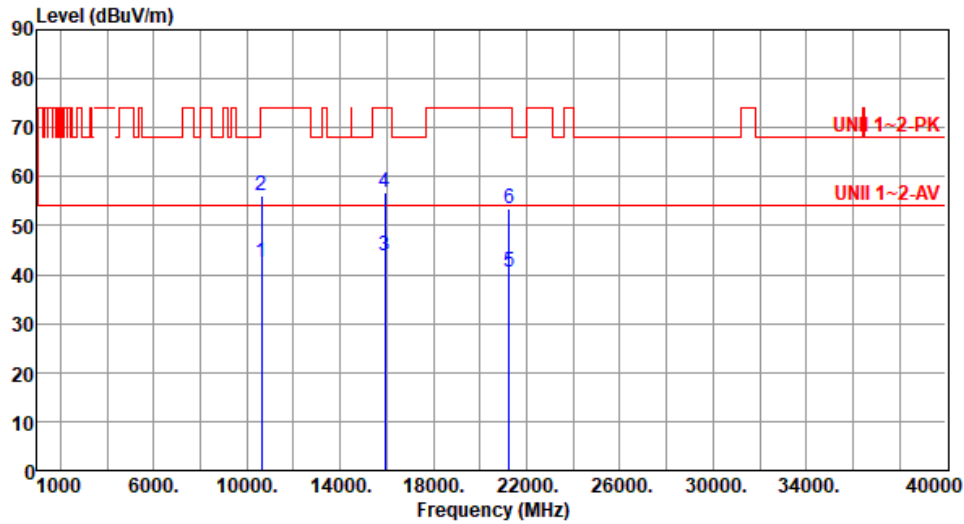
\*Factor includes antenna factor , cable loss and amplifier gain

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



Modulation	ax HE40 RU242	Test Freq. (MHz)	5310
Polarization	Horizontal		

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



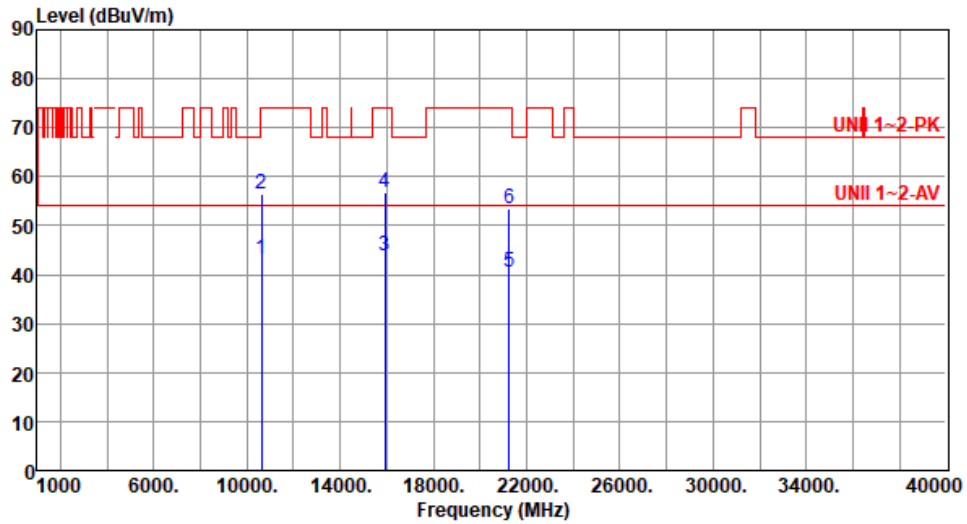
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	10620.00	42.63	54.00	-11.37	35.12	7.51	Average	100	148
2	10620.00	56.12	74.00	-17.88	48.61	7.51	Peak	100	148
3	15930.00	43.75	54.00	-10.25	39.11	4.64	Average	100	208
4	15930.00	56.75	74.00	-17.25	52.11	4.64	Peak	100	208
5	21240.00	40.47	54.00	-13.53	36.43	4.04	Average	100	117
6	21240.00	53.61	74.00	-20.39	49.57	4.04	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 RU242	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	10620.00	43.02	54.00	-10.98	35.51	7.51	Average	100	176
2	10620.00	56.43	74.00	-17.57	48.92	7.51	Peak	100	176
3	15930.00	43.70	54.00	-10.30	39.06	4.64	Average	100	222
4	15930.00	56.82	74.00	-17.18	52.18	4.64	Peak	100	222
5	21240.00	40.47	54.00	-13.53	36.43	4.04	Average	100	147
6	21240.00	53.58	74.00	-20.42	49.54	4.04	Peak	100	147

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

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

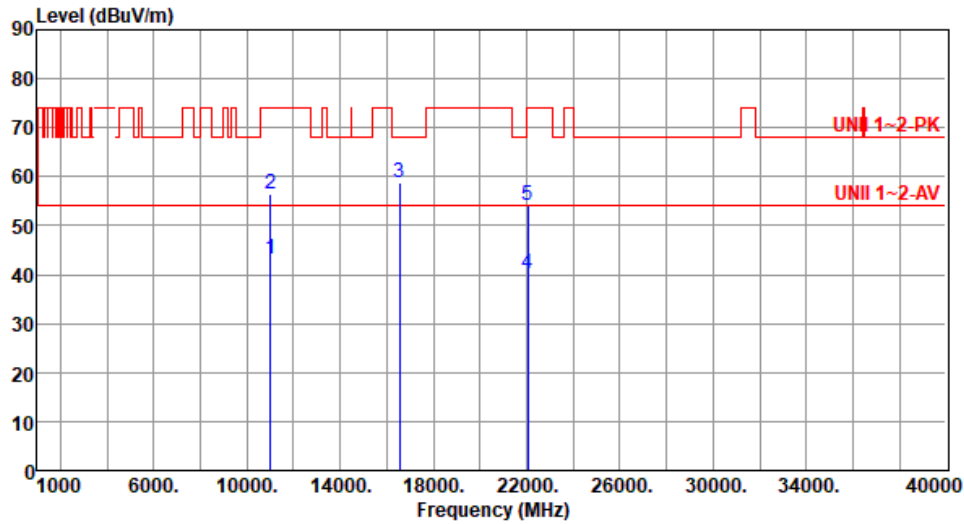
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE40 RU242	Test Freq. (MHz)	5510
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Polarization	Horizontal
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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	11020.00	43.18	54.00	-10.82	35.48	7.70	Average	100	171
2	11020.00	56.32	74.00	-17.68	48.62	7.70	Peak	100	171
3	16530.00	58.67	68.20	-9.53	51.94	6.73	Peak	100	203
4	22040.00	40.34	54.00	-13.66	35.64	4.70	Average	100	173
5	22040.00	54.13	74.00	-19.87	49.43	4.70	Peak	100	173

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

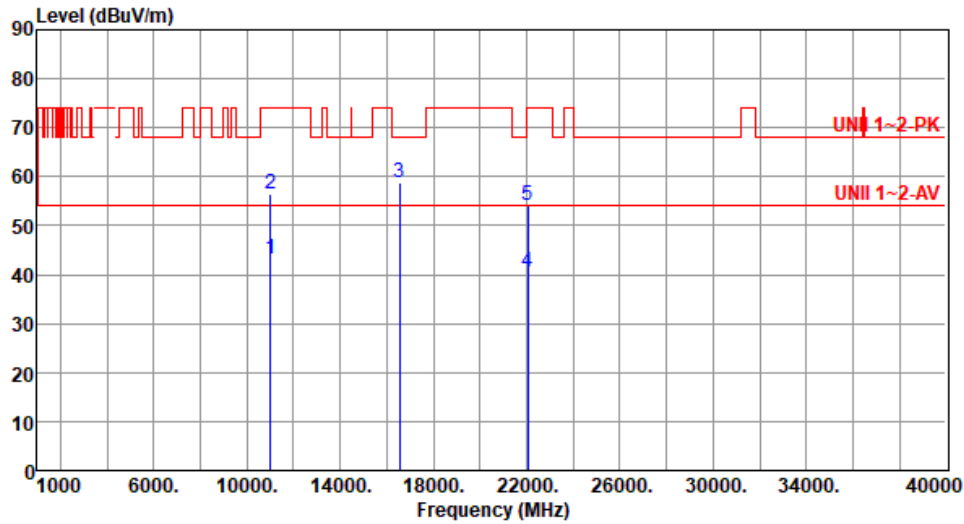
\*Factor includes antenna factor , cable loss and amplifier gain

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



Modulation	ax HE40 RU242	Test Freq. (MHz)	5510
Polarization	Vertical		

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



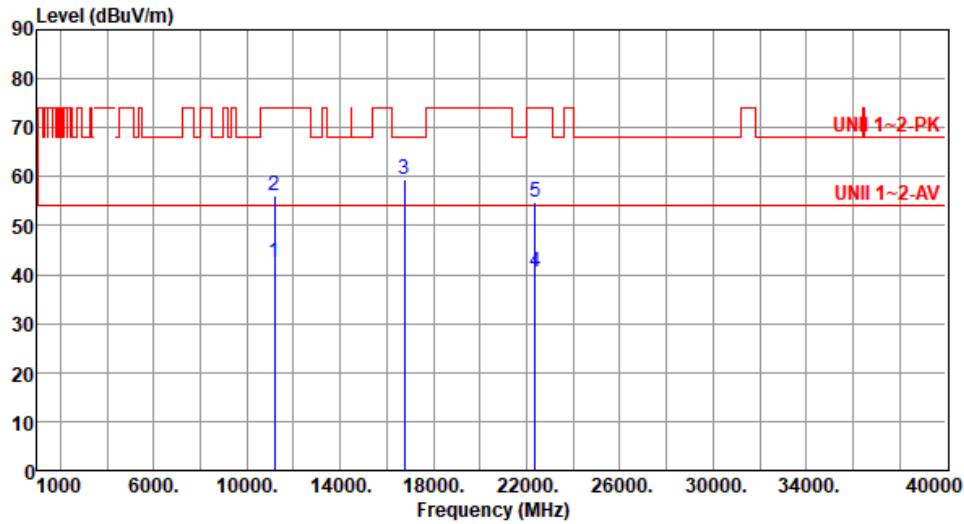
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11020.00	43.15	54.00	-10.85	35.45	7.70	Average	100	188
2	11020.00	56.34	74.00	-17.66	48.64	7.70	Peak	100	188
3	16530.00	58.86	68.20	-9.34	52.13	6.73	Peak	100	224
4	22040.00	40.36	54.00	-13.64	35.66	4.70	Average	100	178
5	22040.00	54.24	74.00	-19.76	49.54	4.70	Peak	100	178

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 RU242	Test Freq. (MHz)	5590
Polarization	Horizontal		

