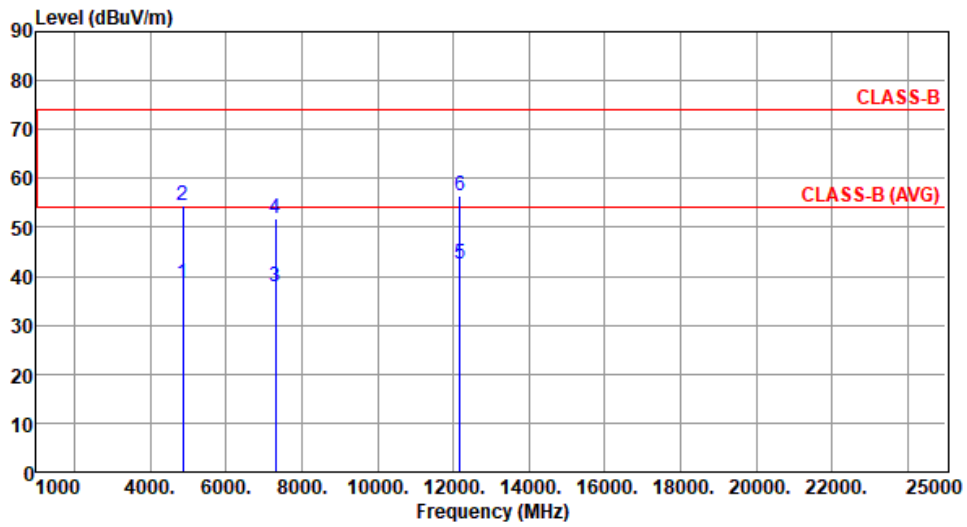




Unwanted Radiated Emissions into Restricted Frequency Bands

Modulation	ax HE20 RU26	Test Freq. (MHz)	2437
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	4874.00	38.51	54.00	-15.49	38.76	-0.25	Average	100	10
2	4874.00	54.30	74.00	-19.70	54.55	-0.25	Peak	100	10
3	7311.00	37.91	54.00	-16.09	32.45	5.46	Average	100	178
4	7311.00	51.69	74.00	-22.31	46.23	5.46	Peak	100	178
5	12185.00	42.39	54.00	-11.61	35.79	6.60	Average	100	201
6	12185.00	56.32	74.00	-17.68	49.72	6.60	Peak	100	201

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

*Factor includes antenna factor, cable loss and amplifier gain

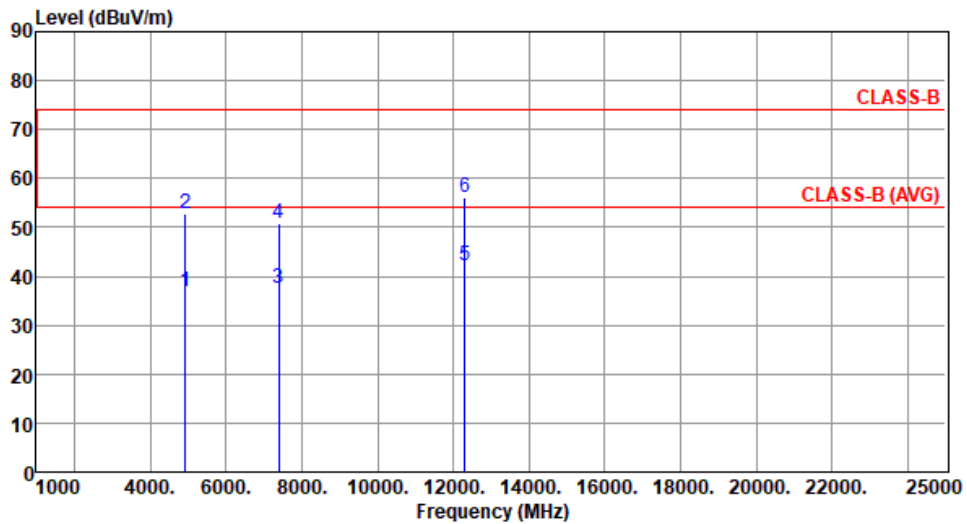
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Radiated Emissions into Restricted Frequency Bands

Modulation	ax HE20 RU26	Test Freq. (MHz)	2462
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	4924.00	36.84	54.00	-17.16	37.03	-0.19	Average	178	348
2	4924.00	52.70	74.00	-21.30	52.89	-0.19	Peak	178	348
3	7386.00	37.59	54.00	-16.41	32.26	5.33	Average	100	177
4	7386.00	50.97	74.00	-23.03	45.64	5.33	Peak	100	177
5	12310.00	42.10	54.00	-11.90	35.73	6.37	Average	100	217
6	12310.00	56.10	74.00	-17.90	49.73	6.37	Peak	100	217

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

*Factor includes antenna factor, cable loss and amplifier gain

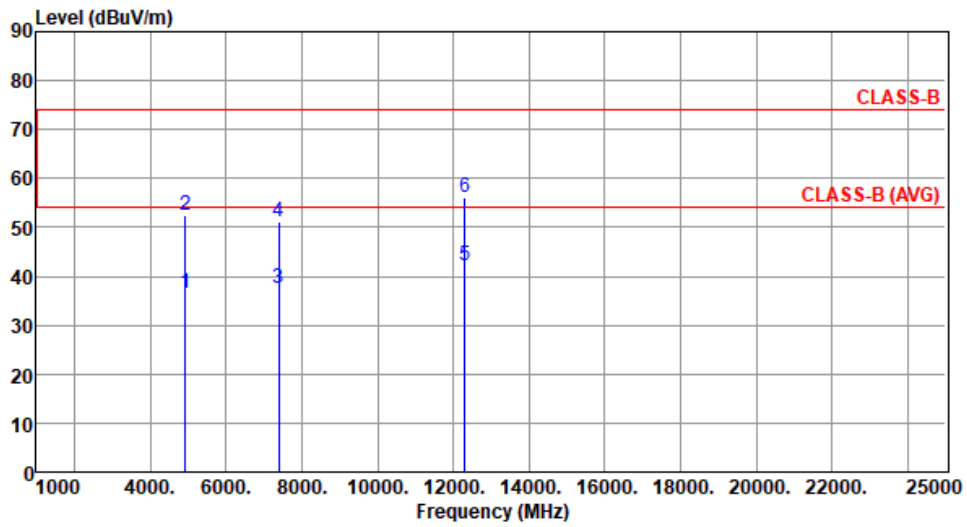
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Radiated Emissions into Restricted Frequency Bands

Modulation	ax HE20 RU26	Test Freq. (MHz)	2462
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	4924.00	36.42	54.00	-17.58	36.61	-0.19	Average	100	14
2	4924.00	52.37	74.00	-21.63	52.56	-0.19	Peak	100	14
3	7386.00	37.61	54.00	-16.39	32.28	5.33	Average	100	177
4	7386.00	50.99	74.00	-23.01	45.66	5.33	Peak	100	177
5	12310.00	42.11	54.00	-11.89	35.74	6.37	Average	100	158
6	12310.00	56.18	74.00	-17.82	49.81	6.37	Peak	100	158

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

*Factor includes antenna factor, cable loss and amplifier gain

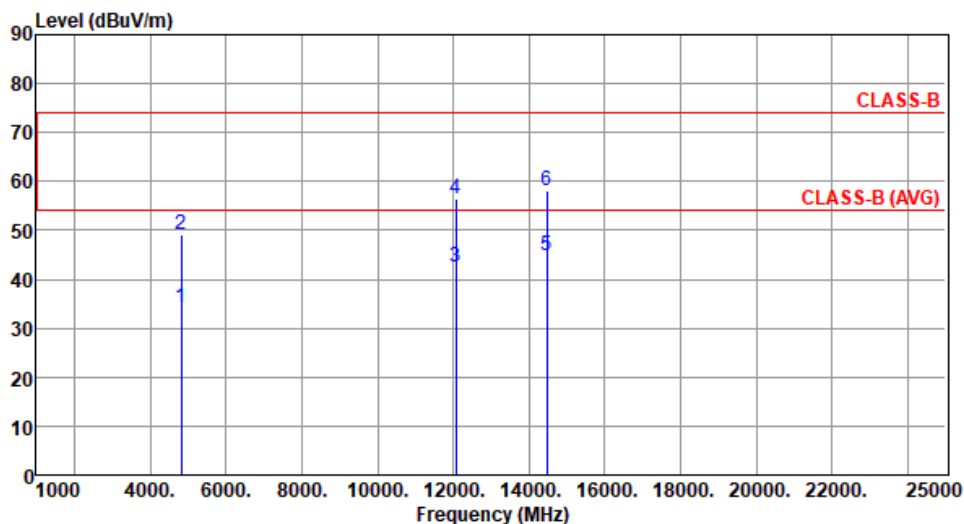
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Emissions (Above 1GHz) for ax HE20 RU52

Modulation	ax HE20 RU52	Test Freq. (MHz)	2412
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	4824.00	34.23	54.00	-19.77	34.49	-0.26	Average	174	353
2	4824.00	49.22	74.00	-24.78	49.48	-0.26	Peak	174	353
3	12060.00	42.38	54.00	-11.62	35.64	6.74	Average	100	258
4	12060.00	56.40	74.00	-17.60	49.66	6.74	Peak	100	258
5	14472.00	44.98	54.00	-9.02	37.60	7.38	Average	100	215
6	14472.00	58.11	74.00	-15.89	50.73	7.38	Peak	100	215

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

*Factor includes antenna factor, cable loss and amplifier gain

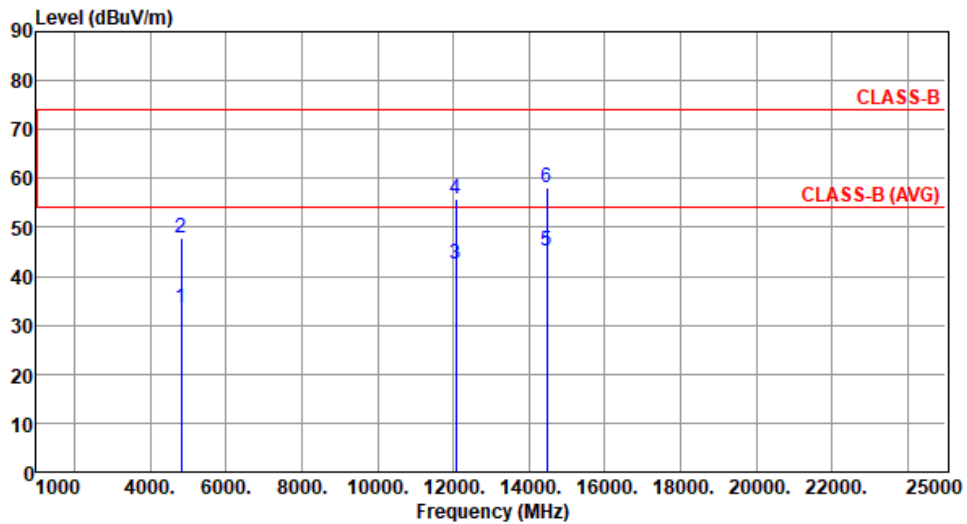
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Radiated Emissions into Restricted Frequency Bands

Modulation	ax HE20 RU52	Test Freq. (MHz)	2412
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	4824.00	33.58	54.00	-20.42	33.84	-0.26	Average	100	11
2	4824.00	47.66	74.00	-26.34	47.92	-0.26	Peak	100	11
3	12060.00	42.40	54.00	-11.60	35.66	6.74	Average	100	177
4	12060.00	55.86	74.00	-18.14	49.12	6.74	Peak	100	177
5	14472.00	45.13	54.00	-8.87	37.75	7.38	Average	100	201
6	14472.00	58.27	74.00	-15.73	50.89	7.38	Peak	100	201

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

*Factor includes antenna factor, cable loss and amplifier gain

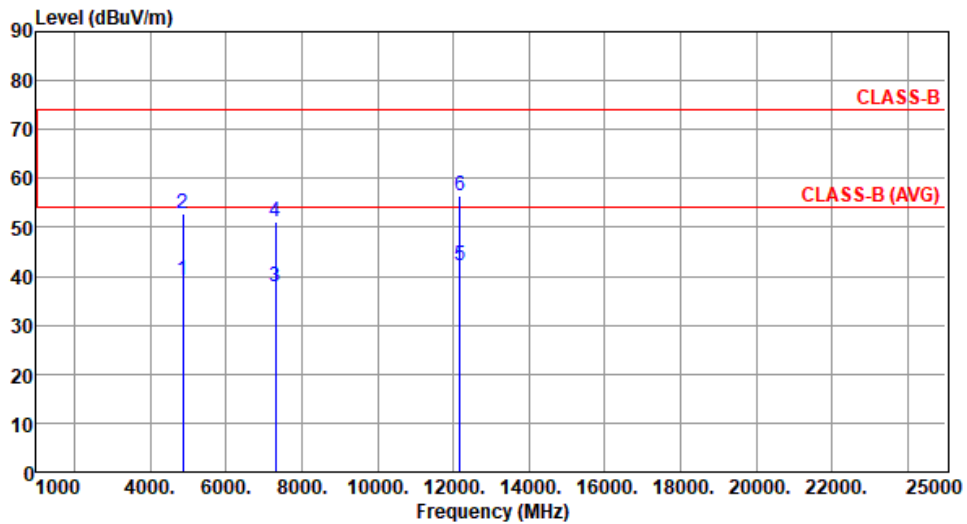
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Radiated Emissions into Restricted Frequency Bands

Modulation	ax HE20 RU52	Test Freq. (MHz)	2437
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	4874.00	39.04	54.00	-14.96	39.29	-0.25	Average	182	335
2	4874.00	52.81	74.00	-21.19	53.06	-0.25	Peak	182	335
3	7311.00	37.88	54.00	-16.12	32.42	5.46	Average	100	178
4	7311.00	51.14	74.00	-22.86	45.68	5.46	Peak	100	178
5	12185.00	42.32	54.00	-11.68	35.72	6.60	Average	100	214
6	12185.00	56.35	74.00	-17.65	49.75	6.60	Peak	100	214

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

*Factor includes antenna factor, cable loss and amplifier gain

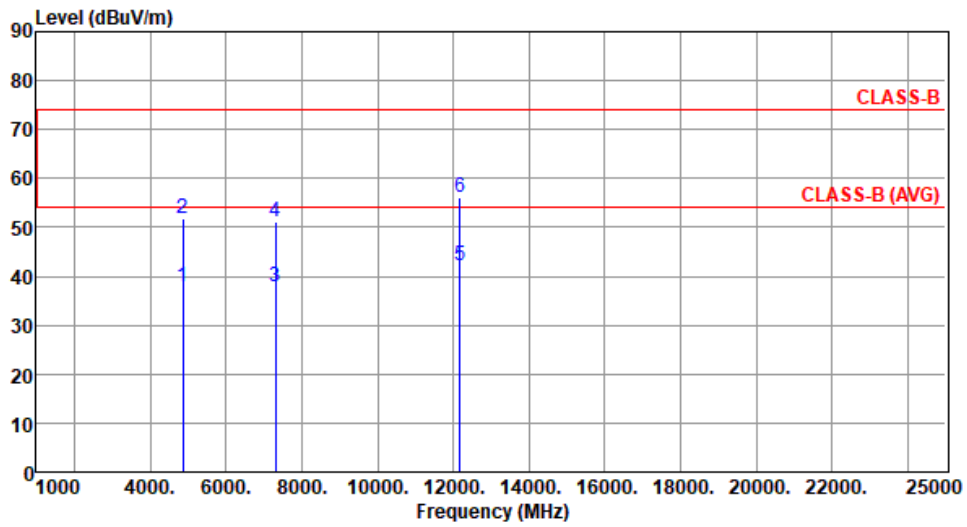
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Radiated Emissions into Restricted Frequency Bands

Modulation	ax HE20 RU52	Test Freq. (MHz)	2437
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	4874.00	37.85	54.00	-16.15	38.10	-0.25	Average	100	11
2	4874.00	51.86	74.00	-22.14	52.11	-0.25	Peak	100	11
3	7311.00	37.73	54.00	-16.27	32.27	5.46	Average	100	108
4	7311.00	51.14	74.00	-22.86	45.68	5.46	Peak	100	108
5	12185.00	42.24	54.00	-11.76	35.64	6.60	Average	100	203
6	12185.00	56.28	74.00	-17.72	49.68	6.60	Peak	100	203

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

*Factor includes antenna factor, cable loss and amplifier gain

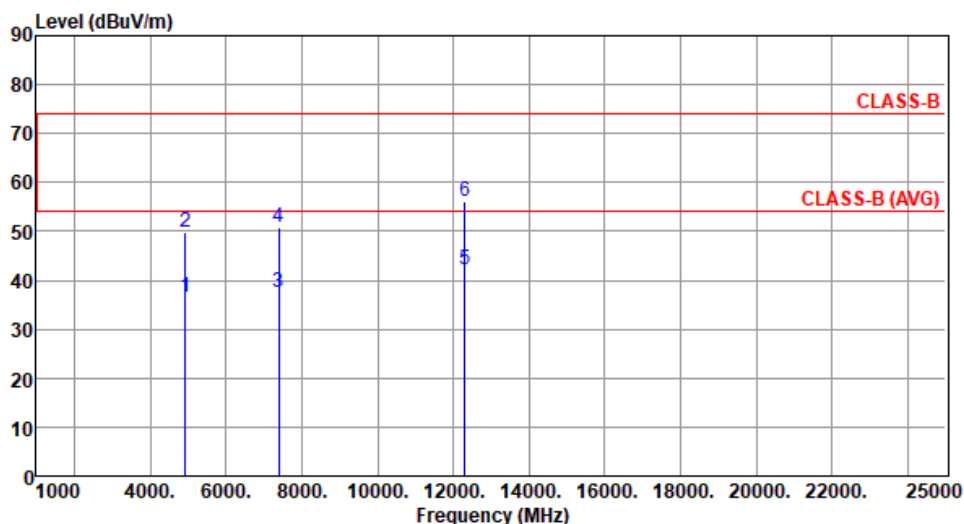
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Radiated Emissions into Restricted Frequency Bands

