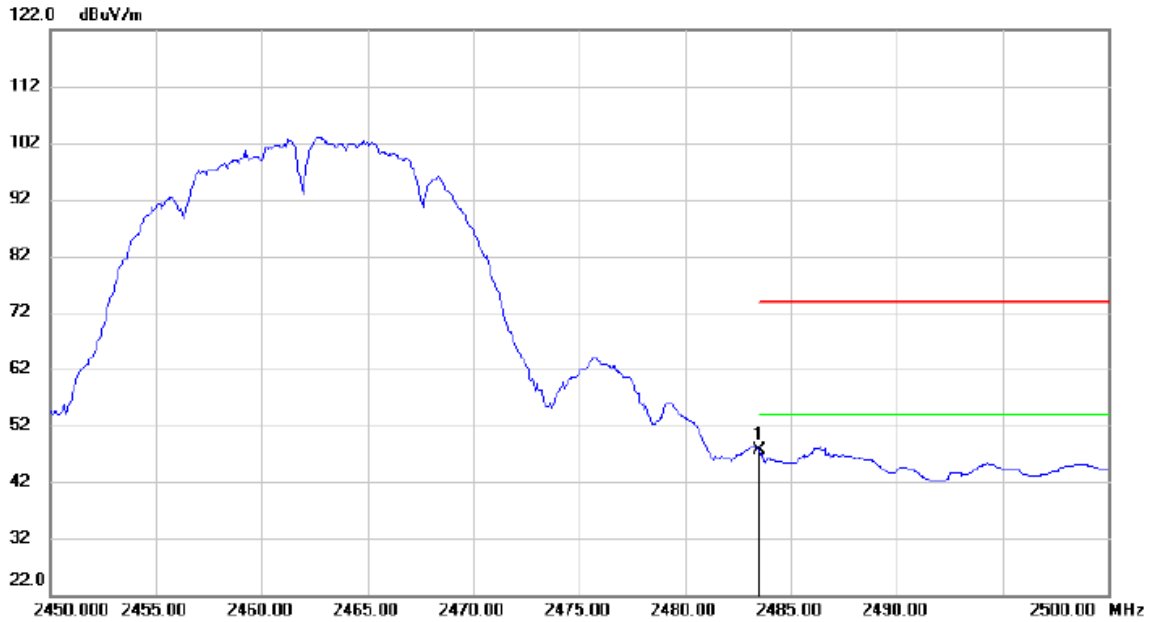




AVG

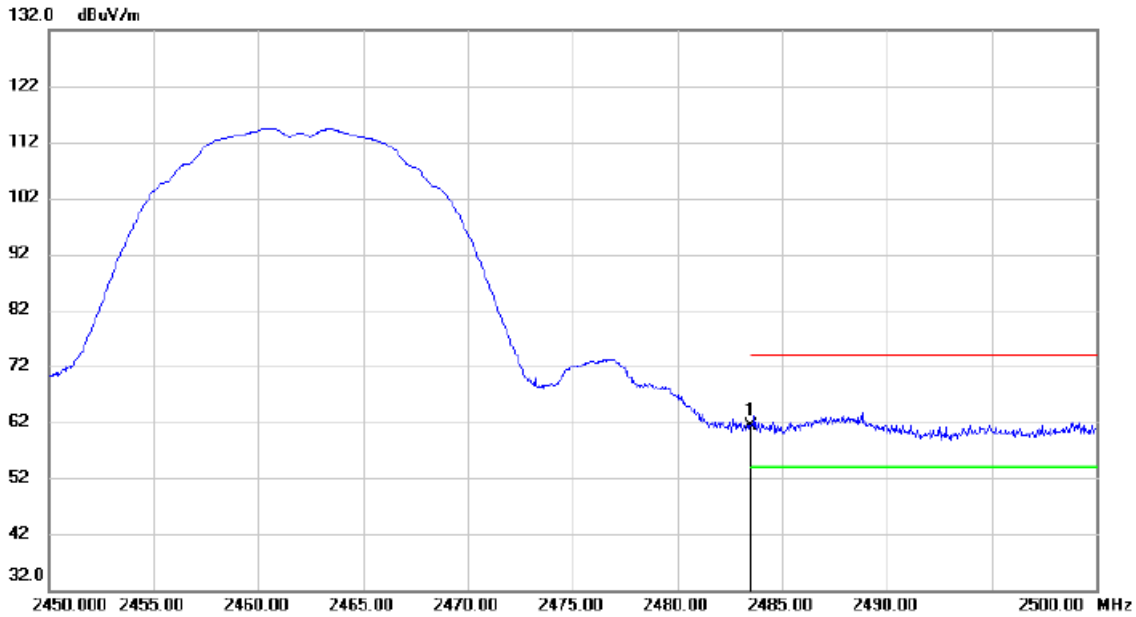


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	2483.500	14.68	32.88	47.56	54.00	-6.44			AVG

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



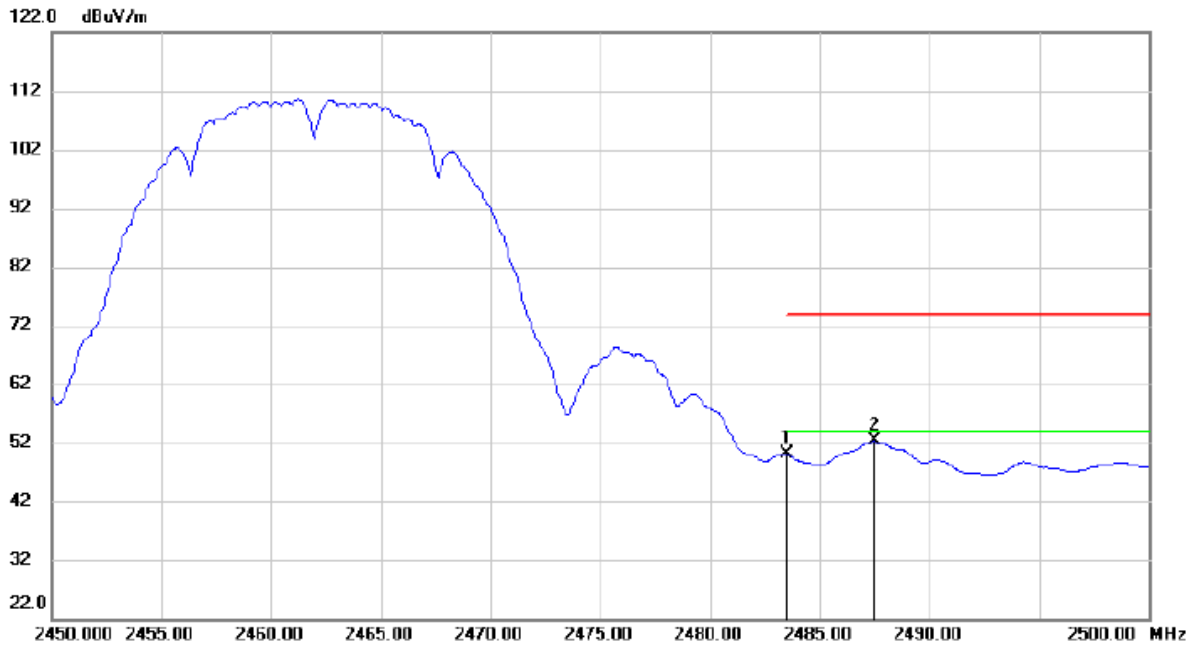
RESTRICTED BANDEGE (CHANNEL11, VERTICAL)
Peak



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	2483.500	28.54	32.88	61.42	74.00	-12.58			peak



AVG



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		2483.500	17.18	32.88	50.06	54.00	-3.94	AVG			
2	*	2487.500	19.48	32.88	52.36	54.00	-1.64	AVG			

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.

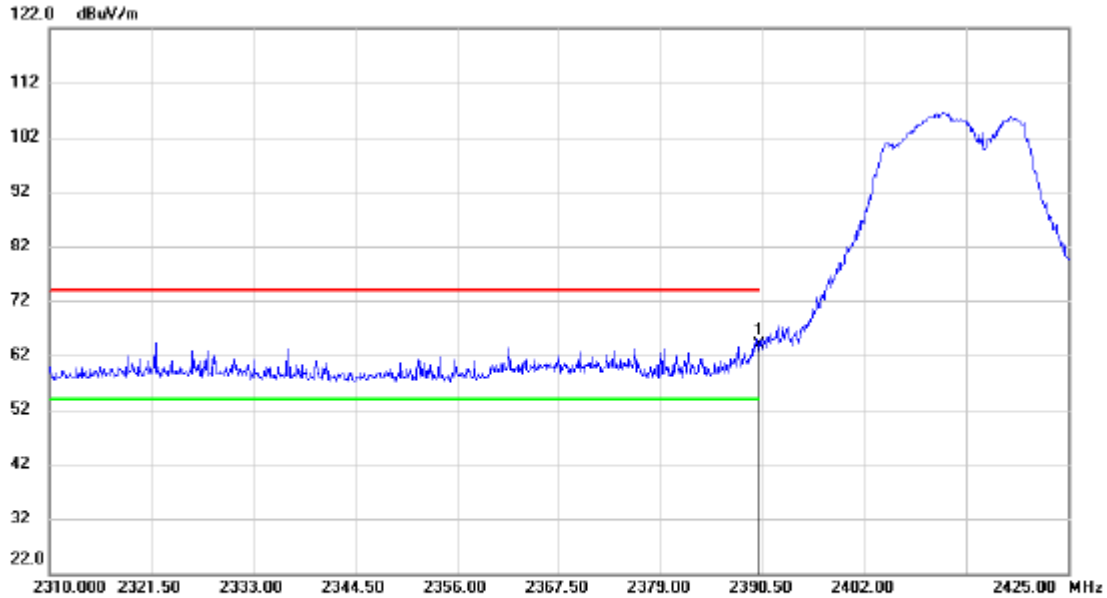


8.1.2. 802.11g MODE

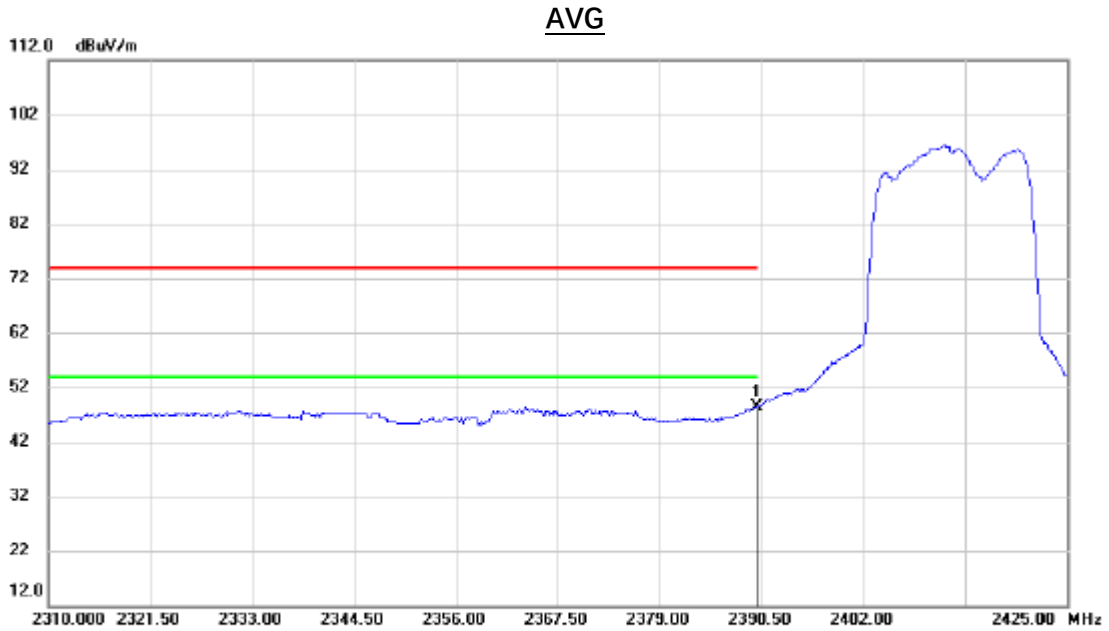
MIMO Mode (WORST-CASE CONFIGURATION)

RESTRICTED BANDEDGE (CHANNEL1, HORIZONTAL)

Peak



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	2390.000	30.78	33.14	63.92	74.00	-10.08			peak



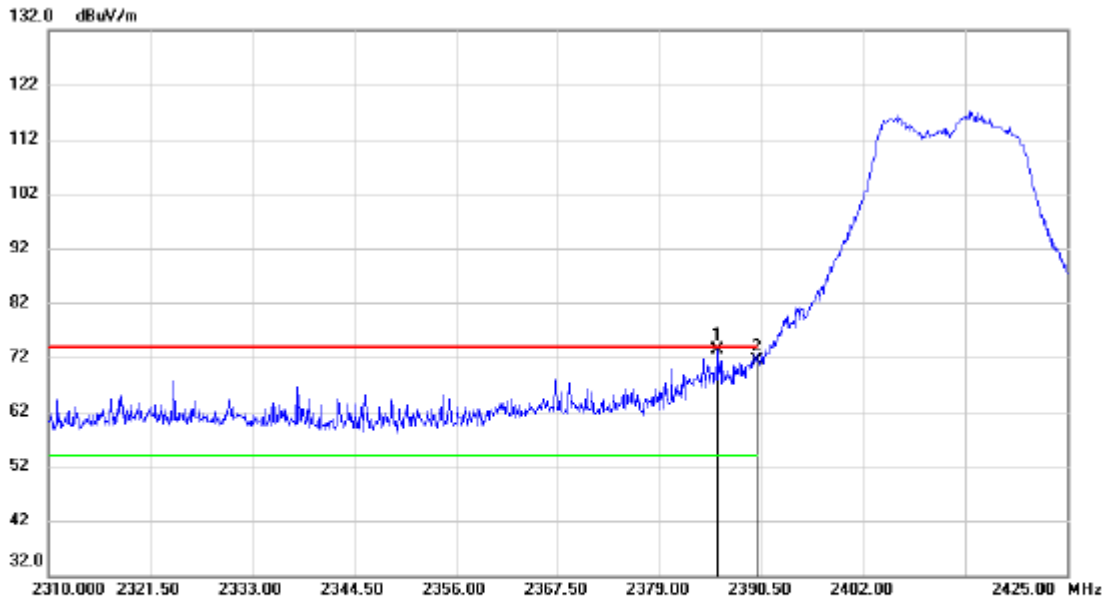
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	2390.000	15.25	33.14	48.39	54.00	-5.61			AVG

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL1, VERTICAL)

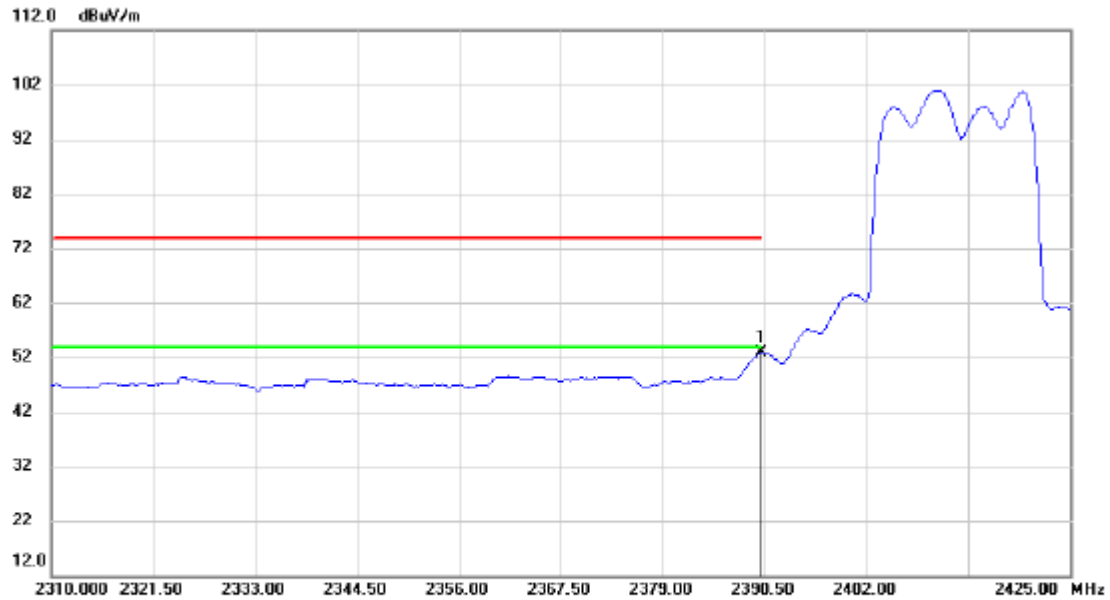
Peak



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	2385.555	40.04	33.28	73.32	74.00	-0.68	peak			
2		2390.000	38.09	33.24	71.33	74.00	-2.67	peak			



AVG



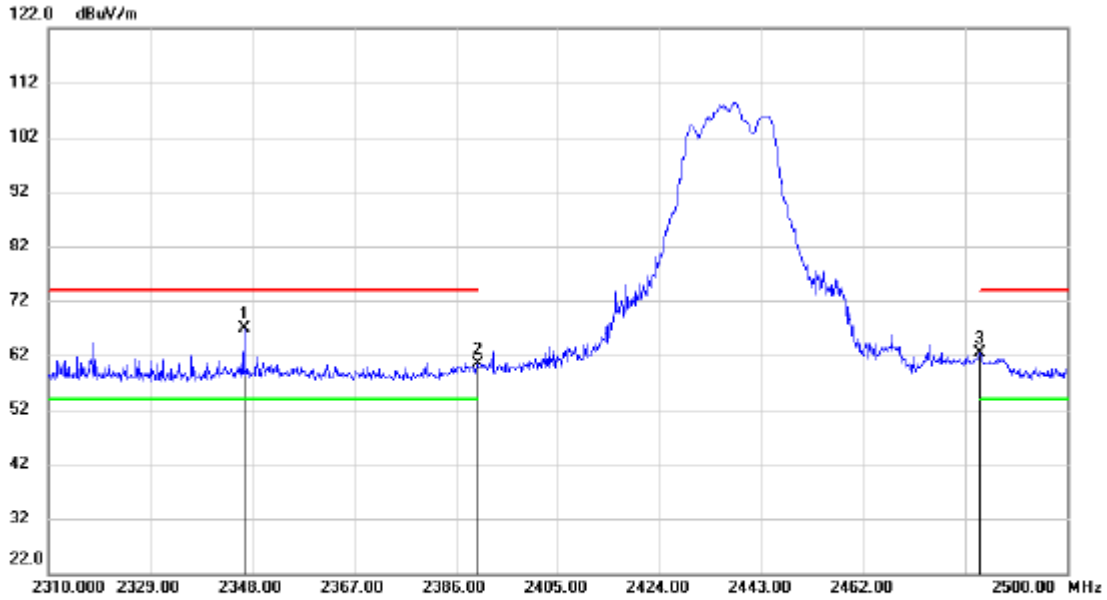
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	2390.000	19.66	33.24	52.90	54.00	-1.10			AVG

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL6, HORIZONTAL)

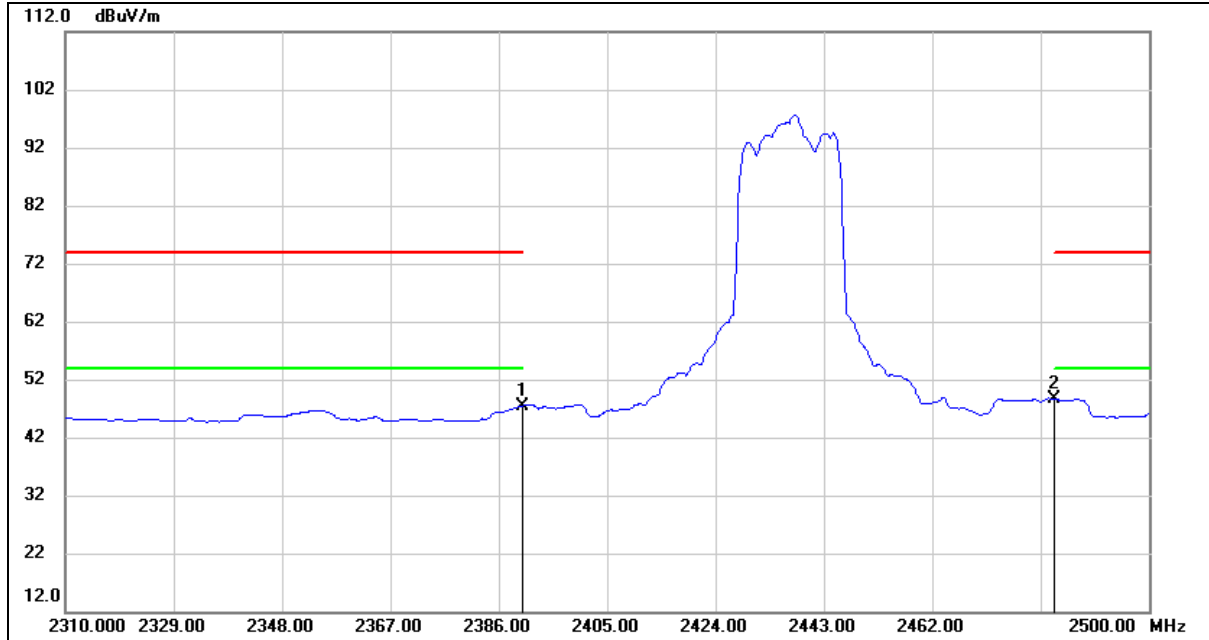
Peak



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	2346.480	33.33	33.46	66.79	74.00	-7.21	peak			
2		2390.000	27.13	33.14	60.27	74.00	-13.73	peak			
3		2483.500	29.49	32.78	62.27	74.00	-11.73	peak			



AVG



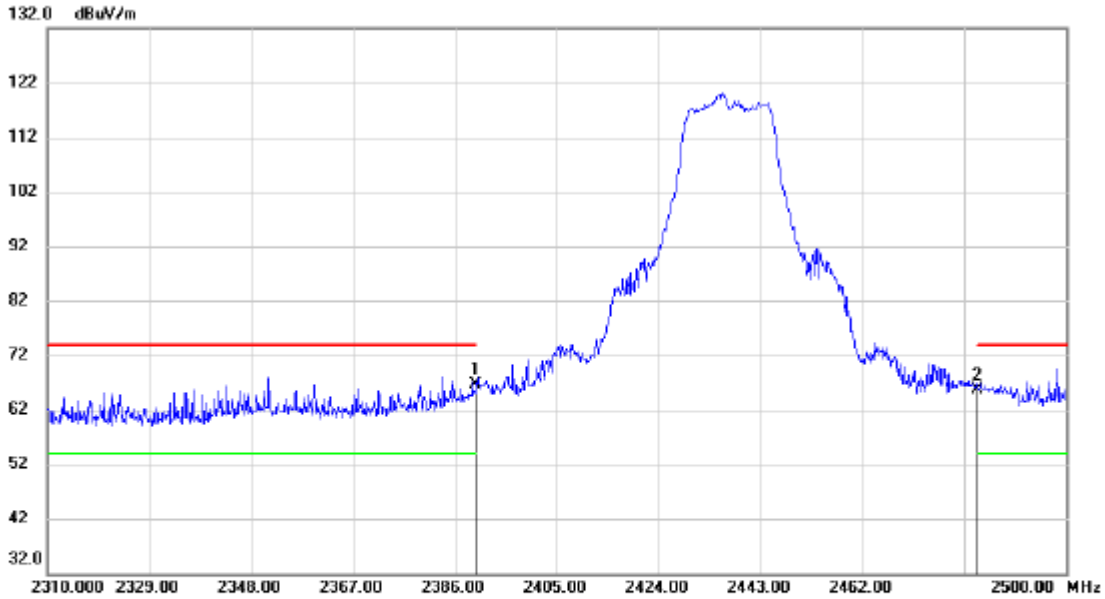
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2390.000	14.34	33.14	47.48	54.00	-6.52	AVG
2	2483.500	15.80	32.78	48.58	54.00	-5.42	AVG

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL6, VERTICAL)

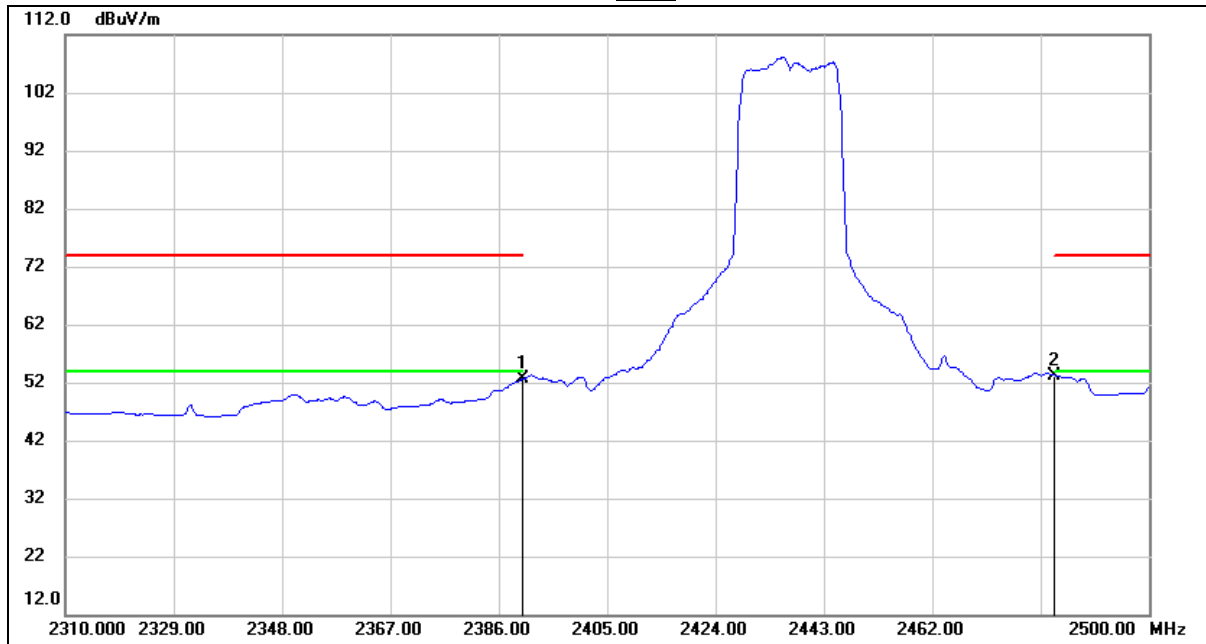
Peak



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	2390.000	33.50	33.24	66.74	74.00	-7.26	peak			
2		2483.500	32.81	32.88	65.69	74.00	-8.31	peak			



AVG



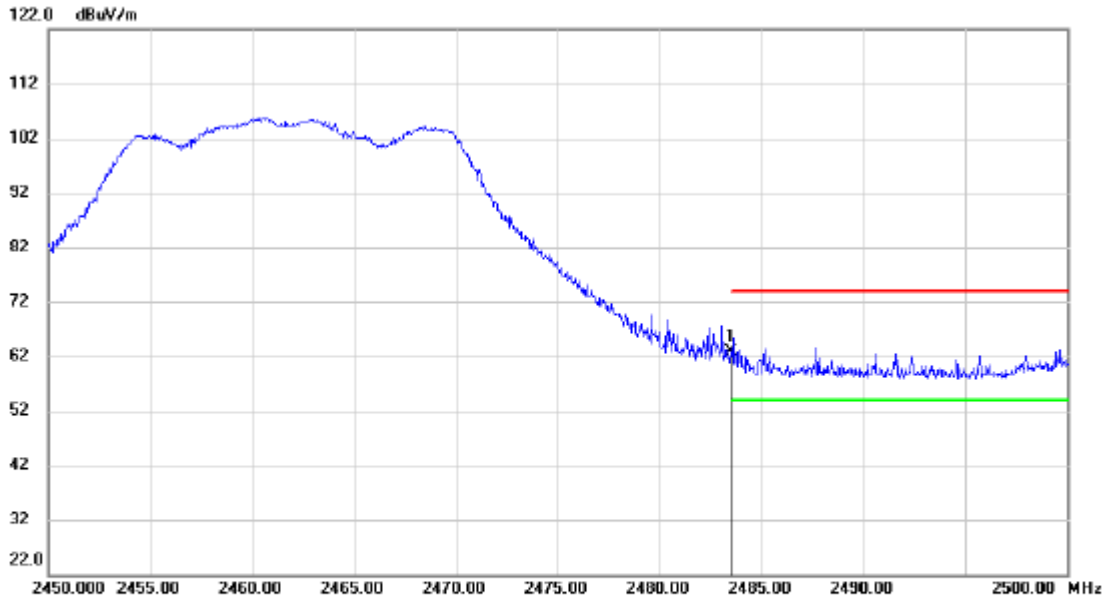
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2390.000	19.40	33.24	52.64	54.00	-1.36	AVG
2	2483.500	20.35	32.88	53.23	54.00	-0.77	AVG

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL11, HORIZONTAL)

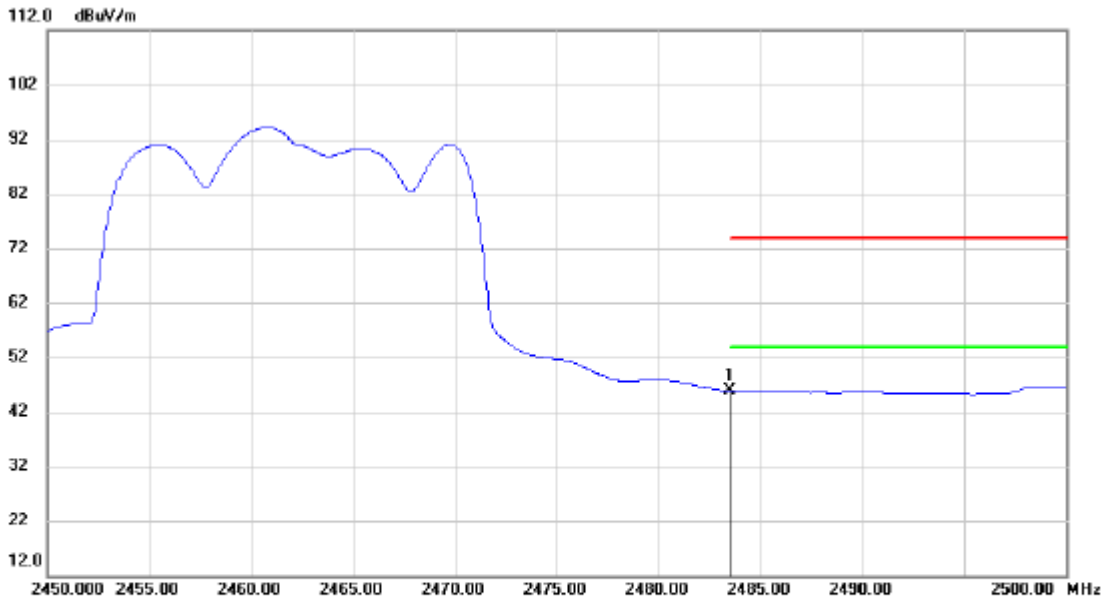
Peak



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	2483.500	30.04	32.78	62.82	74.00	-11.18			peak



AVG

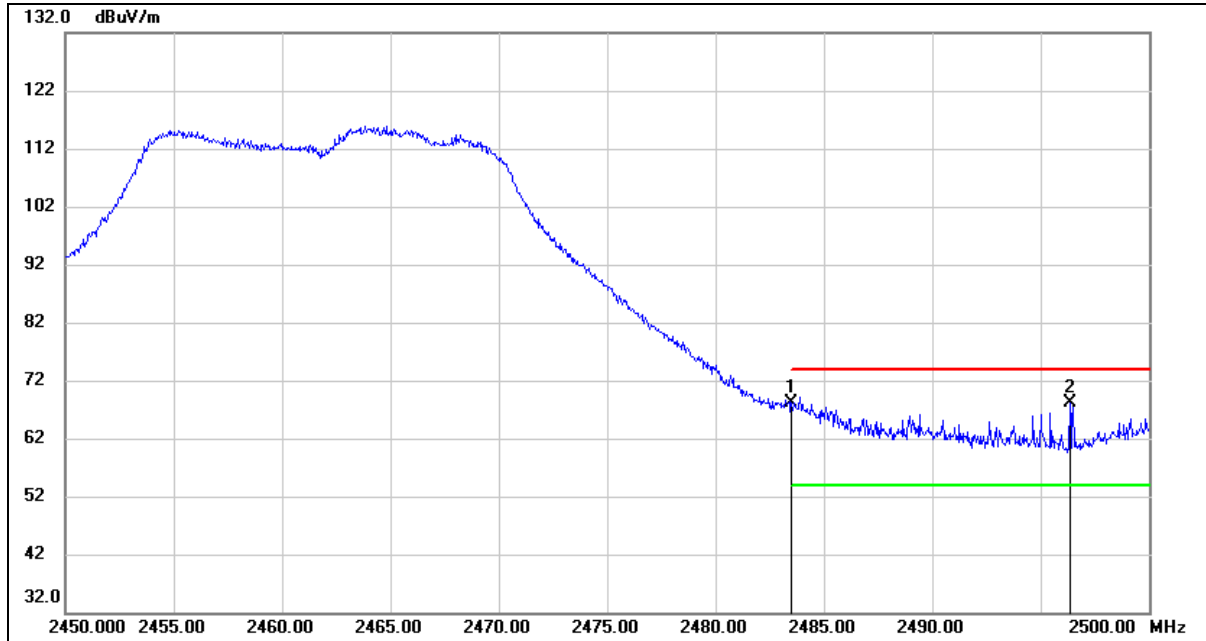


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2483.500	13.03	32.78	45.81	54.00	-8.19	AVG		

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



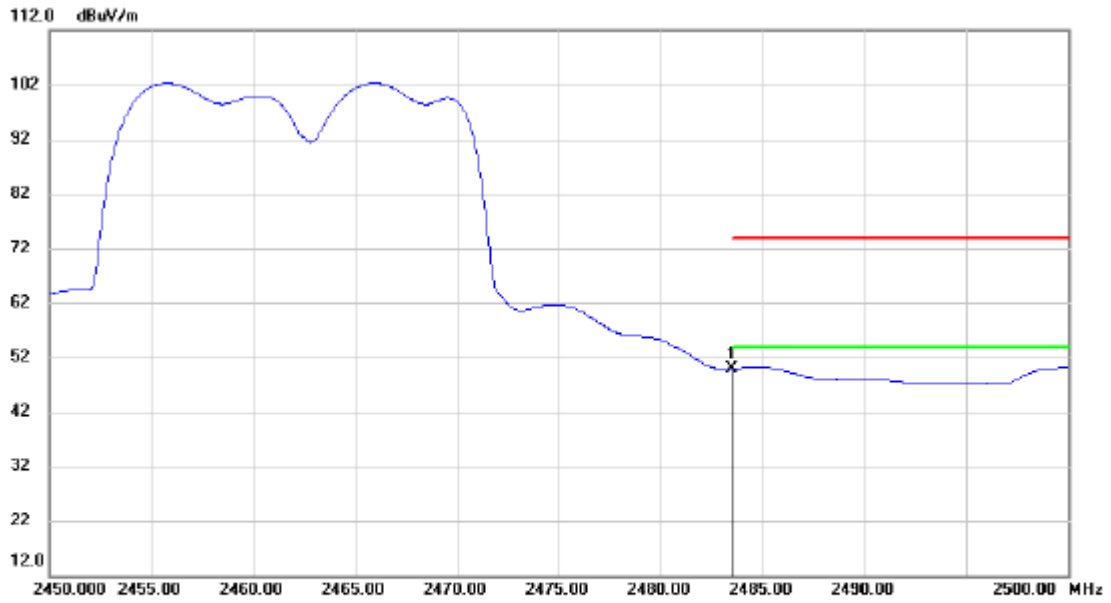
RESTRICTED BANDEGE (CHANNEL11, VERTICAL)
Peak



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	35.24	32.88	68.12	74.00	-5.88	peak
2	2496.350	35.14	32.88	68.02	74.00	-5.98	peak



AVG



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	2483.500	16.91	32.88	49.79	54.00	-4.21			AVG

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.

