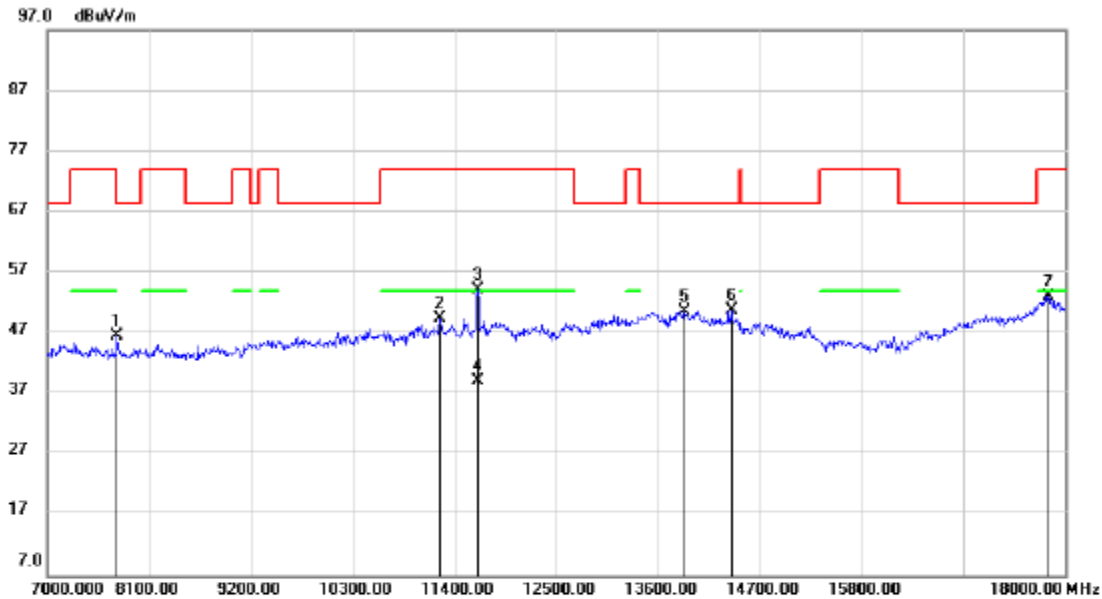




### 7-18GHz



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna Table		
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		7759.000	39.90	6.59	46.49	68.20	-21.71			peak
2		11246.00	35.99	13.51	49.50	74.00	-24.50			peak
3		11653.00	39.58	14.47	54.05	74.00	-19.95			peak
4	*	11653.00	24.59	14.47	39.06	54.00	-14.94	200	40	AVG
5		13886.00	31.80	18.76	50.56	68.20	-17.64			peak
6		14392.00	32.34	18.32	50.66	68.20	-17.54			peak
7		17813.00	28.61	24.44	53.05	74.00	-20.95			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=1/T,(For the value of 1/T, please refer to the table on page 27).  
5. For duty cycle, please refer to clause 6.1.

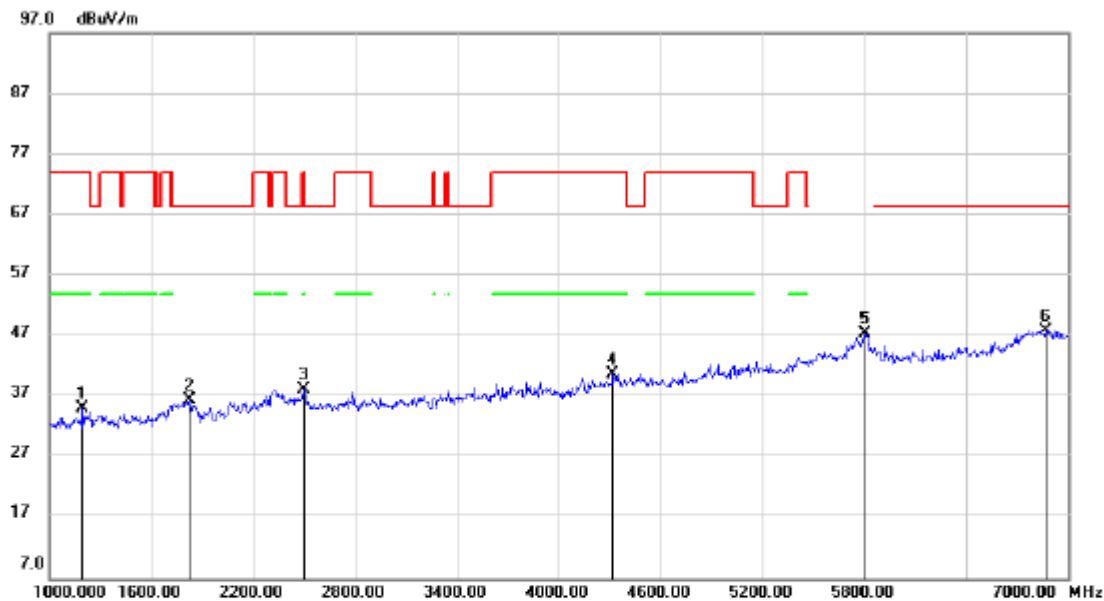


#### 7.4.5. STRADDLE CHANNEL 144

##### MIMO MODE (WORST-CASE CONFIGURATION)

##### HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

##### HORIZONTAL RESULTS 1-7GHz

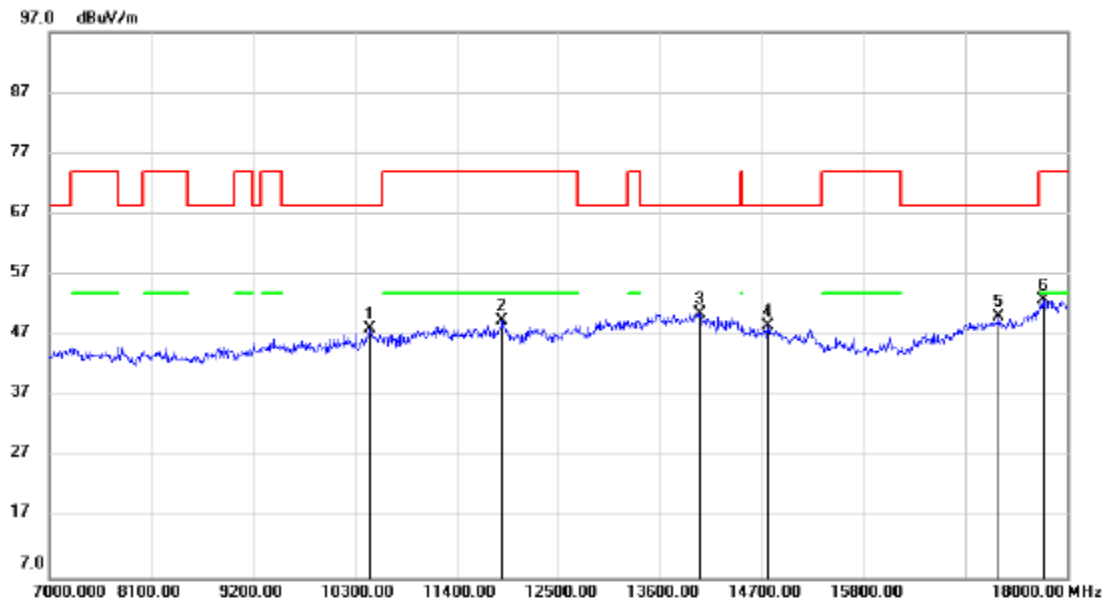


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		1198.000	48.48	-13.42	35.06	74.00	-38.94			peak
2		1828.000	47.89	-11.62	36.27	68.20	-31.93			peak
3		2500.000	47.49	-9.28	38.21	68.20	-29.99			peak
4		4318.000	43.76	-3.02	40.74	74.00	-33.26			peak
5		5800.000	45.96	1.32	47.28					peak
6	*	6868.000	43.10	4.80	47.90	68.20	-20.30			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.



### HORIZONTAL RESULTS 7-18GHz

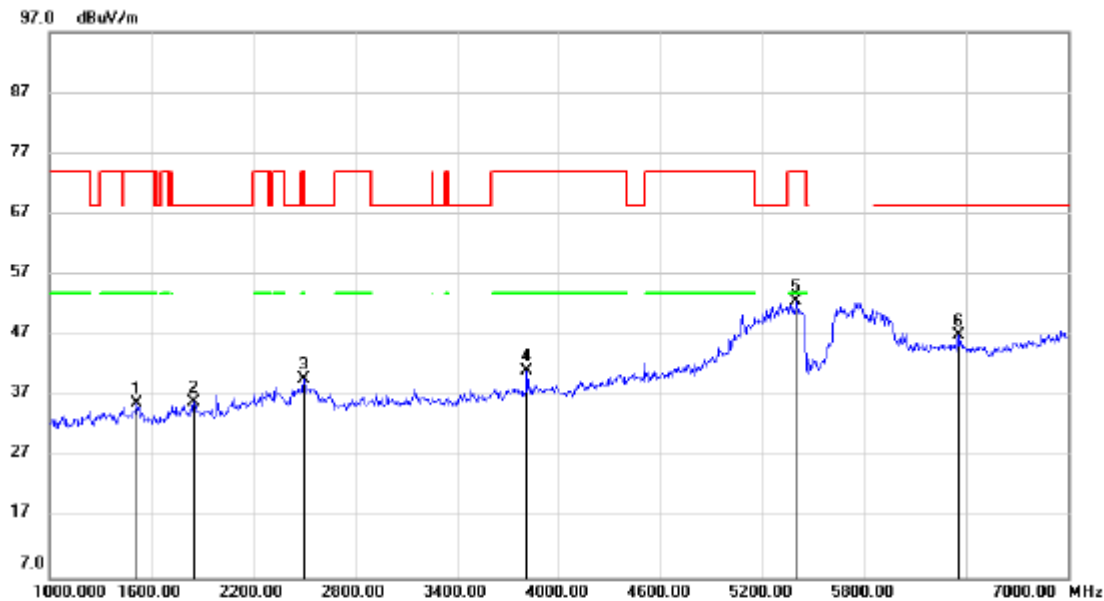


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Table
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Height Degree
							Detector	cm degree Comment
1		10465.00	36.29	11.74	48.03	68.20	-20.17	peak
2		11895.00	34.18	15.15	49.33	74.00	-24.67	peak
3	*	14029.00	32.12	18.47	50.59	68.20	-17.61	peak
4		14766.00	32.38	16.20	48.58	68.20	-19.62	peak
5		17263.00	29.55	20.50	50.05	68.20	-18.15	peak
6		17736.00	29.31	23.54	52.85	74.00	-21.15	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.



**VERTICAL RESULTS**  
**1-7GHz**

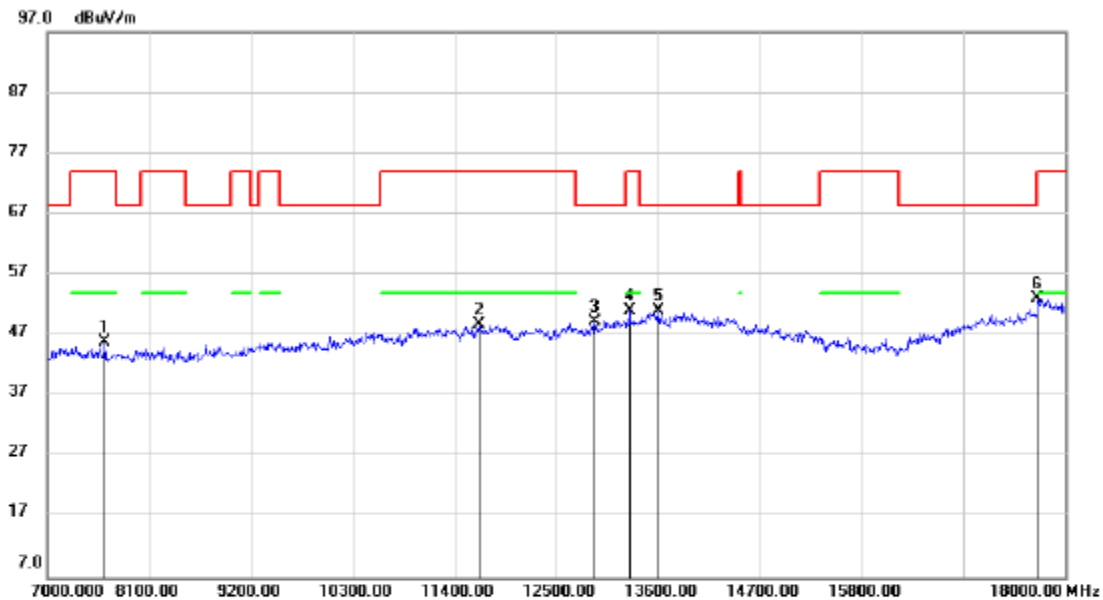


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		1516.000	48.40	-12.73	35.67	74.00	-38.33	peak		
2		1852.000	47.36	-11.55	35.81	68.20	-32.39	peak		
3		2500.000	48.96	-9.18	39.78	68.20	-28.42	peak		
4		3814.000	45.80	-4.70	41.10	74.00	-32.90	peak		
5		5398.000	52.26	0.30	52.56	74.00	-21.44	peak		
6	*	6358.000	43.72	3.27	46.99	68.20	-21.21	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.



### 7-18GHz



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna Table		
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		7627.000	39.37	6.44	45.81	74.00	-28.19	peak		
2		11664.00	34.12	14.54	48.66	74.00	-25.34	peak		
3		12918.00	32.65	16.52	49.17	68.20	-19.03	peak		
4		13292.00	33.46	17.51	50.97	74.00	-23.03	peak		
5	*	13600.00	32.56	18.34	50.90	68.20	-17.30	peak		
6		17703.00	29.74	23.36	53.10	74.00	-20.90	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.



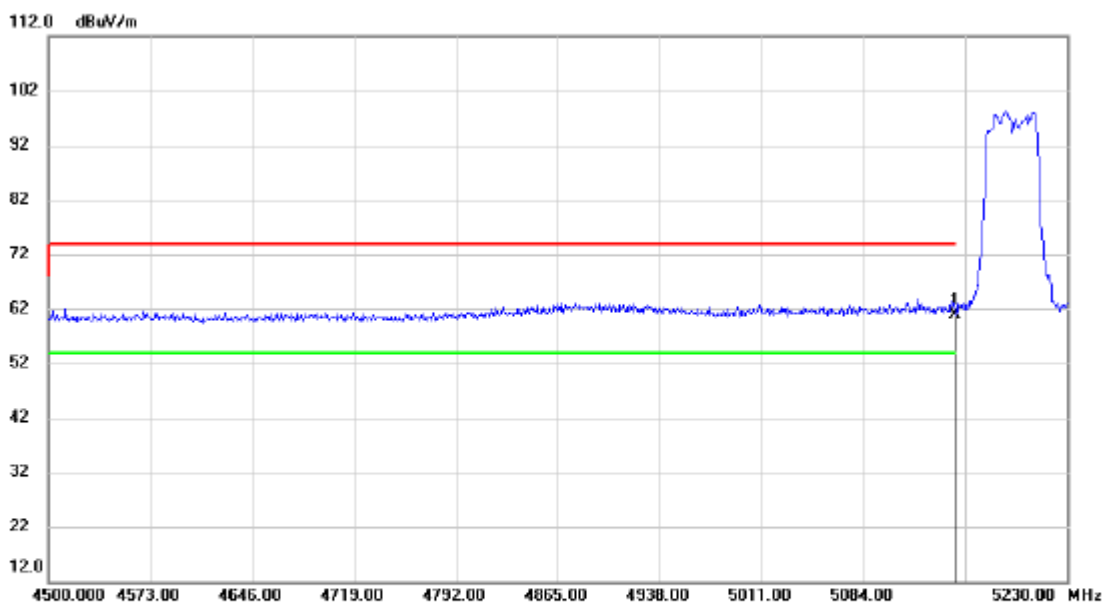
## 7.5. 802.11ac HT40 MODE

### 7.5.1. UNII-1 BAND

#### MIMO MODE (WORST-CASE CONFIGURATION)

#### RESTRICTED BANDEDGE LOW CHANNEL

#### HORIZONTAL RESULTS PEAK

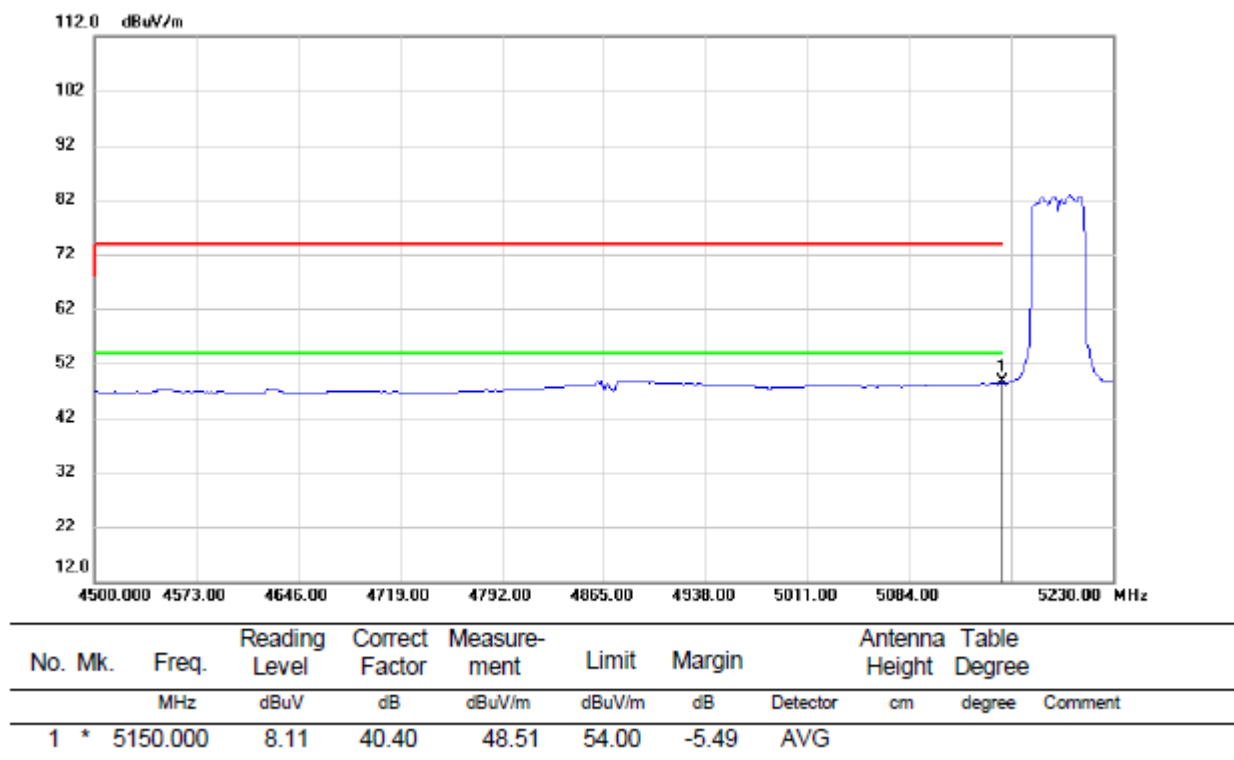


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5150.000	20.60	40.40	61.00	74.00	-13.00	peak		

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.



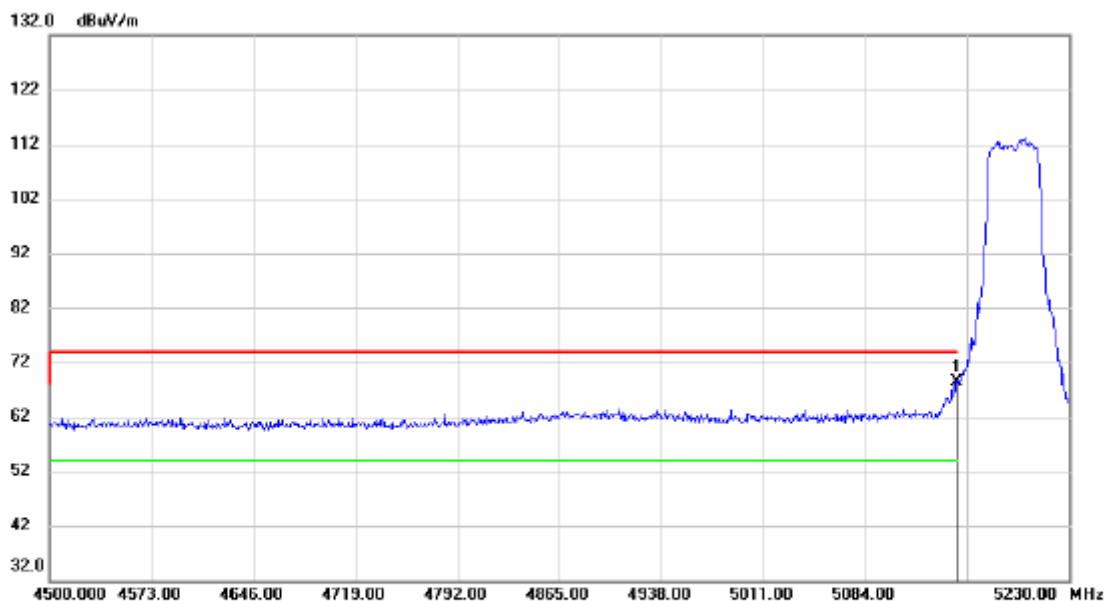
**AVG**



- Note: 1. Measurement = Reading Level + Correct Factor  
3. AVG:VBW=1/T,(For the value of 1/T, please refer to the table on page 27).  
4. For duty cycle, please refer to clause 6.1



**VERTICAL RESULTS**  
**PEAK**



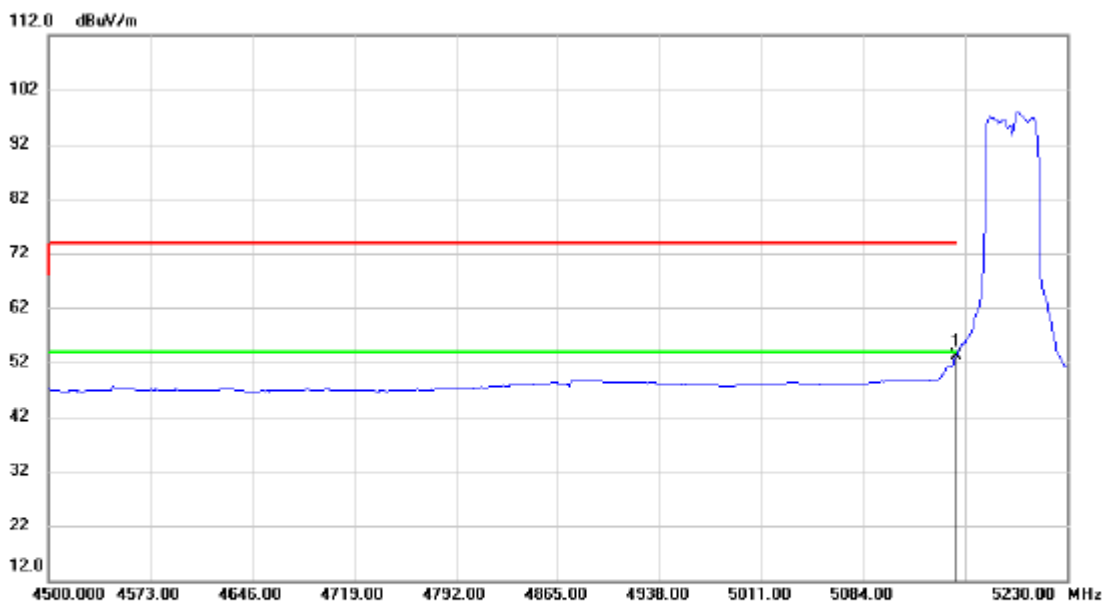
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5150.000	27.70	40.60	68.30	74.00	-5.70			peak

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.





**AVG**



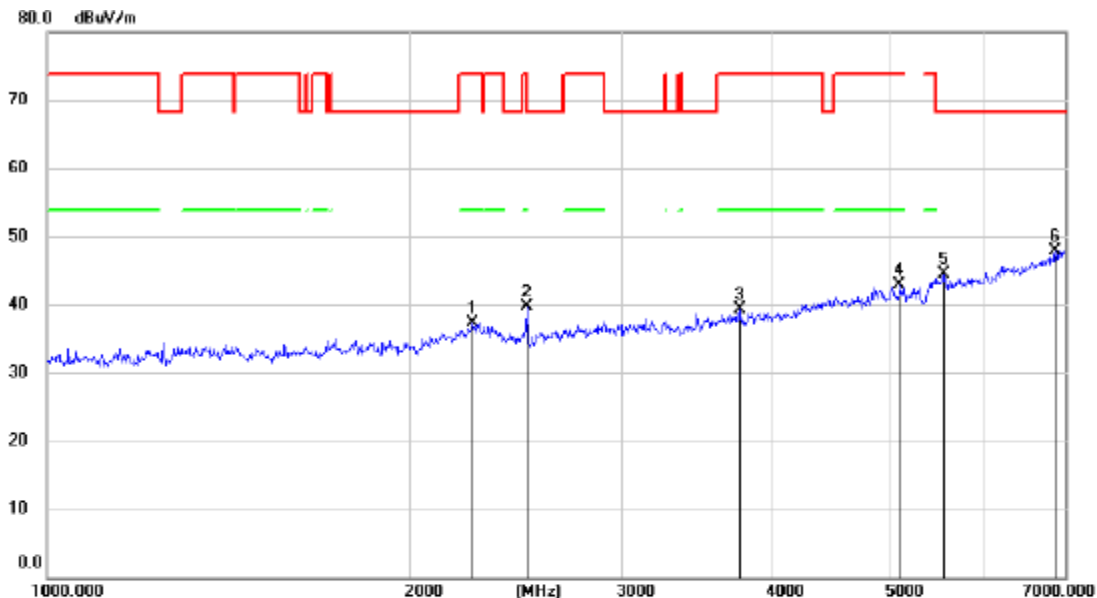
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5150.000	12.54	40.60	53.14	54.00	-0.86	AVG		

- Note: 1. Measurement = Reading Level + Correct Factor  
2. AVG:VBW=1/T,(For the value of 1/T, please refer to the table on page 27).  
3. For duty cycle, please refer to clause 6.1



## HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

### HORIZONTAL RESULTS 1-7GHz

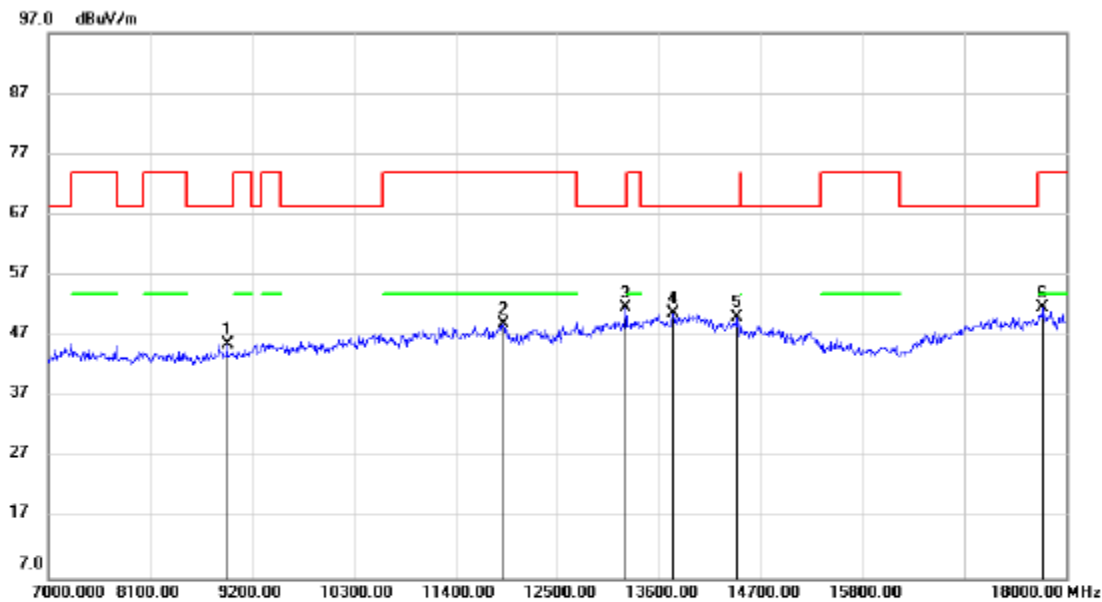


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	2255.542	45.72	-8.37	37.35	74.00	-36.65	peak			
2	2500.582	49.07	-9.28	39.79	68.20	-28.41	peak			
3	3770.135	44.12	-4.89	39.23	74.00	-34.77	peak			
4	5107.309	43.32	-0.46	42.86	74.00	-31.14	peak			
5	5553.047	43.61	0.93	44.54	68.20	-23.66	peak			
6 *	6865.103	43.13	4.78	47.91	68.20	-20.29	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.