Modulation	ax HE20 RU52	Test Freq. (MHz)	2462
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	4924.00	36.52	54.00	-17.48	36.71	-0.19	Average	187	352
2	4924.00	49.97	74.00	-24.03	50.16	-0.19	Peak	187	352
3	7386.00	37.56	54.00	-16.44	32.23	5.33	Average	100	177
4	7386.00	50.84	74.00	-23.16	45.51	5.33	Peak	100	177
5	12310.00	42.15	54.00	-11.85	35.78	6.37	Average	100	208
6	12310.00	56.27	74.00	-17.73	49.90	6.37	Peak	100	208

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

*Factor includes antenna factor, cable loss and amplifier gain

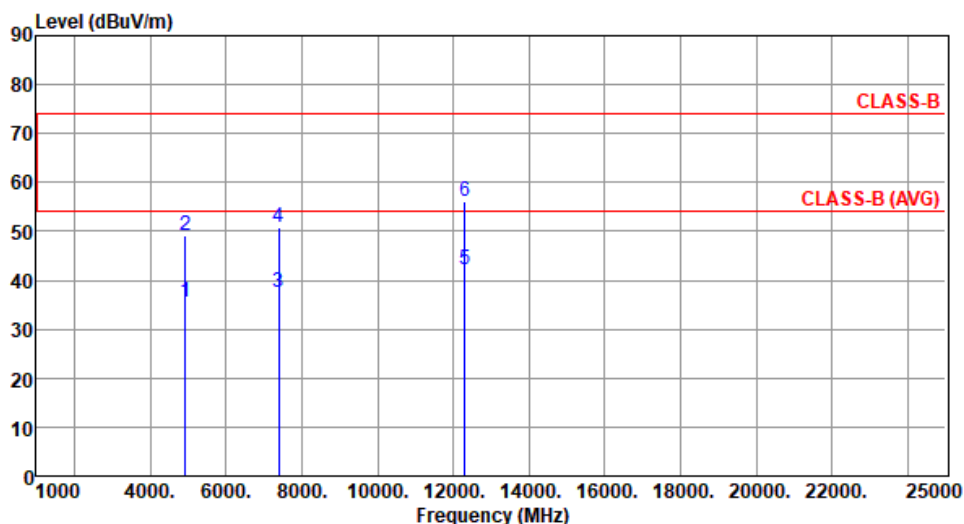
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Radiated Emissions into Restricted Frequency Bands

Modulation	ax HE20 RU52	Test Freq. (MHz)	2462
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	4924.00	35.69	54.00	-18.31	35.88	-0.19	Average	100	13
2	4924.00	49.21	74.00	-24.79	49.40	-0.19	Peak	100	13
3	7386.00	37.49	54.00	-16.51	32.16	5.33	Average	100	106
4	7386.00	50.97	74.00	-23.03	45.64	5.33	Peak	100	106
5	12310.00	42.03	54.00	-11.97	35.66	6.37	Average	100	213
6	12310.00	56.05	74.00	-17.95	49.68	6.37	Peak	100	213

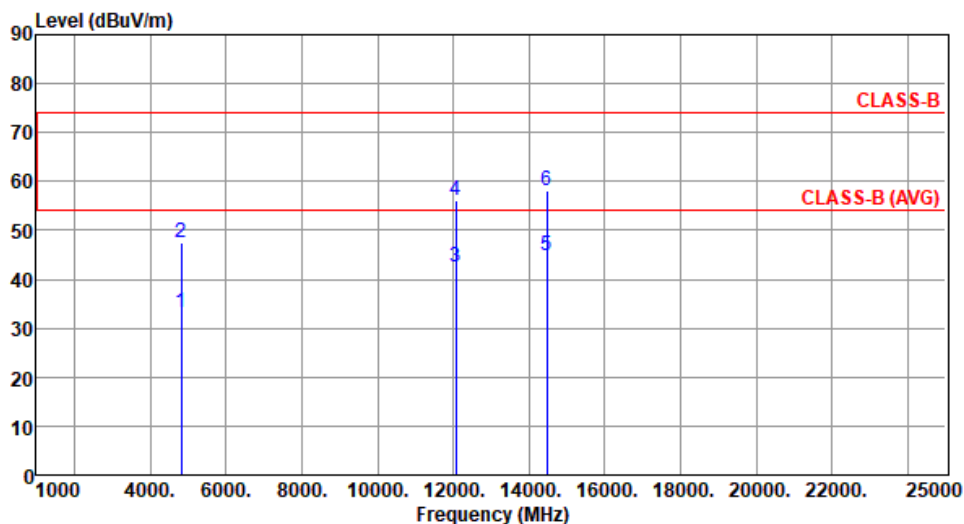
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor, cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Emissions (Above 1GHz) for ax HE20 RU106

Modulation	ax HE20 RU106	Test Freq. (MHz)	2412
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	4824.00	33.22	54.00	-20.78	33.48	-0.26	Average	183	354
2	4824.00	47.40	74.00	-26.60	47.66	-0.26	Peak	183	354
3	12060.00	42.38	54.00	-11.62	35.64	6.74	Average	100	152
4	12060.00	56.00	74.00	-18.00	49.26	6.74	Peak	100	152
5	14472.00	44.97	54.00	-9.03	37.59	7.38	Average	100	146
6	14472.00	58.14	74.00	-15.86	50.76	7.38	Peak	100	146

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

*Factor includes antenna factor, cable loss and amplifier gain

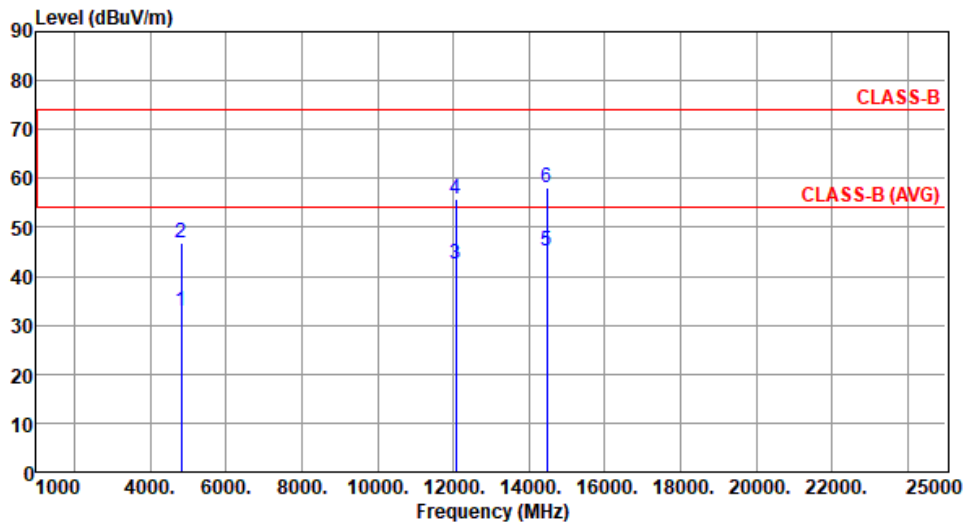
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Radiated Emissions into Restricted Frequency Bands

Modulation	ax HE20 RU106	Test Freq. (MHz)	2412
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	4824.00	32.92	54.00	-21.08	33.18	-0.26	Average	100	2
2	4824.00	46.87	74.00	-27.13	47.13	-0.26	Peak	100	2
3	12060.00	42.38	54.00	-11.62	35.64	6.74	Average	100	126
4	12060.00	55.77	74.00	-18.23	49.03	6.74	Peak	100	126
5	14472.00	45.23	54.00	-8.77	37.85	7.38	Average	100	216
6	14472.00	58.23	74.00	-15.77	50.85	7.38	Peak	100	216

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).

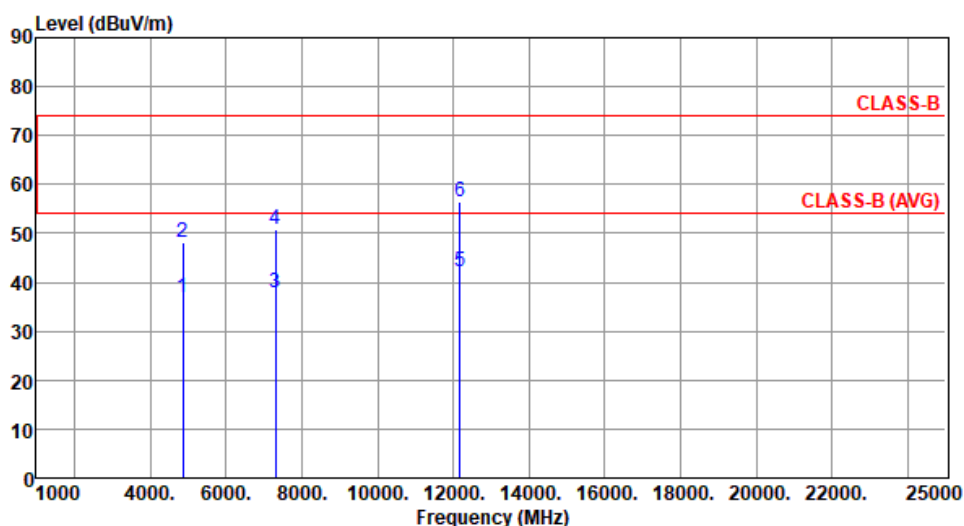


Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE20 RU106	Test Freq. (MHz)	2437
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	4874.00	36.76	54.00	-17.24	37.01	-0.25	Average	184	351
2	4874.00	48.21	74.00	-25.79	48.46	-0.25	Peak	184	351
3	7311.00	37.72	54.00	-16.28	32.26	5.46	Average	100	176
4	7311.00	50.94	74.00	-23.06	45.48	5.46	Peak	100	176
5	12185.00	42.27	54.00	-11.73	35.67	6.60	Average	100	177
6	12185.00	56.42	74.00	-17.58	49.82	6.60	Peak	100	177

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

*Factor includes antenna factor, cable loss and amplifier gain

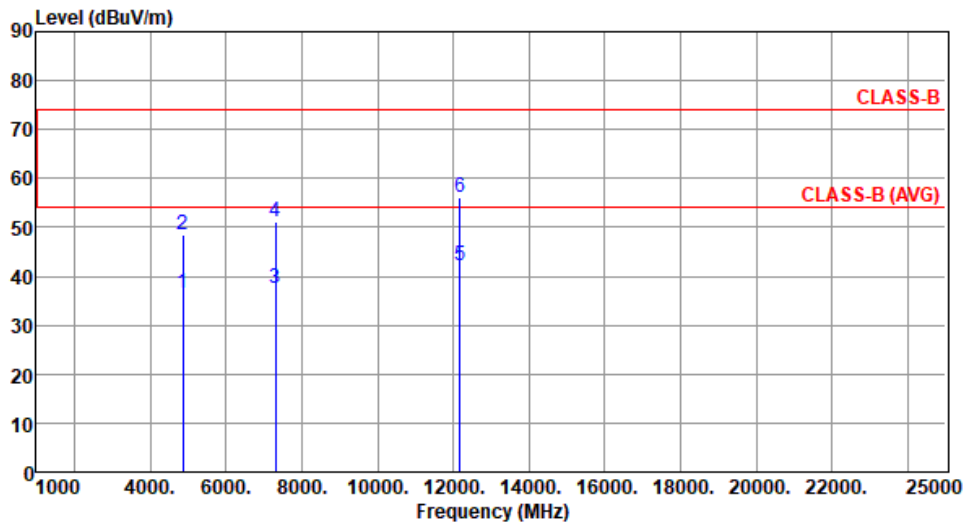
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Radiated Emissions into Restricted Frequency Bands

Modulation	ax HE20 RU106	Test Freq. (MHz)	2437
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	4874.00	36.47	54.00	-17.53	36.72	-0.25	Average	100	8
2	4874.00	48.39	74.00	-25.61	48.64	-0.25	Peak	100	8
3	7311.00	37.62	54.00	-16.38	32.16	5.46	Average	100	177
4	7311.00	51.08	74.00	-22.92	45.62	5.46	Peak	100	177
5	12185.00	42.22	54.00	-11.78	35.62	6.60	Average	100	218
6	12185.00	56.28	74.00	-17.72	49.68	6.60	Peak	100	218

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).

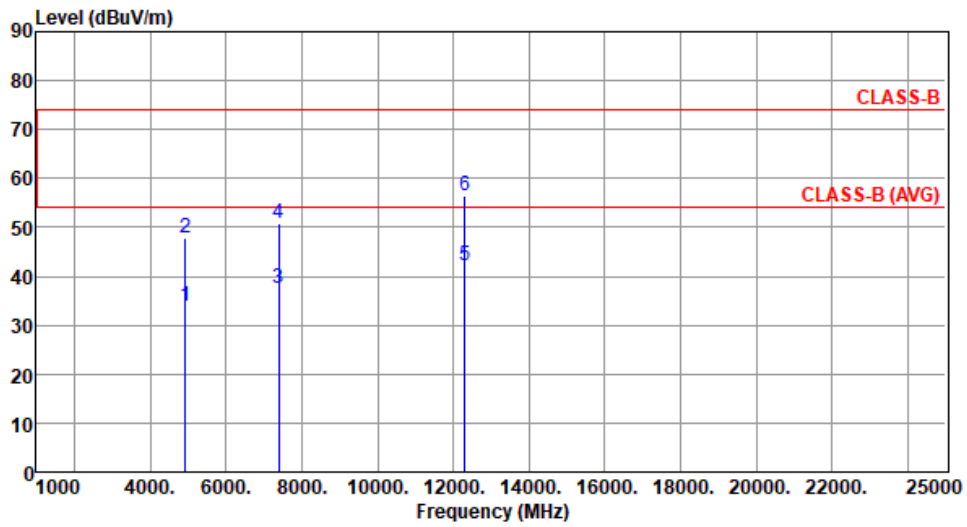


Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE20 RU106	Test Freq. (MHz)	2462
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	4924.00	34.02	54.00	-19.98	34.21	-0.19	Average	182	351
2	4924.00	47.79	74.00	-26.21	47.98	-0.19	Peak	183	351
3	7386.00	37.46	54.00	-16.54	32.13	5.33	Average	100	158
4	7386.00	50.76	74.00	-23.24	45.43	5.33	Peak	100	158
5	12310.00	42.10	54.00	-11.90	35.73	6.37	Average	100	215
6	12310.00	56.30	74.00	-17.70	49.93	6.37	Peak	100	215

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

*Factor includes antenna factor, cable loss and amplifier gain

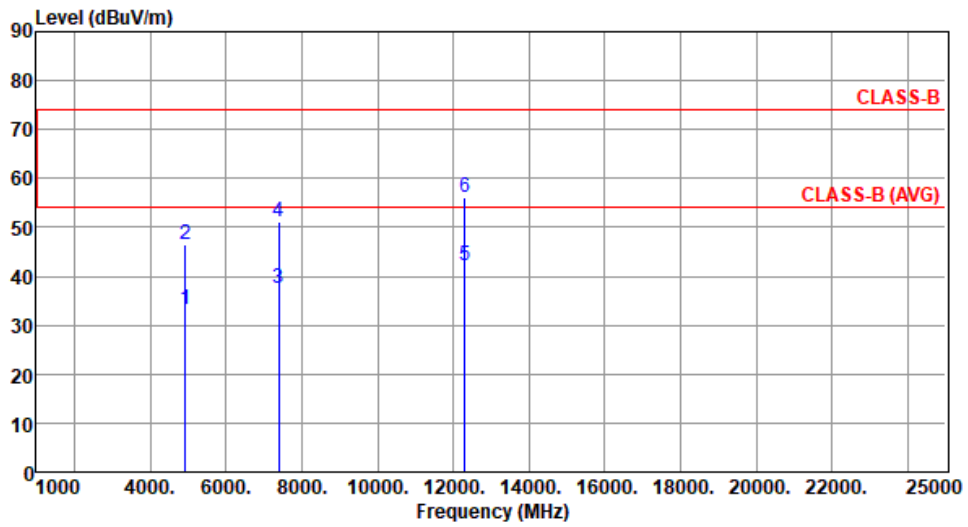
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Radiated Emissions into Restricted Frequency Bands

Modulation	ax HE20 RU106	Test Freq. (MHz)	2462
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	4924.00	33.29	54.00	-20.71	33.48	-0.19	Average	100	11
2	4924.00	46.39	74.00	-27.61	46.58	-0.19	Peak	100	11
3	7386.00	37.57	54.00	-16.43	32.24	5.33	Average	100	201
4	7386.00	51.23	74.00	-22.77	45.90	5.33	Peak	100	201
5	12310.00	42.09	54.00	-11.91	35.72	6.37	Average	100	177
6	12310.00	56.20	74.00	-17.80	49.83	6.37	Peak	100	177

