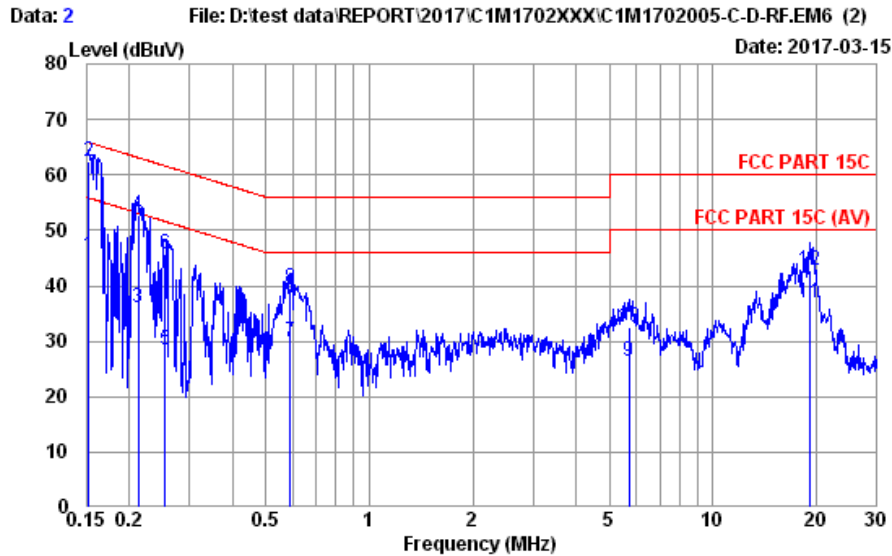


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## A.1 CONDUCTED EMISSION

Test Date	2017/03/15	Temp./Hum.	23°C/52%
Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)		

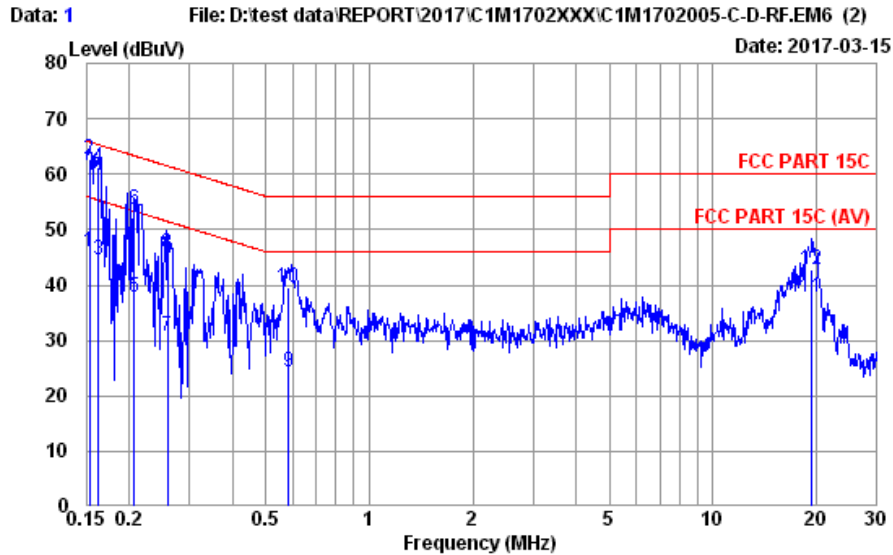


Site no. : No.8 Shielded Room Data no. : 2  
 Condition : ENV4200 358/003 LISN Phase : NEUTRAL  
 Limit : FCC PART 15C  
 Env. / Ins. : 23°C / 52% ESR3 (1774) Engineer : Jemy  
 EUT : mPAD-7-CHT4-I  
 Power Rating : 120Vac/60Hz  
 Test Mode : Operating

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.152	10.30	0.03	9.86	25.11	45.30	55.88	10.58	Average
2	0.152	10.30	0.03	9.86	42.19	62.38	65.88	3.50	QP
3	0.213	10.33	0.03	9.86	15.96	36.18	53.10	16.92	Average
4	0.213	10.33	0.03	9.86	32.39	52.61	63.10	10.49	QP
5	0.255	10.32	0.03	9.86	8.28	28.49	51.59	23.10	Average
6	0.255	10.32	0.03	9.86	25.45	45.66	61.59	15.93	QP
7	0.588	10.28	0.05	9.86	9.66	29.85	46.00	16.15	Average
8	0.588	10.28	0.05	9.86	19.27	39.46	56.00	16.54	QP
9	5.711	10.29	0.14	9.87	5.99	26.29	50.00	23.71	Average
10	5.711	10.29	0.14	9.87	12.31	32.61	60.00	27.39	QP
11	19.240	10.14	0.26	9.93	16.48	36.81	50.00	13.19	Average
12	19.240	10.14	0.26	9.93	22.55	42.88	60.00	17.12	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.  
 2. If the average limit is met when using a quasi-peak detector,  
 the EUT shall be deemed to meet both limits and measurement  
 with average detector is unnecessary.

Test Date	2017/03/15	Temp./Hum.	23°C/52%
Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)		



Site no. : No.8 Shielded Room      Data no. : 1  
 Condition : ENV4200 358/003      LISN Phase : LINE  
 Limit : FCC PART 15C  
 Env. / Ins. : 23°C / 52% ESR3 (1774)      Engineer : Jemy  
 EUT : mPAD-7-CHT4-I  
 Power Rating : 120Vac/60Hz  
 Test Mode : Operating

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.154	10.22	0.03	9.86	25.94	46.05	55.80	9.75	Average
2	0.154	10.22	0.03	9.86	42.48	62.59	65.80	3.21	QP
3	0.162	10.23	0.03	9.86	24.43	44.55	55.34	10.79	Average
4	0.162	10.23	0.03	9.86	41.18	61.30	65.34	4.04	QP
5	0.207	10.27	0.03	9.86	17.54	37.70	53.32	15.62	Average
6	0.207	10.27	0.03	9.86	33.52	53.68	63.32	9.64	QP
7	0.258	10.27	0.03	9.86	10.75	30.91	51.49	20.58	Average
8	0.258	10.27	0.03	9.86	25.64	45.80	61.49	15.69	QP
9	0.583	10.24	0.05	9.86	4.28	24.43	46.00	21.57	Average
10	0.583	10.24	0.05	9.86	19.50	39.65	56.00	16.35	QP
11	19.410	10.09	0.27	9.93	17.45	37.74	50.00	12.26	Average
12	19.410	10.09	0.27	9.93	22.41	42.70	60.00	17.30	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.  
 2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

## A.2 RADIATED EMISSION

Test Date	2017/02/24	Temp./Hum.	23°C/53%
Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)		

### A.2.1 Emissions within Restricted Frequency Bands

#### A.2.1.1 Frequency 9kHz~30MHz

**The emissions (9kHz~30MHz) not reported for there is no emission be found.**

#### A.2.1.2 Frequency Below 1 GHz

Mode	802.11b	Frequency	TX 2462MHz
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### Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
155.13	11.12	2.89	15.93	29.94	43.50	13.56	Peak
230.79	11.57	3.64	24.81	40.02	46.00	5.98	Peak
353.01	15.00	5.01	19.03	39.04	46.00	6.96	Peak
527.61	17.52	6.52	4.00	28.04	46.00	17.96	Peak

### Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
47.46	10.95	1.53	19.34	31.82	40.00	8.18	Peak
230.79	11.57	3.64	18.59	33.80	46.00	12.20	Peak
353.01	15.00	5.01	8.20	28.21	46.00	17.79	Peak
606.18	18.42	6.77	6.14	31.33	46.00	14.67	Peak

Mode	BLE	Frequency	TX 2440MHz
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**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
155.13	11.12	2.89	14.92	28.93	43.50	14.57	Peak
230.79	11.57	3.64	25.60	40.81	46.00	5.19	Peak
353.01	15.00	5.01	18.32	38.33	46.00	7.67	Peak
524.70	17.47	6.51	4.25	28.23	46.00	17.77	Peak

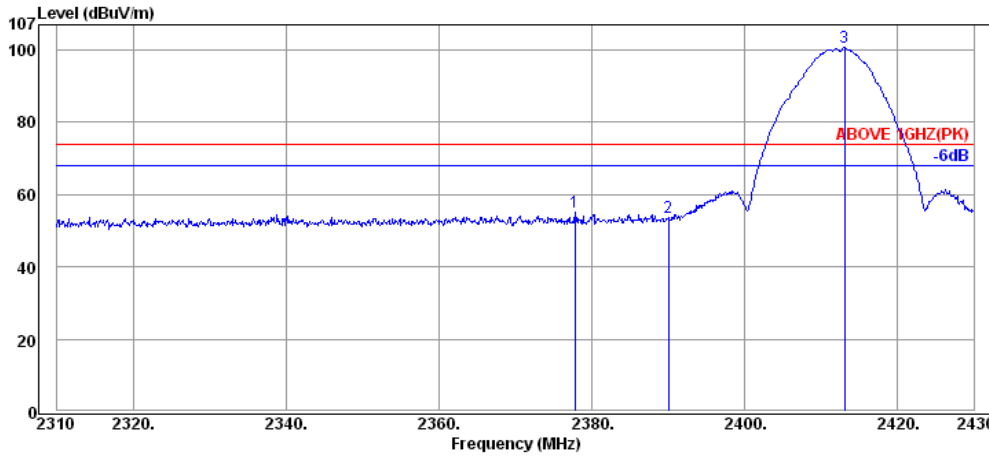
**Antenna at Vertical Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
46.49	11.44	1.51	17.96	30.91	40.00	9.09	Peak
230.79	11.57	3.64	18.55	33.76	46.00	12.24	Peak
353.01	15.00	5.01	6.78	26.79	46.00	19.21	Peak
605.21	18.42	6.77	6.18	31.37	46.00	14.63	Peak

A.2.1.3 Frequency Above 1 GHz to 10<sup>th</sup> harmonics

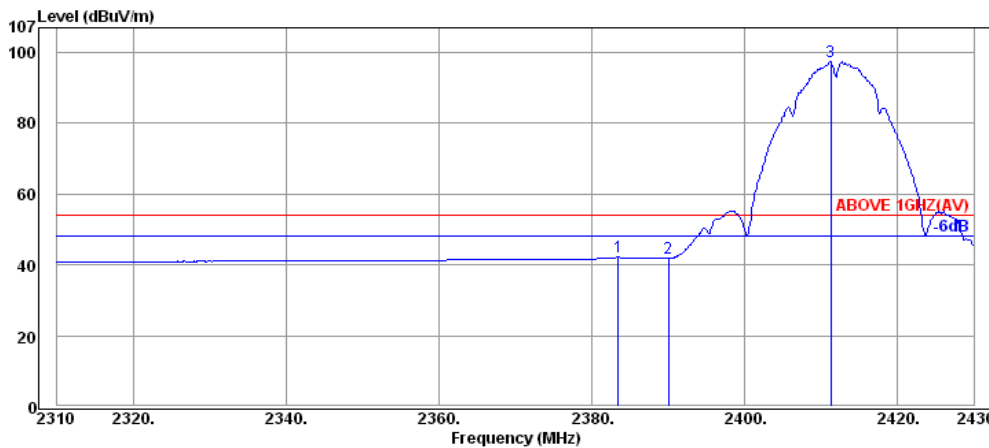
**Band Edge:**

Mode	802.11b	Frequency	TX 2412MHz
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**Antenna at Horizontal Polarization**

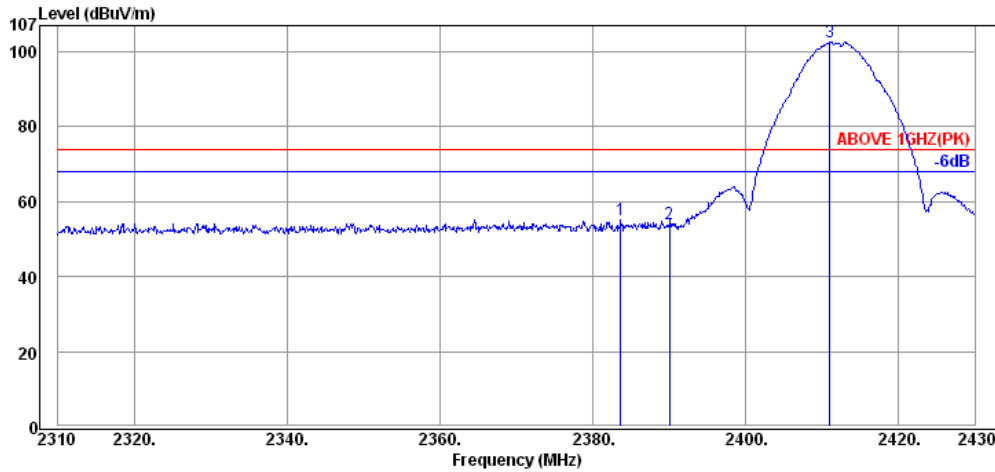
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2377.80	32.13	5.71	17.46	55.30	74.00	18.70	Peak
2390.04	32.16	5.72	15.87	53.75	74.00	20.25	Peak
2413.08	32.18	5.74	62.67	100.59	---	---	Peak



**Antenna at Horizontal Polarization**

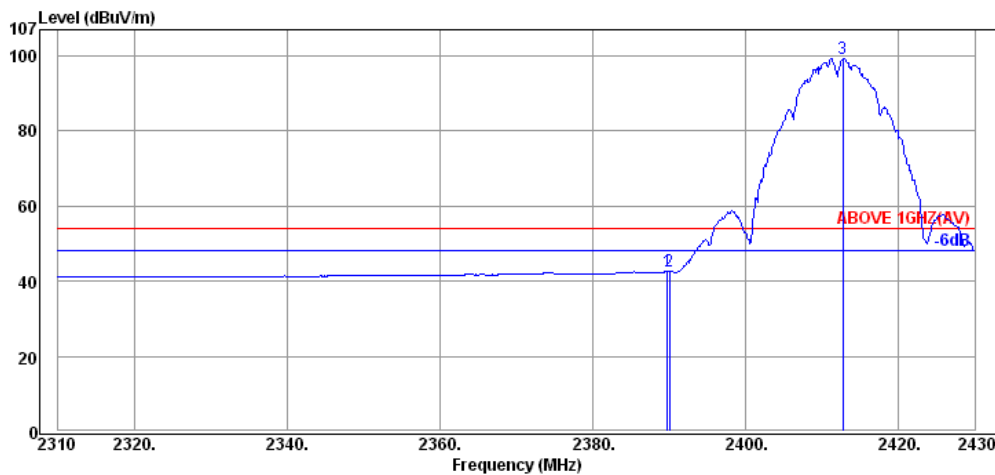
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2383.44	32.13	5.71	4.32	42.16	54.00	11.84	Average
2390.04	32.16	5.72	4.12	42.00	54.00	12.00	Average
2411.28	32.18	5.74	59.40	97.32	---	---	Average

Mode	802.11b	Frequency	TX 2412MHz
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**Antenna at Vertical Polarization**

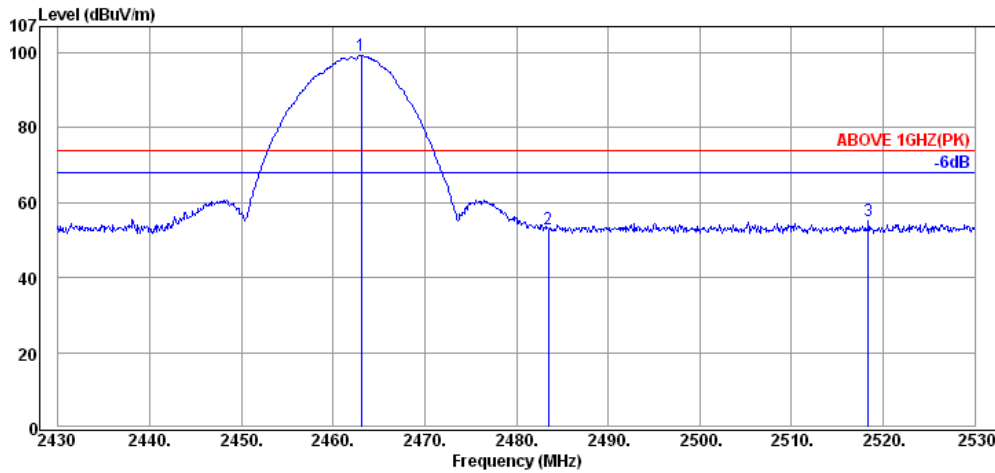
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2383.68	32.13	5.71	17.49	55.33	74.00	18.67	Peak
2390.04	32.16	5.72	15.99	53.87	74.00	20.13	Peak
2411.04	32.18	5.74	64.65	102.57	---	---	Peak



**Antenna at Vertical Polarization**

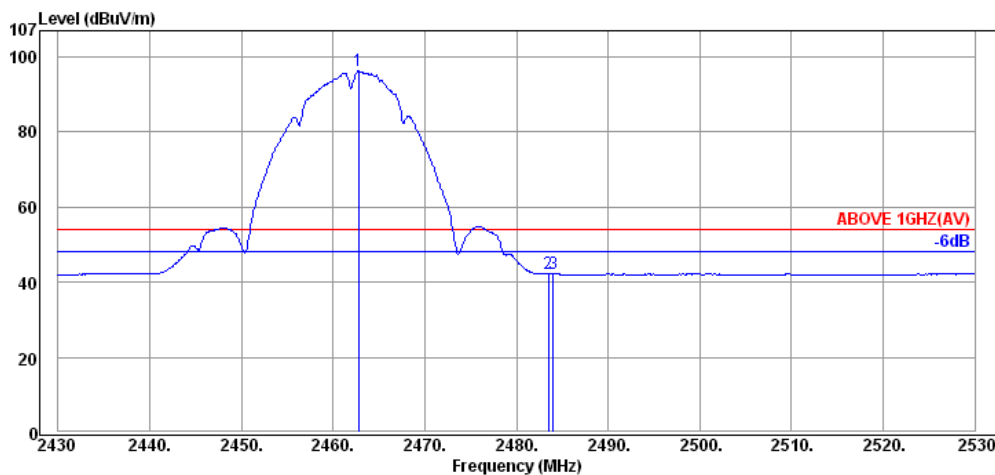
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.16	5.72	4.85	42.73	54.00	11.27	Average
2390.04	32.16	5.72	4.69	42.57	54.00	11.43	Average
2412.72	32.18	5.74	61.46	99.38	---	---	Average

Mode	802.11b	Frequency	TX 2462MHz
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**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2463.10	32.25	5.80	61.35	99.40	---	---	Peak
2483.50	32.28	5.82	14.75	52.85	74.00	21.15	Peak
2518.40	32.32	5.87	16.82	55.01	74.00	18.99	Peak

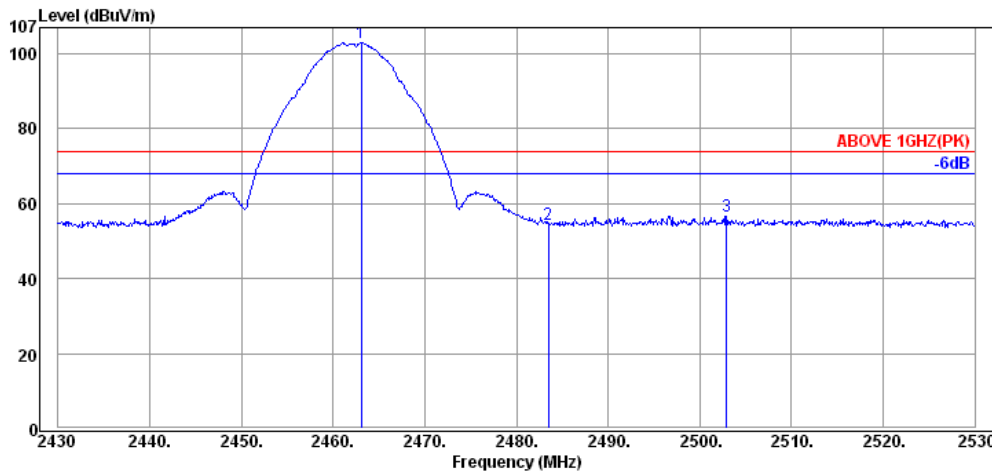


**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2462.80	32.25	5.80	58.20	96.25	---	---	Average
2483.50	32.28	5.82	4.06	42.16	54.00	11.84	Average
2484.00	32.28	5.82	4.11	42.21	54.00	11.79	Average

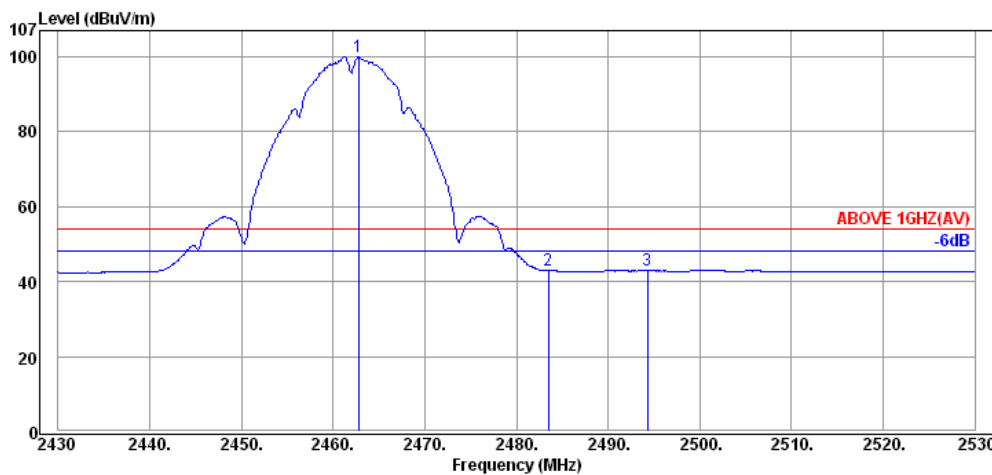


Mode	802.11b	Frequency	TX 2462MHz
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**Antenna at Vertical Polarization**

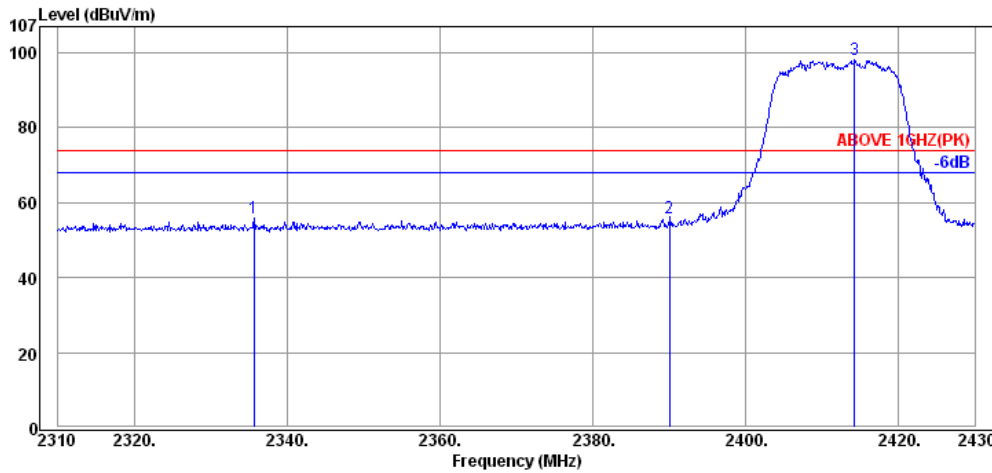
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2463.10	32.25	5.80	64.95	103.00	---	---	Peak
2483.50	32.28	5.82	16.31	54.41	74.00	19.59	Peak
2502.90	32.30	5.84	18.65	56.79	74.00	17.21	Peak



**Antenna at Vertical Polarization**

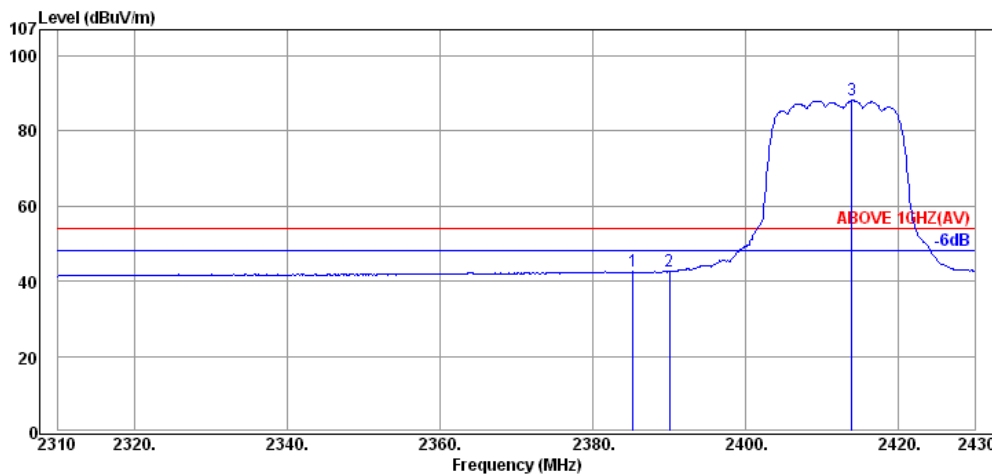
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2462.80	32.25	5.80	61.87	99.92	---	---	Average
2483.50	32.28	5.82	4.74	42.84	54.00	11.16	Average
2494.30	32.30	5.84	4.85	42.99	54.00	11.01	Average

Mode	802.11g	Frequency	TX 2412MHz
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**Antenna at Horizontal Polarization**

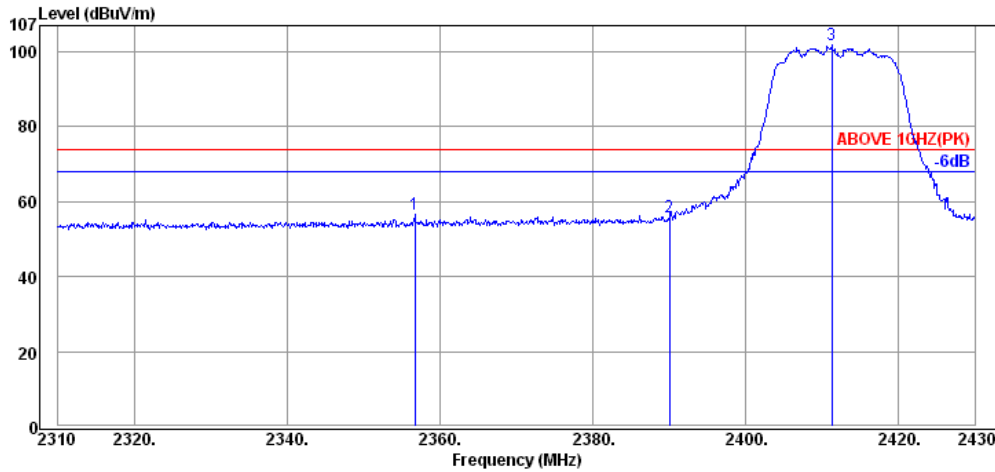
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2335.68	32.08	5.68	17.95	55.71	74.00	18.29	Peak
2390.04	32.16	5.72	18.16	56.04	74.00	17.96	Peak
2414.28	32.18	5.74	60.28	98.20	---	---	Peak