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



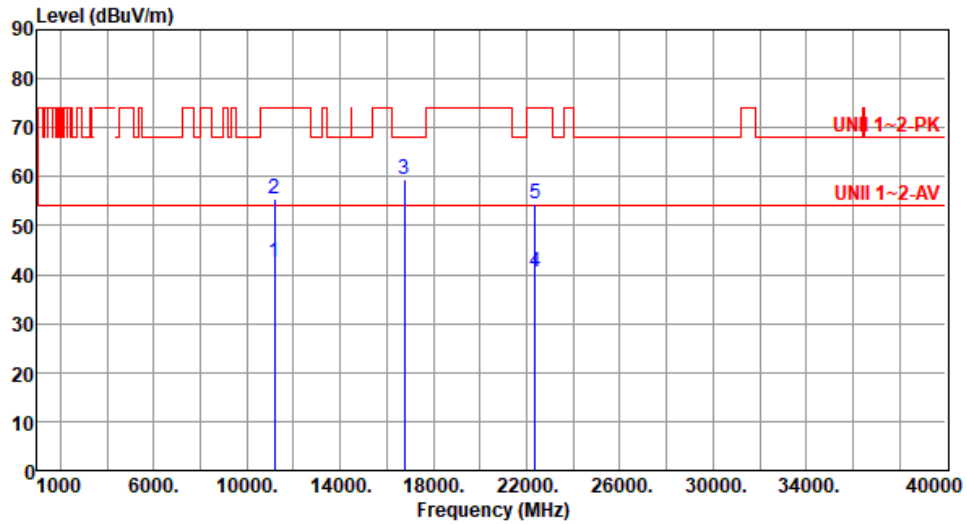
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11180.00	42.44	54.00	-11.56	35.36	7.08	Average	100	186
2	11180.00	56.28	74.00	-17.72	49.20	7.08	Peak	100	186
3	16770.00	59.28	68.20	-8.92	52.12	7.16	Peak	100	205
4	22360.00	40.67	54.00	-13.33	35.44	5.23	Average	100	186
5	22360.00	54.70	74.00	-19.30	49.47	5.23	Peak	100	186

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 RU242	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	11180.00	42.67	54.00	-11.33	35.59	7.08	Average	100	177
2	11180.00	55.31	74.00	-18.69	48.23	7.08	Peak	100	177
3	16770.00	59.38	68.20	-8.82	52.22	7.16	Peak	100	108
4	22360.00	40.50	54.00	-13.50	35.27	5.23	Average	100	205
5	22360.00	54.61	74.00	-19.39	49.38	5.23	Peak	100	205

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

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

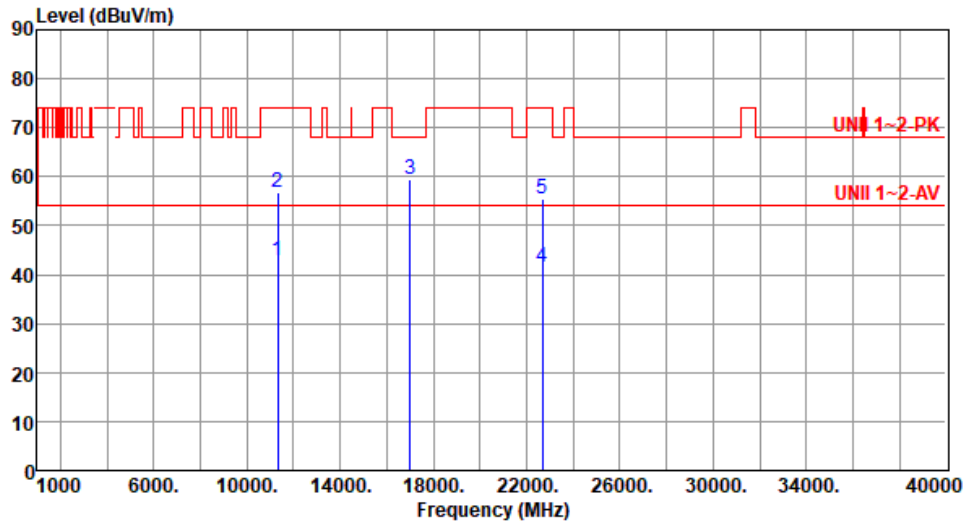
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).





Modulation	ax HE40 RU242	Test Freq. (MHz)	5670
Polarization	Horizontal		

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



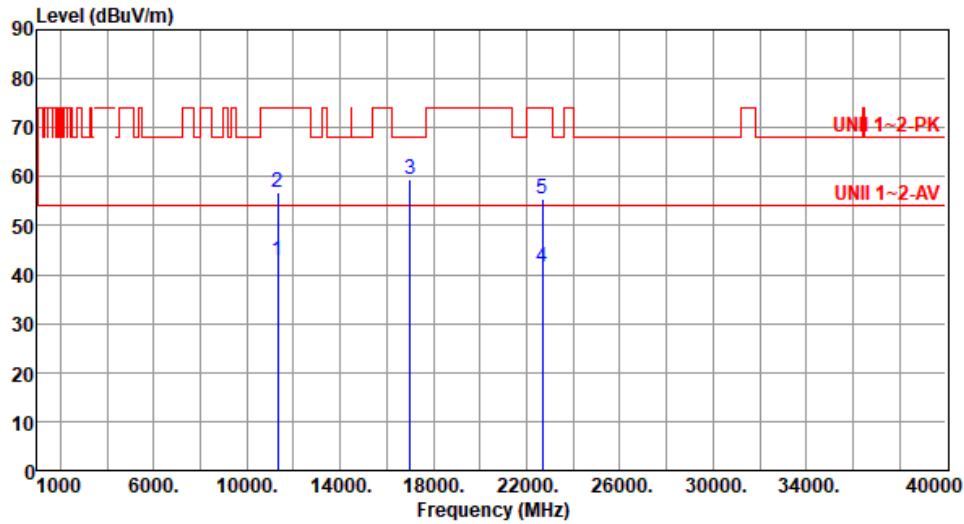
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11340.00	42.92	54.00	-11.08	35.79	7.13	Average	100	218
2	11340.00	56.79	74.00	-17.21	49.66	7.13	Peak	100	218
3	17010.00	59.57	68.20	-8.63	52.66	6.91	Peak	100	277
4	22680.00	41.47	54.00	-12.53	35.52	5.95	Average	100	108
5	22680.00	55.42	74.00	-18.58	49.47	5.95	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 RU242	Test Freq. (MHz)	5670
Polarization	Vertical		

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



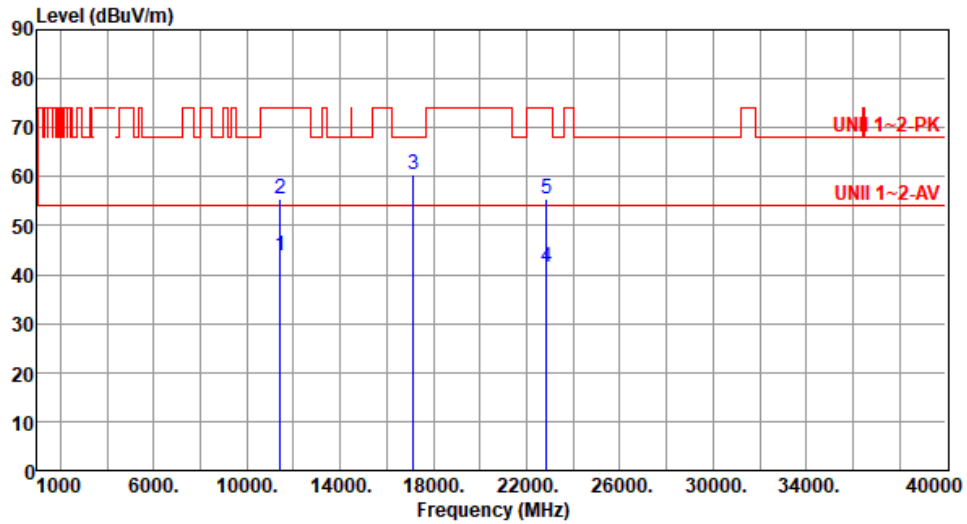
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11340.00	42.71	54.00	-11.29	35.58	7.13	Average	100	271
2	11340.00	56.77	74.00	-17.23	49.64	7.13	Peak	100	271
3	17010.00	59.49	68.20	-8.71	52.58	6.91	Peak	100	113
4	22680.00	41.60	54.00	-12.40	35.65	5.95	Average	100	118
5	22680.00	55.31	74.00	-18.69	49.36	5.95	Peak	100	118

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 RU242	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	11420.00	43.76	54.00	-10.24	36.44	7.32	Average	100	178
2	11420.00	55.55	74.00	-18.45	48.23	7.32	Peak	100	178
3	17130.00	60.33	68.20	-7.87	53.64	6.69	Peak	100	205
4	22840.00	41.53	54.00	-12.47	35.27	6.26	Average	100	103
5	22840.00	55.42	74.00	-18.58	49.16	6.26	Peak	100	103

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

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

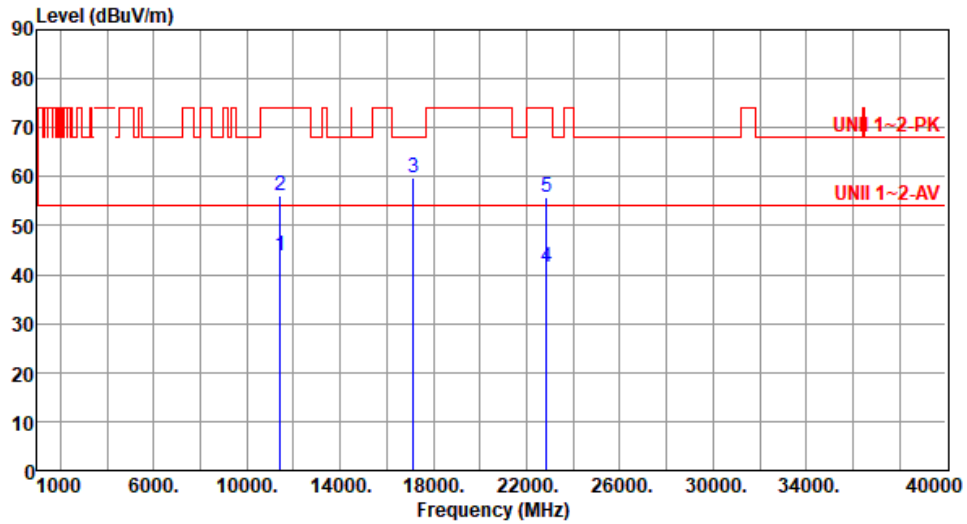
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE40 RU242	Test Freq. (MHz)	5710
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Polarization	Vertical
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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	11420.00	43.80	54.00	-10.20	36.48	7.32	Average	100	201
2	11420.00	55.96	74.00	-18.04	48.64	7.32	Peak	100	201
3	17130.00	59.81	68.20	-8.39	53.12	6.69	Peak	100	227
4	22840.00	41.52	54.00	-12.48	35.26	6.26	Average	100	152
5	22840.00	55.79	74.00	-18.21	49.53	6.26	Peak	100	152

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

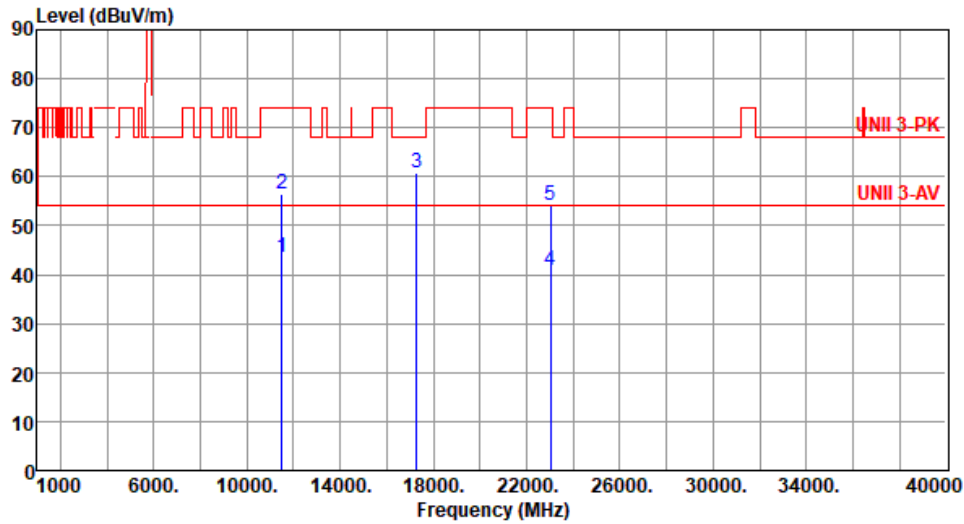
\*Factor includes antenna factor , cable loss and amplifier gain