### HORIZONTAL RESULTS 7-18GHz

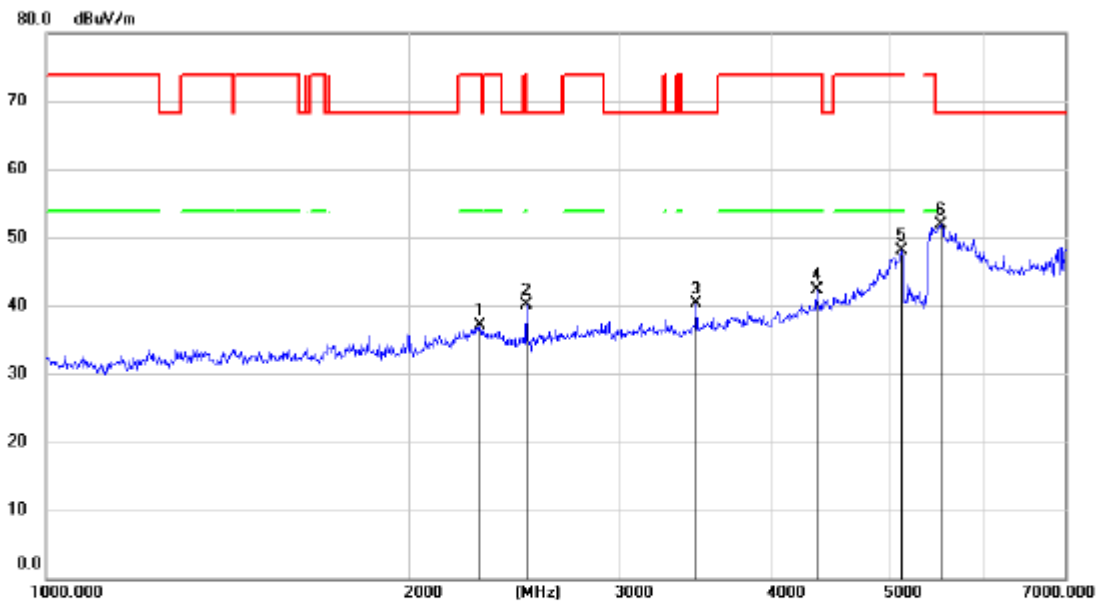


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		8936.000	37.52	8.02	45.54	68.20	-22.66	peak		
2		11917.00	34.00	14.98	48.98	74.00	-25.02	peak		
3	*	13237.00	34.25	17.34	51.59	68.20	-16.61	peak		
4		13754.00	32.12	18.71	50.83	68.20	-17.37	peak		
5		14447.00	32.90	17.16	50.06	68.20	-18.14	peak		
6		17747.00	28.06	23.57	51.63	74.00	-22.37	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.



**VERTICAL RESULTS**  
**1-7GHz**

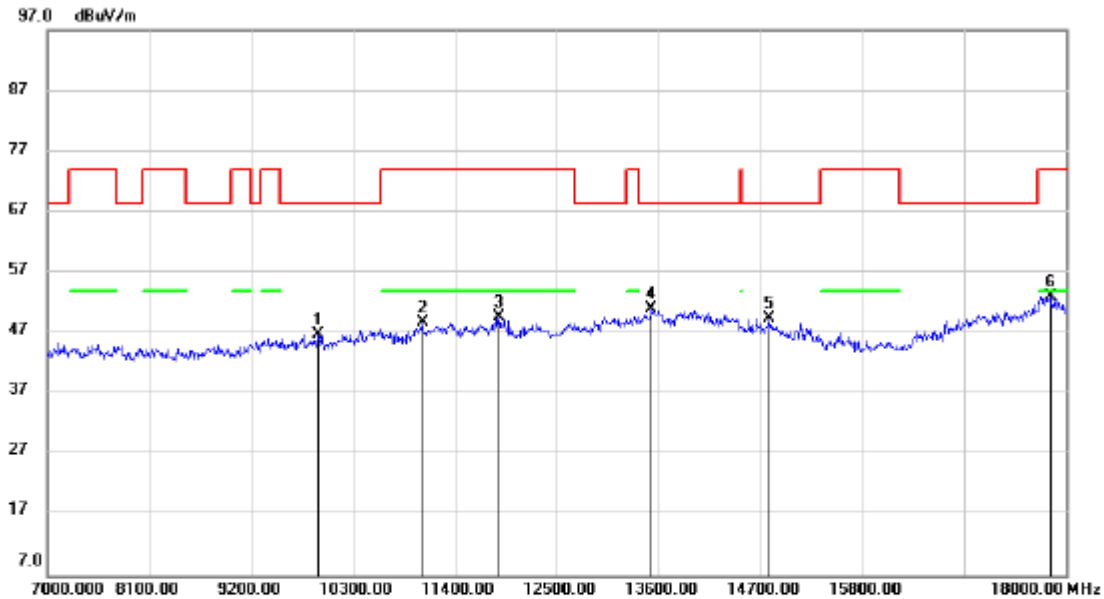


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2290.930	45.29	-8.20	37.09	74.00	-36.91			peak
2		2500.582	49.23	-9.18	40.05	68.20	-28.15			peak
3		3460.769	46.48	-6.24	40.24	68.20	-27.96			peak
4		4354.057	45.05	-2.71	42.34	74.00	-31.66			peak
5		5117.257	48.23	-0.20	48.03	74.00	-25.97			peak
6	*	5520.725	50.96	1.00	51.96	68.20	-16.24			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.



### 7-18GHz



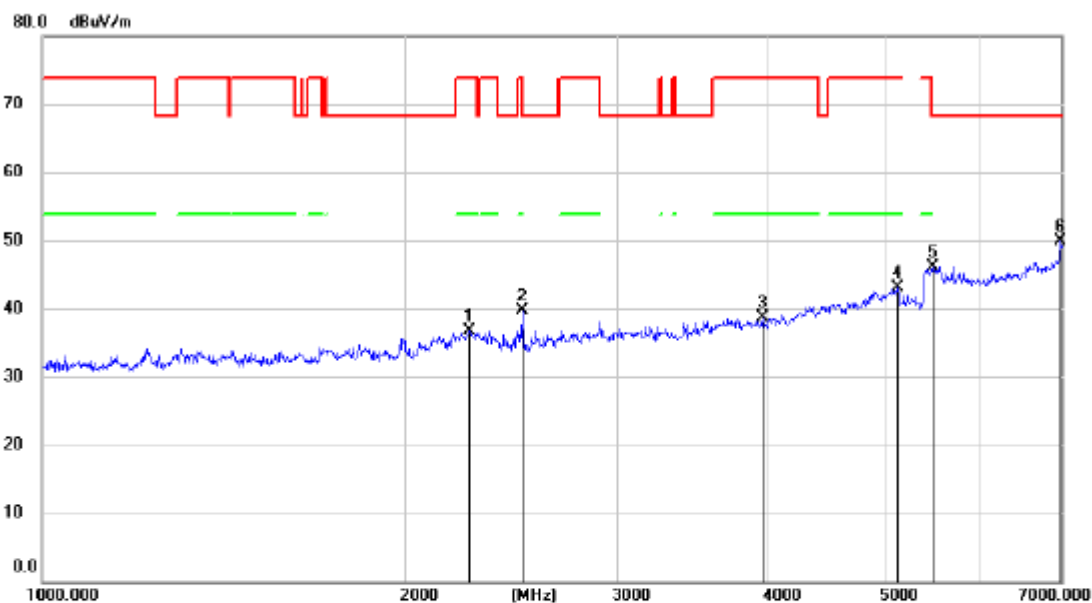
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna Table		
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		9926.000	36.25	10.51	46.76	68.20	-21.44			peak
2		11048.00	35.82	12.92	48.74	74.00	-25.26			peak
3		11873.00	34.96	14.73	49.69	74.00	-24.31			peak
4	*	13523.00	32.30	18.72	51.02	68.20	-17.18			peak
5		14788.00	33.16	16.33	49.49	68.20	-18.71			peak
6		17824.00	28.80	24.26	53.06	74.00	-20.94			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.



## HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

### HORIZONTAL RESULTS 1-7GHz

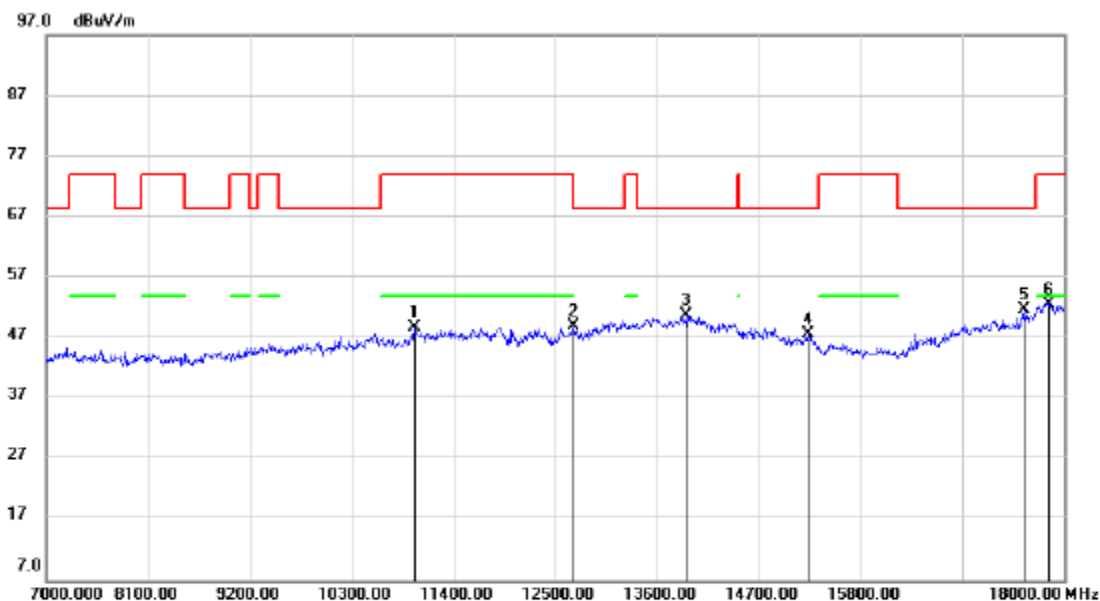


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2264.338	45.09	-8.37	36.72	74.00	-37.28	peak		
2		2500.582	49.00	-9.28	39.72	68.20	-28.48	peak		
3		3965.787	43.33	-4.54	38.79	74.00	-35.21	peak		
4		5117.257	43.45	-0.40	43.05	74.00	-30.95	peak		
5		5477.920	45.28	0.87	46.15	68.20	-22.05	peak		
6	*	6986.392	44.51	5.35	49.86	68.20	-18.34	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.



**HORIZONTAL RESULTS**  
**7-18GHz**

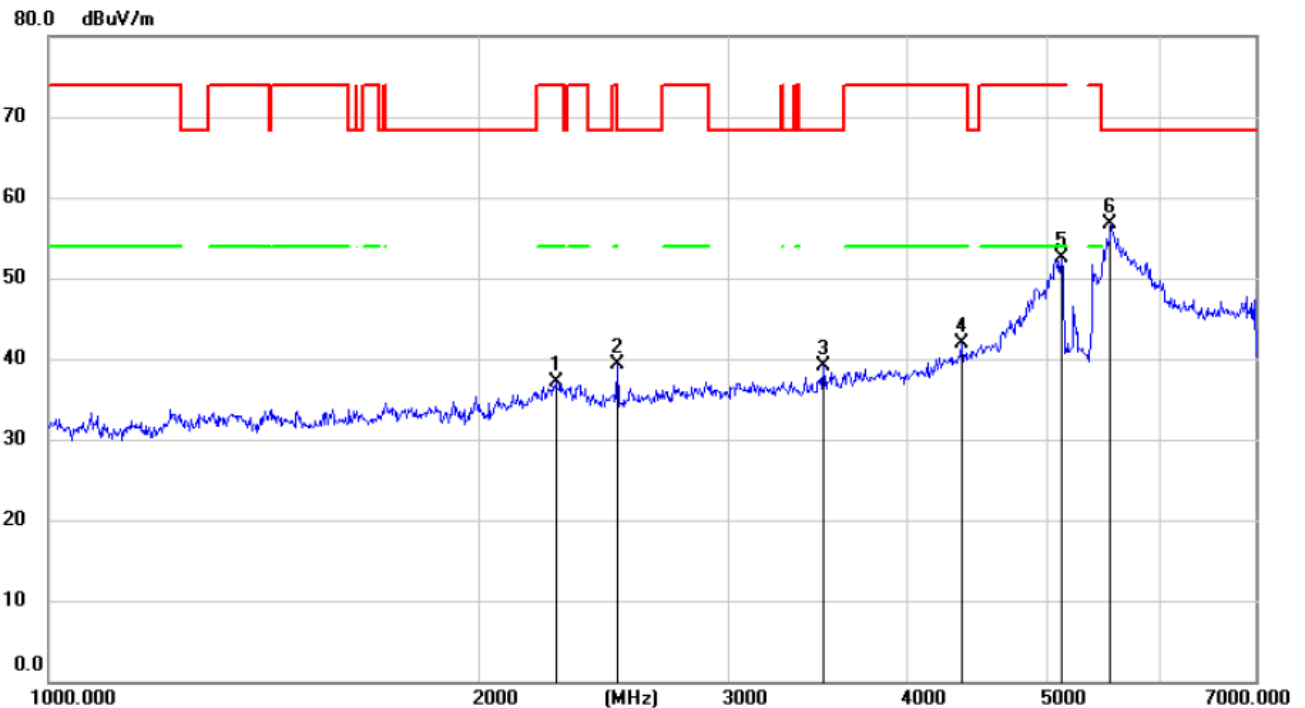


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna Table		
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10982.00	36.04	12.75	48.79	74.00	-25.21			peak
2		12698.00	33.39	15.48	48.87	74.00	-25.13			peak
3		13919.00	32.21	18.55	50.76	68.20	-17.44			peak
4		15228.00	32.07	15.56	47.63	68.20	-20.57			peak
5	*	17560.00	29.60	22.11	51.71	68.20	-16.49			peak
6		17824.00	28.39	24.25	52.64	74.00	-21.36			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.



**VERTICAL RESULTS**  
**1-7GHz**



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2268.748	45.41	-8.29	37.12	74.00	-36.88			peak
2		2500.582	48.54	-9.18	39.36	68.20	-28.84			peak
3		3494.605	45.09	-5.99	39.10	68.20	-29.10			peak
4		4354.057	44.69	-2.71	41.98	74.00	-32.02			peak
5		5117.257	52.61	-0.20	52.41	74.00	-21.59			peak
6	*	5542.252	55.74	0.96	56.70	68.20	-11.50			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.





### 7-18GHz



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table
		MHz	Level	Factor	ment			Height	Degree
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1		9486.000	38.79	9.77	48.56	74.00	-25.44	peak	
2		10509.00	36.21	11.99	48.20	68.20	-20.00	peak	
3		12599.00	34.11	15.48	49.59	74.00	-24.41	peak	
4	*	13589.00	32.73	18.46	51.19	68.20	-17.01	peak	
5		14403.00	32.12	18.30	50.42	68.20	-17.78	peak	
6		17736.00	29.08	23.80	52.88	74.00	-21.12	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.

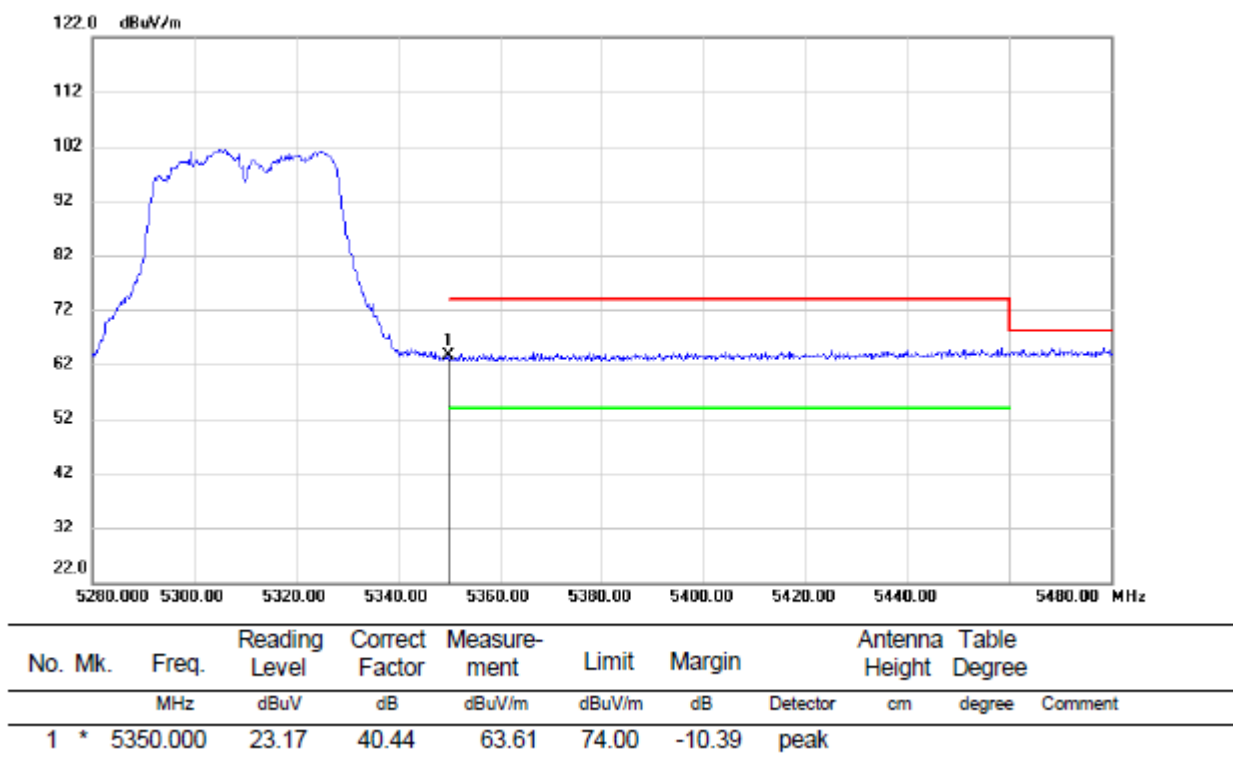
Note: All transmission modes and channels had been tested, but only the worst data recorded in the report.



**7.5.2. UNII-2A BAND**  
**MIMO MODE (WORST-CASE CONFIGURATION)**

**RESTRICTED BANDEDGE HIGH CHANNEL**

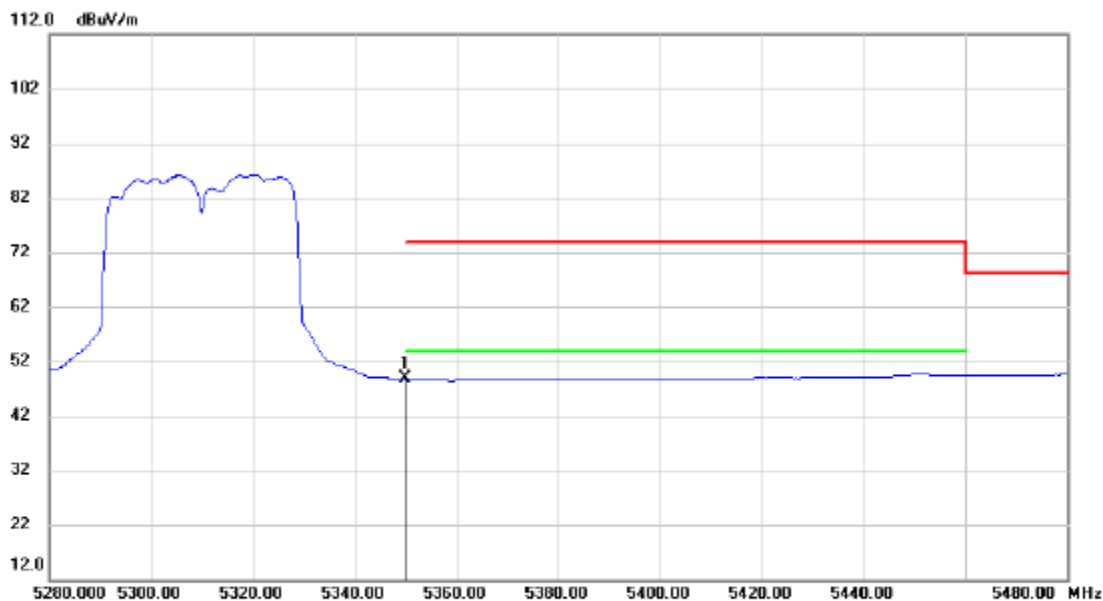
**HORIZONTAL RESULTS**  
**PEAK**



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.



**AVG**

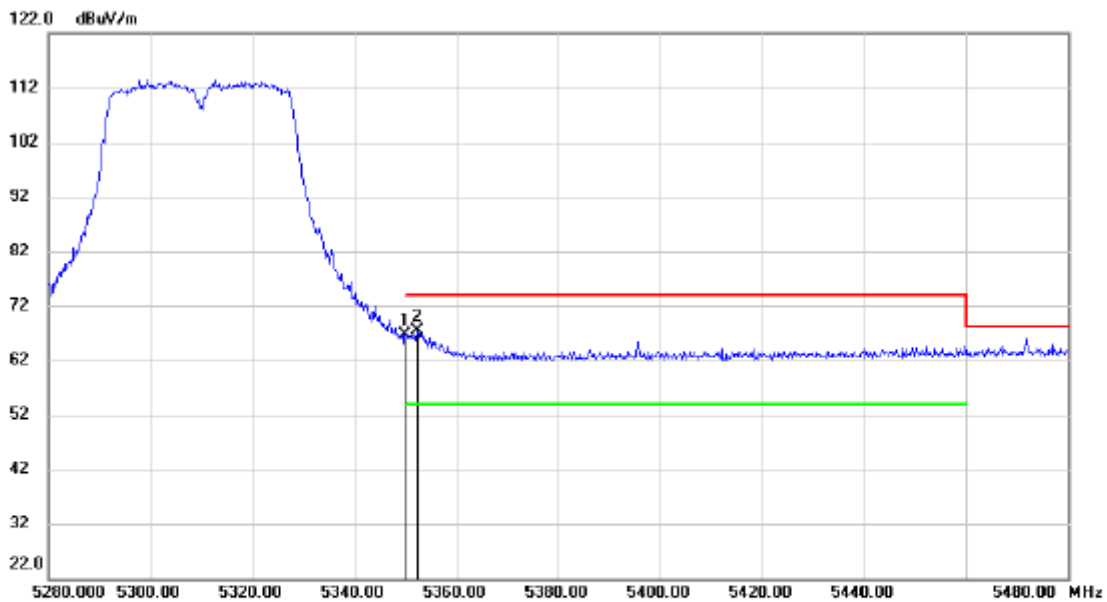


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5350.000	8.32	40.44	48.76	54.00	-5.24	AVG		

- Note: 1. Measurement = Reading Level + Correct Factor  
2. AVG:VBW=1/T,(For the value of 1/T, please refer to the table on page 27).  
3. For duty cycle, please refer to clause 6.1



**VERTICAL RESULTS**  
**PEAK**

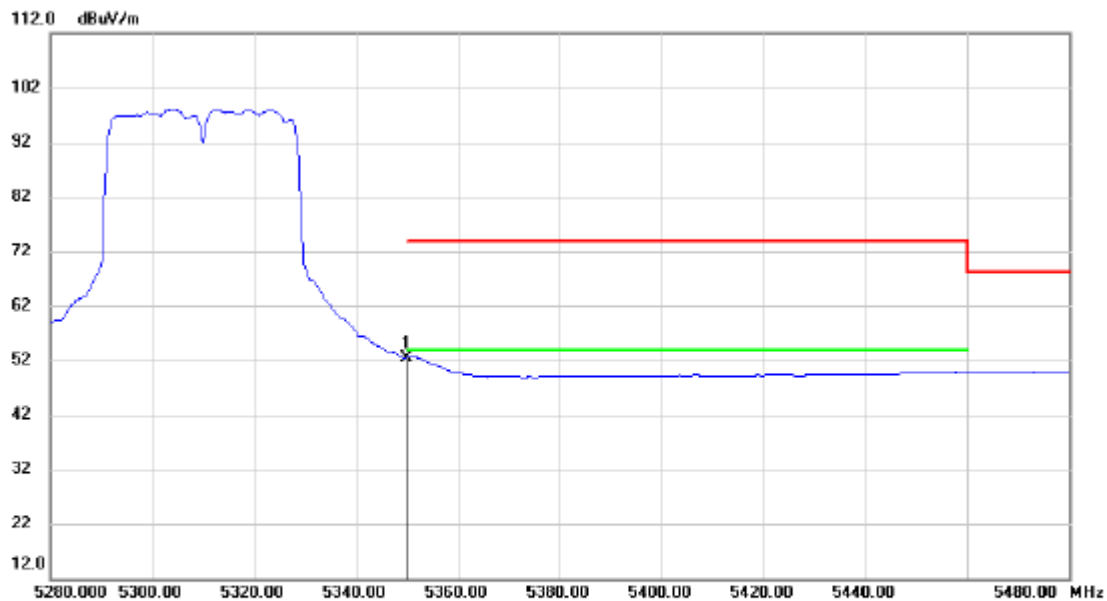


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5350.000	26.02	40.54	66.56	74.00	-7.44	peak		
2	*	5352.400	26.80	40.55	67.35	74.00	-6.65	peak		

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.