**Antenna at Horizontal Polarization**

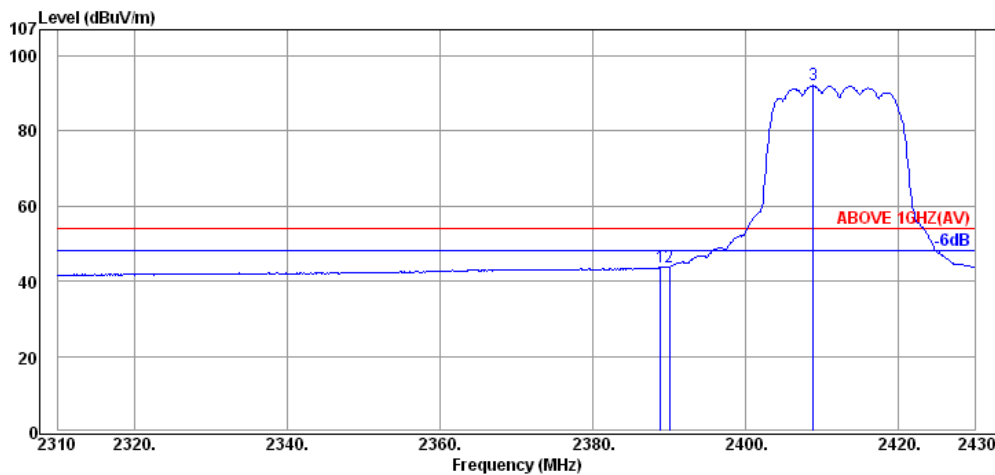
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2385.24	32.13	5.71	4.80	42.64	54.00	11.36	Average
2390.04	32.16	5.72	4.73	42.61	54.00	11.39	Average
2413.92	32.18	5.74	50.23	88.15	---	---	Average

Mode	802.11g	Frequency	TX 2412MHz
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**Antenna at Vertical Polarization**

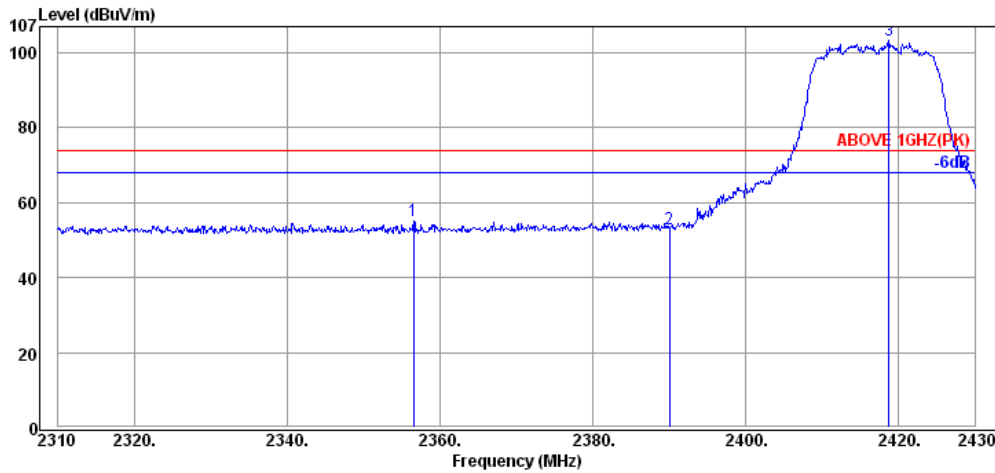
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2356.68	32.11	5.69	18.82	56.62	74.00	17.38	Peak
2390.04	32.16	5.72	17.98	55.86	74.00	18.14	Peak
2411.28	32.18	5.74	63.87	101.79	---	---	Peak



**Antenna at Vertical Polarization**

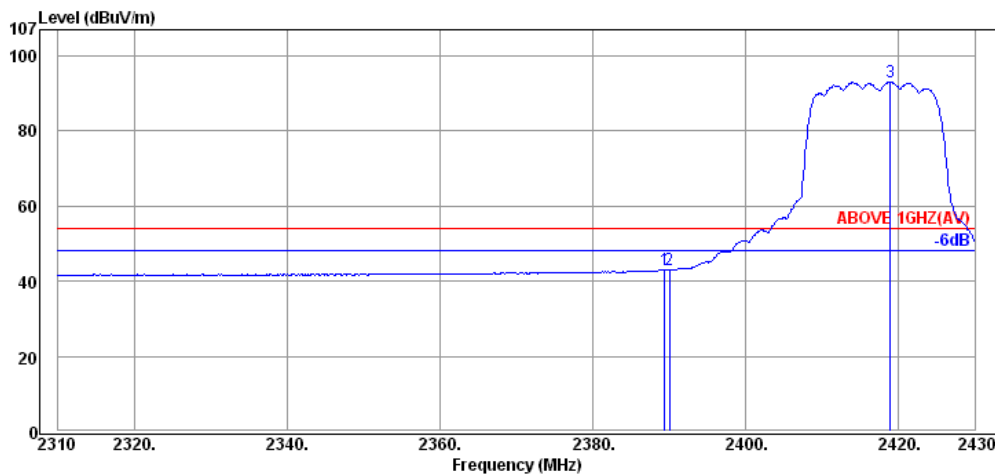
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.84	32.16	5.72	5.94	43.82	54.00	10.18	Average
2390.04	32.16	5.72	5.94	43.82	54.00	10.18	Average
2408.88	32.18	5.74	54.19	92.11	---	---	Average

Mode	802.11g	Frequency	TX 2417MHz
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**Antenna at Horizontal Polarization**

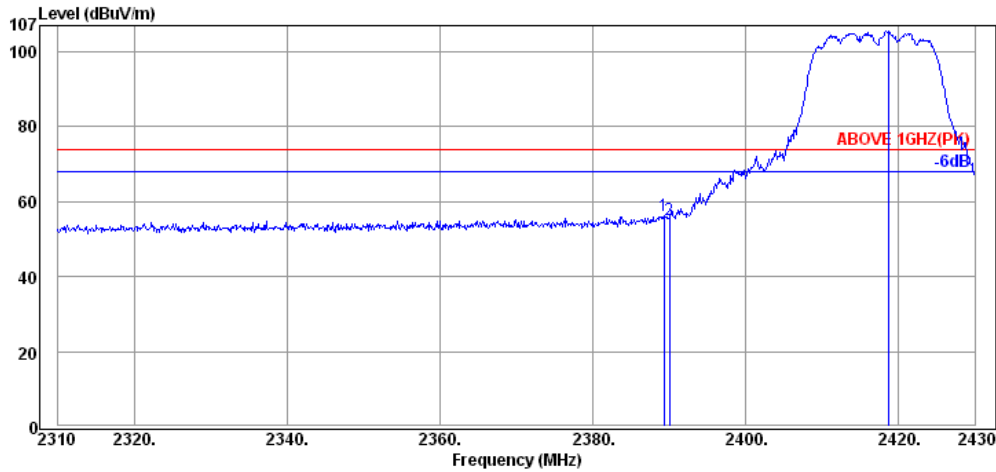
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2356.56	32.11	5.69	17.46	55.26	74.00	18.74	Peak
2390.04	32.16	5.72	15.09	52.97	74.00	21.03	Peak
2418.72	32.18	5.74	65.33	103.25	---	---	Peak



**Antenna at Horizontal Polarization**

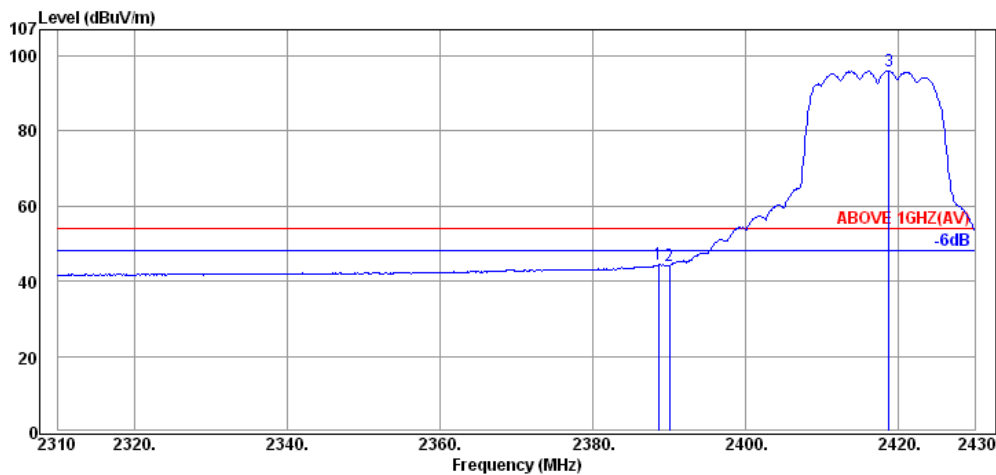
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.44	32.16	5.72	5.15	43.03	54.00	10.97	Average
2390.04	32.16	5.72	5.01	42.89	54.00	11.11	Average
2418.96	32.18	5.74	55.25	93.17	---	---	Average

Mode	802.11g	Frequency	TX 2417MHz
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**Antenna at Vertical Polarization**

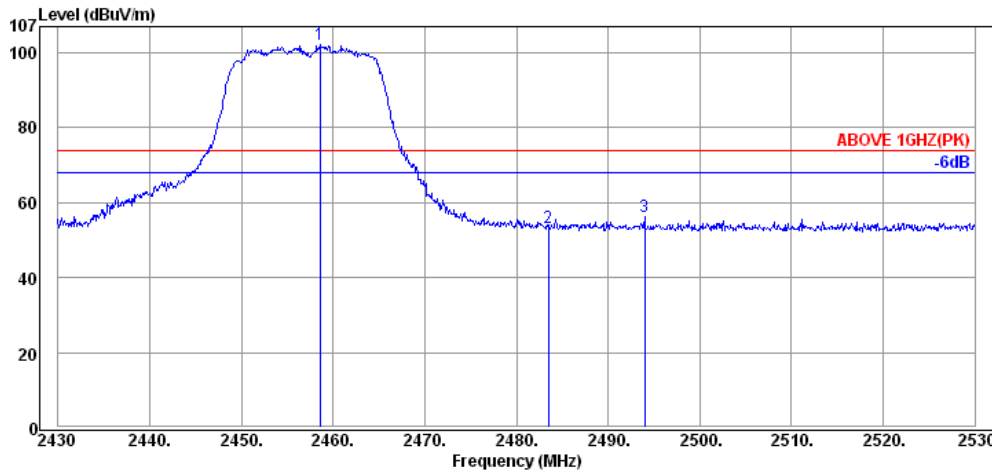
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.32	32.16	5.72	18.27	56.15	74.00	17.85	Peak
2390.04	32.16	5.72	17.27	55.15	74.00	18.85	Peak
2418.72	32.18	5.74	67.45	105.37	---	---	Peak



**Antenna at Vertical Polarization**

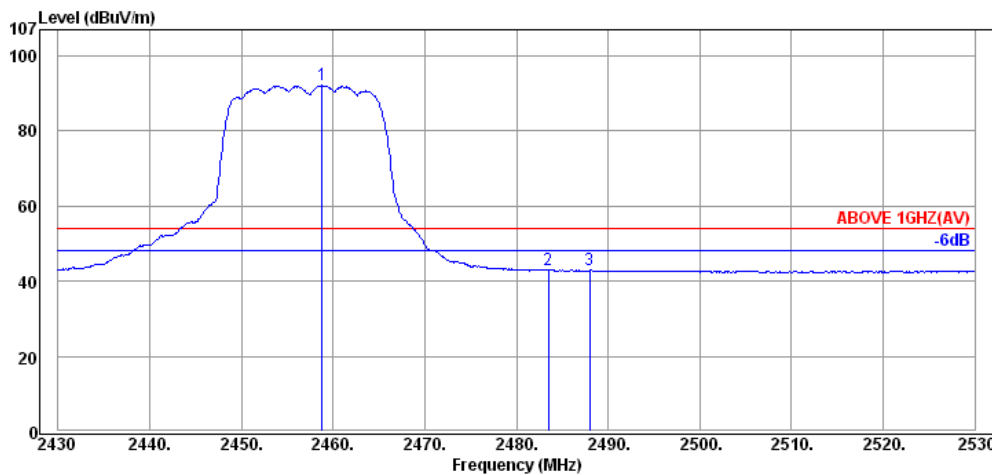
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.60	32.16	5.72	6.46	44.34	54.00	9.66	Average
2390.04	32.16	5.72	6.37	44.25	54.00	9.75	Average
2418.72	32.18	5.74	58.07	95.99	---	---	Average

Mode	802.11g	Frequency	TX 2457MHz
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**Antenna at Horizontal Polarization**

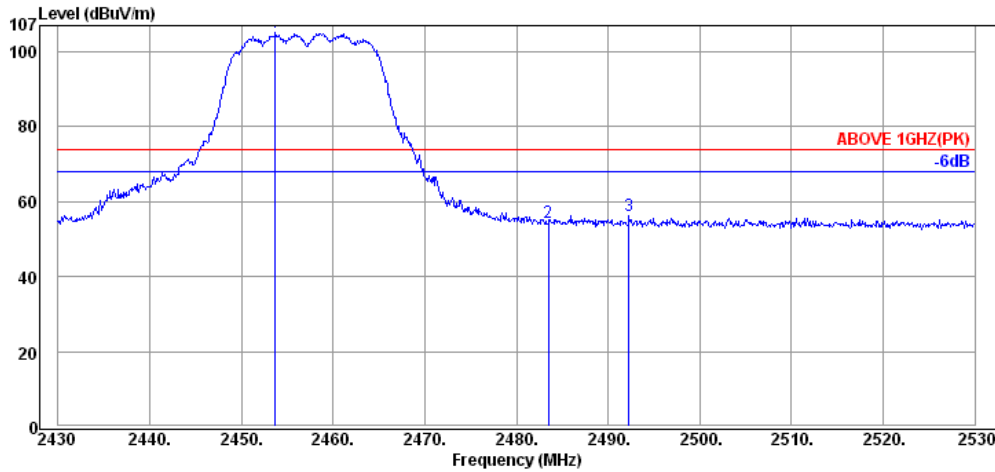
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2458.60	32.25	5.80	64.24	102.29	---	---	Peak
2483.50	32.28	5.82	15.29	53.39	74.00	20.61	Peak
2494.00	32.30	5.84	17.95	56.09	74.00	17.91	Peak



**Antenna at Horizontal Polarization**

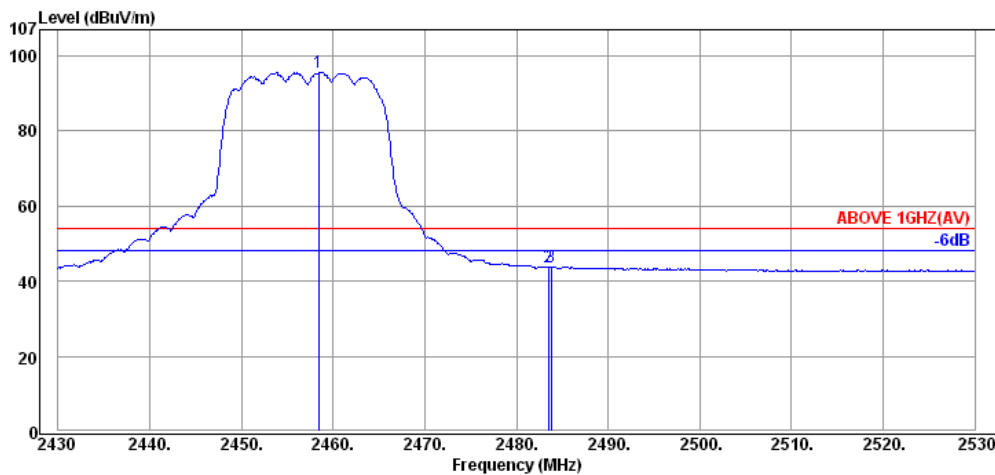
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2458.80	32.25	5.80	54.16	92.21	---	---	Average
2483.50	32.28	5.82	4.83	42.93	54.00	11.07	Average
2488.00	32.30	5.84	4.90	43.04	54.00	10.96	Average

Mode	802.11g	Frequency	TX 2457MHz
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**Antenna at Vertical Polarization**

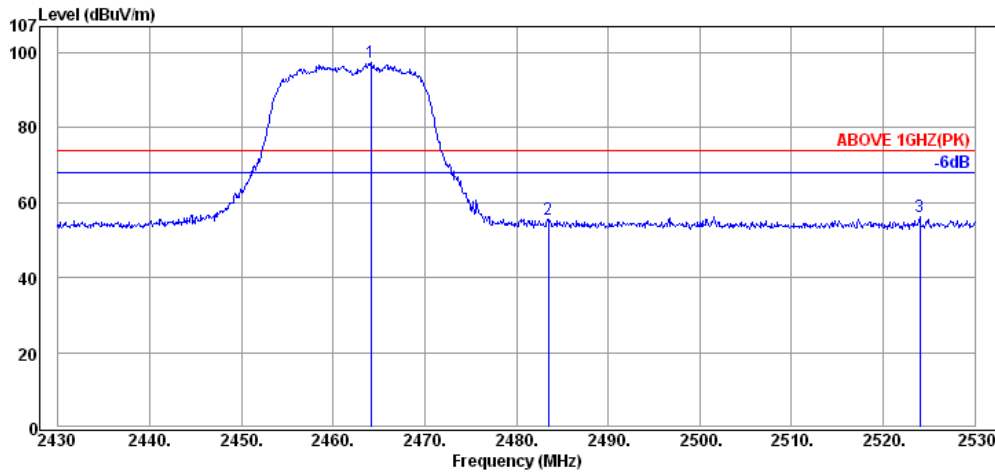
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2453.70	32.25	5.80	67.27	105.32	---	---	Peak
2483.50	32.28	5.82	16.22	54.32	74.00	19.68	Peak
2492.30	32.30	5.84	18.18	56.32	74.00	17.68	Peak



**Antenna at Vertical Polarization**

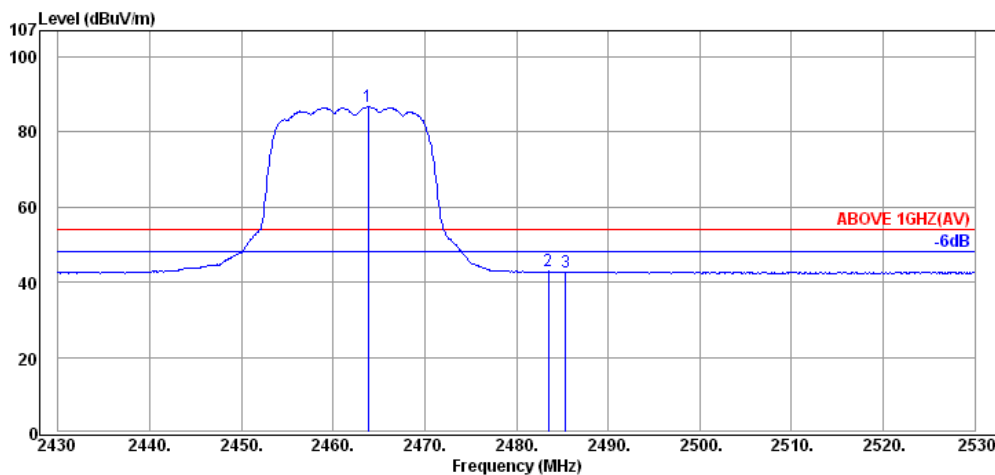
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2458.40	32.25	5.80	57.53	95.58	---	---	Average
2483.50	32.28	5.82	5.72	43.82	54.00	10.18	Average
2483.80	32.28	5.82	5.73	43.83	54.00	10.17	Average

Mode	802.11g	Frequency	TX 2462MHz
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**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2464.10	32.25	5.80	59.24	97.29	---	---	Peak
2483.50	32.28	5.82	17.25	55.35	74.00	18.65	Peak
2524.00	32.34	5.89	17.90	56.13	74.00	17.87	Peak

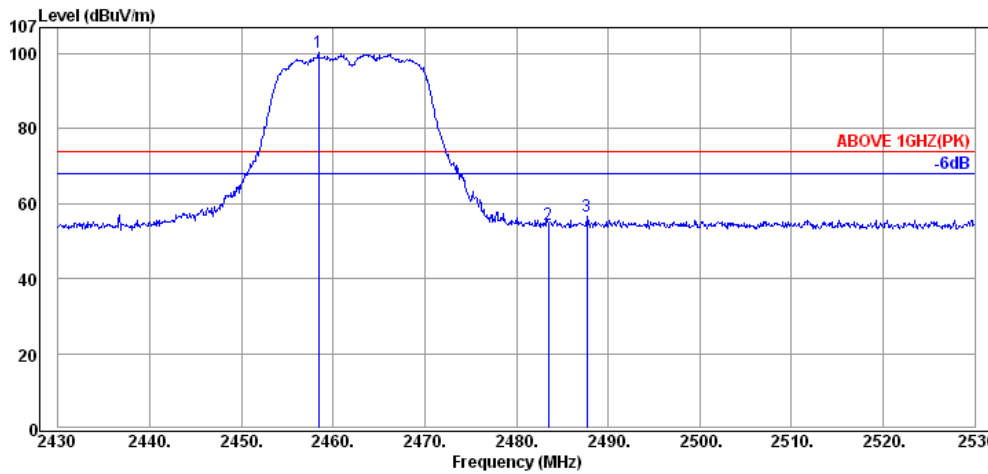


**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2463.80	32.25	5.80	48.65	86.70	---	---	Average
2483.50	32.28	5.82	4.80	42.90	54.00	11.10	Average
2485.40	32.28	5.82	4.70	42.80	54.00	11.20	Average

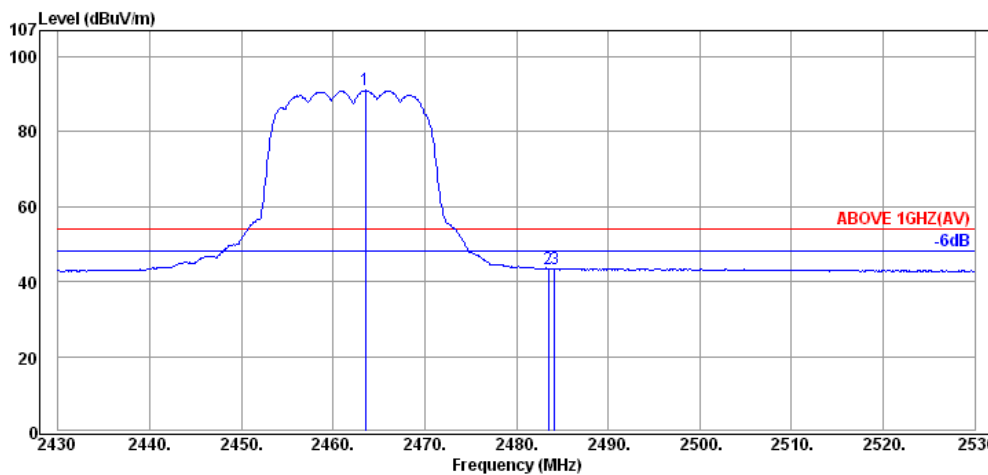


Mode	802.11g	Frequency	TX 2462MHz
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**Antenna at Vertical Polarization**

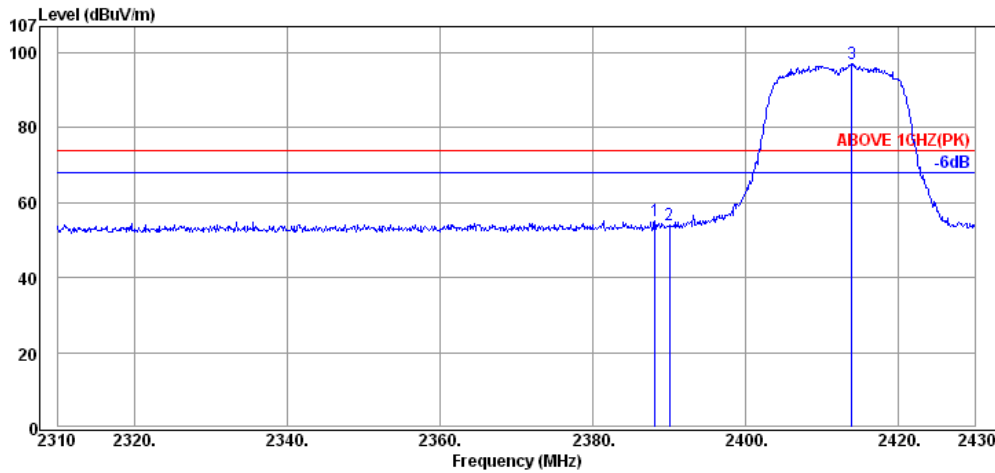
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2458.40	32.25	5.80	62.30	100.35	---	---	Peak
2483.50	32.28	5.82	16.30	54.40	74.00	19.60	Peak
2487.70	32.30	5.84	18.33	56.47	74.00	17.53	Peak



**Antenna at Vertical Polarization**

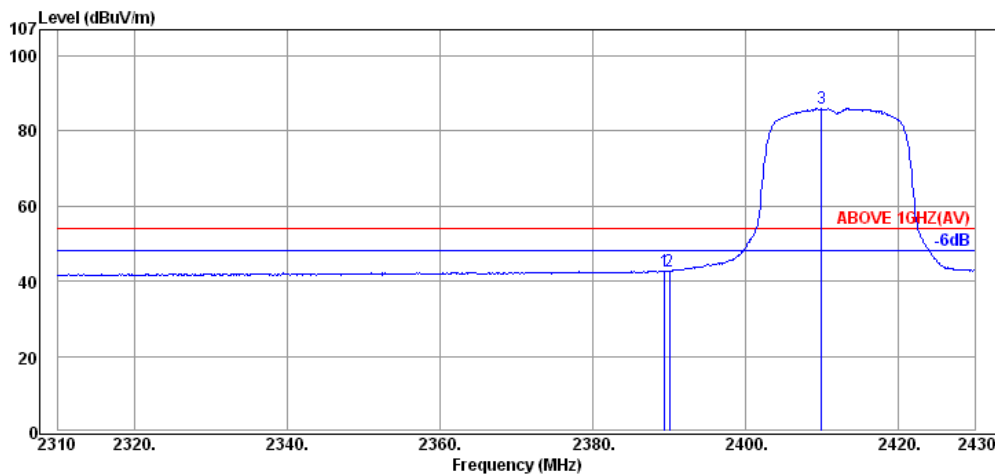
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2463.50	32.25	5.80	52.98	91.03	---	---	Average
2483.50	32.28	5.82	5.32	43.42	54.00	10.58	Average
2484.20	32.28	5.82	5.35	43.45	54.00	10.55	Average