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



Modulation	ax HE40 RU242	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	11510.00	43.51	54.00	-10.49	36.09	7.42	Average	100	186
2	11510.00	56.46	74.00	-17.54	49.04	7.42	Peak	100	186
3	17265.00	60.74	68.20	-7.46	53.99	6.75	Peak	100	205
4	23020.00	40.81	54.00	-13.19	34.24	6.57	Average	100	108
5	23020.00	54.20	74.00	-19.80	47.63	6.57	Peak	100	108

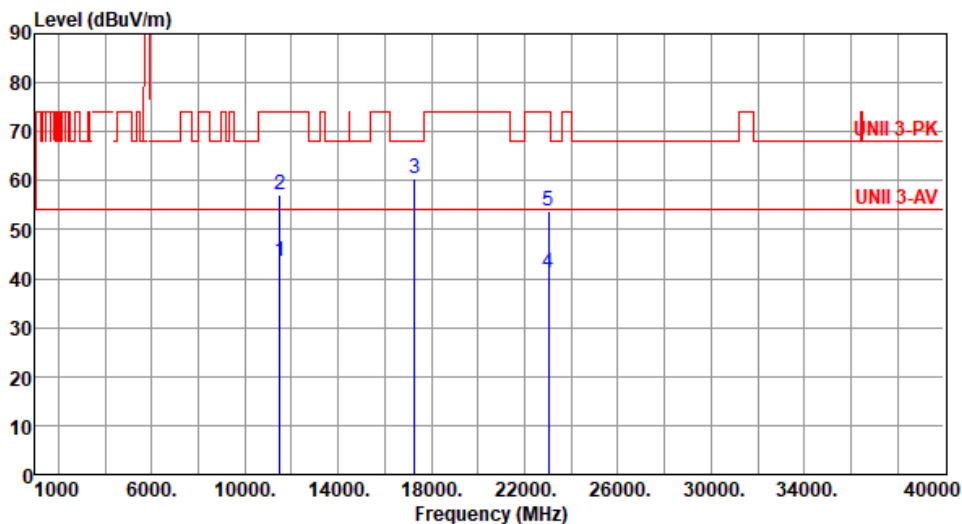
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)  
 \*Factor includes antenna factor , cable loss and amplifier gain  
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE40 RU242	Test Freq. (MHz)	5755
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Polarization	Vertical
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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	11510.00	43.63	54.00	-10.37	36.21	7.42	Average	100	173
2	11510.00	57.10	74.00	-16.90	49.68	7.42	Peak	100	173
3	17265.00	60.35	68.20	-7.85	53.60	6.75	Peak	100	281
4	23020.00	41.09	54.00	-12.91	34.52	6.57	Average	100	241
5	23020.00	53.86	74.00	-20.14	47.29	6.57	Peak	100	241

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

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

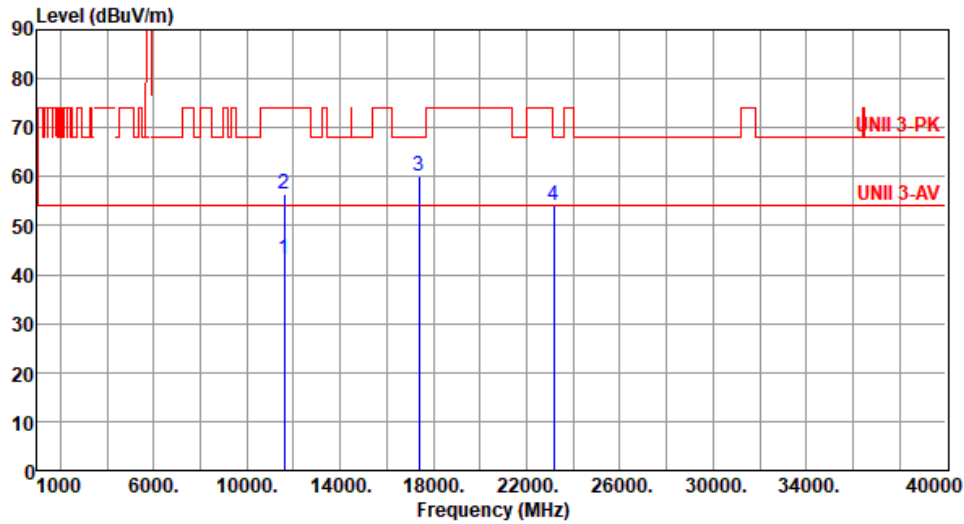
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE40 RU242	Test Freq. (MHz)	5795
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Polarization	Horizontal
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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	11590.00	43.03	54.00	-10.97	35.86	7.17	Average	100	175
2	11590.00	56.50	74.00	-17.50	49.33	7.17	Peak	100	175
3	17385.00	60.18	68.20	-8.02	53.14	7.04	Peak	100	281
4	23180.00	54.29	68.20	-13.91	47.66	6.63	Peak	100	227

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

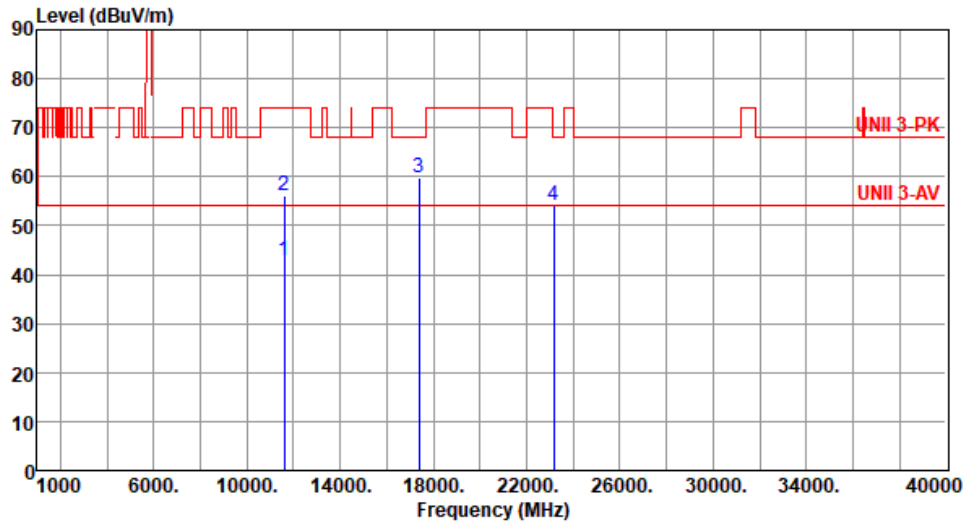
\*Factor includes antenna factor , cable loss and amplifier gain

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



Modulation	ax HE40 RU242	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	11590.00	42.84	54.00	-11.16	35.67	7.17	Average	100	203
2	11590.00	56.29	74.00	-17.71	49.12	7.17	Peak	100	203
3	17385.00	59.90	68.20	-8.30	52.86	7.04	Peak	100	188
4	23180.00	54.12	68.20	-14.08	47.49	6.63	Peak	100	184

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).

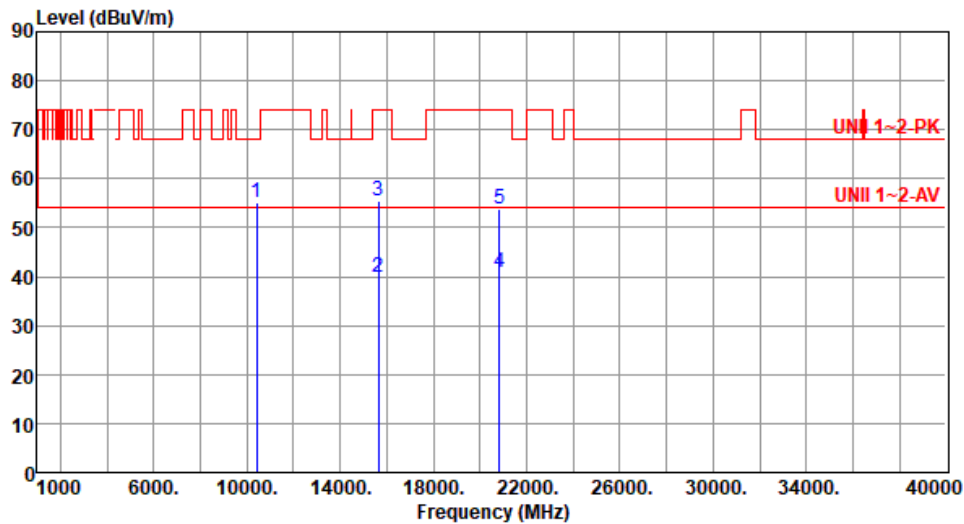




Unwanted Emissions (Above 1GHz) for ax HE80 RU484

Modulation	ax HE80 RU484	Test Freq. (MHz)	5210
Polarization	Horizontal		

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



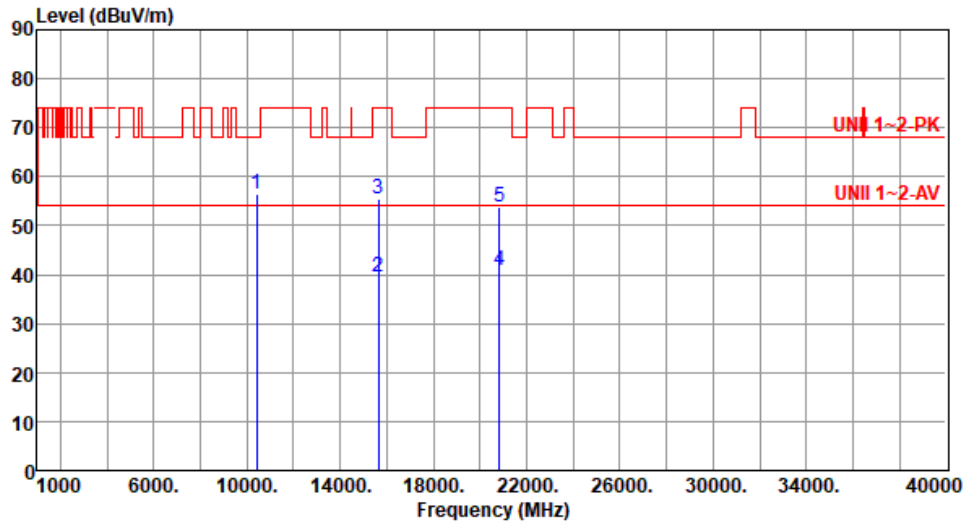
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	10420.00	55.19	68.20	-13.01	47.64	7.55	Peak	100	187
2	15630.00	39.89	54.00	-14.11	35.68	4.21	Average	100	203
3	15630.00	55.54	74.00	-18.46	51.33	4.21	Peak	100	203
4	20840.00	40.69	54.00	-13.31	37.33	3.36	Average	100	227
5	20840.00	53.79	74.00	-20.21	50.43	3.36	Peak	100	227

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 RU484	Test Freq. (MHz)	5210
Polarization	Vertical		