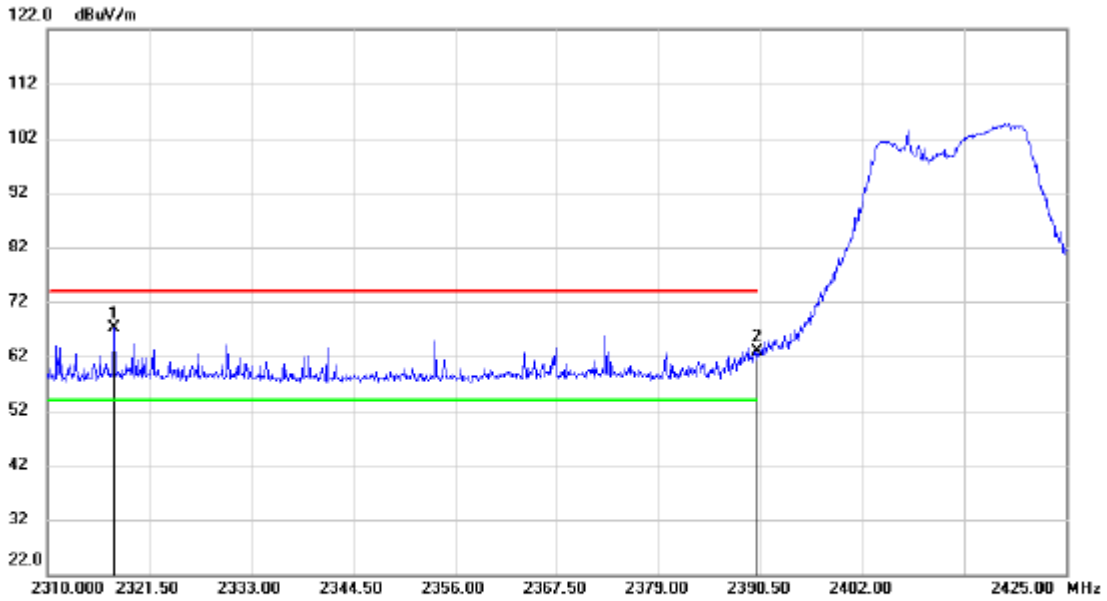


8.1.3. 802.11n20 MODE

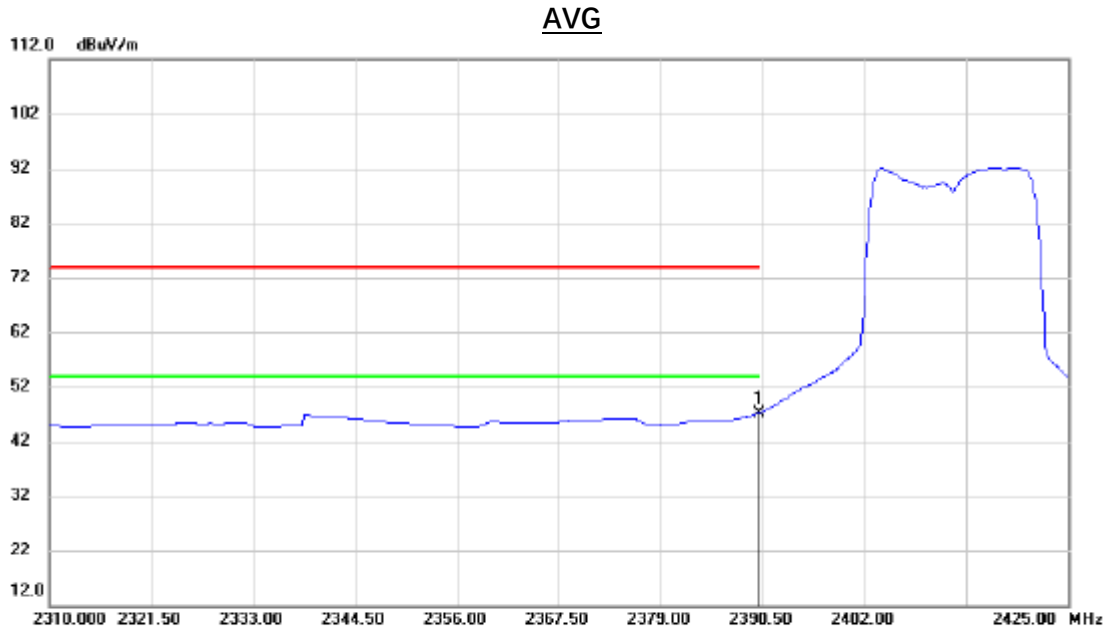
MIMO Mode (WORST-CASE CONFIGURATION)

RESTRICTED BANDEDGE (CHANNEL1, HORIZONTAL)

Peak



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	2317.590	33.51	33.66	67.17	74.00	-6.83			peak
2		2390.000	29.72	33.14	62.86	74.00	-11.14			peak



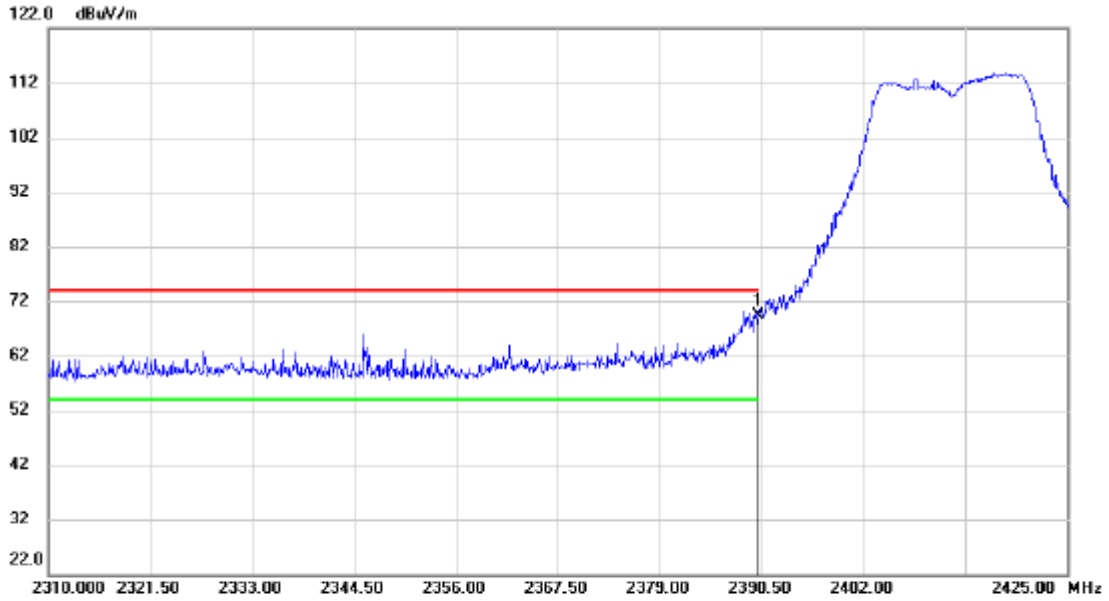
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1	*	2390.000	14.06	33.14	47.20	54.00	-6.80		

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL1, VERTICAL)

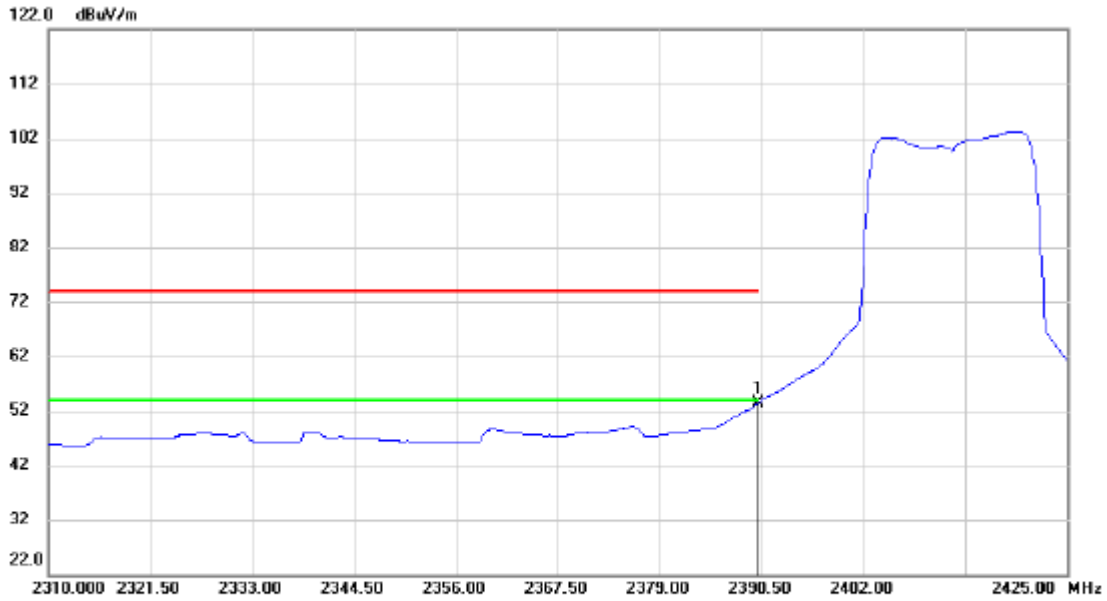
Peak



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	2390.000	36.05	33.24	69.29	74.00	-4.71			peak



AVG



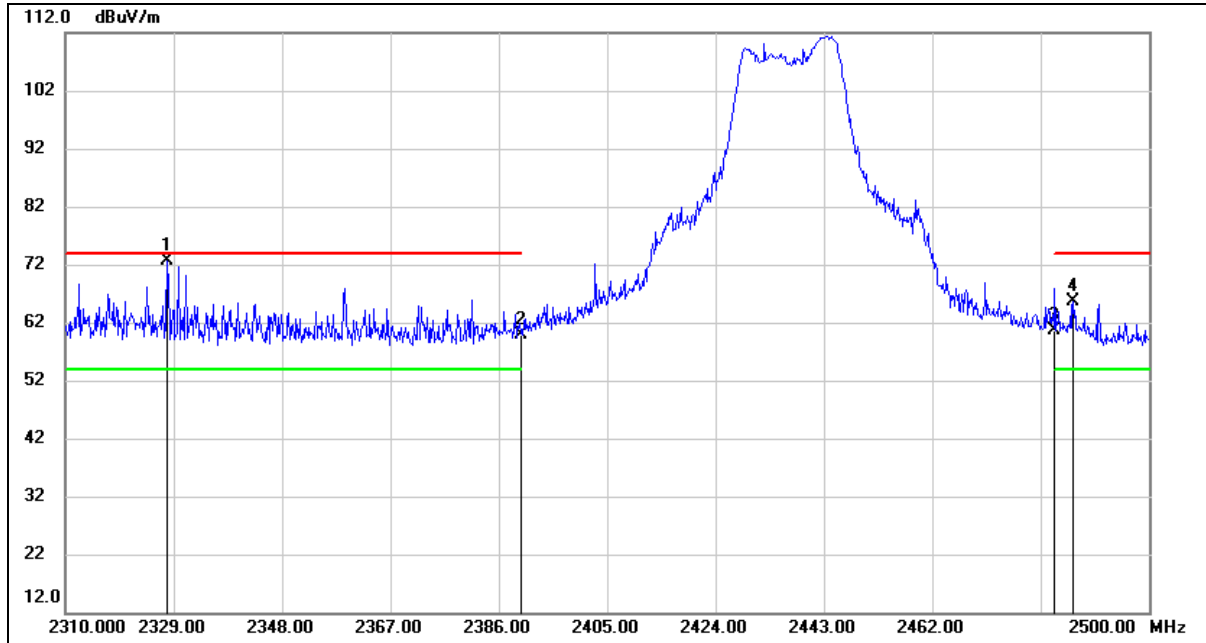
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	2390.000	20.12	33.24	53.36	54.00	-0.64			AVG

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL6, HORIZONTAL)

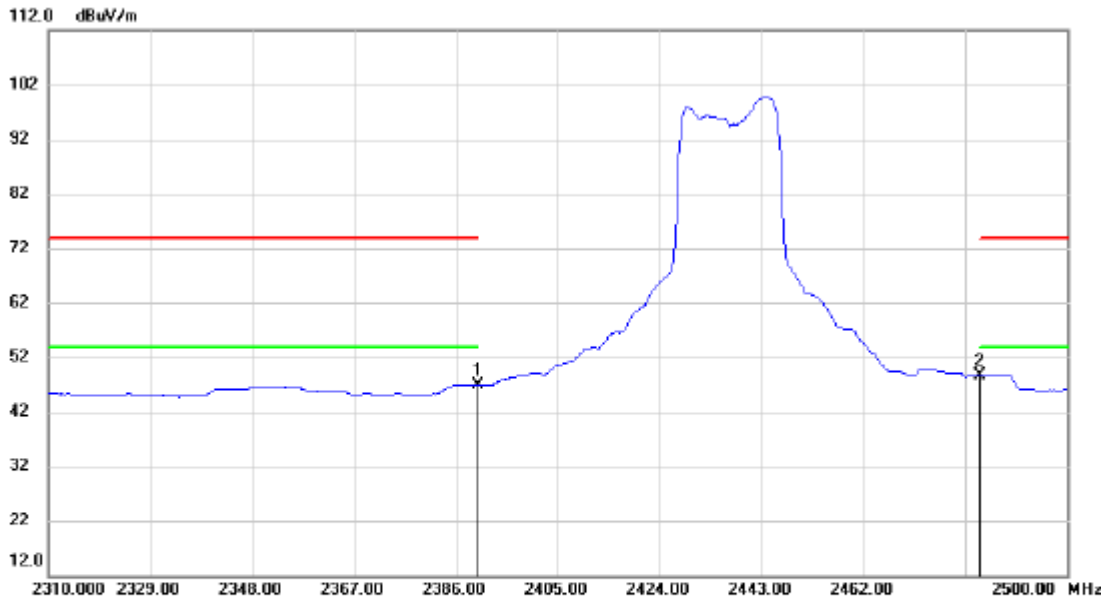
Peak



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2327.860	38.99	33.59	72.58	74.00	-1.42	peak
2	2390.000	26.80	33.14	59.94	74.00	-14.06	peak
3	2483.500	27.96	32.78	60.74	74.00	-13.26	peak
4	2486.700	32.88	32.79	65.67	74.00	-8.33	peak



AVG



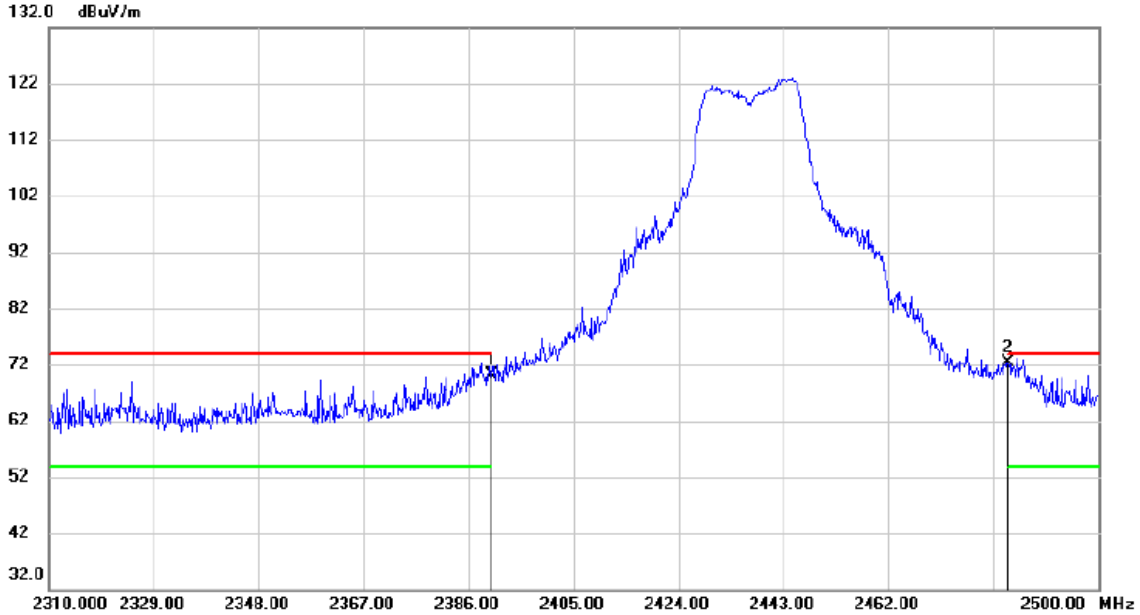
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Table			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2390.000	13.64	33.14	46.78	54.00	-7.22	AVG			
2	*	2483.500	15.85	32.78	48.63	54.00	-5.37	AVG			

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL6, VERTICAL)

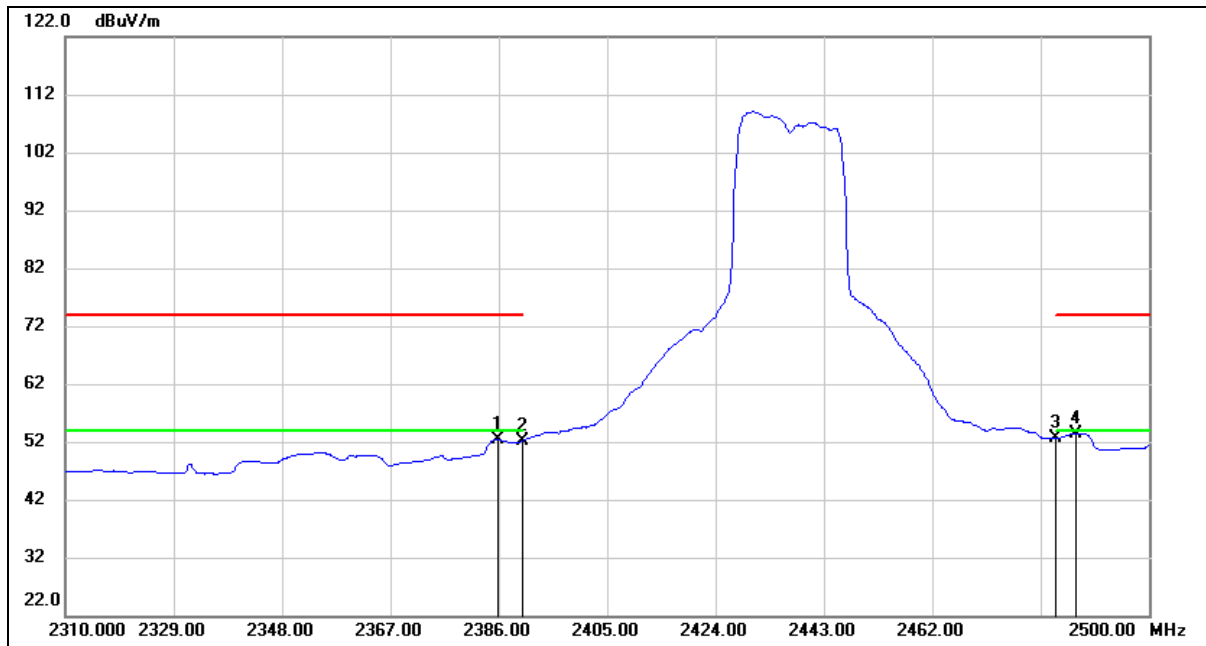
Peak



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		2390.000	36.80	33.24	70.04	74.00	-3.96	peak			
2	*	2483.500	39.59	32.88	72.47	74.00	-1.53	peak			



AVG



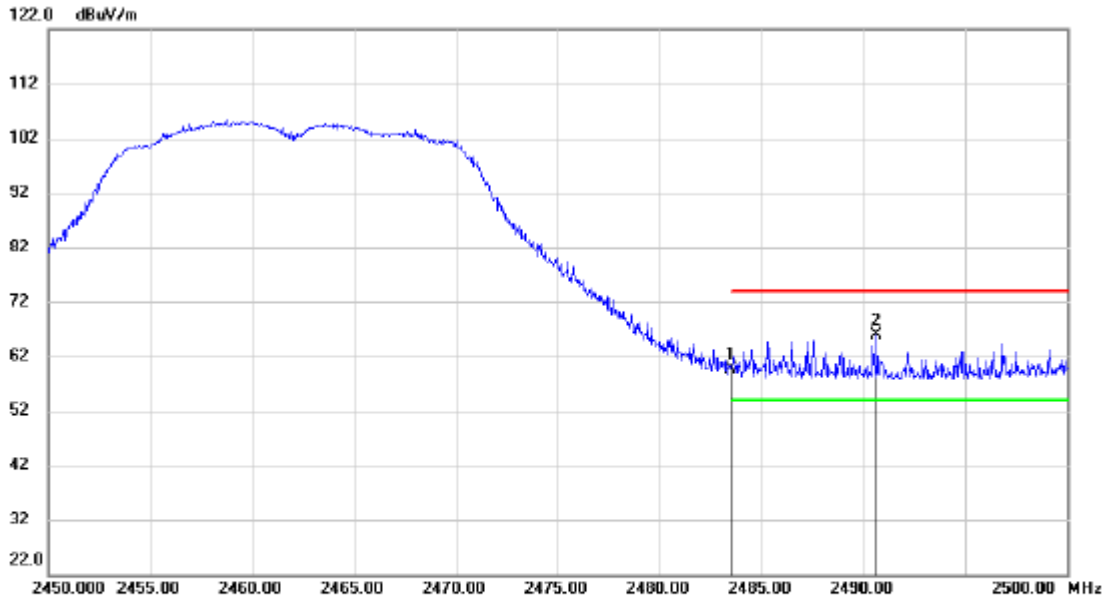
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2385.810	19.06	33.27	52.33	54.00	-1.67	AVG
2	2390.000	18.98	33.24	52.22	54.00	-1.78	AVG
3	2483.500	19.65	32.88	52.53	54.00	-1.47	AVG
4	2487.270	20.53	32.89	53.42	54.00	-0.58	AVG

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL11, HORIZONTAL)

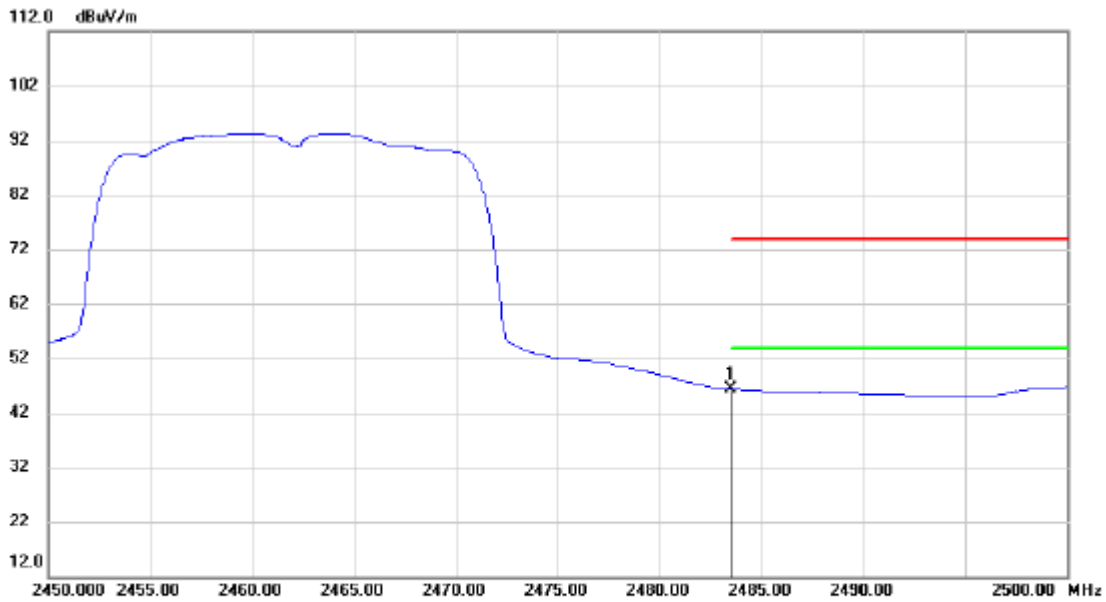
Peak



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	26.76	32.78	59.54	74.00	-14.46			peak
2	*	2490.650	33.17	32.78	65.95	74.00	-8.05			peak



AVG

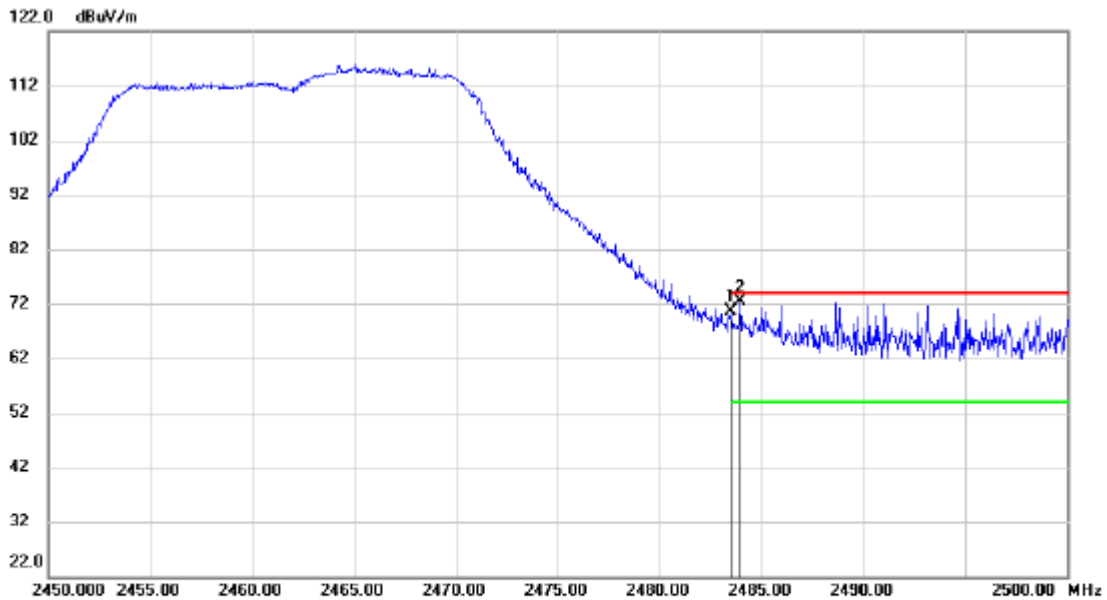


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Table Height	Table Degree	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree		
1	*	2483.500	13.58	32.78	46.36	54.00	-7.64			AVG	

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



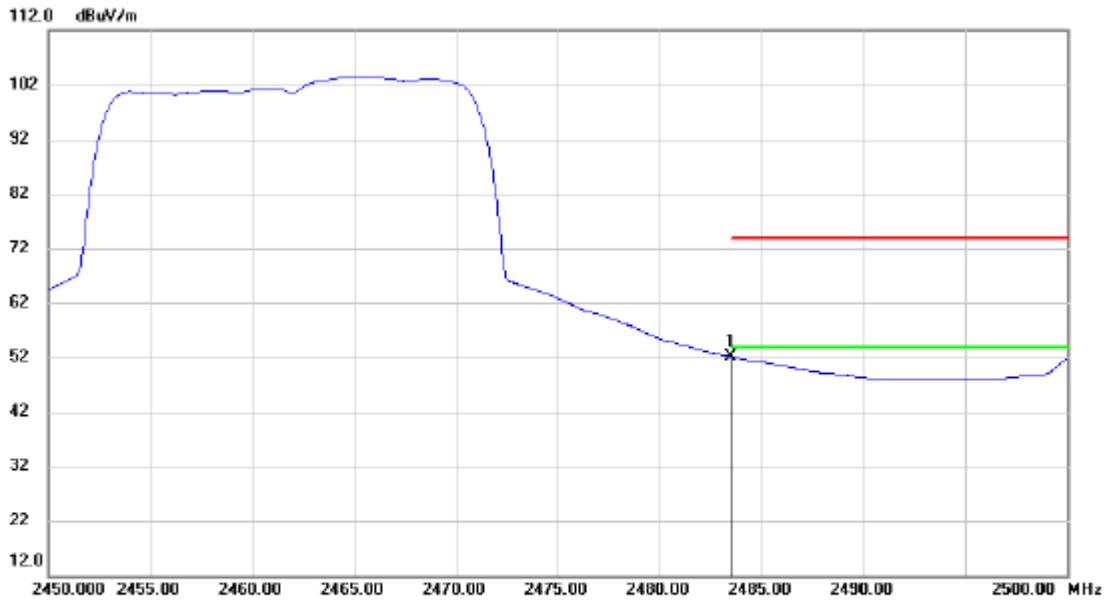
RESTRICTED BANDEGE (CHANNEL11, VERTICAL)
Peak



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	37.67	32.88	70.55	74.00	-3.45			peak
2	*	2483.950	39.61	32.88	72.49	74.00	-1.51			peak



AVG



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	2483.500	19.20	32.88	52.08	54.00	-1.92			AVG

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.