Mode	802.11n-HT20	Frequency	TX 2412MHz
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**Antenna at Horizontal Polarization**

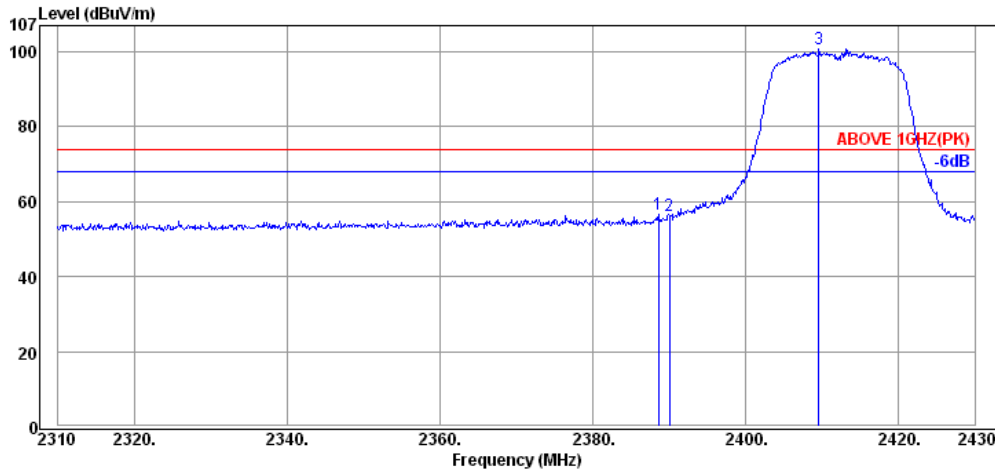
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.12	32.16	5.72	17.30	55.18	74.00	18.82	Peak
2390.04	32.16	5.72	15.99	53.87	74.00	20.13	Peak
2413.92	32.18	5.74	59.05	96.97	---	---	Peak



**Antenna at Horizontal Polarization**

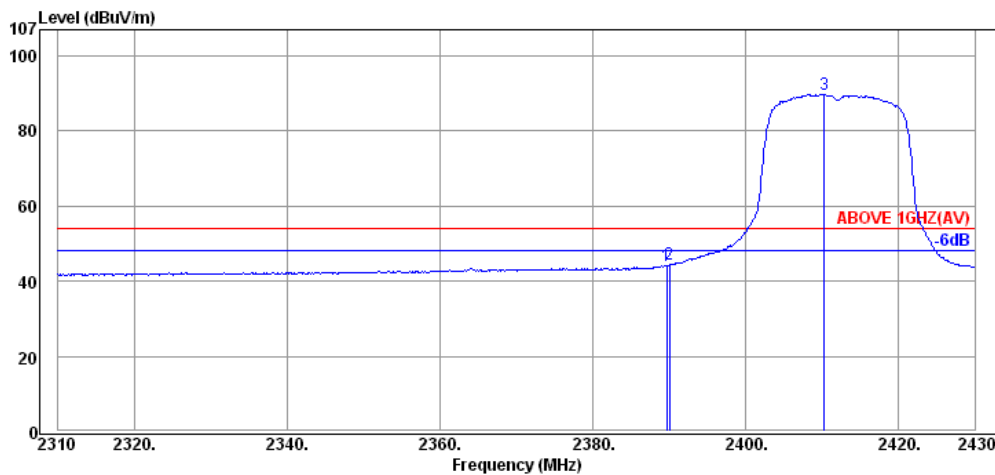
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.44	32.16	5.72	4.86	42.74	54.00	11.26	Average
2390.04	32.16	5.72	4.92	42.80	54.00	11.20	Average
2409.96	32.18	5.74	48.09	86.01	---	---	Average

Mode	802.11n-HT20	Frequency	TX 2412MHz
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**Antenna at Vertical Polarization**

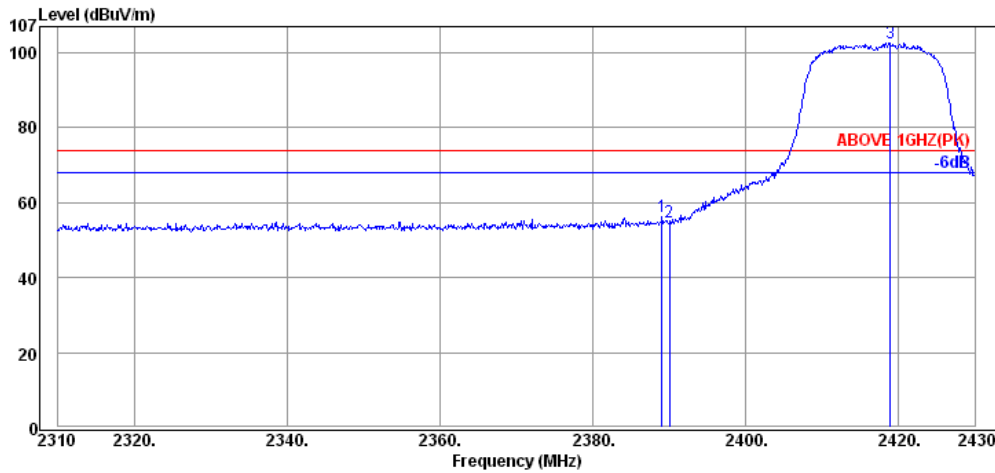
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.60	32.16	5.72	18.82	56.70	74.00	17.30	Peak
2390.04	32.16	5.72	18.43	56.31	74.00	17.69	Peak
2409.60	32.18	5.74	62.96	100.88	---	---	Peak



**Antenna at Vertical Polarization**

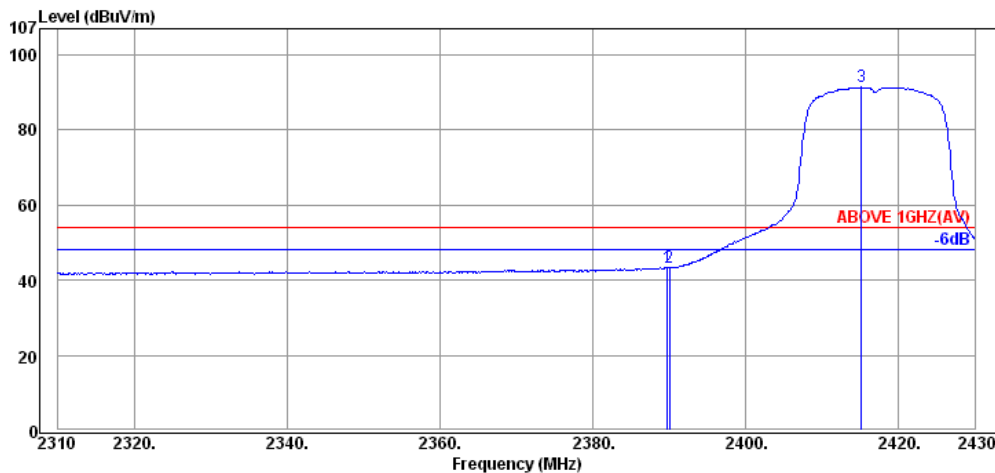
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.68	32.16	5.72	6.26	44.14	54.00	9.86	Average
2390.04	32.16	5.72	6.53	44.41	54.00	9.59	Average
2410.32	32.18	5.74	51.83	89.75	---	---	Average

Mode	802.11n-HT20	Frequency	TX 2417MHz
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**Antenna at Horizontal Polarization**

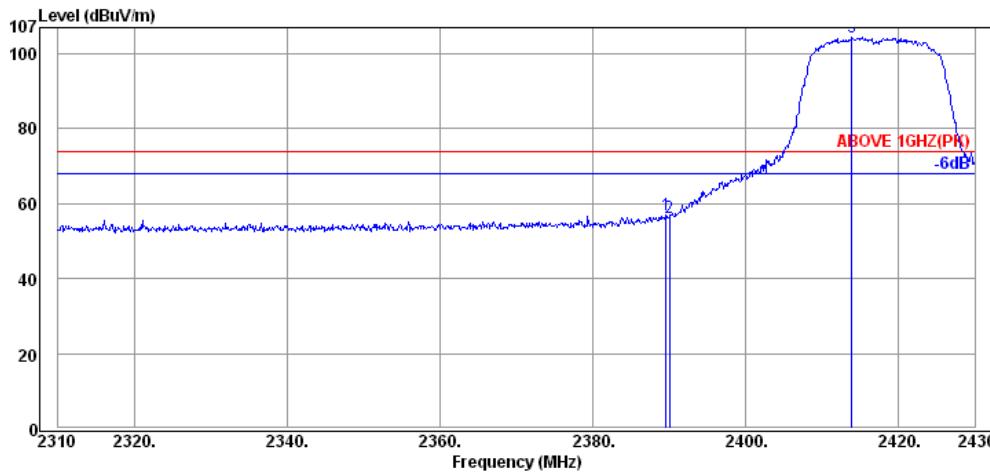
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.08	32.16	5.72	18.47	56.35	---	---	Peak
2390.04	32.16	5.72	17.06	54.94	74.00	19.06	Peak
2418.96	32.18	5.74	64.66	102.58	74.00	-28.58	Peak



**Antenna at Horizontal Polarization**

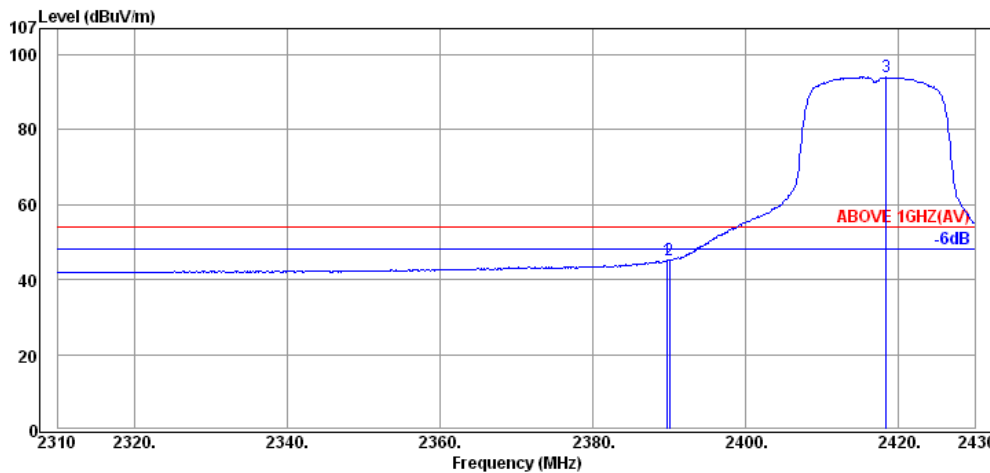
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.16	5.72	5.38	43.26	---	---	Average
2390.04	32.16	5.72	5.48	43.36	54.00	10.64	Average
2415.12	32.18	5.74	53.45	91.37	54.00	-37.37	Average

Mode	802.11n-HT20	Frequency	TX 2417MHz
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**Antenna at Vertical Polarization**

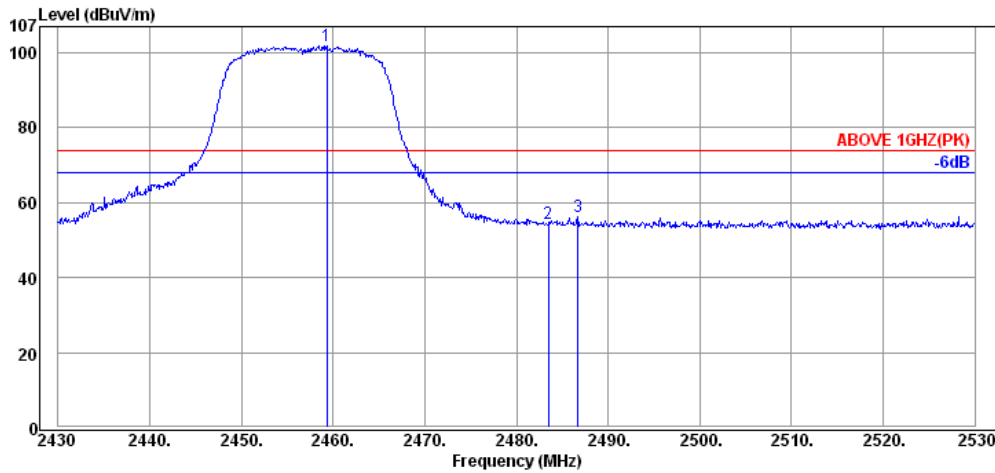
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.56	32.16	5.72	19.10	56.98	---	---	Peak
2390.04	32.16	5.72	18.43	56.31	74.00	17.69	Peak
2413.92	32.18	5.74	66.67	104.59	74.00	-30.59	Peak



**Antenna at Vertical Polarization**

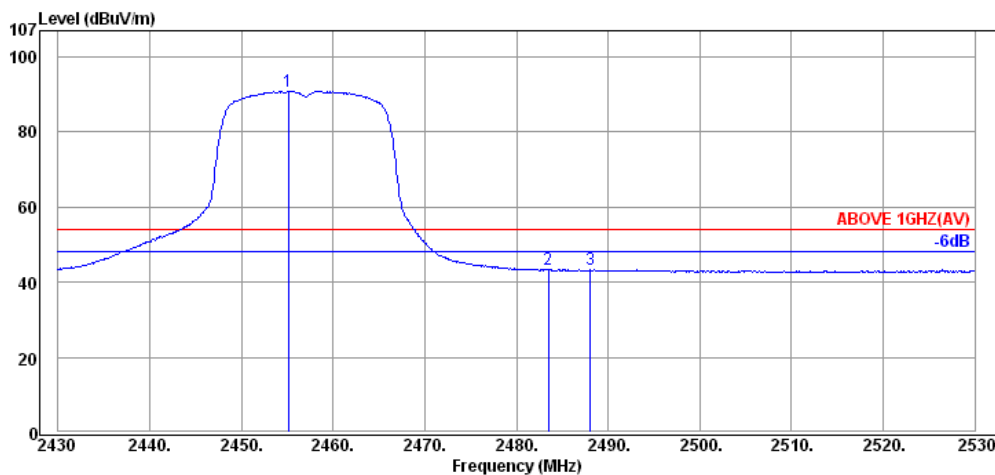
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.16	5.72	7.23	45.11	---	---	Average
2390.04	32.16	5.72	7.25	45.13	54.00	8.87	Average
2418.36	32.18	5.74	56.13	94.05	54.00	-40.05	Average

Mode	802.11n-HT20	Frequency	TX 2457MHz
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**Antenna at Horizontal Polarization**

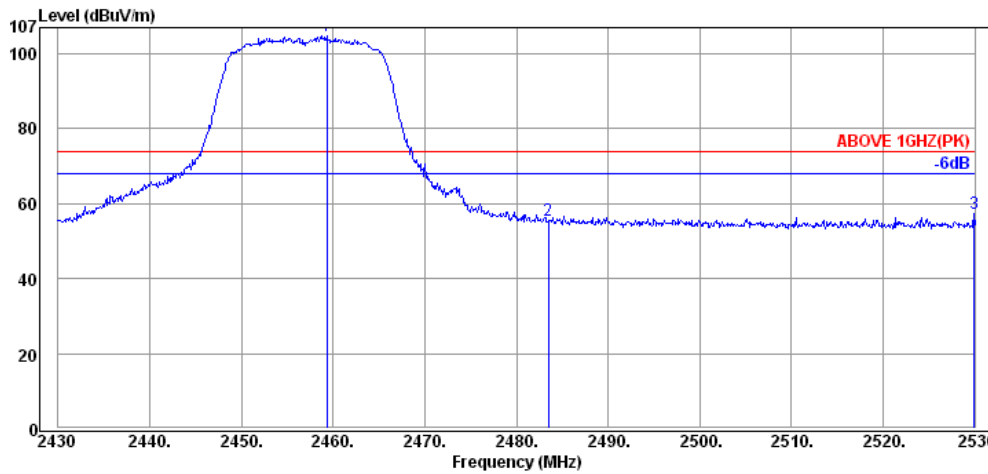
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2459.30	32.25	5.80	63.85	101.90	---	---	Peak
2483.50	32.28	5.82	16.40	54.50	74.00	19.50	Peak
2486.70	32.28	5.82	18.26	56.36	74.00	17.64	Peak



**Antenna at Horizontal Polarization**

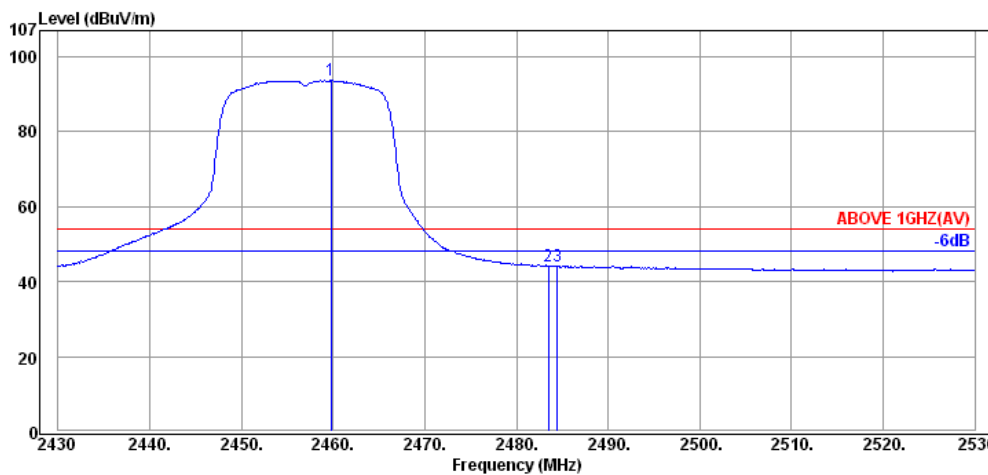
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2455.10	32.25	5.80	52.72	90.77	---	---	Average
2483.50	32.28	5.82	5.17	43.27	54.00	10.73	Average
2488.10	32.30	5.84	5.27	43.41	54.00	10.59	Average

Mode	802.11n-HT20	Frequency	TX 2457MHz
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**Antenna at Vertical Polarization**

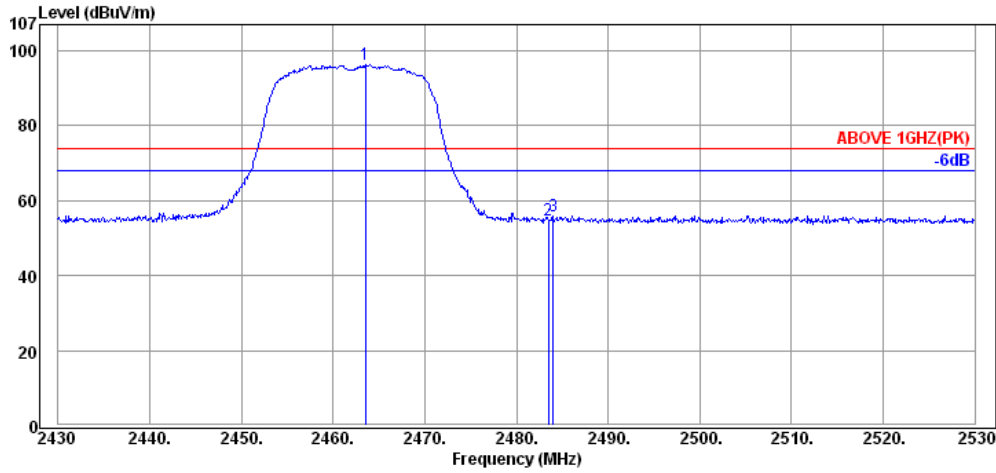
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2459.30	32.25	5.80	66.72	104.77	---	---	Peak
2483.50	32.28	5.82	17.27	55.37	74.00	18.63	Peak
2529.90	32.34	5.89	19.05	57.28	74.00	16.72	Peak



**Antenna at Vertical Polarization**

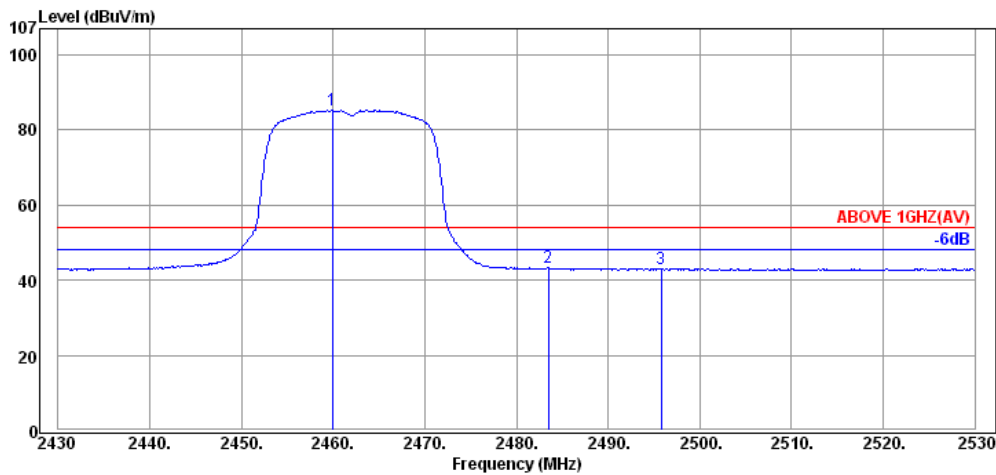
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2459.80	32.25	5.80	55.72	93.77	---	---	Average
2483.50	32.28	5.82	6.01	44.11	54.00	9.89	Average
2484.50	32.28	5.82	6.14	44.24	54.00	9.76	Average

Mode	802.11n-HT20	Frequency	TX 2462MHz
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**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2463.50	32.25	5.80	58.30	96.35	---	---	Peak
2483.50	32.28	5.82	16.80	54.90	74.00	19.10	Peak
2484.00	32.28	5.82	17.84	55.94	74.00	18.06	Peak

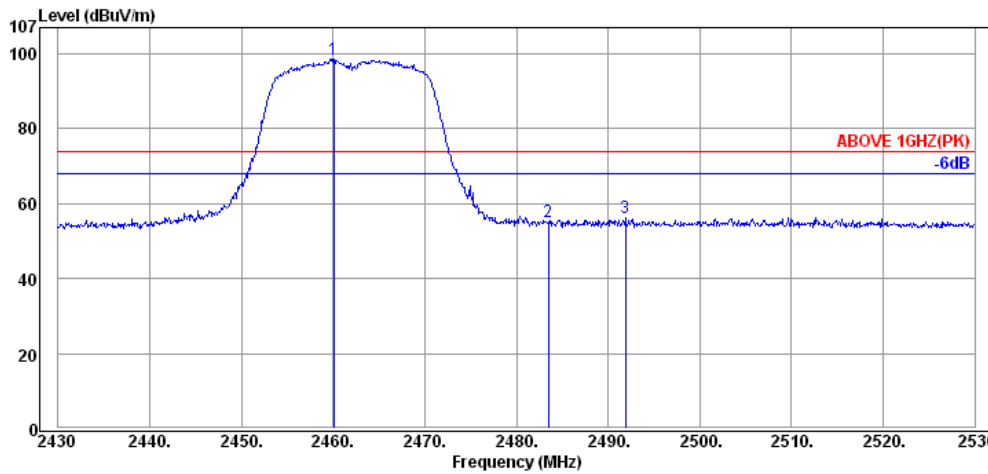


**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2459.90	32.25	5.80	47.21	85.26	---	---	Average
2483.50	32.28	5.82	5.15	43.25	54.00	10.75	Average
2495.80	32.30	5.84	5.01	43.15	54.00	10.85	Average

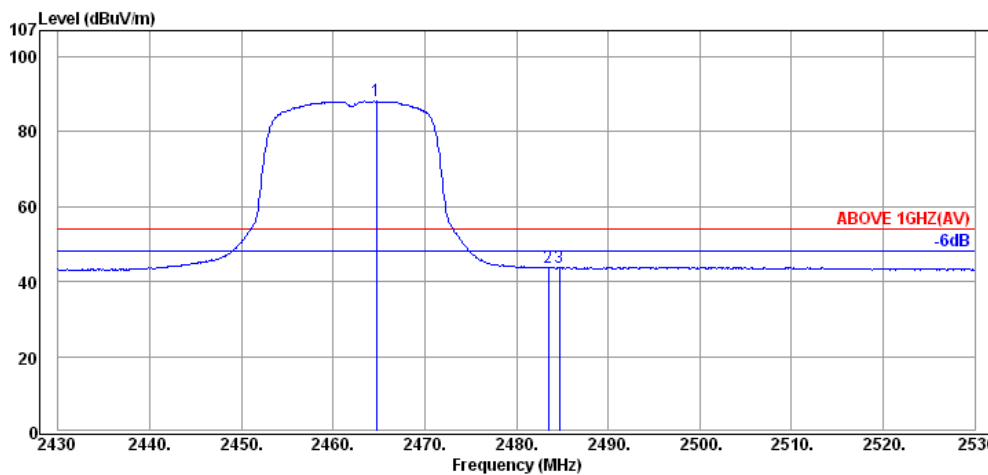


Mode	802.11n-HT20	Frequency	TX 2462MHz
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**Antenna at Vertical Polarization**