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



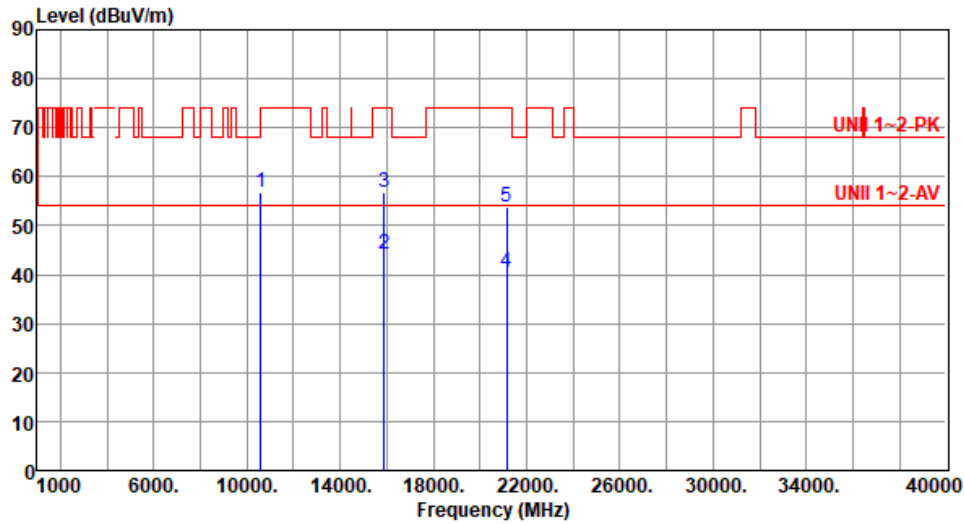
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	10420.00	56.42	68.20	-11.78	48.87	7.55	Peak	100	171
2	15630.00	39.68	54.00	-14.32	35.47	4.21	Average	100	179
3	15630.00	55.59	74.00	-18.41	51.38	4.21	Peak	100	179
4	20840.00	40.77	54.00	-13.23	37.41	3.36	Average	100	226
5	20840.00	53.83	74.00	-20.17	50.47	3.36	Peak	100	226

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 RU484	Test Freq. (MHz)	5290
Polarization	Horizontal		

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



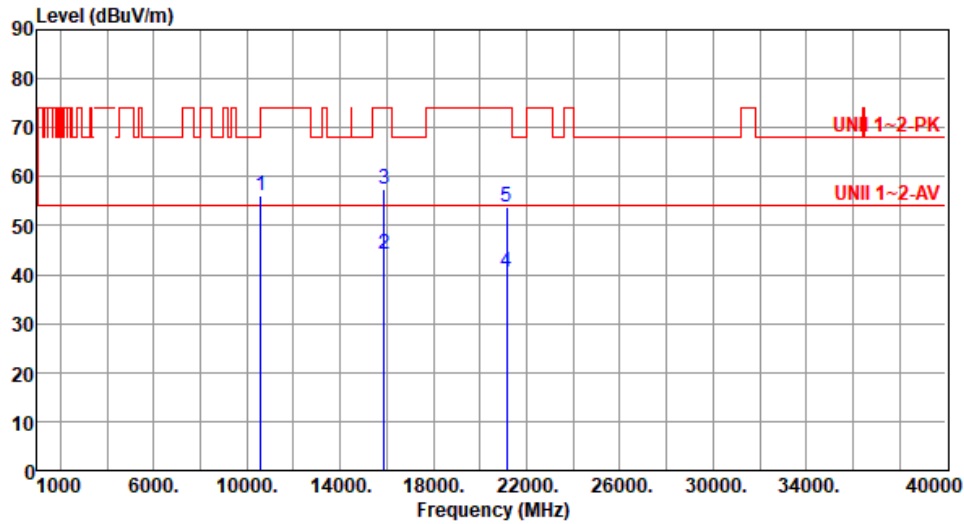
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	10580.00	56.78	68.20	-11.42	49.23	7.55	Peak	100	176
2	15870.00	44.04	54.00	-9.96	39.48	4.56	Average	100	117
3	15870.00	56.91	74.00	-17.09	52.35	4.56	Peak	100	117
4	21160.00	40.38	54.00	-13.62	36.44	3.94	Average	100	229
5	21160.00	53.79	74.00	-20.21	49.85	3.94	Peak	100	229

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 RU484	Test Freq. (MHz)	5290
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	10580.00	56.17	68.20	-12.03	48.62	7.55	Peak	100	185
2	15870.00	44.18	54.00	-9.82	39.62	4.56	Average	100	203
3	15870.00	57.30	74.00	-16.70	52.74	4.56	Peak	100	203
4	21160.00	40.43	54.00	-13.57	36.49	3.94	Average	100	213
5	21160.00	53.78	74.00	-20.22	49.84	3.94	Peak	100	213

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

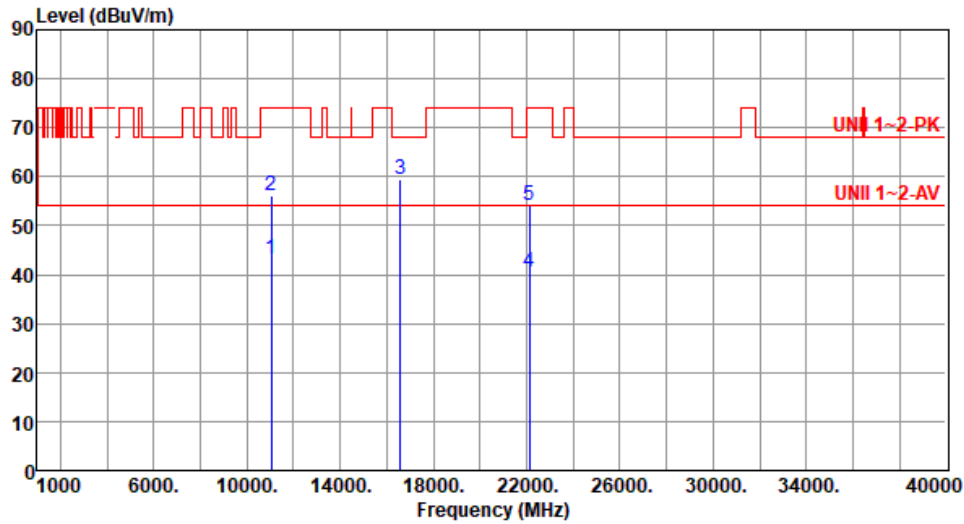
\*Factor includes antenna factor , cable loss and amplifier gain

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



Modulation	ax HE80 RU484	Test Freq. (MHz)	5530
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	11060.00	43.33	54.00	-10.67	35.72	7.61	Average	100	177
2	11060.00	56.27	74.00	-17.73	48.66	7.61	Peak	100	177
3	16590.00	59.45	68.20	-8.75	52.76	6.69	Peak	100	201
4	22120.00	40.46	54.00	-13.54	35.67	4.79	Average	100	108
5	22120.00	54.12	74.00	-19.88	49.33	4.79	Peak	100	108

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

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

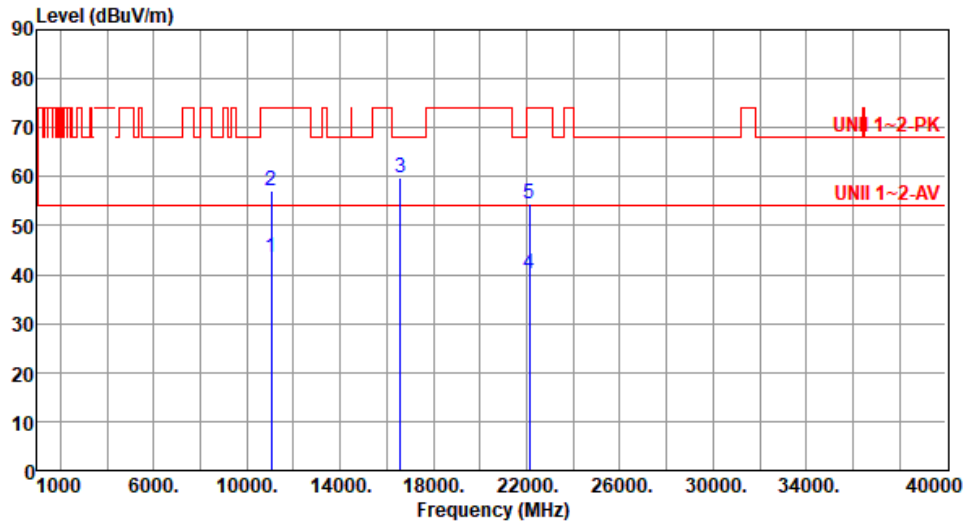
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE80 RU484	Test Freq. (MHz)	5530
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Polarization	Vertical
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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	11060.00	43.49	54.00	-10.51	35.88	7.61	Average	100	186
2	11060.00	57.23	74.00	-16.77	49.62	7.61	Peak	100	186
3	16590.00	59.72	68.20	-8.48	53.03	6.69	Peak	100	217
4	22120.00	40.20	54.00	-13.80	35.41	4.79	Average	100	119
5	22120.00	54.31	74.00	-19.69	49.52	4.79	Peak	100	119

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

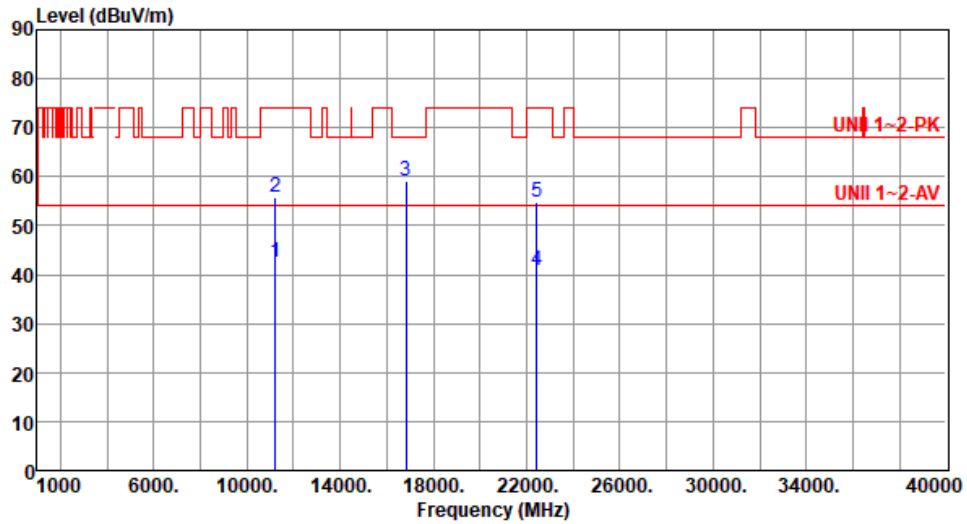
\*Factor includes antenna factor , cable loss and amplifier gain

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



Modulation	ax HE80 RU484	Test Freq. (MHz)	5610
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	11220.00	42.36	54.00	-11.64	35.38	6.98	Average	100	171
2	11220.00	55.84	74.00	-18.16	48.86	6.98	Peak	100	171
3	16830.00	58.98	68.20	-9.22	51.65	7.33	Peak	100	208
4	22440.00	40.74	54.00	-13.26	35.30	5.44	Average	100	148
5	22440.00	54.78	74.00	-19.22	49.34	5.44	Peak	100	148