**AVG**



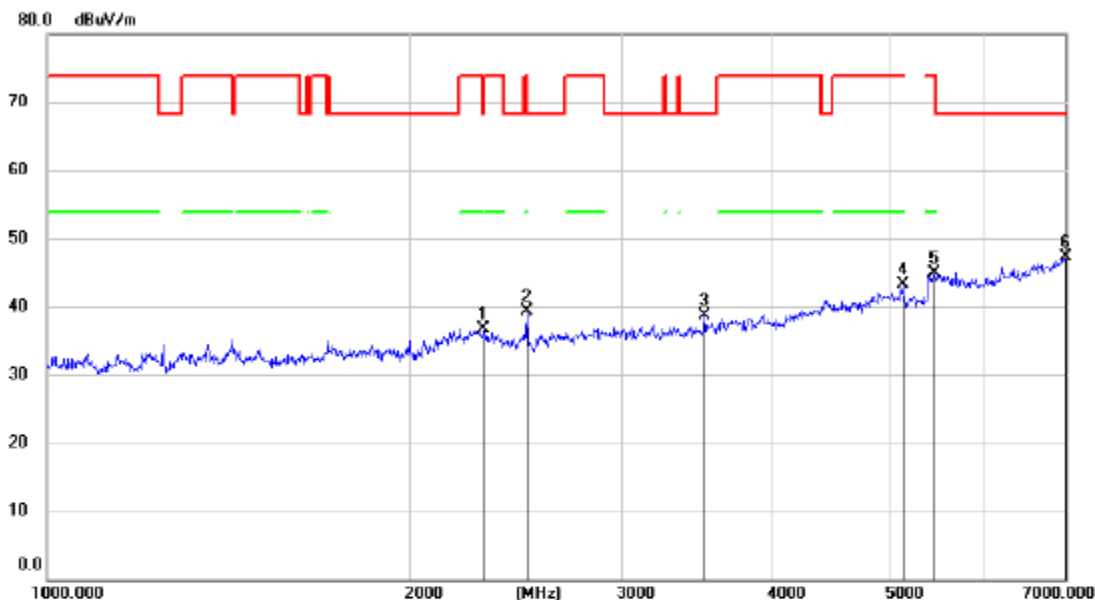
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Table		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Height	Comment
1	*	5350.000	11.96	40.54	52.50	54.00	-1.50	AVG	cm	

- Note: 1. Measurement = Reading Level + Correct Factor  
2. AVG:VBW=1/T,(For the value of 1/T, please refer to the table on page 27).  
3. For duty cycle, please refer to clause 6.1



## HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

### HORIZONTAL RESULTS 1-7GHz

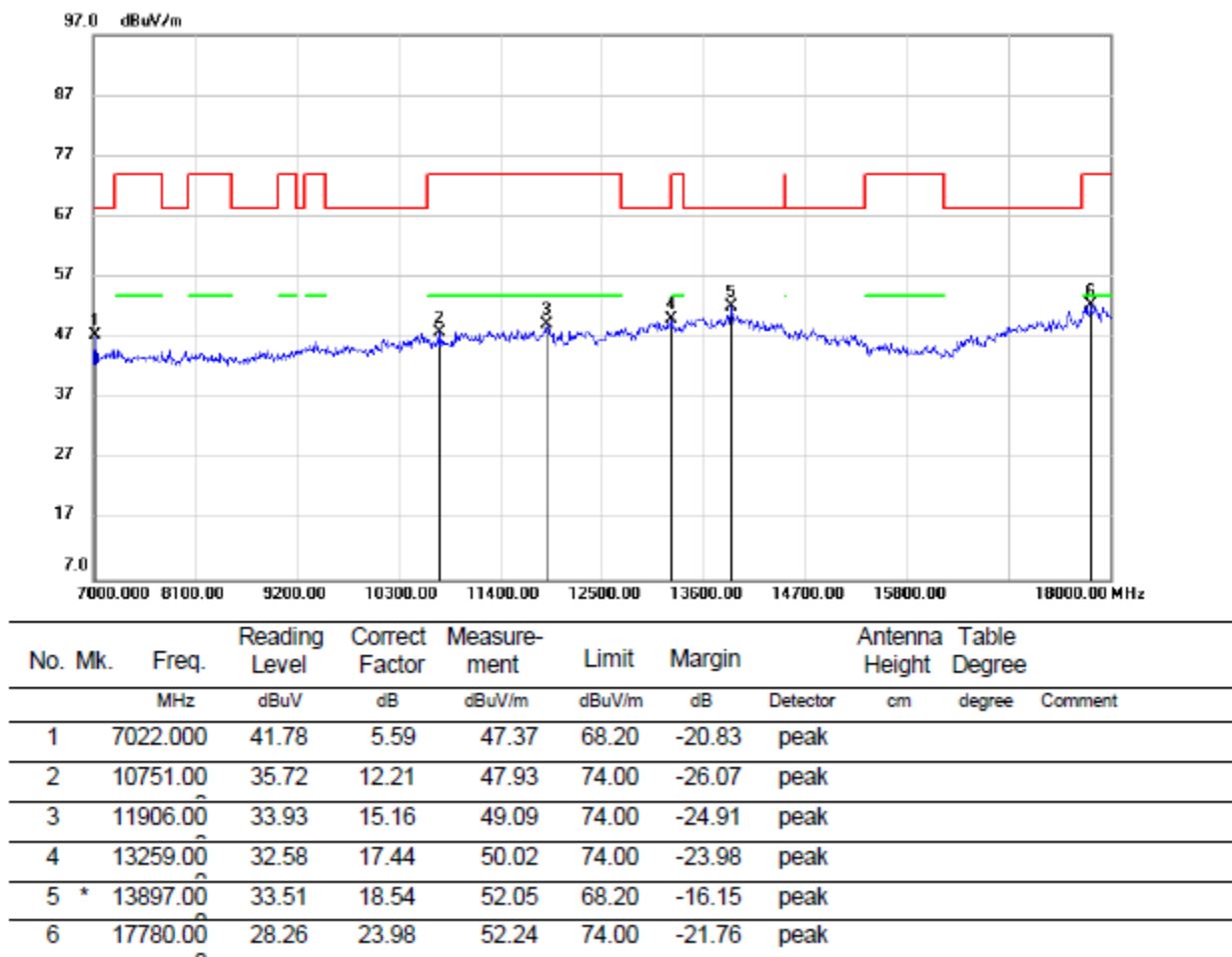


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	dBuV	Factor	ment			Height	Degree	
					dBuV/m	dBuV/m		cm	degree	Comment
1		2308.831	45.20	-8.42	36.78	68.20	-31.42	peak		
2		2500.582	48.65	-9.28	39.37	68.20	-28.83	peak		
3		3515.065	44.65	-5.96	38.69	68.20	-29.51	peak		
4		5127.225	43.70	-0.36	43.34	74.00	-30.66	peak		
5		5456.642	44.10	0.72	44.82	74.00	-29.18	peak		
6	*	7000.000	41.95	5.39	47.34	68.20	-20.86	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.



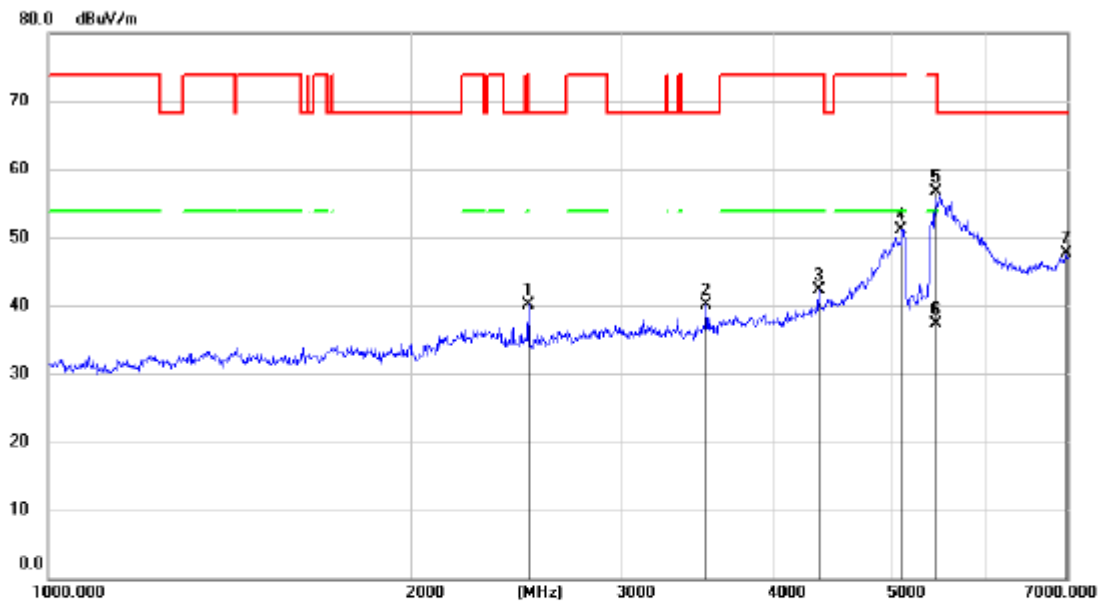
**HORIZONTAL RESULTS**  
**7-18GHz**



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.



**VERTICAL RESULTS**  
**1-7GHz**



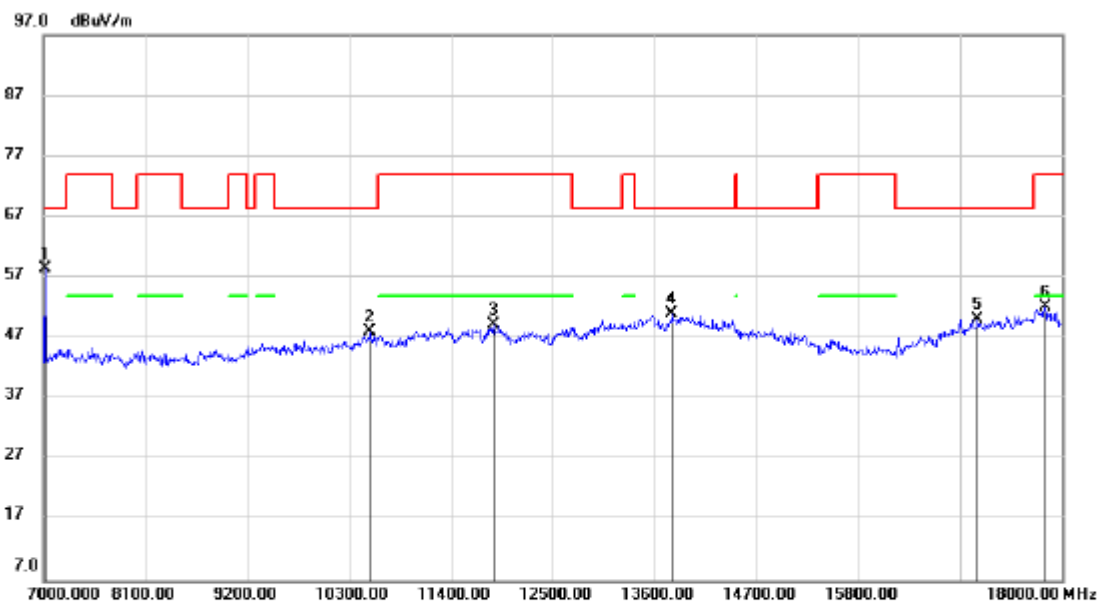
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		2500.582	49.38	-9.18	40.20	68.20	-28.00			peak
2		3515.065	46.04	-5.89	40.15	68.20	-28.05			peak
3		4354.057	45.08	-2.71	42.37	74.00	-31.63			peak
4		5107.309	51.36	-0.26	51.10	74.00	-22.90			peak
5		5456.642	56.05	0.72	56.77	74.00	-17.23			peak
6	*	5456.642	36.65	0.72	37.37	54.00	-16.63	200	138	AVG
7		6986.392	42.30	5.35	47.65	68.20	-20.55			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=1/T,(For the value of 1/T, please refer to the table on page 27).  
5. For duty cycle, please refer to clause 6.1





### 7-18GHz



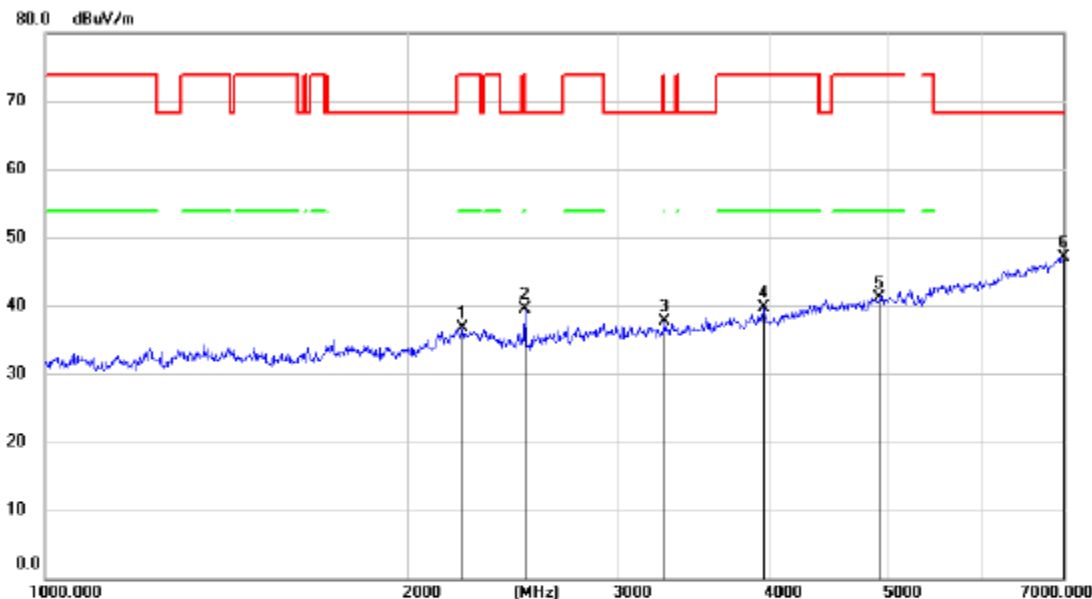
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1	*	7022.000	52.90	5.59	58.49	68.20	-9.71			peak
2		10531.00	36.15	11.93	48.08	68.20	-20.12			peak
3		11862.00	34.36	14.73	49.09	74.00	-24.91			peak
4		13787.00	32.00	18.91	50.91	68.20	-17.29			peak
5		17087.00	29.55	20.60	50.15	68.20	-18.05			peak
6		17813.00	27.58	24.44	52.02	74.00	-21.98			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.



## HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

### HORIZONTAL RESULTS 1-7GHz

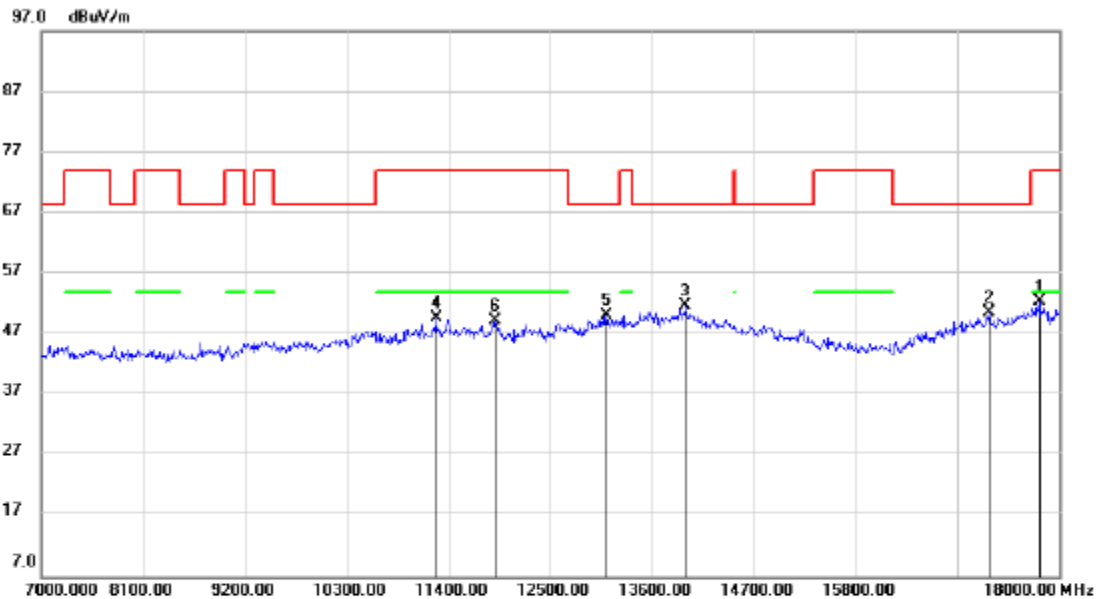


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2220.702	45.34	-8.66	36.68	74.00	-37.32	peak		
2		2500.582	48.77	-9.28	39.49	68.20	-28.71	peak		
3		3270.881	44.28	-6.56	37.72	68.20	-30.48	peak		
4		3950.383	44.21	-4.54	39.67	74.00	-34.33	peak		
5		4931.515	41.76	-0.74	41.02	74.00	-32.98	peak		
6	*	7000.000	41.77	5.39	47.16	68.20	-21.04	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.



**HORIZONTAL RESULTS**  
**7-18GHz**

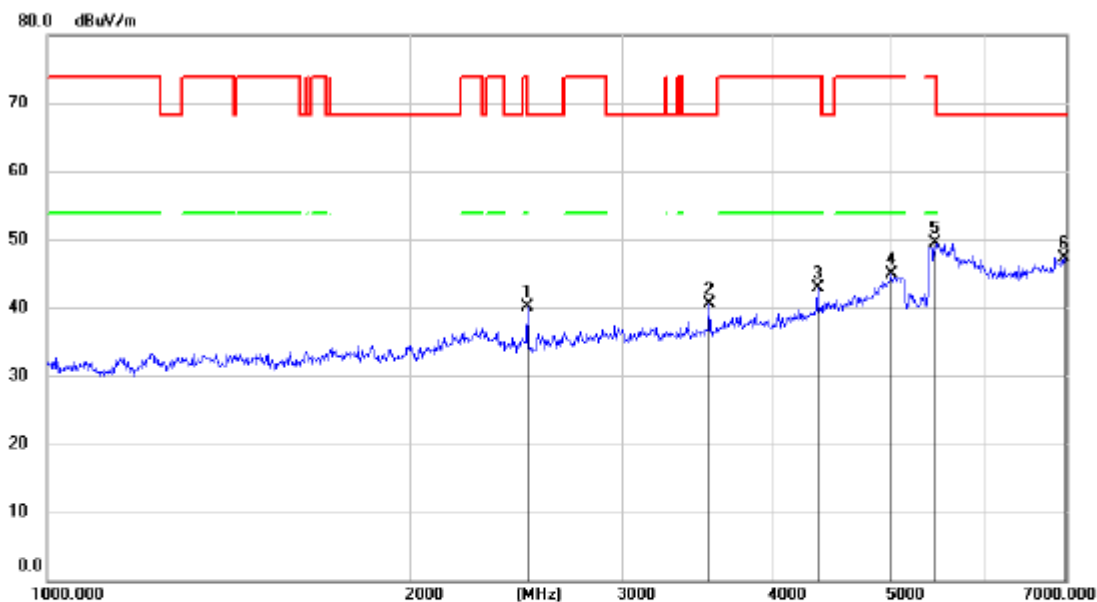


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		17780.00	28.29	23.98	52.27	74.00	-21.73	peak		
2		17241.00	30.13	20.52	50.65	68.20	-17.55	peak		
3	*	13963.00	33.03	18.53	51.56	68.20	-16.64	peak		
4		11268.00	36.08	13.46	49.54	74.00	-24.46	peak		
5		13105.00	33.52	16.46	49.98	68.20	-18.22	peak		
6		11906.00	33.94	15.16	49.10	74.00	-24.90	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.



**VERTICAL RESULTS**  
**1-7GHz**

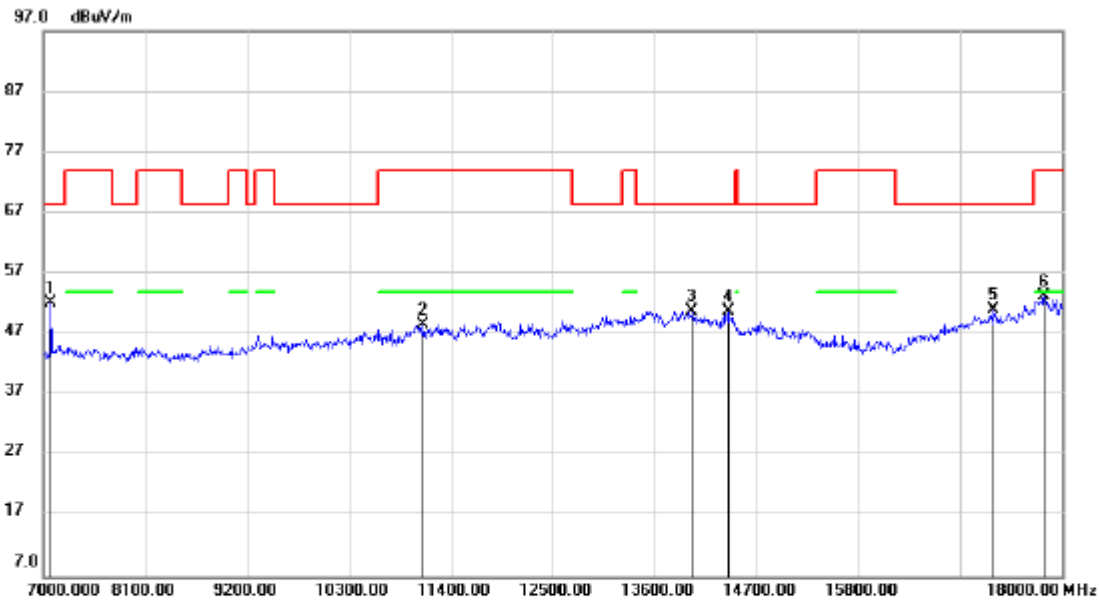


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2500.582	49.38	-9.18	40.20	68.20	-28.00			peak
2		3542.532	46.20	-5.79	40.41	68.20	-27.79			peak
3		4354.057	45.68	-2.71	42.97	74.00	-31.03			peak
4		5008.886	45.71	-0.75	44.96	74.00	-29.04			peak
5		5456.642	48.69	0.72	49.41	74.00	-24.59			peak
6	*	6972.810	42.08	5.29	47.37	68.20	-20.83			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.



### 7-18GHz



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna Table		
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1	*	7077.000	46.00	6.03	52.03	68.20	-16.17	peak		
2		11103.00	35.75	12.83	48.58	74.00	-25.42	peak		
3		14007.00	32.32	18.54	50.86	68.20	-17.34	peak		
4		14392.00	32.38	18.32	50.70	68.20	-17.50	peak		
5		17263.00	30.00	20.97	50.97	68.20	-17.23	peak		
6		17802.00	28.59	24.61	53.20	74.00	-20.80	peak		

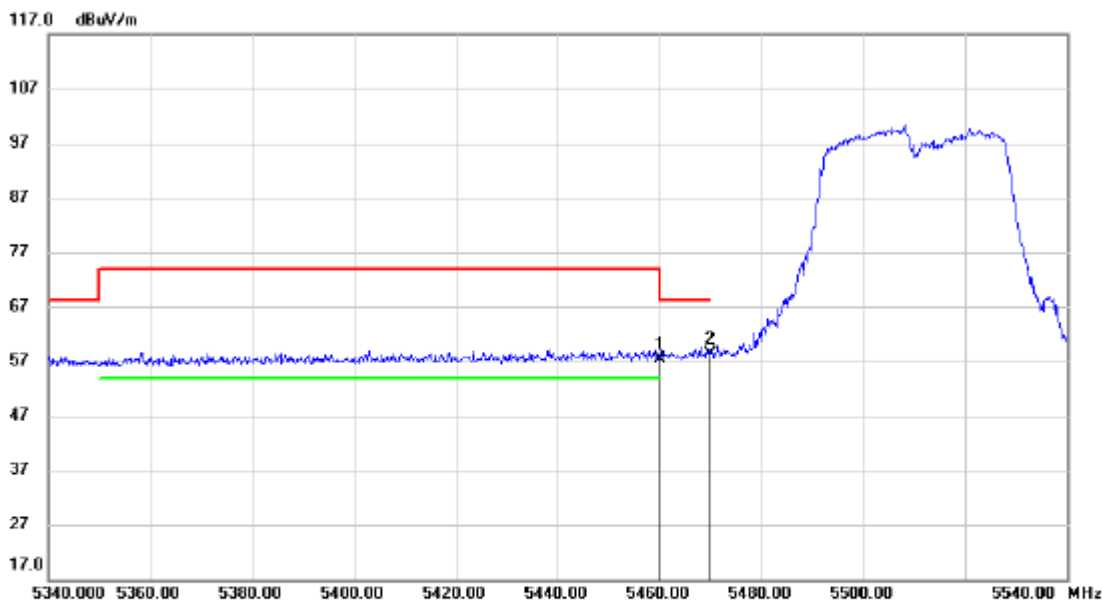
Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.



**7.5.3. UNII-2C BAND**  
**MIMO MODE (WORST-CASE CONFIGURATION)**

**RESTRICTED BANDEDGE LOW CHANNEL**

**HORIZONTAL RESULTS**  
**PEAK**

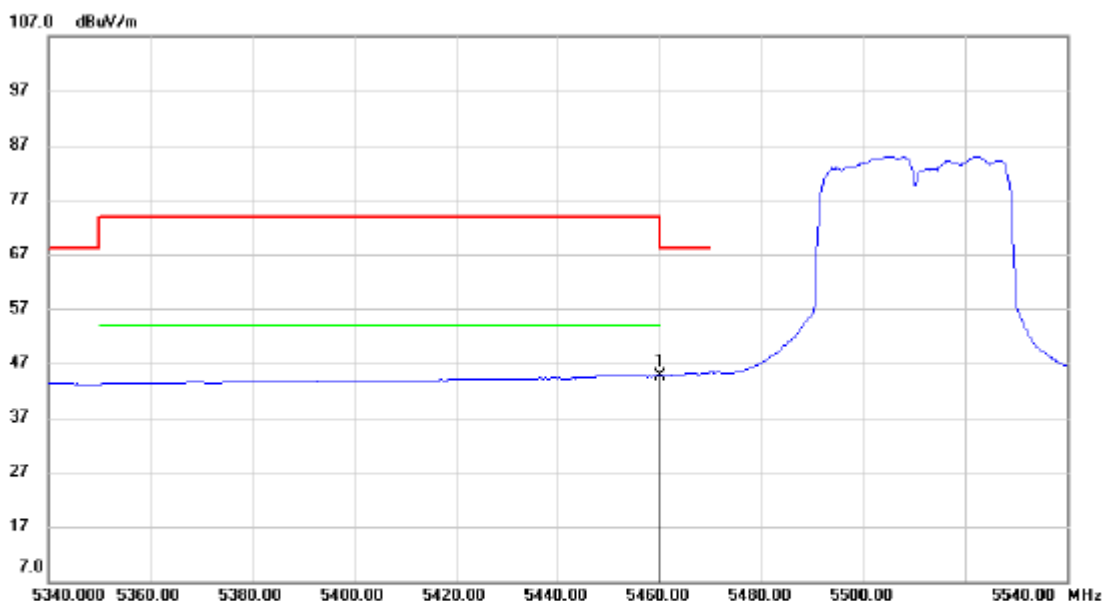


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5460.000	16.06	41.26	57.32	68.20	-10.88			peak
2	*	5470.000	16.96	41.33	58.29	68.20	-9.91			peak

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.



**AVG**

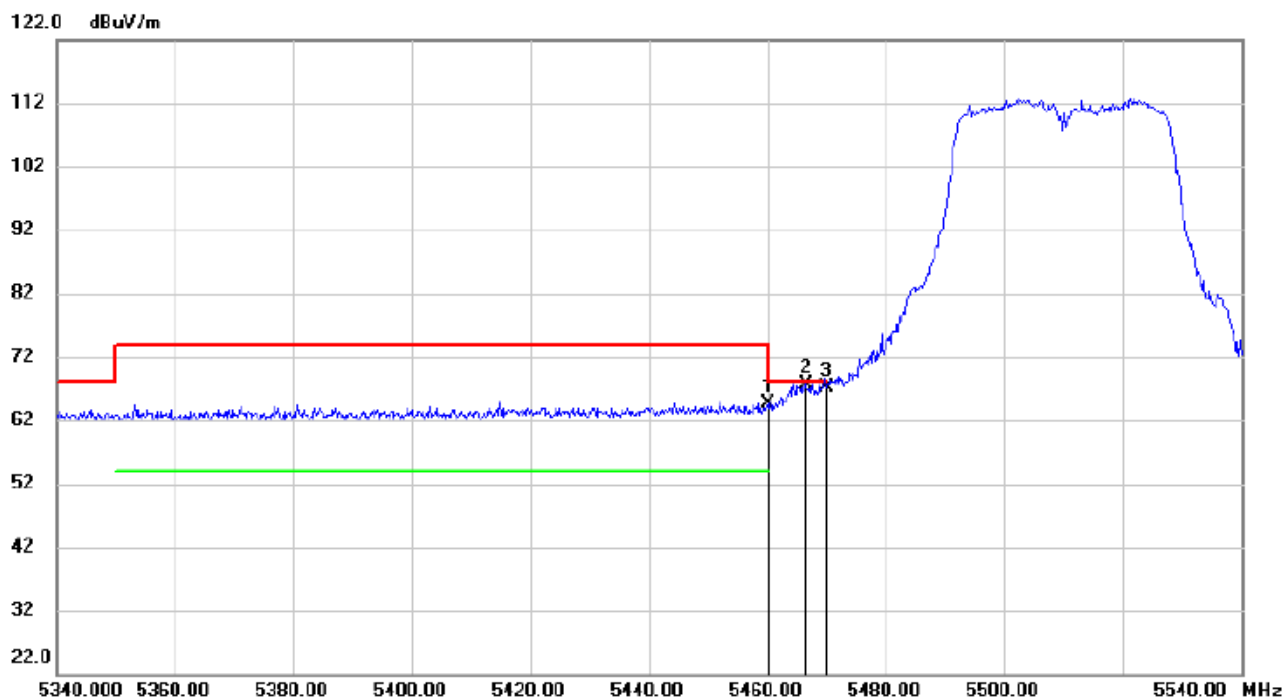


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5460.000	3.33	41.26	44.59	54.00	-9.41	AVG		

- Note: 1. Measurement = Reading Level + Correct Factor.  
2. AVG:VBW=1/T,(For the value of 1/T, please refer to the table on page 27).  
3. For duty cycle, please refer to clause 6.1.