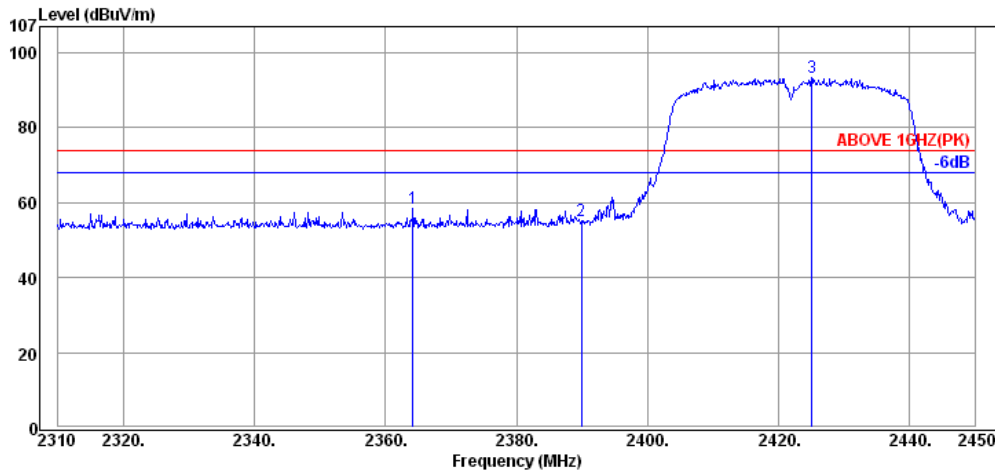
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2460.10	32.25	5.80	60.54	98.59	---	---	Peak
2483.50	32.28	5.82	16.88	54.98	74.00	19.02	Peak
2491.90	32.30	5.84	18.12	56.26	74.00	17.74	Peak



**Antenna at Vertical Polarization**

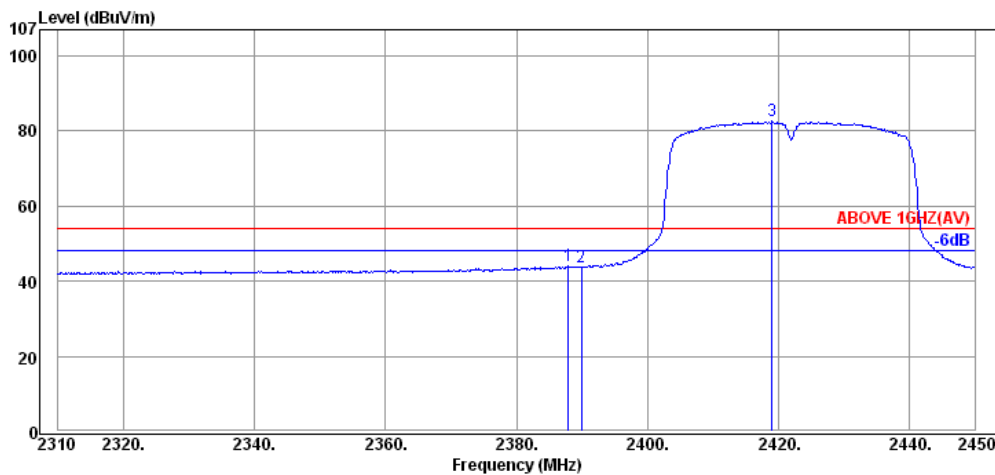
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2464.70	32.25	5.80	50.29	88.34	---	---	Average
2483.50	32.28	5.82	5.55	43.65	54.00	10.35	Average
2484.70	32.28	5.82	5.81	43.91	54.00	10.09	Average

Mode	802.11n-HT40	Frequency	TX 2422MHz
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**Antenna at Horizontal Polarization**

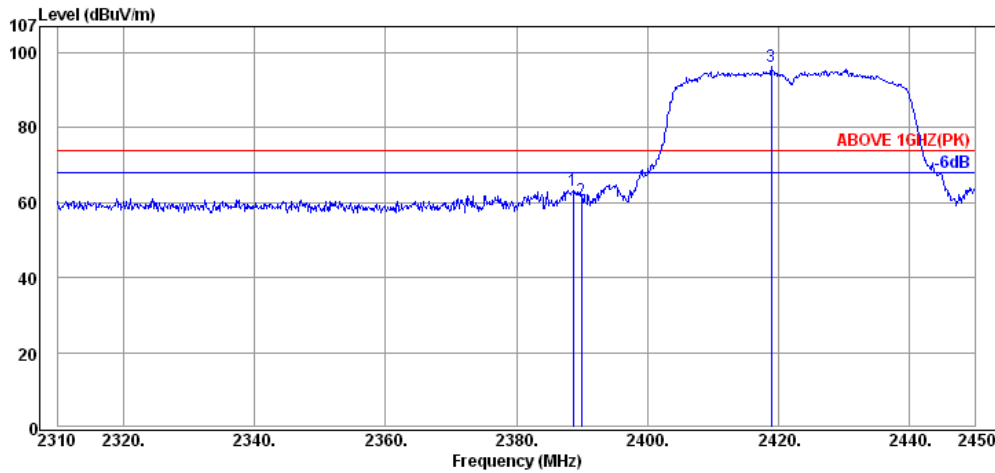
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2364.18	32.11	5.69	20.84	58.64	74.00	15.36	Peak
2389.94	32.16	5.72	17.17	55.05	74.00	18.95	Peak
2425.08	32.20	5.76	55.28	93.24	---	---	Peak



**Antenna at Horizontal Polarization**

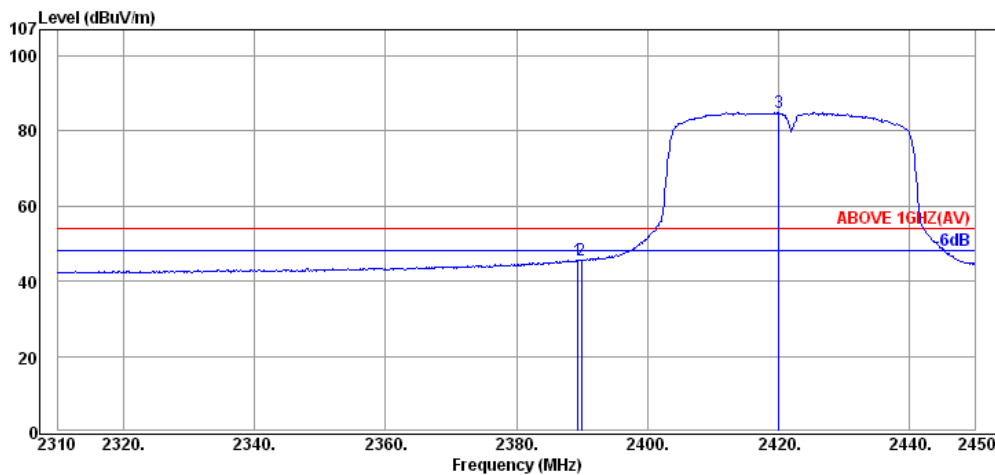
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2387.98	32.16	5.72	6.22	44.10	54.00	9.90	Average
2389.94	32.16	5.72	5.76	43.64	54.00	10.36	Average
2419.06	32.18	5.74	44.71	82.63	---	---	Average

Mode	802.11n-HT40	Frequency	TX 2422MHz
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**Antenna at Vertical Polarization**

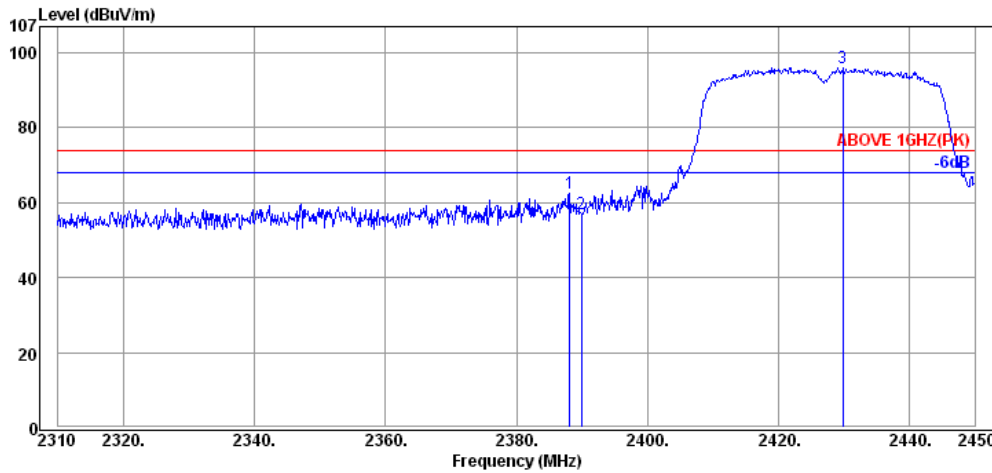
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.68	32.16	5.72	25.47	63.35	74.00	10.65	Peak
2389.94	32.16	5.72	22.93	60.81	74.00	13.19	Peak
2418.92	32.18	5.74	58.31	96.23	---	---	Peak



**Antenna at Vertical Polarization**

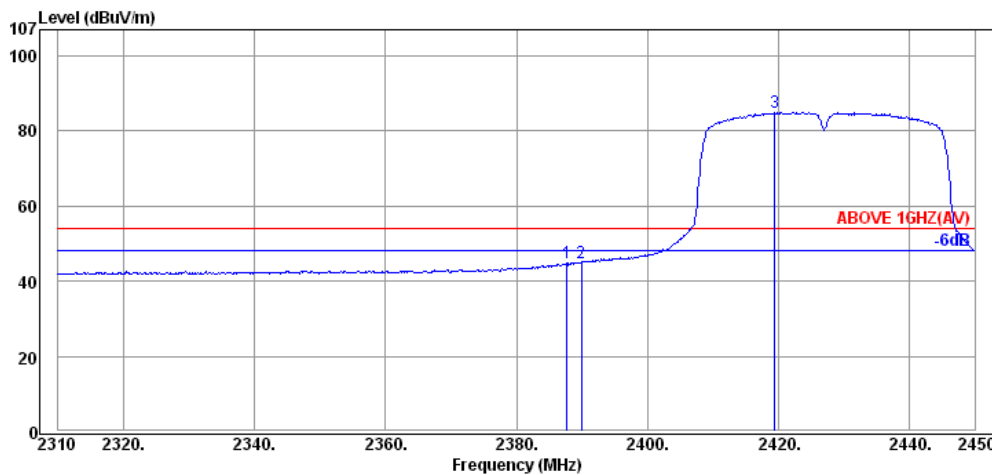
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.38	32.16	5.72	7.81	45.69	54.00	8.31	Average
2389.94	32.16	5.72	7.66	45.54	54.00	8.46	Average
2420.04	32.20	5.76	46.94	84.90	---	---	Average

Mode	802.11n-HT40	Frequency	TX 2427MHz
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**Antenna at Horizontal Polarization**

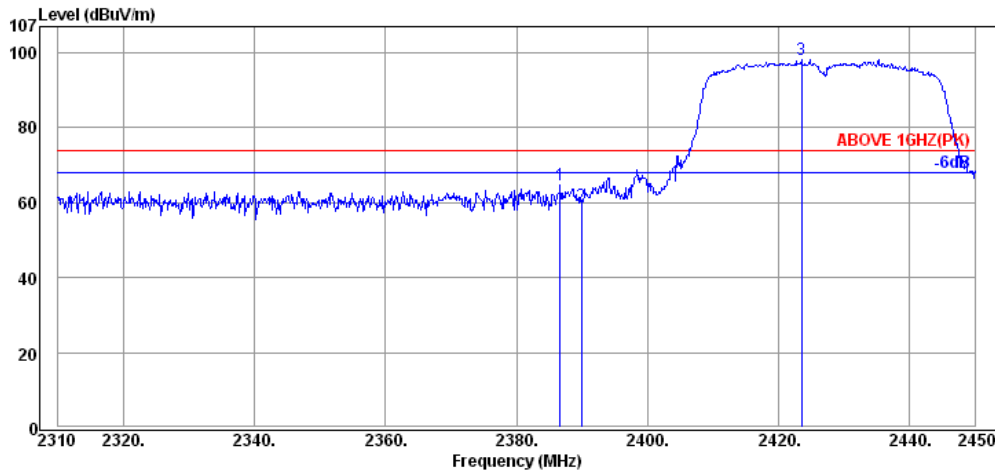
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.12	32.16	5.72	24.60	62.48	74.00	11.52	Peak
2389.94	32.16	5.72	19.06	56.94	74.00	17.06	Peak
2429.84	32.20	5.76	58.09	96.05	---	---	Peak



**Antenna at Horizontal Polarization**

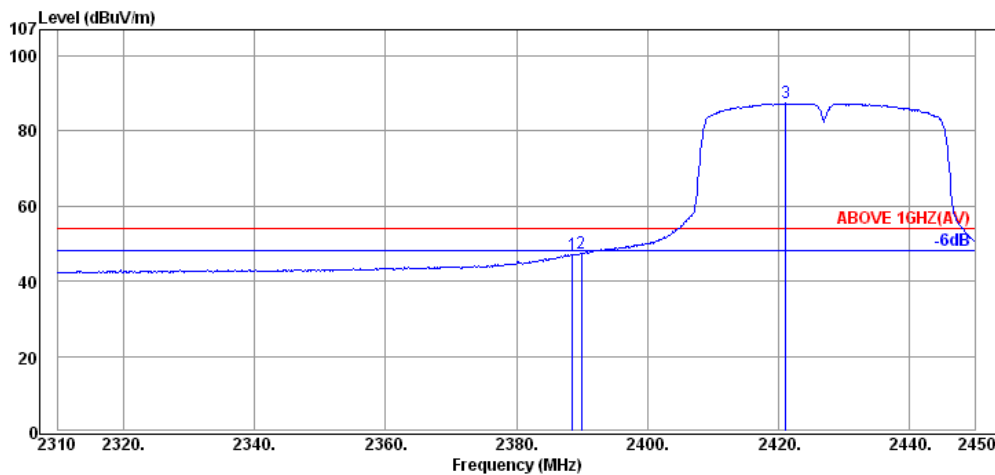
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2387.70	32.16	5.72	7.13	45.01	54.00	8.99	Average
2389.94	32.16	5.72	6.94	44.82	54.00	9.18	Average
2419.48	32.18	5.74	47.12	85.04	---	---	Average

Mode	802.11n-HT40	Frequency	TX 2427MHz
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**Antenna at Vertical Polarization**

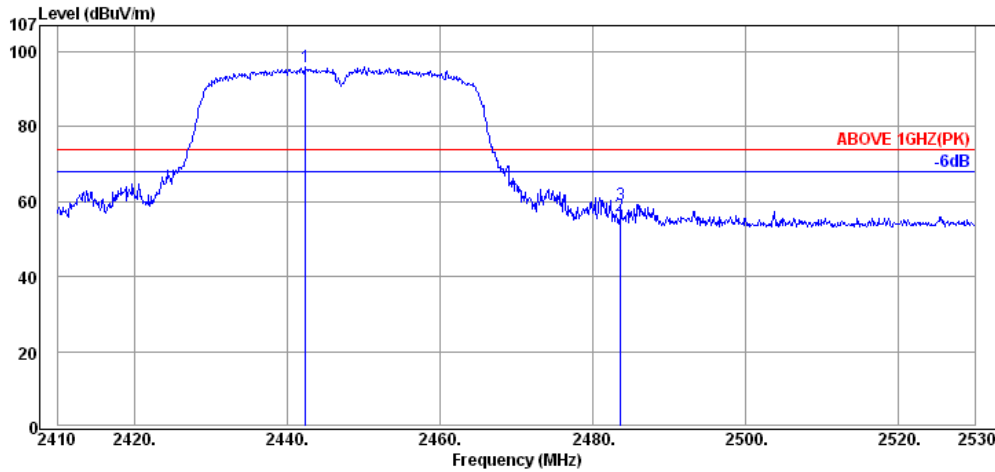
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2386.72	32.16	5.72	26.74	64.62	74.00	9.38	Peak
2389.94	32.16	5.72	21.36	59.24	74.00	14.76	Peak
2423.54	32.20	5.76	60.33	98.29	---	---	Peak



**Antenna at Vertical Polarization**

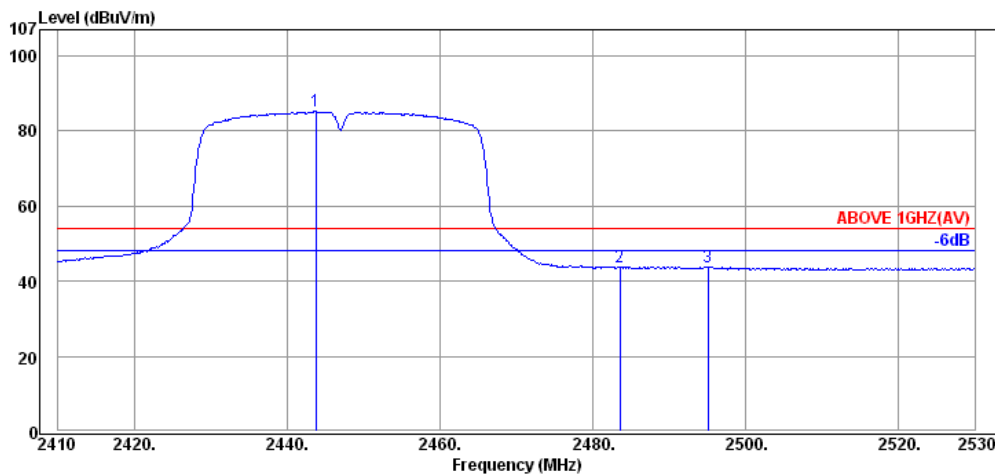
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.54	32.16	5.72	9.29	47.17	54.00	6.83	Average
2389.94	32.16	5.72	9.56	47.44	54.00	6.56	Average
2421.16	32.20	5.76	49.61	87.57	---	---	Average

Mode	802.11n-HT40	Frequency	TX 2447MHz
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**Antenna at Horizontal Polarization**

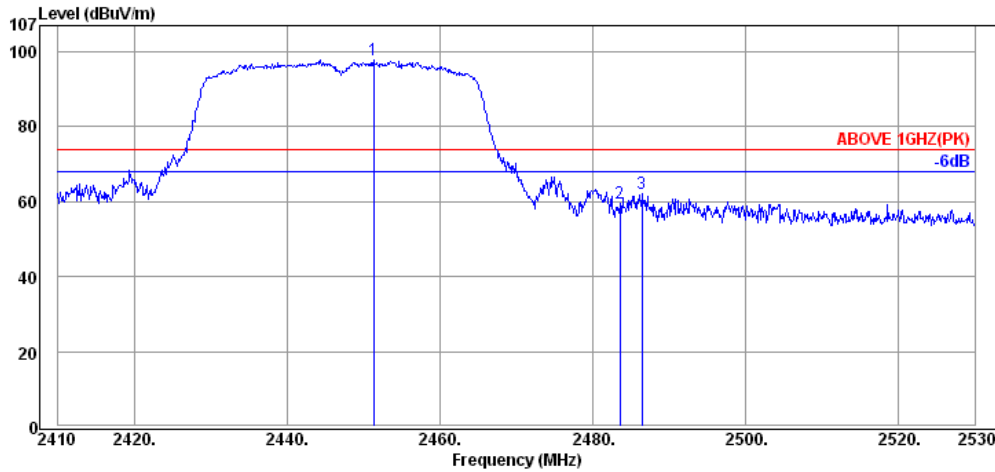
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2442.40	32.23	5.78	57.94	95.95	---	---	Peak
2483.56	32.28	5.82	18.00	56.10	74.00	17.90	Peak
2483.68	32.28	5.82	21.03	59.13	74.00	14.87	Peak



**Antenna at Horizontal Polarization**

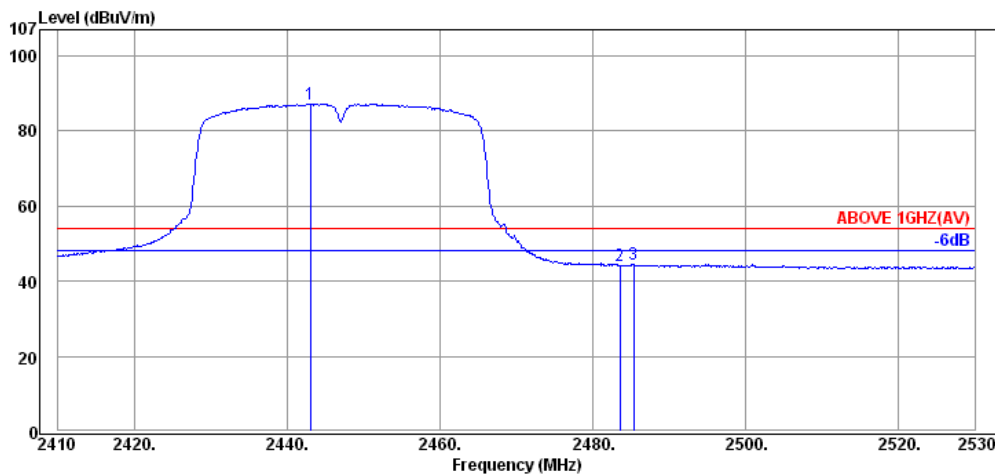
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2443.72	32.23	5.78	47.33	85.34	---	---	Average
2483.56	32.28	5.82	5.76	43.86	54.00	10.14	Average
2495.08	32.30	5.84	5.71	43.85	54.00	10.15	Average

Mode	802.11n-HT40	Frequency	TX 2447MHz
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**Antenna at Vertical Polarization**

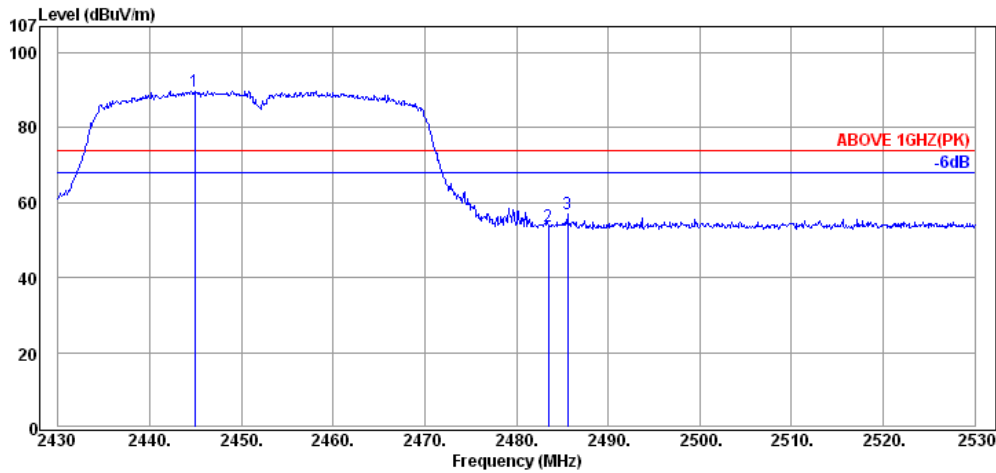
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2451.28	32.23	5.78	59.66	97.67	---	---	Peak
2483.56	32.28	5.82	21.44	59.54	74.00	14.46	Peak
2486.44	32.28	5.82	24.10	62.20	74.00	11.80	Peak



**Antenna at Vertical Polarization**

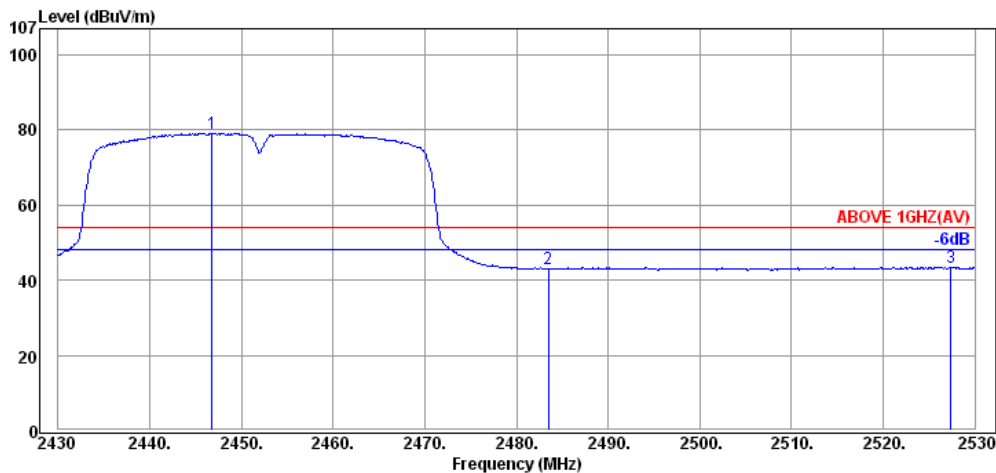
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2443.00	32.23	5.78	49.19	87.20	---	---	Average
2483.56	32.28	5.82	6.07	44.17	54.00	9.83	Average
2485.36	32.28	5.82	6.50	44.60	54.00	9.40	Average

Mode	802.11n-HT40	Frequency	TX 2452MHz
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**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2444.90	32.23	5.78	51.79	89.80	---	---	Peak
2483.50	32.28	5.82	15.49	53.59	74.00	20.41	Peak
2485.60	32.28	5.82	18.91	57.01	74.00	16.99	Peak

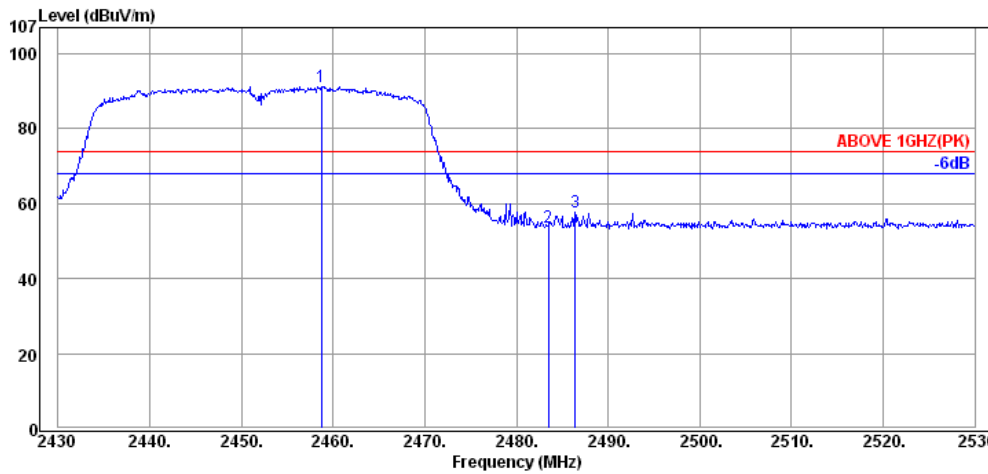


**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2446.80	32.23	5.78	41.20	79.21	---	---	Average
2483.50	32.28	5.82	4.92	43.02	54.00	10.98	Average
2527.40	32.34	5.89	5.20	43.43	54.00	10.57	Average