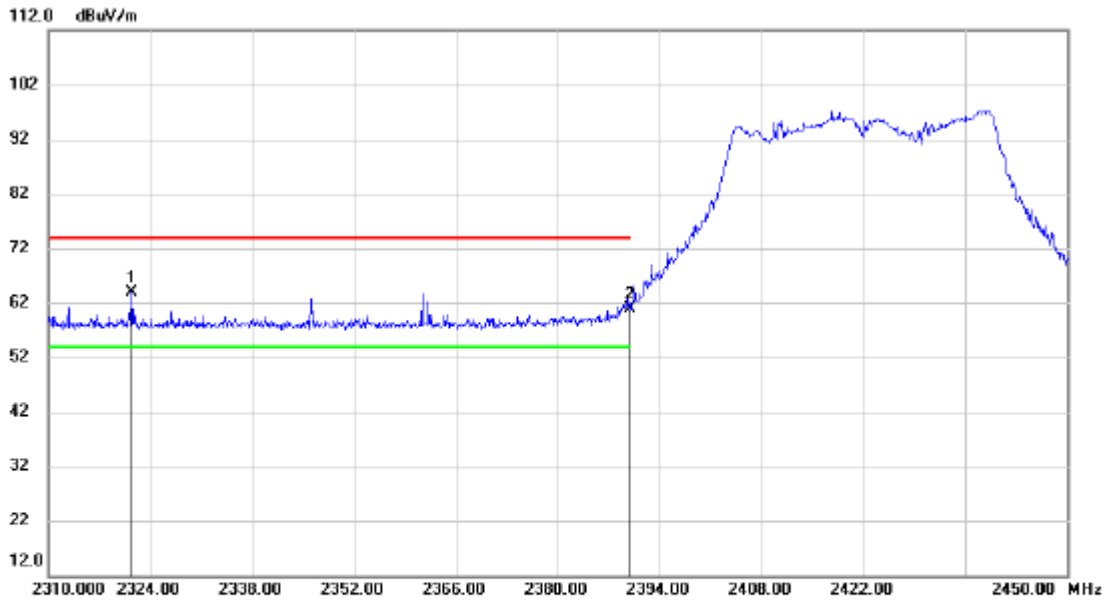


8.1.4. 802.11n40 MODE

MIMO Mode (WORST-CASE CONFIGURATION)

RESTRICTED BANDEDGE (CHANNEL3, HORIZONTAL)

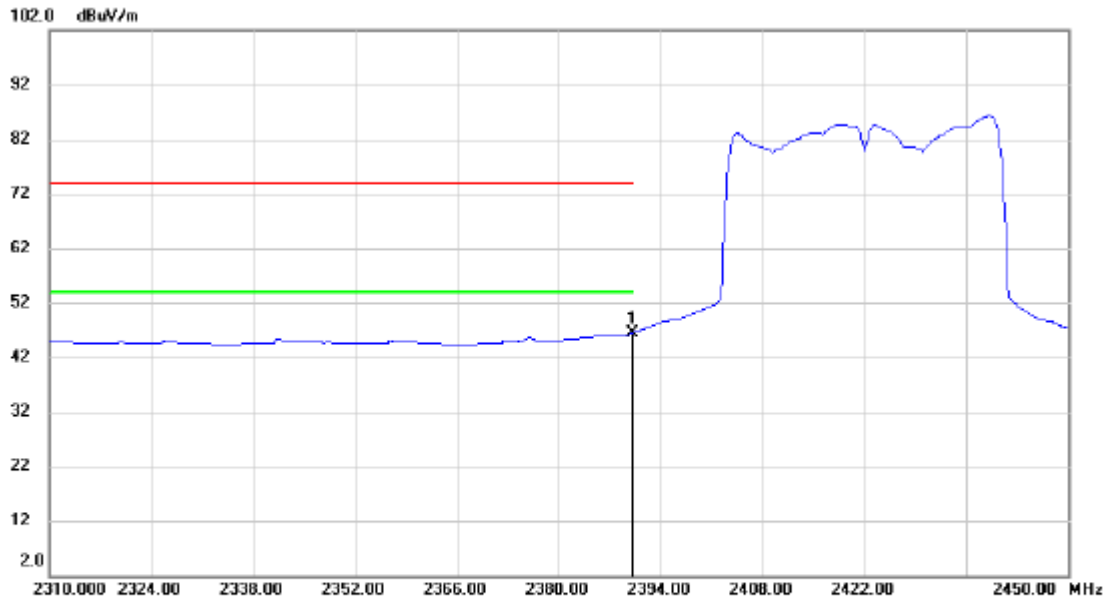
Peak



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	2321.480	30.36	33.64	64.00	74.00	-10.00	peak			
2		2390.000	27.80	33.14	60.94	74.00	-13.06	peak			



AVG



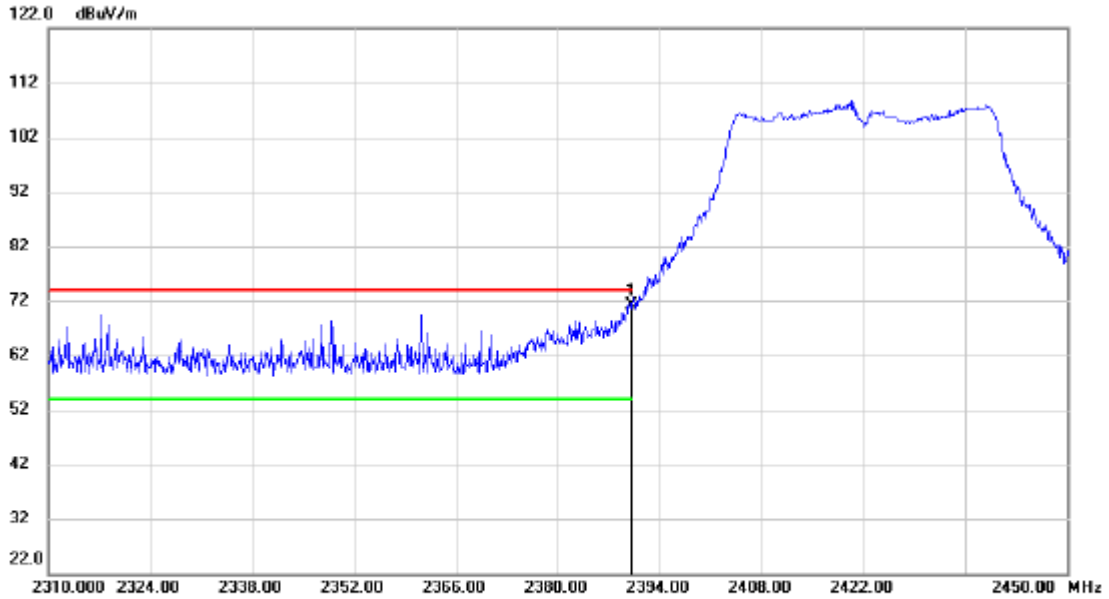
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Table			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Height	Degree	Comment
1	*	2390.000	13.23	33.14	46.37	54.00	-7.63	AVG			

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL3, VERTICAL)

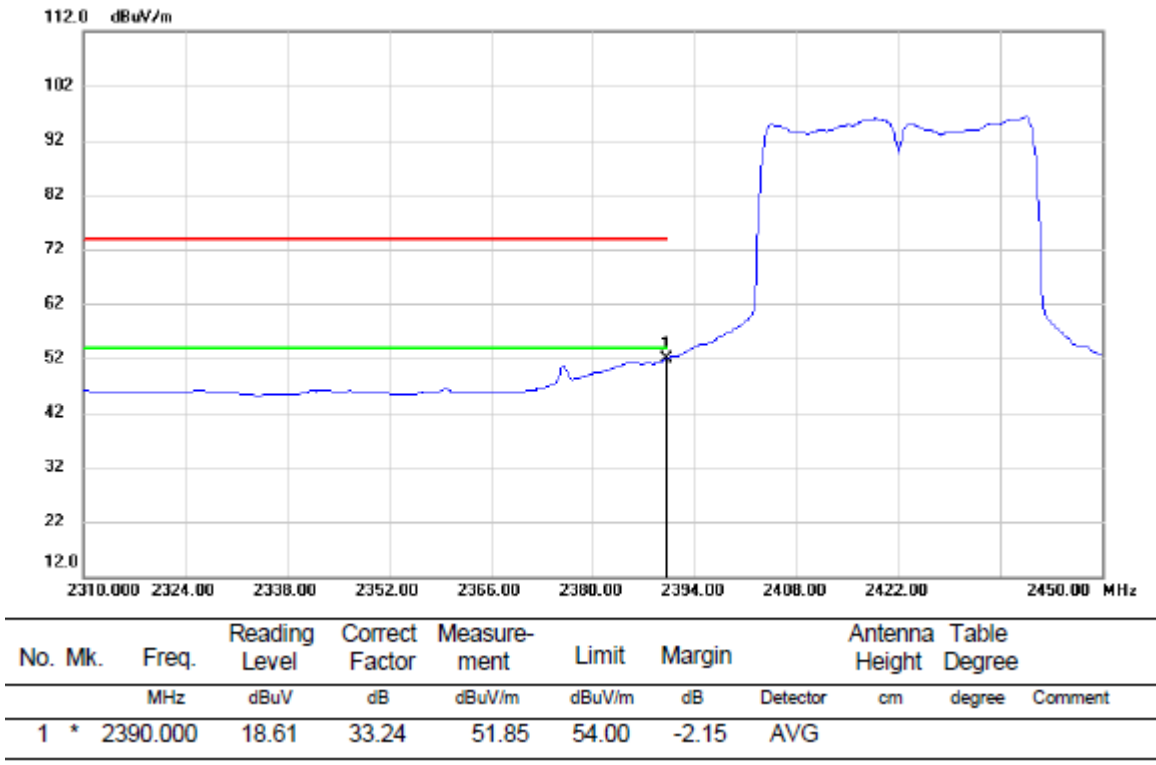
Peak



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree		
1	*	2390.000	37.84	33.24	71.08	74.00	-2.92			peak	



AVG

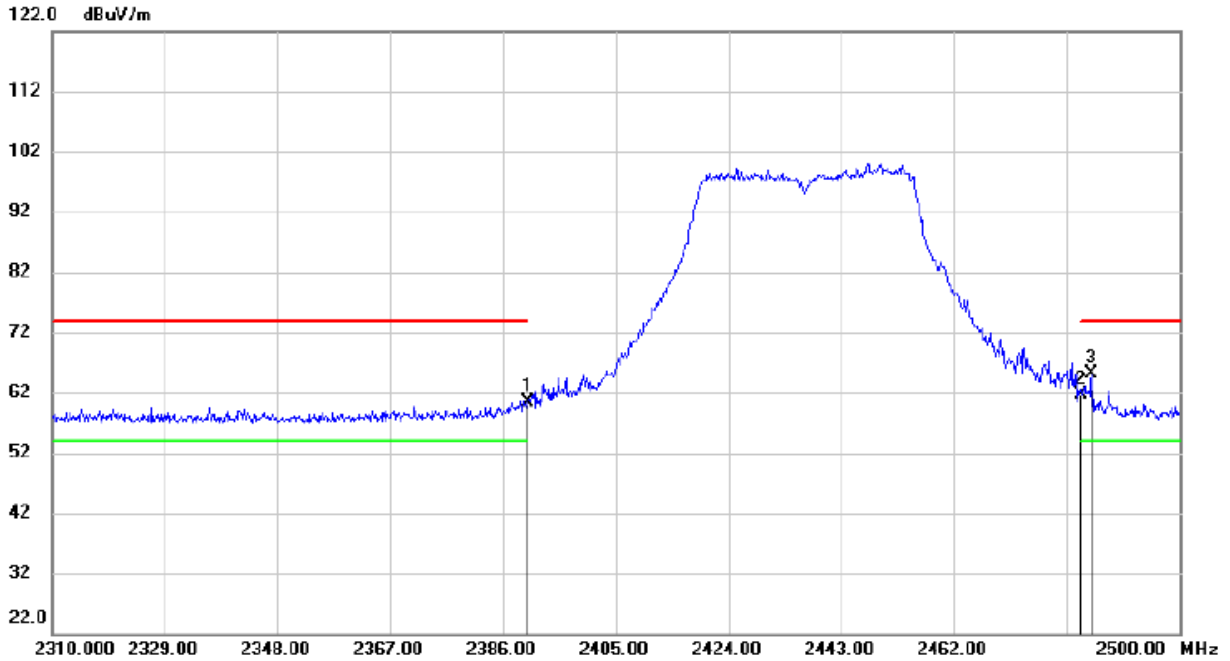


- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL6, HORIZONTAL)

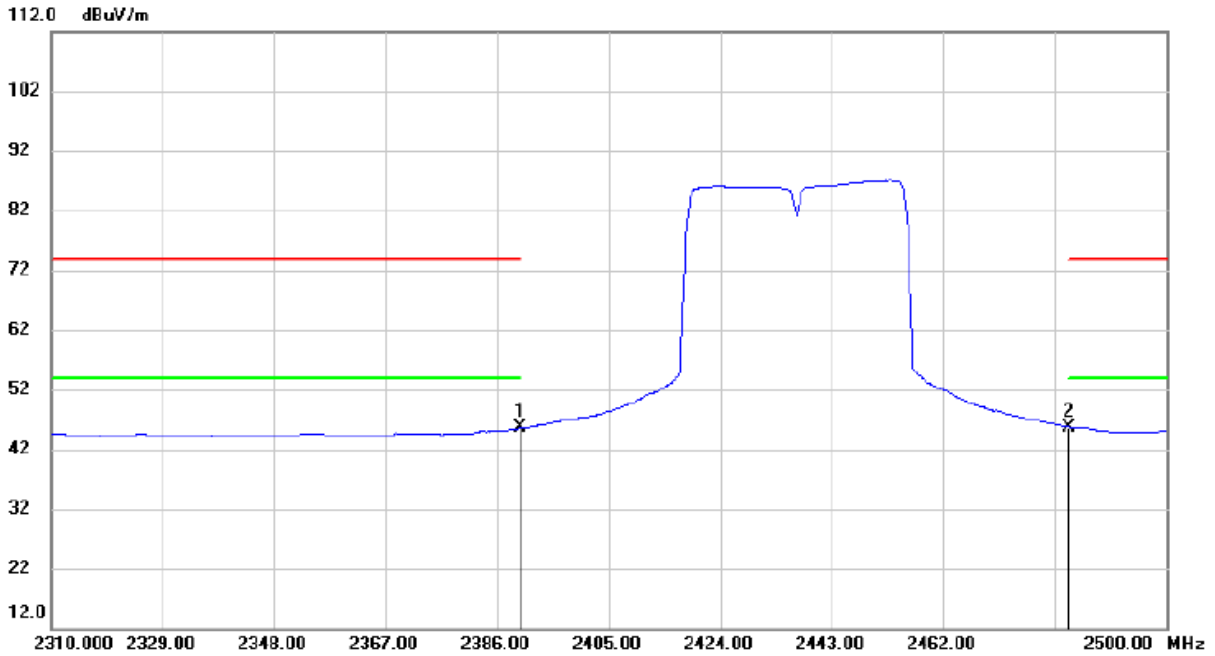
Peak



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		2390.000	27.26	33.14	60.40	74.00	-13.60	peak			
2		2483.500	28.81	32.78	61.59	74.00	-12.41	peak			
3	*	2485.180	32.26	32.78	65.04	74.00	-8.96	peak			



AVG



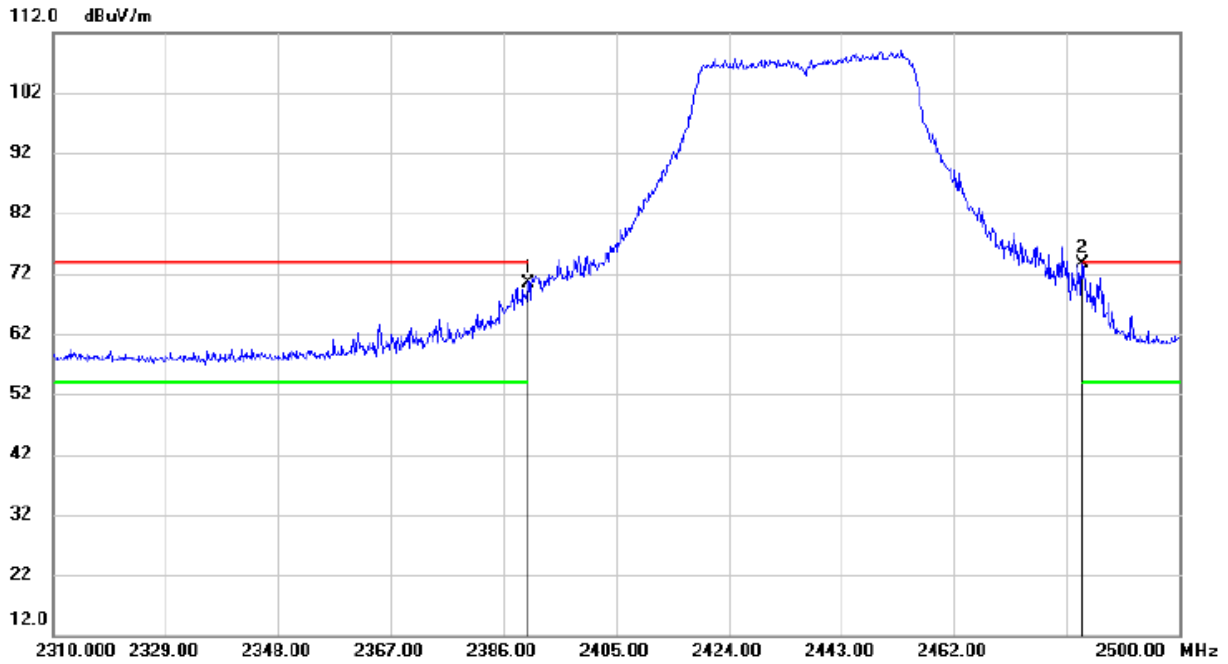
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		2390.000	12.37	33.14	45.51	54.00	-8.49	AVG			
2	*	2483.500	12.93	32.78	45.71	54.00	-8.29	AVG			

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.

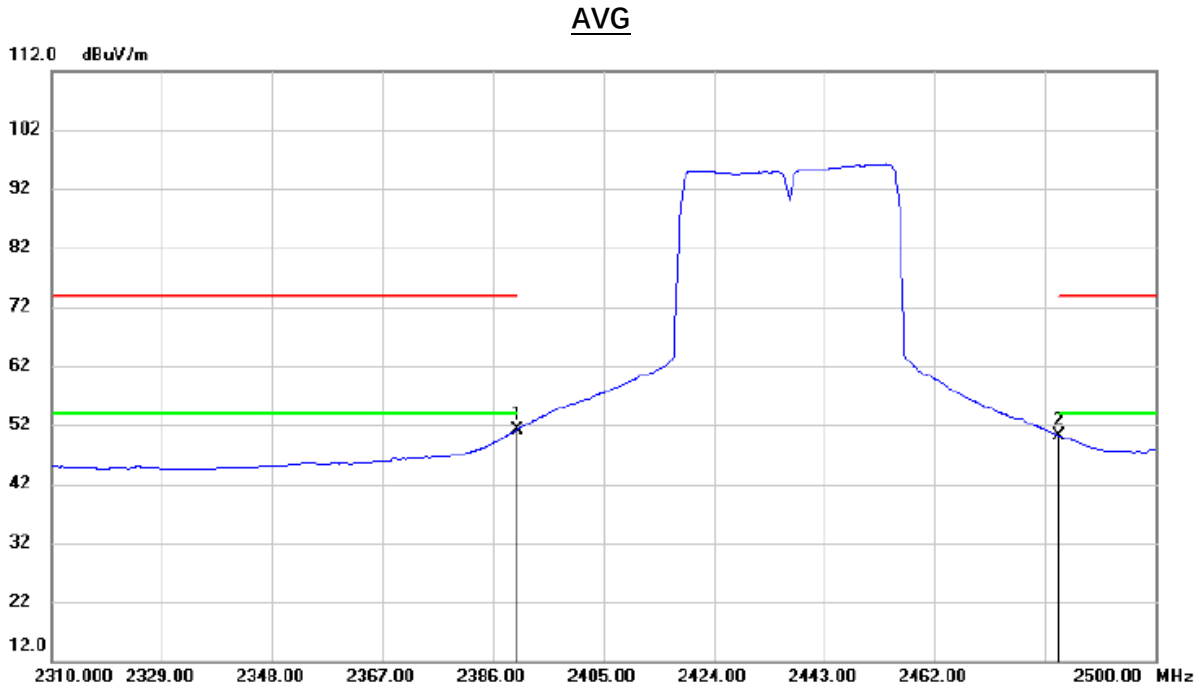


RESTRICTED BANDEGE (CHANNEL6, VERTICAL)

Peak



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		2390.000	37.26	33.24	70.50	74.00	-3.50			peak
2	*	2483.500	40.73	32.88	73.61	74.00	-0.39			peak



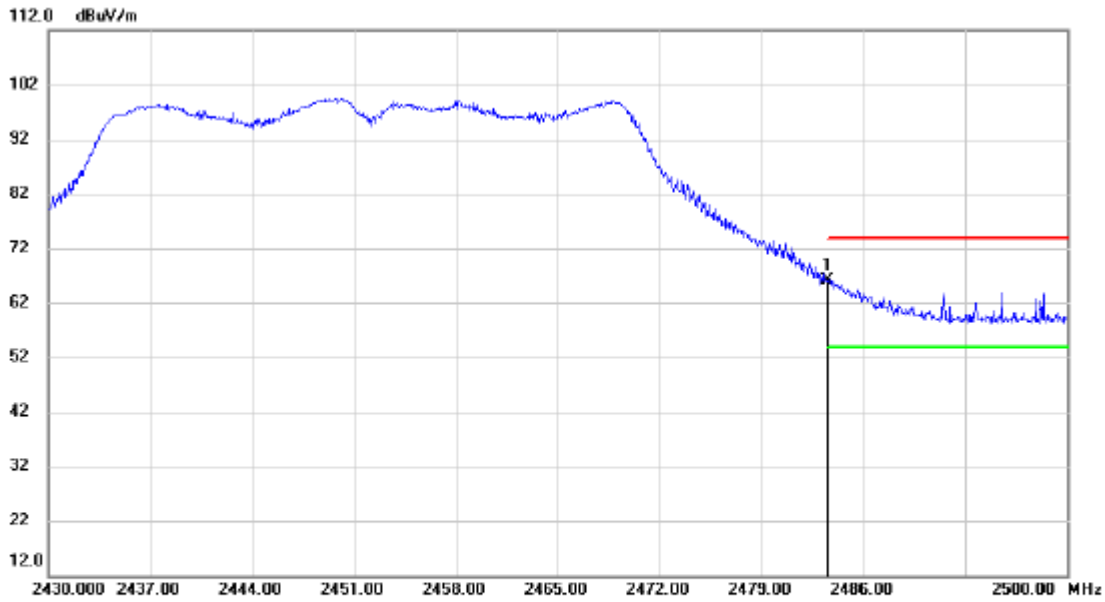
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	2390.000	18.00	33.24	51.24	54.00	-2.76	AVG			
2		2483.500	17.22	32.88	50.10	54.00	-3.90	AVG			

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



RESTRICTED BANDEDGE (CHANNEL9, HORIZONTAL)

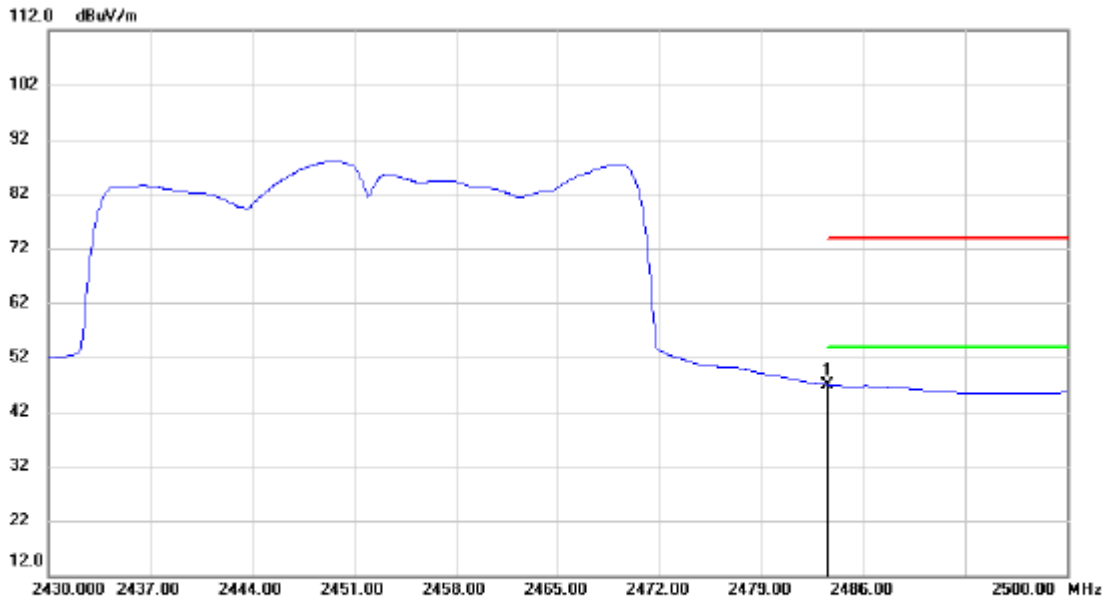
Peak



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	2483.500	33.24	32.78	66.02	74.00	-7.98			peak



AVG

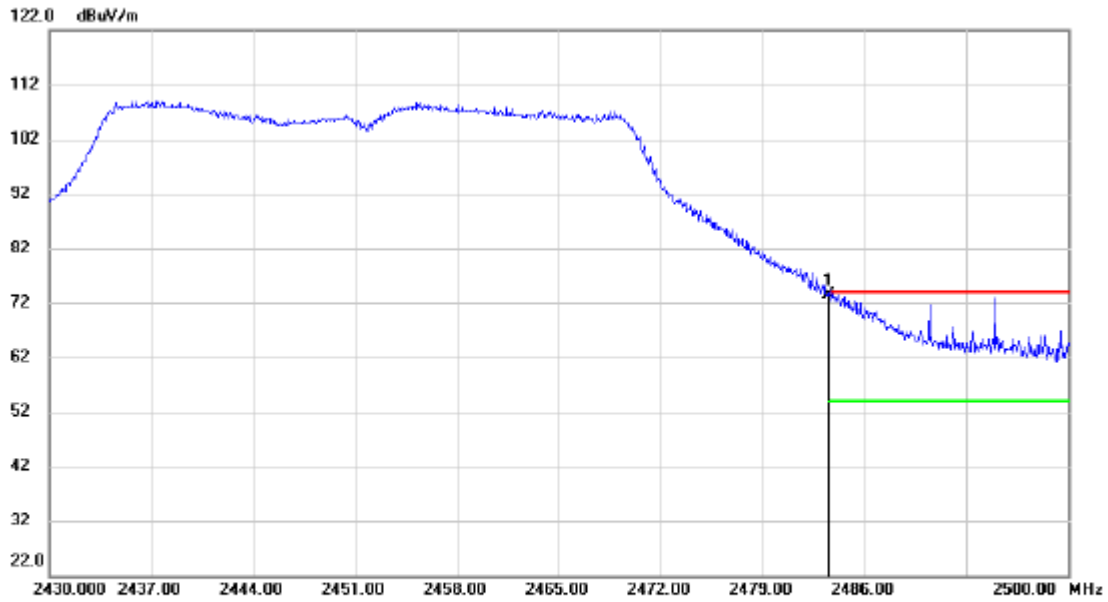


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	2483.500	14.20	32.78	46.98	54.00	-7.02			AVG

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



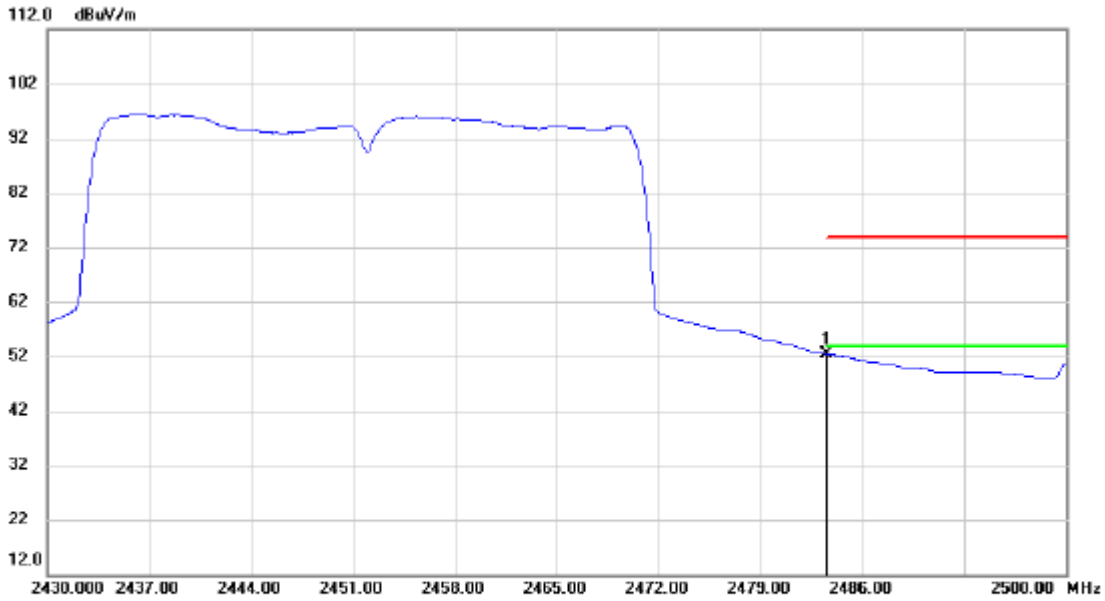
RESTRICTED BANDEDGE (CHANNEL9, VERTICAL)
Peak



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	2483.500	40.41	32.88	73.29	74.00	-0.71			peak



AVG



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	2483.500	19.48	32.88	52.36	54.00	-1.64			AVG

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.