**VERTICAL RESULTS**  
**PEAK**



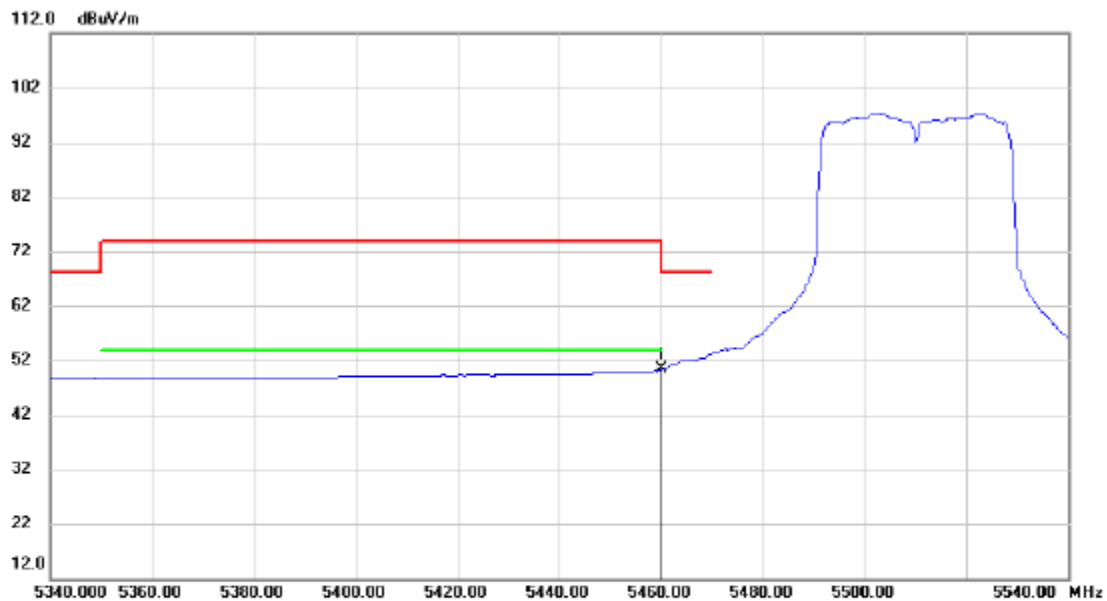
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5460.000	23.30	41.26	64.56	68.20	-3.64			peak
2	*	5466.400	26.44	41.31	67.75	68.20	-0.45			peak
3		5470.000	25.91	41.33	67.24	68.20	-0.96			peak

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.





**AVG**



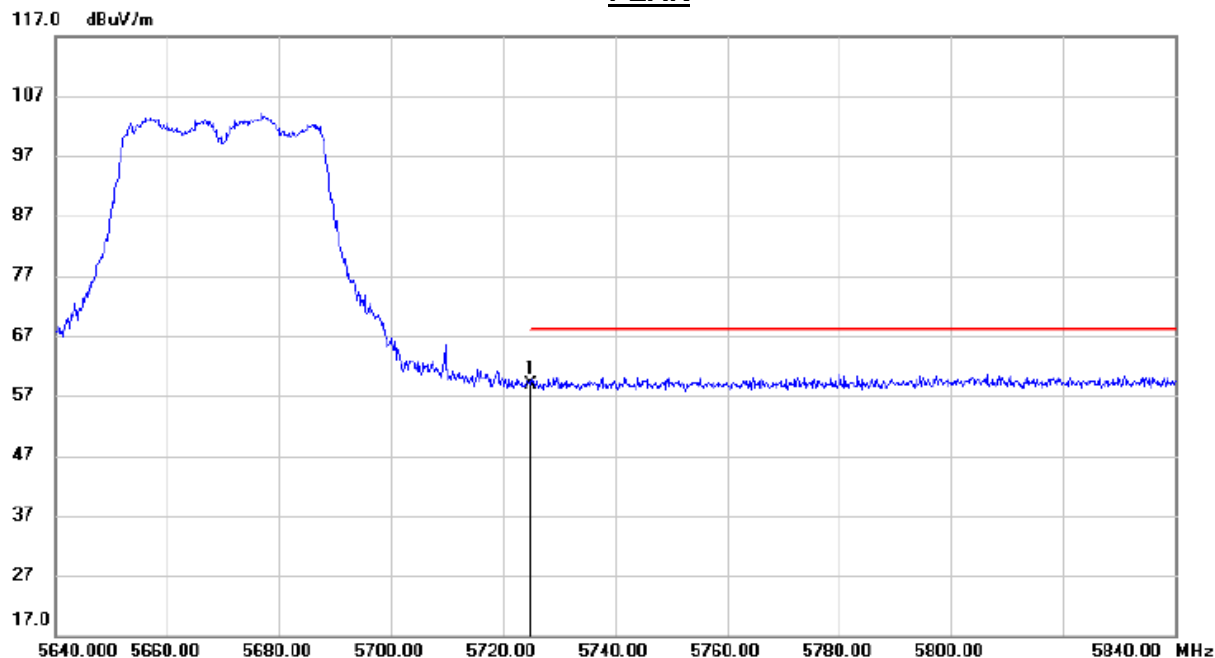
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5460.000	9.03	41.26	50.29	54.00	-3.71	AVG		

- Note: 1. Measurement = Reading Level + Correct Factor.  
2. AVG:VBW=1/T,(For the value of 1/T, please refer to the table on page 27).  
3. For duty cycle, please refer to clause 6.1.



**RESTRICTED BANDEDGE HIGH CHANNEL**

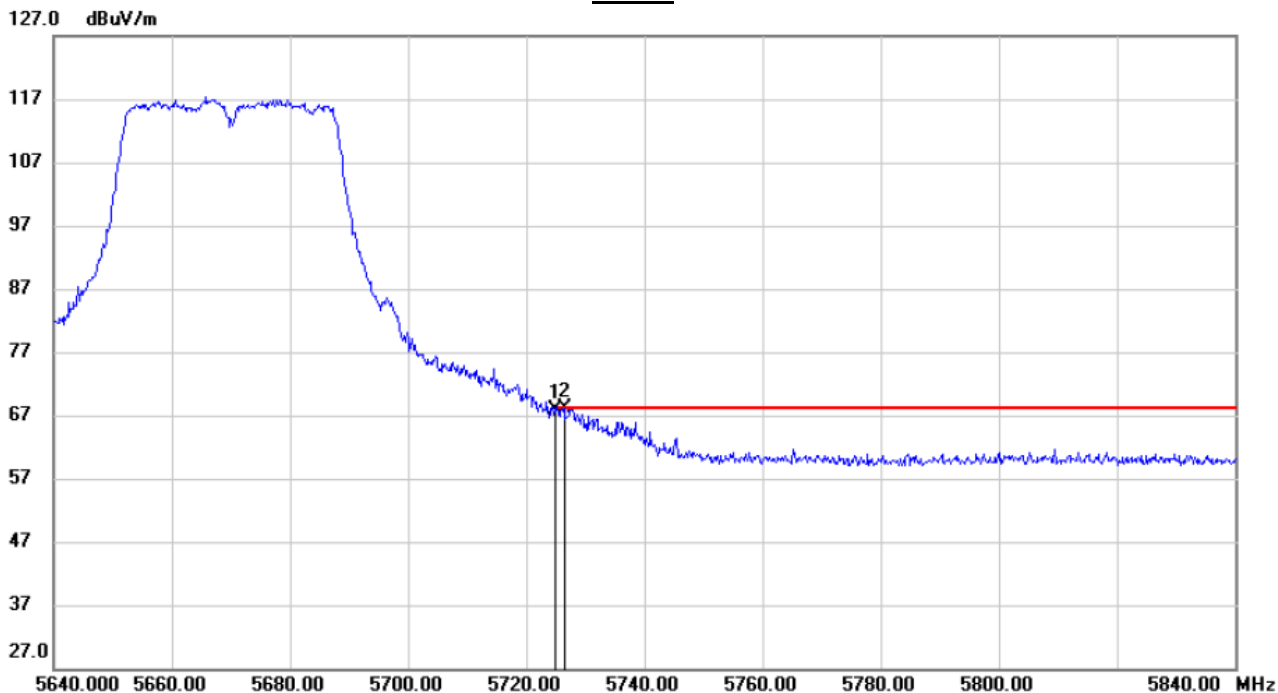
**HORIZONTAL RESULTS**  
**PEAK**



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5725.000	17.56	41.39	58.95	68.20	-9.25	peak		



**VERTICAL RESULTS**  
**PEAK**

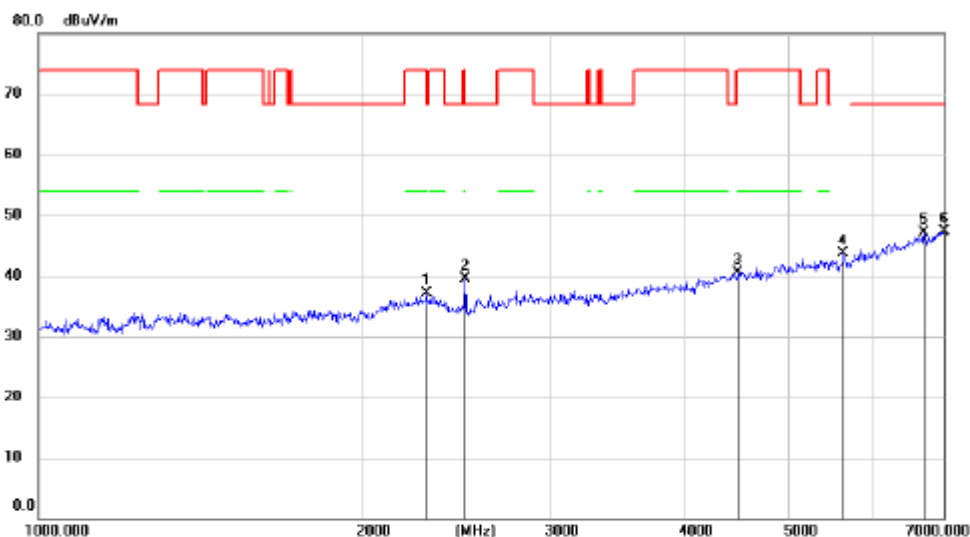


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5725.000	26.28	41.49	67.77	68.20	-0.43			peak
2	*	5726.400	26.67	41.49	68.16	68.20	-0.04			peak



## HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

### HORIZONTAL RESULTS 1-7GHz

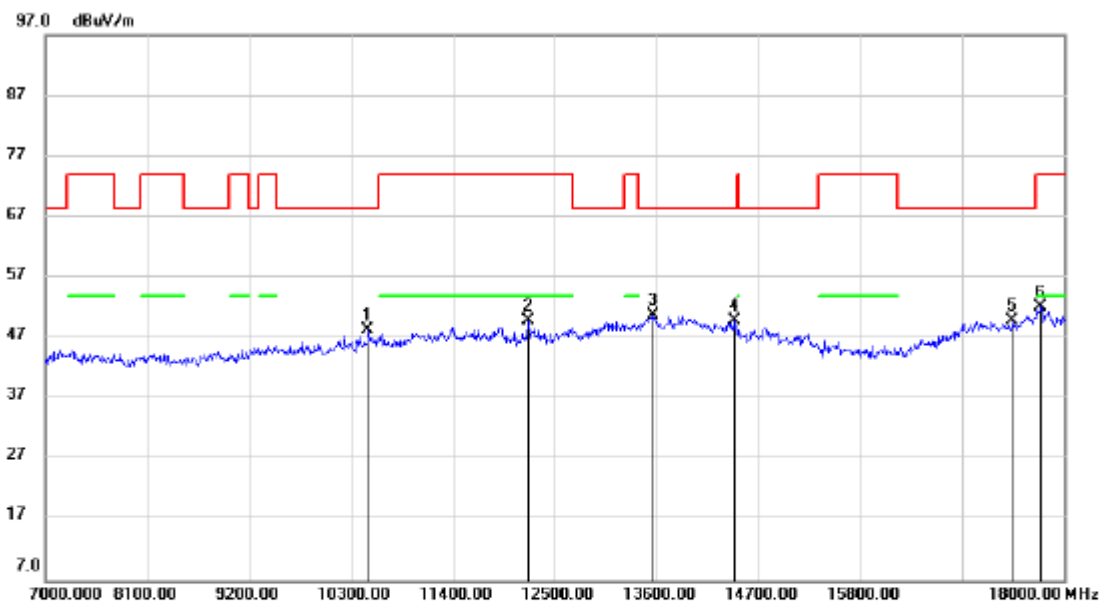


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna Table		
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		2304.343	45.52	-8.40	37.12	68.20	-31.08			peak
2		2500.582	48.87	-9.28	39.59	68.20	-28.61			peak
3		4509.266	42.75	-2.24	40.51	74.00	-33.49			peak
4		5640.170	42.88	0.73	43.61					peak
5		6706.654	43.02	4.17	47.19	68.20	-21.01			peak
6	*	7000.000	41.94	5.39	47.33	68.20	-20.87			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.



**HORIZONTAL RESULTS**  
**7-18GHz**

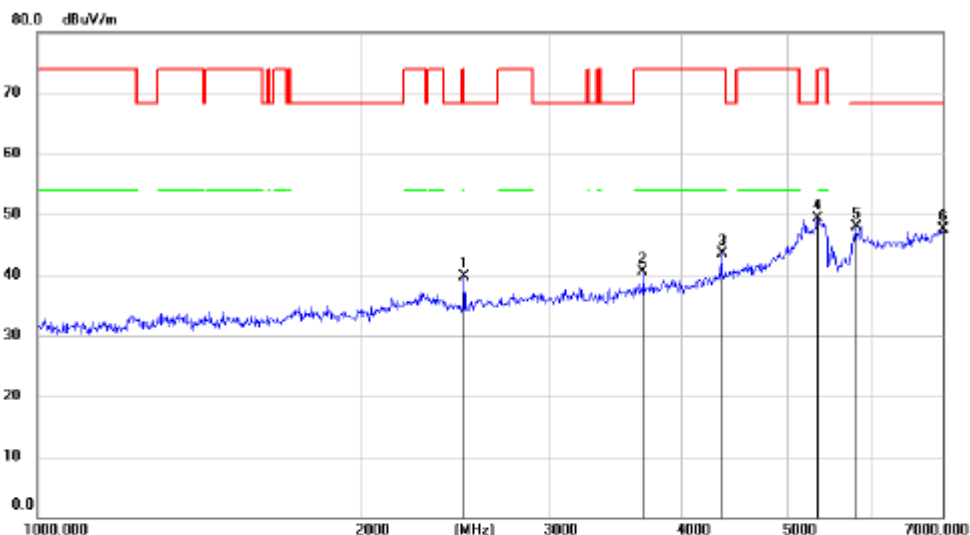


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		10487.00	36.34	11.85	48.19	68.20	-20.01	peak		
2		12214.00	35.54	14.27	49.81	74.00	-24.19	peak		
3	*	13556.00	32.41	18.33	50.74	68.20	-17.46	peak		
4		14436.00	32.44	17.35	49.79	68.20	-18.41	peak		
5		17439.00	28.83	21.08	49.91	68.20	-18.29	peak		
6		17747.00	28.58	23.57	52.15	74.00	-21.85	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.



**VERTICAL RESULTS**  
**1-7GHz**

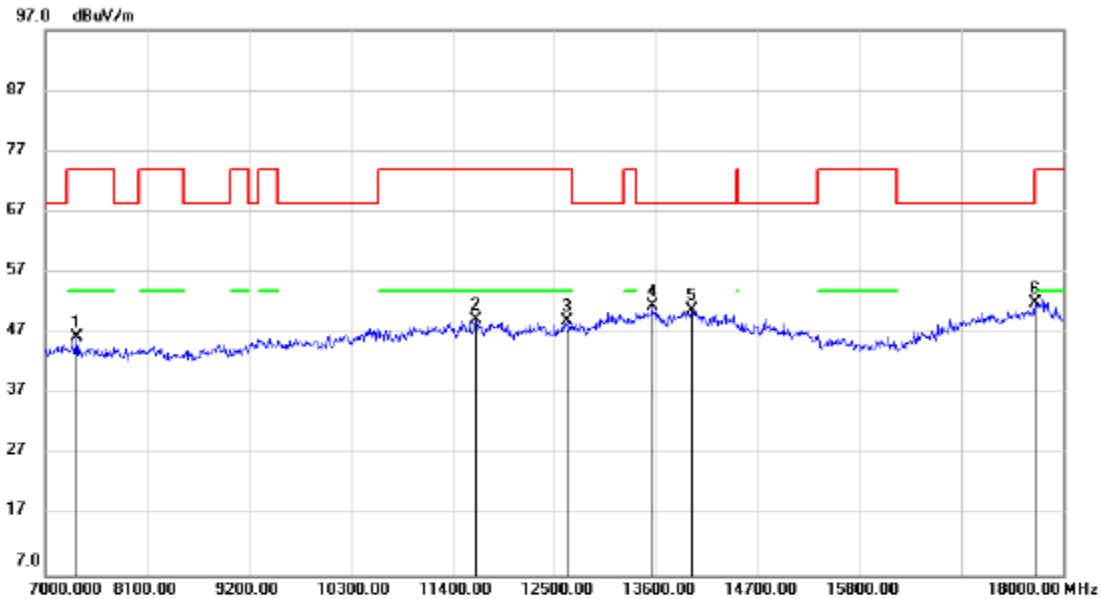


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2500.582	48.89	-9.18	39.71	68.20	-28.49			peak
2		3675.958	45.71	-5.12	40.59	74.00	-33.41			peak
3		4354.057	46.23	-2.71	43.52	74.00	-30.48			peak
4		5351.487	49.36	-0.01	49.35	74.00	-24.65			peak
5	*	5807.225	46.49	1.43	47.92	68.20	-20.28			peak
6		7000.000	42.10	5.39	47.49	68.20	-20.71			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.



### 7-18GHz



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Height	Degree	Comment
1		7341.000	40.14	6.09	46.23	74.00	-27.77	peak		
2		11653.00	34.69	14.47	49.16	74.00	-24.84	peak		
3		12632.00	33.56	15.51	49.07	74.00	-24.93	peak		
4		13556.00	32.57	18.84	51.41	68.20	-16.79	peak		
5		13985.00	32.24	18.60	50.84	68.20	-17.36	peak		
6	*	17692.00	28.55	23.24	51.79	68.20	-16.41	peak		

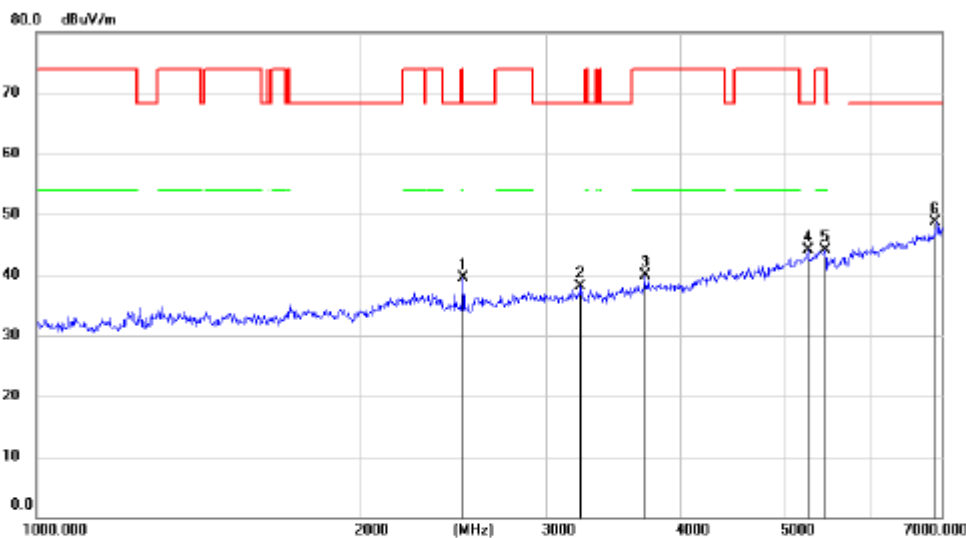
Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.



## HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

### HORIZONTAL RESULTS

1-7GHz



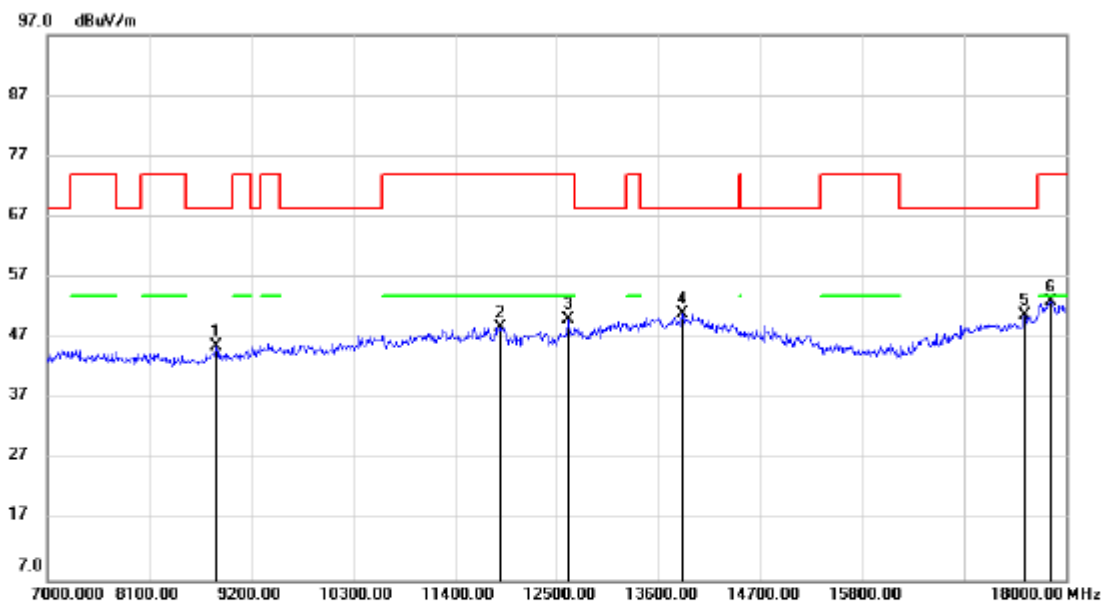
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna Table		
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		2500.582	48.80	-9.28	39.52	68.20	-28.68			peak
2		3220.356	44.60	-6.51	38.09	68.20	-30.11			peak
3		3697.480	44.99	-5.09	39.90	74.00	-34.10			peak
4		5248.359	44.25	-0.22	44.03	68.20	-24.17			peak
5		5456.642	43.46	0.72	44.18	74.00	-29.82			peak
6	*	6932.223	43.47	5.14	48.61	68.20	-19.59			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.





**HORIZONTAL RESULTS**  
**7-18GHz**

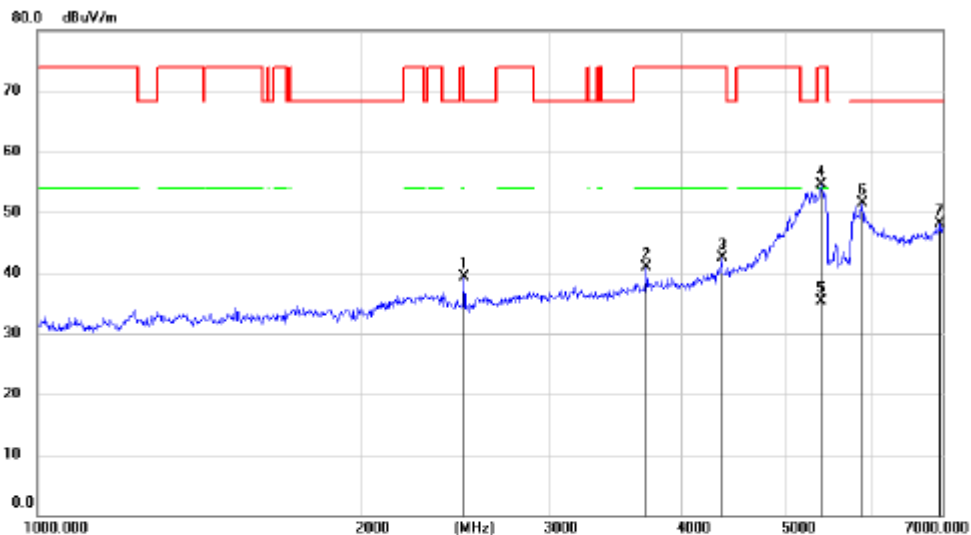


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		8826.000	37.49	8.01	45.50	68.20	-22.70			peak
2		11884.00	33.91	14.93	48.84	74.00	-25.16			peak
3		12621.00	34.76	15.24	50.00	74.00	-24.00			peak
4	*	13853.00	32.50	18.59	51.09	68.20	-17.11			peak
5		17549.00	28.62	22.06	50.68	68.20	-17.52			peak
6		17824.00	28.81	24.25	53.06	74.00	-20.94			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.



**VERTICAL RESULTS**  
**1-7GHz**

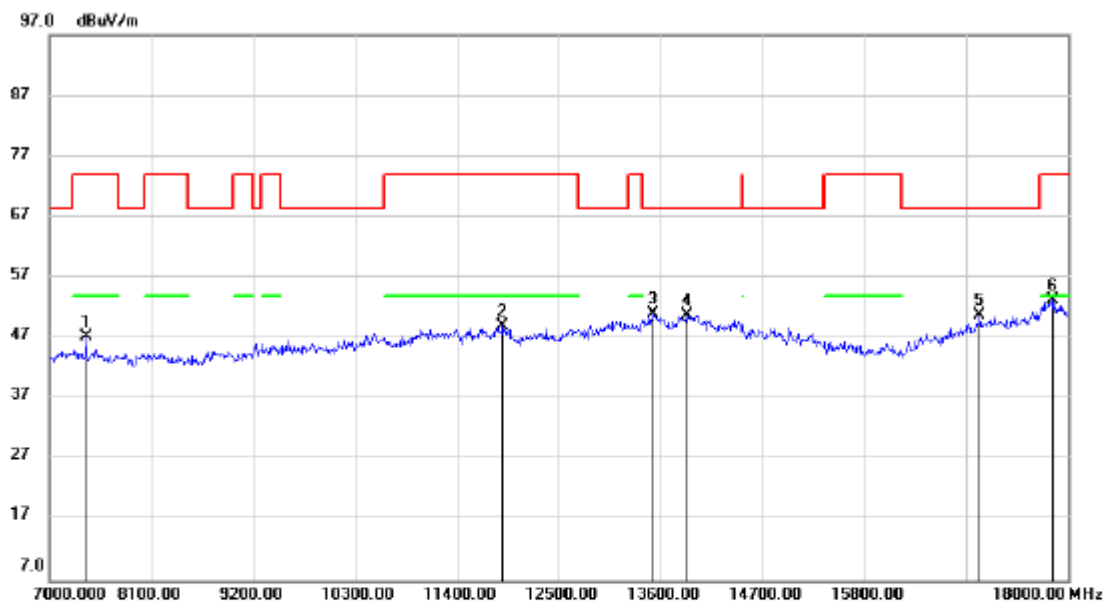


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	2500.582	48.51	-9.18	39.33	68.20	-28.87	peak			
2	3711.898	45.80	-4.97	40.83	74.00	-33.17	peak			
3	4354.057	45.18	-2.71	42.47	74.00	-31.53	peak			
4	5393.304	54.23	0.27	54.50	74.00	-19.50	peak			
5	5393.304	34.94	0.27	35.21	54.00	-18.79	AVG	200	89	
6 *	5886.868	50.04	1.49	51.53	68.20	-16.67	peak			
7	6959.255	42.83	5.24	48.07	68.20	-20.13	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.