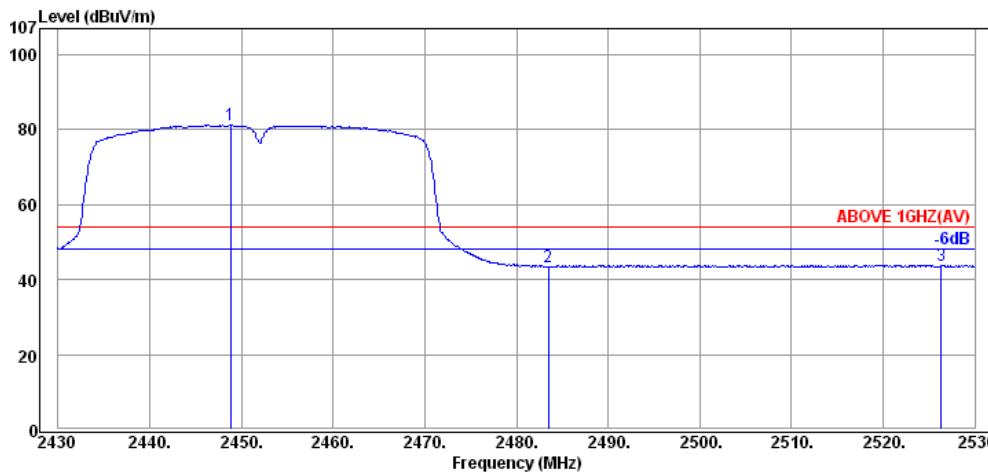


Mode	802.11n-HT40	Frequency	TX 2452MHz
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**Antenna at Vertical Polarization**

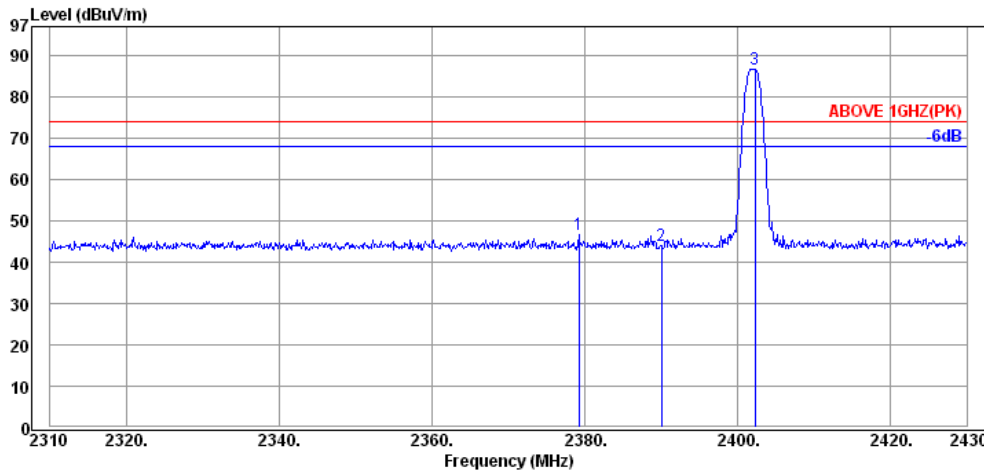
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2458.70	32.25	5.80	53.32	91.37	---	---	Peak
2483.50	32.28	5.82	15.60	53.70	74.00	20.30	Peak
2486.40	32.28	5.82	19.71	57.81	74.00	16.19	Peak



**Antenna at Vertical Polarization**

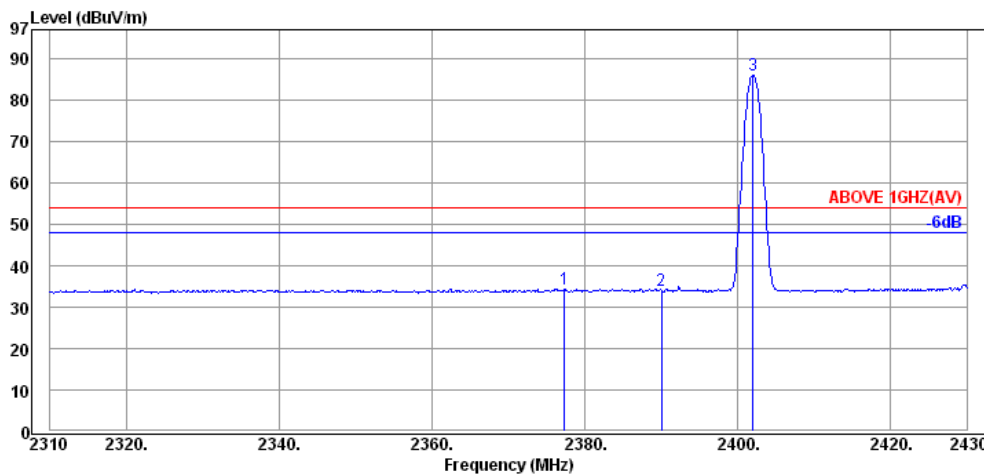
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2448.80	32.23	5.78	43.21	81.22	---	---	Average
2483.50	32.28	5.82	5.40	43.50	54.00	10.50	Average
2526.30	32.34	5.89	5.67	43.90	54.00	10.10	Average

Mode	BLE	Frequency	TX 2402MHz
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**Antenna at Horizontal Polarization**

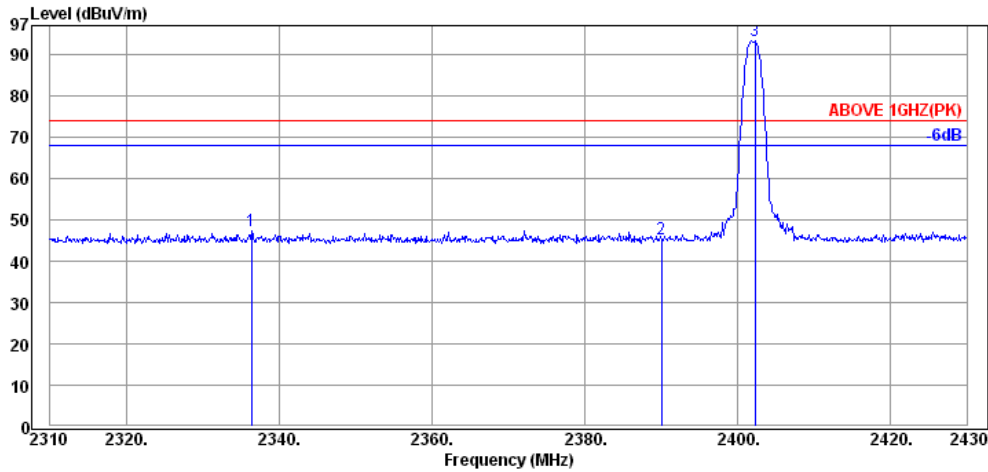
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2379.24	32.13	5.71	8.82	46.66	74.00	27.34	Peak
2390.04	32.16	5.72	5.98	43.86	74.00	30.14	Peak
2402.28	32.16	5.72	48.87	86.75	---	---	Peak



**Antenna at Horizontal Polarization**

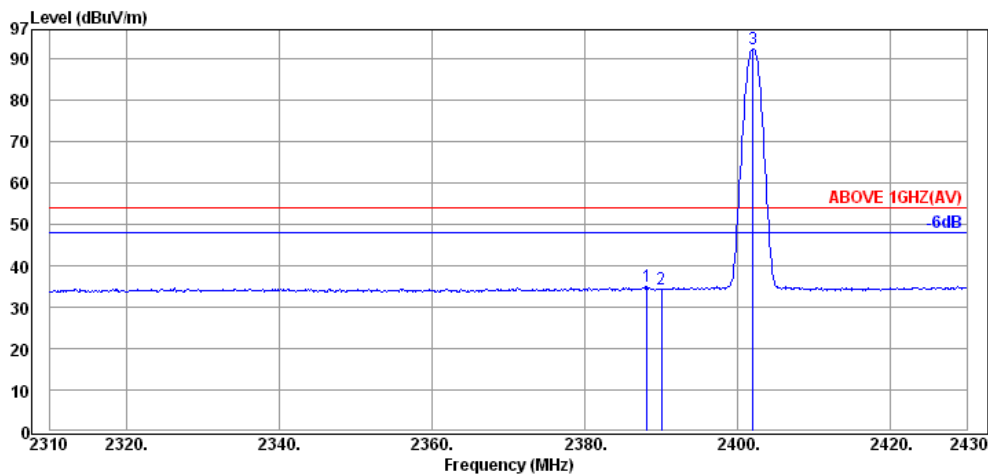
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2377.32	32.13	5.71	-3.44	34.40	54.00	19.60	Average
2390.04	32.16	5.72	-3.96	33.92	54.00	20.08	Average
2402.04	32.16	5.72	48.18	86.06	---	---	Average

Mode	BLE	Frequency	TX 2402MHz
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**Antenna at Vertical Polarization**

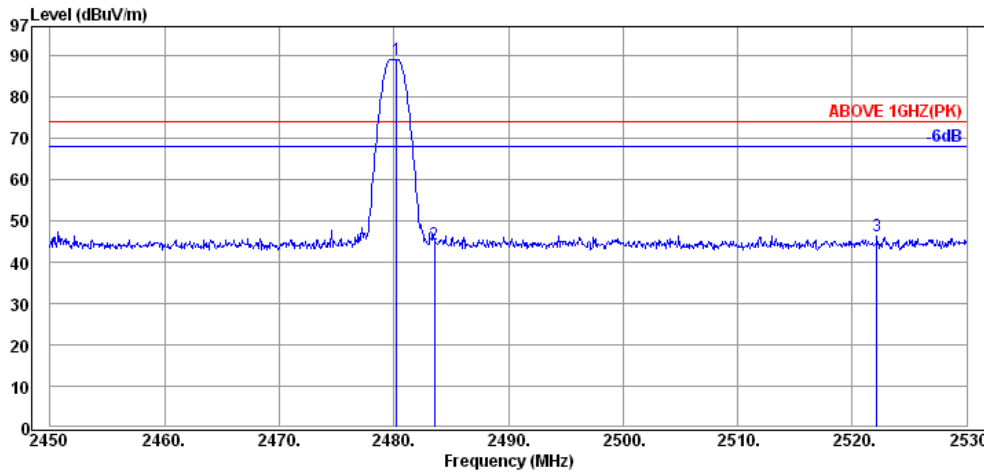
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2336.40	32.08	5.68	9.50	47.26	74.00	26.74	Peak
2390.04	32.16	5.72	7.59	45.47	74.00	28.53	Peak
2402.28	32.16	5.72	55.31	93.19	---	---	Peak



**Antenna at Vertical Polarization**

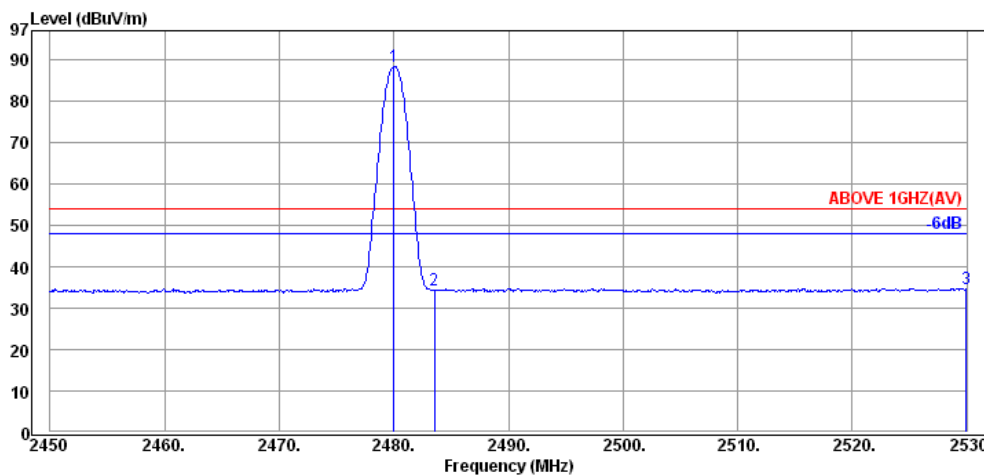
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.12	32.16	5.72	-3.00	34.88	54.00	19.12	Average
2390.04	32.16	5.72	-3.56	34.32	54.00	19.68	Average
2402.04	32.16	5.72	54.54	92.42	---	---	Average

Mode	BLE	Frequency	TX 2480MHz
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**Antenna at Horizontal Polarization**

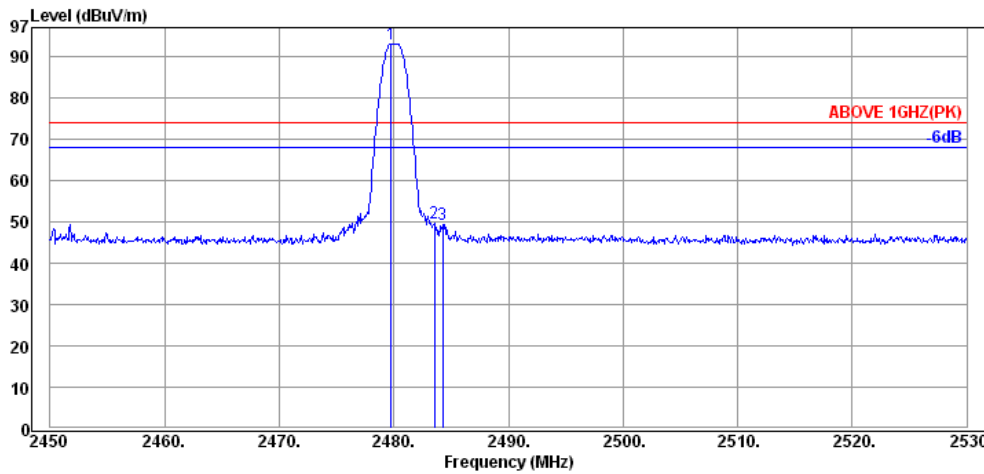
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2480.24	32.28	5.82	51.05	89.15	---	---	Peak
2483.52	32.28	5.82	6.27	44.37	74.00	29.63	Peak
2522.16	32.34	5.89	8.08	46.31	74.00	27.69	Peak



**Antenna at Horizontal Polarization**

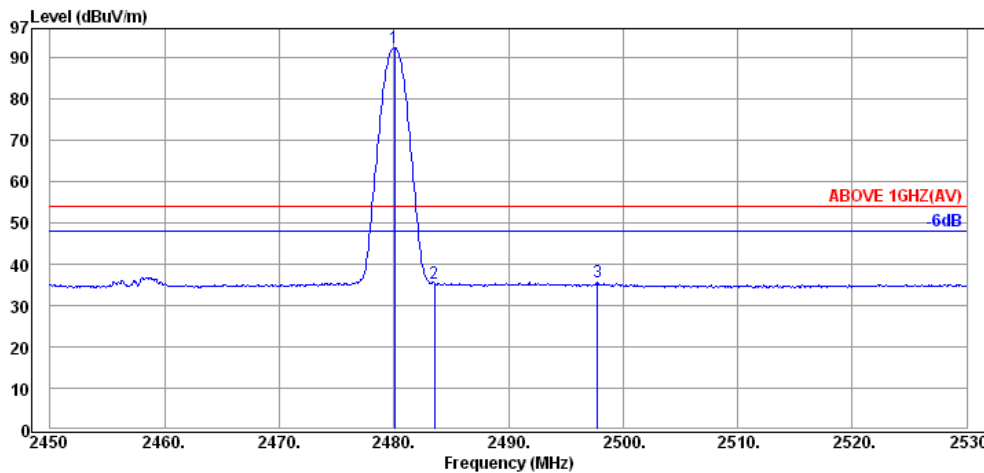
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2480.00	32.28	5.82	50.30	88.40	---	---	Average
2483.52	32.28	5.82	-3.87	34.23	54.00	19.77	Average
2529.92	32.34	5.89	-3.45	34.78	54.00	19.22	Average

Mode	BLE	Frequency	TX 2480MHz
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**Antenna at Vertical Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2479.76	32.28	5.82	55.01	93.11	---	---	Peak
2483.52	32.28	5.82	11.48	49.58	74.00	24.42	Peak
2484.24	32.28	5.82	11.35	49.45	74.00	24.55	Peak



**Antenna at Vertical Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2480.08	32.28	5.82	54.22	92.32	---	---	Average
2483.52	32.28	5.82	-2.69	35.41	54.00	18.59	Average
2497.76	32.30	5.84	-2.64	35.50	54.00	18.50	Average

### A.2.2 Emissions outside the frequency band:

The emissions (up to 25GHz) not reported for there is no emission be found.

Mode	802.11b	Frequency	TX 2462MHz
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#### Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
4925.00	34.27	8.57	6.92	49.76	54.00	4.24	Peak
7385.00	35.80	10.15	0.56	46.51	54.00	7.49	Peak

#### Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
4925.00	34.27	8.57	8.73	51.57	54.00	2.43	Peak
7385.00	35.80	10.15	-1.01	44.94	54.00	9.06	Peak

Mode	802.11g	Frequency	TX 2437MHz
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#### Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
4875.00	34.25	8.35	2.90	45.50	54.00	8.50	Average
4875.00	34.25	8.35	13.84	56.44	74.00	17.56	Peak
7310.00	35.80	9.82	-8.20	37.42	54.00	16.58	Average
7310.00	35.80	9.82	-0.46	45.16	74.00	28.84	Peak

#### Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
4875.00	34.25	8.35	4.10	46.70	54.00	7.30	Average
4875.00	34.25	8.35	15.31	57.91	74.00	16.09	Peak
7310.00	35.80	9.82	-7.70	37.92	54.00	16.08	Average
7310.00	35.80	9.82	-0.07	45.55	74.00	28.45	Peak

Mode	802.11n-HT20	Frequency	TX 2437MHz
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**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
4880.00	34.25	8.35	2.90	45.50	54.00	8.50	Average
4880.00	34.25	8.35	13.27	55.87	74.00	18.13	Peak
7310.00	35.80	9.82	-8.20	37.42	54.00	16.58	Average
7310.00	35.80	9.82	0.09	45.71	74.00	28.29	Peak

**Antenna at Vertical Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
4880.00	34.25	8.35	4.71	47.31	54.00	6.69	Average
4880.00	34.25	8.35	15.49	58.09	74.00	15.91	Peak
7310.00	35.80	9.82	-8.70	36.92	54.00	17.08	Average
7310.00	35.80	9.82	0.28	45.90	74.00	28.10	Peak

Mode	802.11n-HT40	Frequency	TX 2437MHz
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**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
4885.00	34.26	8.47	5.66	48.39	54.00	5.61	Peak
7310.00	35.80	9.82	-0.40	45.22	54.00	8.78	Peak

**Antenna at Vertical Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
4870.00	34.25	8.35	6.86	49.46	54.00	4.54	Peak
7310.00	35.80	9.82	-1.06	44.56	54.00	9.44	Peak

Mode	BLE	Frequency	TX 2402MHz
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**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
4805.00	34.22	7.86	0.93	43.01	54.00	10.99	Peak
7205.00	35.80	9.22	0.74	45.76	54.00	8.24	Peak

**Antenna at Vertical Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
4805.00	34.22	7.86	2.46	44.54	54.00	9.46	Peak
7205.00	35.80	9.22	1.99	47.01	54.00	6.99	Peak

Mode	BLE	Frequency	TX 2440MHz
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**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
4880.00	34.25	8.35	-0.44	42.16	54.00	11.84	Peak
7320.00	35.80	9.89	-0.25	45.44	54.00	8.56	Peak

**Antenna at Vertical Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
4875.00	34.25	8.35	1.97	44.57	54.00	9.43	Peak
7320.00	35.80	9.89	0.89	46.58	54.00	7.42	Peak



Mode	BLE	Frequency	TX 2480MHz
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**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4960.00	34.29	9.40	0.07	43.76	54.00	10.24	Peak
7440.00	35.80	12.56	0.06	48.42	54.00	5.58	Peak

**Antenna at Vertical Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4960.00	34.29	9.40	0.87	44.56	54.00	9.44	Peak
7440.00	35.80	12.56	-0.60	47.76	54.00	6.24	Peak

A.2.3 Emissions in Non-restricted Frequency Bands:

Pursuant to KDB 558074 D01 DTS Meas Guidance v04 that emission levels below the 15.209 general radiated emissions limits is not required.

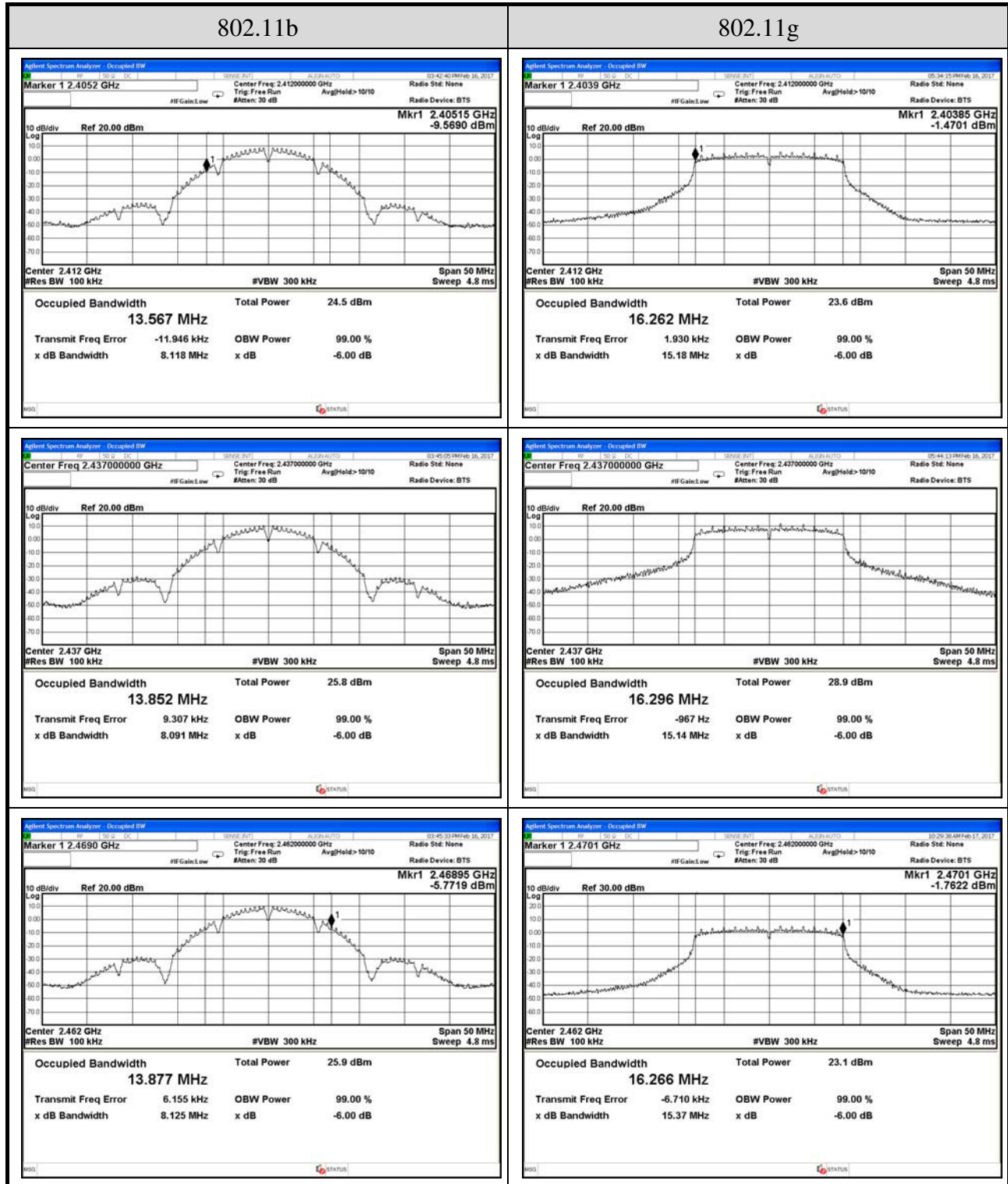
### A.3 6dB BANDWIDTH

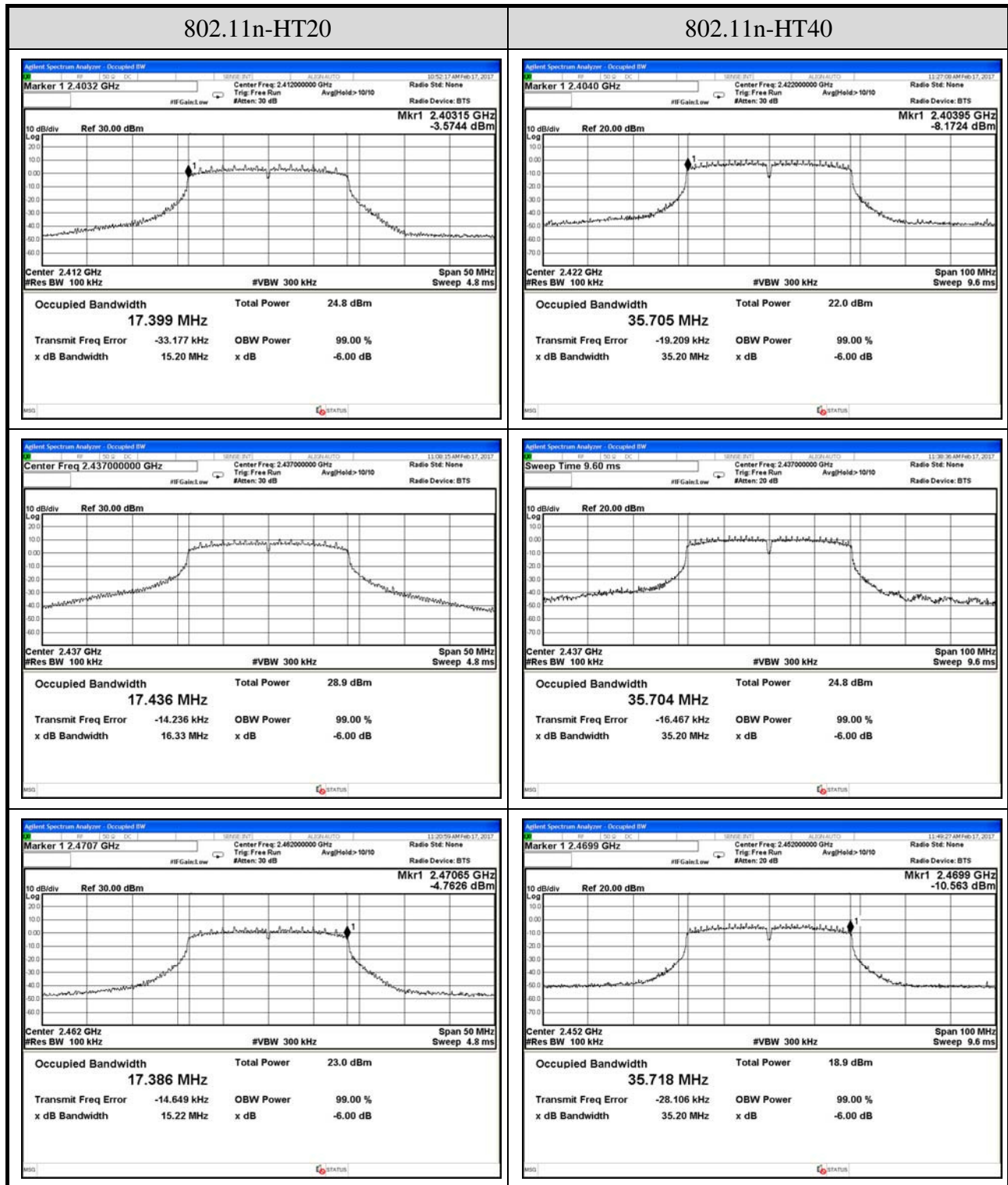
Test Date	2017/02/16~03/09	Temp./Hum.	23~24°C/55~56%
Cable Loss	2.2dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)