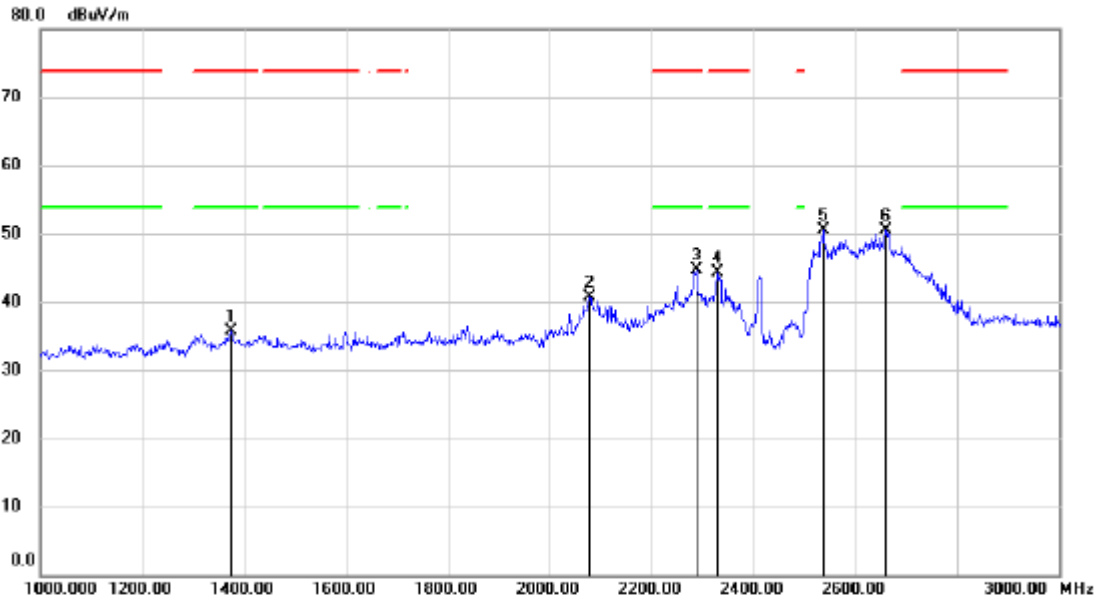


8.2. SPURIOUS EMISSIONS (1~18GHz)

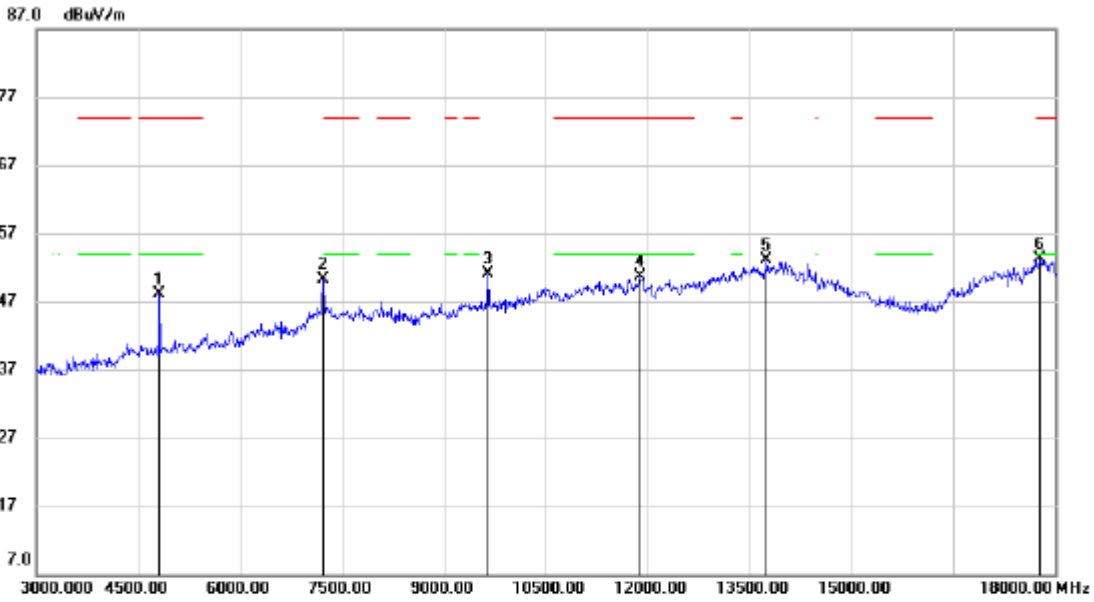
8.2.1. 802.11b MODE

SISO Ant 0 Mode (WORST-CASE CONFIGURATION)

HARMONICS AND SPURIOUS EMISSIONS (CHANNEL1, HORIZONTAL)



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		1374.933	48.01	-12.22	35.79	74.00	-38.21	peak			
2		2079.533	50.48	-9.83	40.65			peak			
3	*	2288.067	52.08	-7.45	44.63	74.00	-29.37	peak			
4		2331.867	51.88	-7.62	44.26	74.00	-29.74	peak			
5		2537.333	58.88	-8.37	50.51			peak			
6		2661.600	58.23	-7.79	50.44			peak			

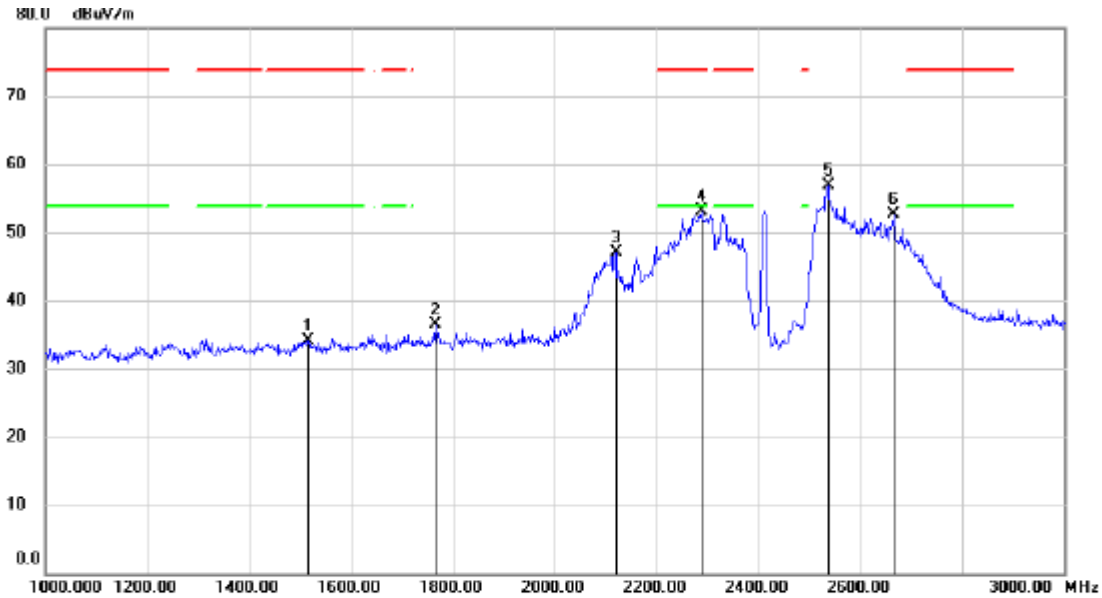


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		4823.500	48.36	-0.27	48.09	74.00	-25.91	peak			
2		7237.500	42.44	7.83	50.27			peak			
3		9648.000	39.79	11.24	51.03			peak			
4		11883.50	33.90	16.81	50.71	74.00	-23.29	peak			
5		13756.00	32.28	20.83	53.11			peak			
6	*	17780.00	27.03	26.24	53.27	74.00	-20.73	peak			

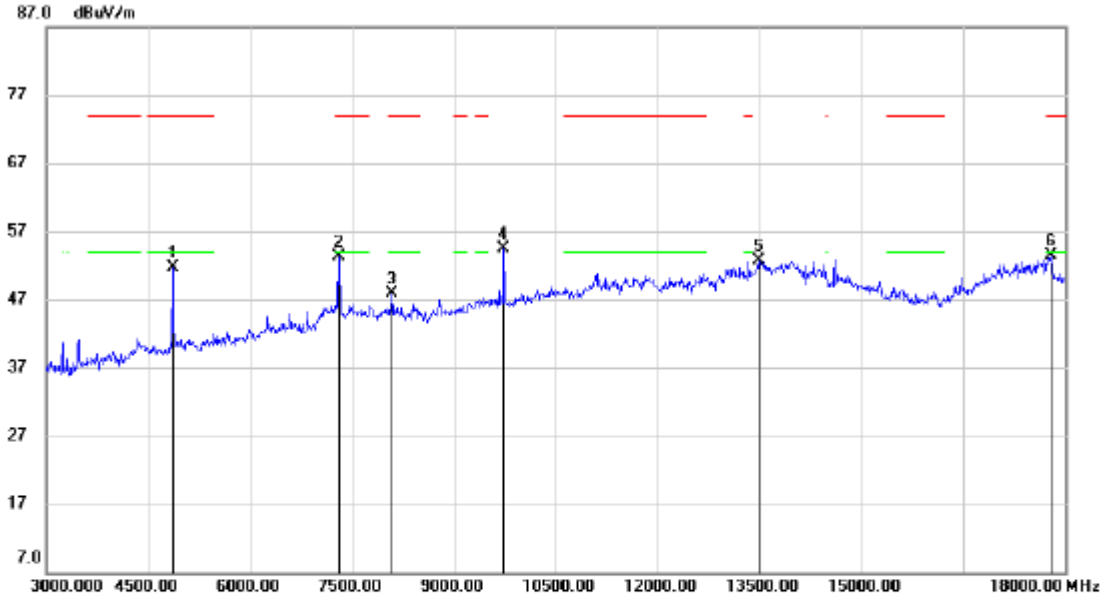
- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL1, VERTICAL)



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		1516.733	46.45	-12.27	34.18	74.00	-39.82	peak			
2		1767.800	47.64	-11.22	36.42			peak			
3		2120.333	56.55	-9.41	47.14			peak			
4	*	2288.200	60.33	-7.29	53.04	74.00	-20.96	peak			
5		2537.667	65.17	-8.26	56.91			peak			
6		2667.733	60.46	-7.83	52.63			peak			

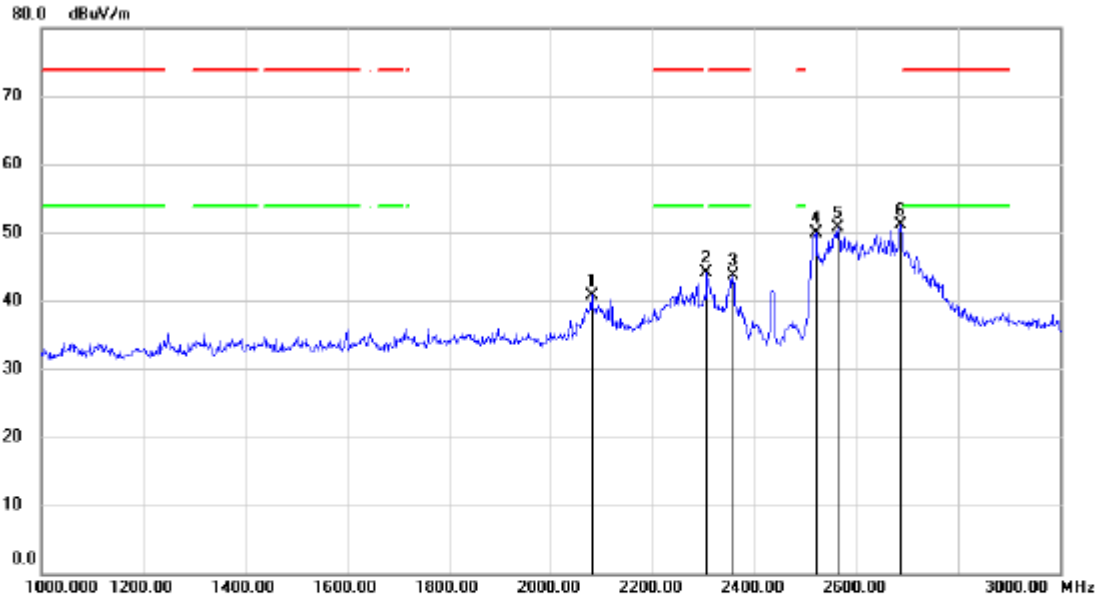


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	4873.500	51.30	0.32	51.62	74.00	-22.38	peak			
2	7311.500	45.58	7.75	53.33	74.00	-20.67	peak			
3	8087.000	39.40	8.43	47.83	74.00	-26.17	peak			
4	9748.000	42.89	11.66	54.55			peak			
5	13490.50	32.25	20.46	52.71			peak			
6 *	17790.00	26.68	26.76	53.44	74.00	-20.56	peak			

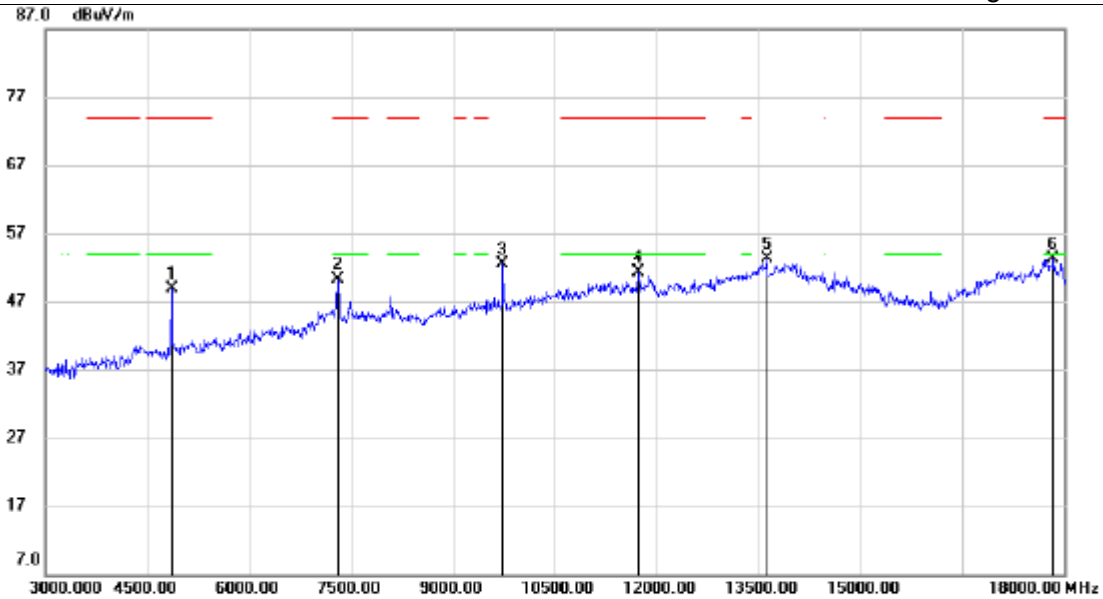
- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL6, HORIZONTAL)



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		2080.467	50.62	-9.82	40.80					peak
2		2307.800	51.62	-7.46	44.16					peak
3	*	2359.467	51.59	-7.82	43.77	74.00	-30.23			peak
4		2520.400	58.34	-8.38	49.96					peak
5		2565.467	58.99	-8.28	50.71					peak
6		2687.333	58.82	-7.67	51.15					peak

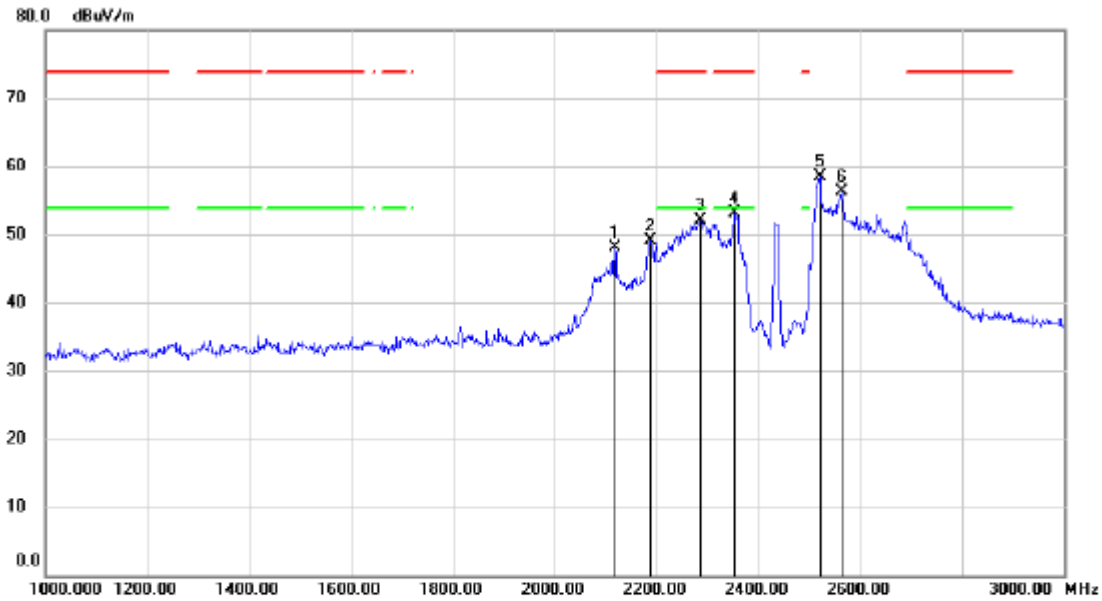


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		4874.000	48.47	0.37	48.84	74.00	-25.16	peak			
2		7309.500	42.53	7.75	50.28	74.00	-23.72	peak			
3		9748.000	40.93	11.56	52.49			peak			
4		11742.00	34.87	16.44	51.31	74.00	-22.69	peak			
5		13631.50	32.74	20.47	53.21			peak			
6	*	17844.00	26.77	26.49	53.26	74.00	-20.74	peak			

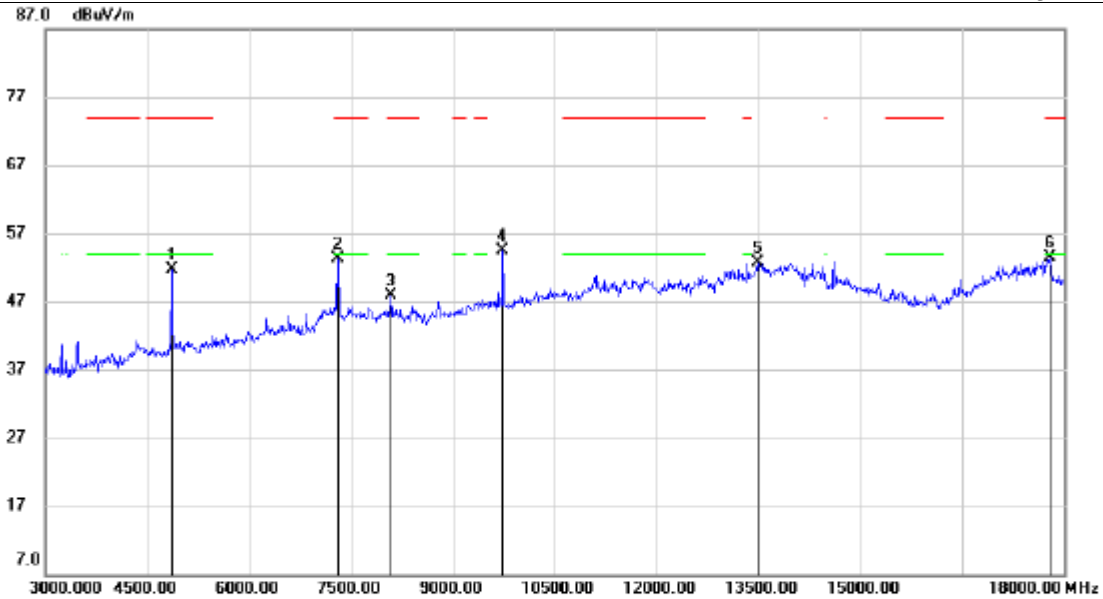
- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL6, VERTICAL)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2119.867	57.44	-9.41	48.03					peak
2		2188.200	57.65	-8.47	49.18					peak
3		2287.867	59.44	-7.30	52.14	74.00	-21.86			peak
4	*	2355.733	60.83	-7.69	53.14	74.00	-20.86			peak
5		2520.467	66.75	-8.28	58.47					peak
6		2565.000	64.49	-8.21	56.28					peak

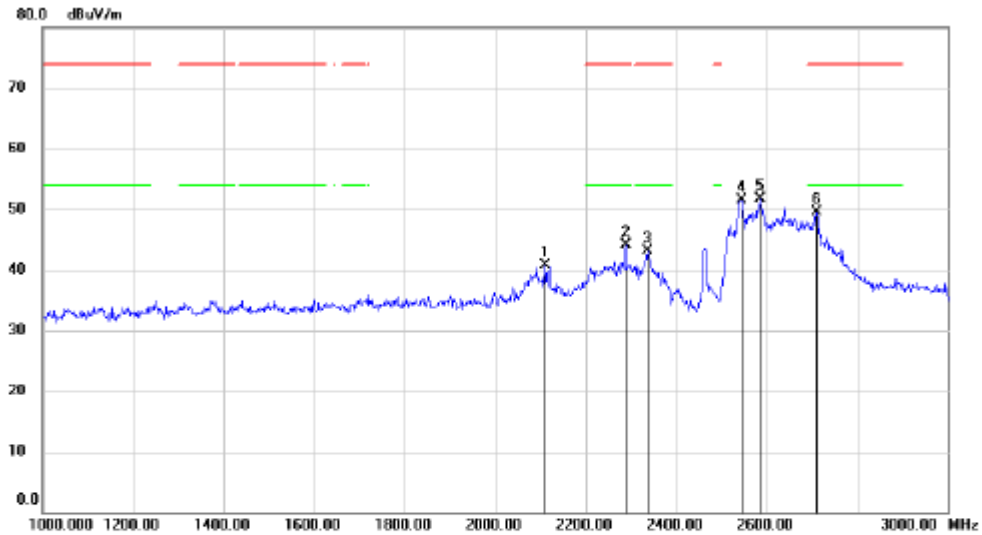


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		4873.500	51.30	0.32	51.62	74.00	-22.38	peak			
2		7311.500	45.58	7.75	53.33	74.00	-20.67	peak			
3		8087.000	39.40	8.43	47.83	74.00	-26.17	peak			
4		9748.000	42.89	11.66	54.55			peak			
5		13490.50	32.25	20.46	52.71			peak			
6	*	17790.00	26.68	26.76	53.44	74.00	-20.56	peak			

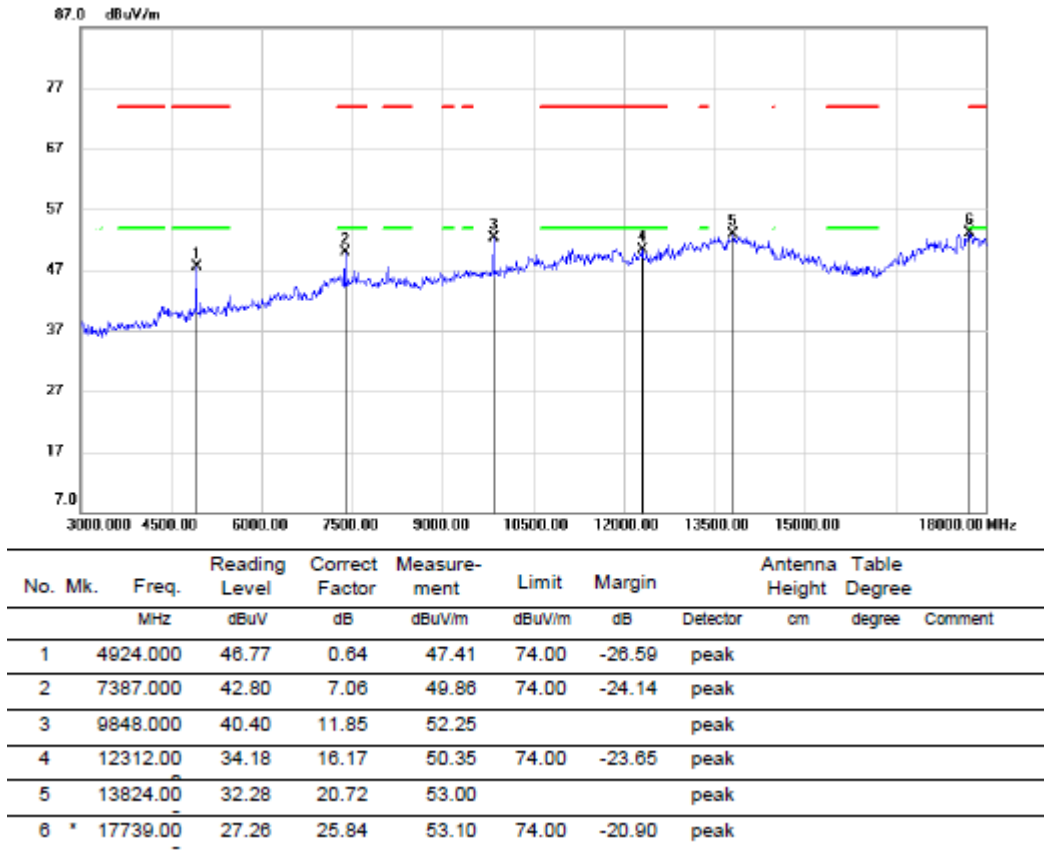
- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL11, HORIZONTAL)



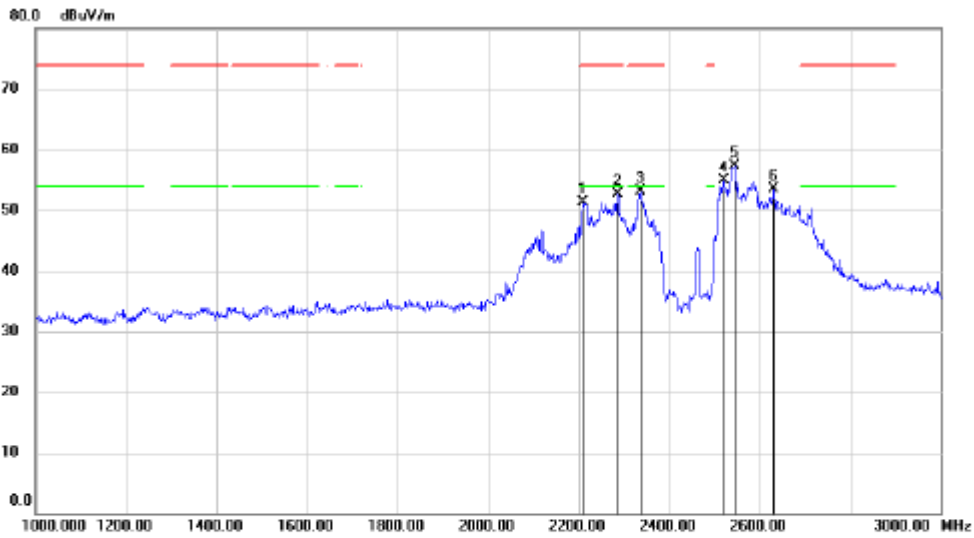
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		2111.800	50.05	-9.42	40.63					peak
2		2288.133	51.49	-7.45	44.04	74.00	-29.96			peak
3		2336.733	50.75	-7.65	43.10	74.00	-30.90			peak
4		2545.000	59.91	-8.36	51.55					peak
5		2585.800	59.81	-8.19	51.62					peak
6	*	2711.733	56.95	-7.51	49.44	74.00	-24.56			peak



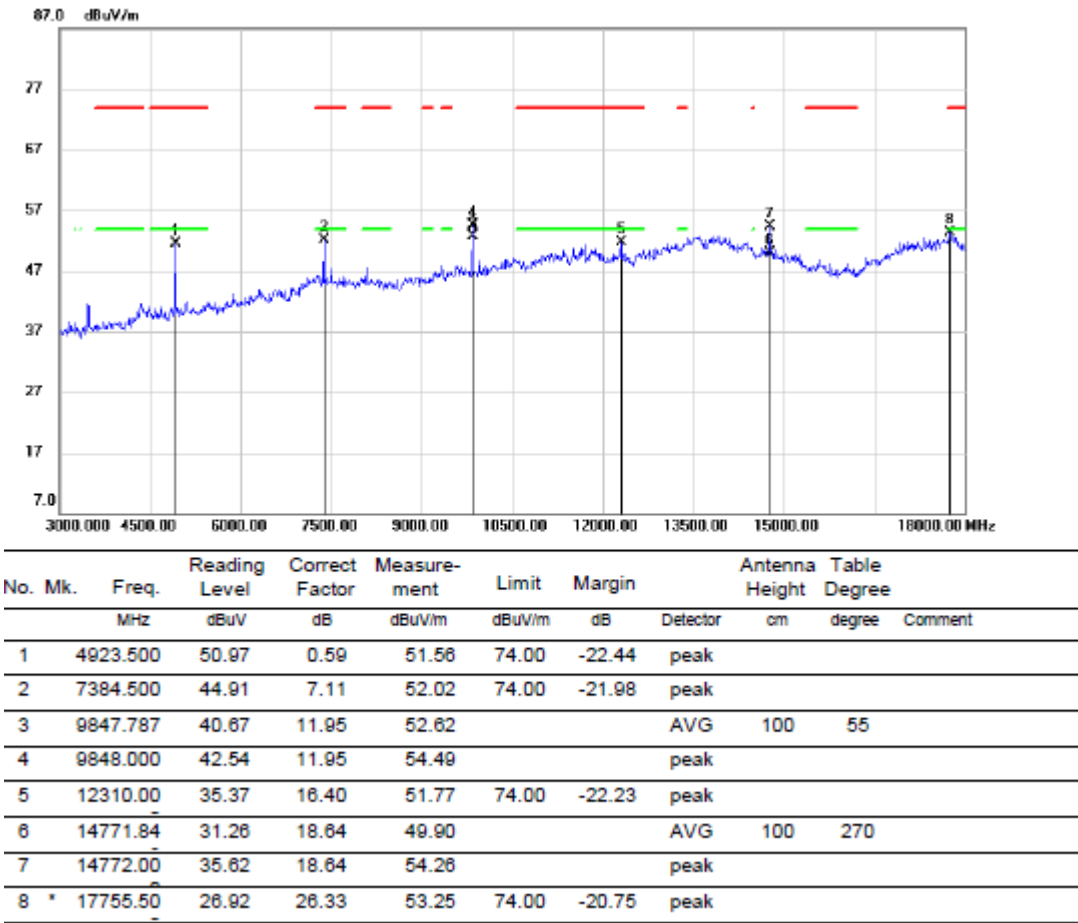
- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL11, VERTICAL)



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Detector	Comment
1		2211.800	59.49	-8.13	51.36	74.00	-22.64			peak	
2		2287.733	60.04	-7.30	52.74	74.00	-21.26			peak	
3	*	2336.667	60.57	-7.53	53.04	74.00	-20.96			peak	
4		2520.400	63.12	-8.28	54.84					peak	
5		2544.400	65.57	-8.26	57.31					peak	
6		2631.733	61.50	-8.01	53.49					peak	



- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.

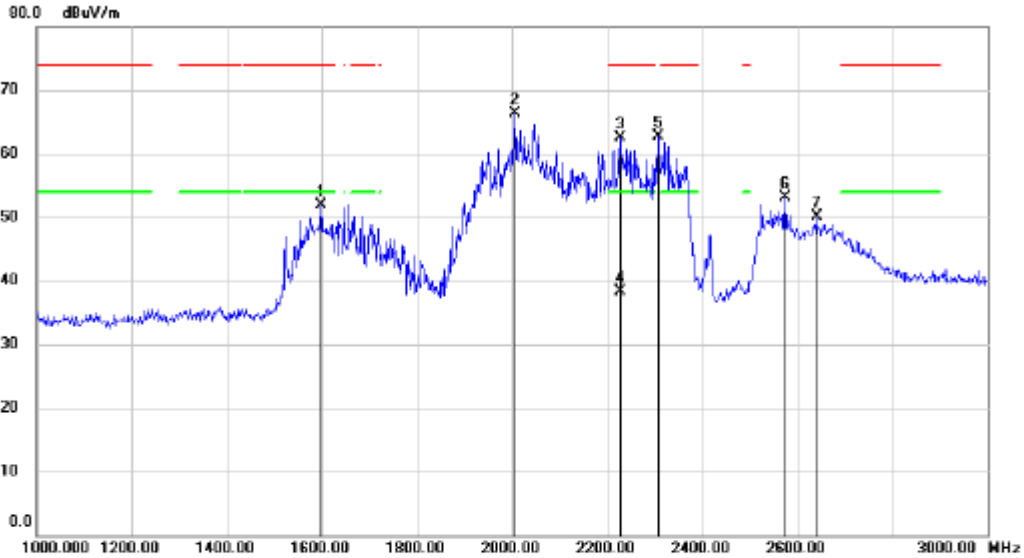
Note: All the antennas had been tested, but only the worst data record in the report.