### 7-18GHz



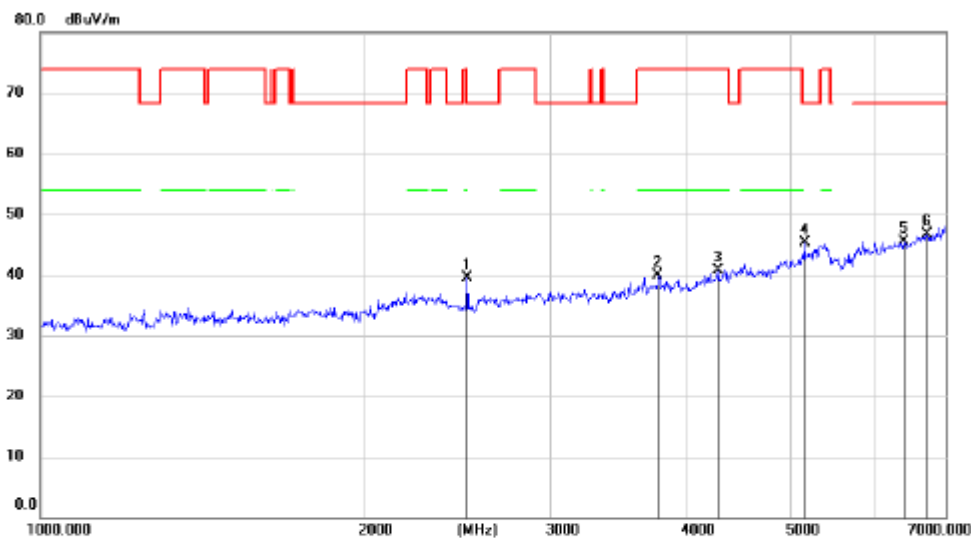
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna Table		
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		7396.000	41.57	5.68	47.25	74.00	-26.75			peak
2		11895.00	34.27	14.75	49.02	74.00	-24.98			peak
3	*	13523.00	32.21	18.72	50.93	68.20	-17.27			peak
4		13886.00	32.09	18.76	50.85	68.20	-17.35			peak
5		17043.00	30.26	20.41	50.67	68.20	-17.53			peak
6		17824.00	28.92	24.26	53.18	74.00	-20.82			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.



## HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

### HORIZONTAL RESULTS 1-7GHz

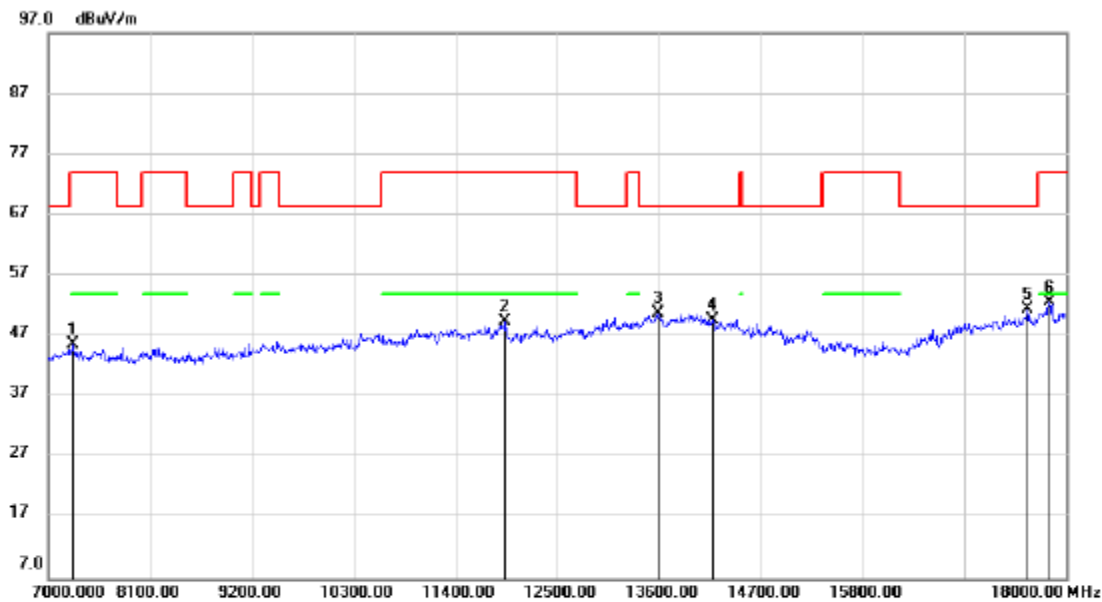


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table
		MHz	Level	Factor	ment			Height	Degree
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1		2500.582	48.70	-9.28	39.42	68.20	-28.78	peak	
2		3777.478	44.76	-4.89	39.87	74.00	-34.13	peak	
3		4303.517	43.85	-3.12	40.73	74.00	-33.27	peak	
4		5167.289	45.45	-0.21	45.24	68.20	-22.96	peak	
5		6400.642	42.29	3.26	45.55	68.20	-22.65	peak	
6	*	6732.806	42.48	4.15	46.63	68.20	-21.57	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.



**HORIZONTAL RESULTS**  
**7-18GHz**

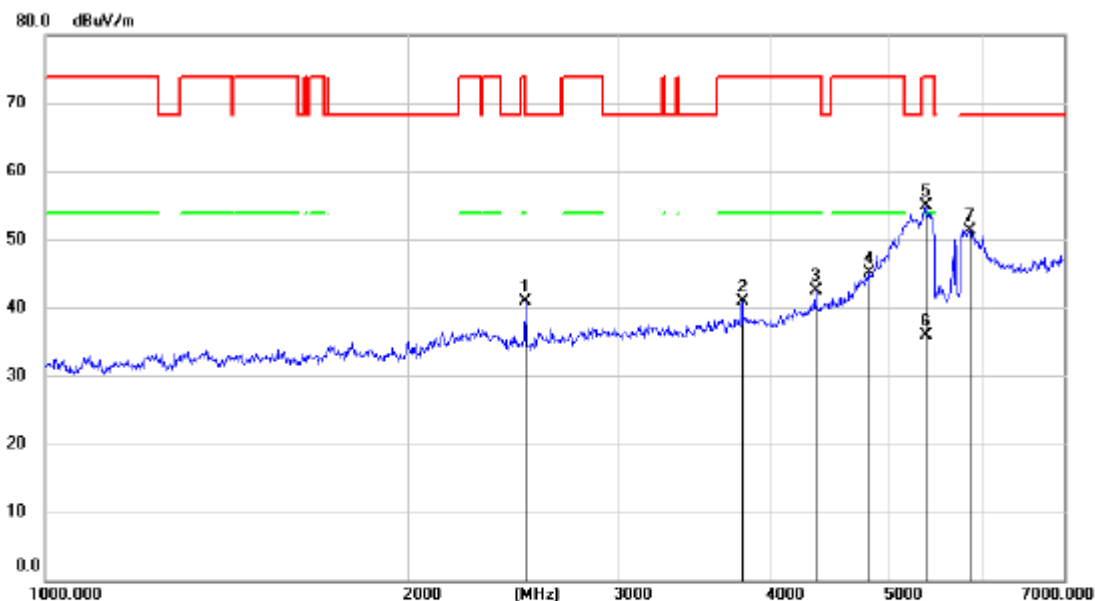


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		7275.000	39.12	6.46	45.58	74.00	-28.42	peak		
2		11939.00	34.79	14.62	49.41	74.00	-24.59	peak		
3		13589.00	32.23	18.49	50.72	68.20	-17.48	peak		
4		14172.00	31.69	18.04	49.73	68.20	-18.47	peak		
5	*	17582.00	29.18	22.18	51.36	68.20	-16.84	peak		
6		17813.00	28.20	24.25	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.



**VERTICAL RESULTS**  
**1-7GHz**

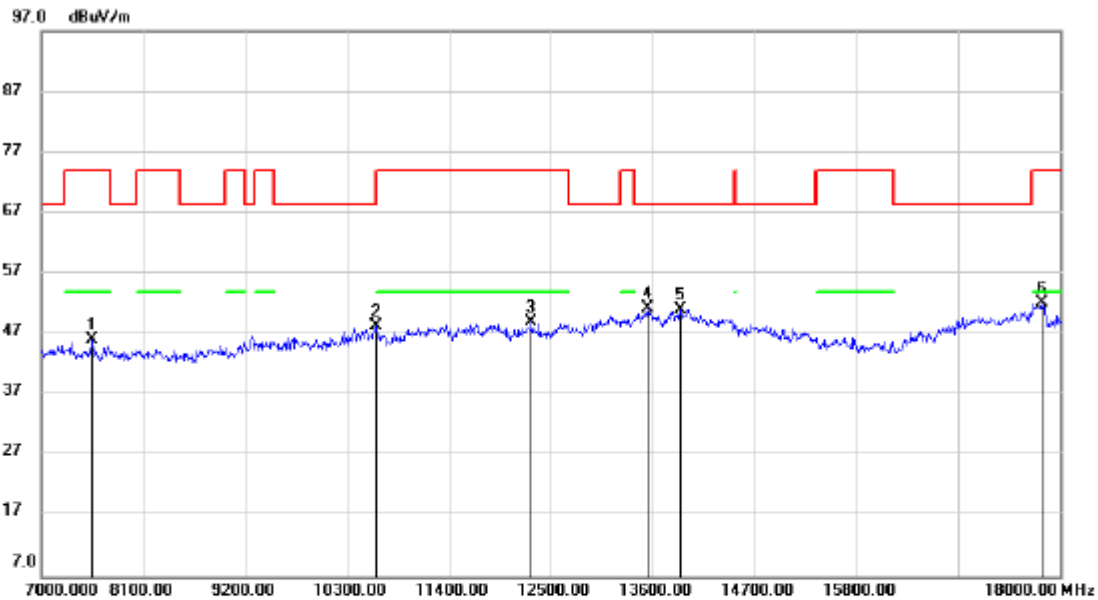


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna Table		
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2500.582	50.00	-9.18	40.82	68.20	-27.38	peak		
2		3784.836	45.74	-4.81	40.93	74.00	-33.07	peak		
3		4354.057	45.16	-2.71	42.45	74.00	-31.55	peak		
4		4836.480	46.42	-1.39	45.03	74.00	-28.97	peak		
5		5372.355	54.73	0.13	54.86	74.00	-19.14	peak		
6		5372.355	35.68	0.13	35.81	54.00	-18.19	AVG	200	106
7	*	5852.602	49.88	1.51	51.39	68.20	-16.81	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.



### 7-18GHz



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		7550.000	39.20	6.76	45.96	74.00	-28.04	peak		
2		10608.00	36.27	11.98	48.25	74.00	-25.75	peak		
3		12291.00	34.38	14.54	48.92	74.00	-25.08	peak		
4	*	13545.00	32.36	18.86	51.22	68.20	-16.98	peak		
5		13897.00	32.31	18.74	51.05	68.20	-17.15	peak		
6		17802.00	27.46	24.61	52.07	74.00	-21.93	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.

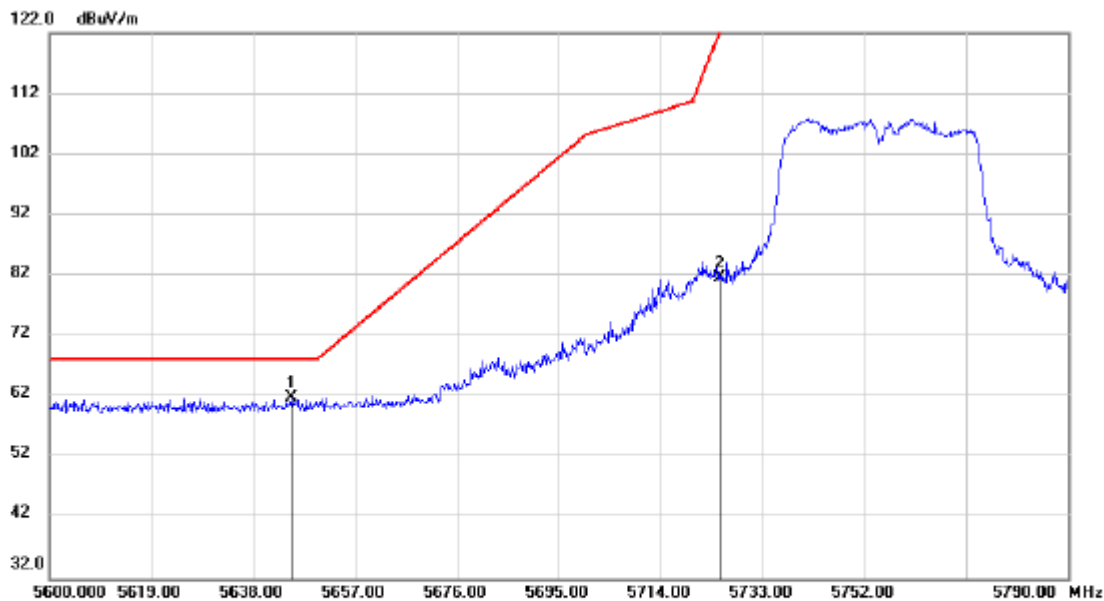


#### 7.5.4. UNII-3 BAND

##### MIMO MODE (WORST-CASE CONFIGURATION)

##### RESTRICTED BANDEDGE LOW CHANNEL

##### HORIZONTAL RESULTS



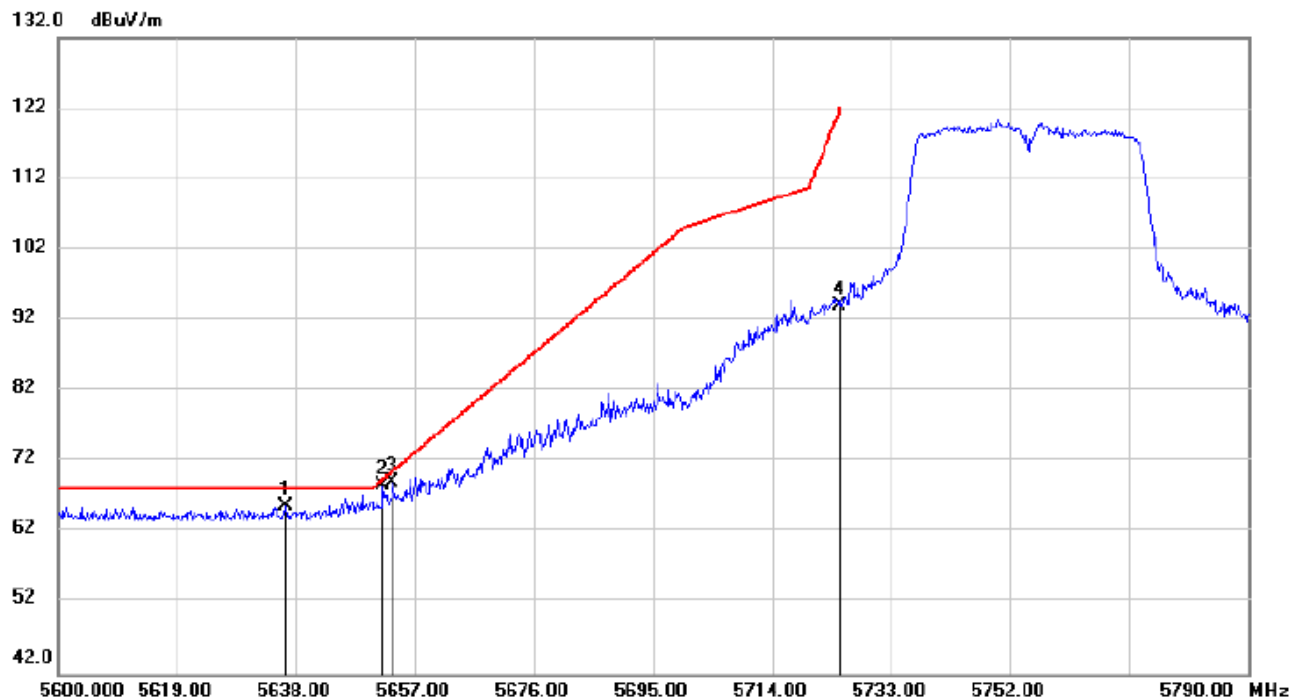
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5645.220	20.56	41.18	61.74	68.20	-6.46			peak
2		5725.000	40.19	41.39	81.58	122.2	-40.62			peak

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





### VERTICAL RESULTS



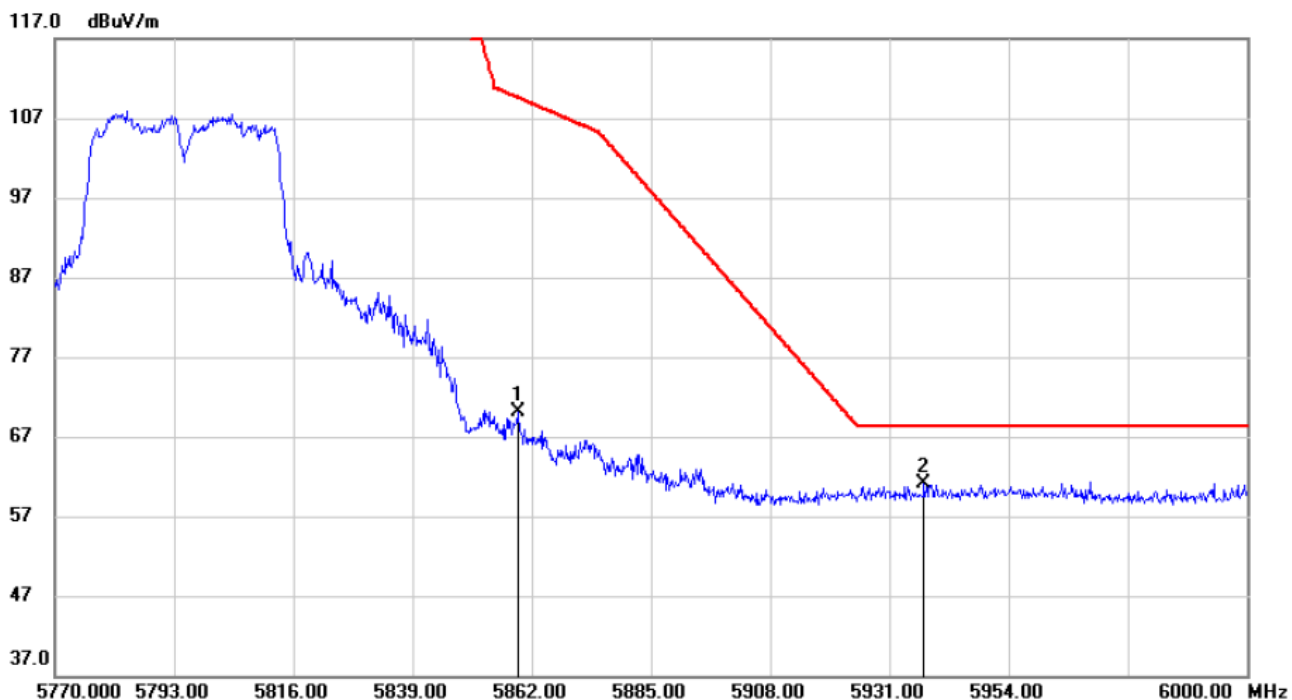
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		5636.290	24.53	41.24	65.77	68.20	-2.43	peak		
2	*	5651.870	27.36	41.29	68.65	69.58	-0.93	peak		
3		5653.390	27.75	41.29	69.04	70.71	-1.67	peak		
4		5725.000	52.57	41.49	94.06	122.2	-28.14	peak		

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



**RESTRICTED BANDEDGE HIGH CHANNEL**

**HORIZONTAL RESULTS**

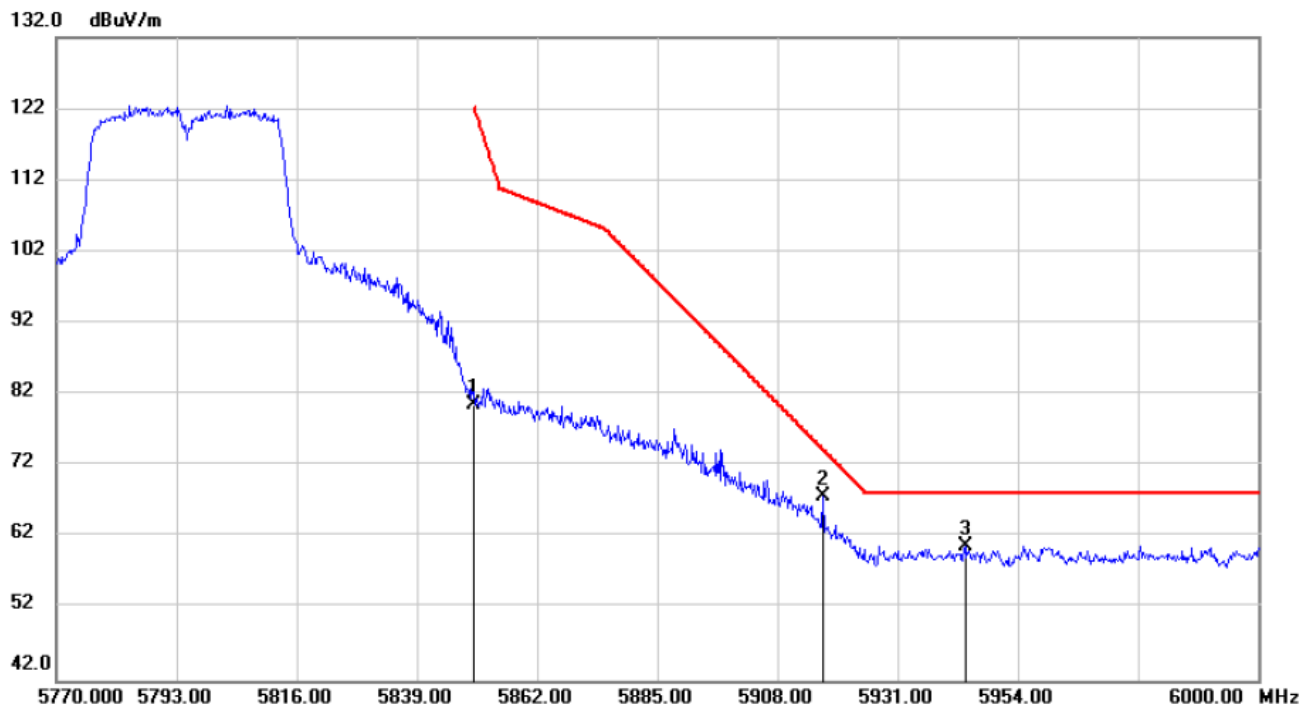


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5859.470	28.43	41.76	70.19	109.5	-39.36			peak
2	*	5937.670	19.13	41.94	61.07	68.20	-7.13			peak

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



### VERTICAL RESULTS



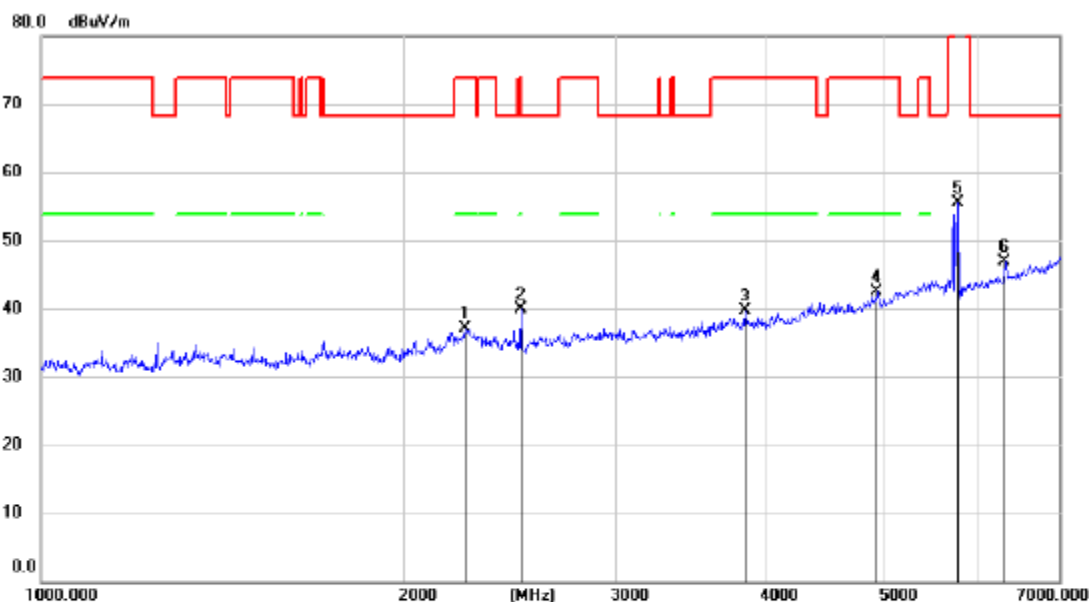
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5850.000	38.64	41.87	80.51	122.2	-41.69			peak
2	*	5916.740	25.78	41.92	67.70	74.31	-6.61			peak
3		5943.880	18.62	42.07	60.69	68.20	-7.51			peak

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



## HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

### HORIZONTAL RESULTS 1-7GHz

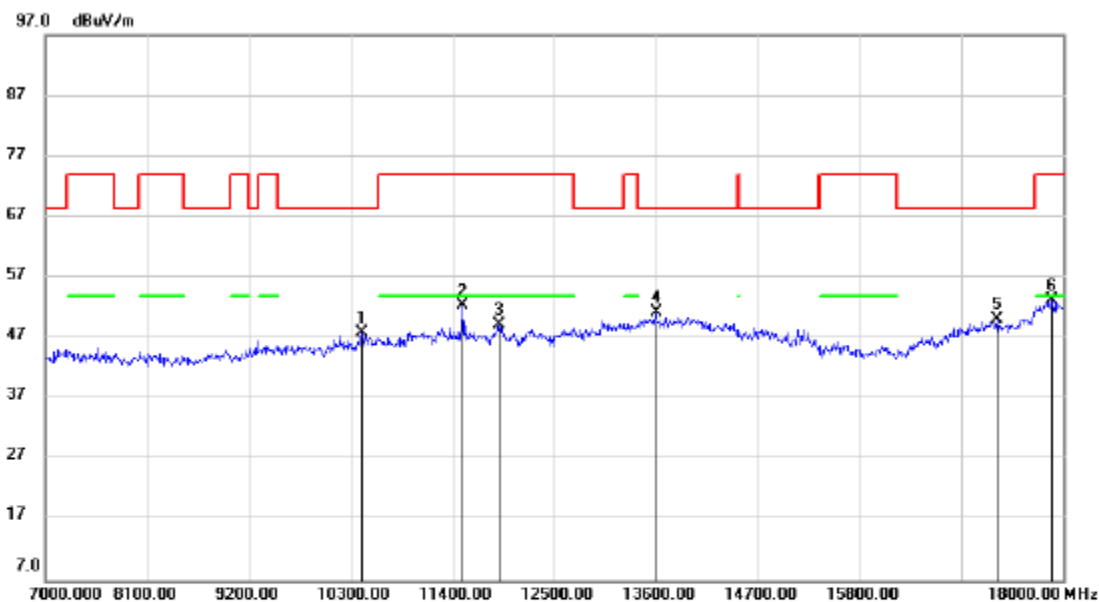


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		2246.781	45.47	-8.41	37.06	74.00	-36.94			peak
2		2500.582	49.15	-9.28	39.87	68.20	-28.33			peak
3		3836.743	44.50	-4.72	39.78	74.00	-34.22			peak
4		4950.745	43.25	-0.78	42.47	74.00	-31.53			peak
5		5773.422	54.39	1.18	55.57					peak
6	*	6314.047	43.63	3.24	46.87	68.20	-21.33			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.