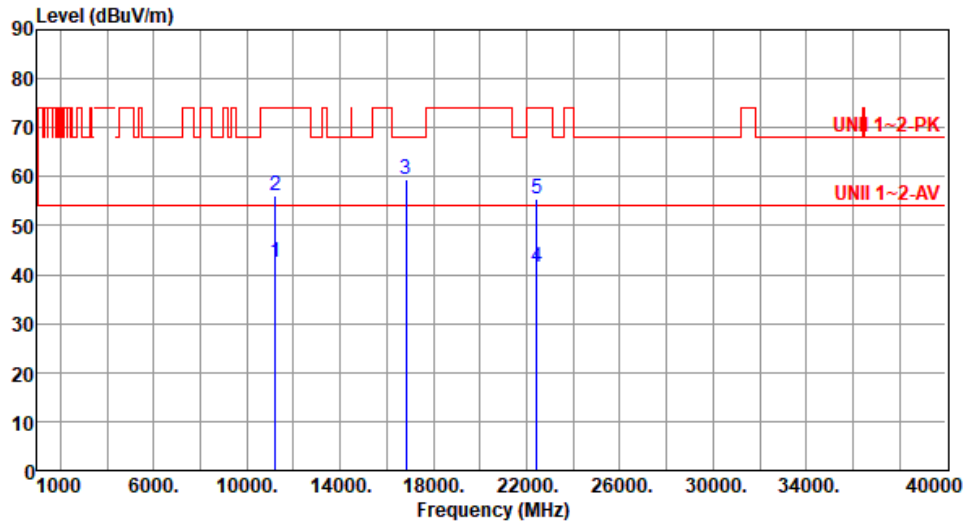
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)  
 \*Factor includes antenna factor , cable loss and amplifier gain  
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE80 RU484	Test Freq. (MHz)	5610
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Polarization	Vertical
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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	11220.00	42.40	54.00	-11.60	35.42	6.98	Average	100	243
2	11220.00	56.19	74.00	-17.81	49.21	6.98	Peak	100	243
3	16830.00	59.47	68.20	-8.73	52.14	7.33	Peak	100	179
4	22440.00	41.62	54.00	-12.38	36.18	5.44	Average	100	106
5	22440.00	55.49	74.00	-18.51	50.05	5.44	Peak	100	106

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

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

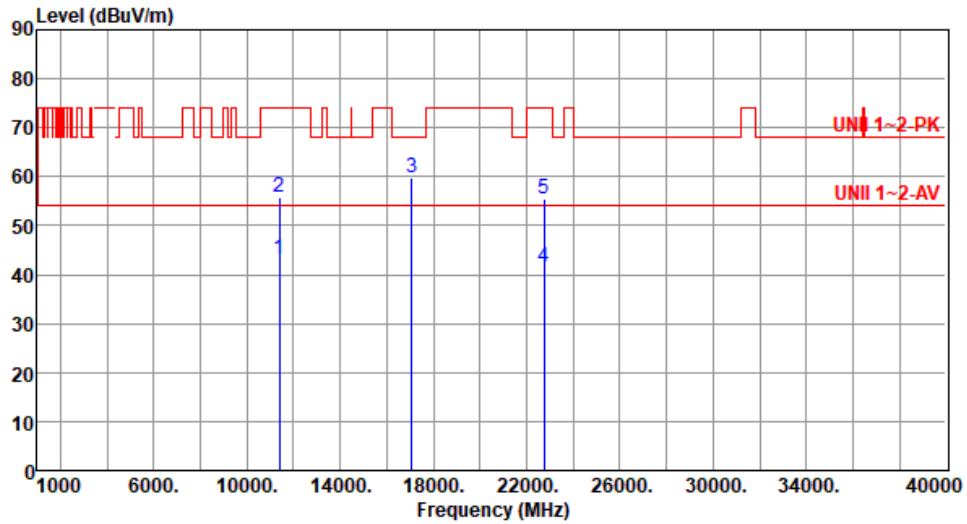
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).





Modulation	ax HE80 RU484	Test Freq. (MHz)	5690
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	11380.00	43.23	54.00	-10.77	35.99	7.24	Average	100	158
2	11380.00	55.90	74.00	-18.10	48.66	7.24	Peak	100	158
3	17070.00	59.74	68.20	-8.46	53.02	6.72	Peak	100	221
4	22760.00	41.59	54.00	-12.41	35.48	6.11	Average	100	102
5	22760.00	55.44	74.00	-18.56	49.33	6.11	Peak	100	102

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

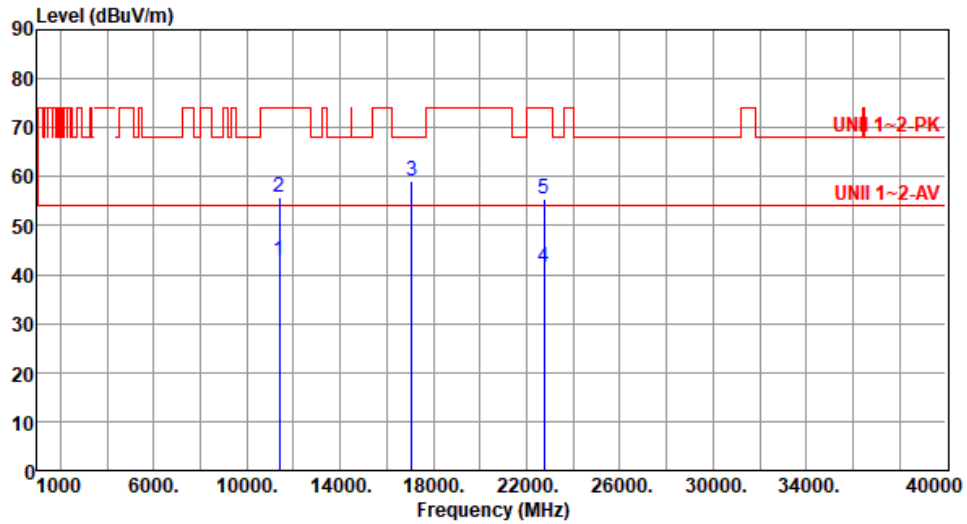
\*Factor includes antenna factor , cable loss and amplifier gain

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



Modulation	ax HE80 RU484	Test Freq. (MHz)	5690
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	11380.00	42.88	54.00	-11.12	35.64	7.24	Average	100	208
2	11380.00	55.86	74.00	-18.14	48.62	7.24	Peak	100	208
3	17070.00	59.20	68.20	-9.00	52.48	6.72	Peak	100	177
4	22760.00	41.60	54.00	-12.40	35.49	6.11	Average	100	108
5	22760.00	55.58	74.00	-18.42	49.47	6.11	Peak	100	108

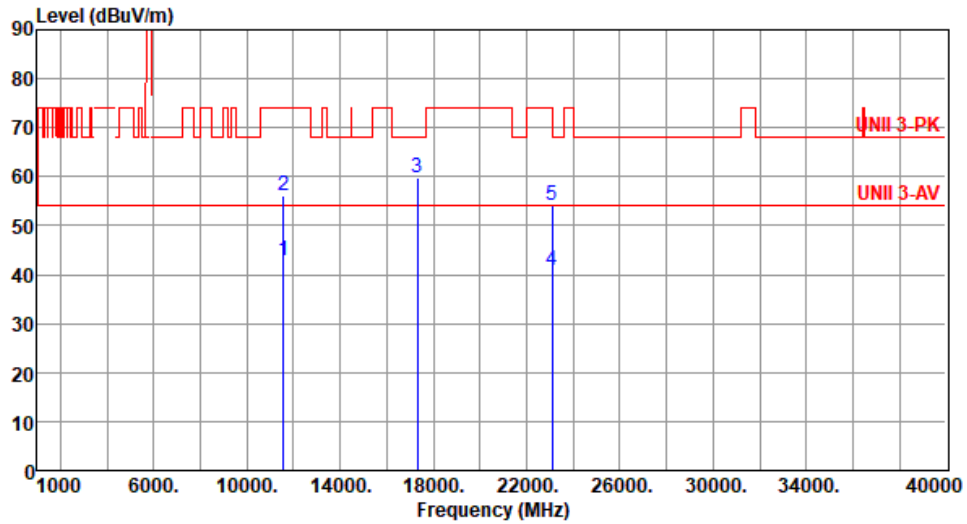
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor\* (dB/m)  
 \*Factor includes antenna factor , cable loss and amplifier gain  
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE80 RU484	Test Freq. (MHz)	5775
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Polarization	Horizontal
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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	11550.00	42.97	54.00	-11.03	35.68	7.29	Average	100	176
2	11550.00	56.21	74.00	-17.79	48.92	7.29	Peak	100	176
3	17325.00	59.83	68.20	-8.37	53.02	6.81	Peak	100	201
4	23100.00	40.82	54.00	-13.18	34.22	6.60	Average	100	158
5	23100.00	54.03	74.00	-19.97	47.43	6.60	Peak	100	158

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

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

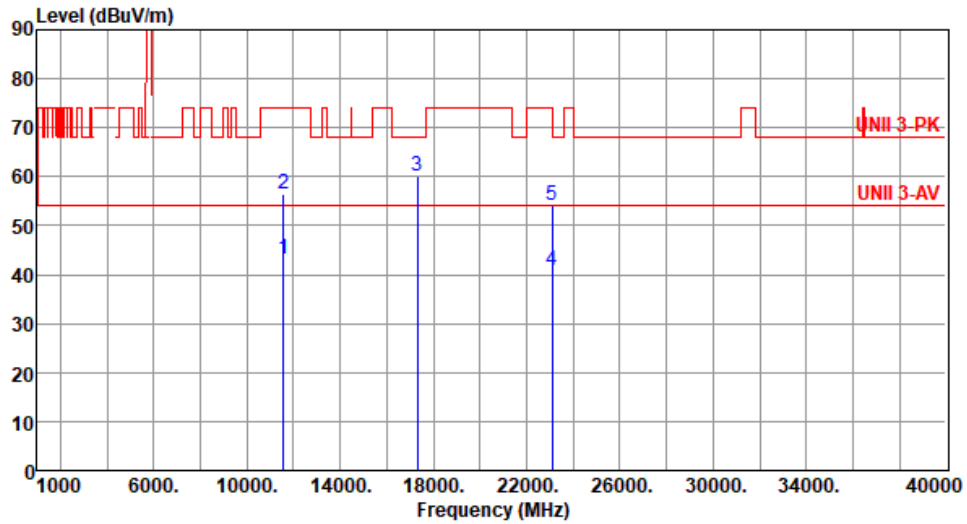
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE80 RU484	Test Freq. (MHz)	5775
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Polarization	Vertical
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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	11550.00	43.10	54.00	-10.90	35.81	7.29	Average	100	188
2	11550.00	56.42	74.00	-17.58	49.13	7.29	Peak	100	188
3	17325.00	59.99	68.20	-8.21	53.18	6.81	Peak	100	107
4	23100.00	40.88	54.00	-13.12	34.28	6.60	Average	100	254
5	23100.00	54.06	74.00	-19.94	47.46	6.60	Peak	100	254

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).