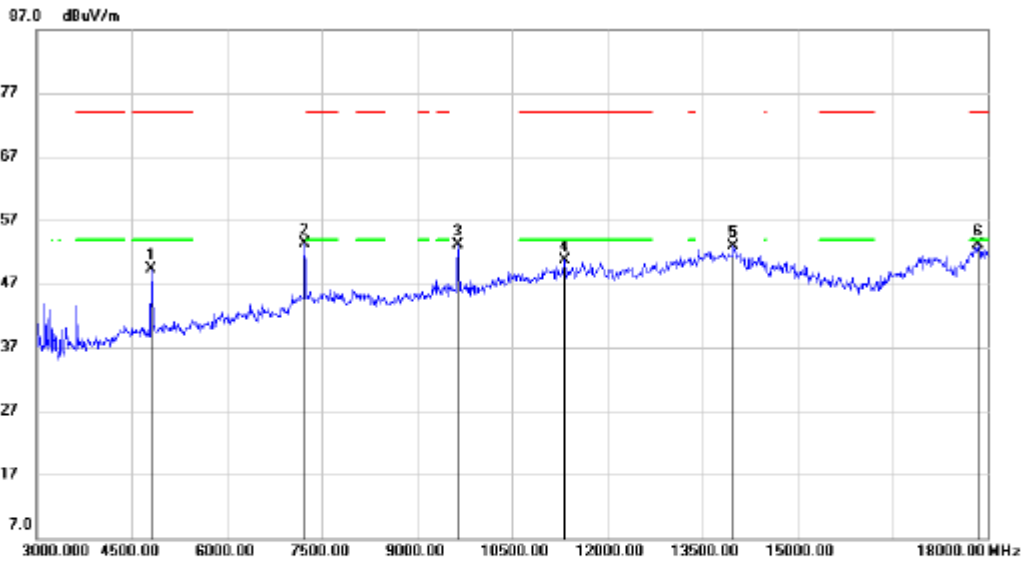
8.2.2. 802.11g MODE

MIMO Mode (WORST-CASE CONFIGURATION)

HARMONICS AND SPURIOUS EMISSIONS (CHANNEL1, HORIZONTAL)



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	1598.000	64.02	-12.07	51.95	74.00	-22.05	peak			
2	2006.000	76.81	-10.58	66.23			peak			
3 *	2228.000	70.36	-7.91	62.45	74.00	-11.55	peak			
4	2228.000	46.18	-7.91	38.27	54.00	-15.73	AVG	186	120	
5	2308.000	70.21	-7.46	62.75			peak			
6	2574.000	61.24	-8.23	53.01			peak			
7	2640.000	57.98	-7.91	50.07			peak			

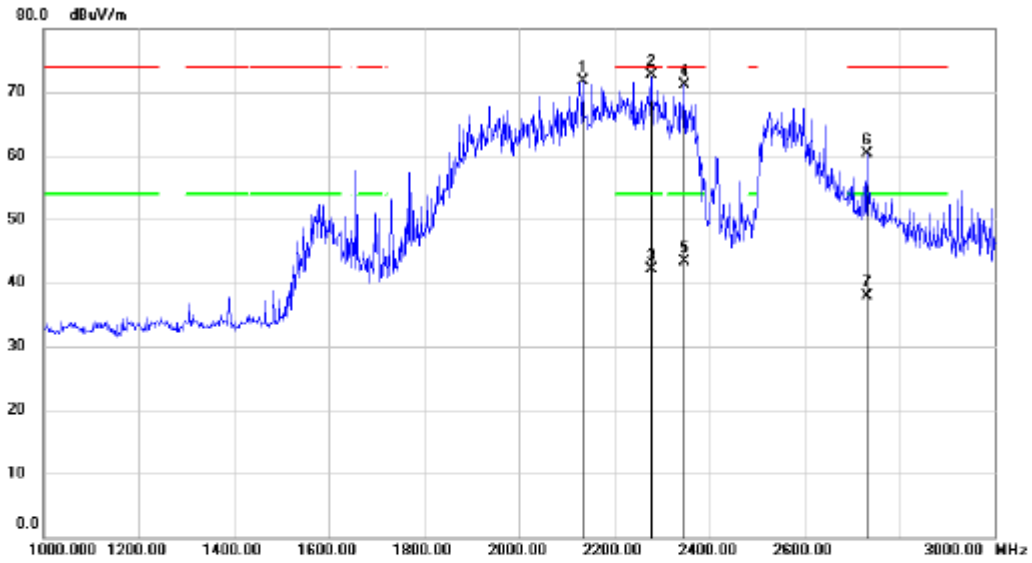


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4800.000	49.85	-0.56	49.29	74.00	-24.71			peak
2		7230.000	45.47	7.81	53.28					peak
3		9645.000	41.88	11.24	53.12					peak
4		11325.000	35.55	15.25	50.80	74.00	-23.20			peak
5		13995.000	32.19	20.62	52.81					peak
6	*	17850.000	26.60	26.49	53.09	74.00	-20.91			peak

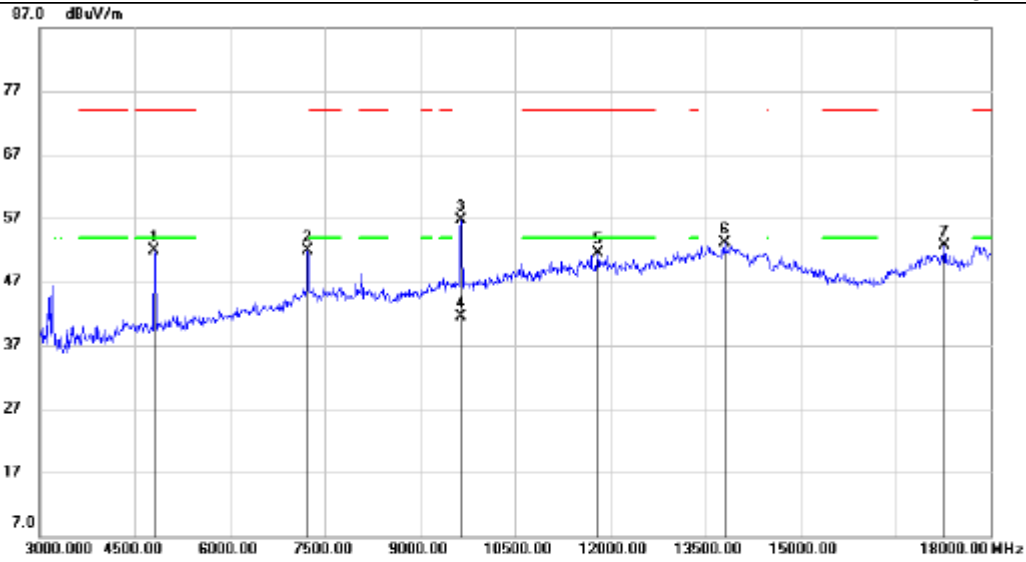
- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL1, VERTICAL)



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	2134.000	80.97	-9.23	71.74			peak			
2 *	2278.000	80.13	-7.37	72.76	74.00	-1.24	peak			
3	2278.000	49.47	-7.37	42.10	54.00	-11.90	AVG	200	86	
4	2348.000	78.68	-7.64	71.04	74.00	-2.96	peak			
5	2348.000	51.00	-7.64	43.36	54.00	-10.64	AVG	200	86	
6	2732.000	67.74	-7.42	60.32	74.00	-13.68	peak			
7	2732.000	45.32	-7.42	37.90	54.00	-16.10	AVG	200	100	

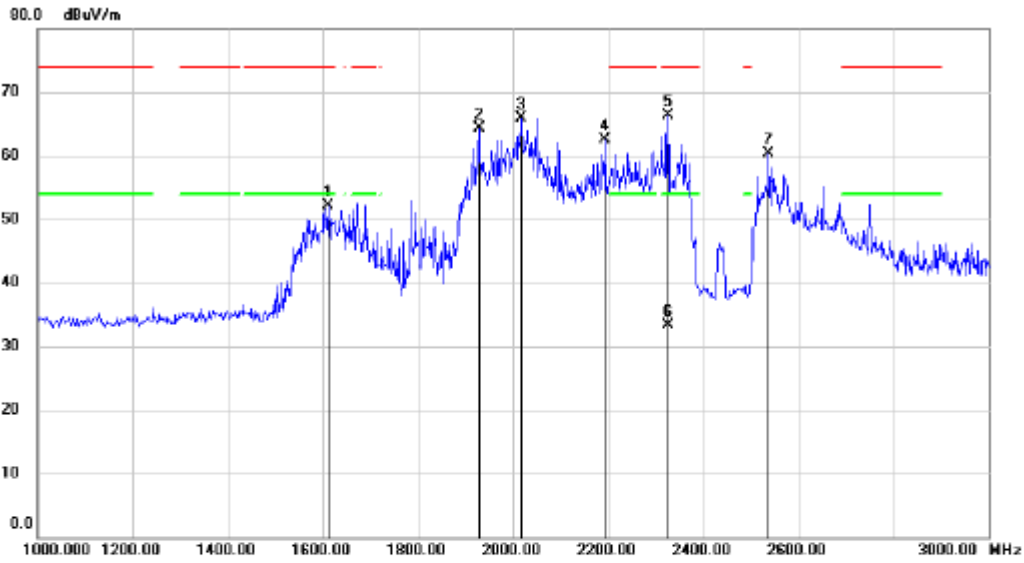


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	4815.000	52.28	-0.31	51.97	74.00	-22.03	peak			
2		7230.000	44.13	7.79	51.92			peak			
3		9649.835	45.43	11.34	56.77			peak			
4		9649.835	30.12	11.34	41.46			AVG	200	118	
5		11805.00	34.99	16.55	51.54	74.00	-22.46	peak			
6		13800.00	31.85	21.21	53.06			peak			
7		17265.00	29.47	23.17	52.64			peak			

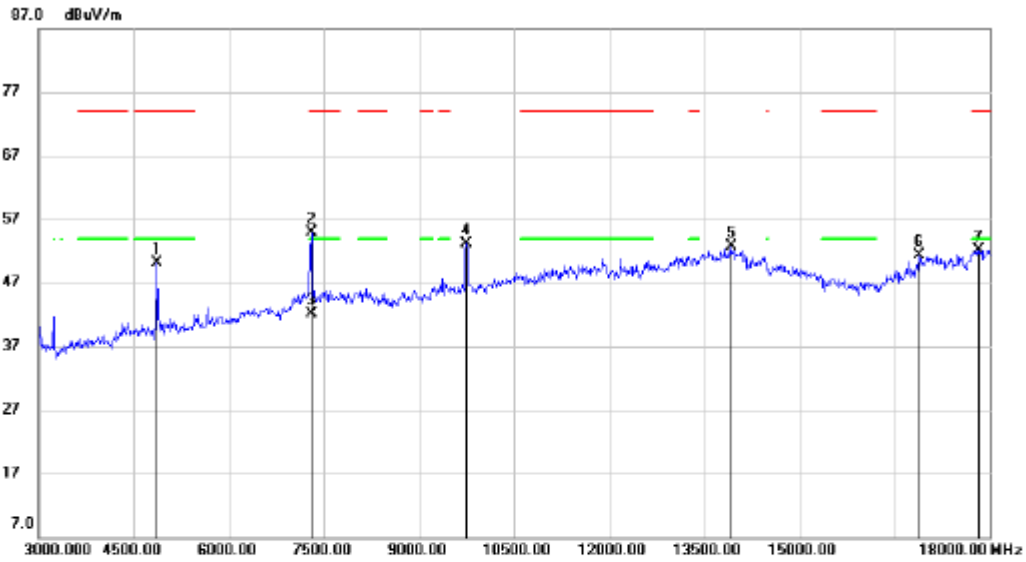
- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL6, HORIZONTAL)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		1612.000	64.00	-11.98	52.02	74.00	-21.98			peak
2		1928.000	75.03	-10.70	64.33					peak
3		2018.000	76.42	-10.47	65.95					peak
4		2194.000	70.87	-8.36	62.51					peak
5	*	2326.000	73.94	-7.59	66.35	74.00	-7.65			peak
6		2326.000	40.92	-7.59	33.33	54.00	-20.67	150	68	AVG
7		2538.000	68.71	-8.36	60.35					peak

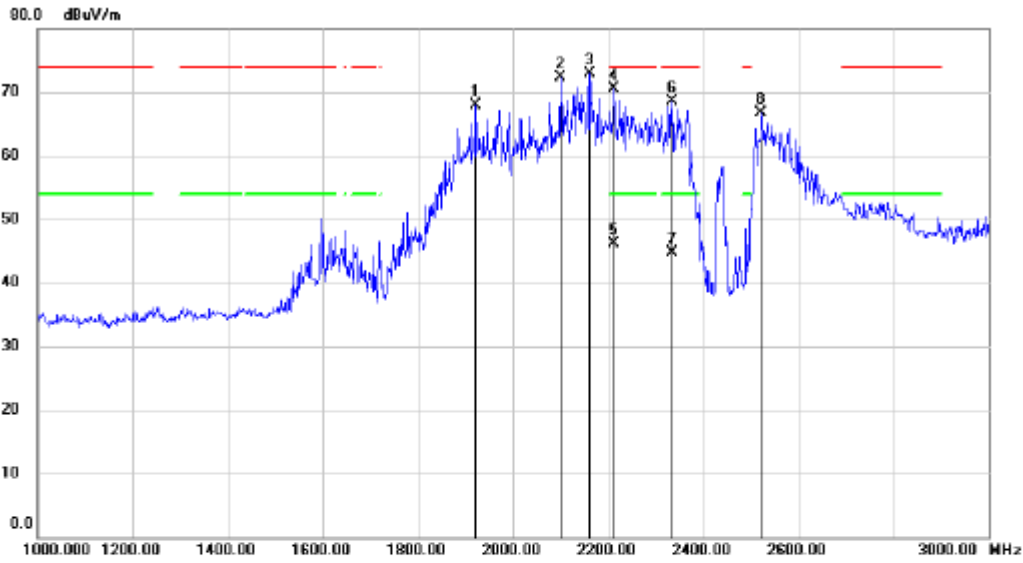


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	4875.000	49.73	0.38	50.11	74.00	-23.89	peak			
2	7305.000	47.13	7.80	54.93	74.00	-19.07	peak			
3 *	7305.000	34.39	7.80	42.19	54.00	-11.81	AVG	154	43	
4	9750.000	41.61	11.57	53.18			peak			
5	13920.00	31.96	20.67	52.63			peak			
6	16890.00	30.32	20.93	51.25			peak			
7	17820.00	25.56	26.48	52.04	74.00	-21.96	peak			

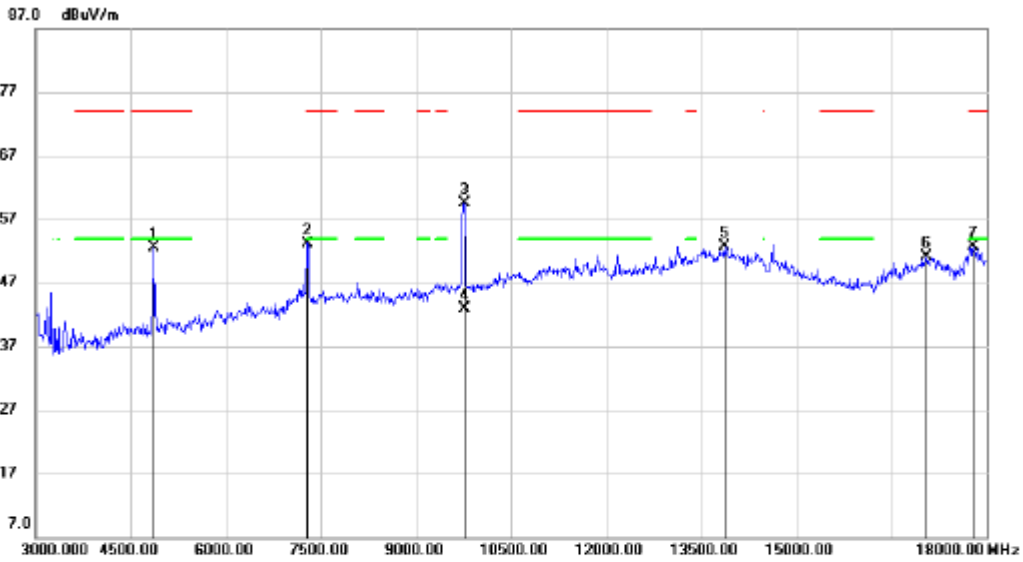
- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL6, VERTICAL)



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	1922.000	78.64	-10.82	67.82			peak			
2	2100.000	81.98	-9.67	72.31			peak			
3	2160.000	81.69	-8.88	72.81			peak			
4 *	2212.000	78.55	-8.12	70.43	74.00	-3.57	peak			
5	2212.000	54.22	-8.12	46.10	54.00	-7.90	AVG	200	86	
6	2334.000	76.03	-7.50	68.53	74.00	-5.47	peak			
7	2334.000	52.25	-7.50	44.75	54.00	-9.25	AVG	200	86	
8	2522.000	74.99	-8.28	66.71			peak			

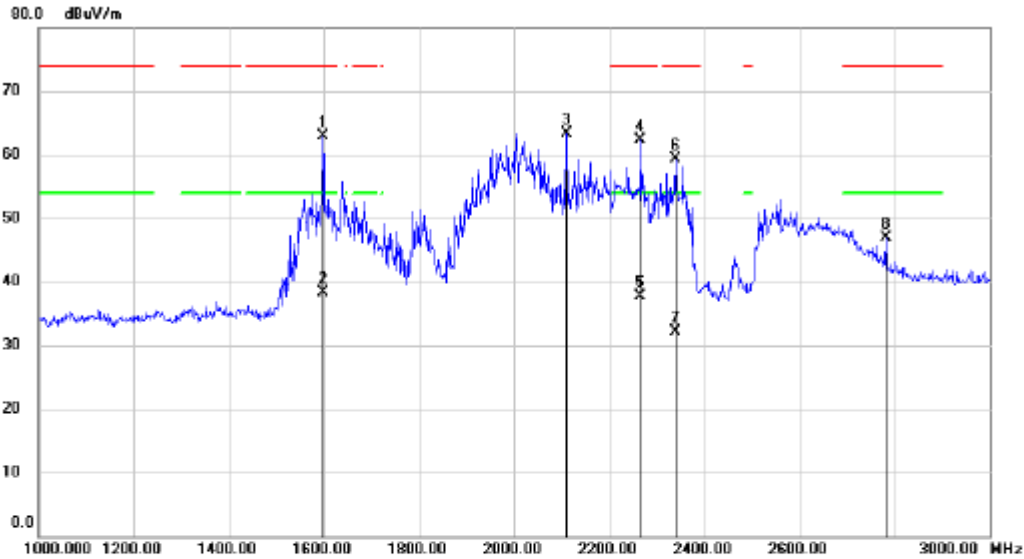


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	4860.000	52.27	0.18	52.45	74.00	-21.55	peak			
2 *	7290.000	45.36	7.84	53.20	74.00	-20.80	peak			
3	9765.000	47.80	11.74	59.54			peak			
4	9765.000	31.23	11.74	42.97			AVG	200	118	
5	13860.00	31.78	20.92	52.70			peak			
6	17055.00	28.35	22.68	51.03			peak			
7	17790.00	26.01	26.76	52.77	74.00	-21.23	peak			

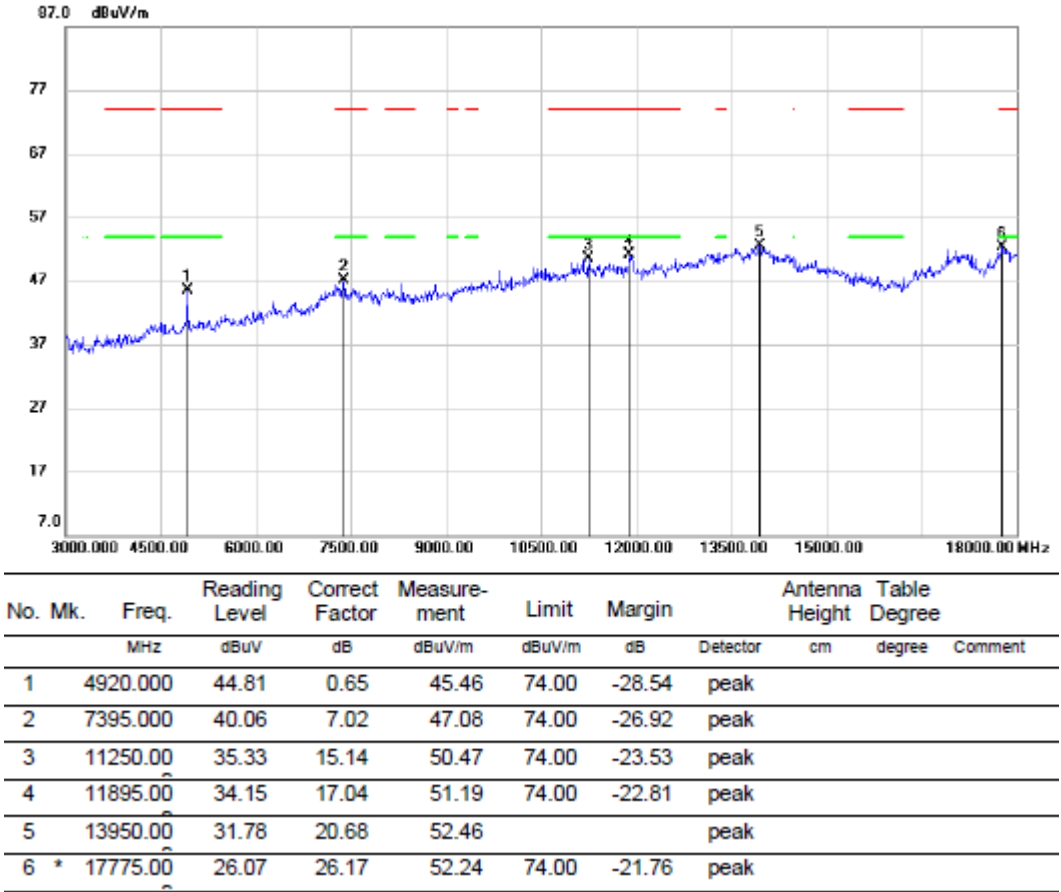
- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL11, HORIZONTAL)



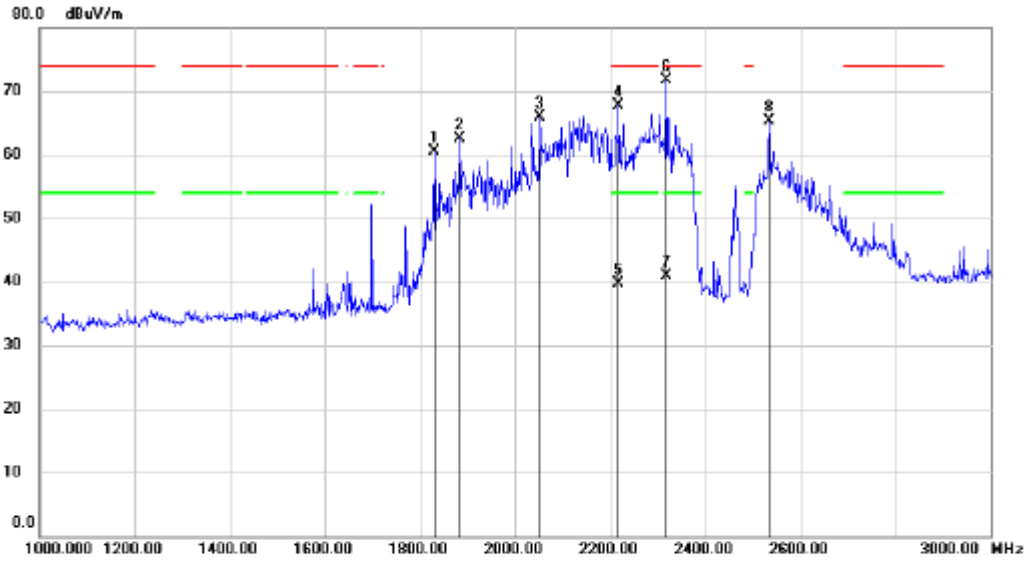
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1	*	1598.000	74.91	-12.07	62.84	74.00	-11.16			peak
2		1598.000	50.33	-12.07	38.26	54.00	-15.74	150	78	AVG
3		2110.000	72.71	-9.44	63.27					peak
4		2266.000	69.84	-7.53	62.31	74.00	-11.69			peak
5		2266.000	45.21	-7.53	37.68	54.00	-16.32	150	98	AVG
6		2340.000	67.00	-7.68	59.32	74.00	-14.68			peak
7		2340.000	39.71	-7.68	32.03	54.00	-21.97	150	95	AVG
8		2782.000	53.99	-7.06	46.93	74.00	-27.07			peak



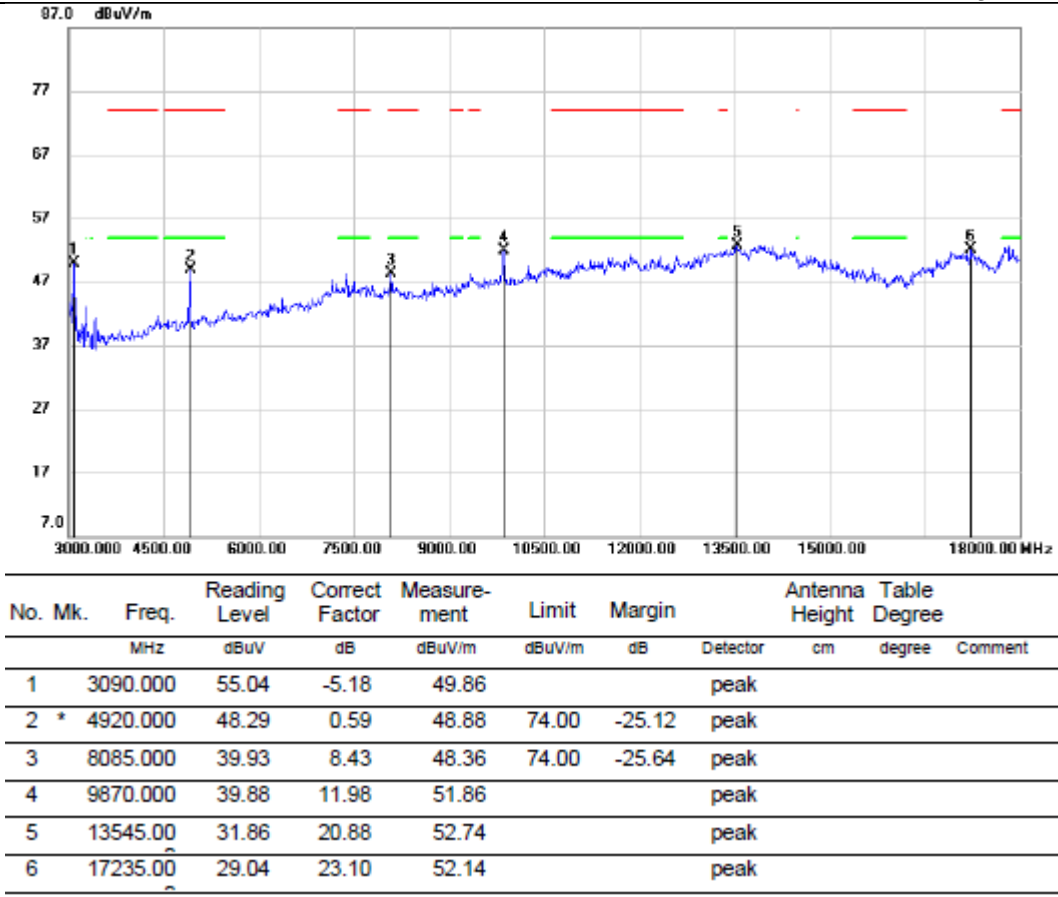
- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL11, VERTICAL)



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	1830.000	71.51	-10.98	60.53			peak			
2	1884.000	73.30	-10.86	62.44			peak			
3	2052.000	76.08	-10.27	65.81			peak			
4	2218.000	75.69	-8.04	67.65	74.00	-6.35	peak			
5	2218.000	47.67	-8.04	39.63	54.00	-14.37	AVG	200	186	
6 *	2318.000	79.03	-7.36	71.67	74.00	-2.33	peak			
7	2318.000	48.34	-7.36	40.98	54.00	-13.02	AVG	200	100	
8	2534.000	73.51	-8.27	65.24			peak			



- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.

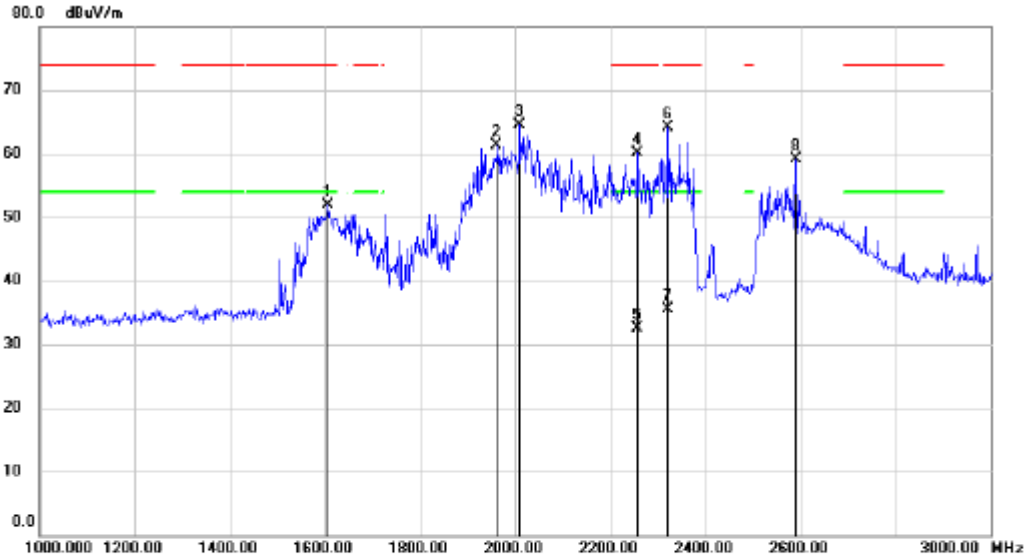
Note: All the antennas had been tested, but only the worst data record in the report.