**HORIZONTAL RESULTS**  
**7-18GHz**

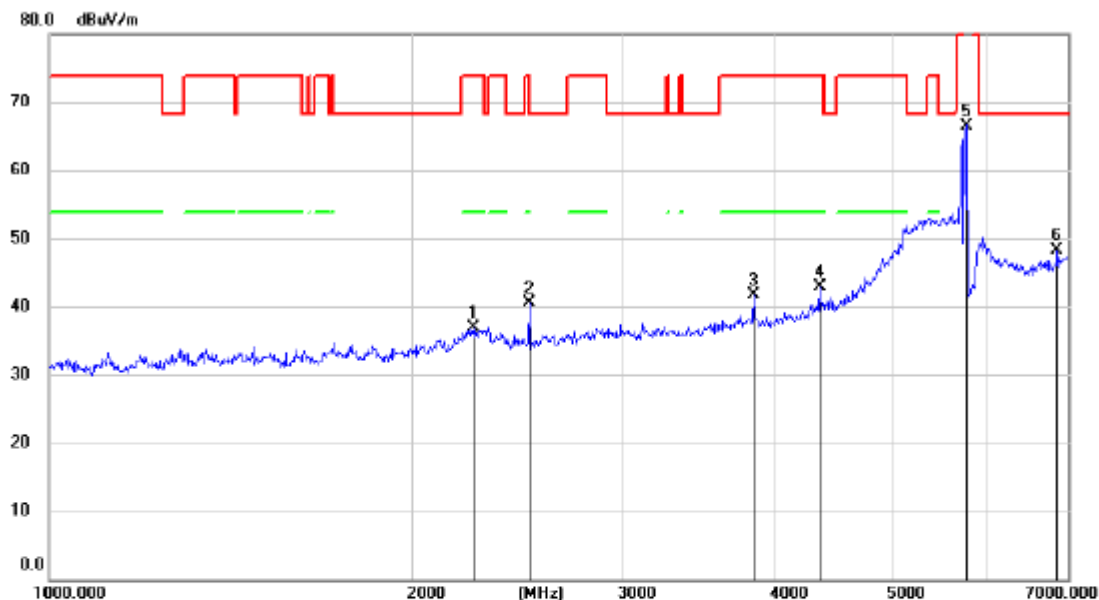


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna Table		
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		10421.00	36.31	11.51	47.82	68.20	-20.38	peak		
2		11510.00	38.77	13.55	52.32	74.00	-21.68	peak		
3		11906.00	33.98	15.16	49.14	74.00	-24.86	peak		
4	*	13600.00	32.71	18.54	51.25	68.20	-16.95	peak		
5		17285.00	29.55	20.51	50.06	68.20	-18.14	peak		
6		17868.00	29.09	24.16	53.25	74.00	-20.75	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.



**VERTICAL RESULTS**  
**1-7GHz**

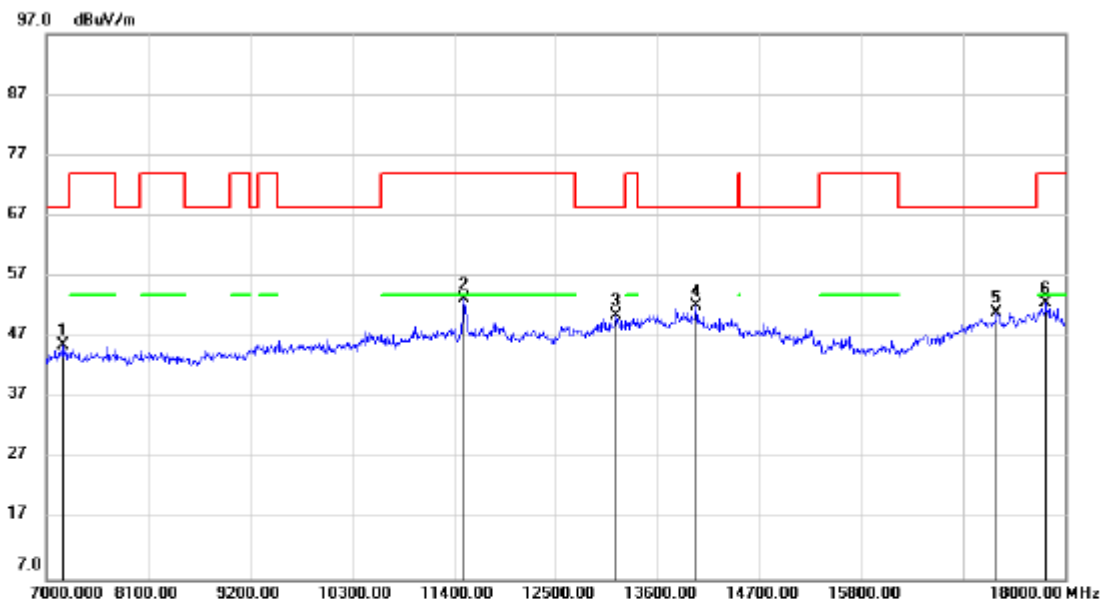


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2246.781	45.39	-8.41	36.98	74.00	-37.02			peak
2		2500.582	49.62	-9.18	40.44	68.20	-27.76			peak
3		3836.743	46.27	-4.62	41.65	74.00	-32.35			peak
4		4354.057	45.53	-2.71	42.82	74.00	-31.18			peak
5		5773.422	65.32	1.28	66.60					peak
6	*	6851.757	43.55	4.78	48.33	68.20	-19.87			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.



### 7-18GHz



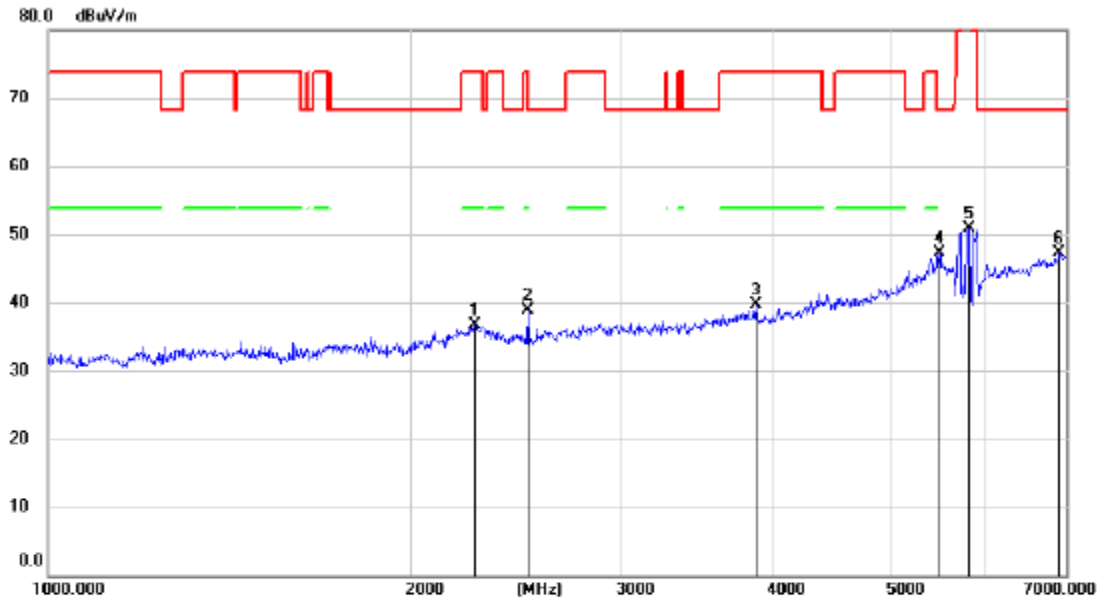
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table
		MHz	Level	Factor	ment			Height	Degree
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1		7176.000	39.08	6.45	45.53	68.20	-22.67	peak	
2		11510.00	39.23	14.11	53.34	74.00	-20.66	peak	
3		13149.00	33.61	16.86	50.47	68.20	-17.73	peak	
4	*	14018.00	33.68	18.50	52.18	68.20	-16.02	peak	
5		17263.00	29.98	20.97	50.95	68.20	-17.25	peak	
6		17791.00	27.97	24.52	52.49	74.00	-21.51	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.



## HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

### HORIZONTAL RESULTS 1-7GHz



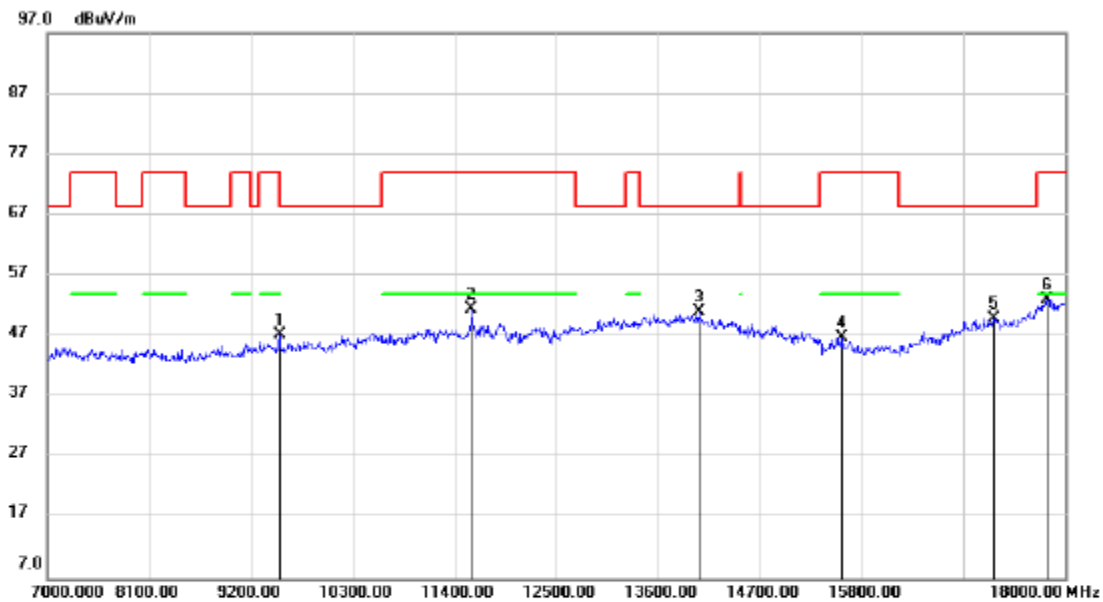
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2264.338	45.01	-8.37	36.64	74.00	-37.36			peak
2		2500.582	48.16	-9.28	38.88	68.20	-29.32			peak
3		3866.724	44.33	-4.65	39.68	74.00	-34.32			peak
4	*	5488.590	46.38	0.95	47.33	68.20	-20.87			peak
5		5807.225	49.57	1.33	50.90					peak
6		6905.297	42.26	5.04	47.30	68.20	-20.90			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.





**HORIZONTAL RESULTS**  
**7-18GHz**

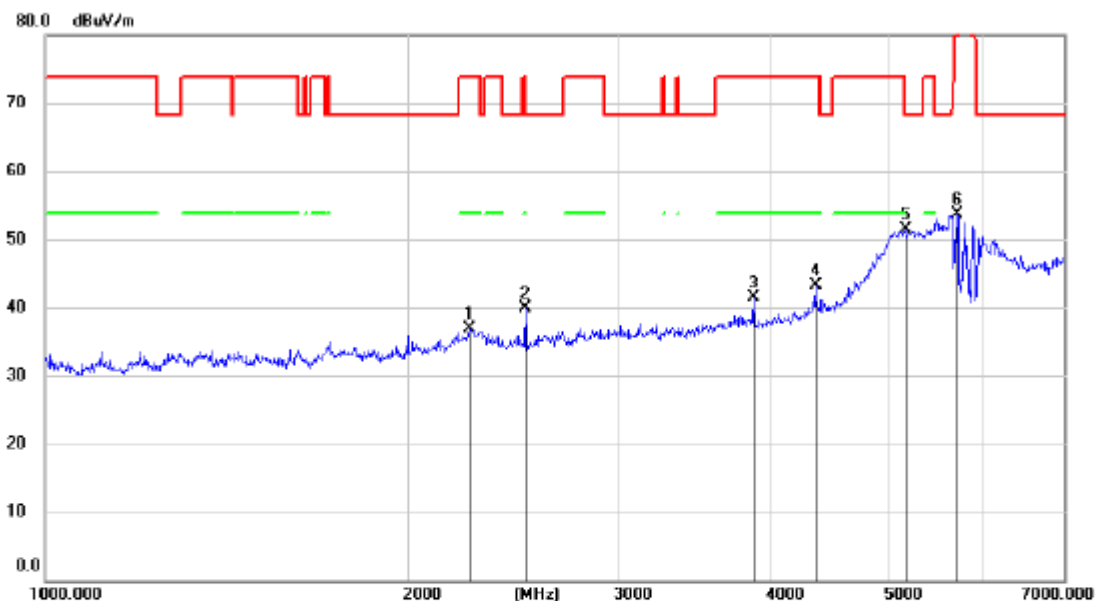


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		9508.000	37.42	9.68	47.10	68.20	-21.10	peak		
2		11587.00	37.15	14.31	51.46	74.00	-22.54	peak		
3	*	14040.00	32.51	18.48	50.99	68.20	-17.21	peak		
4		15591.00	31.82	14.84	46.66	74.00	-27.34	peak		
5		17230.00	29.40	20.54	49.94	68.20	-18.26	peak		
6		17802.00	28.88	24.24	53.12	74.00	-20.88	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.



**VERTICAL RESULTS**  
**1-7GHz**

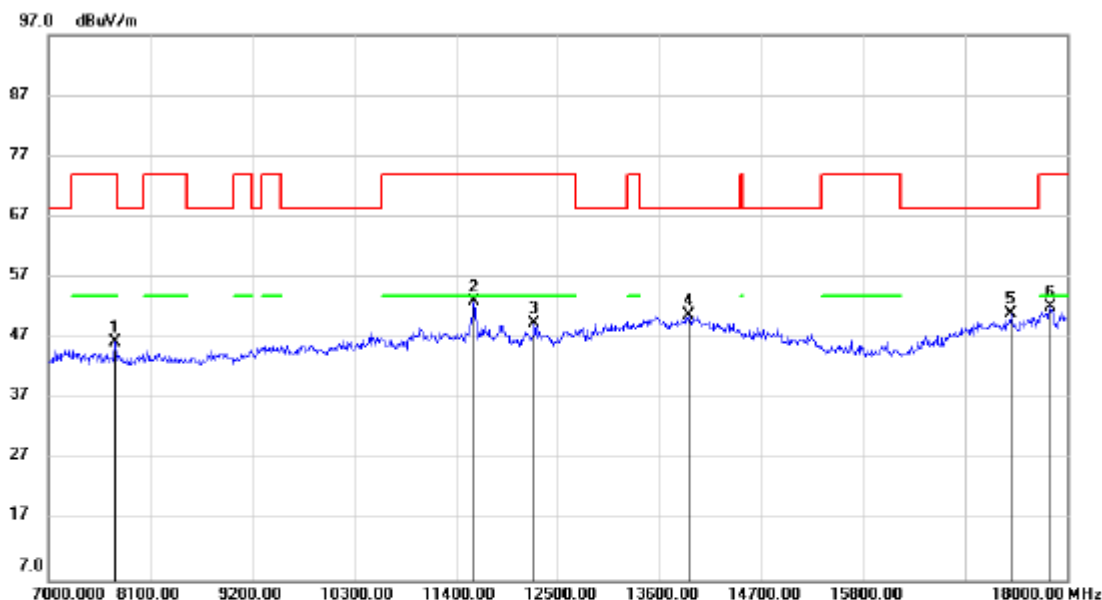


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna Table		
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		2251.158	45.31	-8.36	36.95	74.00	-37.05			peak
2		2500.582	49.13	-9.18	39.95	68.20	-28.25			peak
3		3866.724	45.94	-4.52	41.42	74.00	-32.58			peak
4		4354.057	46.02	-2.71	43.31	74.00	-30.69			peak
5	*	5167.289	51.50	-0.01	51.49	68.20	-16.71			peak
6		5706.407	52.67	1.02	53.69	106.9	-53.30			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.



### 7-18GHz



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		7726.000	39.78	6.42	46.20	74.00	-27.80			peak
2		11598.00	38.55	14.46	53.01	74.00	-20.99			peak
3		12247.00	35.10	14.34	49.44	74.00	-24.56			peak
4		13919.00	32.18	18.55	50.73	68.20	-17.47			peak
5	*	17395.00	30.09	20.80	50.89	68.20	-17.31			peak
6		17813.00	27.92	24.25	52.17	74.00	-21.83			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.



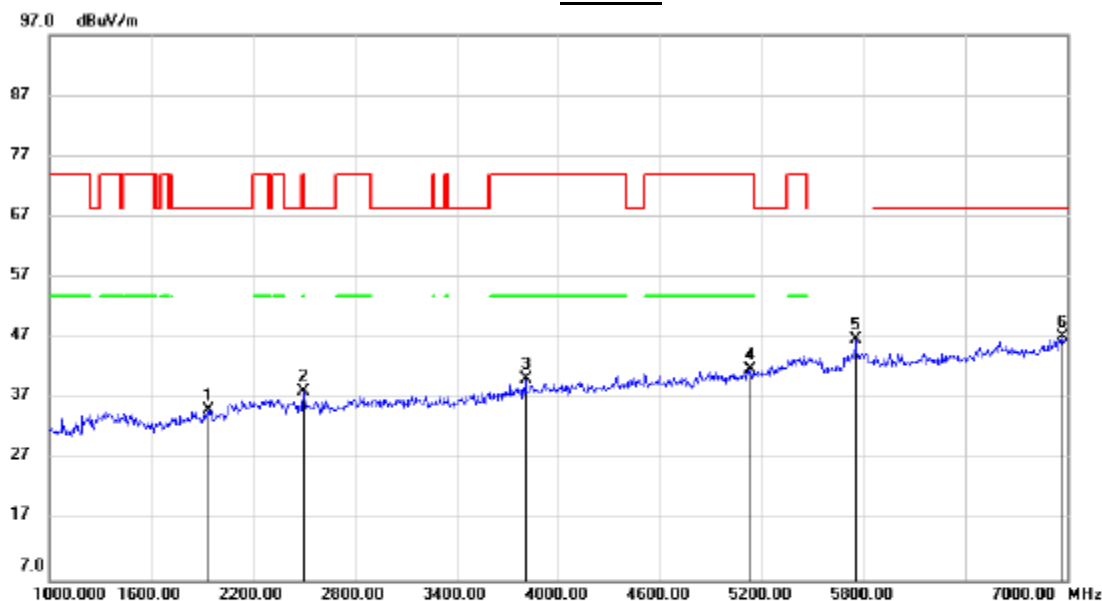
## 7.5.5. STRADDLE CHANNEL 142

### MIMO MODE (WORST-CASE CONFIGURATION)

### HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

#### HORIZONTAL RESULTS

1-7GHz

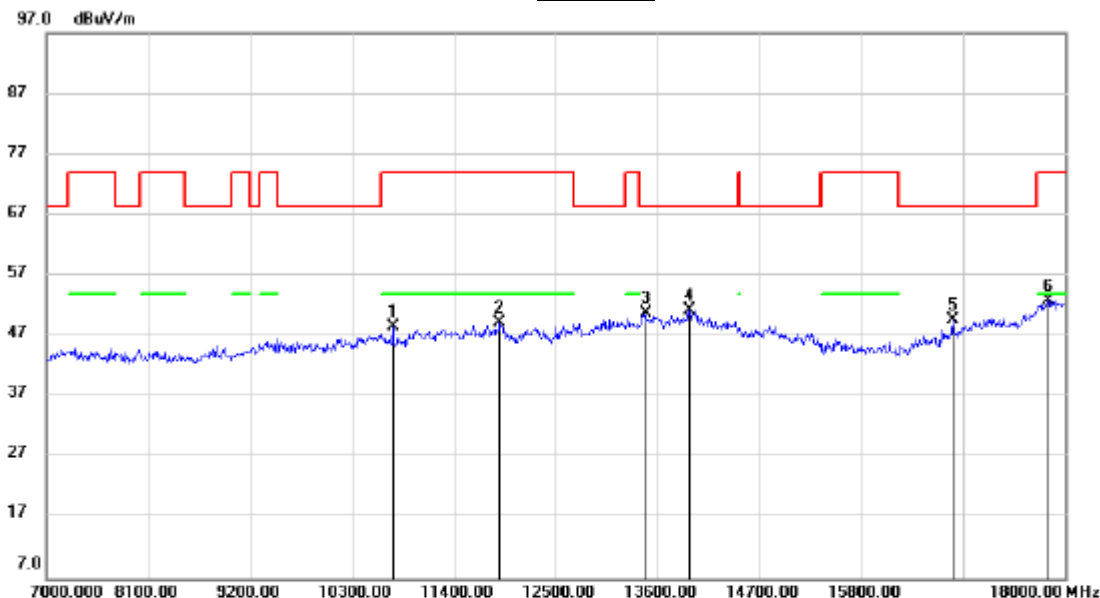


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		1936.000	46.34	-11.36	34.98	68.20	-33.22			peak
2		2500.000	47.42	-9.28	38.14	68.20	-30.06			peak
3		3808.000	45.03	-4.82	40.21	74.00	-33.79			peak
4		5134.000	42.06	-0.32	41.74	74.00	-32.26			peak
5		5752.000	45.73	1.07	46.80					peak
6	*	6970.000	41.79	5.28	47.07	68.20	-21.13			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.



### HORIZONTAL RESULTS 7-18GHz

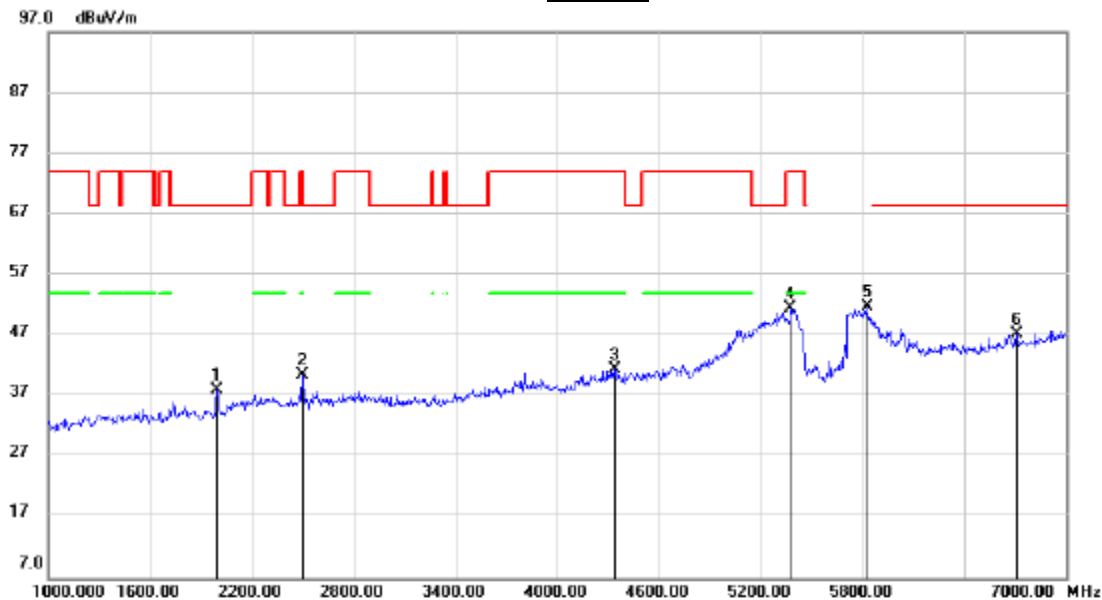


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		10740.00	36.31	12.19	48.50	74.00	-25.50	peak		
2		11895.00	33.97	15.15	49.12	74.00	-24.88	peak		
3		13468.00	32.60	18.09	50.69	68.20	-17.51	peak		
4	*	13941.00	32.76	18.55	51.31	68.20	-16.89	peak		
5		16790.00	31.64	18.10	49.74	68.20	-18.46	peak		
6		17813.00	28.65	24.25	52.90	74.00	-21.10	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.



**VERTICAL RESULTS**  
**1-7GHz**

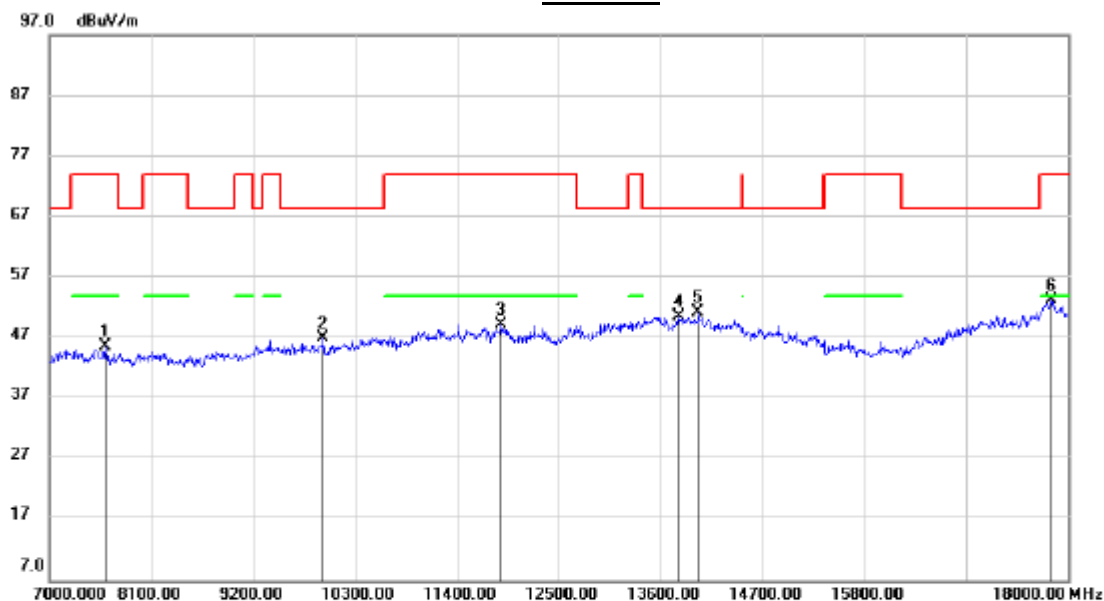


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table
		MHz	Level	Factor	ment			Height	Degree
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
							Detector		Comment
1		1996.000	49.08	-11.23	37.85	68.20	-30.35	peak	
2		2500.000	49.54	-9.18	40.36	68.20	-27.84	peak	
3		4336.000	44.20	-2.81	41.39	74.00	-32.61	peak	
4		5374.000	51.40	0.15	51.55	74.00	-22.45	peak	
5		5824.000	50.21	1.47	51.68			peak	
6	*	6706.000	42.82	4.27	47.09	68.20	-21.11	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.



### 7-18GHz



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		7605.000	39.16	6.46	45.62	74.00	-28.38			peak
2		9959.000	36.30	10.56	46.86	68.20	-21.34			peak
3		11873.00	34.47	14.73	49.20	74.00	-24.80			peak
4		13798.00	31.62	19.02	50.64	68.20	-17.56			peak
5	*	14007.00	32.58	18.54	51.12	68.20	-17.08			peak
6		17813.00	28.79	24.44	53.23	74.00	-20.77			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.