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

*Factor includes antenna factor, cable loss and amplifier gain

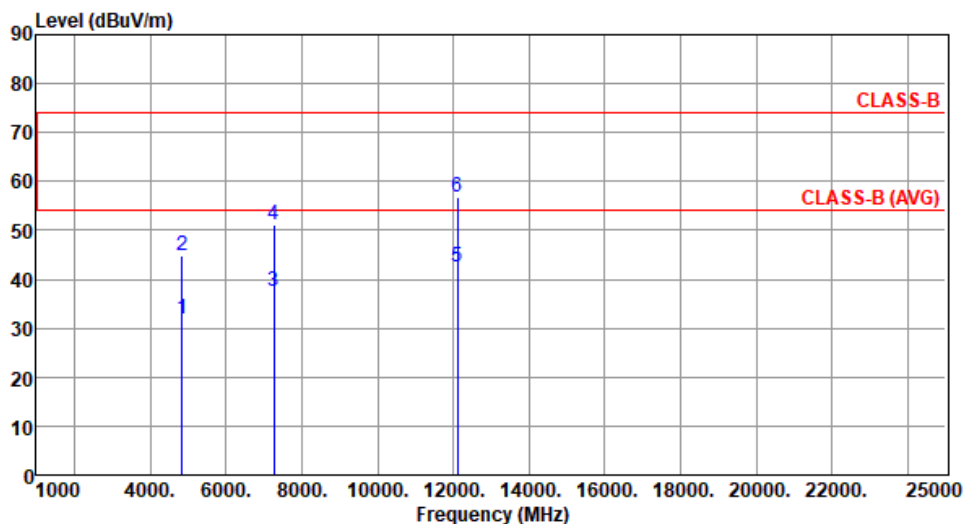
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Emissions (Above 1GHz) for ax HE40 RU242

Modulation	ax HE40 RU242	Test Freq. (MHz)	2422
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	4844.00	31.77	54.00	-22.23	32.03	-0.26	Average	100	178
2	4844.00	44.90	74.00	-29.10	45.16	-0.26	Peak	100	178
3	7266.00	37.64	54.00	-16.36	32.27	5.37	Average	100	208
4	7266.00	51.13	74.00	-22.87	45.76	5.37	Peak	100	208
5	12110.00	42.61	54.00	-11.39	35.74	6.87	Average	100	251
6	12110.00	56.73	74.00	-17.27	49.86	6.87	Peak	100	251

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

*Factor includes antenna factor, cable loss and amplifier gain

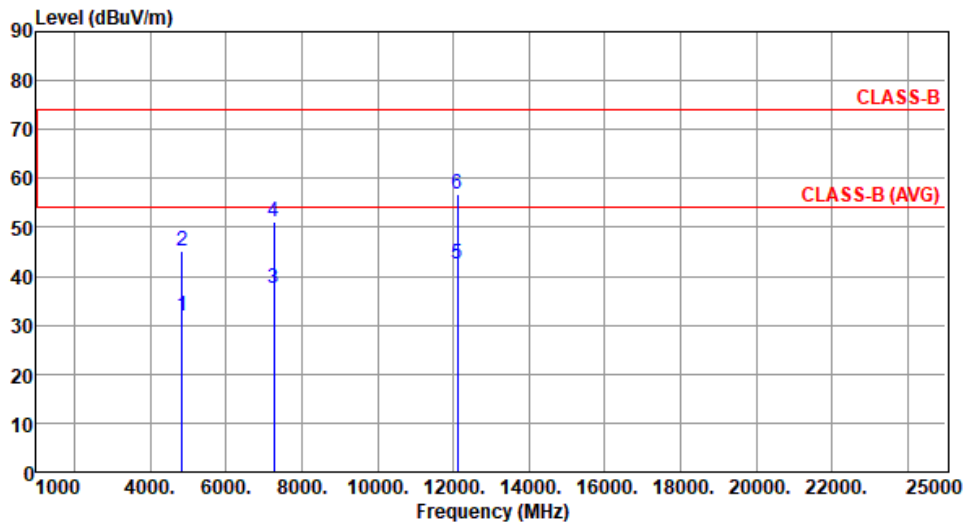
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Radiated Emissions into Restricted Frequency Bands

Modulation	ax HE40 RU242	Test Freq. (MHz)	2422
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	4844.00	31.77	54.00	-22.23	32.03	-0.26	Average	100	177
2	4844.00	45.01	74.00	-28.99	45.27	-0.26	Peak	100	177
3	7266.00	37.66	54.00	-16.34	32.29	5.37	Average	100	108
4	7266.00	51.14	74.00	-22.86	45.77	5.37	Peak	100	108
5	12110.00	42.61	54.00	-11.39	35.74	6.87	Average	100	203
6	12110.00	56.68	74.00	-17.32	49.81	6.87	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).

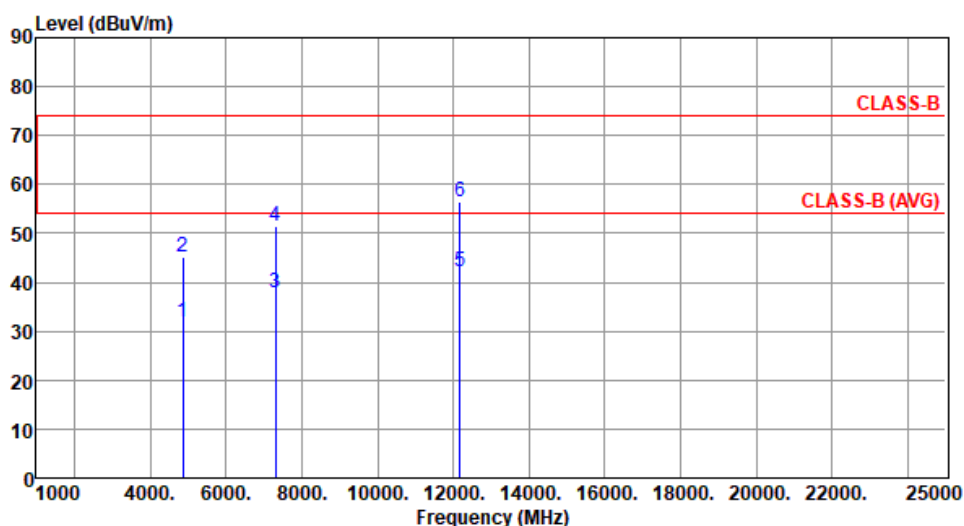


Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE40 RU242	Test Freq. (MHz)	2437
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	4874.00	31.87	54.00	-22.13	32.12	-0.25	Average	100	186
2	4874.00	45.01	74.00	-28.99	45.26	-0.25	Peak	100	186
3	7311.00	37.75	54.00	-16.25	32.29	5.46	Average	100	203
4	7311.00	51.32	74.00	-22.68	45.86	5.46	Peak	100	203
5	12185.00	42.27	54.00	-11.73	35.67	6.60	Average	100	188
6	12185.00	56.36	74.00	-17.64	49.76	6.60	Peak	100	188

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).

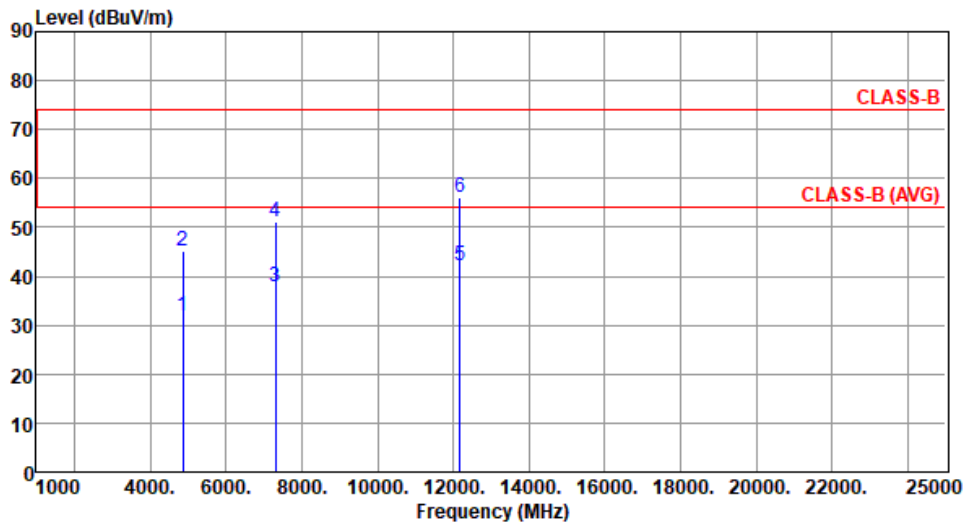


Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.7

Modulation	ax HE40 RU242	Test Freq. (MHz)	2437
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	4874.00	31.86	54.00	-22.14	32.11	-0.25	Average	100	157
2	4874.00	45.06	74.00	-28.94	45.31	-0.25	Peak	100	157
3	7311.00	37.71	54.00	-16.29	32.25	5.46	Average	100	221
4	7311.00	51.25	74.00	-22.75	45.79	5.46	Peak	100	221
5	12185.00	42.27	54.00	-11.73	35.67	6.60	Average	100	177
6	12185.00	56.26	74.00	-17.74	49.66	6.60	Peak	100	177

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

*Factor includes antenna factor, cable loss and amplifier gain

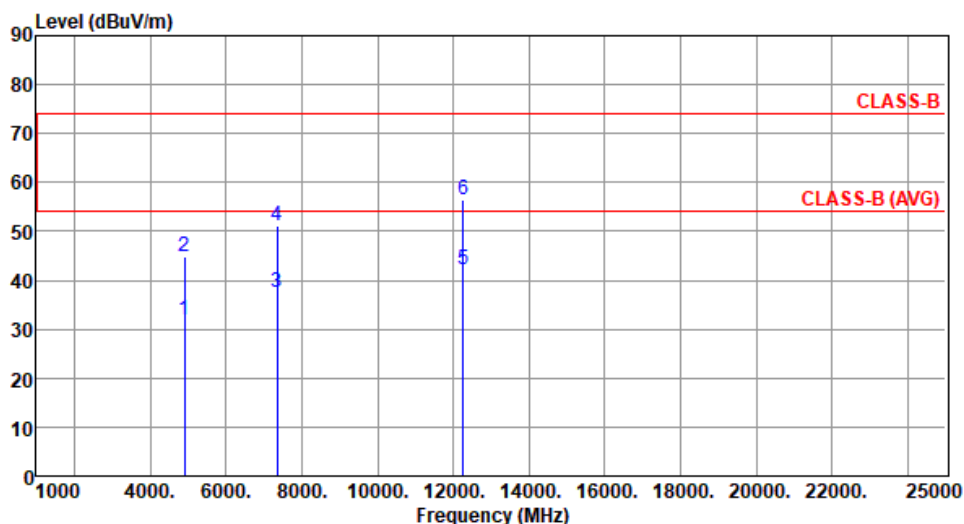
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Radiated Emissions into Restricted Frequency Bands

Modulation	ax HE40 RU242	Test Freq. (MHz)	2452
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	4904.00	31.92	54.00	-22.08	32.16	-0.24	Average	100	178
2	4904.00	44.99	74.00	-29.01	45.23	-0.24	Peak	100	178
3	7356.00	37.63	54.00	-16.37	32.28	5.35	Average	100	222
4	7356.00	51.29	74.00	-22.71	45.94	5.35	Peak	100	222
5	12260.00	42.28	54.00	-11.72	35.84	6.44	Average	100	222
6	12260.00	56.41	74.00	-17.59	49.97	6.44	Peak	100	222

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

*Factor includes antenna factor, cable loss and amplifier gain

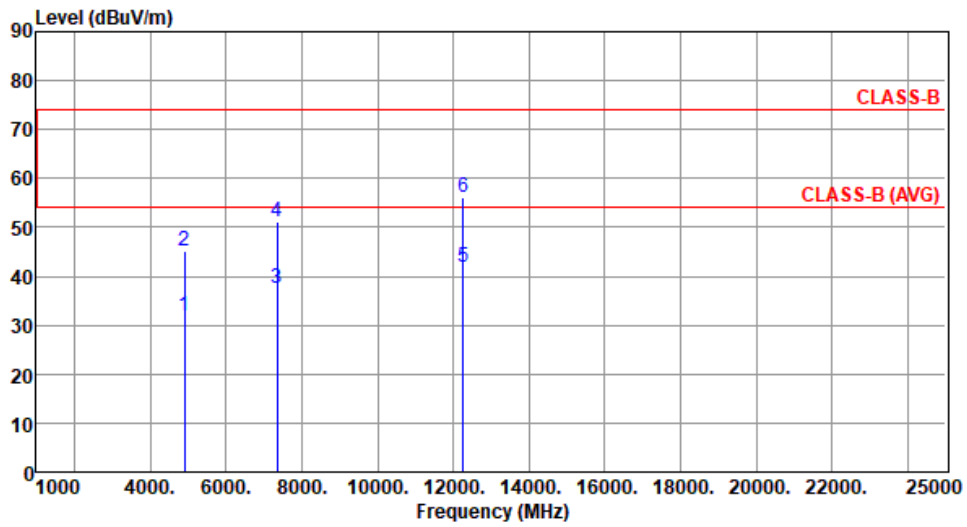
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Radiated Emissions into Restricted Frequency Bands

Modulation	ax HE40 RU242	Test Freq. (MHz)	2452
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	4904.00	31.91	54.00	-22.09	32.15	-0.24	Average	100	157
2	4904.00	45.09	74.00	-28.91	45.33	-0.24	Peak	100	157
3	7356.00	37.66	54.00	-16.34	32.31	5.35	Average	100	228
4	7356.00	51.23	74.00	-22.77	45.88	5.35	Peak	100	228
5	12260.00	42.00	54.00	-12.00	35.56	6.44	Average	100	231
6	12260.00	56.18	74.00	-17.82	49.74	6.44	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).

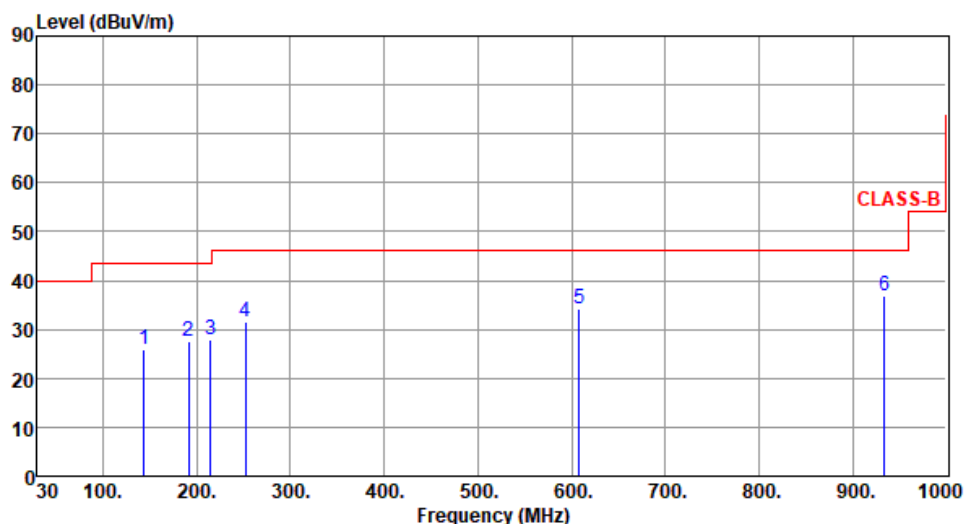


ST Module

Unwanted Emissions (Below 1GHz)

Modulation	ax HE20 RU52	Test Freq. (MHz)	2437
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	143.49	25.96	43.50	-17.54	34.95	-8.99	Peak	---	---
2	191.84	27.66	43.50	-15.84	39.07	-11.41	Peak	---	---
3	215.27	27.91	43.50	-15.59	39.86	-11.95	Peak	---	---
4	252.13	31.52	46.00	-14.48	41.42	-9.90	Peak	---	---
5	608.12	34.25	46.00	-11.75	34.63	-0.38	Peak	---	---
6	934.04	36.79	46.00	-9.21	31.74	5.05	Peak	---	---

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

*Factor includes antenna factor, cable loss and amplifier gain

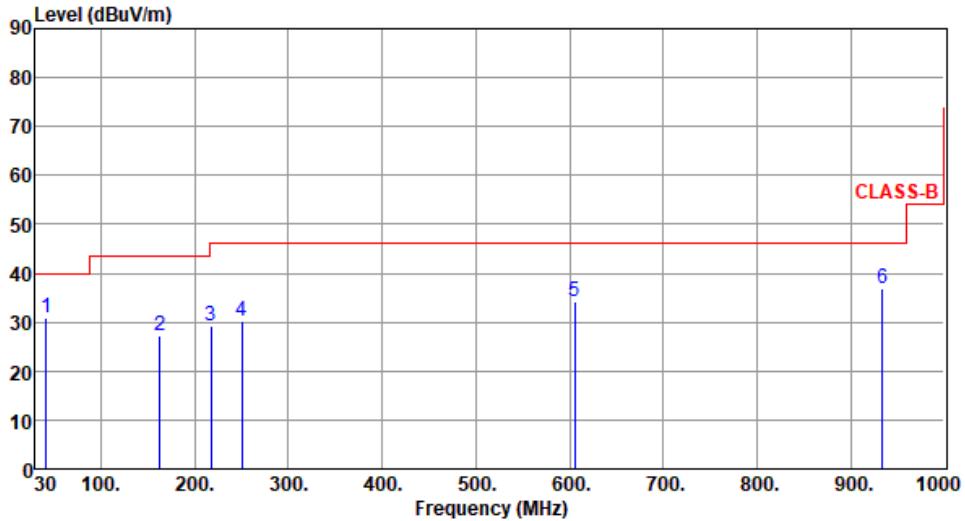
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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



Modulation	ax HE20 RU52	Test Freq. (MHz)	2437
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	41.64	30.78	40.00	-9.22	39.33	-8.55	Peak	---	---
2	162.89	27.21	43.50	-16.29	36.05	-8.84	Peak	---	---
3	217.21	29.30	46.00	-16.70	41.22	-11.92	Peak	---	---
4	250.19	30.21	46.00	-15.79	40.16	-9.95	Peak	---	---
5	605.21	34.05	46.00	-11.95	34.50	-0.45	Peak	---	---
6	934.04	36.86	46.00	-9.14	31.81	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).