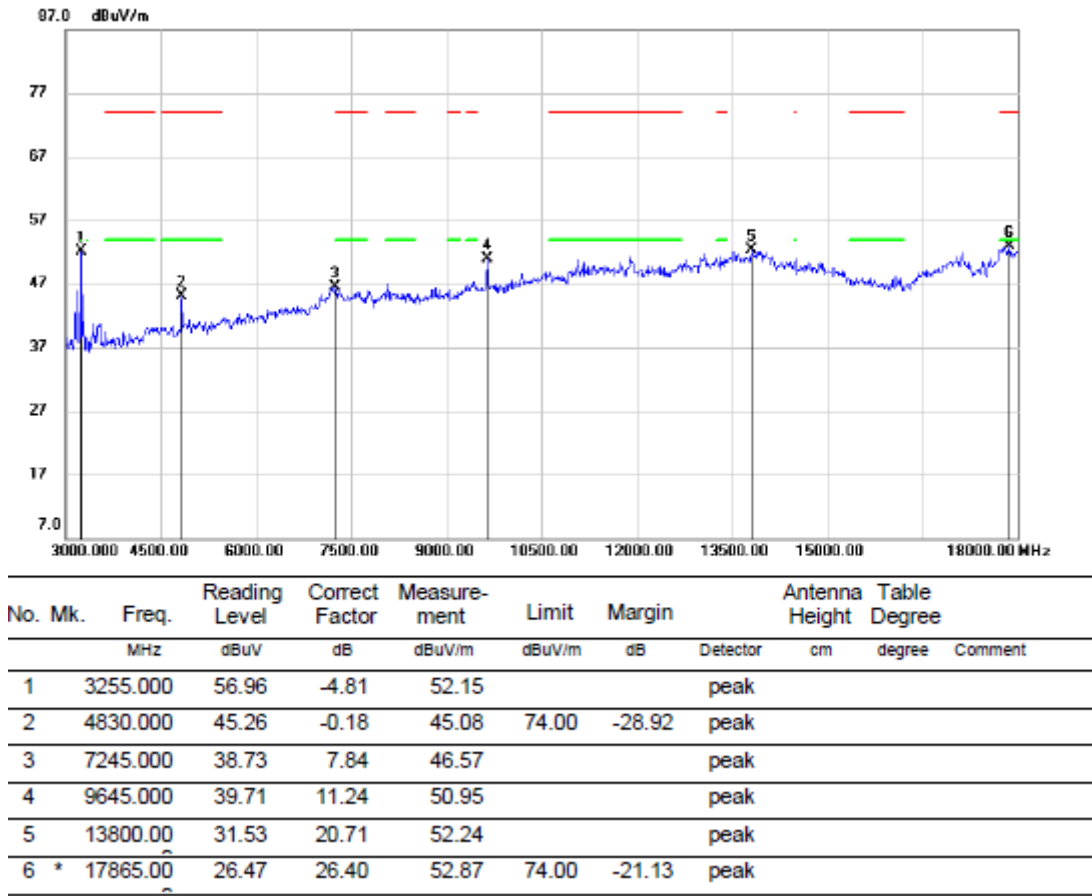
8.2.3. 802.11n20 MODE

MIMO Mode (WORST-CASE CONFIGURATION)

HARMONICS AND SPURIOUS EMISSIONS (CHANNEL1, HORIZONTAL)



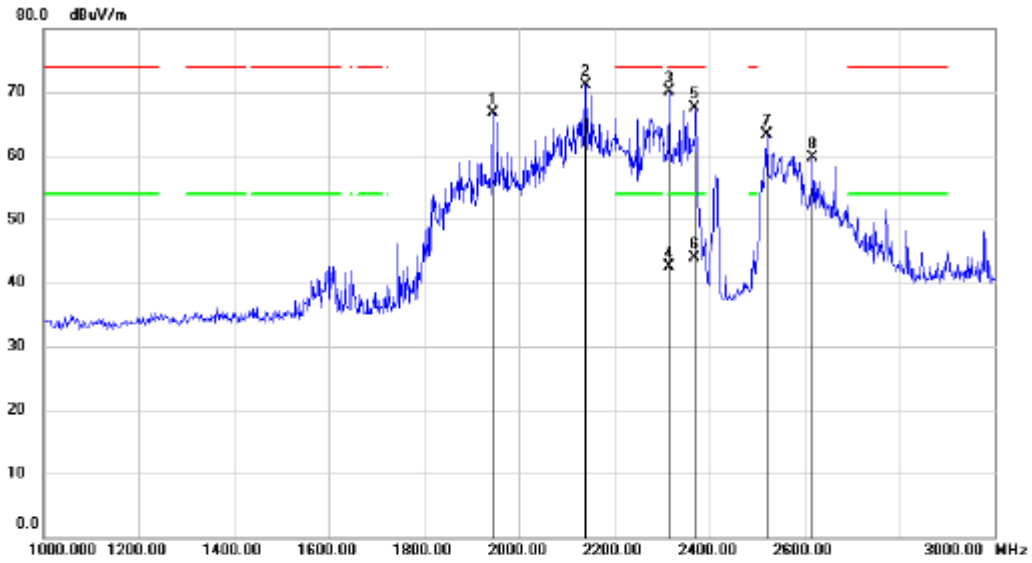
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	1606.000	63.90	-12.03	51.87	74.00	-22.13	peak			
2	1962.000	71.91	-10.68	61.23			peak			
3	2010.000	75.07	-10.54	64.53			peak			
4	2258.000	67.75	-7.57	60.18	74.00	-13.82	peak			
5	2258.000	40.17	-7.57	32.60	54.00	-21.40	AVG	150	78	
6 *	2322.000	71.68	-7.56	64.12	74.00	-9.88	peak			
7	2322.000	43.06	-7.56	35.50	54.00	-18.50	AVG	150	76	
8	2590.000	67.21	-8.15	59.06			peak			



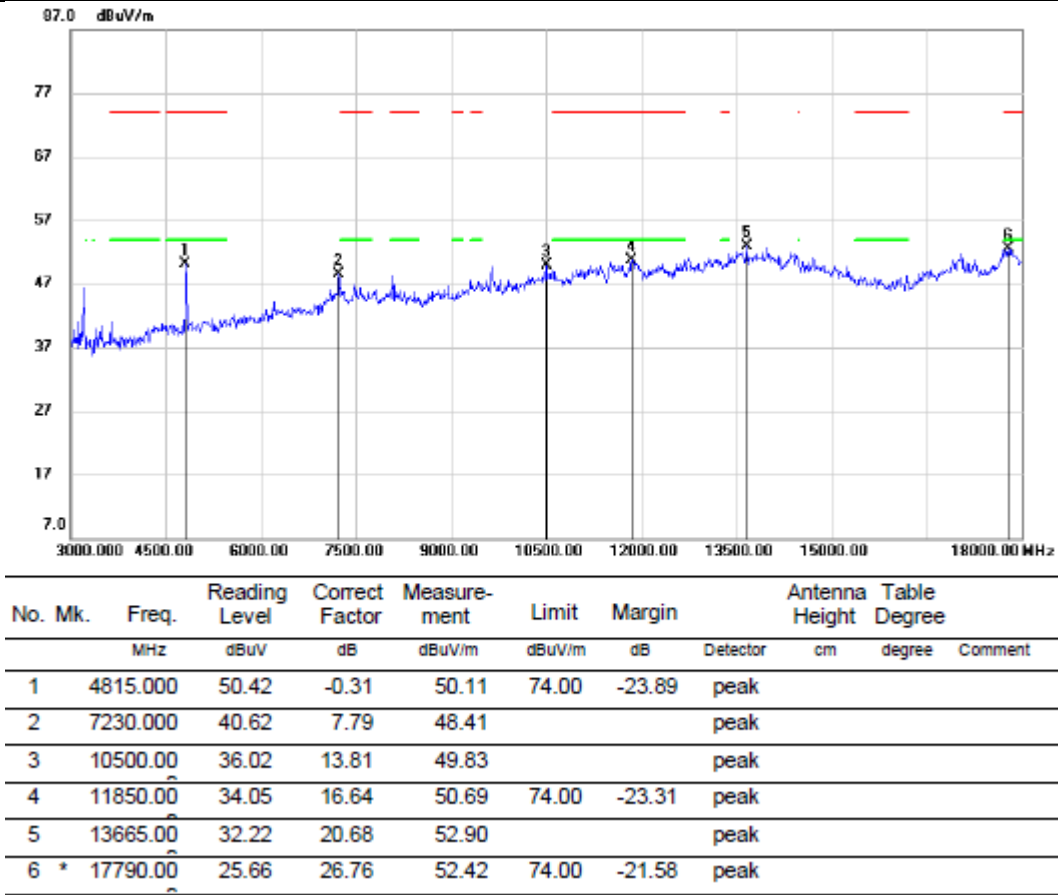
- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL1, VERTICAL)



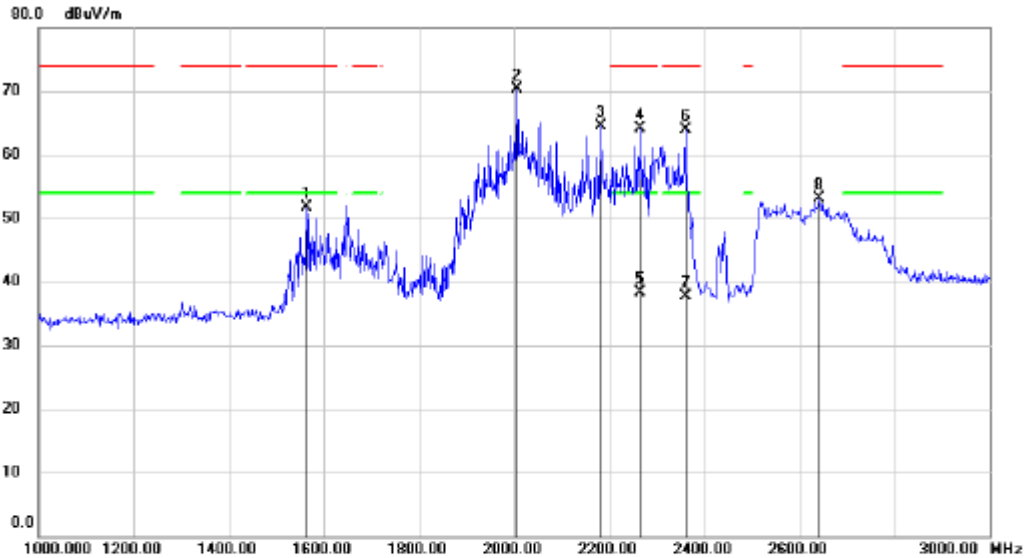
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	1944.000	77.45	-10.79	66.66			peak			
2	2140.000	80.34	-9.16	71.18			peak			
3 *	2316.000	77.50	-7.34	70.16	74.00	-3.84	peak			
4	2316.000	49.91	-7.34	42.57	54.00	-11.43	AVG	200	92	
5	2370.000	75.38	-7.79	67.59	74.00	-6.41	peak			
6	2370.000	51.65	-7.79	43.86	54.00	-10.14	AVG	200	92	
7	2522.000	71.64	-8.28	63.36			peak			
8	2618.000	67.80	-8.05	59.75			peak			



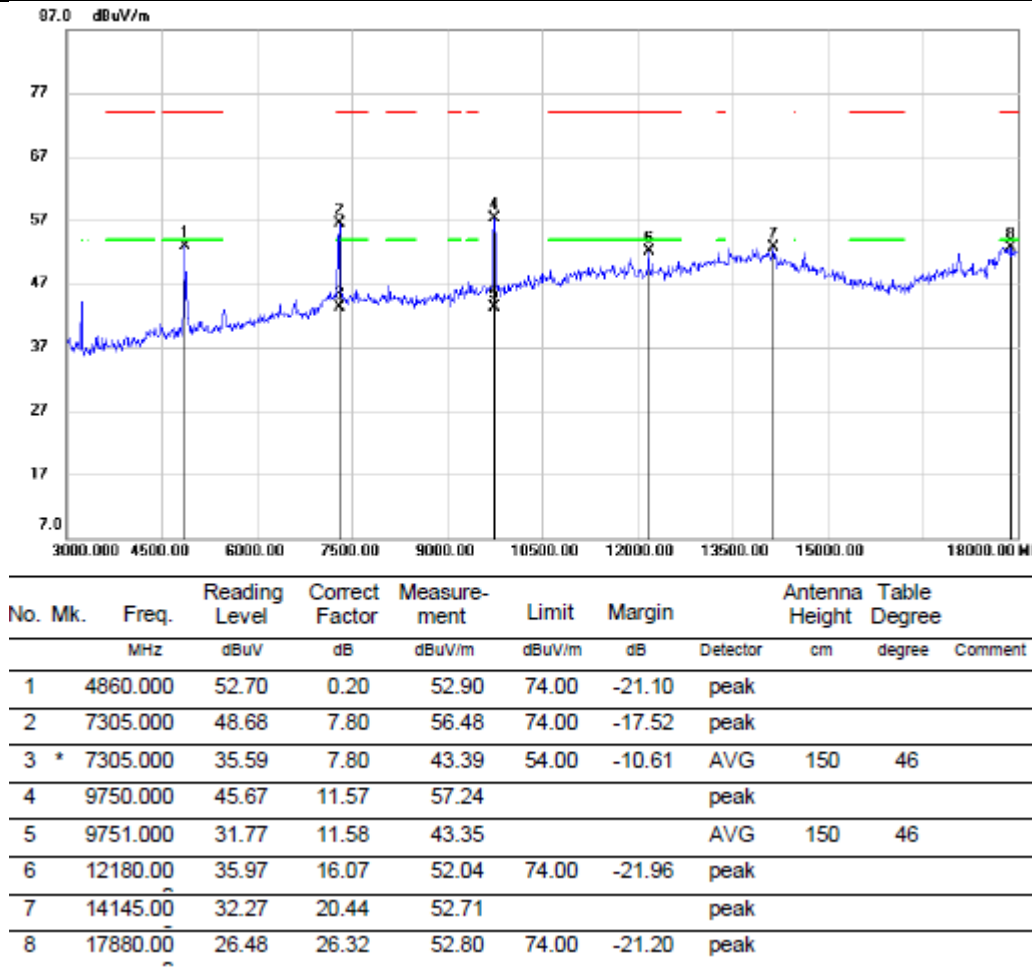
- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL6, HORIZONTAL)



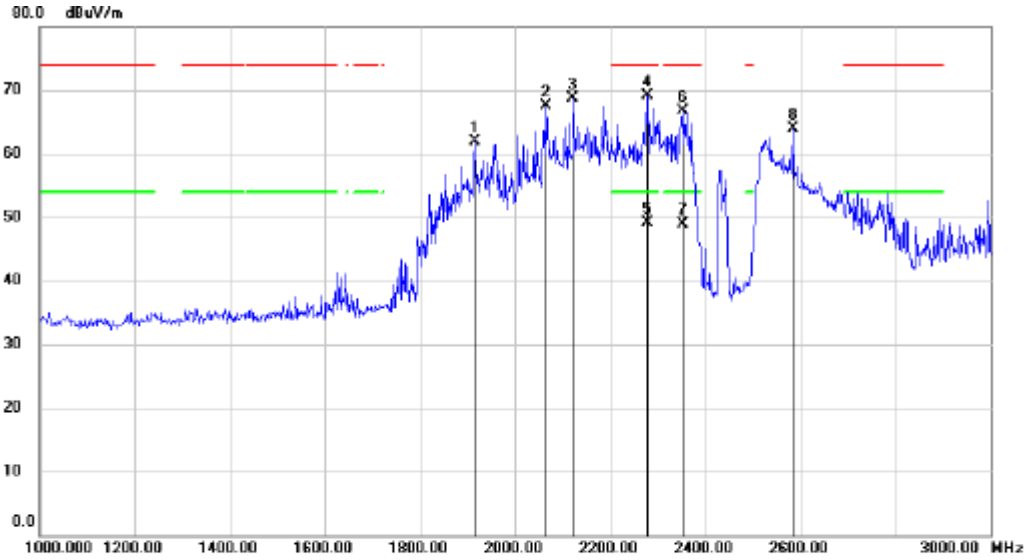
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		1564.000	63.96	-12.28	51.68	74.00	-22.32	peak			
2		2006.000	80.91	-10.58	70.33			peak			
3		2182.000	73.13	-8.53	64.60			peak			
4	*	2264.000	71.66	-7.54	64.12	74.00	-9.88	peak			
5		2264.000	45.79	-7.54	38.25	54.00	-15.75	AVG	150	68	
6		2360.000	71.64	-7.82	63.82	74.00	-10.18	peak			
7		2360.000	45.58	-7.82	37.76	54.00	-16.24	AVG	150	72	
8		2640.000	61.00	-7.91	53.09			peak			



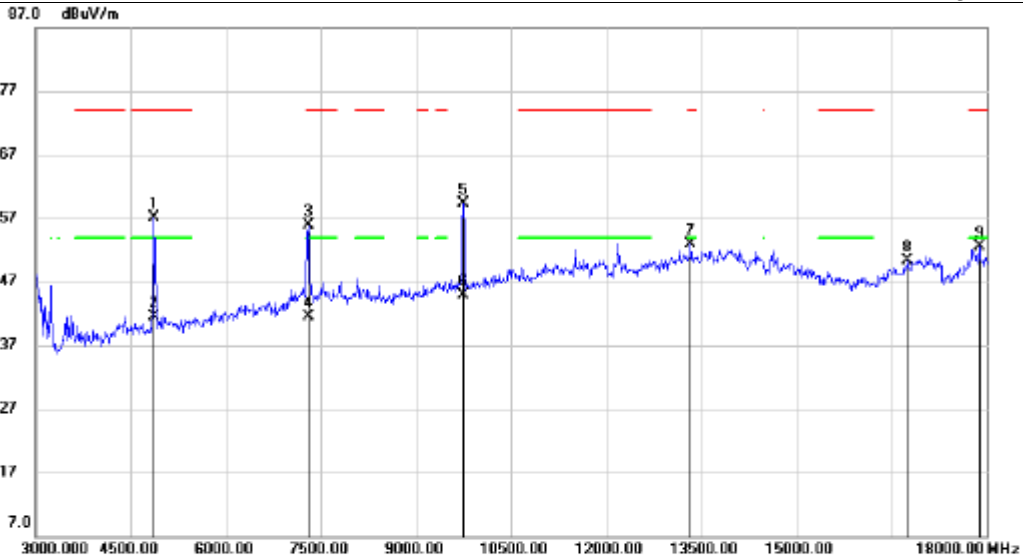
- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL6, VERTICAL)



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	1916.000	72.72	-10.82	61.90			peak			
2	2066.000	77.56	-10.10	67.46			peak			
3	2122.000	78.02	-9.39	68.63			peak			
4 *	2278.000	76.56	-7.37	69.19	74.00	-4.81	peak			
5	2278.000	56.47	-7.37	49.10	54.00	-4.90	AVG	200	90	
6	2352.000	74.30	-7.66	66.64	74.00	-7.36	peak			
7	2352.000	56.51	-7.66	48.85	54.00	-5.15	AVG	200	82	
8	2586.000	72.14	-8.16	63.98			peak			

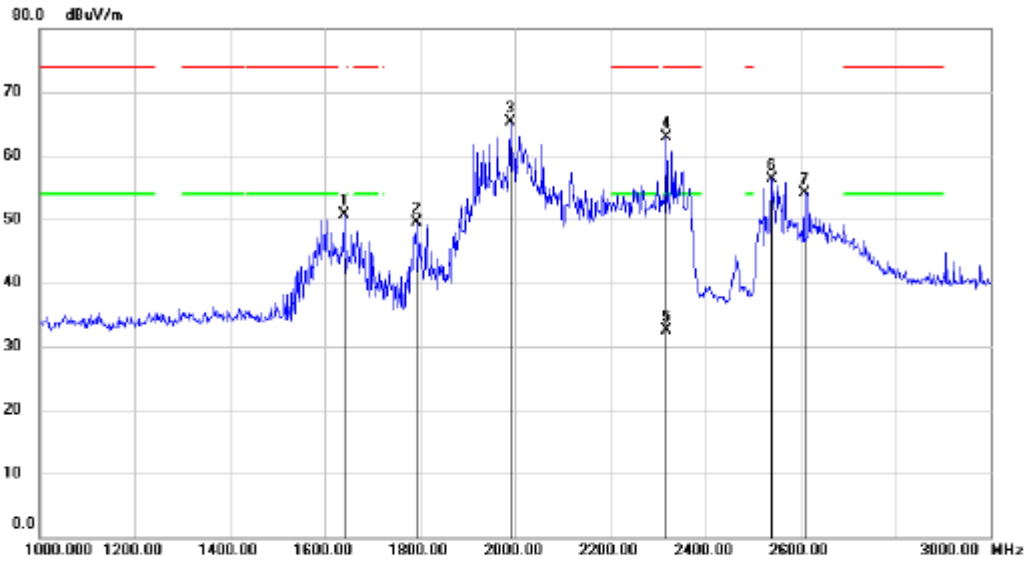


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		4860.000	56.86	0.18	57.04	74.00	-16.96	peak			
2		4860.000	41.40	0.18	41.58	54.00	-12.42	AVG	200	121	
3		7305.000	48.00	7.81	55.81	74.00	-18.19	peak			
4	*	7305.000	33.78	7.81	41.59	54.00	-12.41	AVG	200	113	
5		9750.000	47.55	11.67	59.22			peak			
6		9750.000	33.17	11.67	44.84			AVG	200	113	
7		13335.000	33.32	19.54	52.86	74.00	-21.14	peak			
8		16755.000	29.57	20.70	50.27			peak			
9		17880.000	26.11	26.34	52.45	74.00	-21.55	peak			

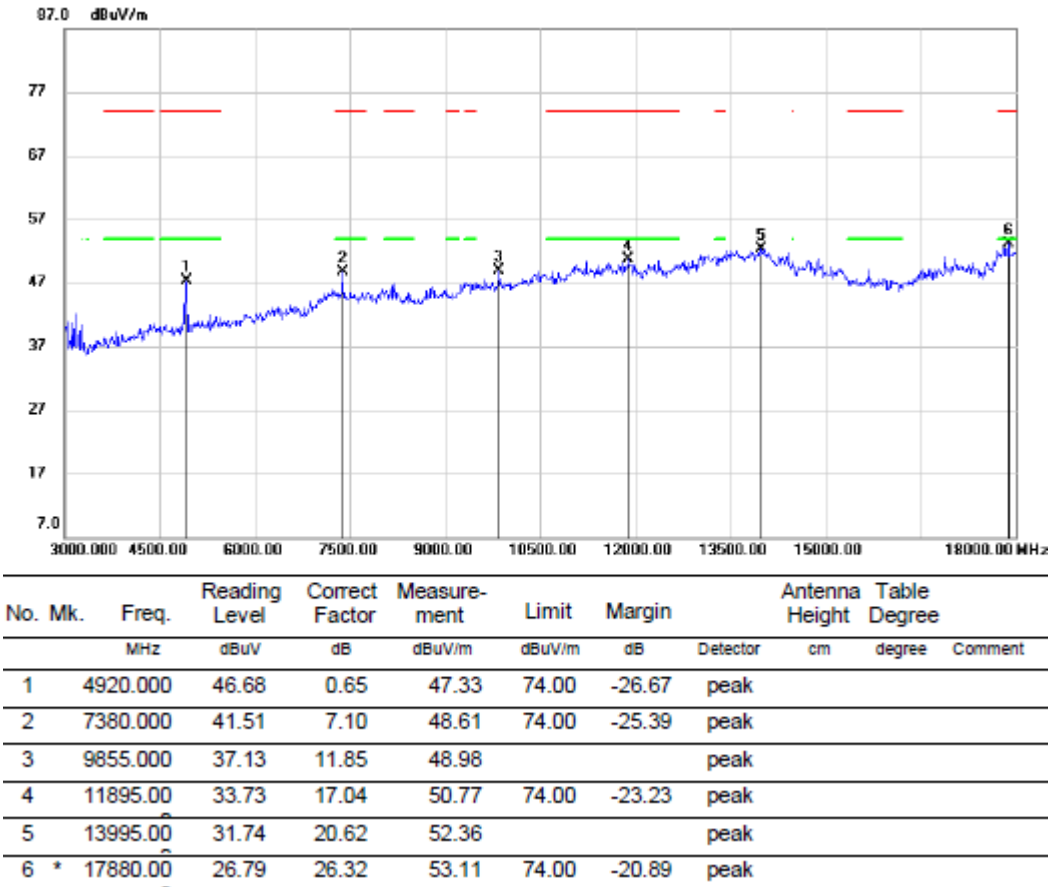
- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL11, HORIZONTAL)



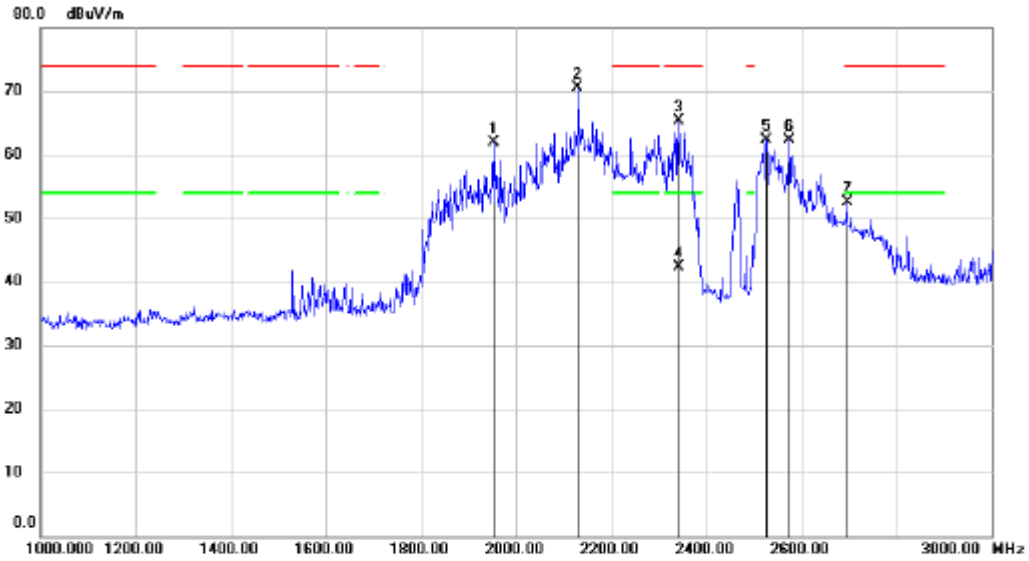
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	1640.000	62.57	-11.80	50.77			peak			
2	1792.000	60.72	-11.16	49.56			peak			
3	1990.000	76.00	-10.64	65.36			peak			
4 *	2318.000	70.47	-7.52	62.95	74.00	-11.05	peak			
5	2318.000	40.06	-7.52	32.54	54.00	-21.46	AVG	150	78	
6	2540.000	64.61	-8.36	56.25			peak			
7	2608.000	62.25	-8.08	54.17			peak			



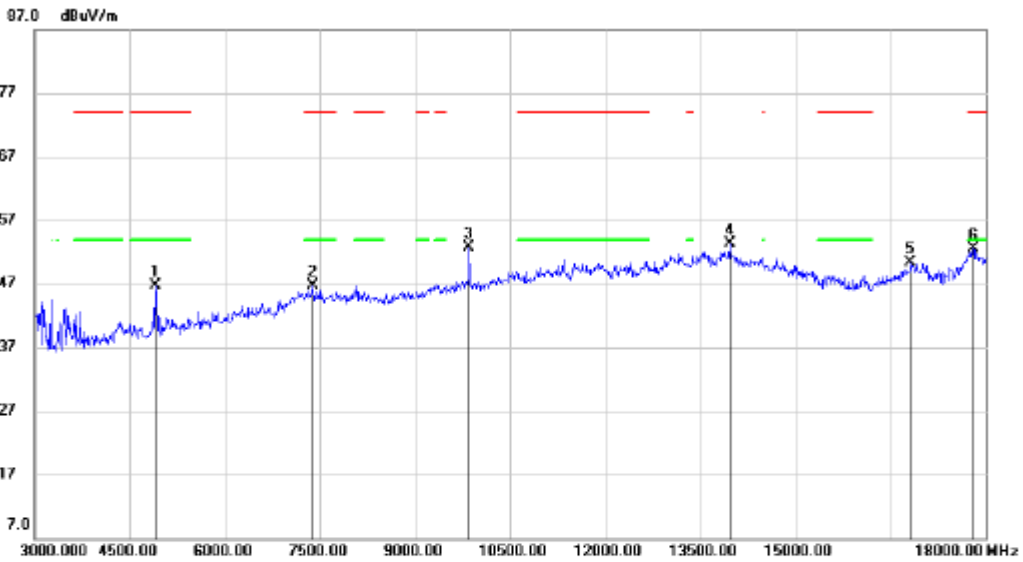
- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL11, VERTICAL)



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		1952.000	72.67	-10.78	61.89			peak			
2		2130.000	79.70	-9.28	70.42			peak			
3	*	2342.000	72.85	-7.58	65.27	74.00	-8.73	peak			
4		2342.000	49.96	-7.58	42.38	54.00	-11.62	AVG	200	92	
5		2526.000	70.55	-8.28	62.27			peak			
6		2574.000	70.55	-8.18	62.37			peak			
7		2696.000	60.12	-7.62	52.50	74.00	-21.50	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		4905.000	46.17	0.59	46.76	74.00	-27.24			peak
2		7380.000	39.56	7.14	46.70	74.00	-27.30			peak
3		9855.000	40.66	11.97	52.63					peak
4		13965.00	32.57	20.76	53.33					peak
5		16815.00	29.53	20.74	50.27					peak
6	*	17805.00	25.80	26.80	52.60	74.00	-21.40			peak

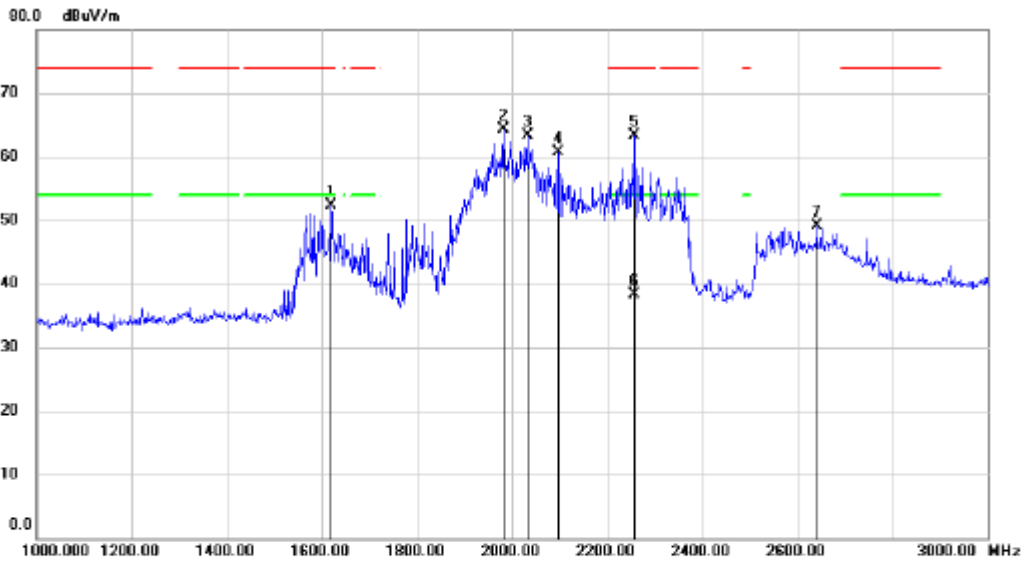
- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