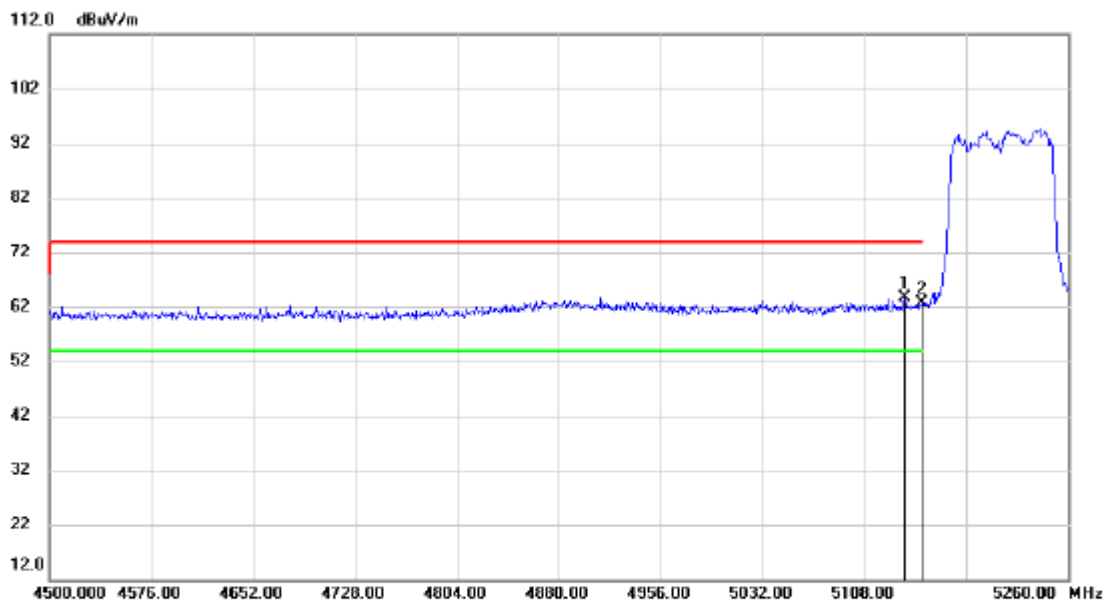
## 7.6. 802.11ac HT80 MODE

### 7.6.1. UNII-1 BAND

#### MIMO MODE (WORST-CASE CONFIGURATION)

#### RESTRICTED BANDEDGE LOW CHANNEL

#### HORIZONTAL RESULTS PEAK



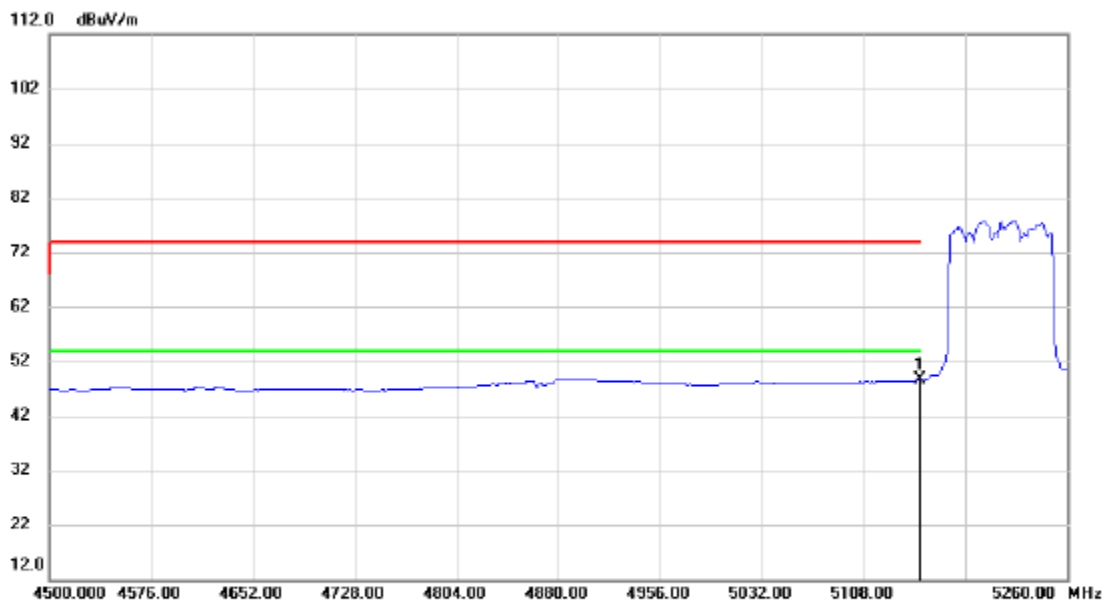
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5137.640	23.20	40.35	63.55	74.00	-10.45			peak
2		5150.000	22.11	40.40	62.51	74.00	-11.49			peak

- 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.





**AVG**

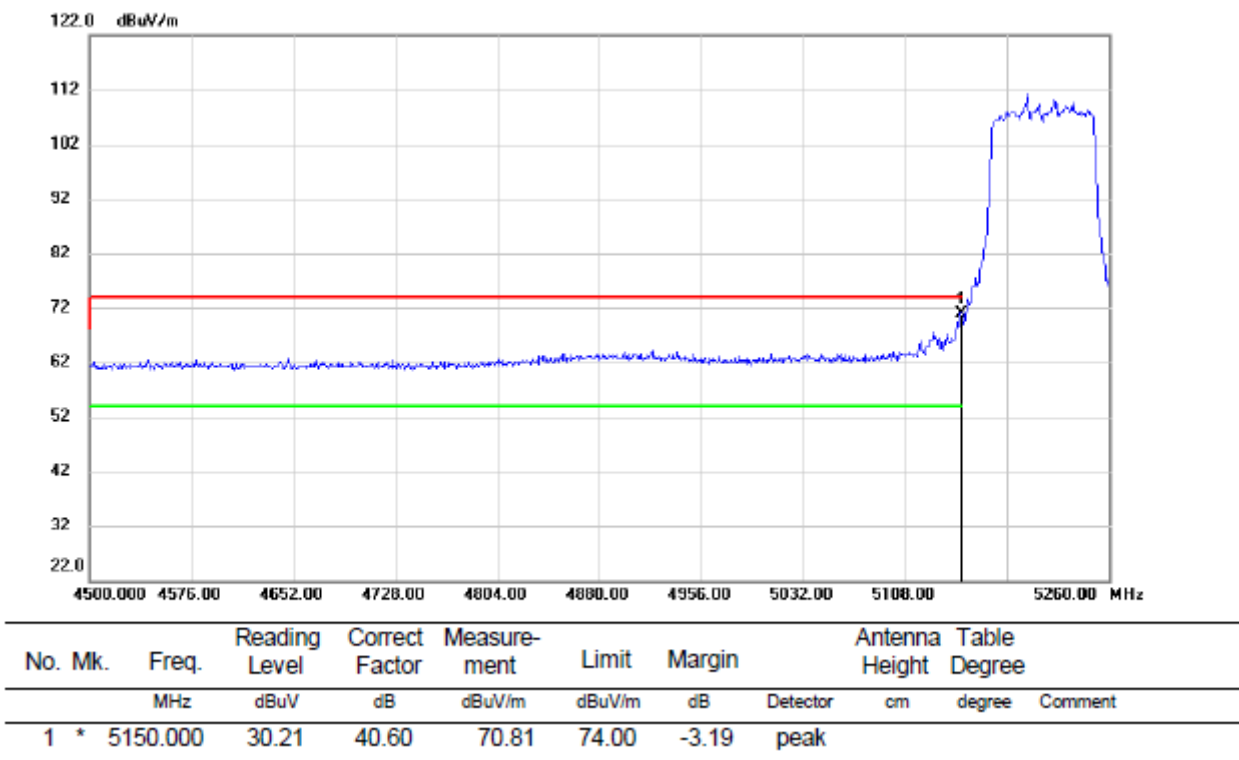


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5150.000	8.27	40.40	48.67	54.00	-5.33	AVG		

- Note: 1. Measurement = Reading Level + Correct Factor  
2. AVG:VBW=1/T,(For the value of 1/T, please refer to the table on page 27).  
3. For duty cycle, please refer to clause 6.1.



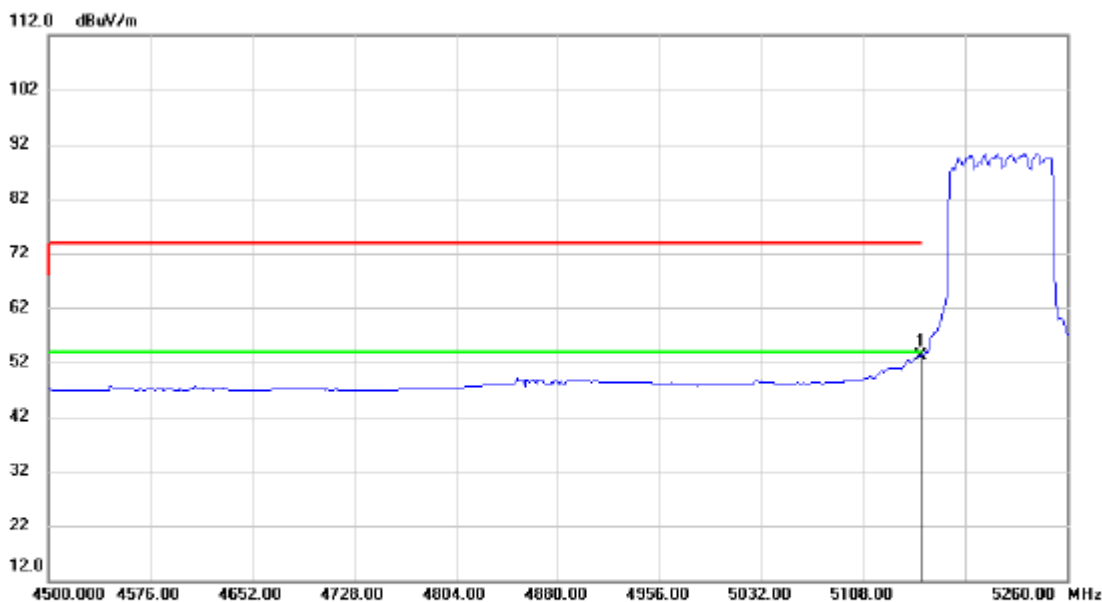
**VERTICAL RESULTS**  
**PEAK**



- 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.



**AVG**



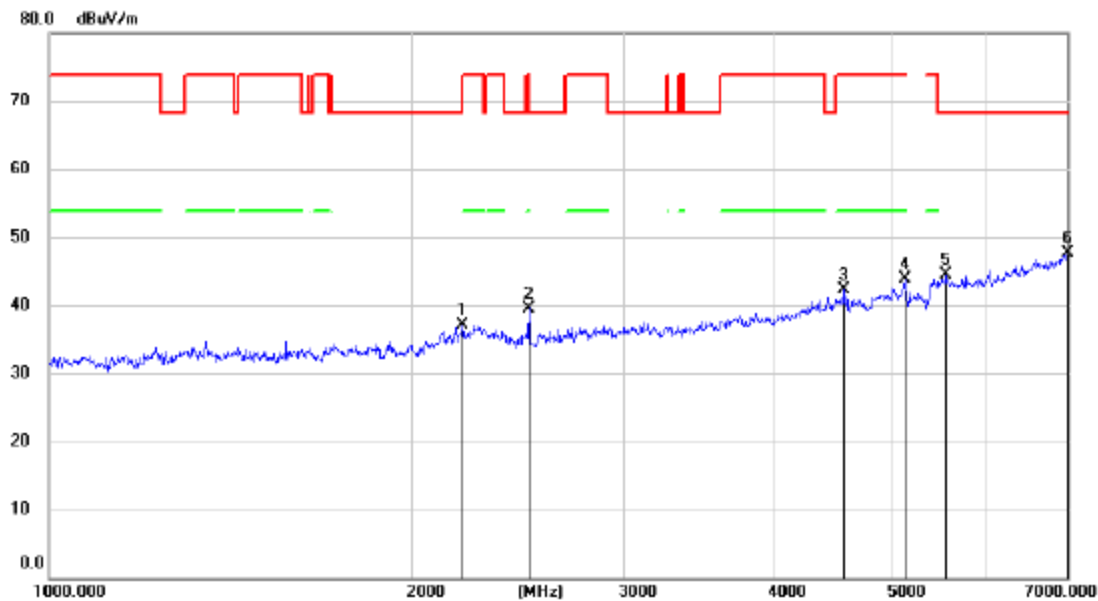
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5150.000	12.54	40.60	53.14	54.00	-0.86	AVG		

- Note: 1. Measurement = Reading Level + Correct Factor  
2. AVG:VBW=1/T,(For the value of 1/T, please refer to the table on page 27).  
3. For duty cycle, please refer to clause 6.1.



## HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

### HORIZONTAL RESULTS 1-7GHz

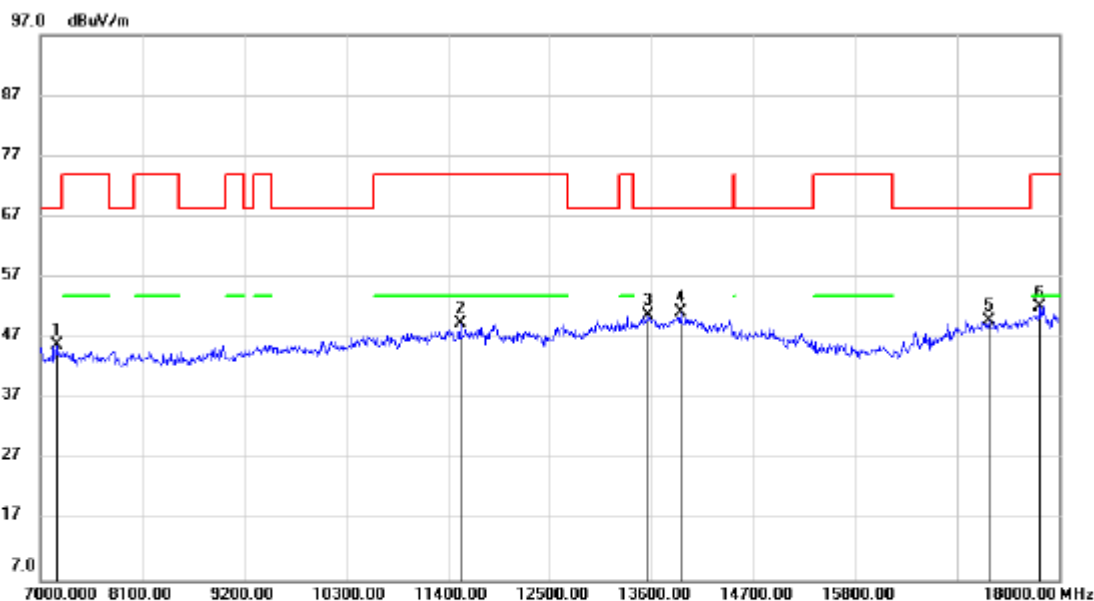


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	dBuV	Factor	ment			Height	Degree	Comment
1		2203.484	45.92	-8.84	37.08	74.00	-36.92	peak		
2		2500.582	48.88	-9.28	39.60	68.20	-28.60	peak		
3		4571.109	44.47	-2.16	42.31	74.00	-31.69	peak		
4		5127.225	44.25	-0.36	43.89	74.00	-30.11	peak		
5		5553.047	43.51	0.93	44.44	68.20	-23.76	peak		
6	*	7000.000	42.27	5.39	47.66	68.20	-20.54	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.



**HORIZONTAL RESULTS**  
**7-18GHz**

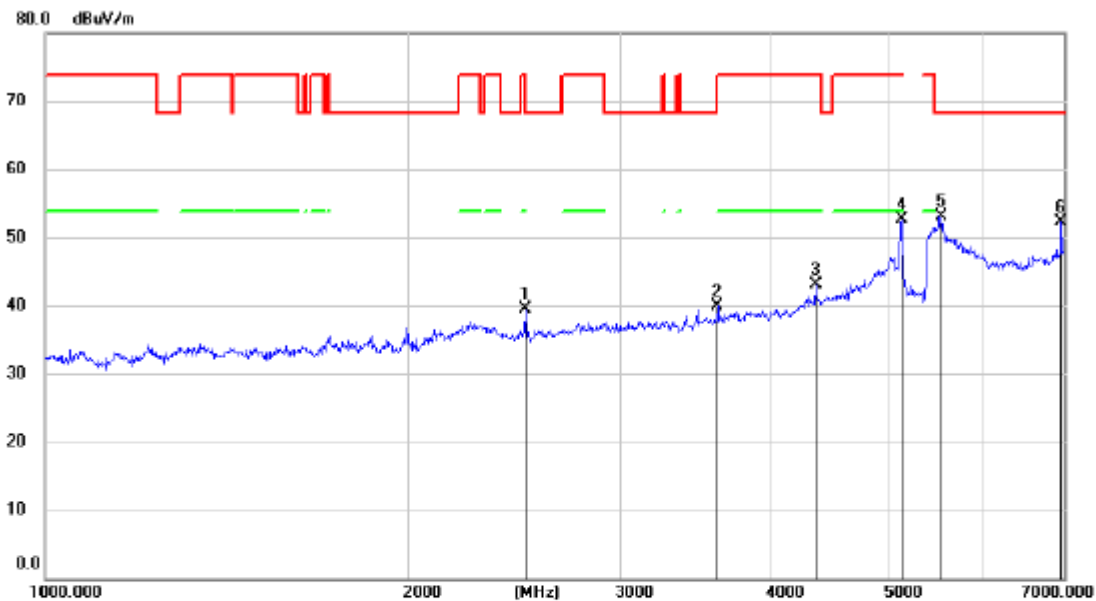


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		7187.000	39.50	6.35	45.85	68.20	-22.35	peak		
2		11532.00	35.61	13.70	49.31	74.00	-24.69	peak		
3		13567.00	32.43	18.38	50.81	68.20	-17.39	peak		
4	*	13908.00	32.70	18.54	51.24	68.20	-16.96	peak		
5		17241.00	29.44	20.52	49.96	68.20	-18.24	peak		
6		17791.00	27.95	24.12	52.07	74.00	-21.93	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.



**VERTICAL RESULTS**  
**1-7GHz**

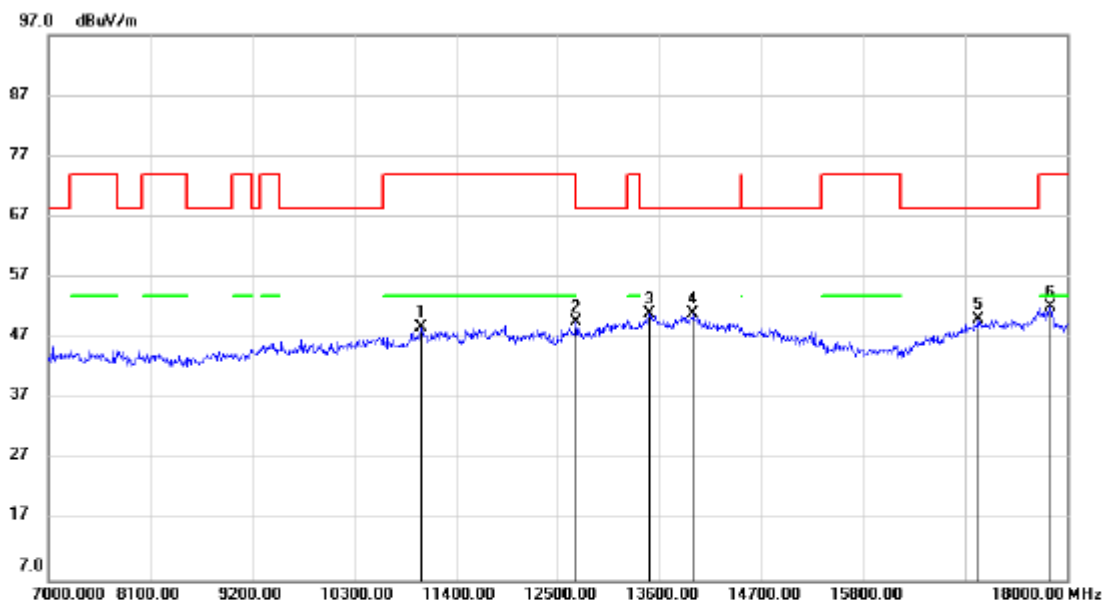


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2500.582	48.71	-9.18	39.53	68.20	-28.67			peak
2		3612.141	45.39	-5.50	39.89	74.00	-34.11			peak
3		4354.057	45.75	-2.71	43.04	74.00	-30.96			peak
4		5127.225	52.94	-0.16	52.78	74.00	-21.22			peak
5	*	5520.725	52.08	1.00	53.08	68.20	-15.12			peak
6		6959.255	47.16	5.24	52.40	68.20	-15.80			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.



### 7-18GHz



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	11026.00	35.83	12.88	48.71	74.00	-25.29	peak			
2	12698.00	34.19	15.39	49.58	74.00	-24.42	peak			
3 *	13490.00	32.59	18.45	51.04	68.20	-17.16	peak			
4	13963.00	32.36	18.63	50.99	68.20	-17.21	peak			
5	17032.00	29.82	20.32	50.14	68.20	-18.06	peak			
6	17813.00	27.62	24.44	52.06	74.00	-21.94	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.

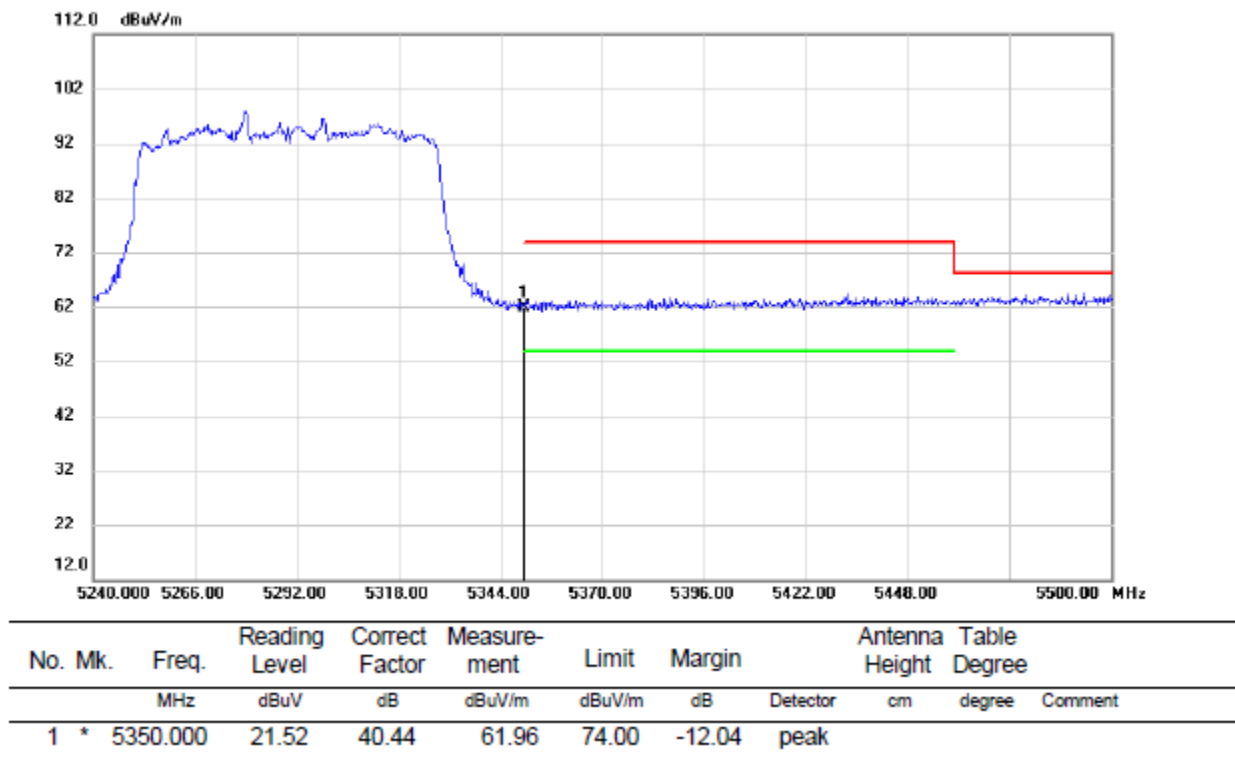
Note: All transmission modes and channels had been tested, but only the worst data recorded in the report.



**7.6.2. UNII-2A BAND**  
**MIMO MODE (WORST-CASE CONFIGURATION)**

**RESTRICTED BANDEDGE LOW CHANNEL**

**HORIZONTAL RESULTS**  
**PEAK**

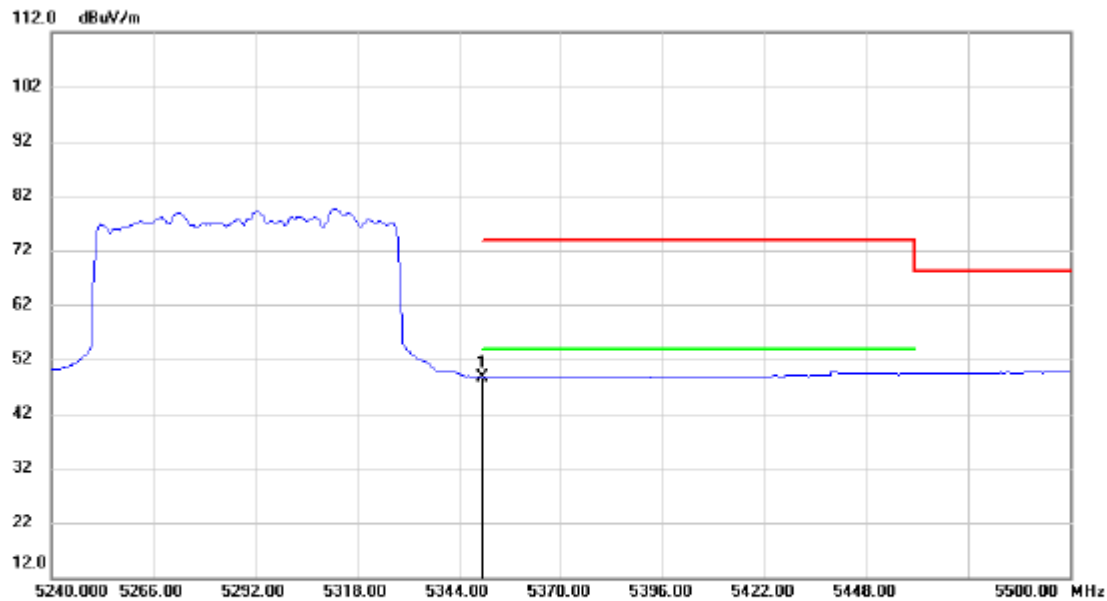


Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.





**AVG**

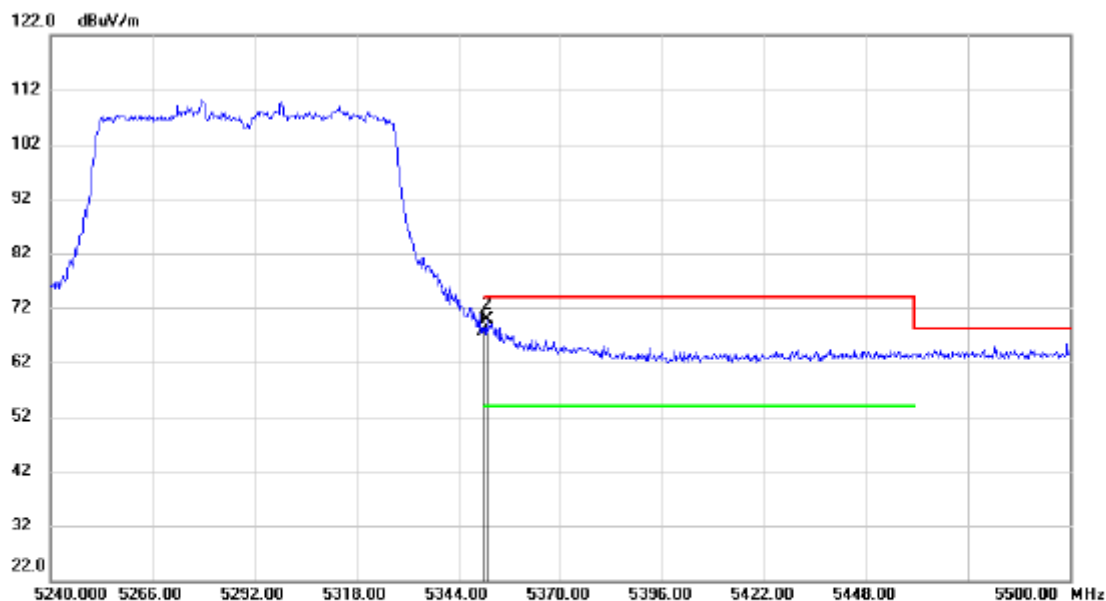


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna Table		
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5350.000	8.30	40.44	48.74	54.00	-5.26	AVG		

- Note: 1. Measurement = Reading Level + Correct Factor  
2. AVG:VBW=1/T,(For the value of 1/T, please refer to the table on page 27).  
3. For duty cycle, please refer to clause 6.1.