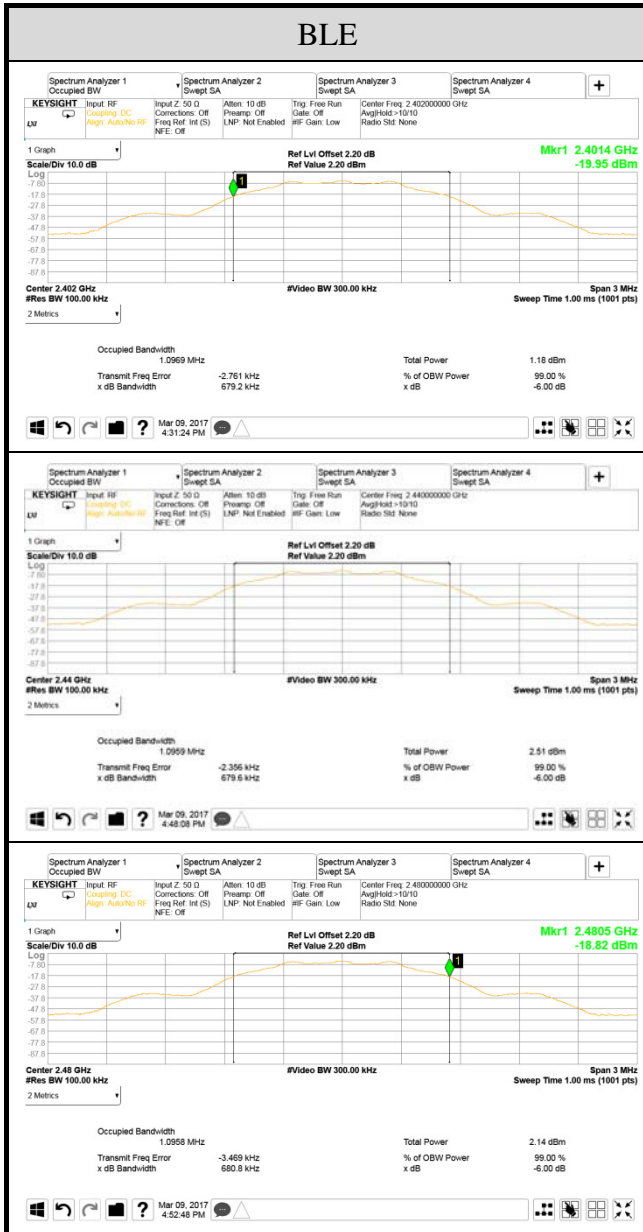
#### A.3.1 6dB Bandwidth Result

Mode	Centre Frequency (MHz)	6 dB Bandwidth (MHz)	Limit
802.11b	2412	8.118	>500kHz
	2437	8.091	
	2462	8.125	
802.11g	2412	15.18	
	2437	15.14	
	2462	15.37	
802.11n-HT20	2412	15.20	
	2437	16.33	
	2462	15.22	
802.11n-HT40	2422	35.20	
	2437	35.20	
	2452	35.20	
BLE	2402	0.6792	
	2440	0.6796	
	2480	0.6808	

A.3.2 Measurement Plots







## A.4 MAXIMUM PEAK OUTPUT POWER

Test Date	2017/02/16~03/09	Temp./Hum.	23~24°C/55~56%
Cable Loss	2.2dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)

### A.4.1 Peak Output Power

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power		Limit
		Chain 0	Chain 1	(dBm)	(W)	
802.11b	2412	20.06	19.86	22.97	0.198153	< 30dBm (1W)
	2437	20.07	20.55	23.33	0.215278	
	2462	20.53	20.61	23.58	0.228034	
802.11g	2412	20.74	20.08	23.43	0.220293	
	2417	24.57	24.25	27.42	0.552077	
	2437	24.59	24.51	27.56	0.570164	
	2457	24.46	24.38	27.43	0.553350	
802.11n-HT20	2462	19.98	20.02	23.01	0.199986	
	2412	20.88	20.32	23.62	0.230144	
	2417	24.63	24.28	27.47	0.558470	
	2437	24.73	24.78	27.77	0.598412	
802.11n-HT40	2457	24.64	24.83	27.75	0.595662	
	2462	19.50	19.74	22.63	0.183231	
	2422	19.44	19.47	19.44	0.087902	
	2427	21.84	21.62	21.84	0.152757	
	2437	21.97	22.09	21.97	0.157398	
802.11n-HT40	2447	22.08	22.38	22.08	0.161436	
	2457	15.62	15.85	15.62	0.036475	

Note: The results have been included cable loss.

Mode	Centre Frequency (MHz)	MAX Output Power		Limit
		(dBm)	(W)	
BLE	2402	-4.99	0.000317	< 30dBm (1W)
	2440	-3.63	0.000434	
	2480	-4.02	0.000396	

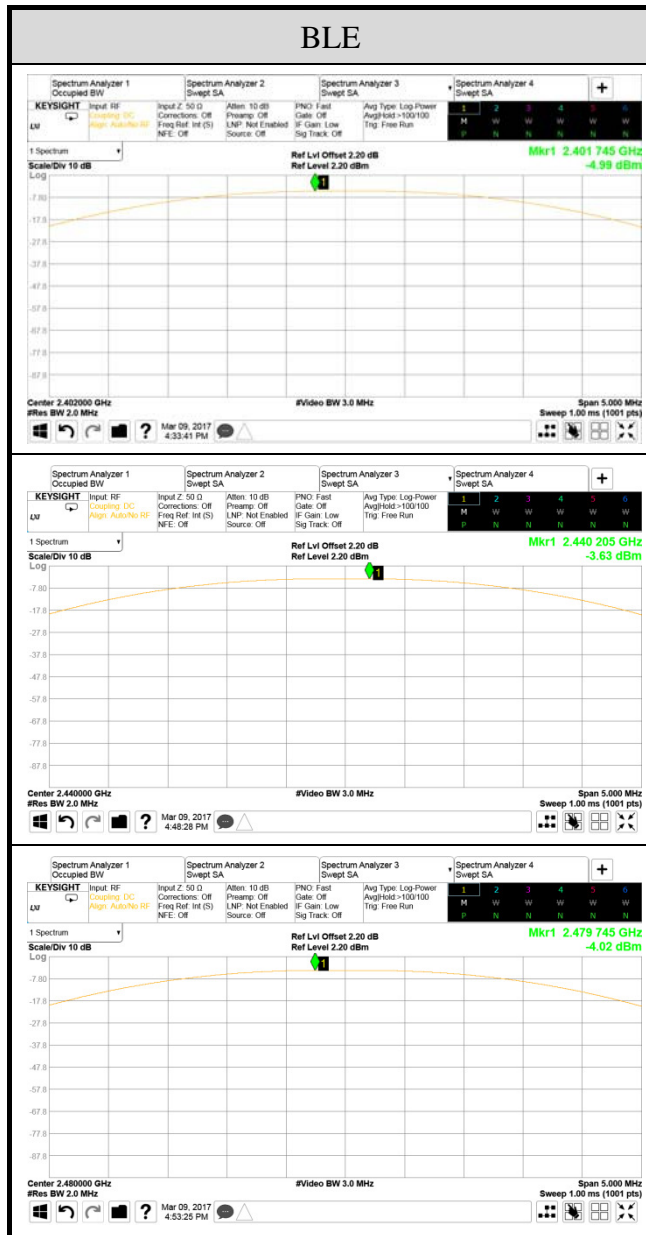
Note: The results have been included cable loss.

A.4.2 Average Output Power (Reporting only)

Mode	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Total Average Output Power		Limit
		Chain 0	Chain 1		(dBm)	(W)	
802.11b	2412	17.63	17.54	0.04	20.64	0.115878	< 30dBm (1W)
	2437	17.71	18.12		20.97	0.125026	
	2462	18.12	18.21		21.22	0.132434	
802.11g	2412	13.42	13.13	0.22	16.51	0.044771	
	2417	18.14	18.08		21.34	0.136144	
	2437	18.19	18.22		21.44	0.139316	
	2457	18.06	18.13		21.33	0.135831	
	2462	12.75	12.76		15.99	0.039719	
802.11n-HT20	2412	13.43	13.01	0.46	16.69	0.046666	
	2417	17.96	17.78		21.34	0.136144	
	2437	18.13	18.26		21.66	0.146555	
	2457	18.02	18.24		21.60	0.144544	
	2462	11.83	11.92		15.34	0.034198	
802.11n-HT40	2422	10.86	10.92	0.86	14.76	0.029923	
	2427	13.52	13.6		17.43	0.055335	
	2437	13.56	13.81		17.56	0.057016	
	2447	13.72	14.04		17.76	0.059704	
	2452	7.51	7.68		11.47	0.014028	

Note: The results have been included cable loss.

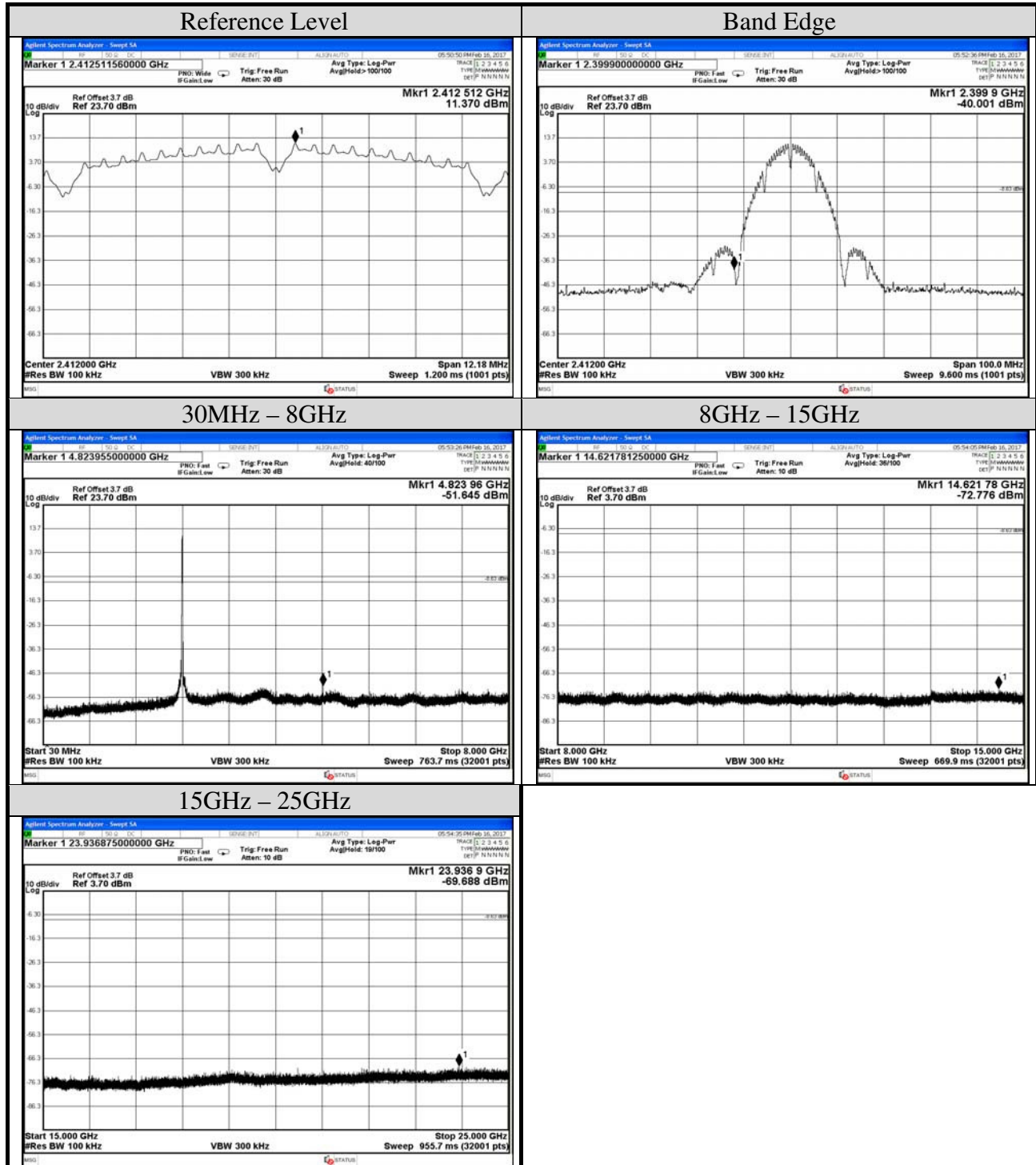
A.4.3 Measurement Plots



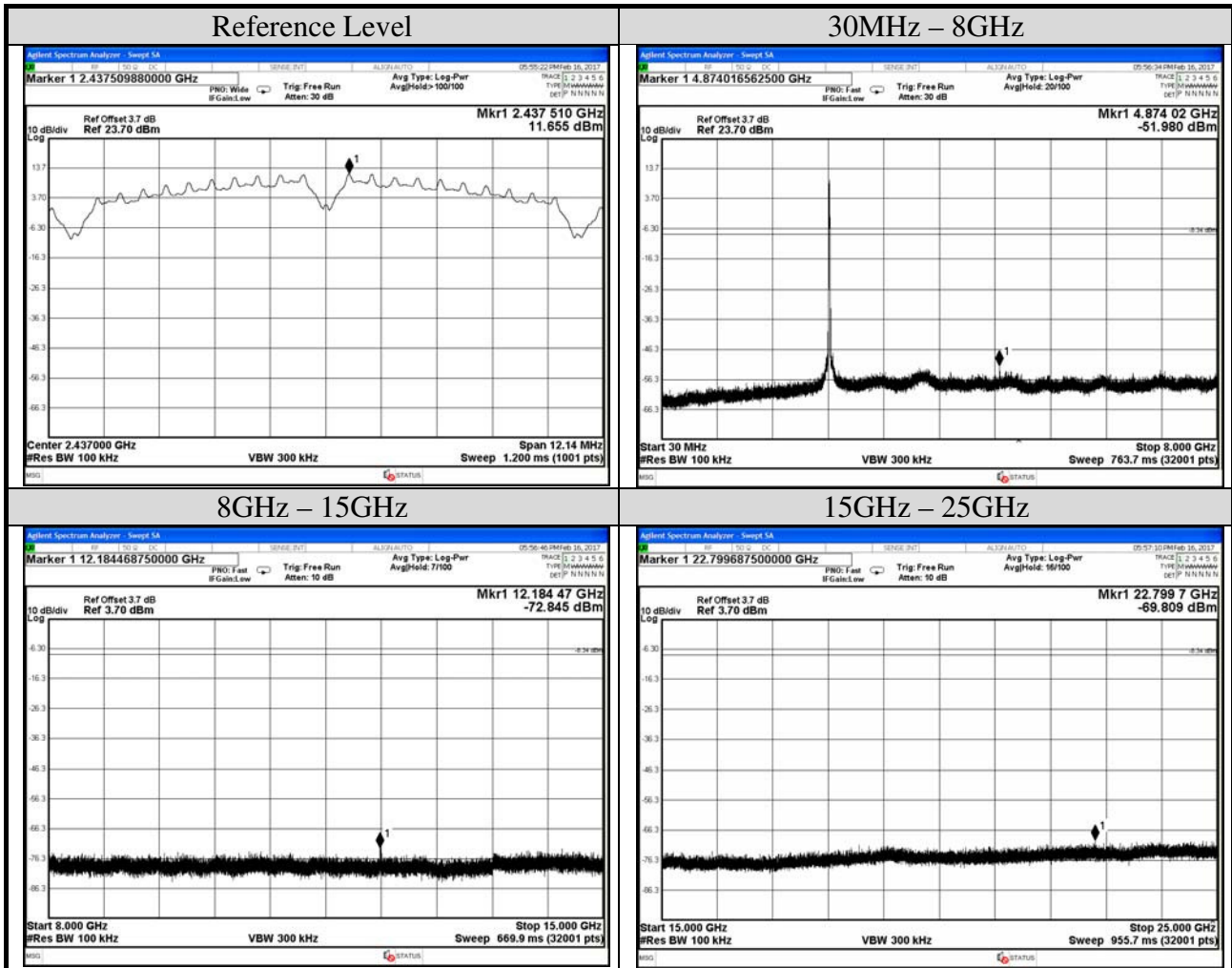


### A.5 EMISSION LIMITATIONS

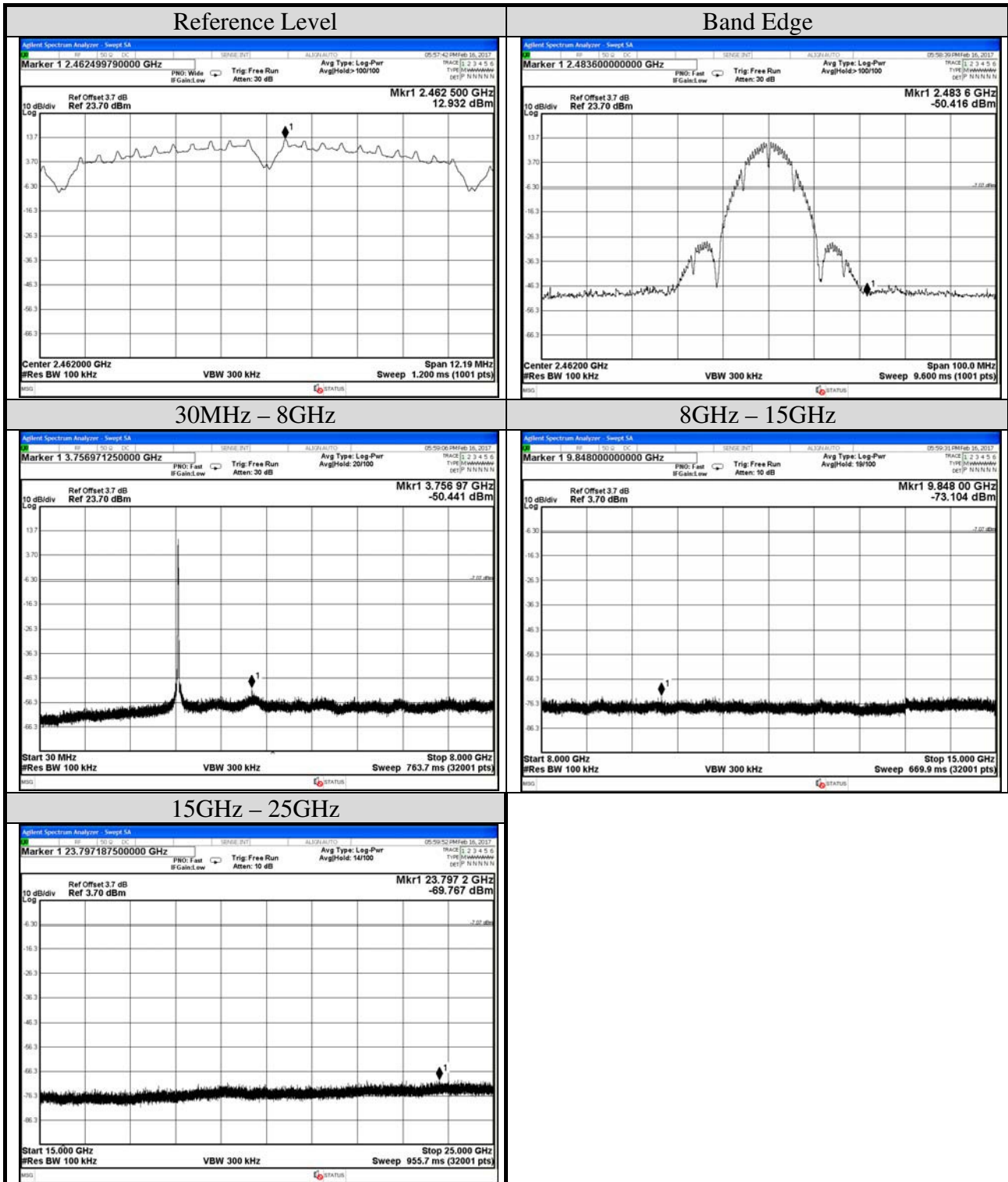
Test Date	2017/02/16	Temp./Hum.	23°C/55%
Cable Loss	0.7dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Mode	802.11b	Frequency	TX 2412MHz
Simultaneous Factor	10 log(n) (Note: "n" is antenna number)		3



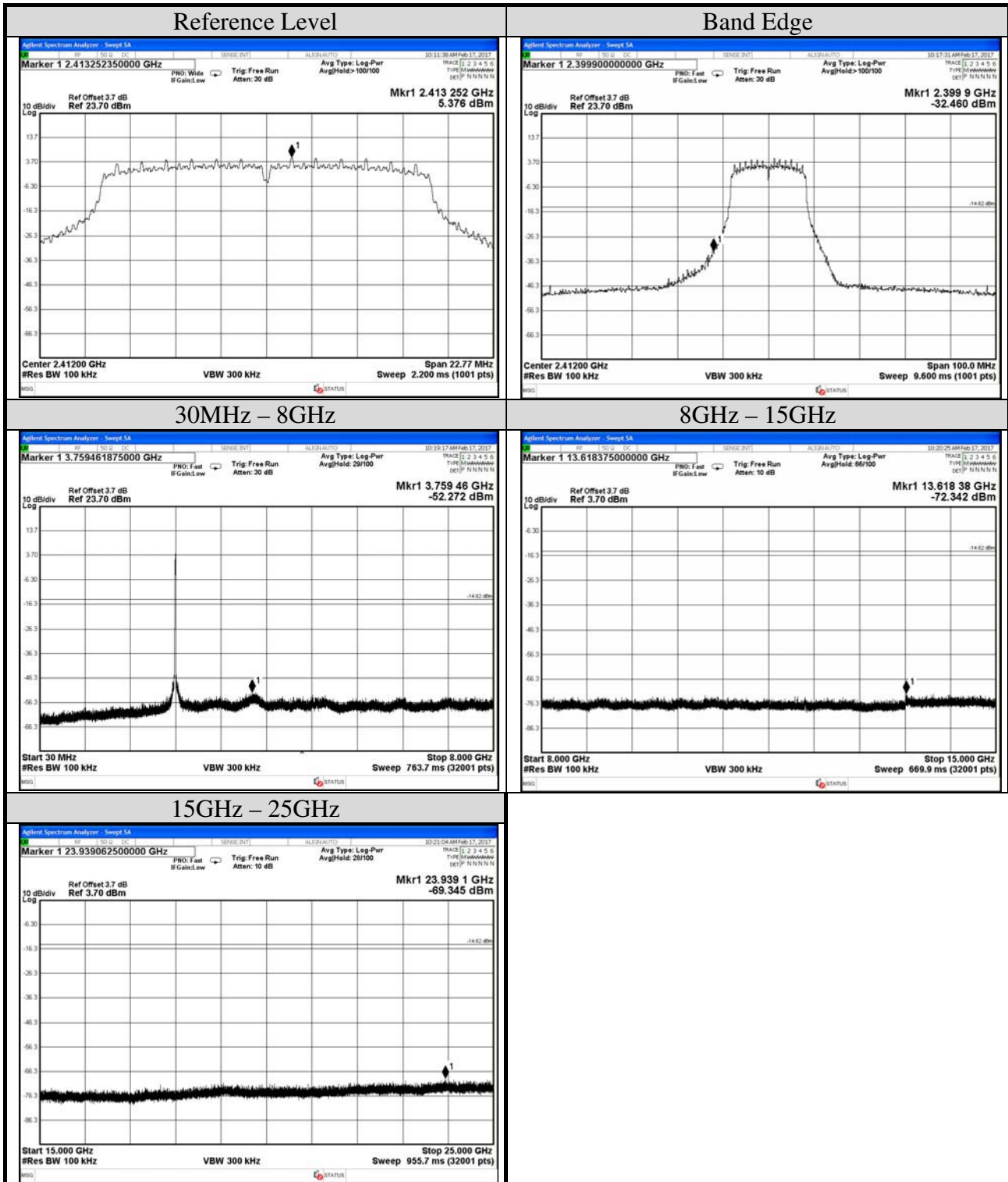
Test Date	2017/02/16	Temp./Hum.	23°C /55%
Cable Loss	0.7dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Mode	802.11b	Frequency	TX 2437MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		3	