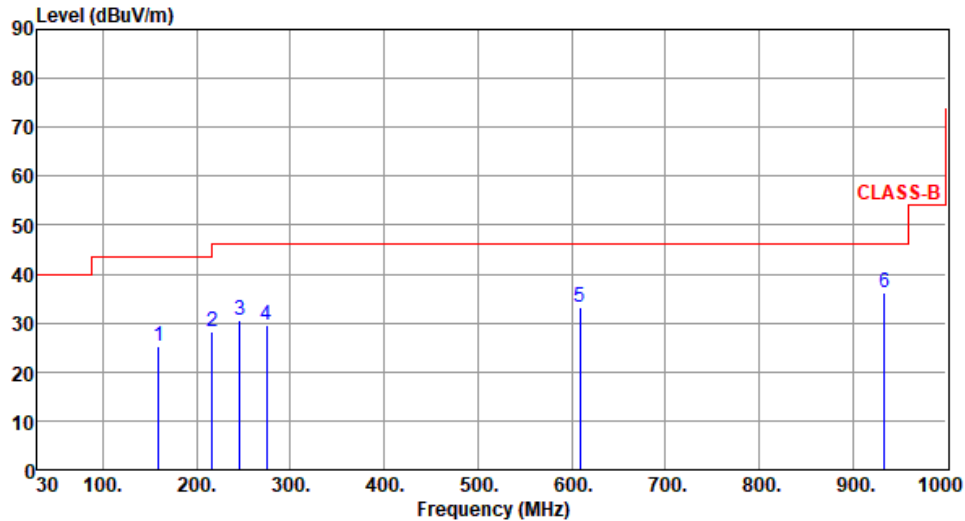


ST Module

Unwanted Emissions (Below 1GHz)

Modulation	ax HE80 RU242	Test Freq. (MHz)	5690
Polarization	Horizontal		

Test By :Sean Yu      Temperature(°C):26      Humidity(%):61



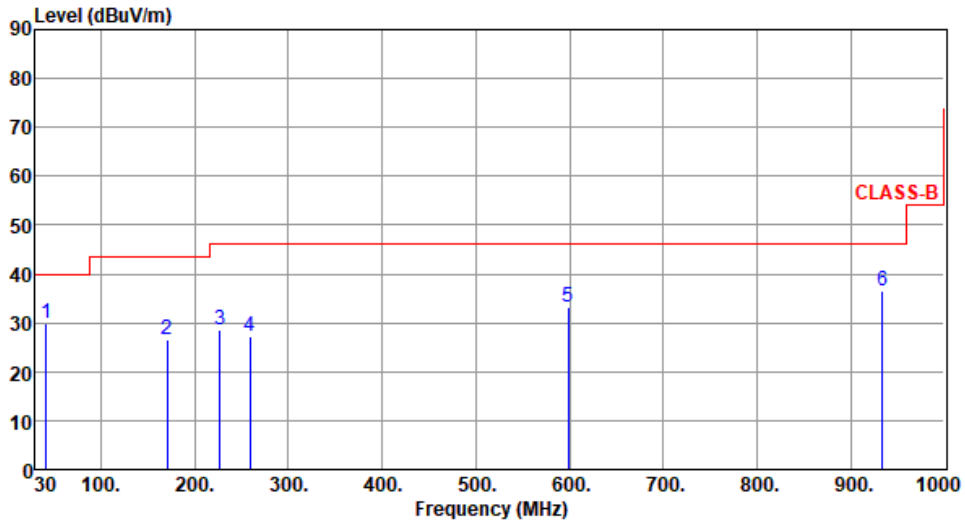
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	159.01	25.16	43.50	-18.34	33.80	-8.64	Peak	---	---
2	216.24	28.09	46.00	-17.91	40.03	-11.94	Peak	---	---
3	246.31	30.50	46.00	-15.50	40.53	-10.03	Peak	---	---
4	274.44	29.43	46.00	-16.57	38.22	-8.79	Peak	---	---
5	609.09	33.18	46.00	-12.82	33.54	-0.36	Peak	---	---
6	934.08	36.24	46.00	-9.76	31.19	5.05	Peak	---	---

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).  
 Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



<b>Modulation</b>	ax HE80 RU242	<b>Test Freq. (MHz)</b>	5690
<b>Polarization</b>	Vertical		

Test By : Sean Yu      Temperature(°C): 26      Humidity(%): 61



	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	41.64	29.92	40.00	-10.08	38.47	-8.55	Peak	---	---
2	170.65	26.46	43.50	-17.04	35.79	-9.33	Peak	---	---
3	226.91	28.60	46.00	-17.40	40.43	-11.83	Peak	---	---
4	258.92	27.23	46.00	-18.77	36.81	-9.58	Peak	---	---
5	598.42	33.34	46.00	-12.66	34.06	-0.72	Peak	---	---
6	934.04	36.41	46.00	-9.59	31.36	5.05	Peak	---	---

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

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

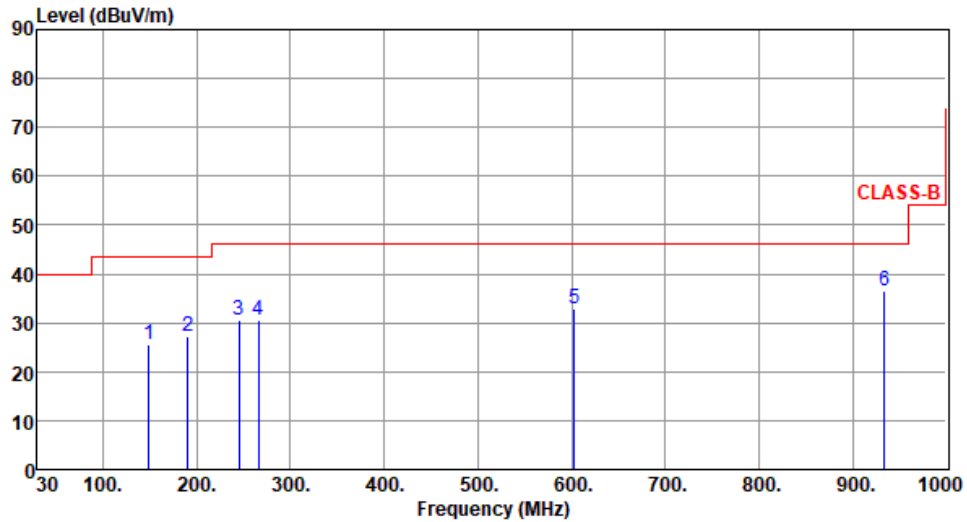
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



Modulation	ax HE20 RU106	Test Freq. (MHz)	5825
Polarization	Horizontal		

Test By : Sean Yu      Temperature(°C): 26      Humidity(%): 61



	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	149.31	25.49	43.50	-18.01	34.30	-8.81	Peak	---	---
2	191.02	27.21	43.50	-16.29	38.54	-11.33	Peak	---	---
3	245.34	30.51	46.00	-15.49	40.56	-10.05	Peak	---	---
4	265.71	30.60	46.00	-15.40	39.86	-9.26	Peak	---	---
5	603.27	32.86	46.00	-13.14	33.40	-0.54	Peak	---	---
6	934.04	36.57	46.00	-9.43	31.52	5.05	Peak	---	---

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

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

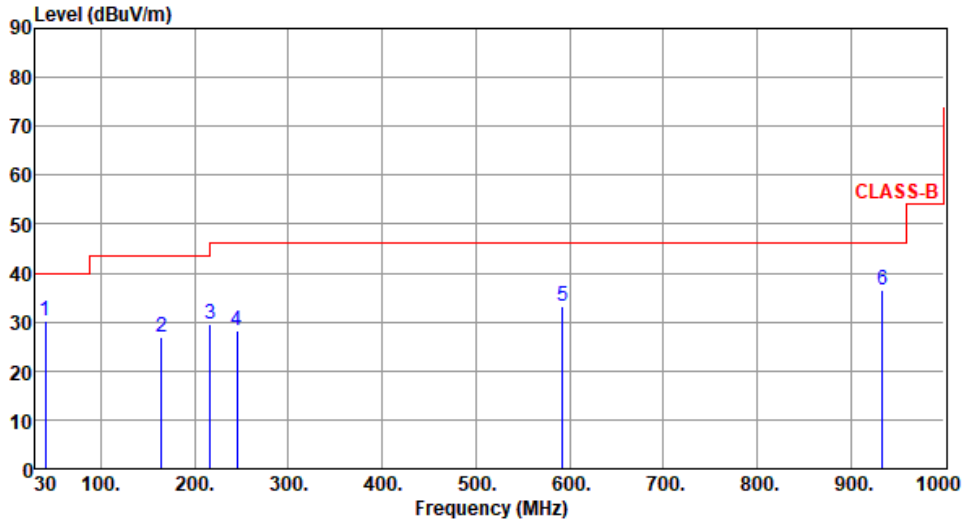
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



Modulation	ax HE20 RU106	Test Freq. (MHz)	5825
Polarization	Vertical		

Test By : Sean Yu      Temperature(°C): 26      Humidity(%): 61



	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	40.67	30.13	40.00	-9.87	38.91	-8.78	Peak	---	---
2	164.83	26.97	43.50	-16.53	35.97	-9.00	Peak	---	---
3	216.24	29.48	46.00	-16.52	41.42	-11.94	Peak	---	---
4	245.34	28.31	46.00	-17.69	38.36	-10.05	Peak	---	---
5	592.60	33.25	46.00	-12.75	34.11	-0.86	Peak	---	---
6	934.04	36.57	46.00	-9.43	31.52	5.05	Peak	---	---

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).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

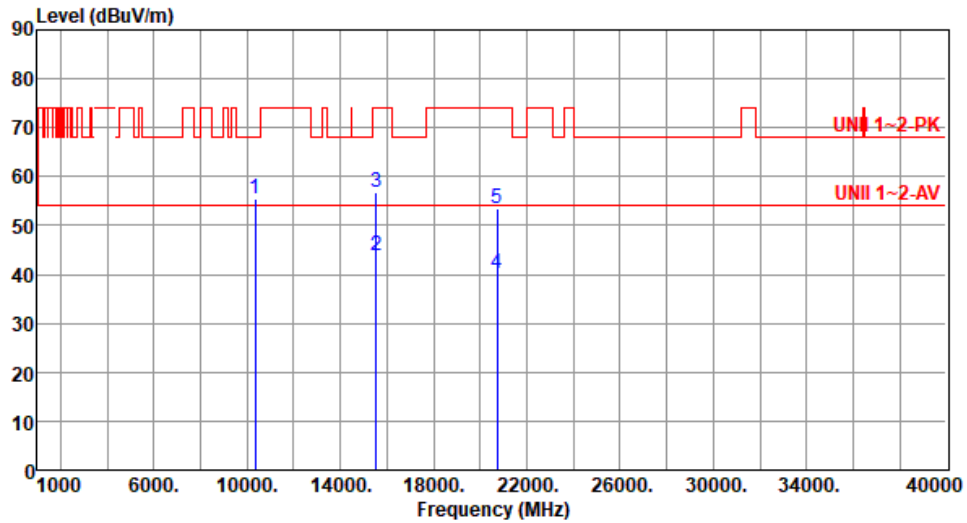




Unwanted Emissions (Above 1GHz)

Modulation	ax HE20 RU106	Test Freq. (MHz)	5180
Polarization	Horizontal		

Test By :Paul Lin      Temperature(°C):26      Humidity(%):61



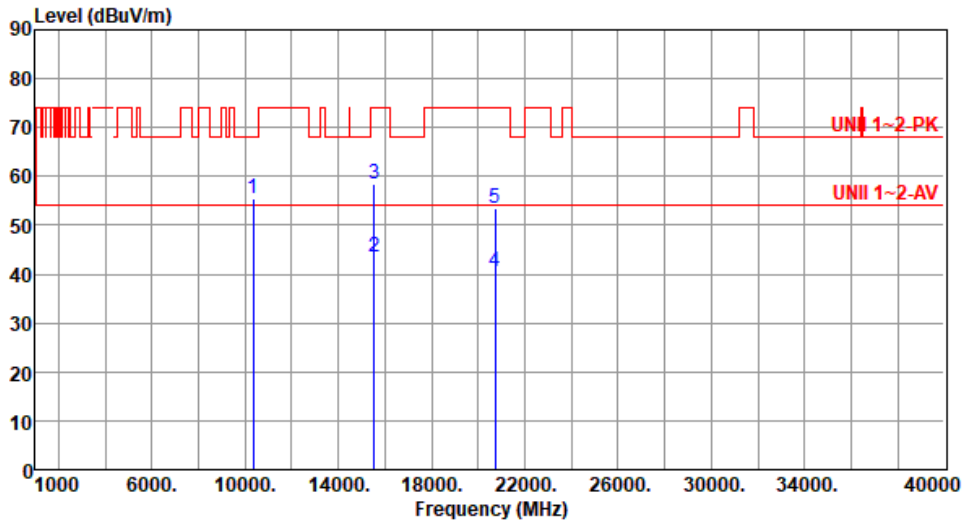
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	10360.00	55.57	68.20	-12.63	48.13	7.44	Peak	100	27
2	15540.00	43.79	54.00	-10.21	39.43	4.36	Average	100	102
3	15540.00	56.79	74.00	-17.21	52.43	4.36	Peak	100	102
4	20720.00	40.18	54.00	-13.82	37.08	3.10	Average	100	227
5	20720.00	53.46	74.00	-20.54	50.36	3.10	Peak	100	227

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 HE20 RU106	Test Freq. (MHz)	5180
Polarization	Vertical		

Test By : Paul Lin      Temperature(°C): 26      Humidity(%): 61



	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	10360.00	55.60	68.20	-12.60	48.16	7.44	Peak	100	117
2	15540.00	43.57	54.00	-10.43	39.21	4.36	Average	100	115
3	15540.00	58.39	74.00	-15.61	54.03	4.36	Peak	100	115
4	20720.00	40.52	54.00	-13.48	37.42	3.10	Average	100	156
5	20720.00	53.46	74.00	-20.54	50.36	3.10	Peak	100	156

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).