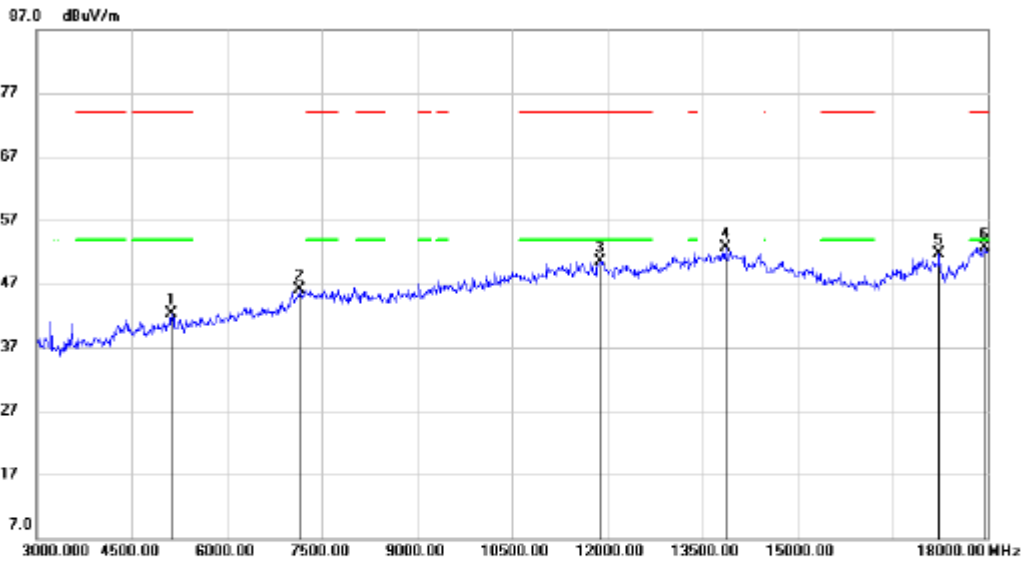
8.2.4. 802.11n40 MODE

MIMO Mode (WORST-CASE CONFIGURATION)

HARMONICS AND SPURIOUS EMISSIONS (CHANNEL3, HORIZONTAL)



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		1620.000	64.16	-11.93	52.23	74.00	-21.77	peak			
2		1982.000	75.02	-10.66	64.36			peak			
3		2032.000	73.57	-10.35	63.22			peak			
4		2096.000	70.29	-9.62	60.67			peak			
5	*	2258.000	70.91	-7.57	63.34	74.00	-10.66	peak			
6		2258.000	45.83	-7.57	38.26	54.00	-15.74	AVG	200	96	
7		2640.000	56.93	-7.91	49.02			peak			

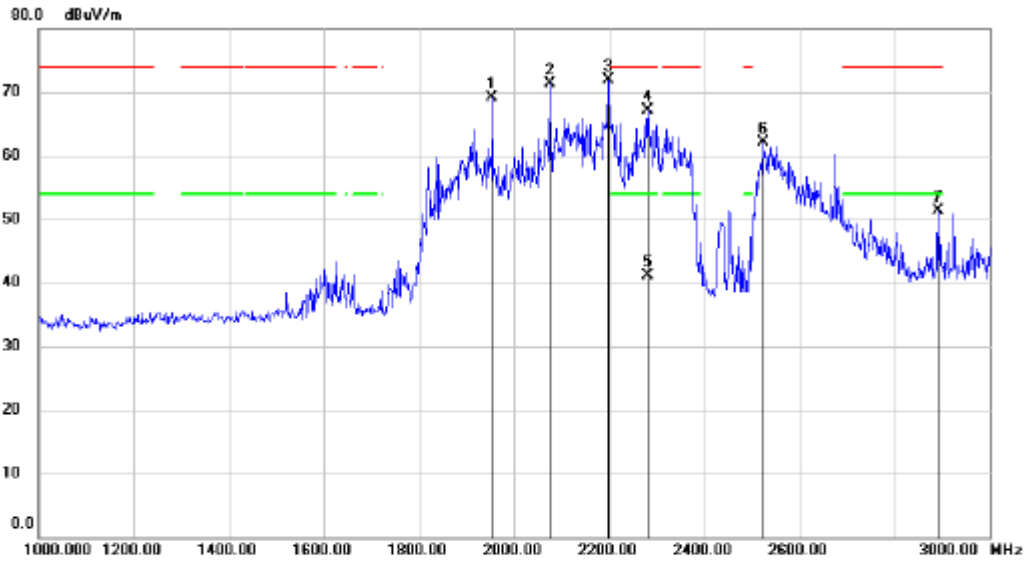


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Table Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		5130.000	41.21	1.11	42.32	74.00	-31.68			peak
2		7155.000	38.41	7.70	46.11					peak
3		11895.00	33.53	17.04	50.57	74.00	-23.43			peak
4		13860.00	32.00	20.72	52.72					peak
5		17235.00	28.92	22.72	51.64					peak
6	*	17940.00	25.87	26.86	52.73	74.00	-21.27			peak

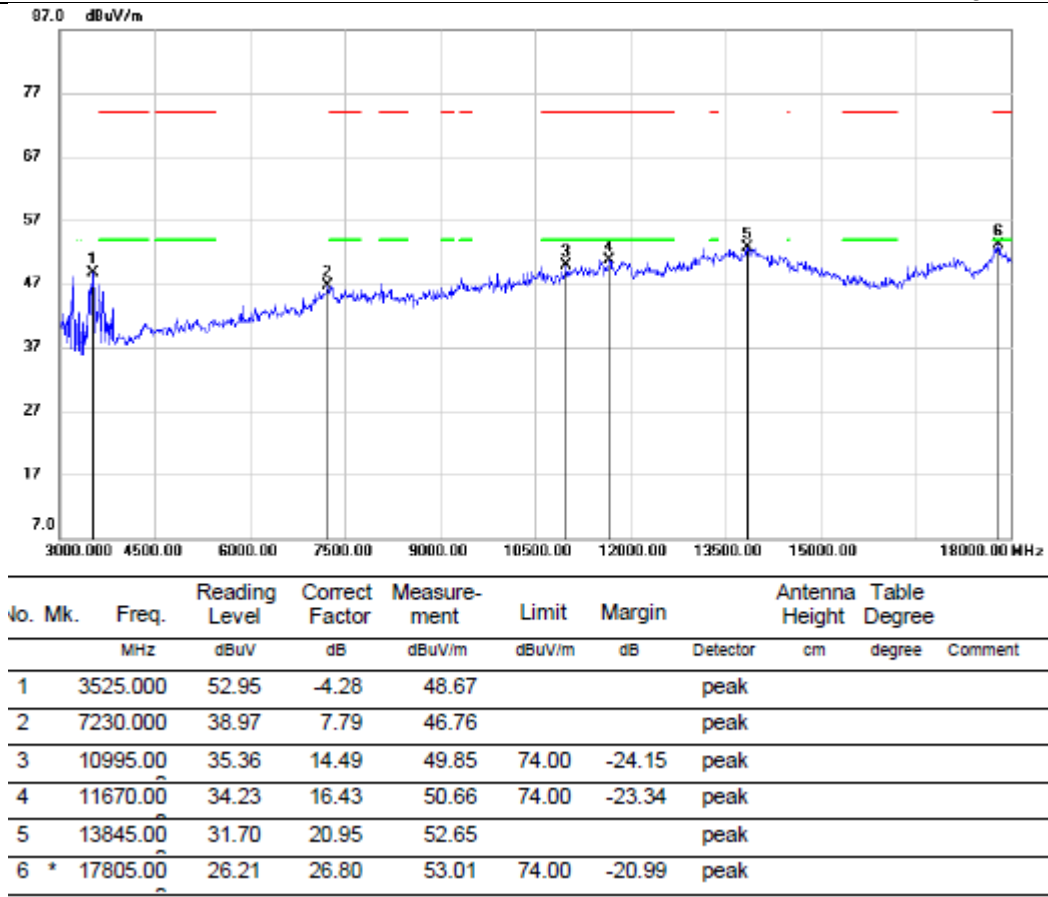
- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL3, VERTICAL)



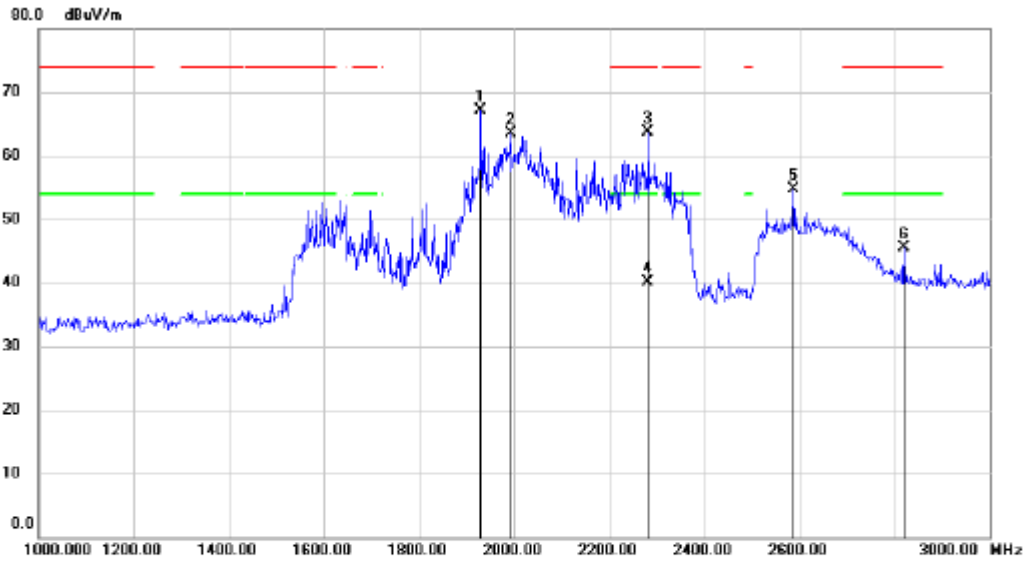
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		1954.000	79.79	-10.77	69.02					peak
2		2076.000	81.30	-9.97	71.33					peak
3		2198.000	80.13	-8.32	71.81					peak
4	*	2282.000	74.45	-7.35	67.10	74.00	-6.90			peak
5		2282.000	48.41	-7.35	41.06	54.00	-12.94	200	100	AVG
6		2524.000	70.43	-8.28	62.15					peak
7		2892.000	57.81	-6.55	51.26	74.00	-22.74			peak



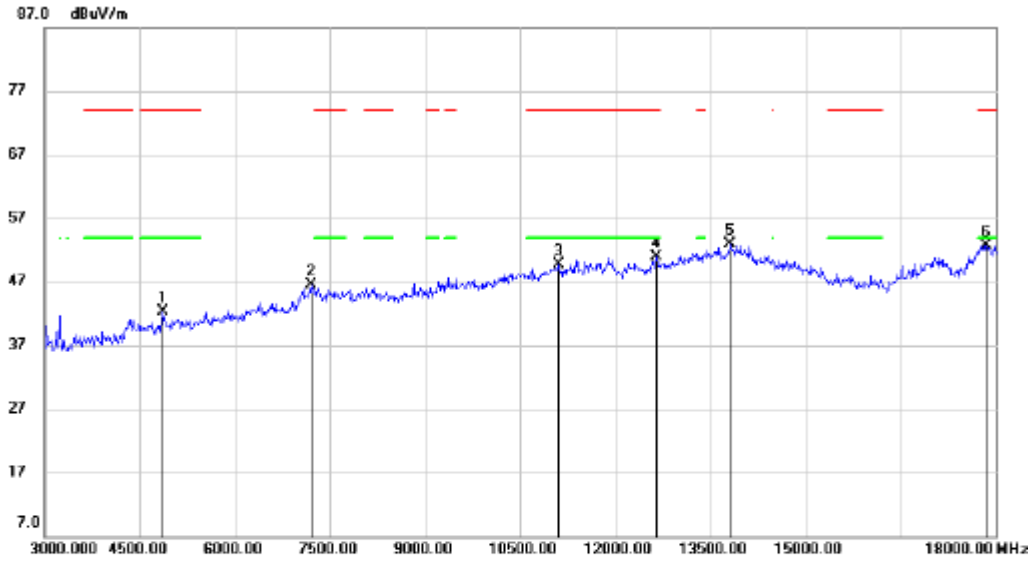
- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL6, HORIZONTAL)



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	1930.000	77.72	-10.70	67.02			peak			
2	1992.000	74.18	-10.64	63.54			peak			
3 *	2282.000	71.20	-7.47	63.73	74.00	-10.27	peak			
4	2282.000	47.57	-7.47	40.10	54.00	-13.90	AVG	200	93	
5	2588.000	62.94	-8.17	54.77			peak			
6	2820.000	52.35	-6.85	45.50	74.00	-28.50	peak			

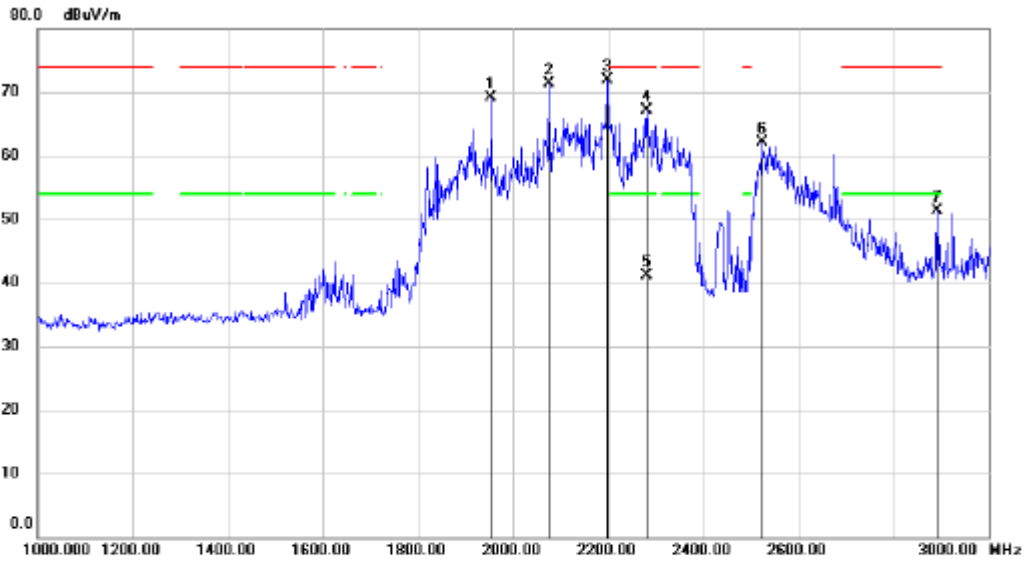


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		4875.000	42.00	0.38	42.38	74.00	-31.62			peak
2		7200.000	38.68	7.75	46.43					peak
3		11100.00	34.72	14.99	49.71	74.00	-24.29			peak
4		12645.00	33.63	17.22	50.85	74.00	-23.15			peak
5		13815.00	32.10	20.71	52.81					peak
6	*	17850.00	26.23	26.49	52.72	74.00	-21.28			peak

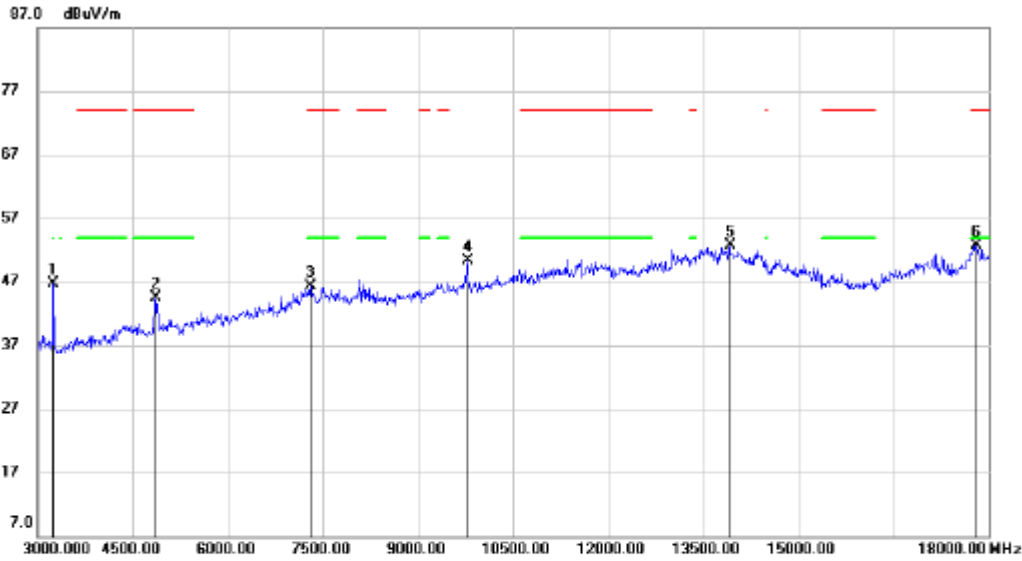
- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL6, VERTICAL)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		1954.000	79.79	-10.77	69.02					peak
2		2076.000	81.30	-9.97	71.33					peak
3		2198.000	80.13	-8.32	71.81					peak
4	*	2282.000	74.45	-7.35	67.10	74.00	-6.90			peak
5		2282.000	48.41	-7.35	41.06	54.00	-12.94	200	100	AVG
6		2524.000	70.43	-8.28	62.15					peak
7		2892.000	57.81	-6.55	51.26	74.00	-22.74			peak

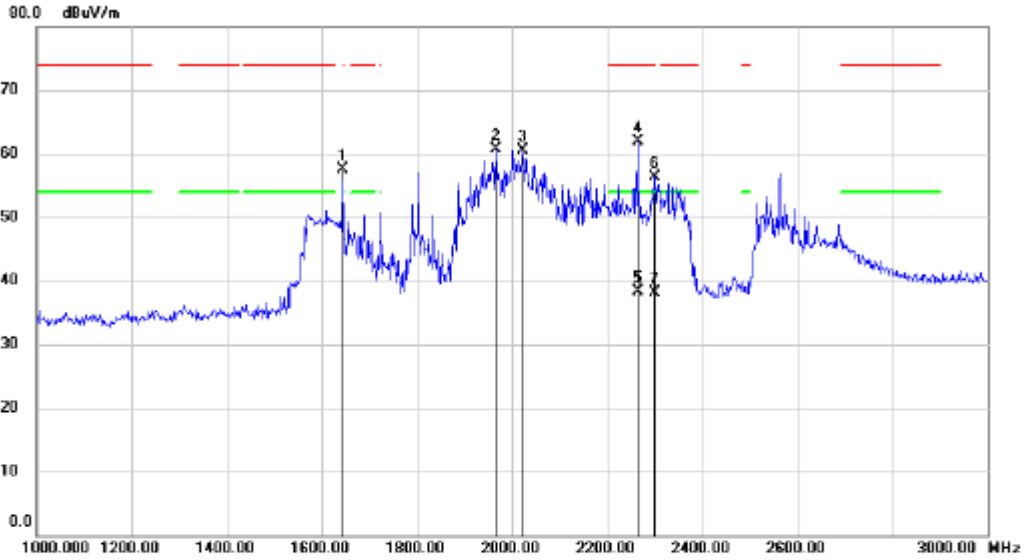


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1	3255.000	51.49	-4.72	46.77					peak
2	4875.000	44.18	0.33	44.51	74.00	-29.49			peak
3	7305.000	38.58	7.81	46.39	74.00	-27.61			peak
4	9780.000	38.44	11.80	50.24					peak
5	13920.00	31.84	20.83	52.67					peak
6 *	17805.00	25.96	26.80	52.76	74.00	-21.24			peak

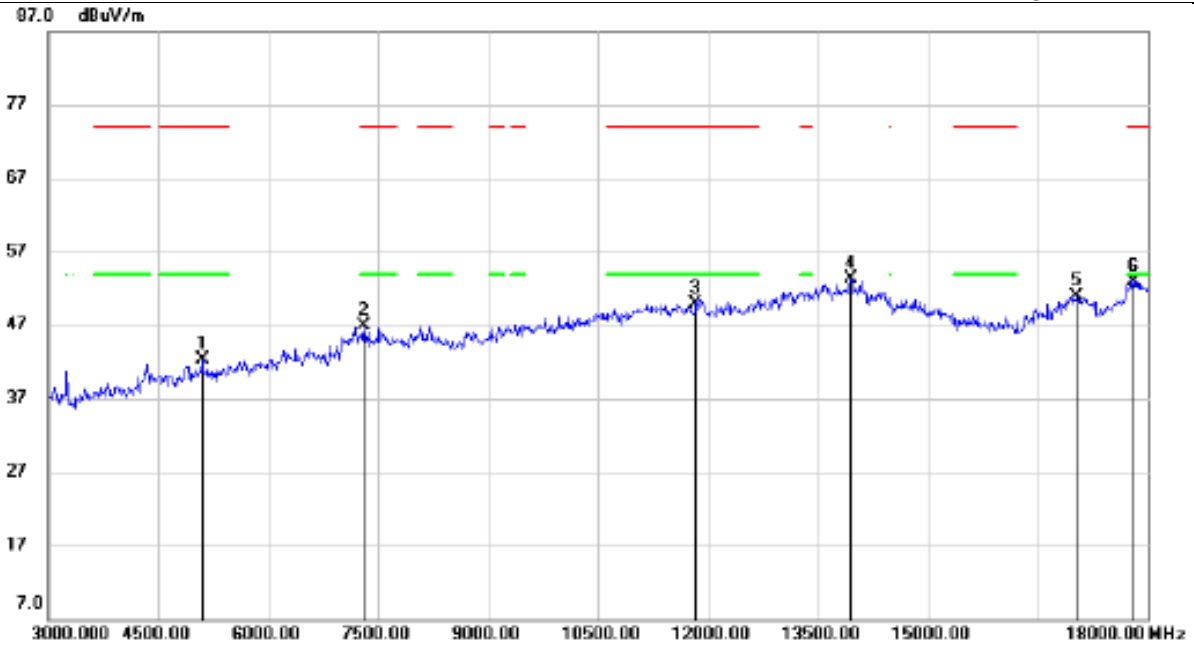
- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL9, HORIZONTAL)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		1644.000	69.27	-11.77	57.50					peak
2		1966.000	71.29	-10.67	60.62					peak
3		2022.000	71.00	-10.44	60.56					peak
4	*	2264.000	69.47	-7.54	61.93	74.00	-12.07			peak
5		2264.000	45.80	-7.54	38.26	54.00	-15.74	200	68	AVG
6		2300.000	63.62	-7.40	56.22	74.00	-17.78			peak
7		2300.000	45.52	-7.40	38.12	54.00	-15.88	200	85	AVG

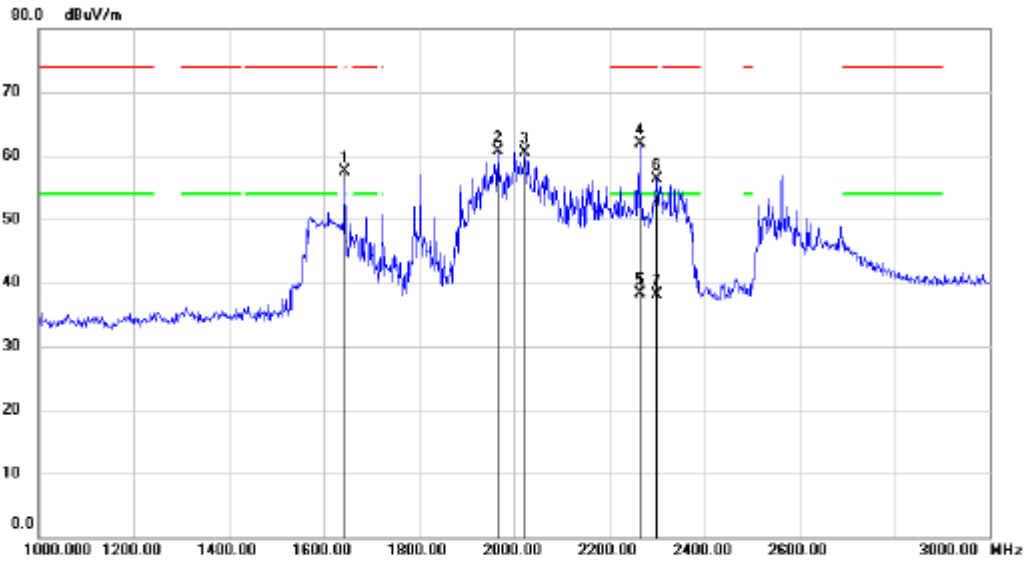


Io. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	5100.000	41.29	1.05	42.34	74.00	-31.66	peak			
2	7305.000	39.03	7.80	46.83	74.00	-27.17	peak			
3	11835.00	33.91	15.96	49.87	74.00	-24.13	peak			
4	13950.00	32.57	20.68	53.25			peak			
5	17025.00	28.90	22.03	50.93			peak			
6 *	17805.00	26.46	26.48	52.94	74.00	-21.06	peak			

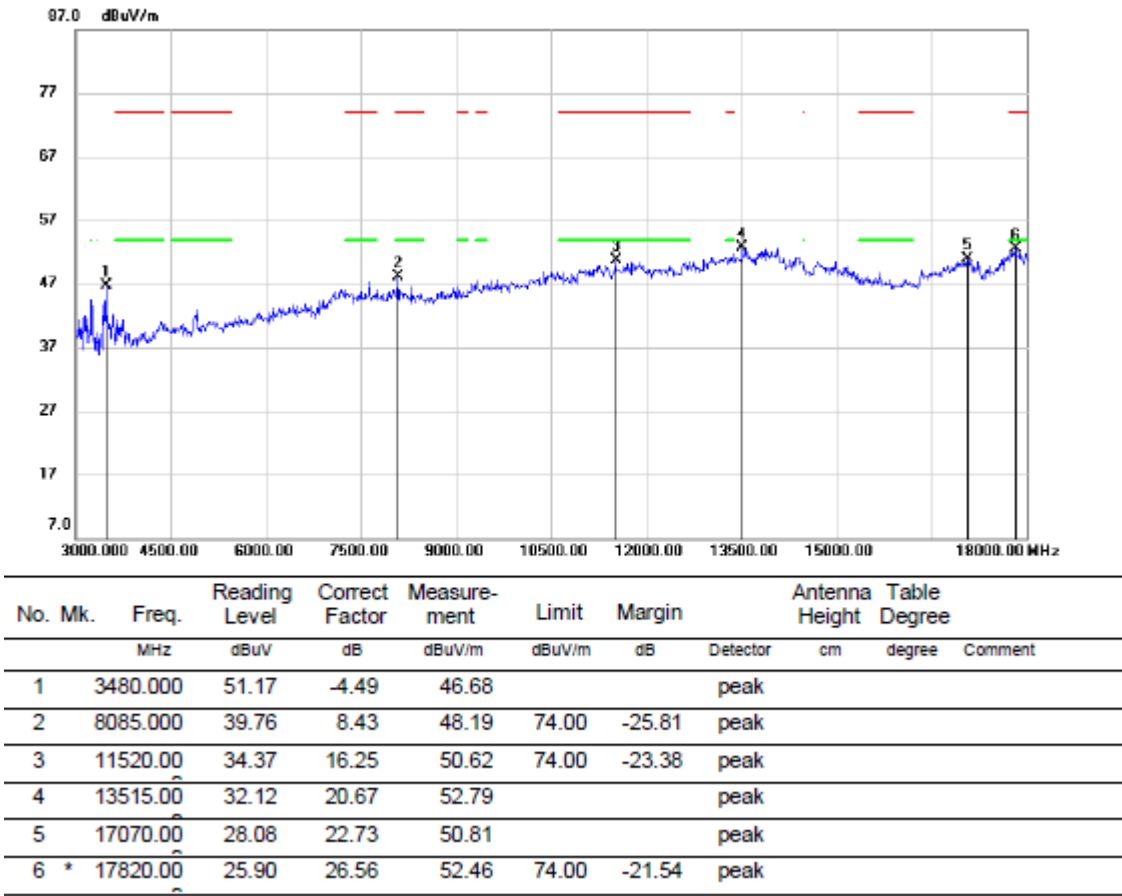
- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.



HARMONICS AND SPURIOUS EMISSIONS (CHANNEL9, VERTICAL)



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		1644.000	69.27	-11.77	57.50			peak			
2		1966.000	71.29	-10.67	60.62			peak			
3		2022.000	71.00	-10.44	60.56			peak			
4	*	2264.000	69.47	-7.54	61.93	74.00	-12.07	peak			
5		2264.000	45.80	-7.54	38.26	54.00	-15.74	AVG	200	68	
6		2300.000	63.62	-7.40	56.22	74.00	-17.78	peak			
7		2300.000	45.52	-7.40	38.12	54.00	-15.88	AVG	200	85	



- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: VBW=10Hz.
 5. For transmit duration, please refer to clause 7.1.

Note: All transmission modes and antennas were tested, but only the worst data was recorded in the report.

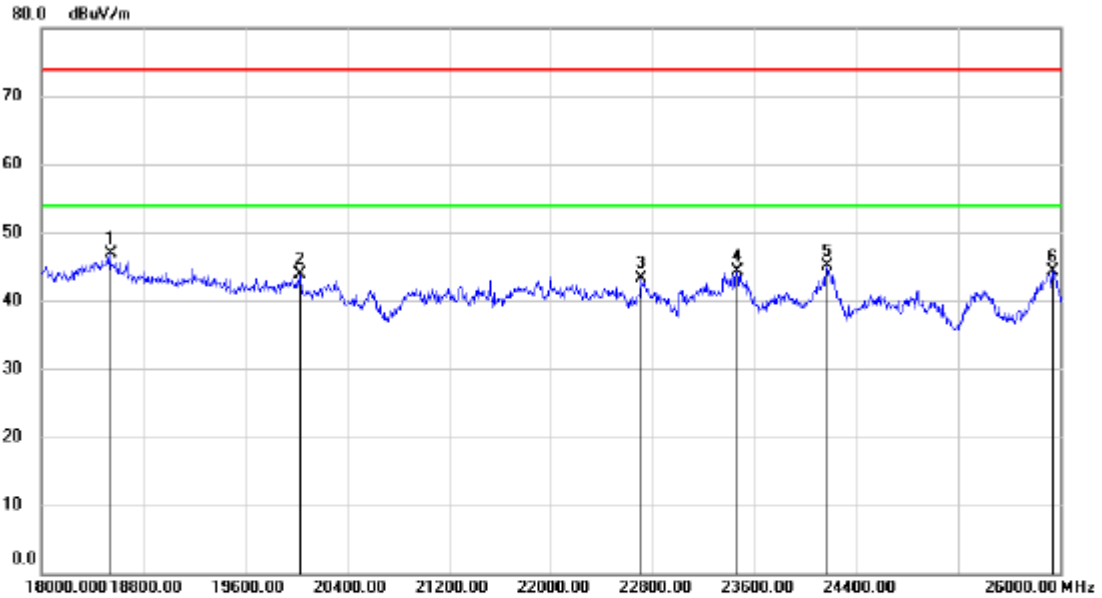


8.3. SPURIOUS EMISSIONS (18~25GHz)

8.3.1. 802.11b MODE

SPURIOUS EMISSIONS (SISO Ant 2 Mode)

MID CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)

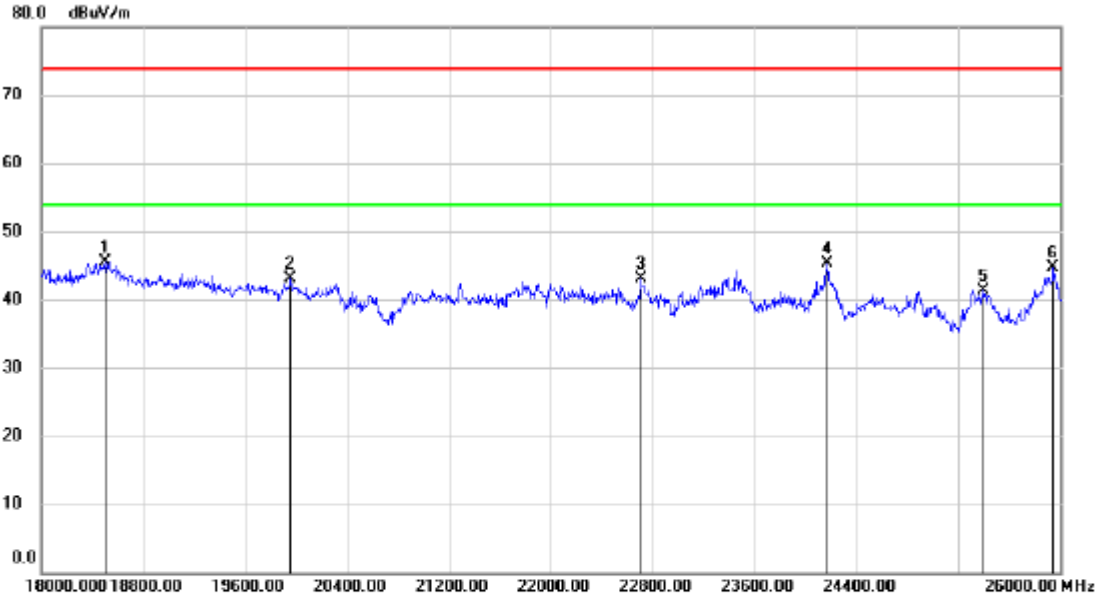


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1	*	18544.00	52.15	-5.28	46.87	74.00	-27.13			peak
2		20032.00	49.42	-5.47	43.95	74.00	-30.05			peak
3		22704.00	47.08	-3.73	43.35	74.00	-30.65			peak
4		23464.00	47.50	-3.18	44.32	74.00	-29.68			peak
5		24168.00	47.93	-2.81	45.12	74.00	-28.88			peak
6		25944.00	45.27	-0.96	44.31	74.00	-29.69			peak

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.