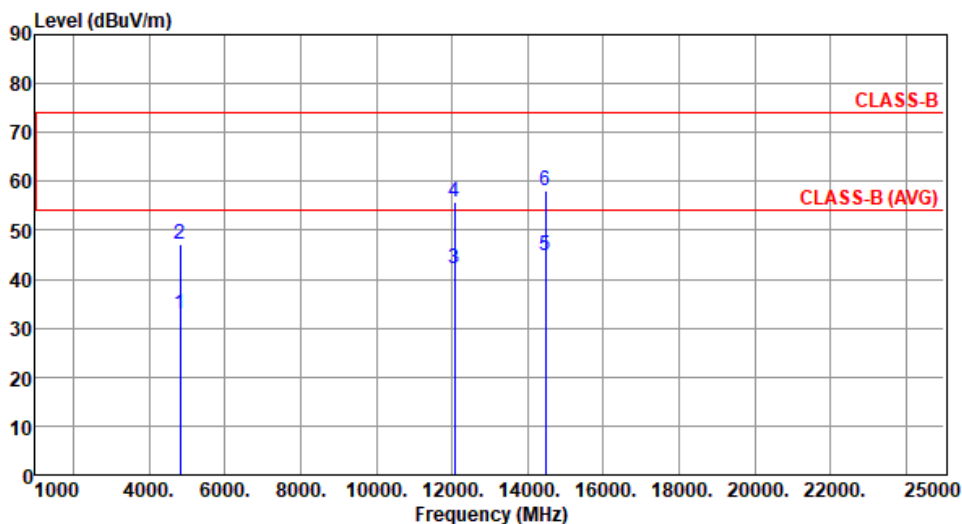
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



Unwanted Emission (Above 1GHz)

Modulation	ax HE20 RU106	Test Freq. (MHz)	2412
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	4824.00	32.98	54.00	-21.02	33.24	-0.26	Average	175	334
2	4824.00	47.32	74.00	-26.68	47.58	-0.26	Peak	175	334
3	12060.00	42.28	54.00	-11.72	35.54	6.74	Average	100	146
4	12060.00	55.87	74.00	-18.13	49.13	6.74	Peak	100	146
5	14472.00	44.83	54.00	-9.17	37.45	7.38	Average	100	155
6	14472.00	58.03	74.00	-15.97	50.65	7.38	Peak	100	155

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

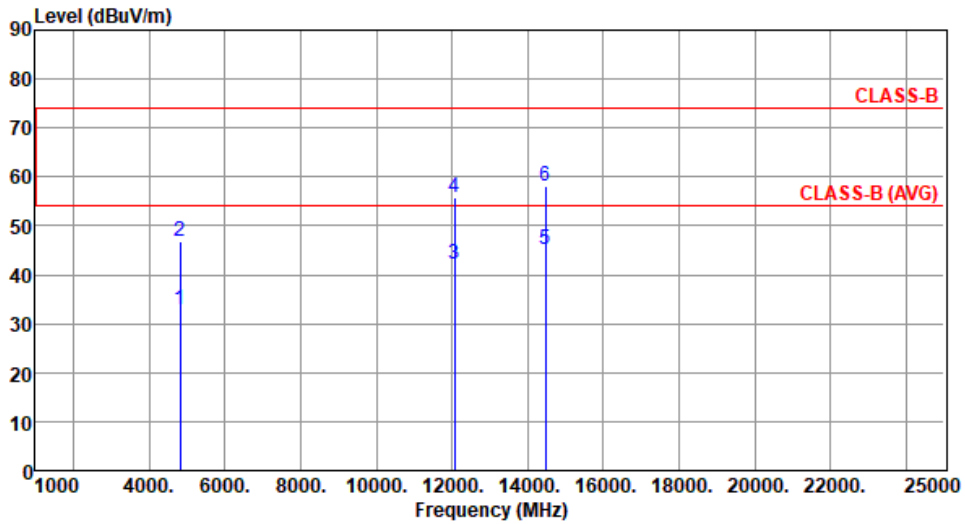
*Factor includes antenna factor, cable loss and amplifier gain

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



Modulation	ax HE20 RU106	Test Freq. (MHz)	2412
Polarization	Vertical		

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

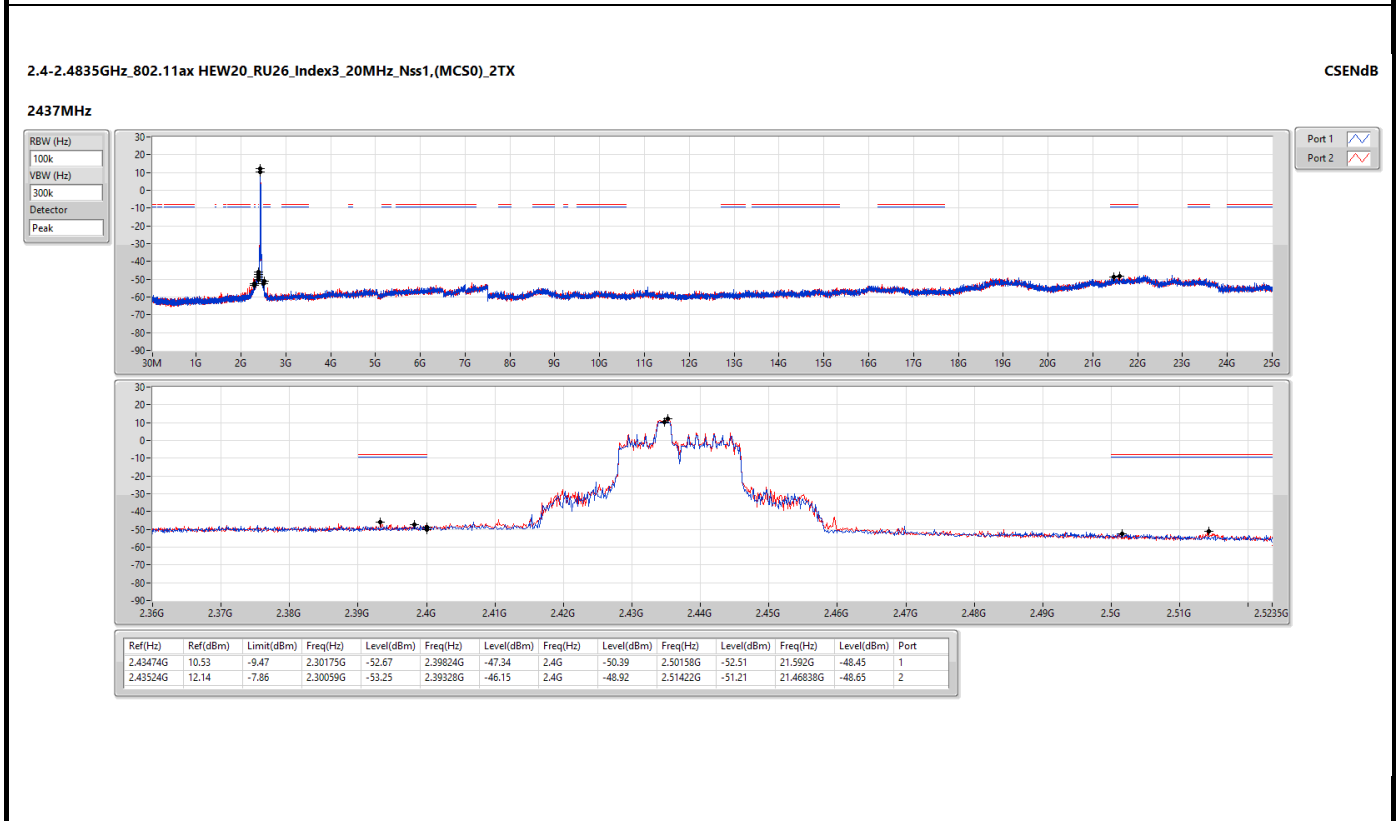
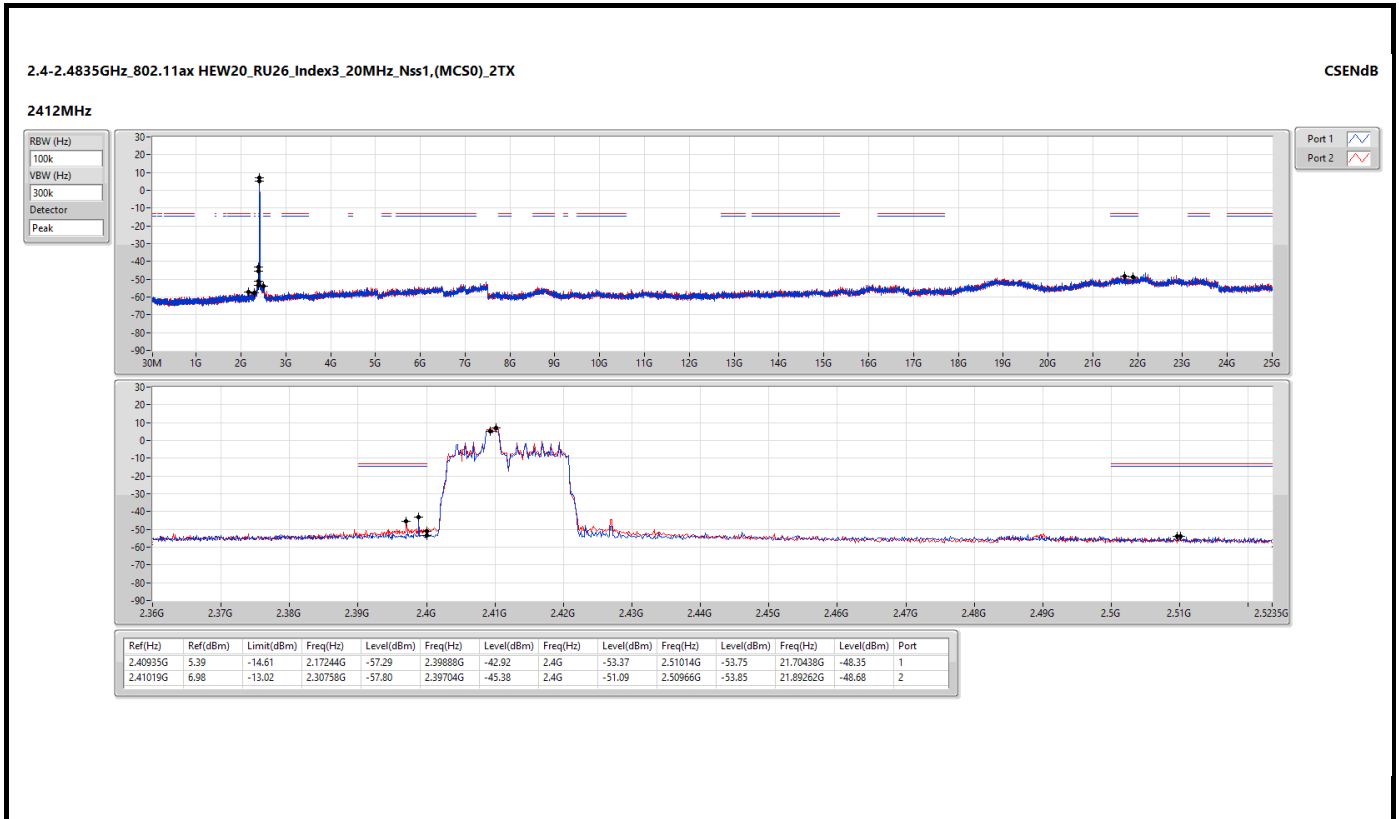


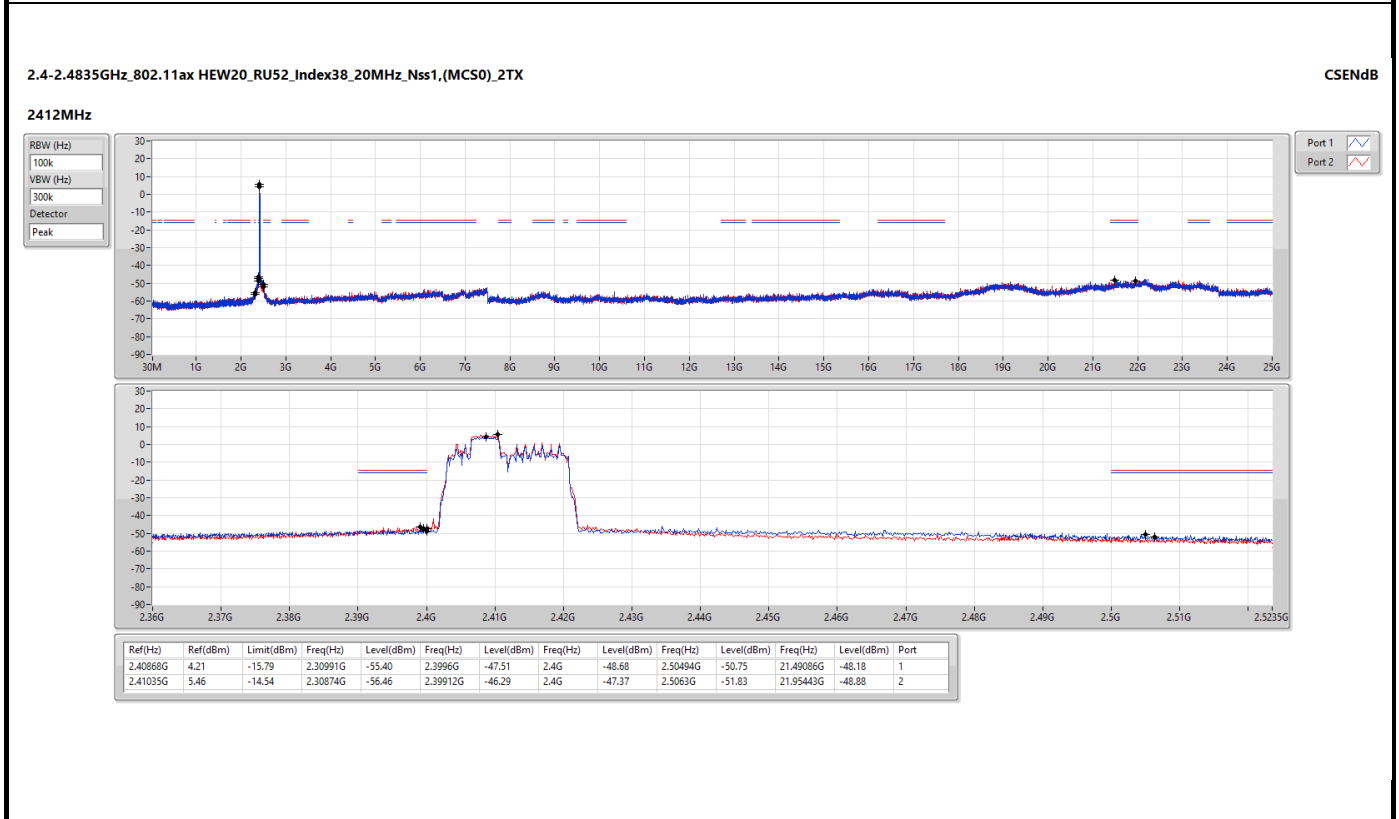
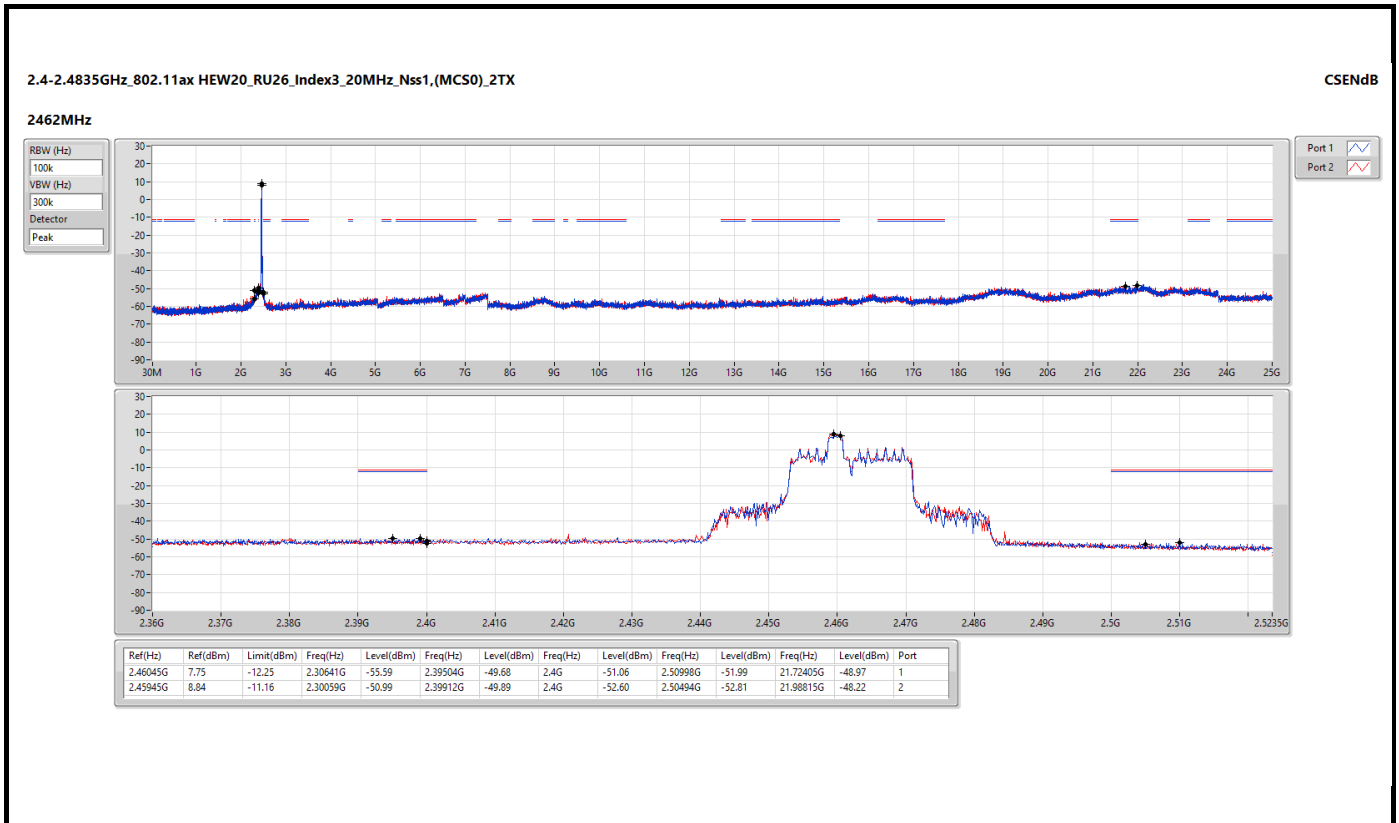
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4824.00	32.89	54.00	-21.11	33.15	-0.26	Average	100	23
2	4824.00	46.82	74.00	-27.18	47.08	-0.26	Peak	100	23
3	12060.00	42.28	54.00	-11.72	35.54	6.74	Average	100	135
4	12060.00	55.68	74.00	-18.32	48.94	6.74	Peak	100	135
5	14472.00	45.10	54.00	-8.90	37.72	7.38	Average	100	220
6	14472.00	58.03	74.00	-15.97	50.65	7.38	Peak	100	220