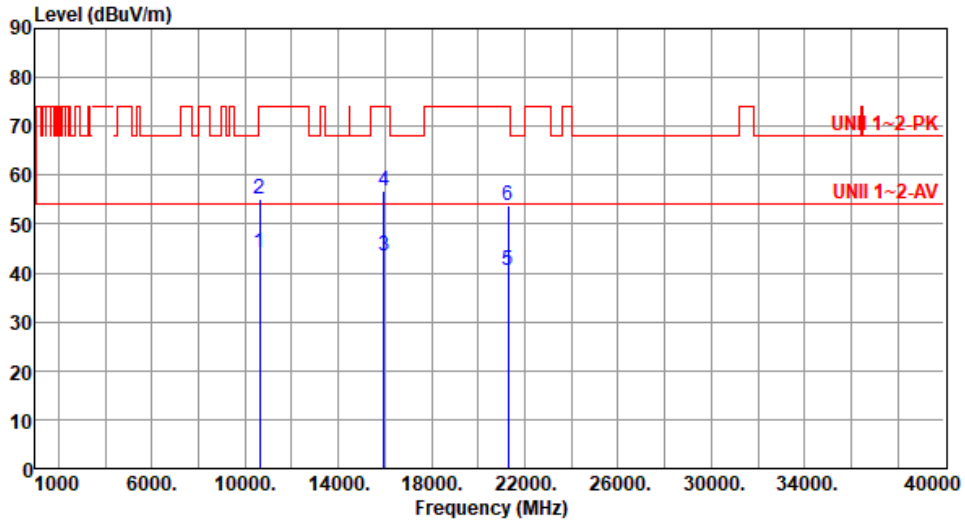


<b>Modulation</b>	ax HE20 RU52	<b>Test Freq. (MHz)</b>	5320						
<b>Polarization</b>	Horizontal								
<p>Test By :Paul Lin      Temperature(°C):26      Humidity(%):61</p>									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	10640.00	42.13	54.00	-11.87	34.65	7.48	Average	100	112
2	10640.00	55.20	74.00	-18.80	47.72	7.48	Peak	100	112
3	15960.00	43.67	54.00	-10.33	39.02	4.65	Average	100	114
4	15960.00	56.03	74.00	-17.97	51.38	4.65	Peak	100	114
5	21280.00	40.65	54.00	-13.35	36.57	4.08	Average	100	241
6	21280.00	53.54	74.00	-20.46	49.46	4.08	Peak	100	241
<p>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).</p>									



Modulation	ax HE20 RU52	Test Freq. (MHz)	5320
Polarization	Vertical		

Test By :Paul Lin      Temperature(°C):26      Humidity(%):61



	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	10640.00	44.20	54.00	-9.80	36.72	7.48	Average	100	102
2	10640.00	54.99	74.00	-19.01	47.51	7.48	Peak	100	102
3	15960.00	43.44	54.00	-10.56	38.79	4.65	Average	100	221
4	15960.00	56.83	74.00	-17.17	52.18	4.65	Peak	100	221
5	21280.00	40.64	54.00	-13.36	36.56	4.08	Average	100	201
6	21280.00	53.80	74.00	-20.20	49.72	4.08	Peak	100	201

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).

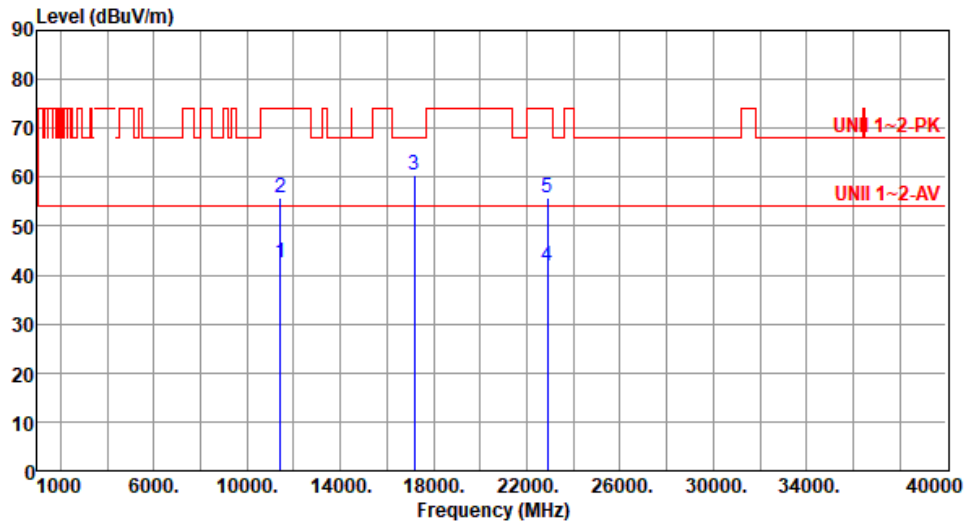


<b>Modulation</b>	ax HE20 RU26	<b>Test Freq. (MHz)</b>	5720						
<b>Polarization</b>	Horizontal								
<p>Test By : Paul Lin      Temperature(°C): 26      Humidity(%): 61</p>									
<p>The graph plots Level (dBuV/m) on the y-axis (0 to 90) against Frequency (MHz) on the x-axis (1000 to 40000). A red line represents the emission level, showing several peaks. Two horizontal red lines indicate limits: UN I 1~2-PK at approximately 74 dBuV/m and UN II 1~2-AV at approximately 55 dBuV/m. Five vertical blue lines mark specific frequency points labeled 1 through 5, corresponding to the data table below.</p>									
	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	11440.00	42.43	54.00	-11.57	35.08	7.35	Average	100	37
2	11440.00	55.93	74.00	-18.07	48.58	7.35	Peak	100	37
3	17160.00	60.50	68.20	-7.70	53.76	6.74	Peak	100	102
4	22880.00	41.81	54.00	-12.19	35.48	6.33	Average	100	168
5	22880.00	55.76	74.00	-18.24	49.43	6.33	Peak	100	168
<p>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).</p>									



Modulation	ax HE20 RU26	Test Freq. (MHz)	5720
Polarization	Vertical		

Test By :Paul Lin      Temperature(°C):26      Humidity(%):61



	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	11440.00	42.59	54.00	-11.41	35.24	7.35	Average	100	102
2	11440.00	55.87	74.00	-18.13	48.52	7.35	Peak	100	102
3	17160.00	60.39	68.20	-7.81	53.65	6.74	Peak	100	221
4	22880.00	41.76	54.00	-12.24	35.43	6.33	Average	100	208
5	22880.00	55.81	74.00	-18.19	49.48	6.33	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).

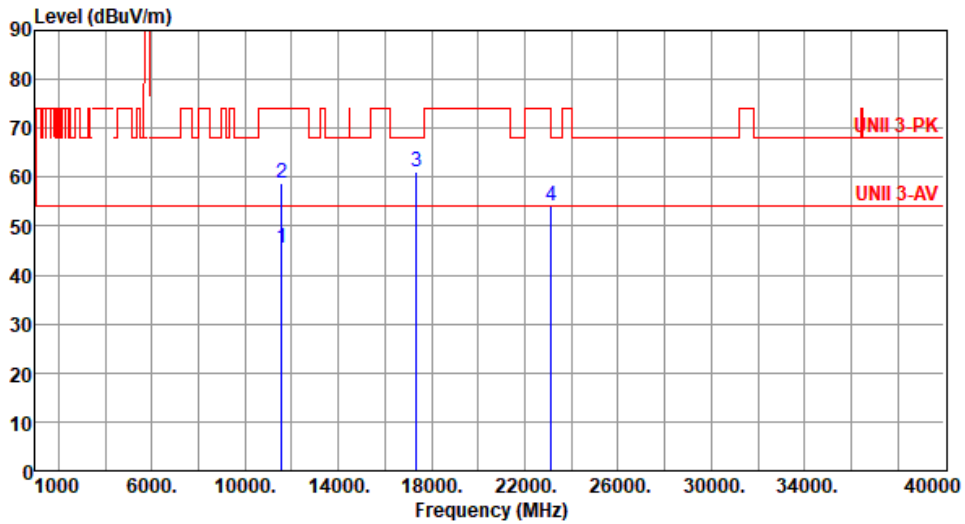


<b>Modulation</b>	ax HE20 RU26	<b>Test Freq. (MHz)</b>	5785						
<b>Polarization</b>	Horizontal								
Test By : Paul Lin		Temperature(°C): 26			Humidity(%): 61				
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11570.00	45.09	54.00	-8.91	37.86	7.23	Average	133	321
2	11570.00	57.34	74.00	-16.66	50.11	7.23	Peak	133	321
3	17355.00	60.13	68.20	-8.07	53.20	6.93	Peak	100	102
4	23140.00	54.08	68.20	-14.12	47.47	6.61	Peak	100	218
<p>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).</p>									



Modulation	ax HE20 RU26	Test Freq. (MHz)	5785
Polarization	Vertical		

Test By :Paul Lin      Temperature(°C):26      Humidity(%):61



	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	11570.00	45.65	54.00	-8.35	38.42	7.23	Average	208	337
2	11570.00	58.91	74.00	-15.09	51.68	7.23	Peak	208	337
3	17355.00	61.20	68.20	-7.00	54.27	6.93	Peak	100	31
4	23140.00	54.15	68.20	-14.05	47.54	6.61	Peak	100	115

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

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

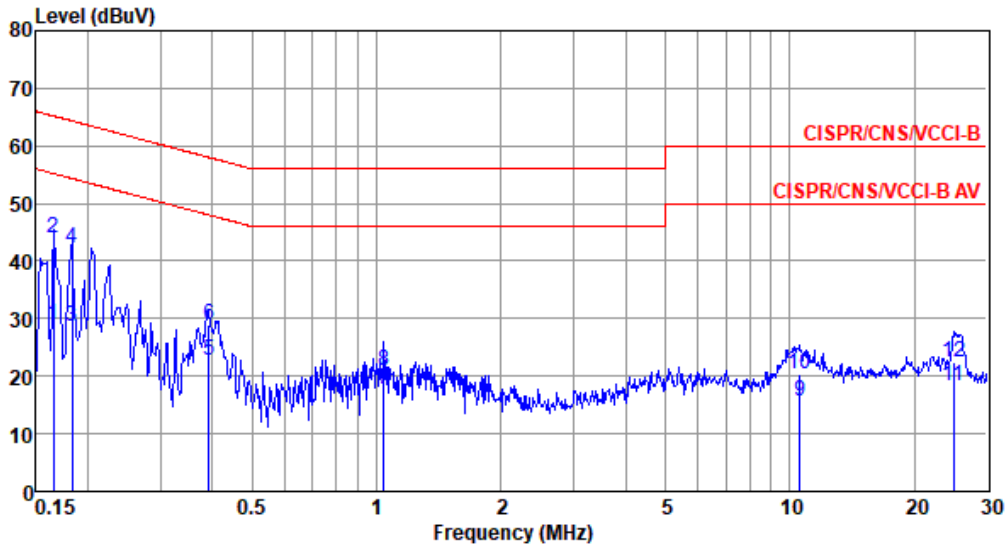
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).