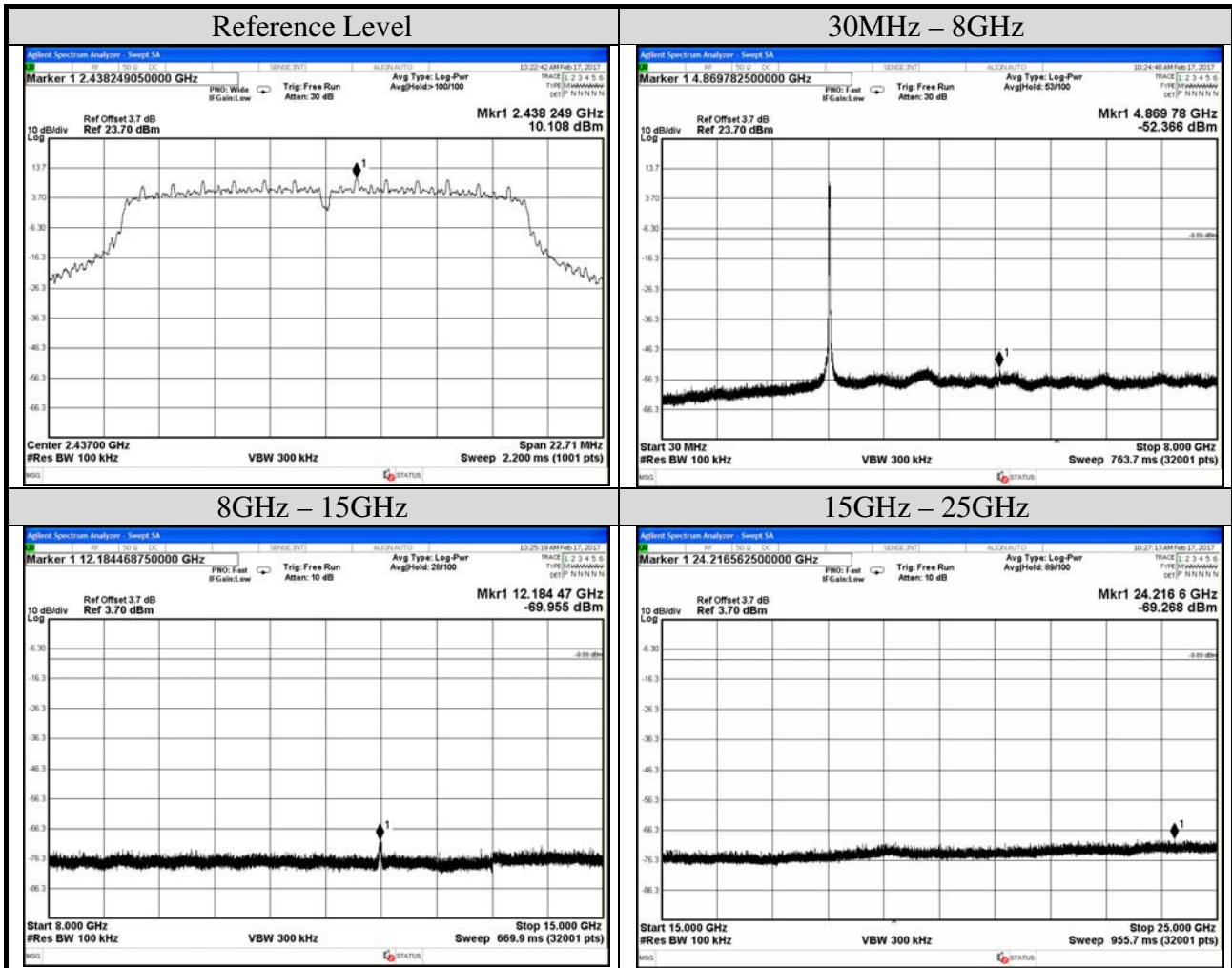
Test Date	2017/02/17	Temp./Hum.	23°C /55%
Cable Loss	0.7dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Mode	802.11b	Frequency	TX 2462MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		3	



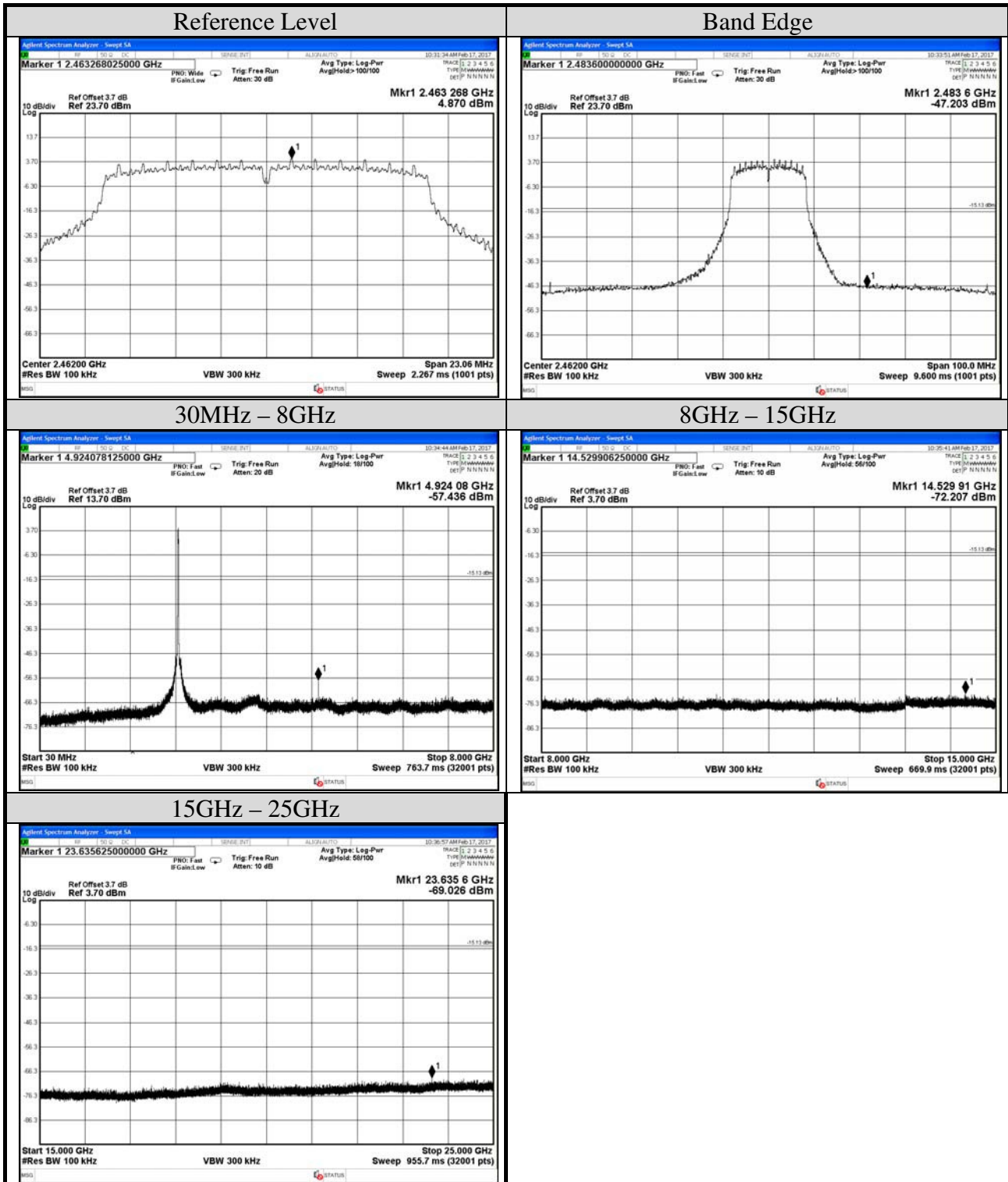
Test Date	2017/02/17	Temp./Hum.	23°C /55%
Cable Loss	0.7dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Mode	802.11g	Frequency	TX 2412MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		3	



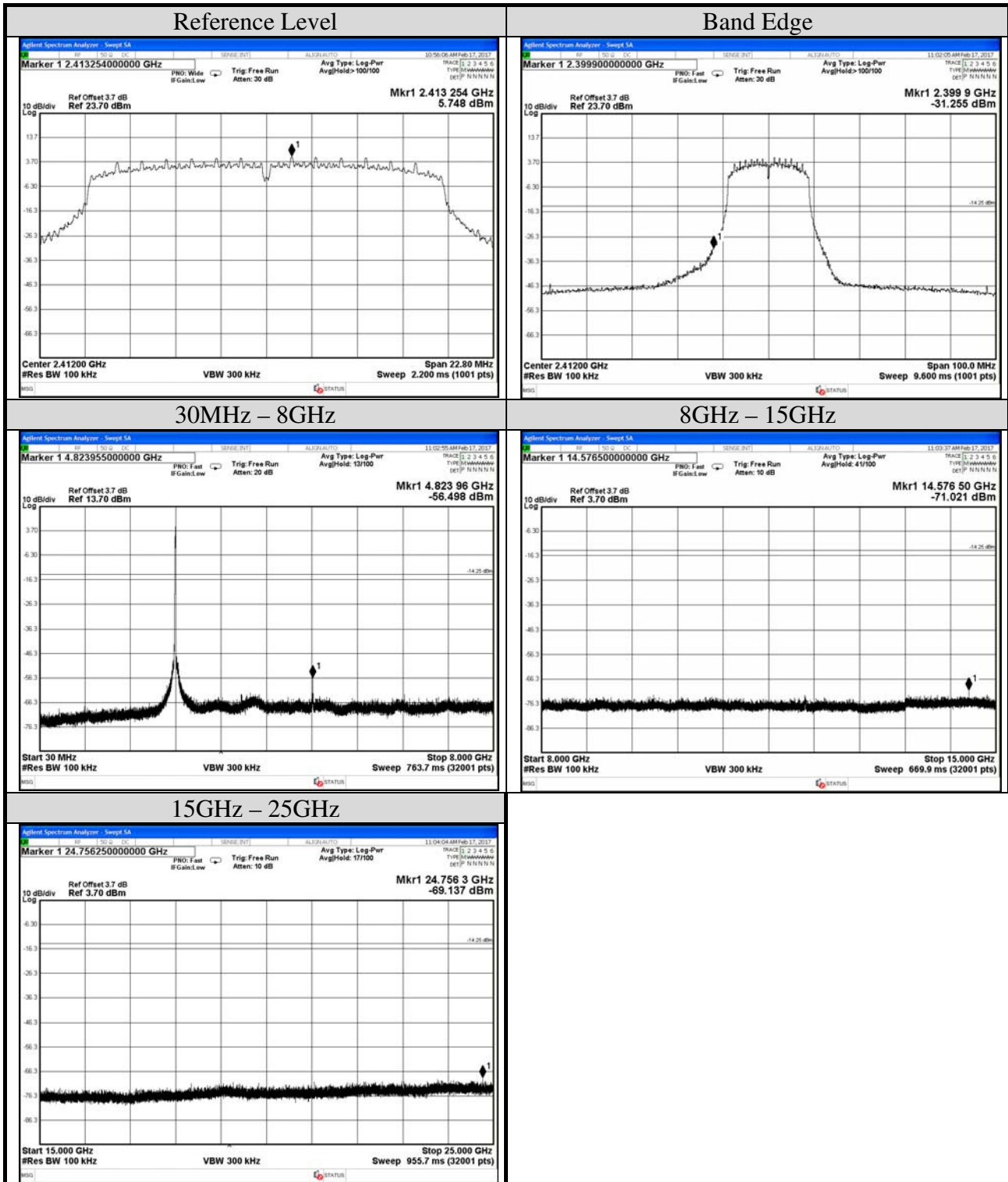
Test Date	2017/02/17	Temp./Hum.	23°C /55%
Cable Loss	0.7dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Mode	802.11g	Frequency	TX 2437MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)			3



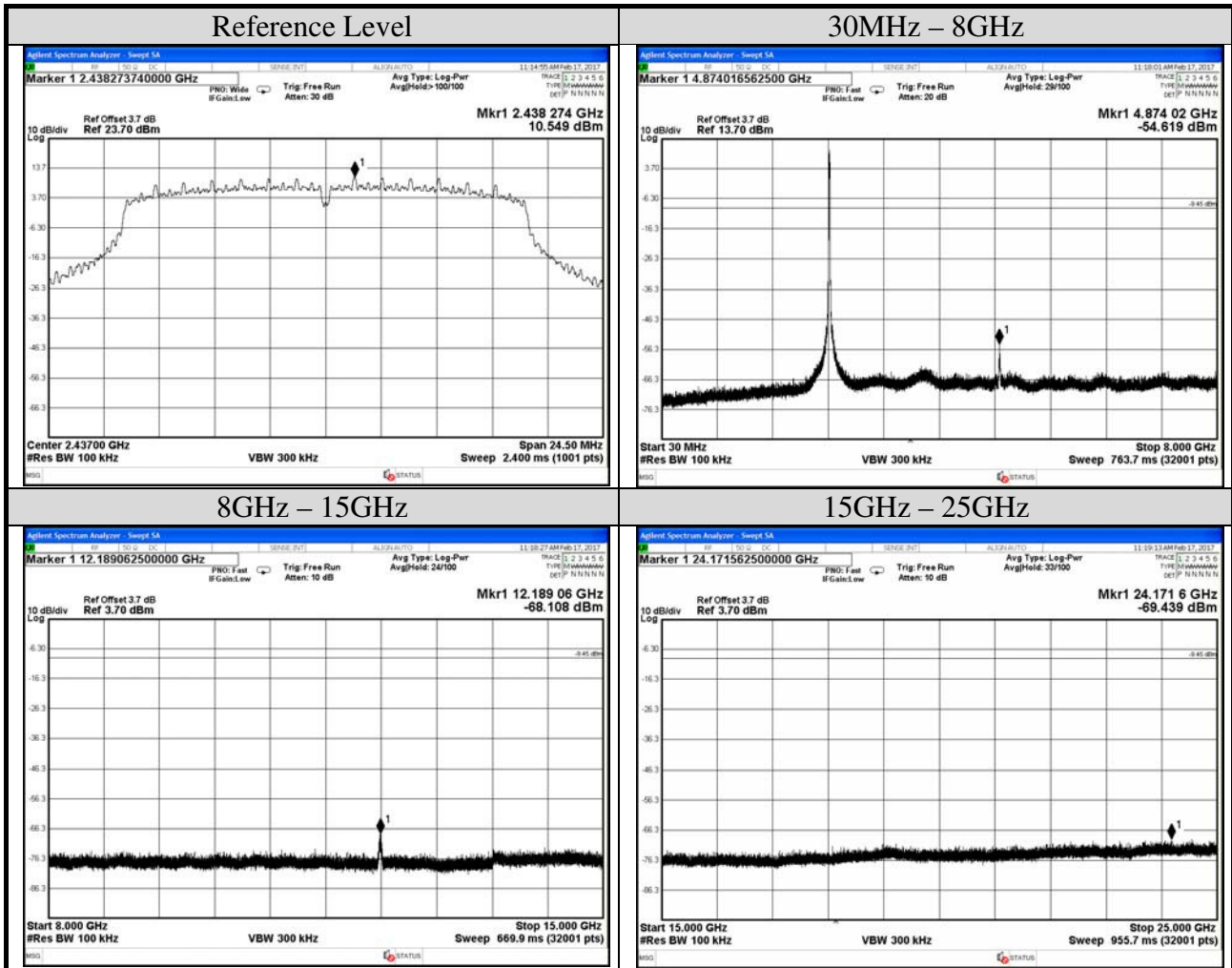
Test Date	2017/02/17	Temp./Hum.	23°C /55%
Cable Loss	0.7dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Mode	802.11g	Frequency	TX 2462MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		3	



Test Date	2017/02/17	Temp./Hum.	23°C /55%
Cable Loss	0.7dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Mode	802.11n-HT20	Frequency	TX 2412MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		3	

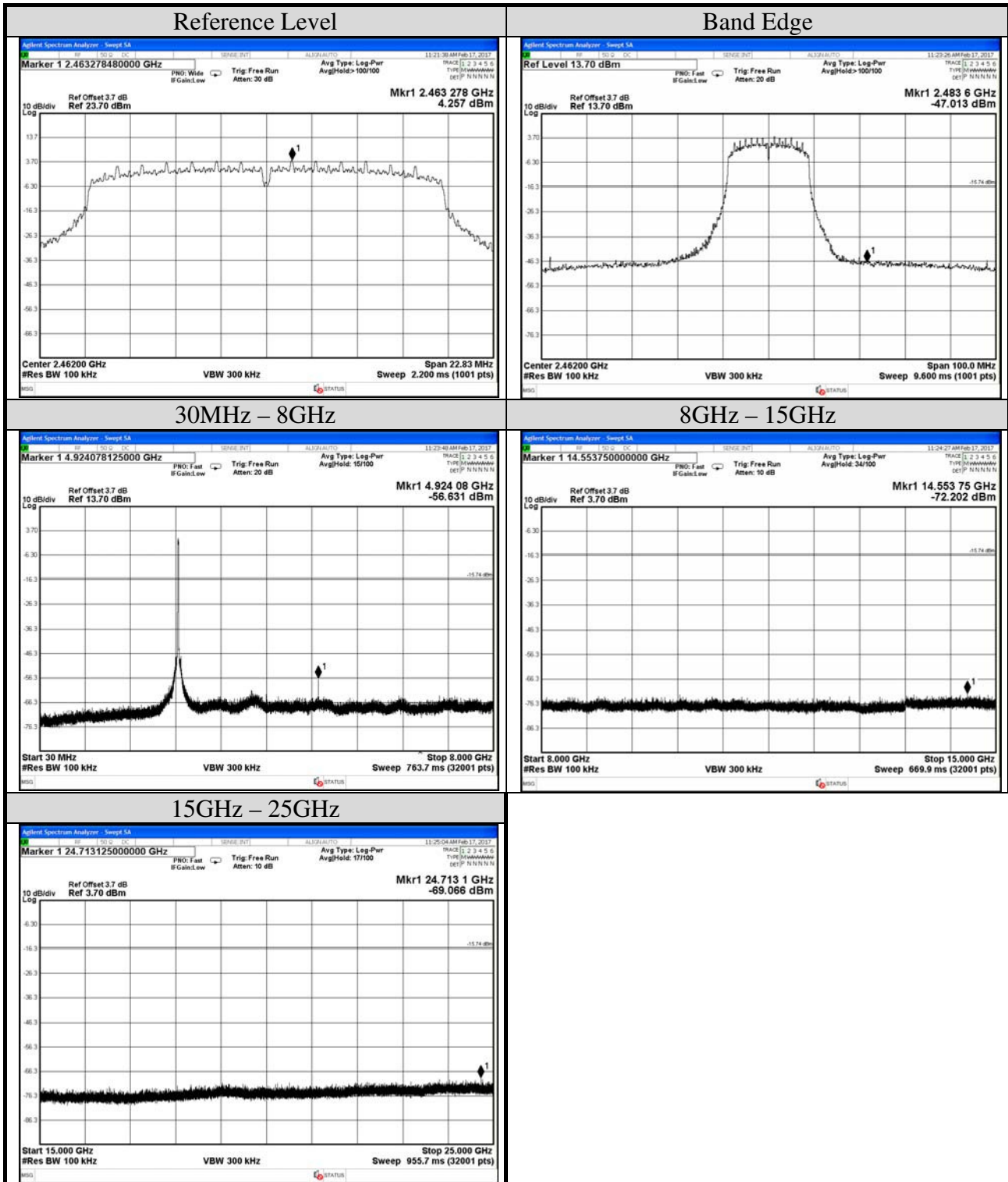


Test Date	2017/02/17	Temp./Hum.	23°C /55%
Cable Loss	0.7dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Mode	802.11n-HT20	Frequency	TX 2437MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		3	

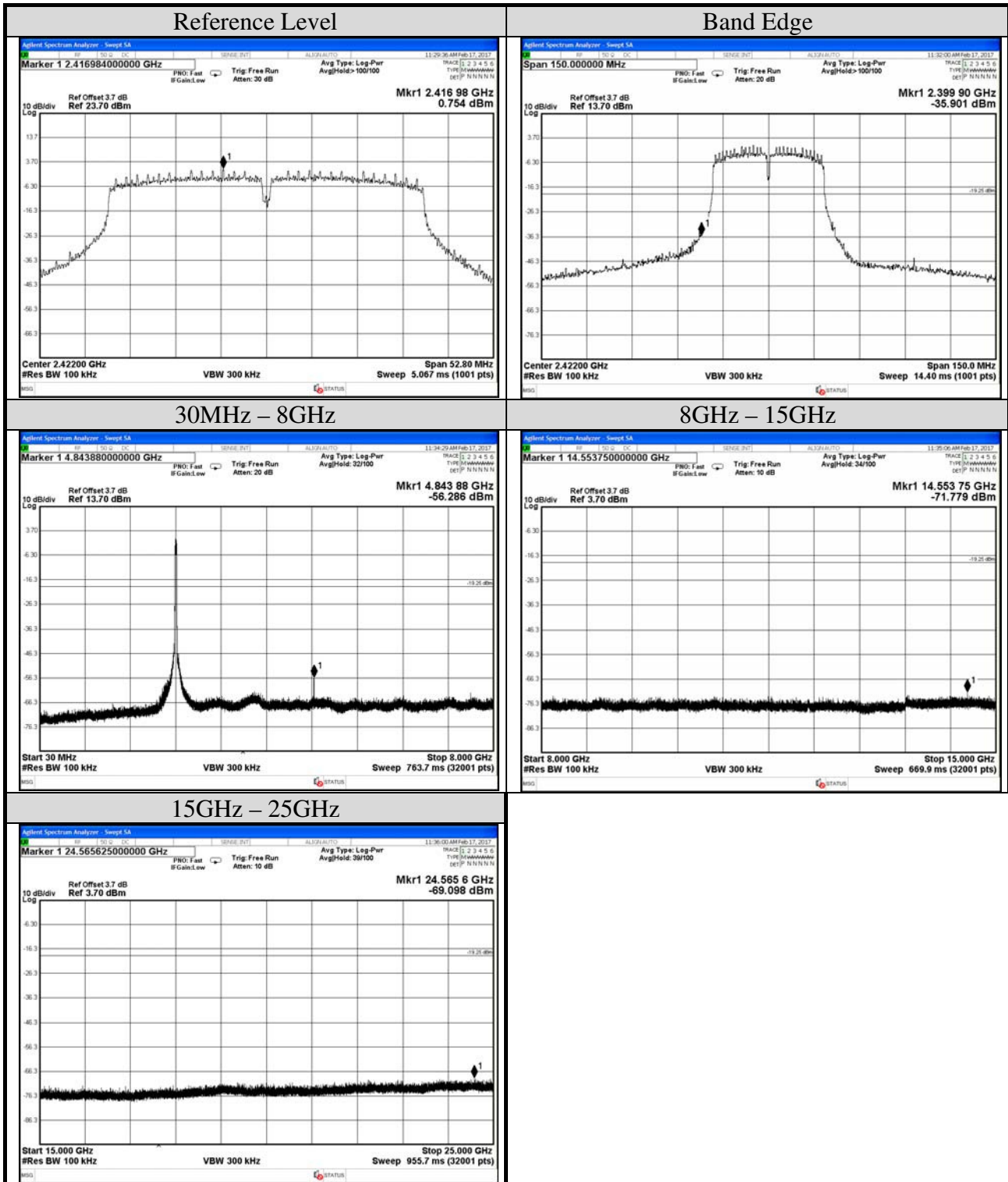




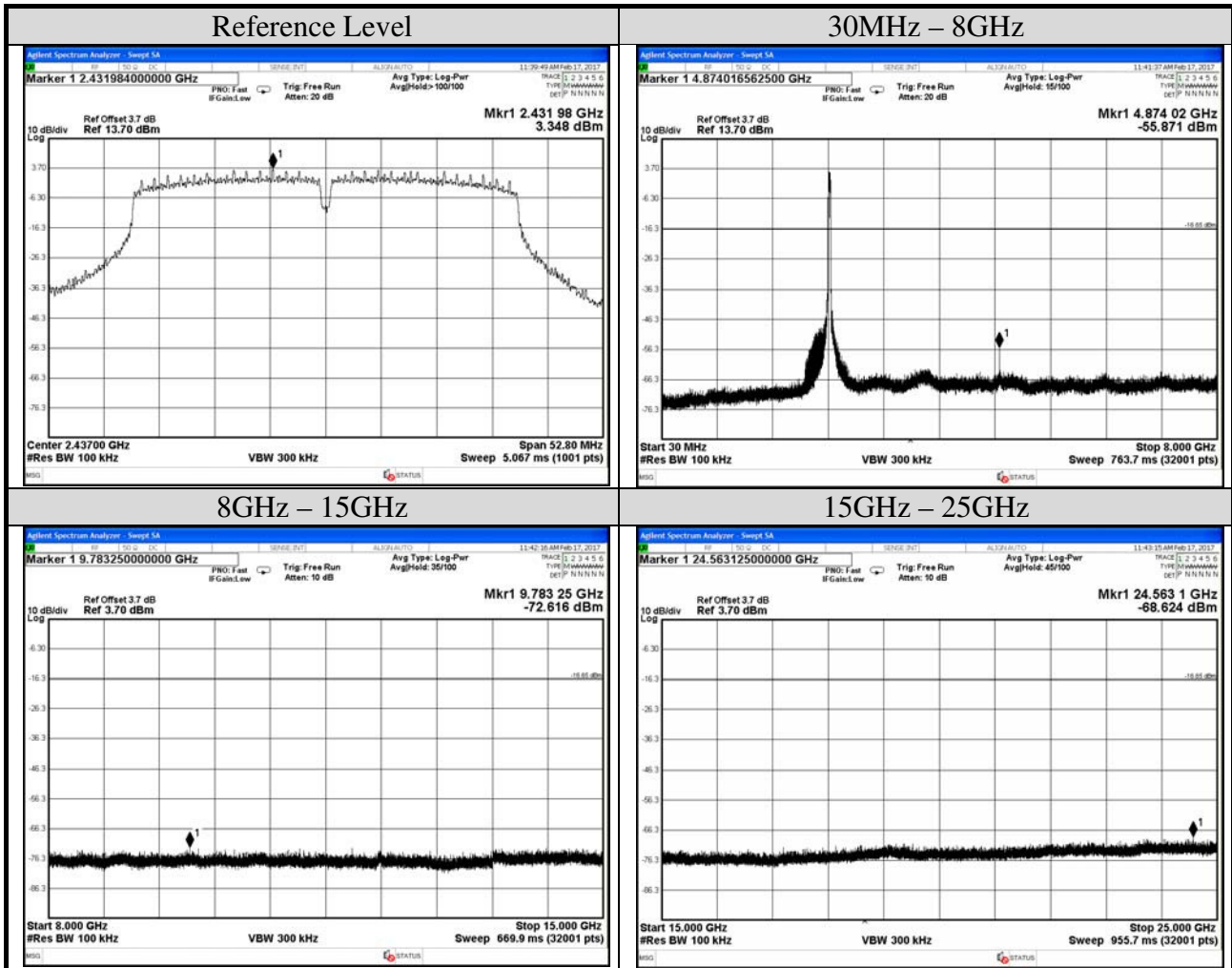
Test Date	2017/02/17	Temp./Hum.	23°C /55%
Cable Loss	0.7dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Mode	802.11n-HT20	Frequency	TX 2462MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		3	