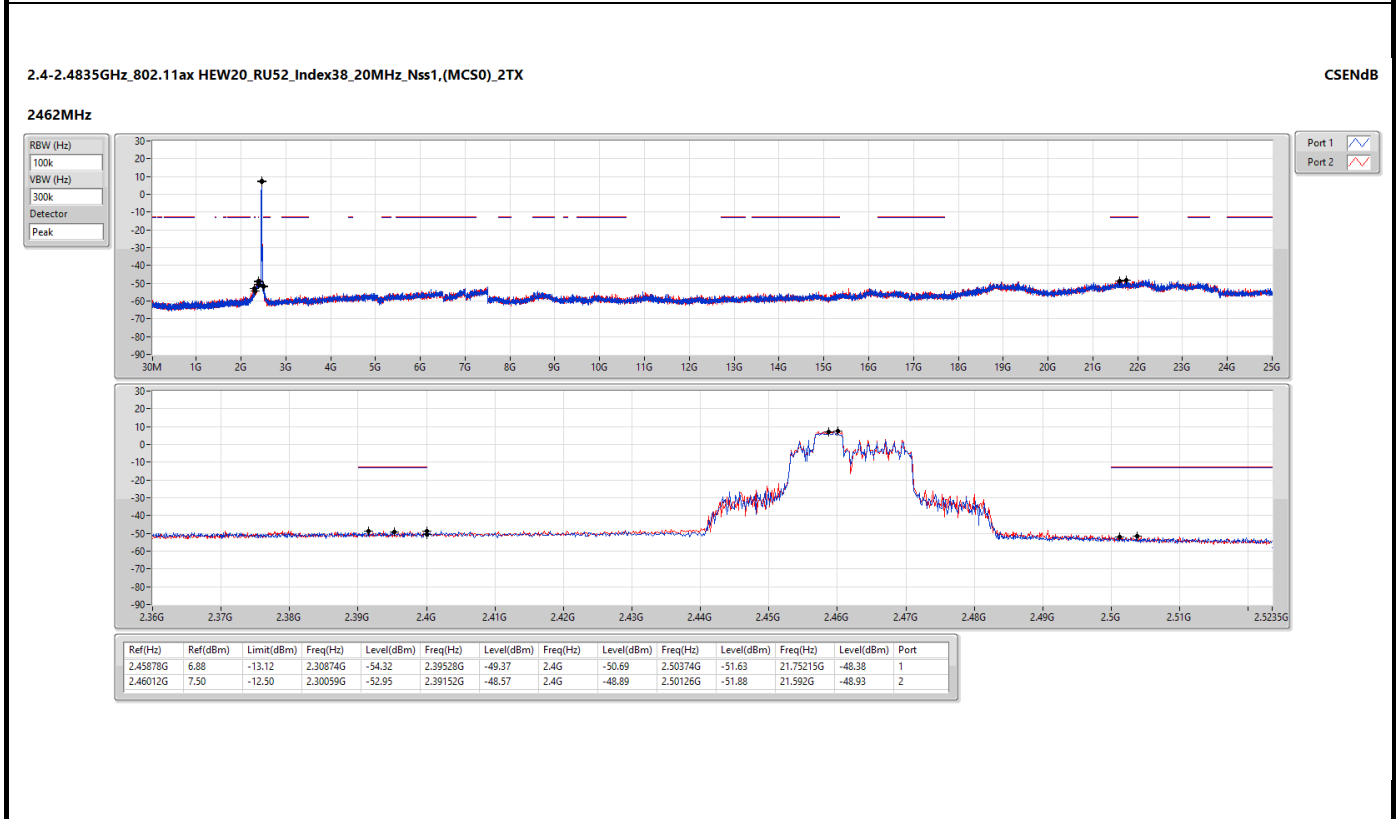
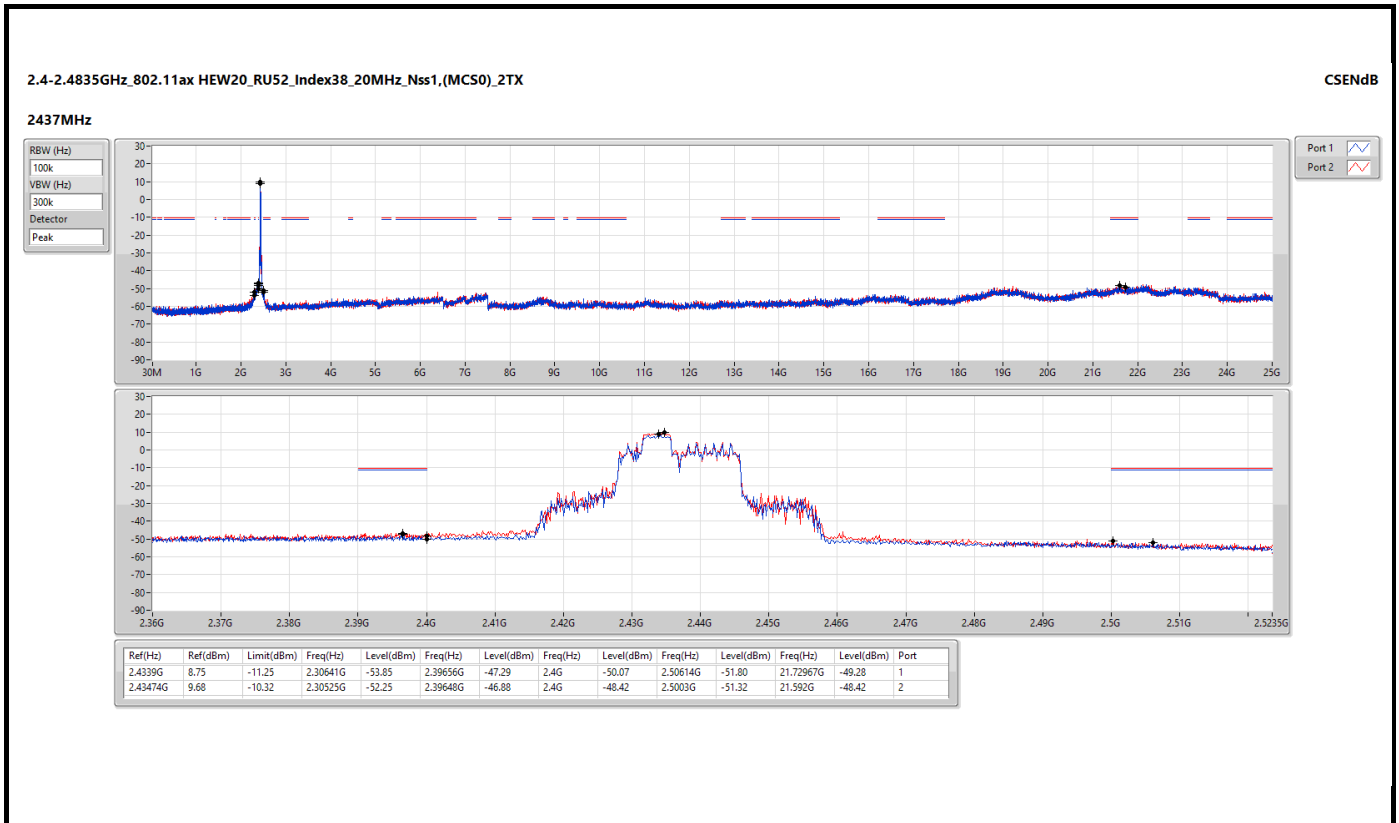
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

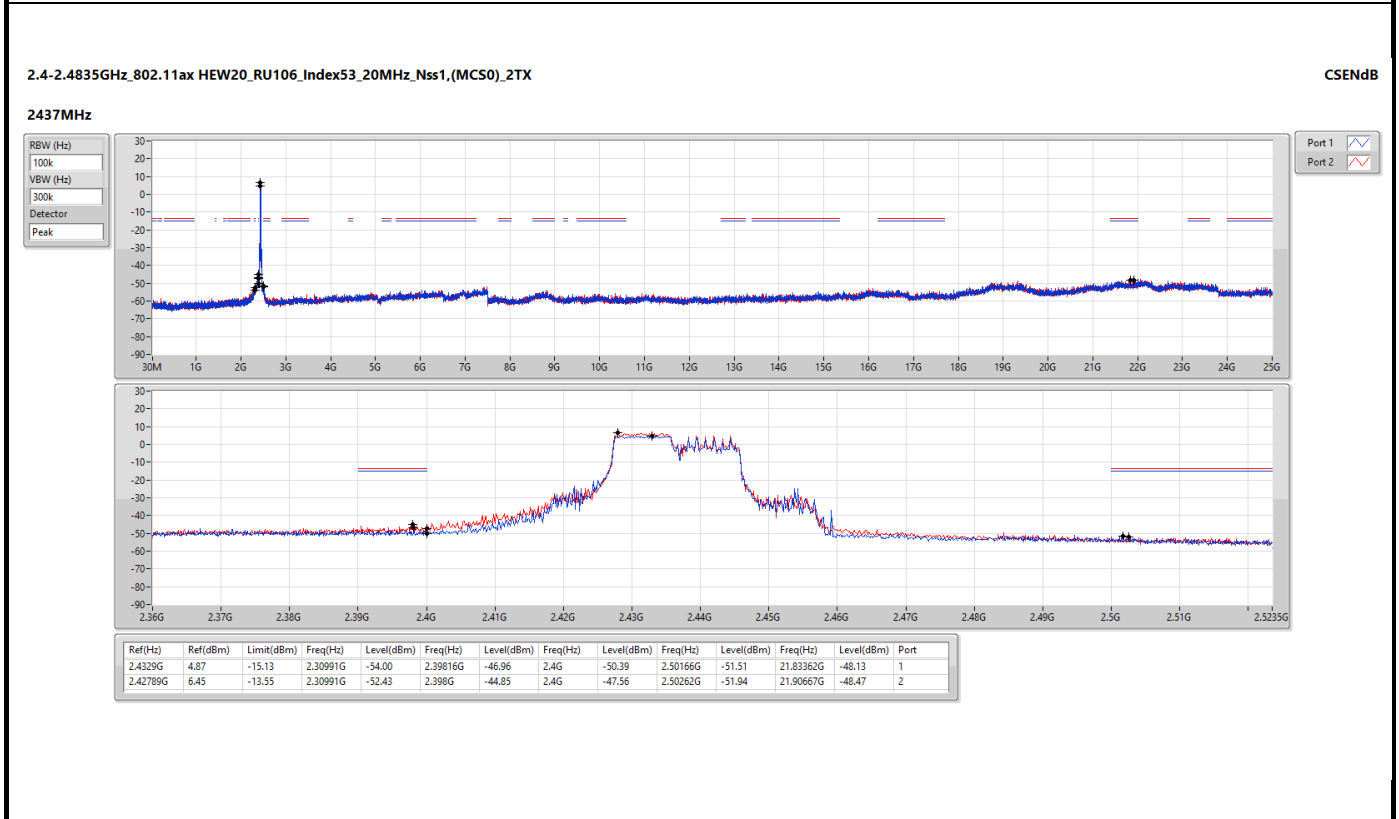
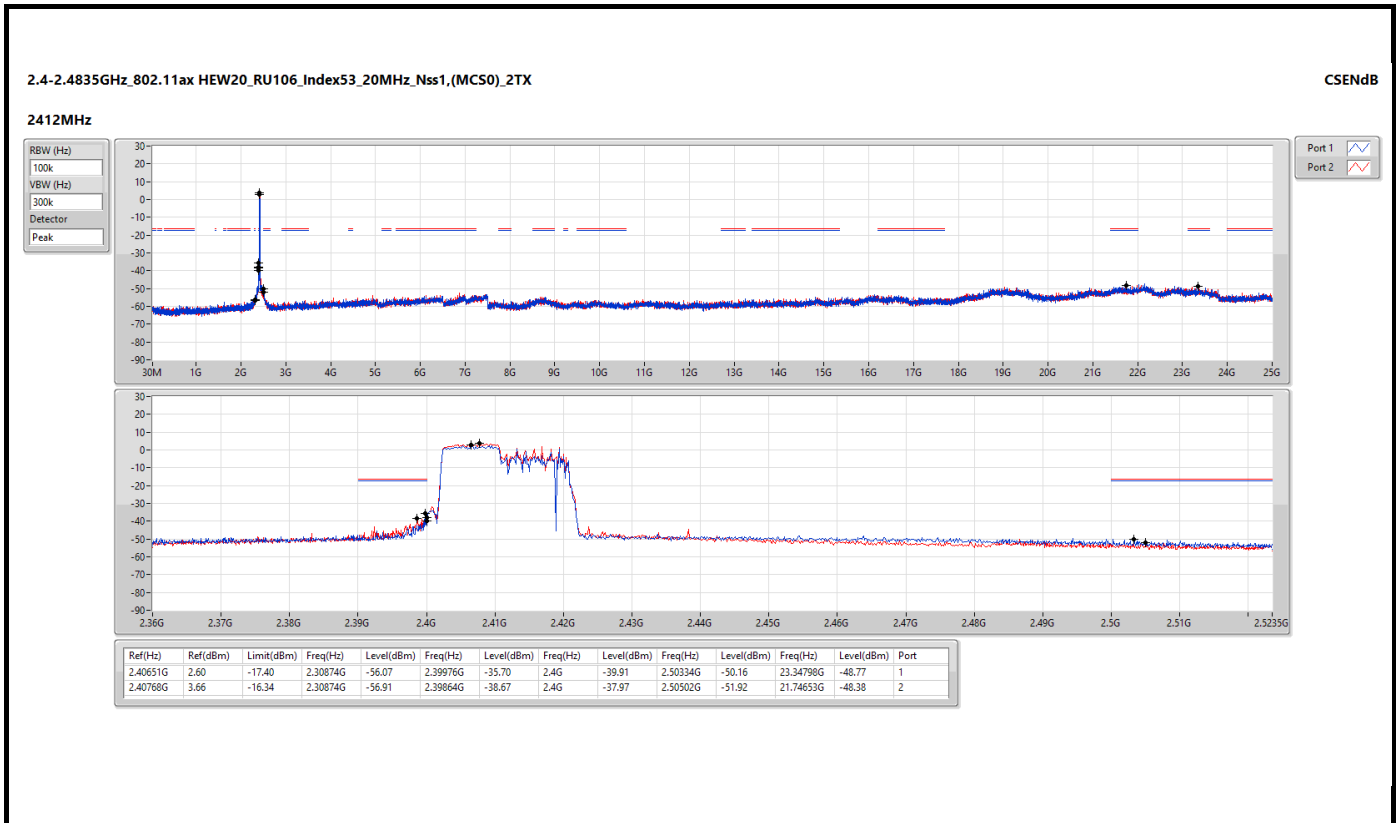
*Factor includes antenna factor, cable loss and amplifier gain