SPURIOUS EMISSIONS (HIGH CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	18504.00	50.75	-5.25	45.50	74.00	-28.50	peak			
2		19960.00	48.43	-5.42	43.01	74.00	-30.99	peak			
3		22704.00	46.82	-3.73	43.09	74.00	-30.91	peak			
4		24168.00	48.07	-2.81	45.26	74.00	-28.74	peak			
5		25400.00	43.14	-1.74	41.40	74.00	-32.60	peak			
6		25944.00	45.65	-0.96	44.69	74.00	-29.31	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

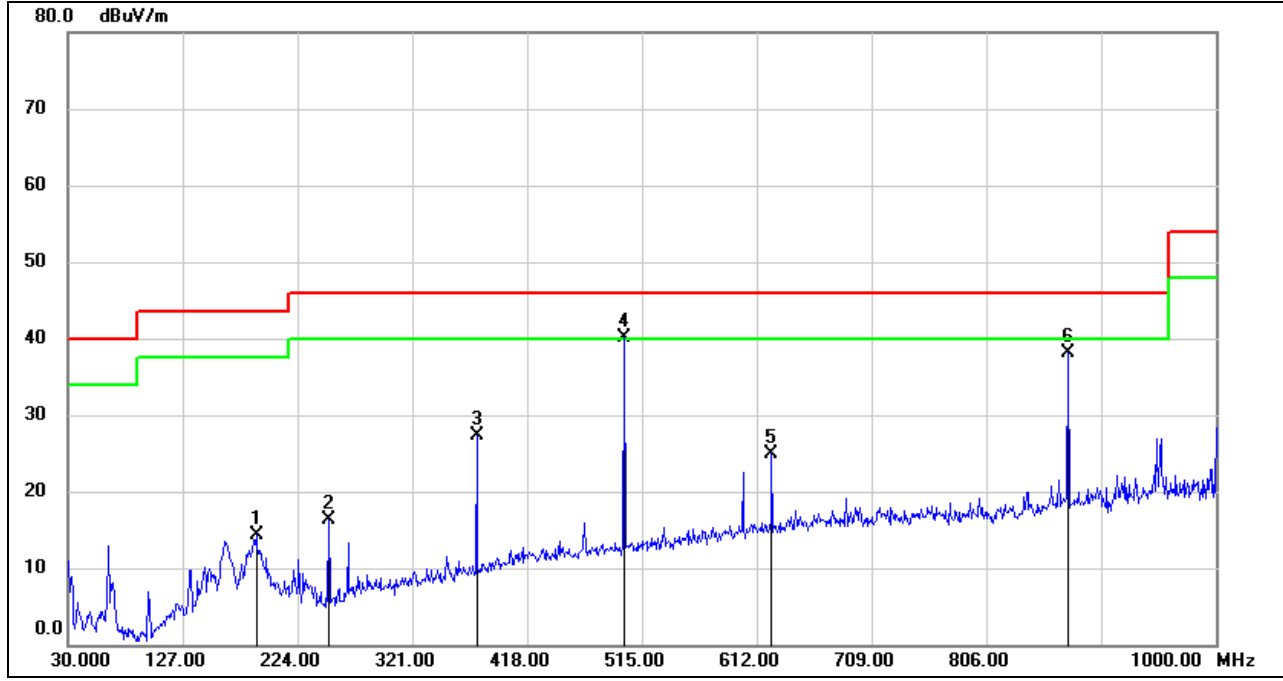
Note: All transmission modes and channels had been tested, but only the worst data recorded in the report.



8.4. SPURIOUS EMISSIONS (30M ~ 1 GHz)

8.4.1. 802.11b MODE

SPURIOUS EMISSIONS (LOW CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)

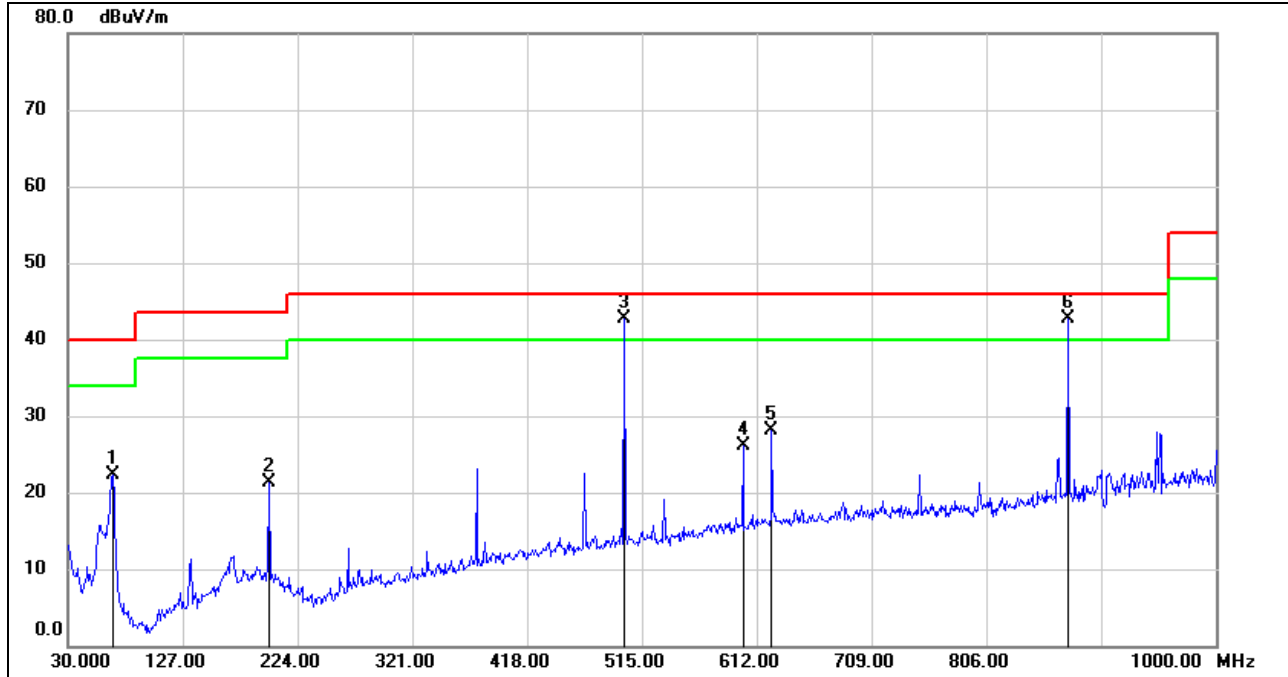


No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	189.0800	29.25	-15.00	14.25	43.50	-29.25	QP
2	250.1900	33.99	-17.70	16.29	46.00	-29.71	QP
3	375.3200	40.27	-13.05	27.22	46.00	-18.78	QP
4	500.4500	51.25	-11.11	40.14	46.00	-5.86	QP
5	624.6100	33.79	-8.80	24.99	46.00	-21.01	QP
6	874.8700	43.89	-5.70	38.19	46.00	-7.81	QP

Note: 1. Result Level = Read Level + Correct Factor.
 2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
 3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.



SPURIOUS EMISSIONS (LOW CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	67.8300	43.97	-21.59	22.38	40.00	-17.62	QP
2	199.7500	36.19	-14.88	21.31	43.50	-22.19	QP
3	500.4500	53.81	-11.11	42.70	46.00	-3.30	QP
4	600.3600	35.17	-9.01	26.16	46.00	-19.84	QP
5	624.6100	36.95	-8.80	28.15	46.00	-17.85	QP
6	874.8700	48.42	-5.70	42.72	46.00	-3.28	QP

- Note: 1. Result Level = Read Level + Correct Factor.
 2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
 3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto

Note: All transmission modes and channels had been tested, but only the worst data recorded in the report.

Note: The power adapter of all manufacturers has been tested, but only the worst data recorded in the report. The power adapter of DONGGUANFUHUA ELECTRIC CO., LTD. is worst case configuration.

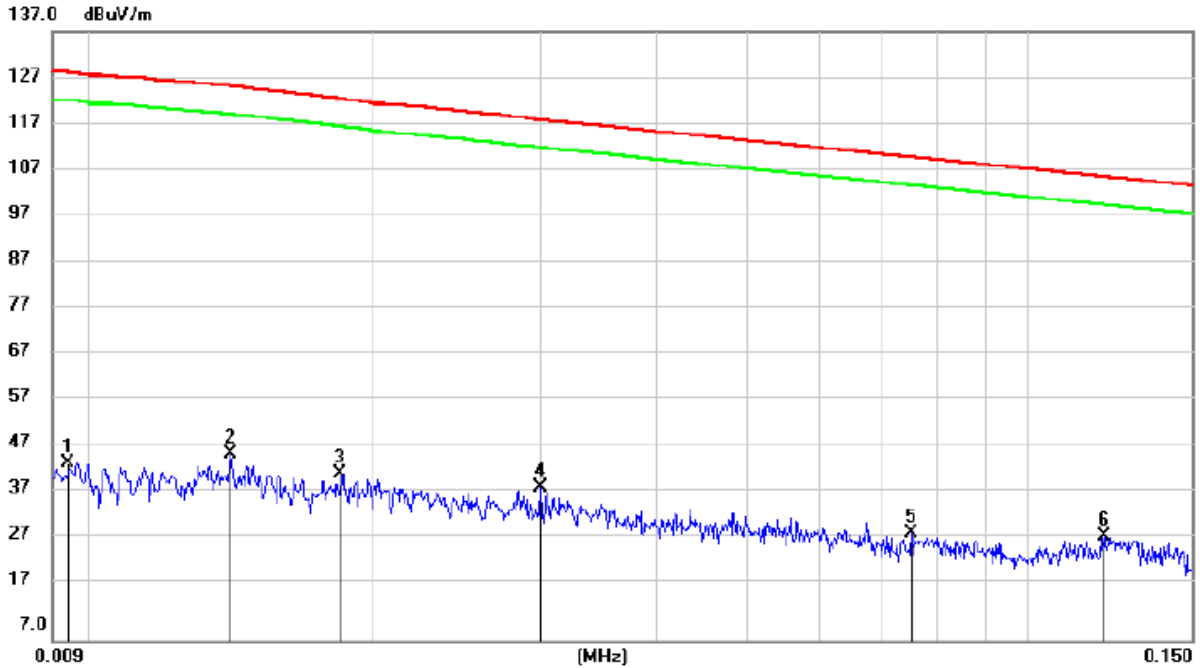


8.5. SPURIOUS EMISSIONS BELOW 30M

8.5.1. 802.11b MODE

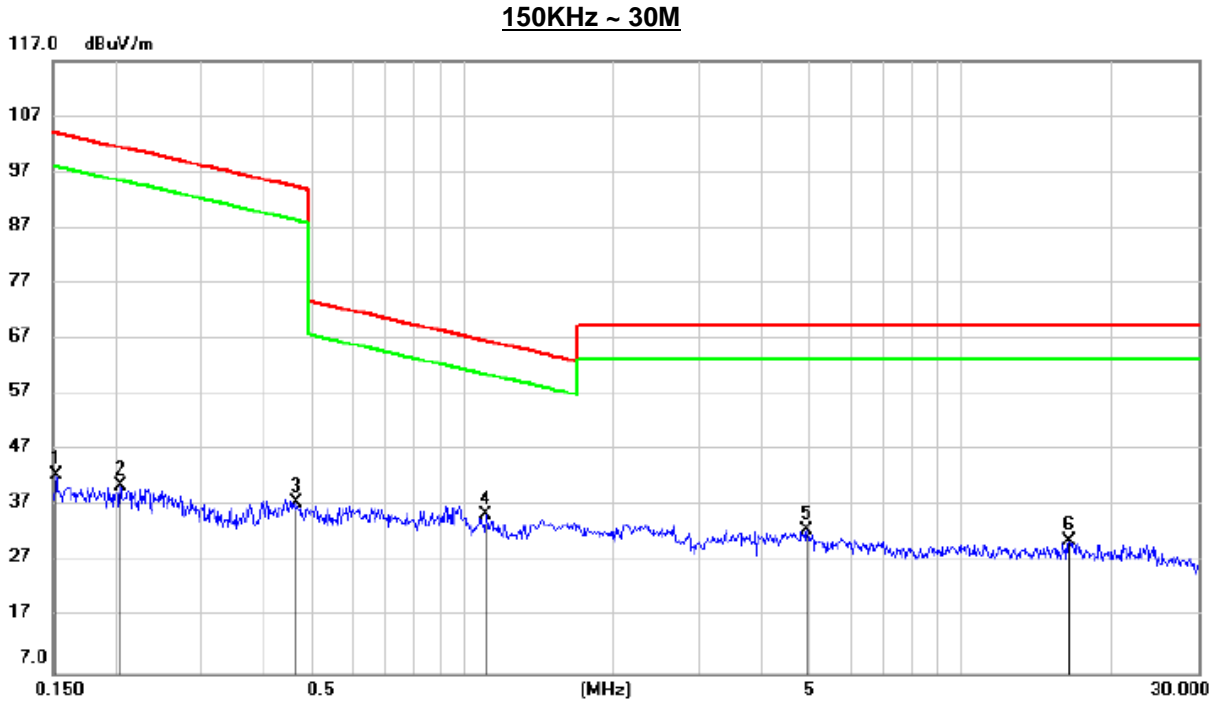
SPURIOUS EMISSIONS (SISO Ant 2, LOW CHANNEL,
WORST-CASE CONFIGURATION, HORIZONTAL)

9 KHz~ 150 KHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		0.0094	24.52	20.26	44.78	128.0	-83.28	QP			
2		0.0140	26.50	20.25	46.75	125.1	-78.44	QP			
3		0.0183	22.42	20.29	42.71	122.6	-79.89	QP			
4		0.0300	19.45	20.31	39.76	118.0	-78.30	QP			
5		0.0751	9.51	20.31	29.82	110.1	-80.29	QP			
6	*	0.1208	8.99	20.30	29.29	105.9	-76.67	QP			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		0.1524	22.20	20.42	42.62	103.9	-61.33			QP
2		0.2048	20.24	20.36	40.60	101.4	-60.81			QP
3		0.4637	17.31	20.25	37.56	94.31	-56.75			QP
4	*	1.1109	14.93	20.41	35.34	66.70	-31.36			QP
5		4.8997	11.92	20.84	32.76	69.54	-36.78			QP
6		16.4856	9.74	20.96	30.70	69.54	-38.84			QP

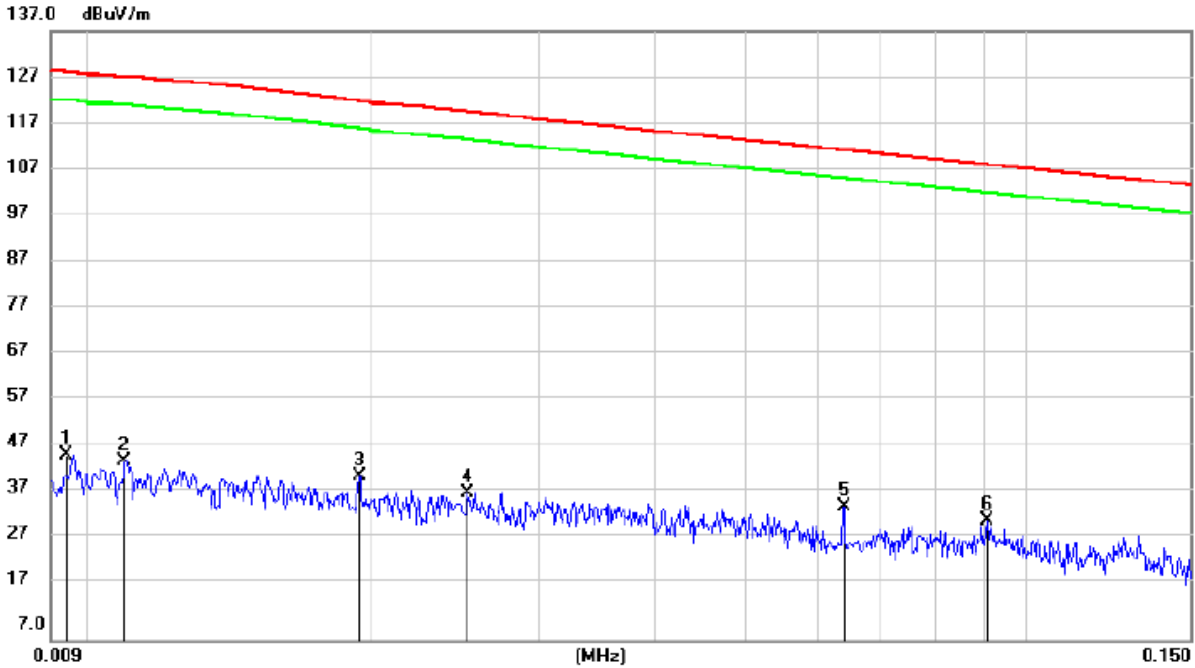
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

Note: The power adapter of all manufacturers has been tested, but only the worst data recorded in the report. The power adapter of DONGGUANFUHUA ELECTRIC CO., LTD. is worst case configuration.



SPURIOUS EMISSIONS (LOW CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)

9KHz~ 150KHz



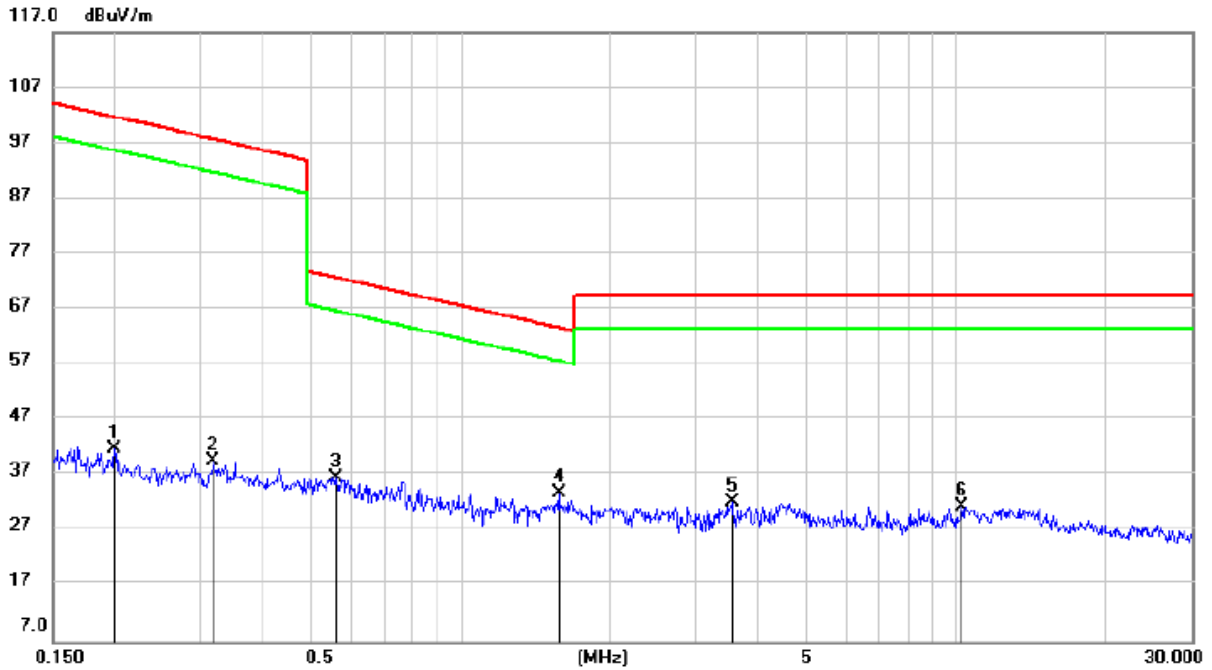
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		0.0094	26.23	20.26	46.49	128.0	-81.57			QP
2		0.0108	25.07	20.22	45.29	127.1	-81.83			QP
3		0.0193	21.79	20.30	42.09	122.0	-79.91			QP
4		0.0252	18.12	20.31	38.43	119.7	-81.32			QP
5		0.0637	15.21	20.31	35.52	111.5	-76.02			QP
6	*	0.0908	12.17	20.26	32.43	108.4	-76.02			QP

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.



150KHz ~ 30M



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		0.1995	21.49	20.37	41.86	101.6	-59.74	QP			
2		0.3165	19.21	20.30	39.51	97.65	-58.14	QP			
3		0.5581	16.44	20.26	36.70	72.71	-36.01	QP			
4	*	1.5766	13.13	20.58	33.71	63.65	-29.94	QP			
5		3.5278	11.11	20.98	32.09	69.54	-37.45	QP			
6		10.2873	10.35	21.05	31.40	69.54	-38.14	QP			

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

Note: All transmission modes and channels had been tested, but only the worst data recorded in the report.

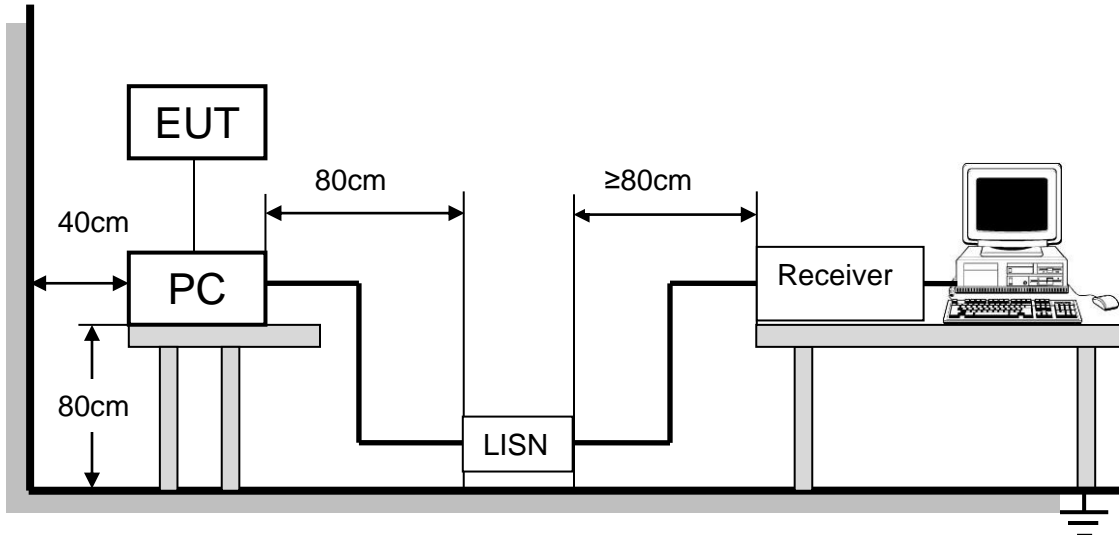
9. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to FCC §15.207 (a) and RSS-Gen Clause 8.8.

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

TEST SETUP AND PROCEDURE



The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10 -2013. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9kHz.

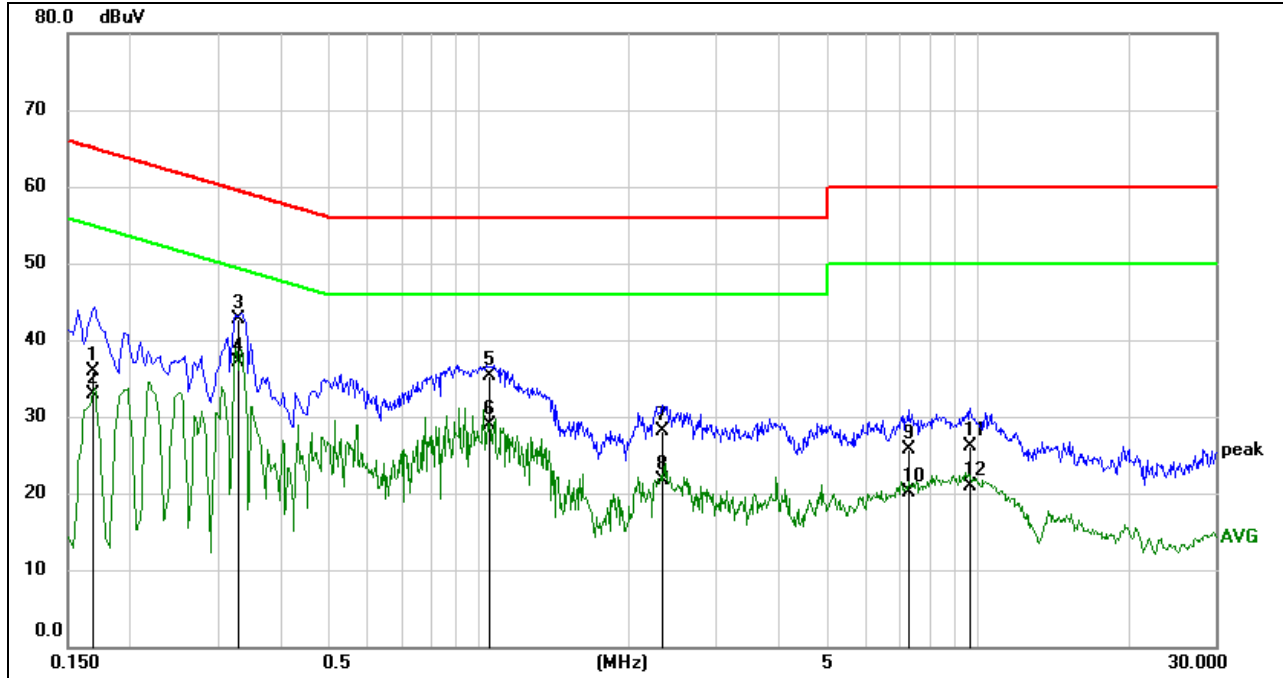
The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.



TEST RESULTS

9.1.1. 802.11b MODE

LINE N RESULTS (LOW CHANNEL, WORST-CASE CONFIGURATION)

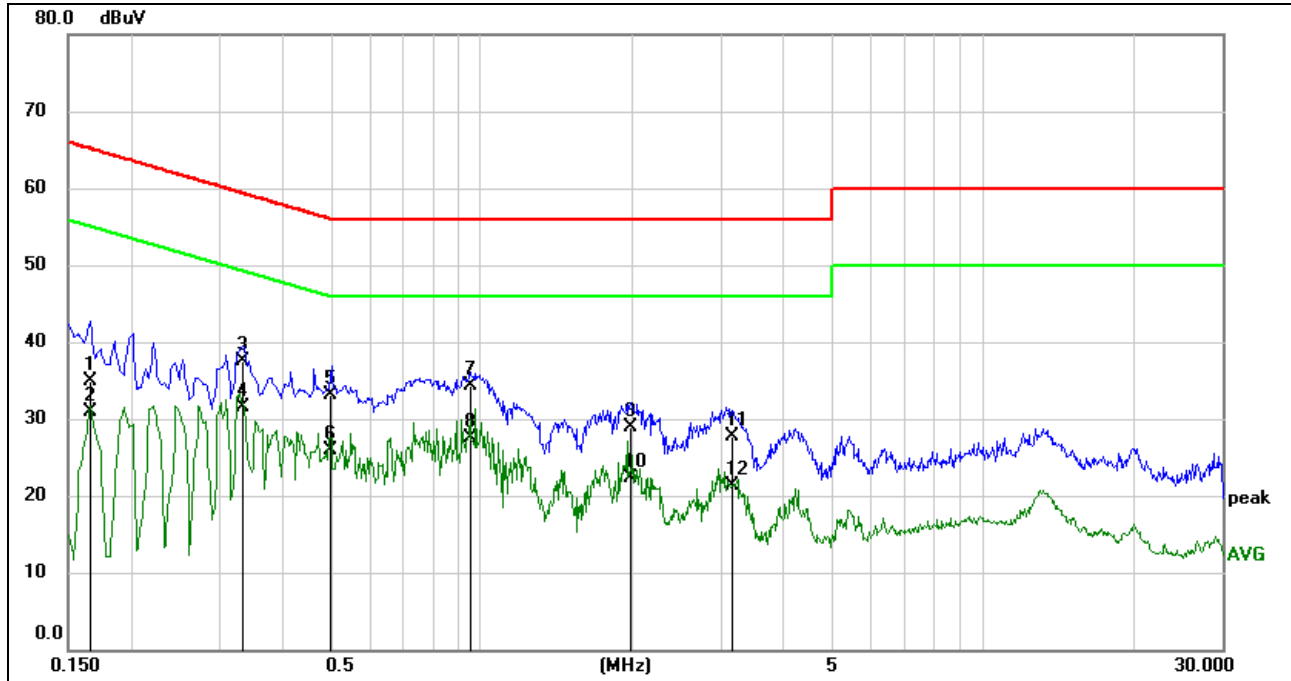


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1685	26.22	9.62	35.84	65.03	-29.19	QP
2	0.1685	23.38	9.62	33.00	55.03	-22.03	AVG
3	0.3302	33.07	9.63	42.70	59.45	-16.75	QP
4	0.3302	27.52	9.63	37.15	49.45	-12.30	AVG
5	1.0577	25.73	9.63	35.36	56.00	-20.64	QP
6	1.0577	19.30	9.63	28.93	46.00	-17.07	AVG
7	2.3337	18.47	9.66	28.13	56.00	-27.87	QP
8	2.3337	11.98	9.66	21.64	46.00	-24.36	AVG
9	7.3090	15.88	9.80	25.68	60.00	-34.32	QP
10	7.3090	10.35	9.80	20.15	50.00	-29.85	AVG
11	9.6820	15.95	10.09	26.04	60.00	-33.96	QP
12	7.6230	21.58	9.84	31.42	50.00	-18.58	AVG

- Note: 1. Result = Reading +Correct Factor.
 2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
 4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.



LINE L RESULTS (LOW CHANNEL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1666	25.20	9.63	34.83	65.13	-30.30	QP
2	0.1666	21.26	9.63	30.89	55.13	-24.24	AVG
3	0.3341	27.95	9.63	37.58	59.35	-21.77	QP
4	0.3341	21.88	9.63	31.51	49.35	-17.84	AVG
5	0.4993	23.47	9.63	33.10	56.01	-22.91	QP
6	0.4993	16.18	9.63	25.81	46.01	-20.20	AVG
7	0.9504	24.74	9.64	34.38	56.00	-21.62	QP
8	0.9504	17.92	9.64	27.56	46.00	-18.44	AVG
9	1.9754	19.26	9.66	28.92	56.00	-27.08	QP
10	1.9754	12.57	9.66	22.23	46.00	-23.77	AVG
11	3.1770	18.11	9.68	27.79	56.00	-28.21	QP
12	3.1770	11.54	9.68	21.22	46.00	-24.78	AVG

- Note: 1. Result = Reading +Correct Factor.
 2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
 4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Note: All transmission modes and channels had been tested, but only the worst data recorded in the report.

Note: The power adapter of all manufacturers has been tested, but only the worst data recorded in the report. The power adapter of DONGGUANFUHUA ELECTRIC CO., LTD. is worst case configuration.



10. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.247(b)(4)

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

RESULTS

Complies

END OF REPORT