Modulation	ax HE80 RU242	Test Freq. (MHz)	5690
Power Phase	Line		

Test by : Joe Liao      Temperature: 22°C      Humidity: 68%



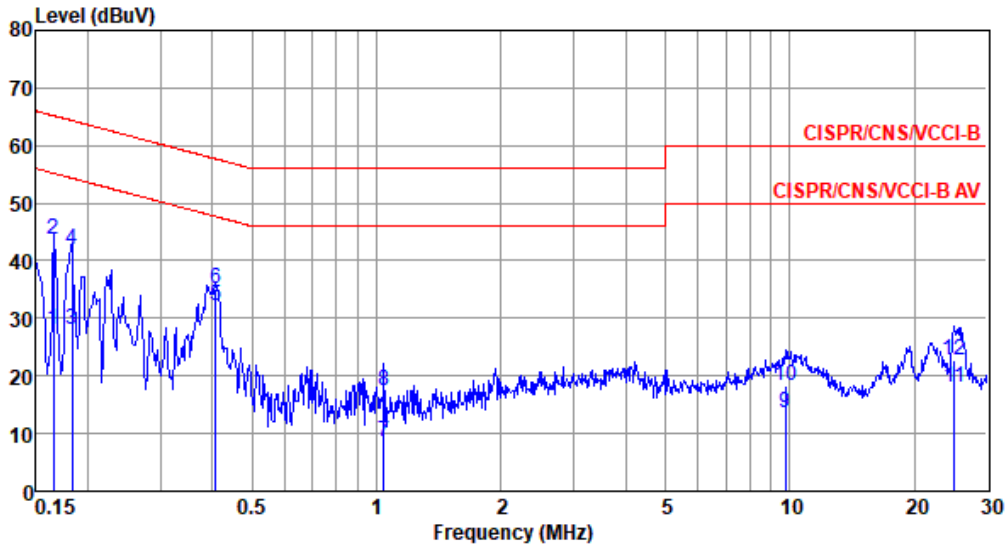
	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.165	29.01	55.21	-26.20	19.09	9.63	0.07	0.22	Average
2*	0.165	44.07	65.21	-21.14	34.15	9.63	0.07	0.22	QP
3	0.183	28.76	54.33	-25.57	18.83	9.62	0.07	0.24	Average
4	0.183	42.21	64.33	-22.12	32.28	9.62	0.07	0.24	QP
5	0.393	22.75	47.99	-25.24	12.72	9.62	0.08	0.33	Average
6	0.393	28.88	57.99	-29.11	18.85	9.62	0.08	0.33	QP
7	1.043	17.84	46.00	-28.16	7.76	9.63	0.09	0.36	Average
8	1.043	20.93	56.00	-35.07	10.85	9.63	0.09	0.36	QP
9	10.564	15.63	50.00	-34.37	5.13	9.69	0.36	0.45	Average
10	10.564	20.51	60.00	-39.49	10.01	9.69	0.36	0.45	QP
11	24.922	18.25	50.00	-31.75	7.37	9.65	0.54	0.69	Average
12	24.922	22.47	60.00	-37.53	11.59	9.65	0.54	0.69	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	ax HE80 RU242	Test Freq. (MHz)	5690
Power Phase	Neutral		

Test by : Joe Liao      Temperature: 22°C      Humidity: 68%



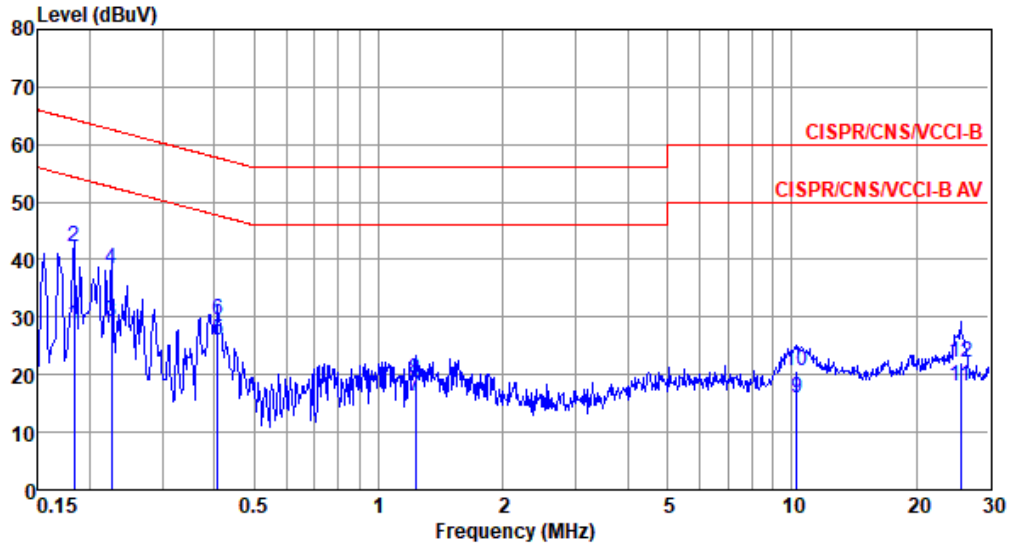
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.165	27.95	55.21	-27.26	18.11	9.63	0.07	0.14	Average
2	0.165	43.81	65.21	-21.40	33.97	9.63	0.07	0.14	QP
3	0.183	28.04	54.33	-26.29	18.18	9.63	0.07	0.16	Average
4	0.183	41.80	64.33	-22.53	31.94	9.63	0.07	0.16	QP
5*	0.408	32.26	47.68	-15.42	22.31	9.62	0.08	0.25	Average
6	0.408	35.13	57.68	-22.55	25.18	9.62	0.08	0.25	QP
7	1.043	8.46	46.00	-37.54	-1.56	9.63	0.09	0.30	Average
8	1.043	17.45	56.00	-38.55	7.43	9.63	0.09	0.30	QP
9	9.757	13.59	50.00	-36.41	3.11	9.71	0.35	0.42	Average
10	9.757	18.29	60.00	-41.71	7.81	9.71	0.35	0.42	QP
11	25.055	17.92	50.00	-32.08	6.97	9.79	0.54	0.62	Average
12	25.055	22.59	60.00	-37.41	11.64	9.79	0.54	0.62	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	ax HE20 RU106	Test Freq. (MHz)	5825
Power Phase	Line		

Test by : Joe Liao      Temperature: 22°C      Humidity: 68%



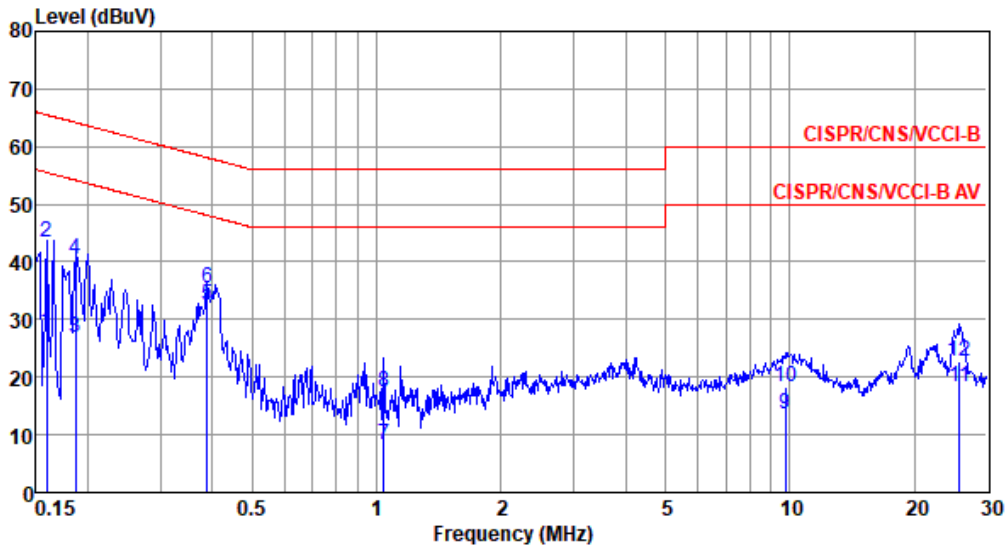
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.183	28.74	54.33	-25.59	18.81	9.62	0.07	0.24	Average
2	0.183	42.14	64.33	-22.19	32.21	9.62	0.07	0.24	QP
3	0.226	29.23	52.61	-23.38	19.29	9.62	0.06	0.26	Average
4	0.226	38.25	62.61	-24.36	28.31	9.62	0.06	0.26	QP
5*	0.408	25.92	47.68	-21.76	15.89	9.62	0.08	0.33	Average
6	0.408	29.50	57.68	-28.18	19.47	9.62	0.08	0.33	QP
7	1.229	16.32	46.00	-29.68	6.22	9.63	0.10	0.37	Average
8	1.229	19.06	56.00	-36.94	8.96	9.63	0.10	0.37	QP
9	10.288	16.03	50.00	-33.97	5.53	9.69	0.36	0.45	Average
10	10.288	20.67	60.00	-39.33	10.17	9.69	0.36	0.45	QP
11	25.591	17.87	50.00	-32.13	6.98	9.64	0.55	0.70	Average
12	25.591	22.10	60.00	-37.90	11.21	9.64	0.55	0.70	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	ax HE20 RU106	Test Freq. (MHz)	5825
Power Phase	Neutral		

Test by : Joe Liao      Temperature: 22°C      Humidity: 68%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.159	27.69	55.52	-27.83	17.85	9.63	0.08	0.13	Average
2	0.159	43.26	65.52	-22.26	33.42	9.63	0.08	0.13	QP
3	0.186	26.76	54.20	-27.44	16.91	9.63	0.06	0.16	Average
4	0.186	40.38	64.20	-23.82	30.53	9.63	0.06	0.16	QP
5*	0.389	32.55	48.08	-15.53	22.60	9.62	0.08	0.25	Average
6	0.389	35.43	58.08	-22.65	25.48	9.62	0.08	0.25	QP
7	1.043	8.34	46.00	-37.66	-1.68	9.63	0.09	0.30	Average
8	1.043	17.34	56.00	-38.66	7.32	9.63	0.09	0.30	QP
9	9.757	13.57	50.00	-36.43	3.09	9.71	0.35	0.42	Average
10	9.757	18.40	60.00	-41.60	7.92	9.71	0.35	0.42	QP
11	25.727	18.38	50.00	-31.62	7.40	9.79	0.55	0.64	Average
12	25.727	22.75	60.00	-37.25	11.77	9.79	0.55	0.64	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).