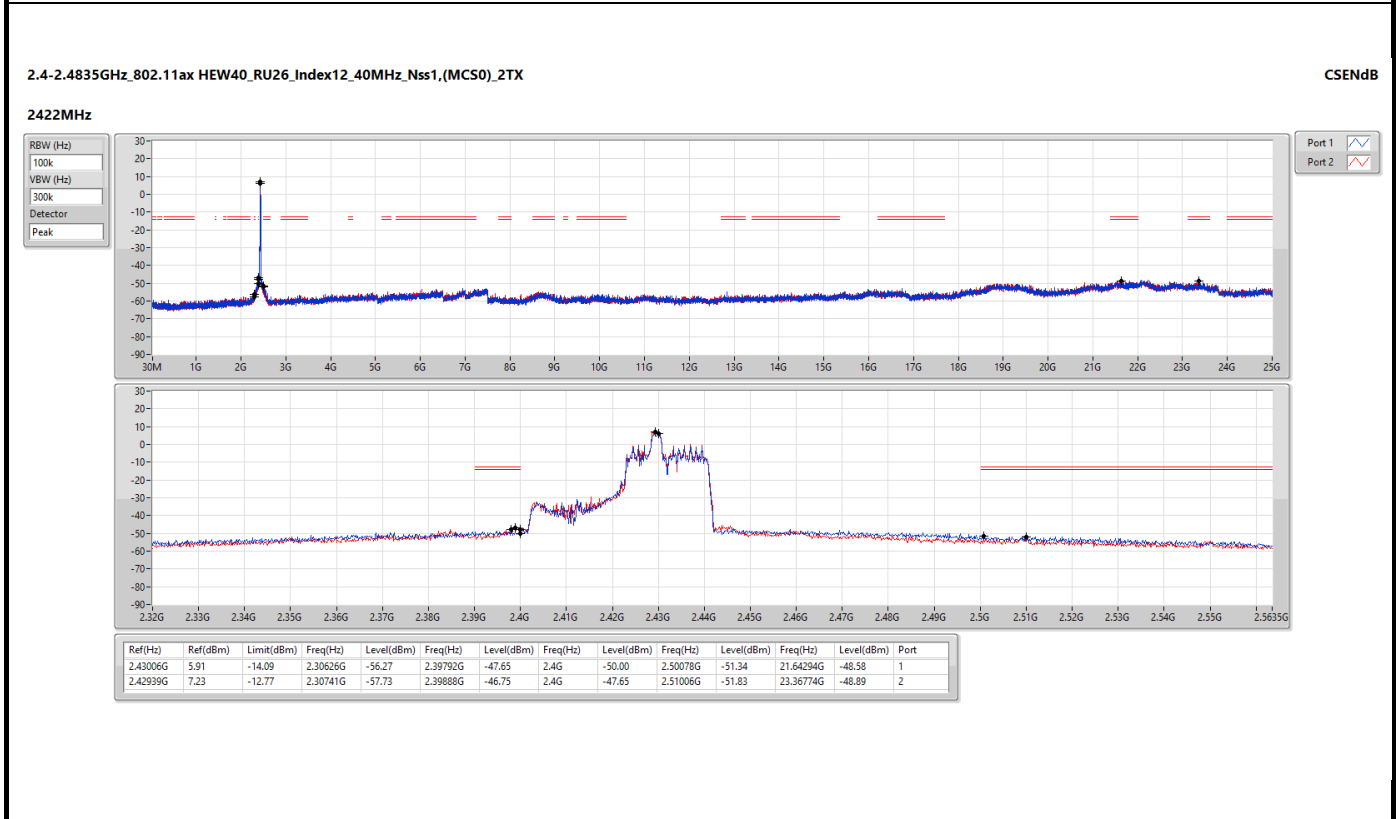
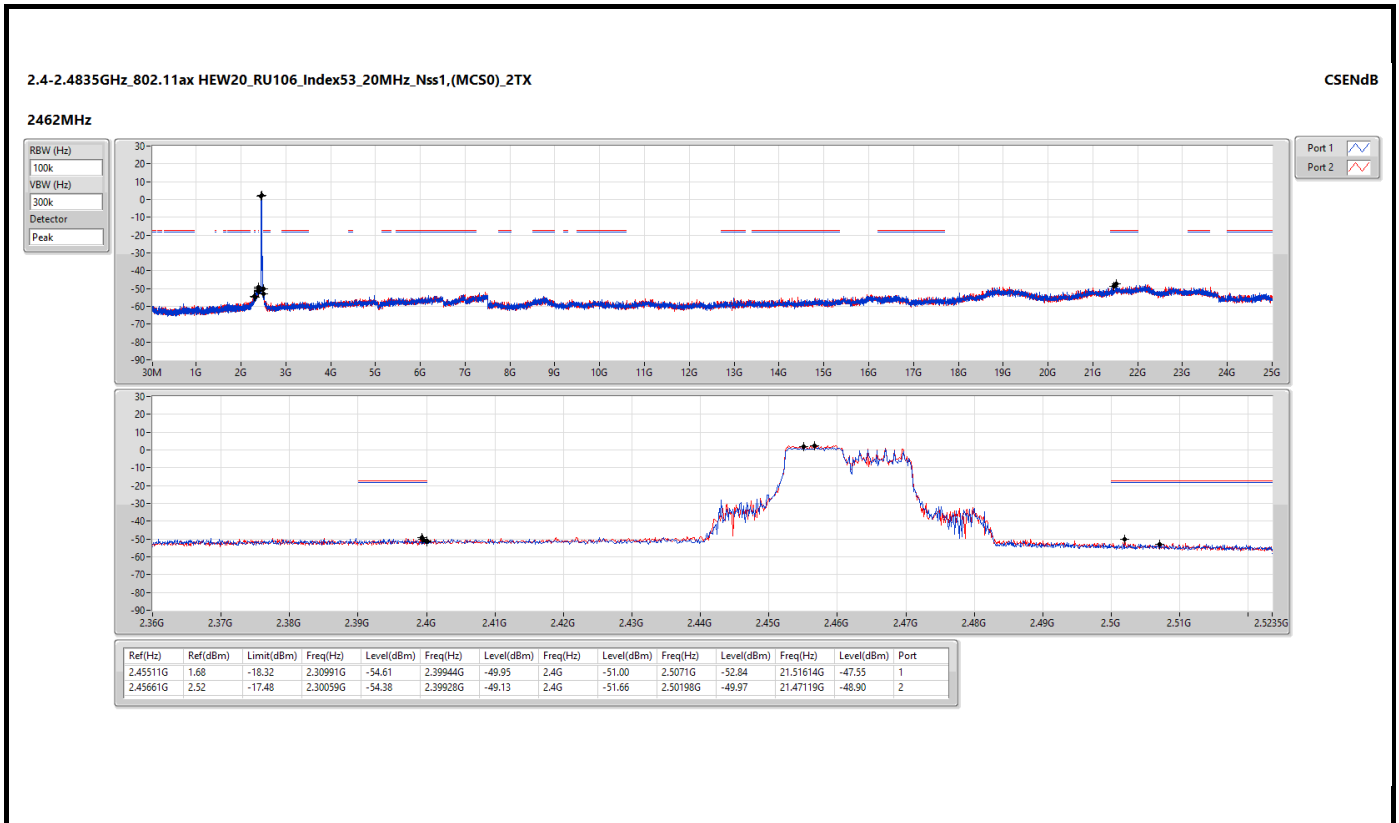
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

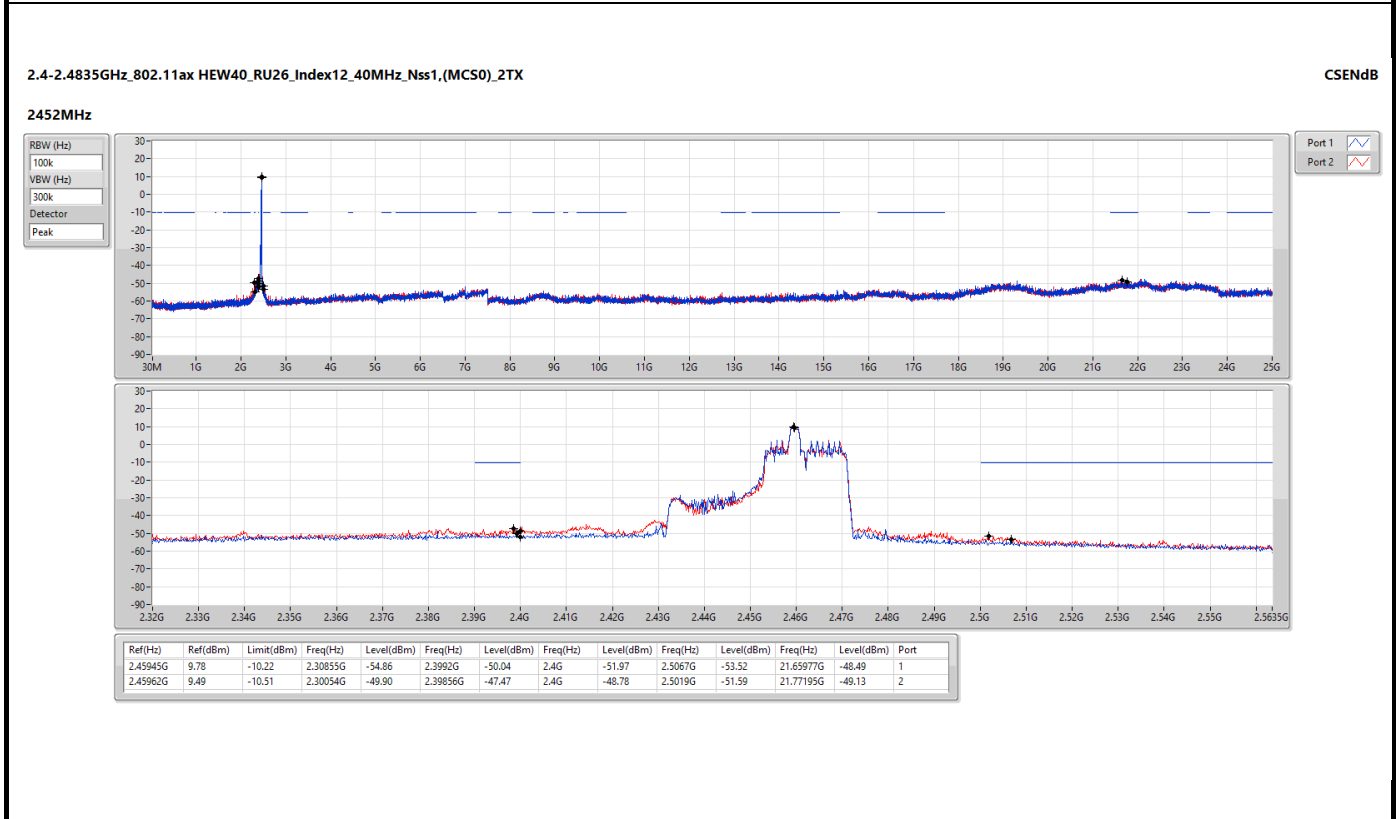
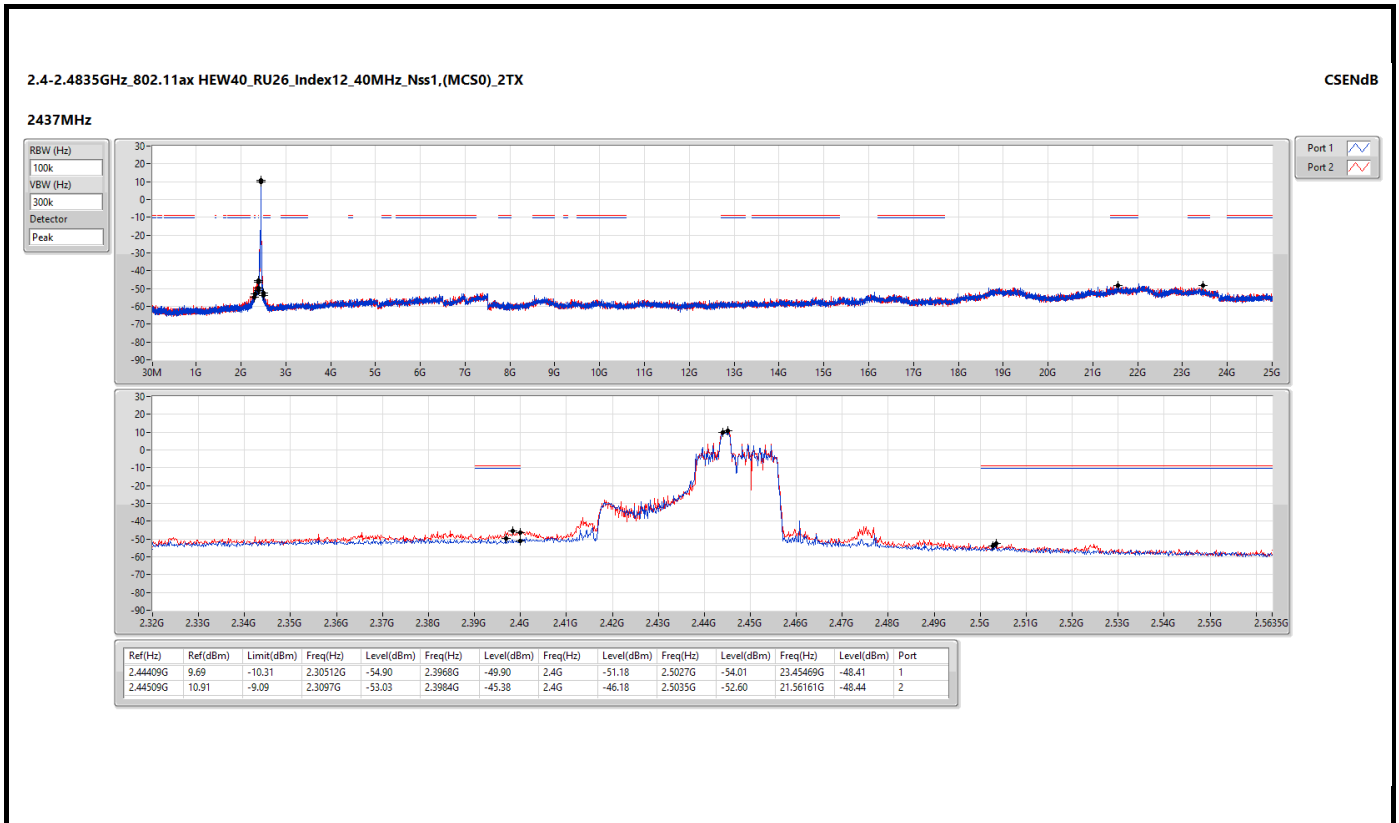