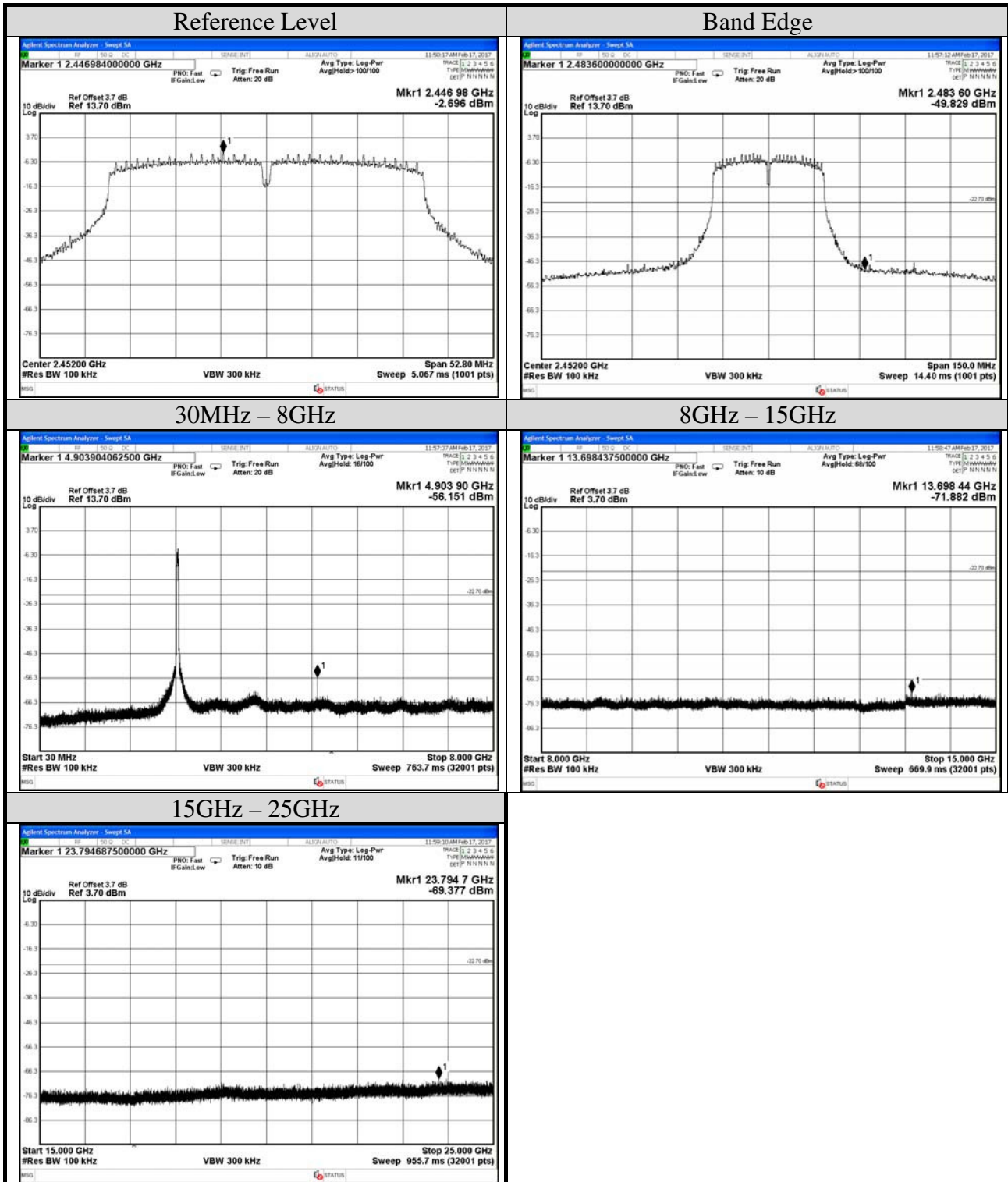
Test Date	2017/02/17	Temp./Hum.	23°C /55%
Cable Loss	0.7dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Mode	802.11n-HT40	Frequency	TX 2422MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		3	



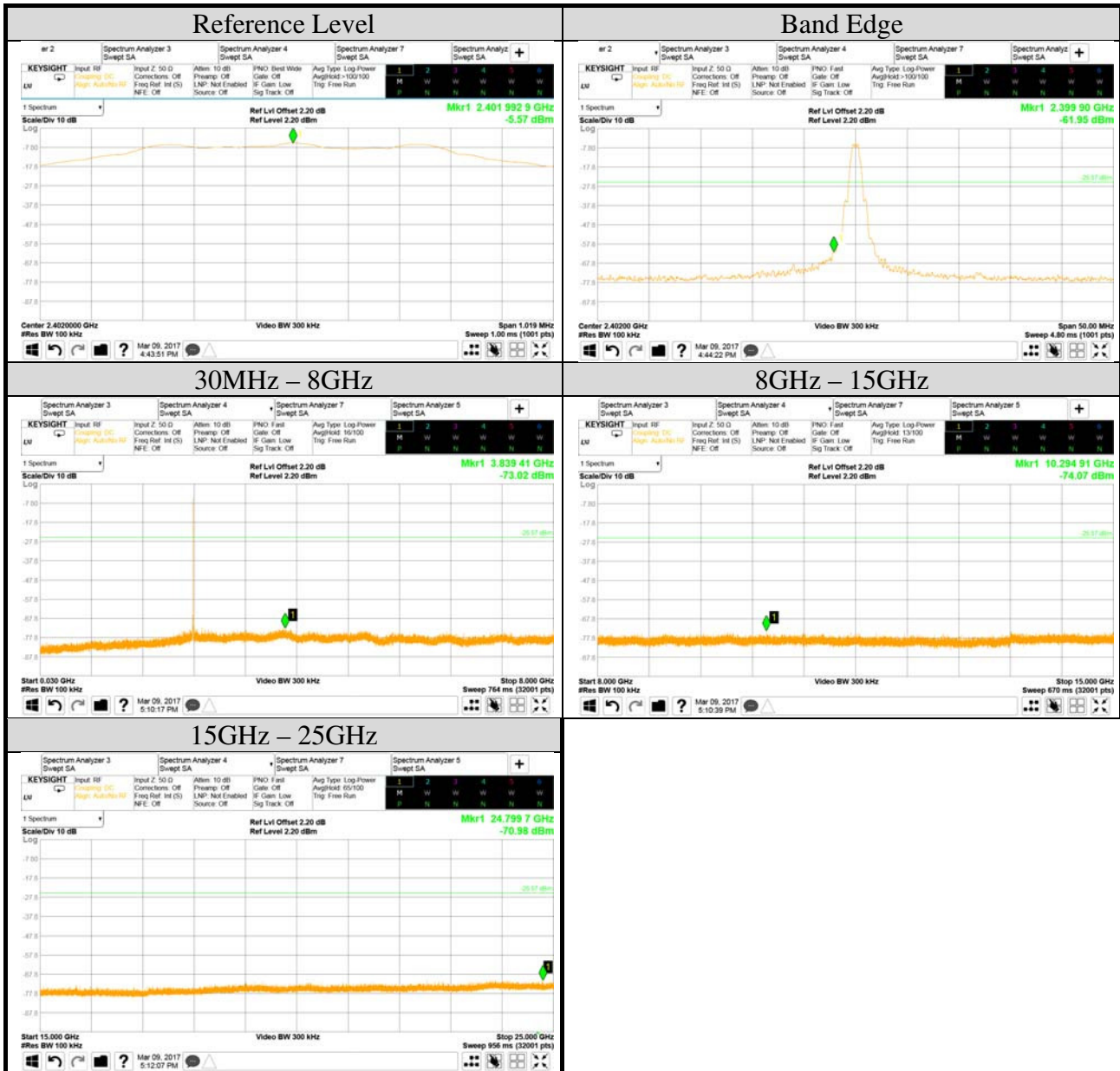
Test Date	2017/02/17	Temp./Hum.	23°C /55%
Cable Loss	0.7dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Mode	802.11n-HT40	Frequency	TX 2437MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		3	



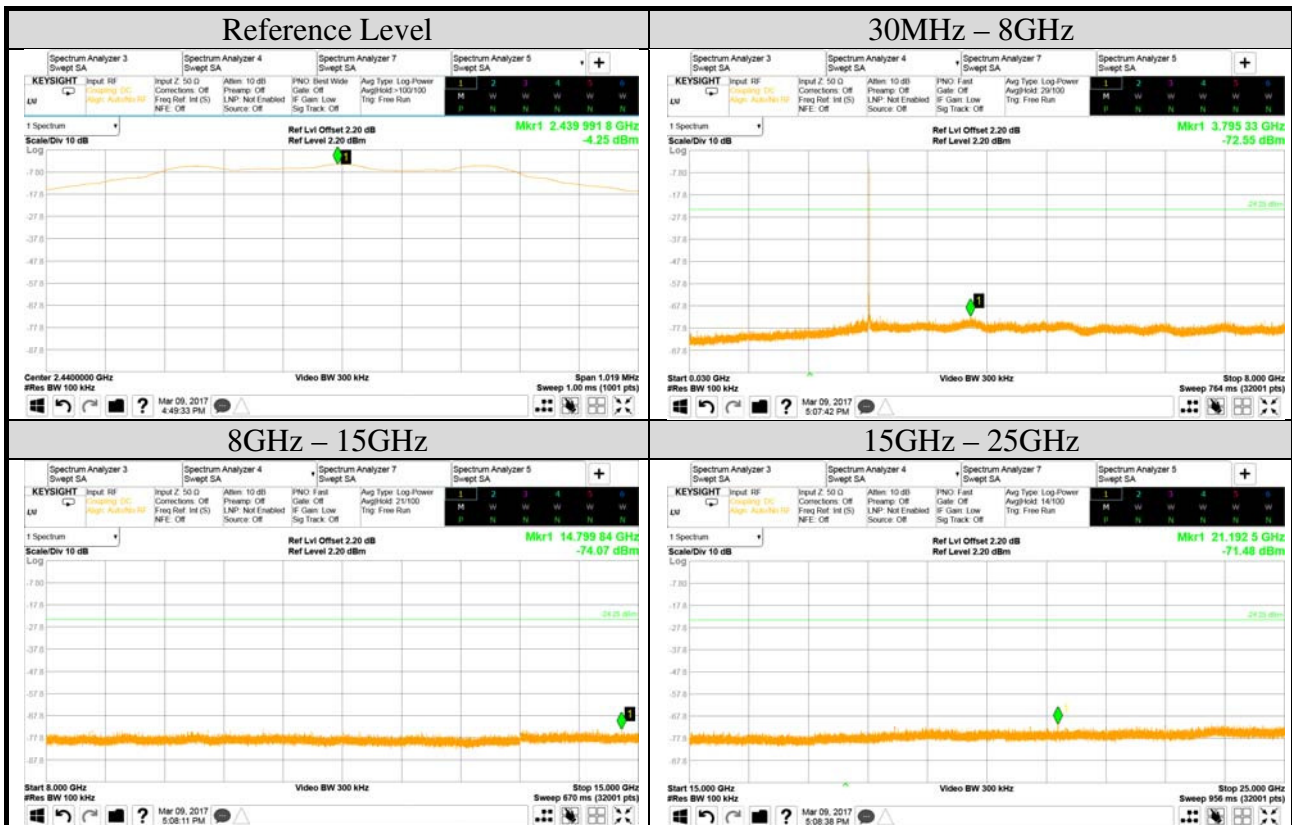
Test Date	2017/02/17	Temp./Hum.	23°C /55%
Cable Loss	0.7dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Mode	802.11n-HT40	Frequency	TX 2452MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		3	



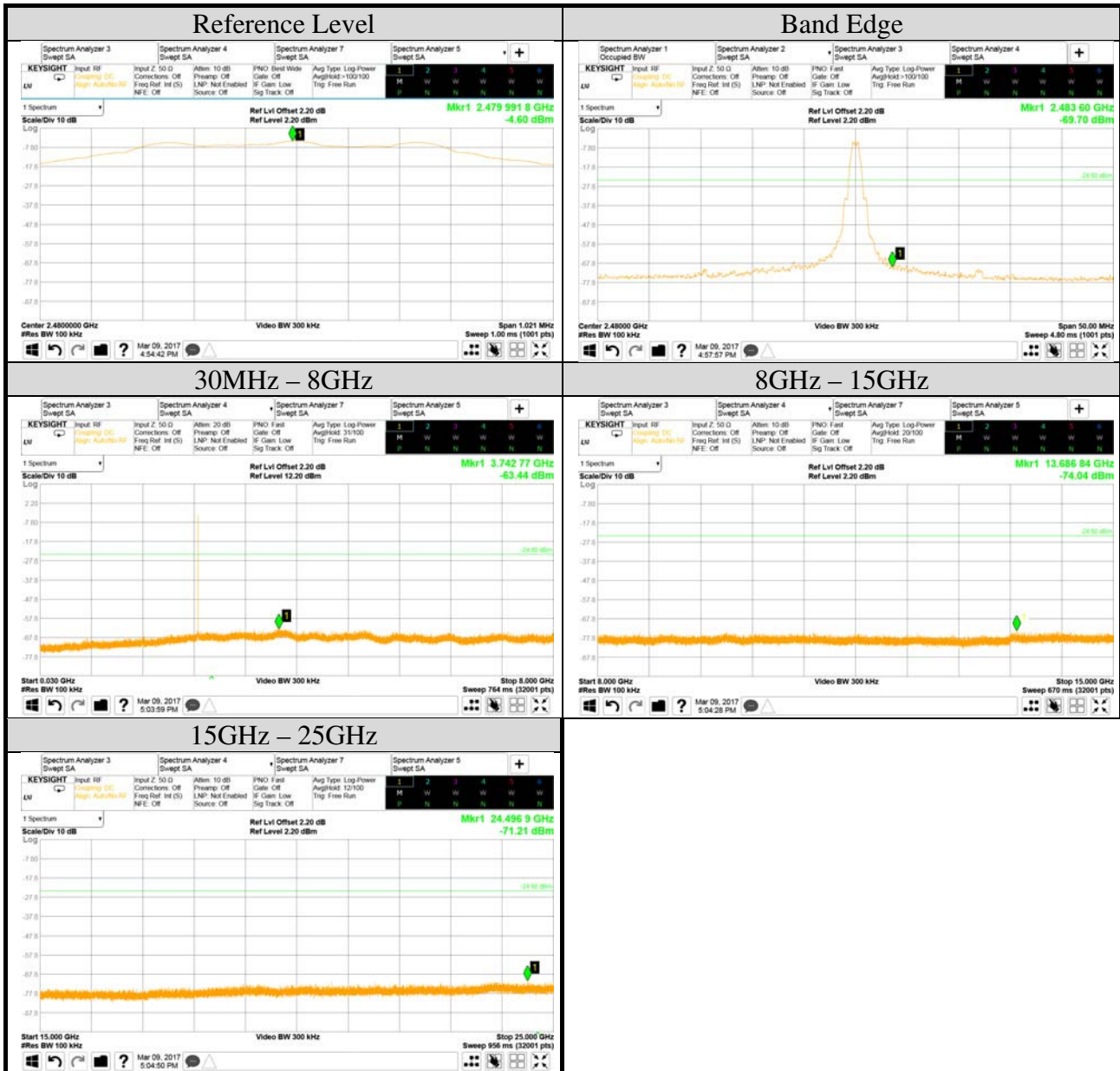
Test Date	2017/03/09	Temp./Hum.	24°C/56%
Cable Loss	2.2dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Mode	BLE	Frequency	TX 2402MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		0	



Test Date	2017/03/09	Temp./Hum.	24°C/56%
Cable Loss	2.2dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Mode	BLE	Frequency	TX 2440MHz
Simultaneous Factor	10 log(n) (Note: "n" is antenna number)		0



Test Date	2017/03/09	Temp./Hum.	24°C/56%
Cable Loss	2.2dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Mode	BLE	Frequency	TX 2480MHz
Simultaneous Factor	10 log(n) (Note: "n" is antenna number)		0



## A.6 POWER SPECTRAL DENSITY

Test Date	2017/02/16~03/09	Temp./Hum.	23~24°C/55~56%
Cable Loss	WLAN: 0.7dB BLE: 2.2dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Simultaneous Factor $10 \log(n)$ (Note: "n" is antenna number)			3

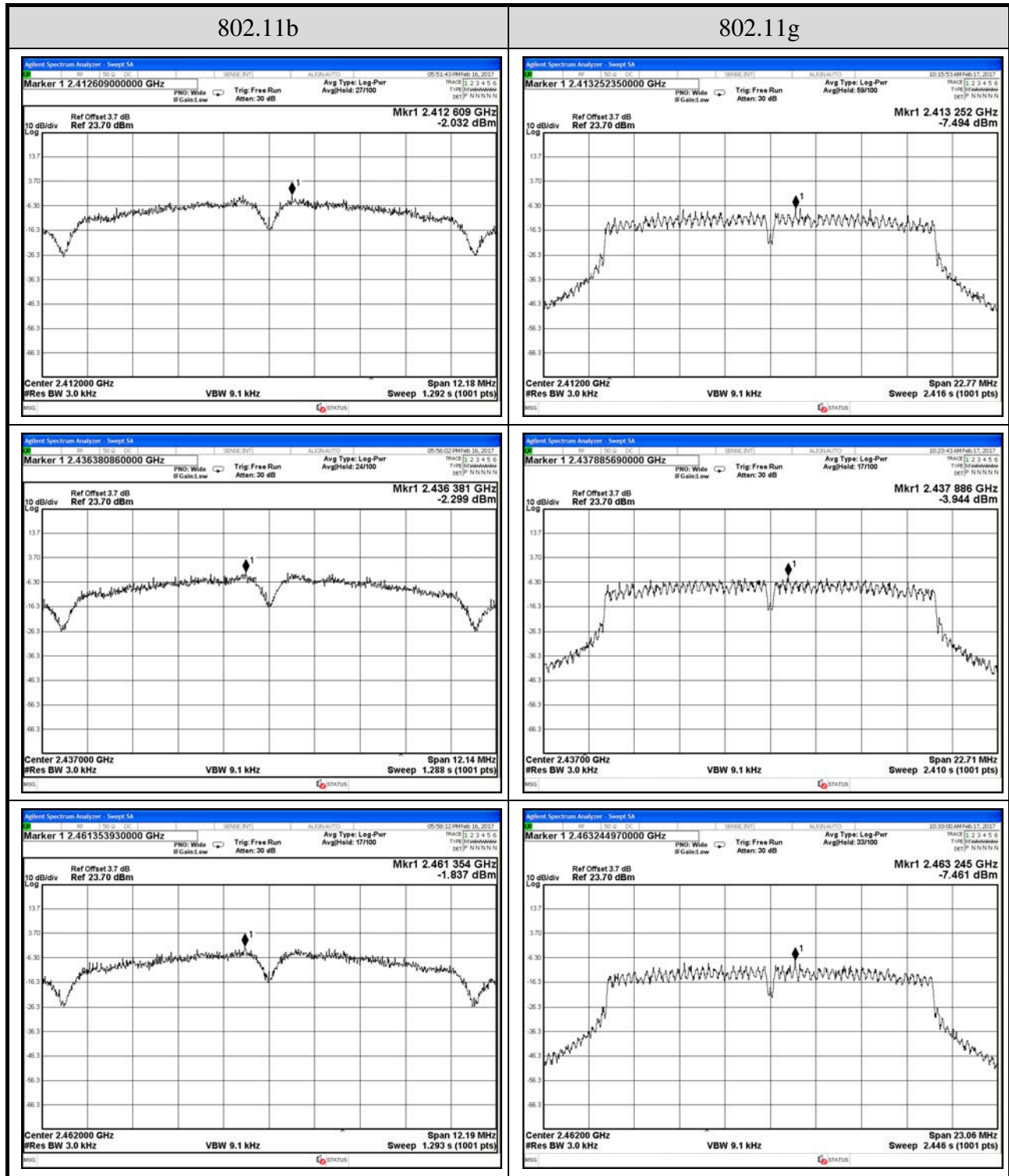
### A.6.1 Power Spectral Density Result

Mode	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
802.11b	2412	-2.032	< 8 dBm/3kHz
	2437	-2.299	
	2462	-1.837	
802.11g	2412	-7.494	
	2437	-3.944	
	2462	-7.461	
802.11n-HT20	2412	-9.055	
	2437	-4.071	
	2462	-9.604	
802.11n-HT40	2422	-13.466	
	2437	-10.843	
	2452	-16.427	
BLE	2402	-5.57	
	2440	-4.25	
	2480	-4.60	

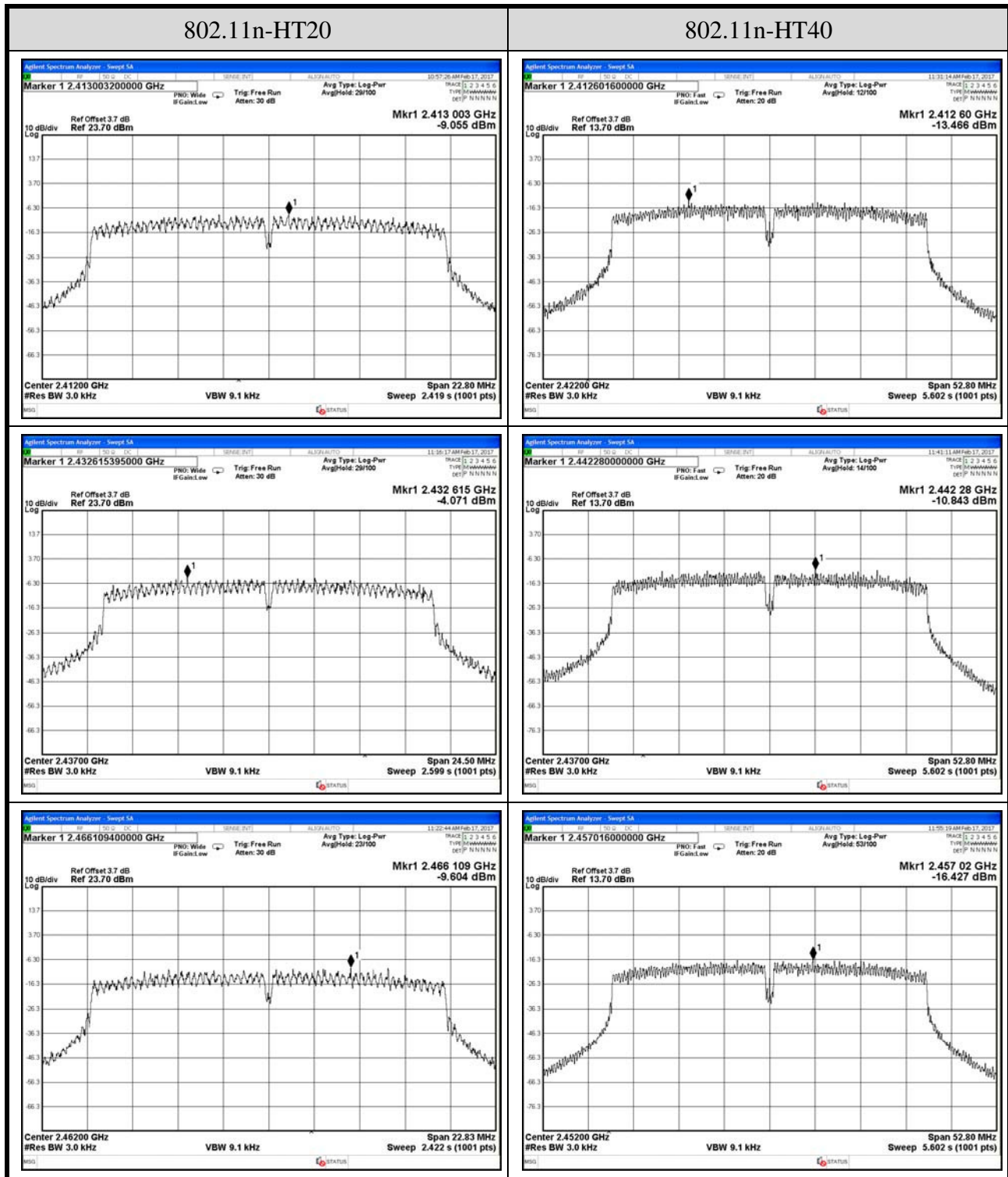
Note: All results have been included cable loss and Simultaneous Factor.



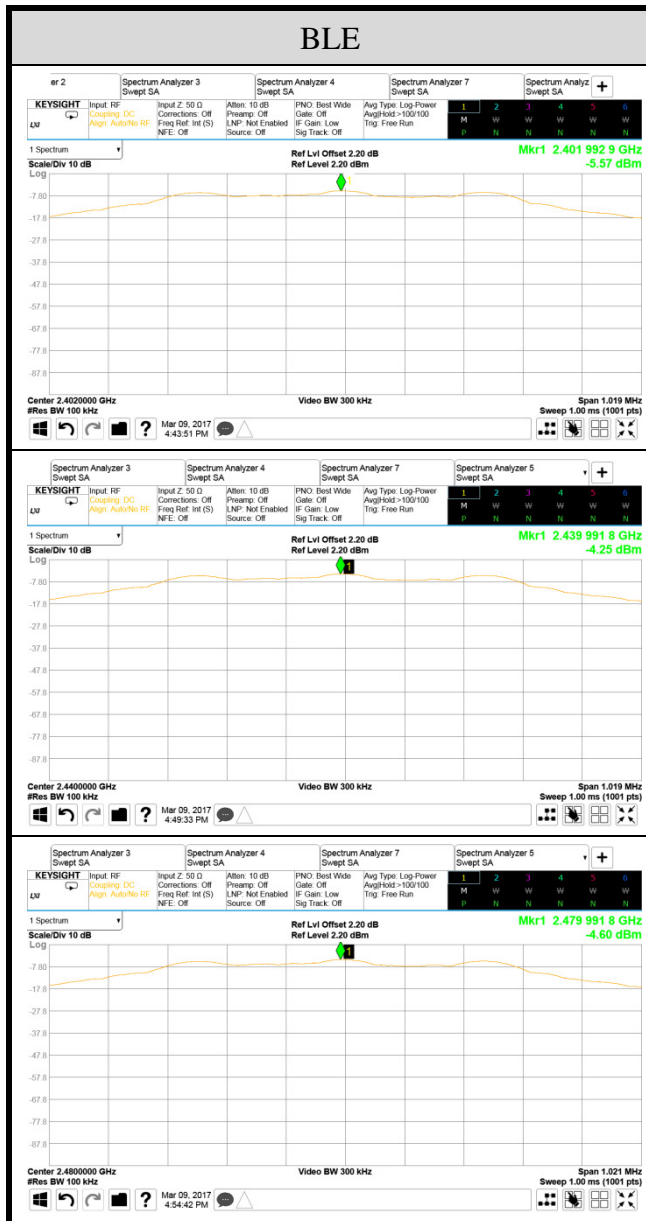
A.6.2 Measurement Plots



Note: All results have been included cable loss and Simultaneous Factor.



Note: All results have been included cable loss and Simultaneous Factor.



Note: All results have been included cable loss and Simultaneous Factor.