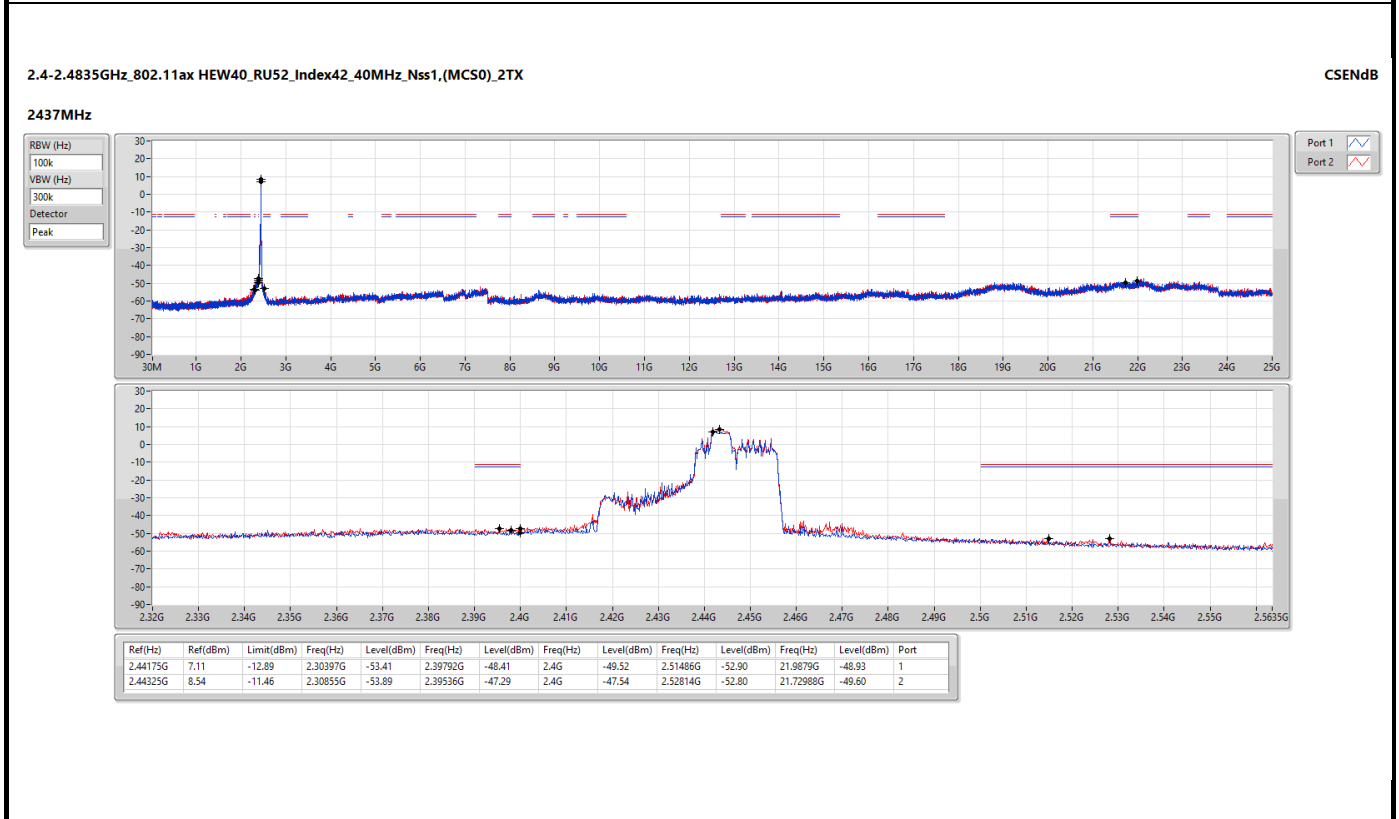
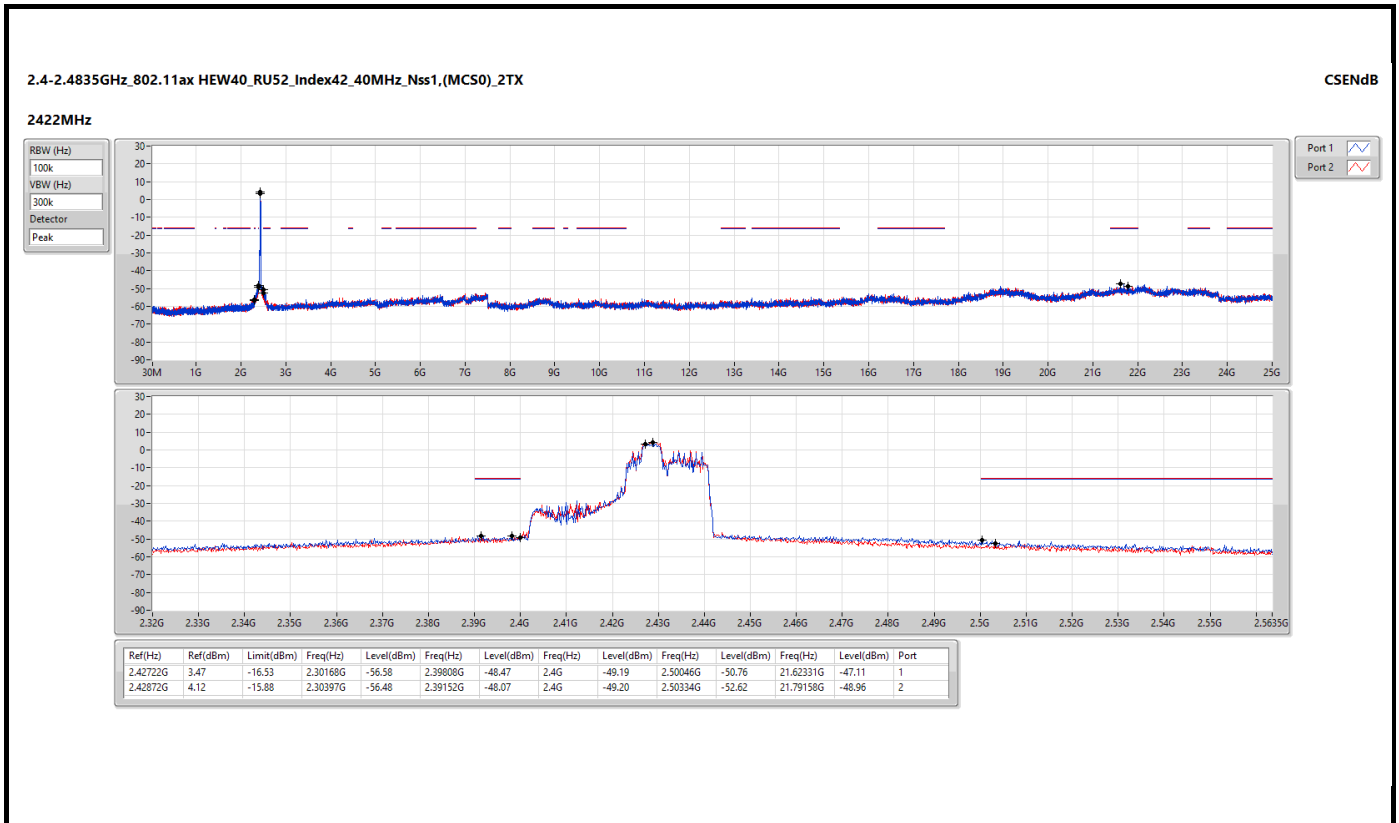












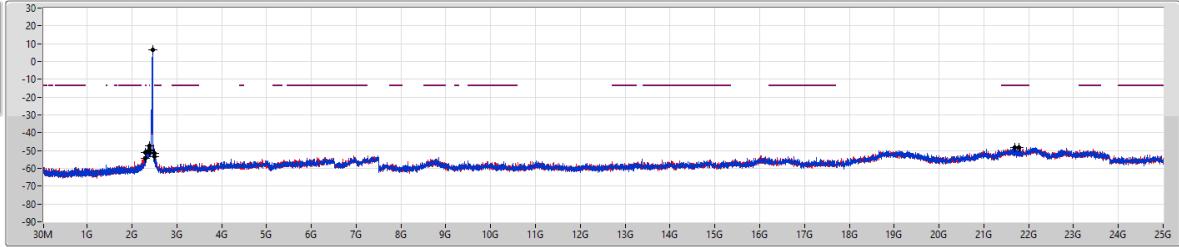


2.4-2.4835GHz_802.11ax_HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX

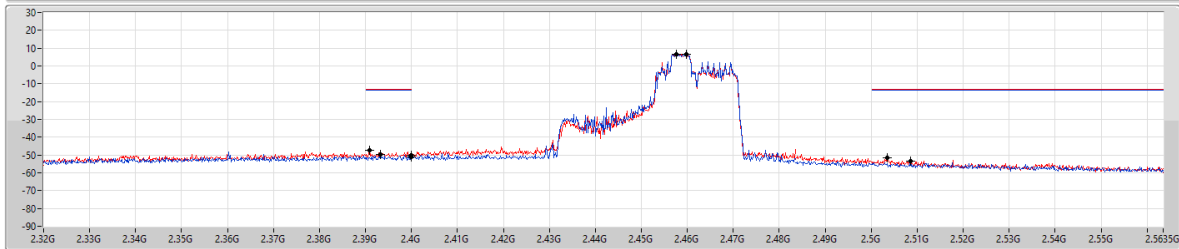
CSEndB

2452MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Port 1
Port 2



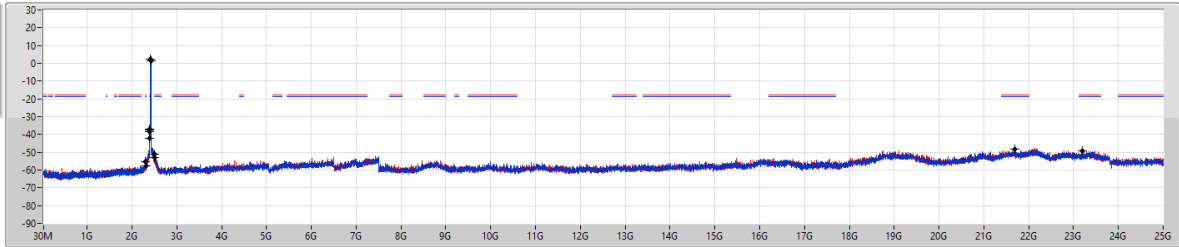
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45762G	6.49	-13.51	2.30168G	-54.34	2.39328G	-49.67	2.4G	-51.15	2.50862G	-53.34	21.69342G	-48.39	1
2.45979G	6.76	-13.24	2.30054G	-51.14	2.39088G	-47.21	2.4G	-50.13	2.5035G	-51.76	21.77756G	-48.27	2

2.4-2.4835GHz_802.11ax_HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX

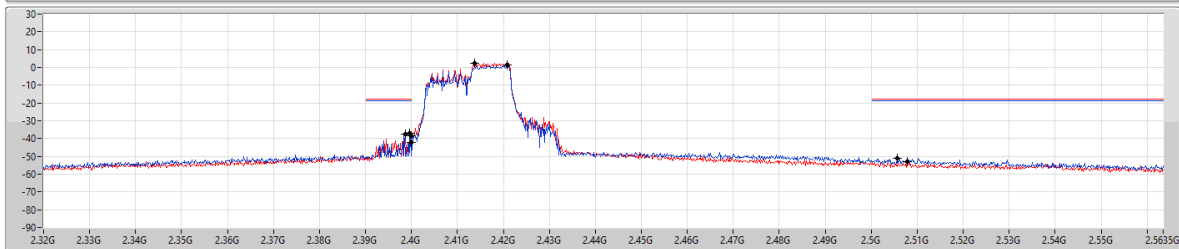
CSEndB

2422MHz

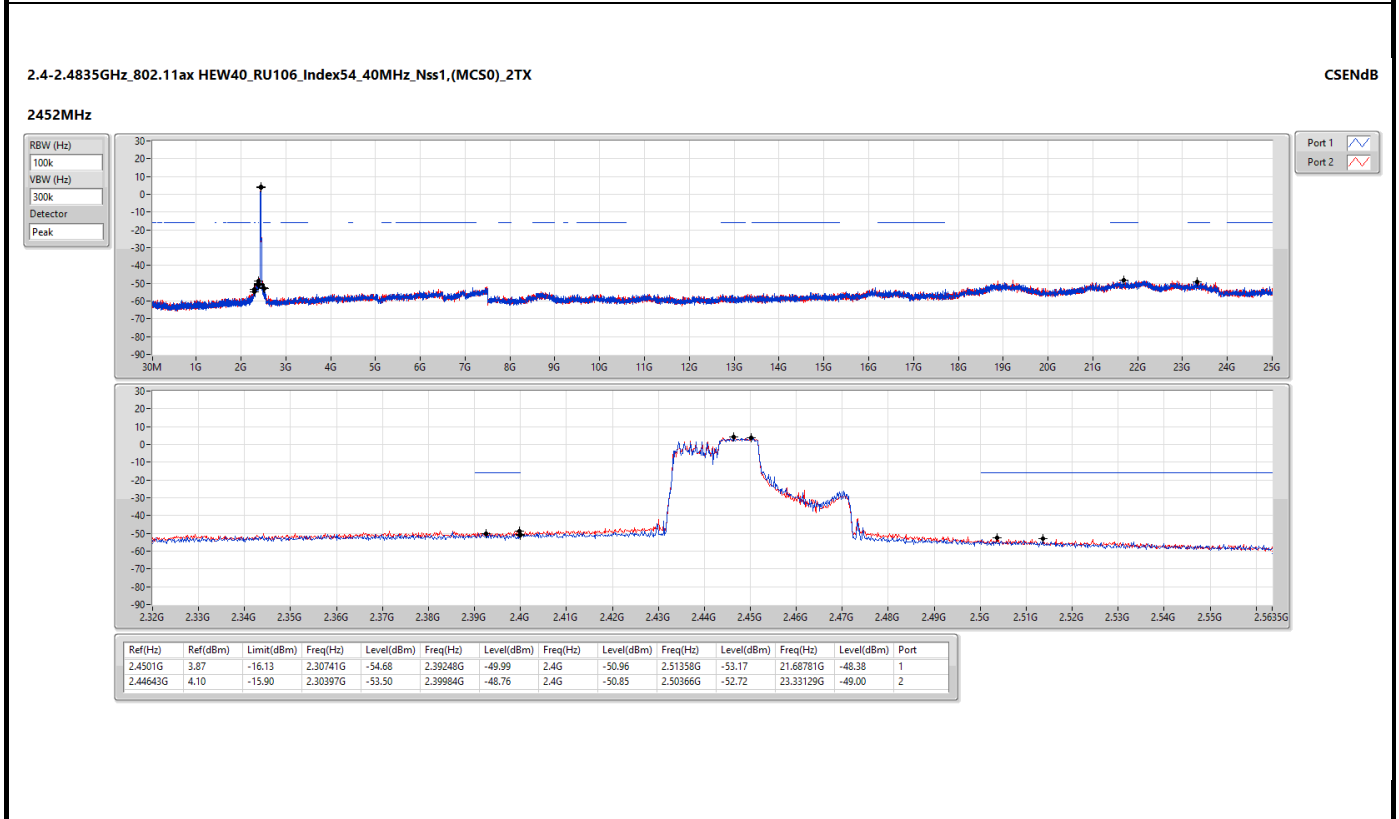
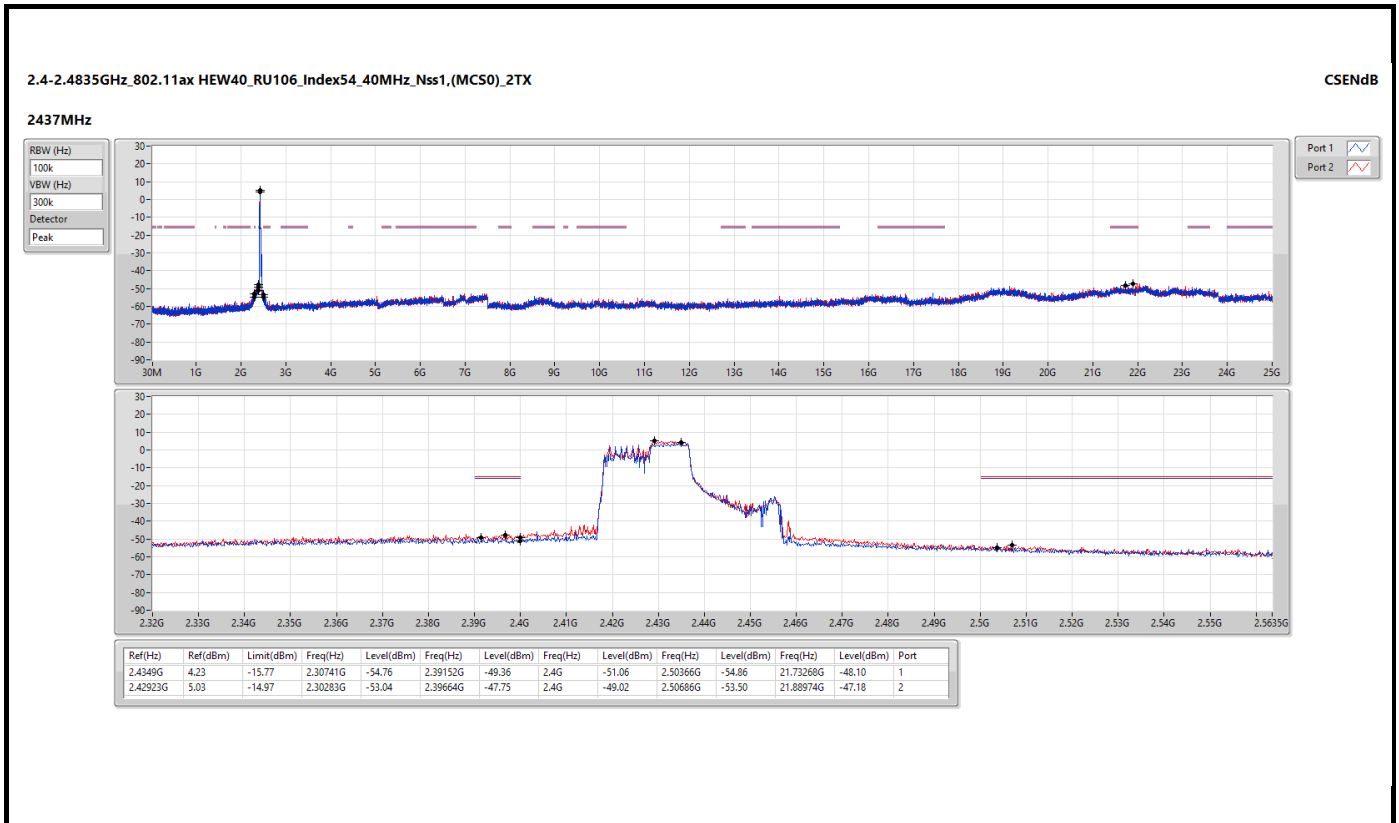
RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

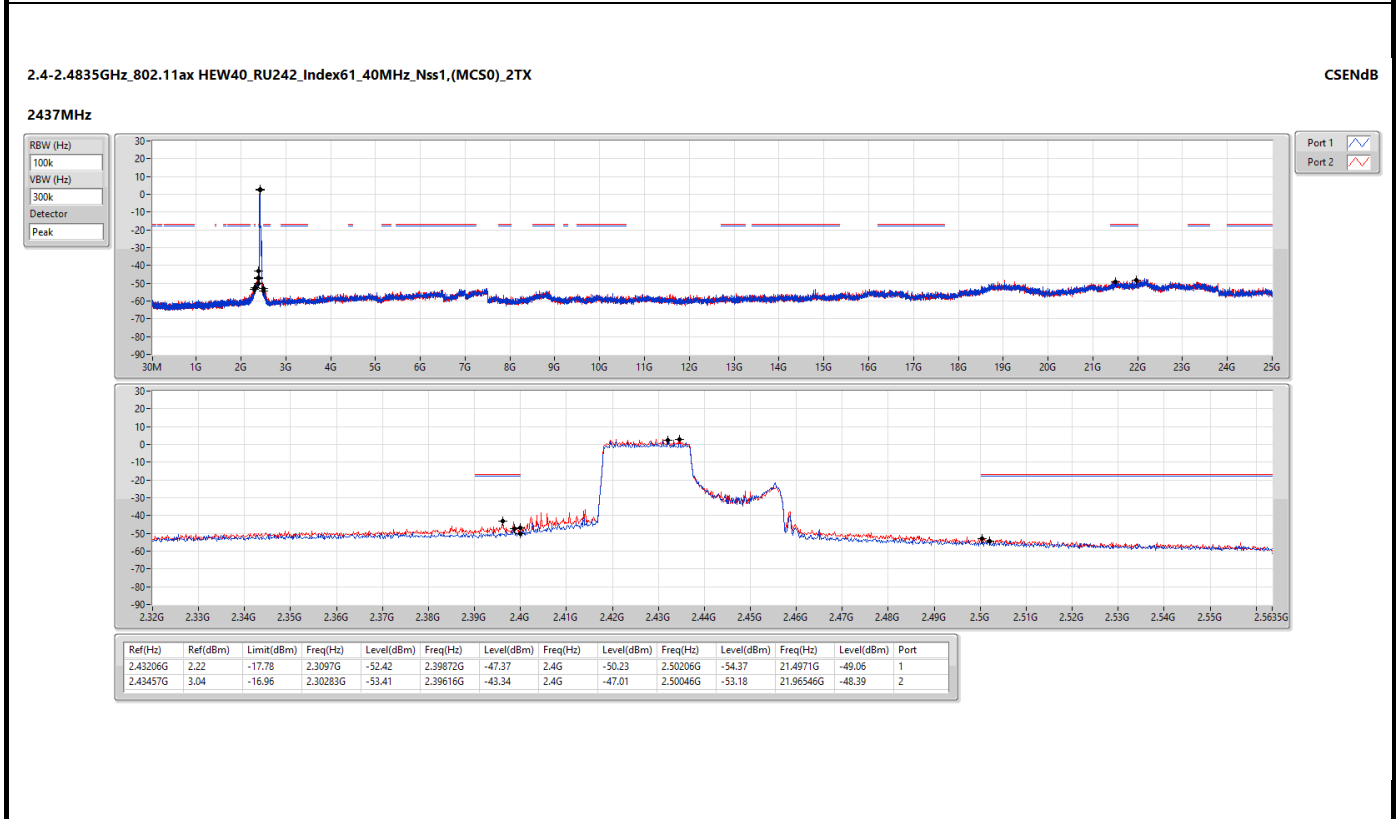
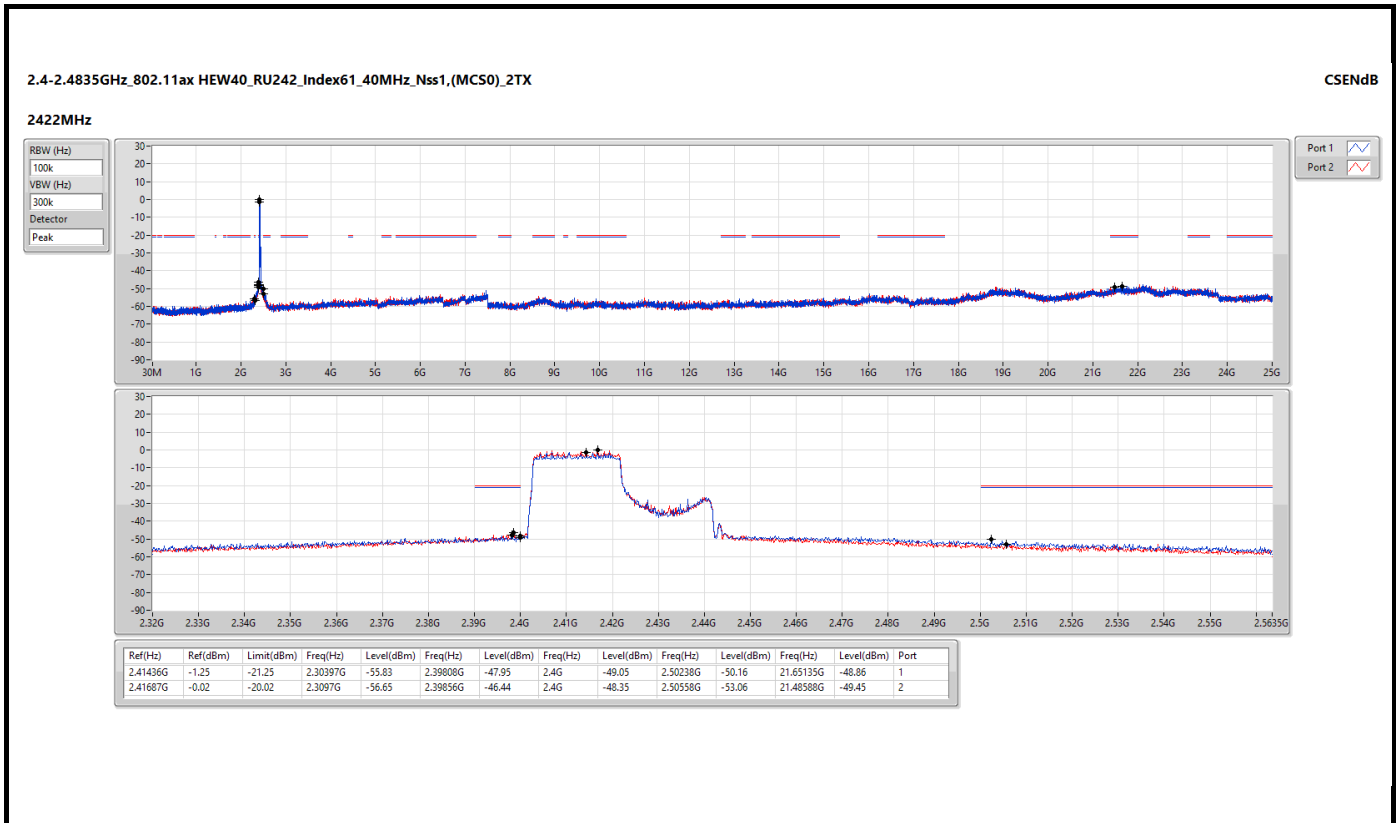


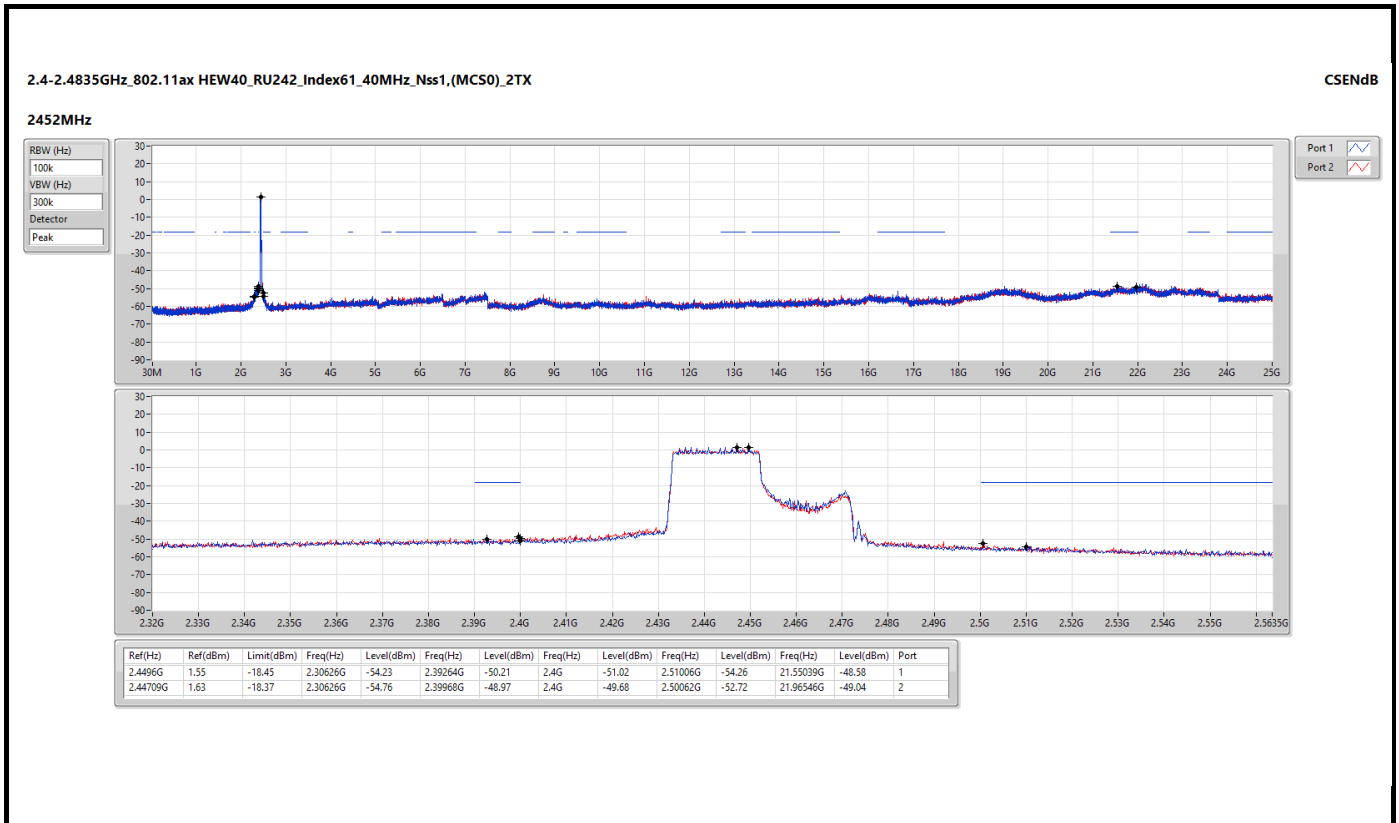
Port 1
Port 2



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42088G	1.46	-18.54	2.30283G	-55.25	2.39952G	-36.83	2.4G	-42.26	2.50574G	-50.97	21.69062G	-48.42	1
2.41369G	2.34	-17.66	2.30855G	-57.56	2.39672G	-37.47	2.4G	-38.37	2.50782G	-52.74	23.20228G	-49.10	2



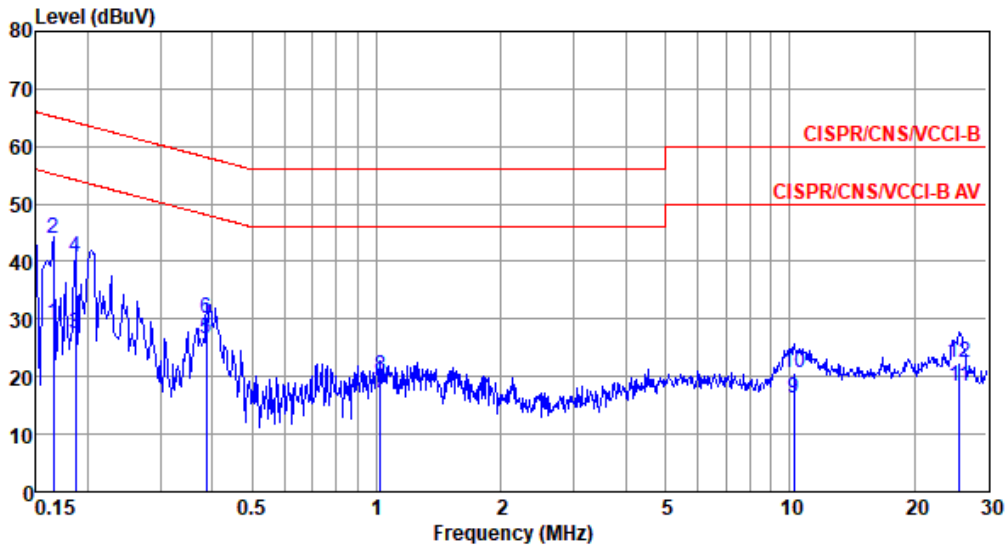






Modulation	ax HE20 RU52	Test Freq. (MHz)	2437
Power Phase	Line		

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	29.08	55.21	-26.13	19.16	9.63	0.07	0.22	Average
2*	0.165	44.11	65.21	-21.10	34.19	9.63	0.07	0.22	QP
3	0.186	27.38	54.20	-26.82	17.46	9.62	0.06	0.24	Average
4	0.186	40.82	64.20	-23.38	30.90	9.62	0.06	0.24	QP
5	0.387	26.44	48.12	-21.68	16.41	9.62	0.08	0.33	Average
6	0.387	30.10	58.12	-28.02	20.07	9.62	0.08	0.33	QP
7	1.021	17.19	46.00	-28.81	7.11	9.63	0.09	0.36	Average
8	1.021	19.98	56.00	-36.02	9.90	9.63	0.09	0.36	QP
9	10.233	16.10	50.00	-33.90	5.61	9.69	0.35	0.45	Average
10	10.233	20.64	60.00	-39.36	10.15	9.69	0.35	0.45	QP
11	25.727	18.30	50.00	-31.70	7.40	9.64	0.55	0.71	Average
12	25.727	22.35	60.00	-37.65	11.45	9.64	0.55	0.71	QP

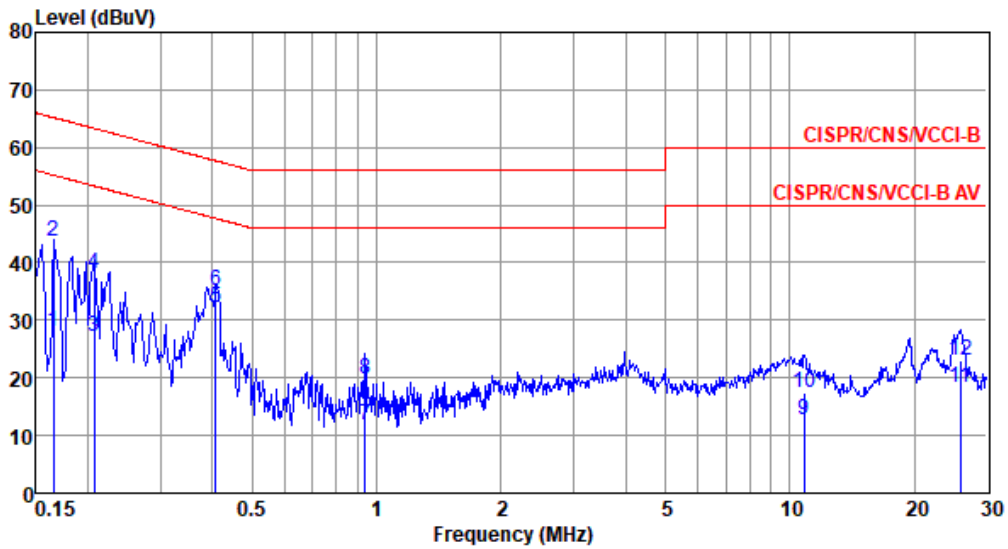
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



Modulation	ax HE20 RU52	Test Freq. (MHz)	2437
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	27.93	55.21	-27.28	18.09	9.63	0.07	0.14	Average
2	0.165	43.82	65.21	-21.39	33.98	9.63	0.07	0.14	QP
3	0.207	27.14	53.32	-26.18	17.28	9.63	0.06	0.17	Average
4	0.207	38.17	63.32	-25.15	28.31	9.63	0.06	0.17	QP
5*	0.408	32.26	47.68	-15.42	22.31	9.62	0.08	0.25	Average
6	0.408	35.14	57.68	-22.54	25.19	9.62	0.08	0.25	QP
7	0.938	11.85	46.00	-34.15	1.83	9.63	0.09	0.30	Average
8	0.938	19.76	56.00	-36.24	9.74	9.63	0.09	0.30	QP
9	10.847	12.63	50.00	-37.37	2.11	9.72	0.37	0.43	Average
10	10.847	17.36	60.00	-42.64	6.84	9.72	0.37	0.43	QP
11	25.864	18.36	50.00	-31.64	7.37	9.79	0.55	0.65	Average
12	25.864	22.90	60.00	-37.10	11.91	9.79	0.55	0.65	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).