**VERTICAL RESULTS**  
**PEAK**

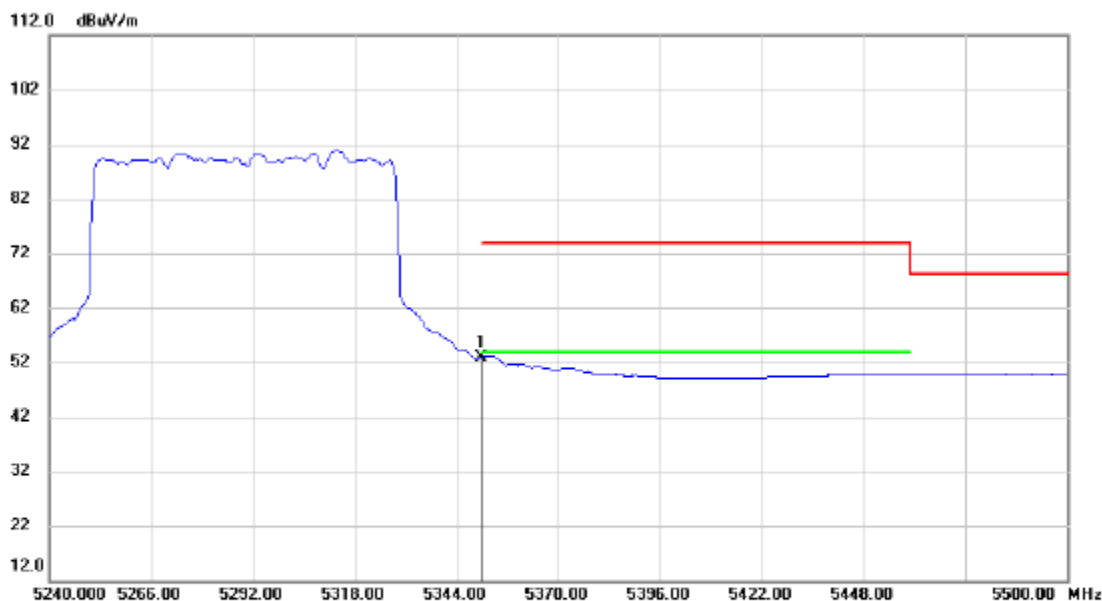


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5350.000	26.99	40.54	67.53	74.00	-6.47	peak		
2	*	5351.280	29.21	40.55	69.76	74.00	-4.24	peak		

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.



**AVG**



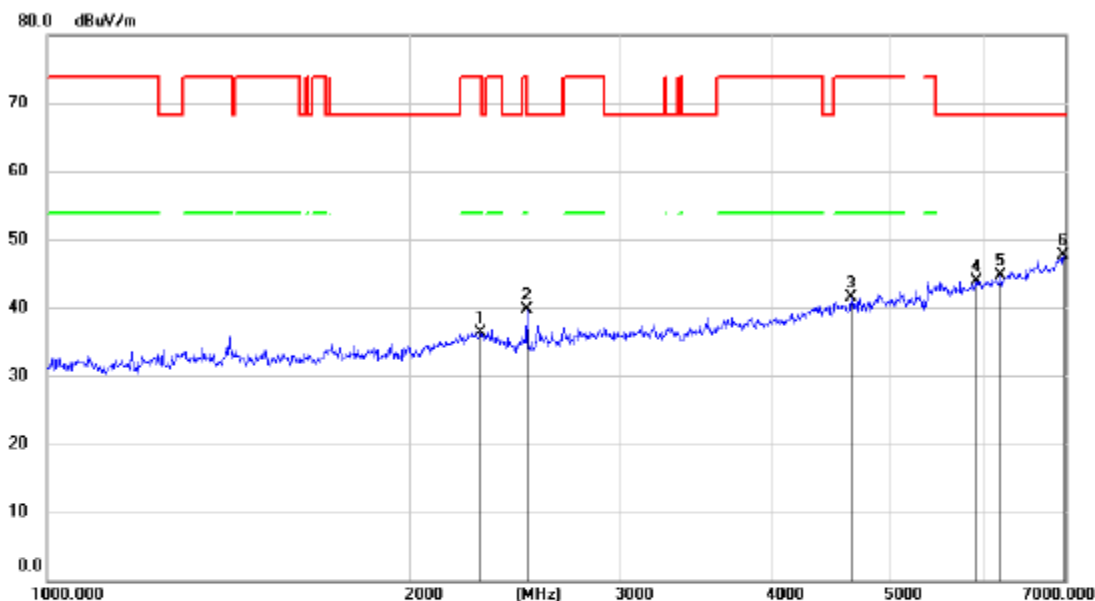
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5350.000	12.34	40.54	52.88	54.00	-1.12	AVG		

- Note: 1. Measurement = Reading Level + Correct Factor  
2. AVG:VBW=1/T,(For the value of 1/T, please refer to the table on page 27).  
3. For duty cycle, please refer to clause 6.1.



## HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

### HORIZONTAL RESULTS 1-7GHz

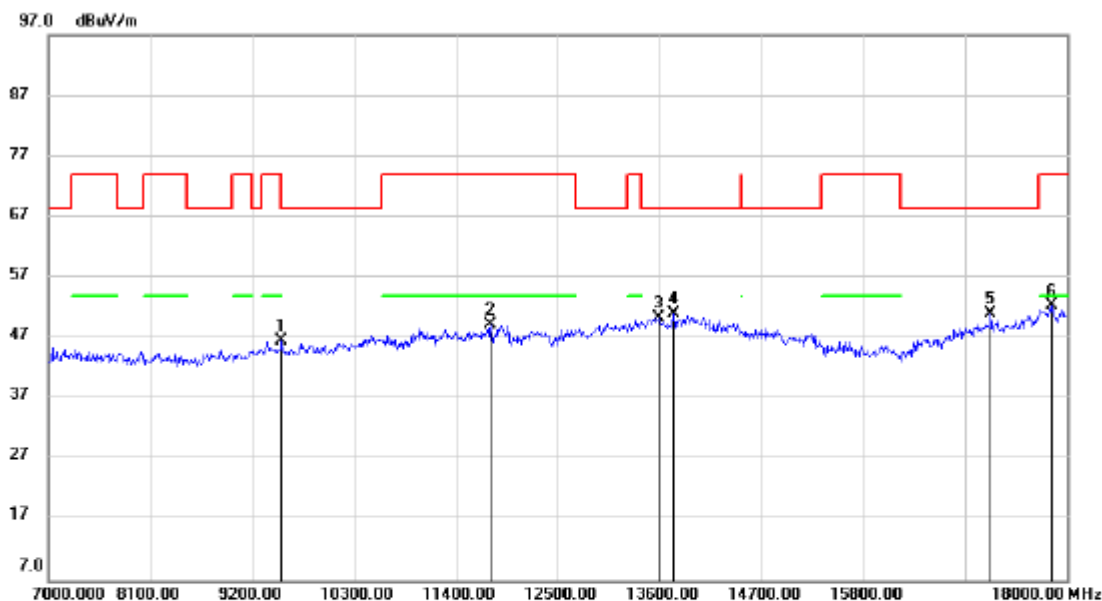


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table
		MHz	Level	Factor	ment			Height	Degree
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
							Detector		Comment
1		2290.930	44.74	-8.36	36.38	74.00	-37.62	peak	
2		2500.582	49.07	-9.28	39.79	68.20	-28.41	peak	
3		4651.869	43.61	-2.03	41.58	74.00	-32.42	peak	
4		5909.823	42.50	1.44	43.94	68.20	-24.26	peak	
5		6192.370	41.99	2.78	44.77	68.20	-23.43	peak	
6	*	6972.810	42.44	5.29	47.73	68.20	-20.47	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.



**HORIZONTAL RESULTS**  
**7-18GHz**

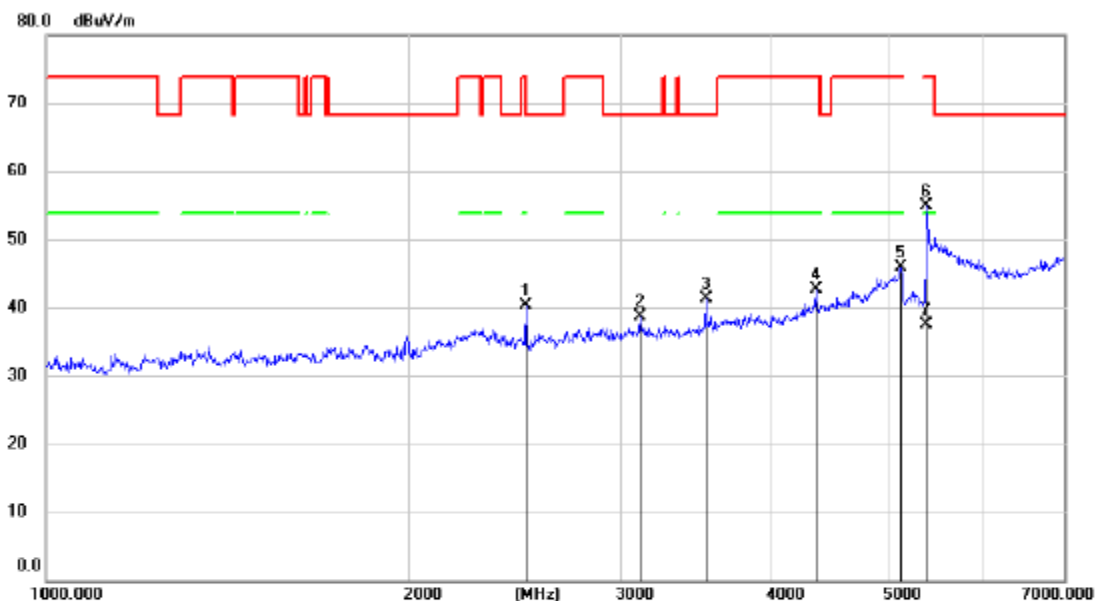


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		9519.000	36.76	9.66	46.42	68.20	-21.78			peak
2		11774.00	34.99	14.15	49.14	74.00	-24.86			peak
3		13589.00	31.86	18.49	50.35	68.20	-17.85			peak
4		13754.00	32.18	18.71	50.89	68.20	-17.31			peak
5	*	17175.00	30.50	20.53	51.03	68.20	-17.17			peak
6		17835.00	28.09	24.25	52.34	74.00	-21.66			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.



**VERTICAL RESULTS**  
**1-7GHz**

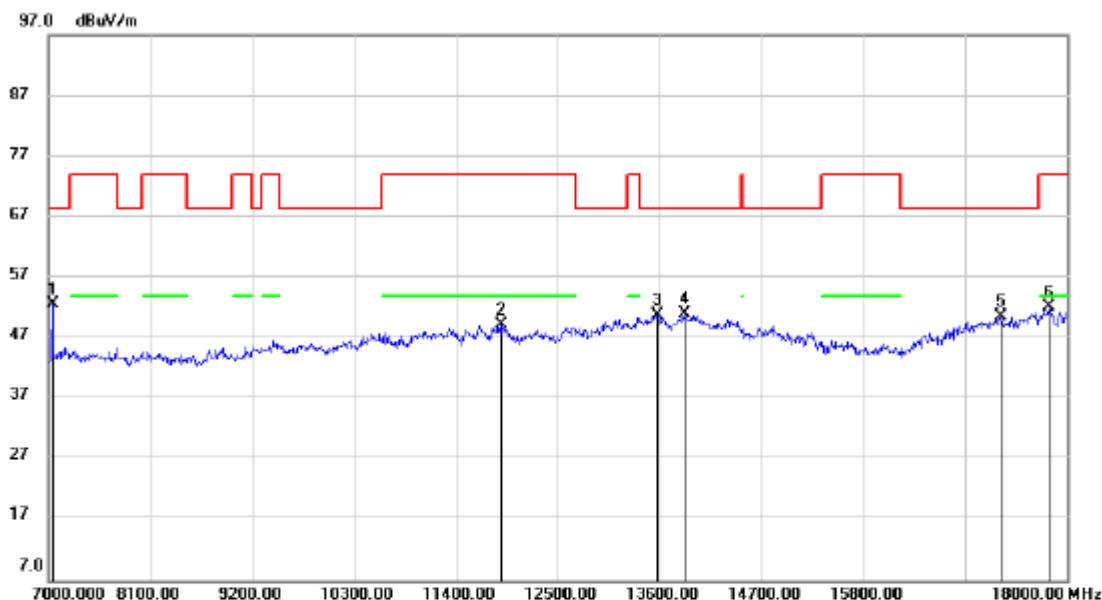


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2500.582	49.40	-9.18	40.22	68.20	-27.98			peak
2		3109.511	45.60	-6.81	38.79	68.20	-29.41			peak
3		3528.771	47.12	-5.85	41.27	68.20	-26.93			peak
4		4354.057	45.38	-2.71	42.67	74.00	-31.33			peak
5		5117.257	46.11	-0.20	45.91	74.00	-28.09			peak
6		5382.819	54.74	0.20	54.94	74.00	-19.06			peak
7	*	5382.819	37.25	0.20	37.45	54.00	-16.55	AVG	200	40

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.



### 7-18GHz



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1	*	7044.000	46.70	5.79	52.49	68.20	-15.71	peak		
2		11884.00	34.43	14.75	49.18	74.00	-24.82	peak		
3		13578.00	32.16	18.58	50.74	68.20	-17.46	peak		
4		13864.00	32.25	18.78	51.03	68.20	-17.17	peak		
5		17285.00	29.67	20.94	50.61	68.20	-17.59	peak		
6		17802.00	27.45	24.61	52.06	74.00	-21.94	peak		

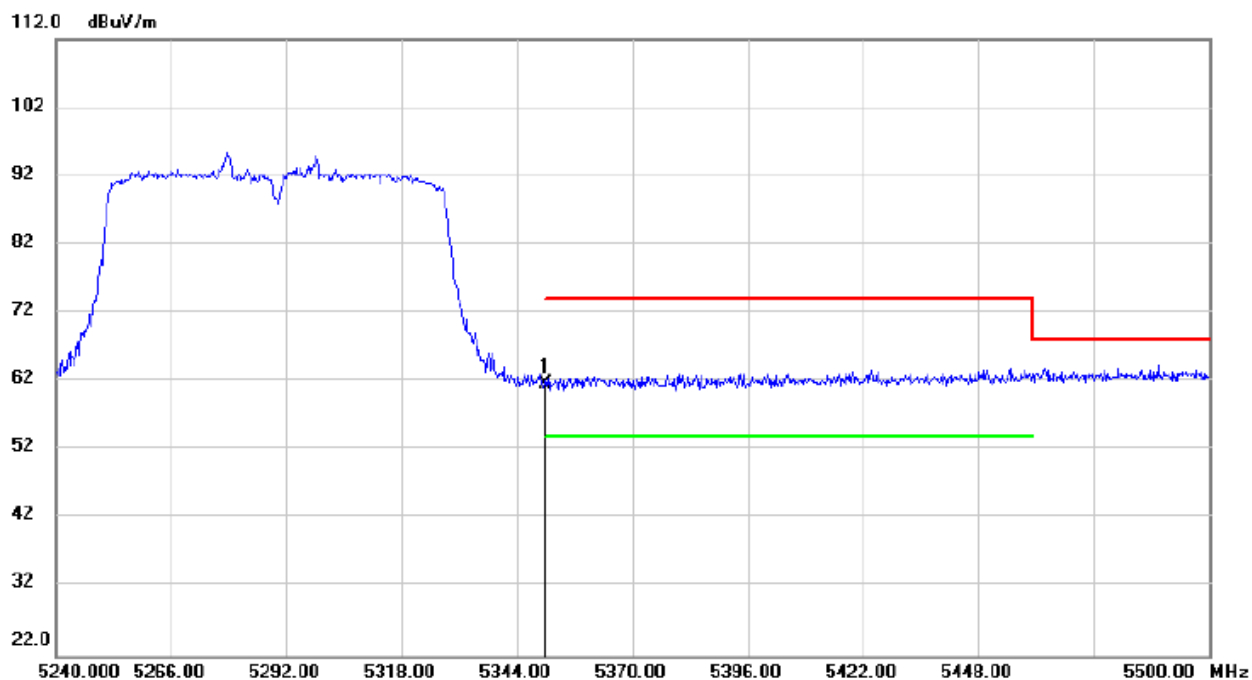
Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.



**SISO MODE ANTENNA 2 (WORST-CASE CONFIGURATION)**

**RESTRICTED BANDEDGE LOW CHANNEL**

**HORIZONTAL RESULTS**  
**PEAK**



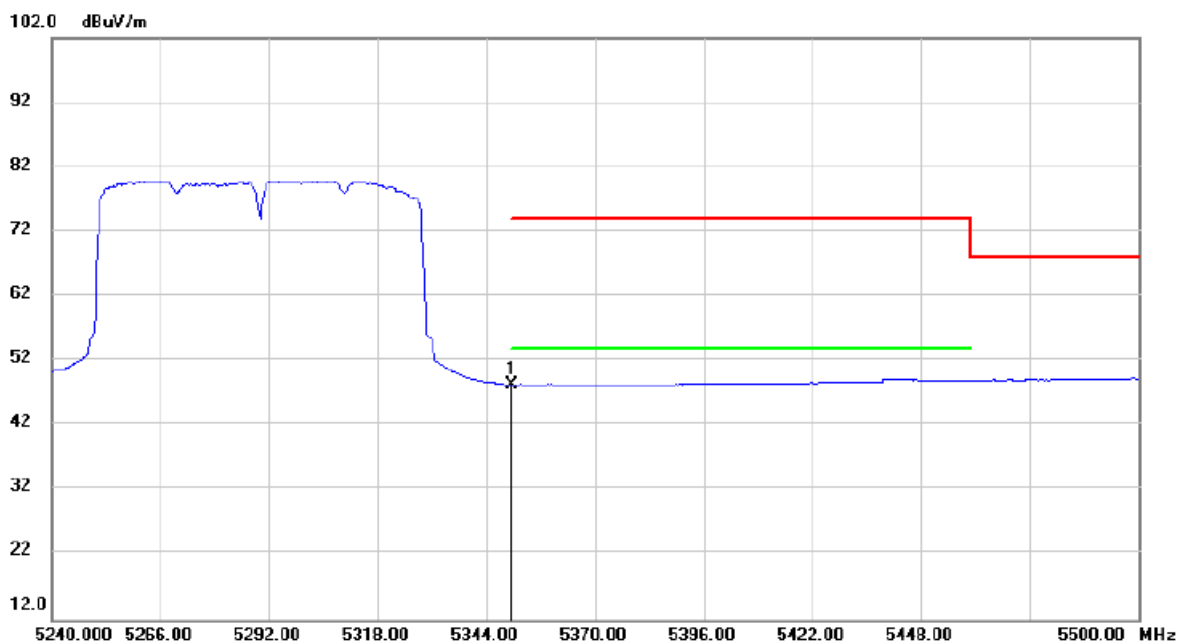
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5350.000	21.21	40.44	61.65	74.00	-12.35	peak		

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.





**AVG**

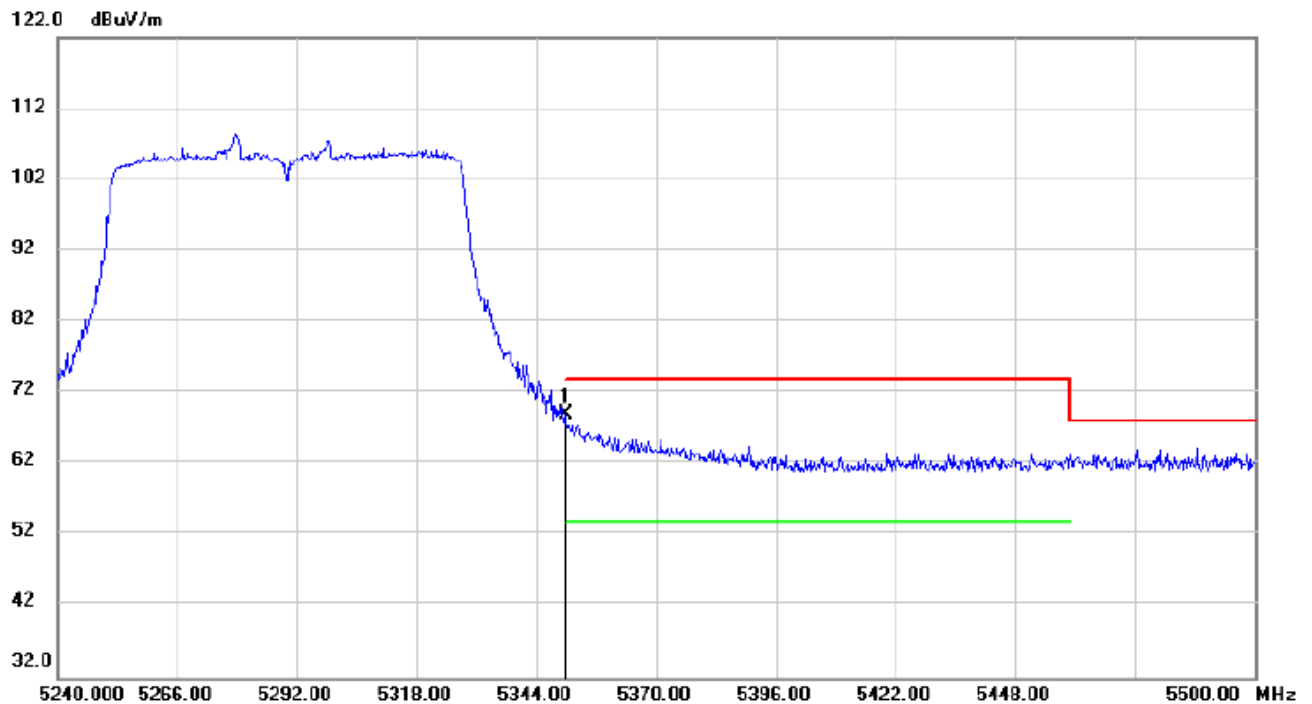


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5350.000	7.94	40.44	48.38	54.00	-5.62	AVG		

Note: 1. Measurement = Reading Level + Correct Factor  
2. AVG:VBW=1/T,(For the value of 1/T, please refer to the table on page 27).  
3. For duty cycle, please refer to clause 6.1.



**VERTICAL RESULTS**  
**PEAK**

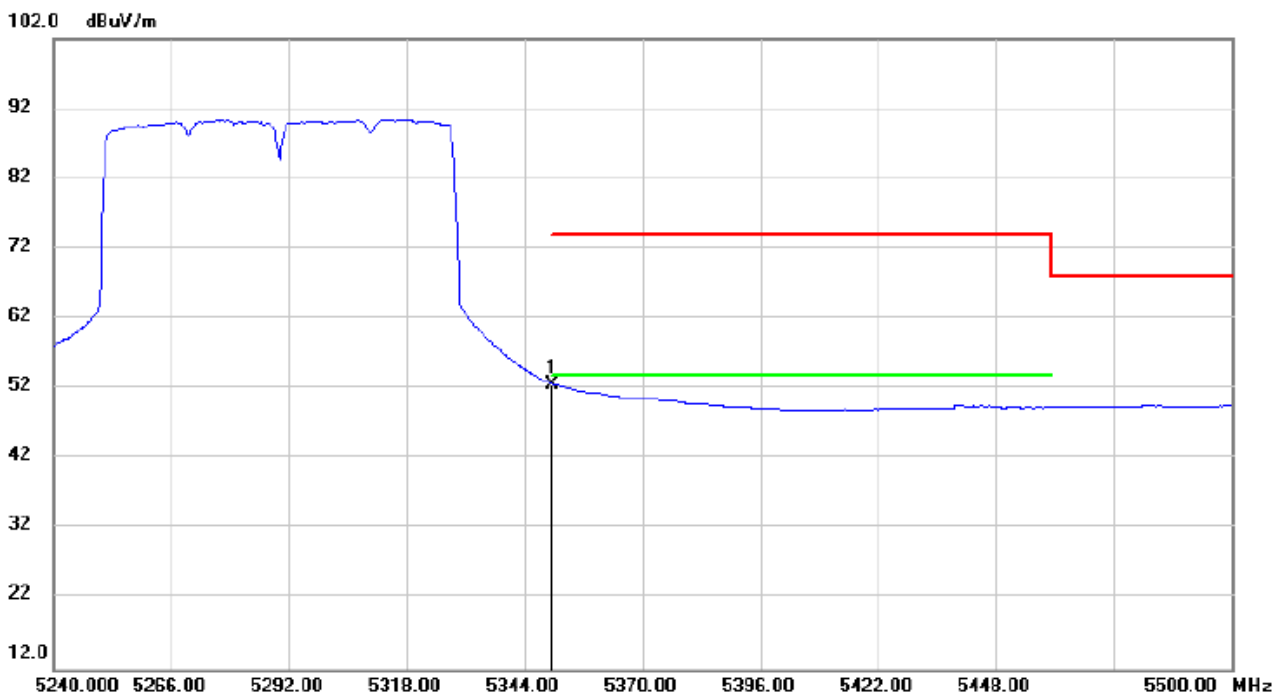


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5350.000	28.51	40.54	69.05	74.00	-4.95	peak		

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.



**AVG**



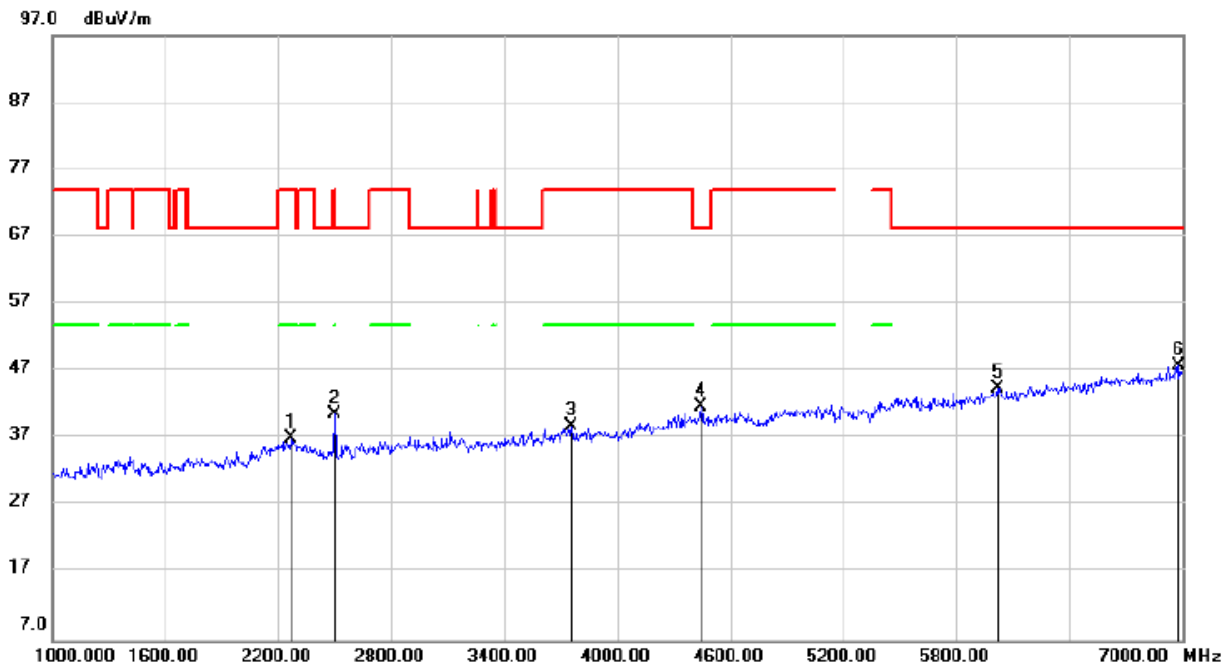
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5350.000	12.12	40.54	52.66	54.00	-1.34	AVG		

- Note: 1. Measurement = Reading Level + Correct Factor  
2. AVG:VBW=1/T,(For the value of 1/T, please refer to the table on page 27).  
3. For duty cycle, please refer to clause 6.1.



## HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

### HORIZONTAL RESULTS 1-7GHz

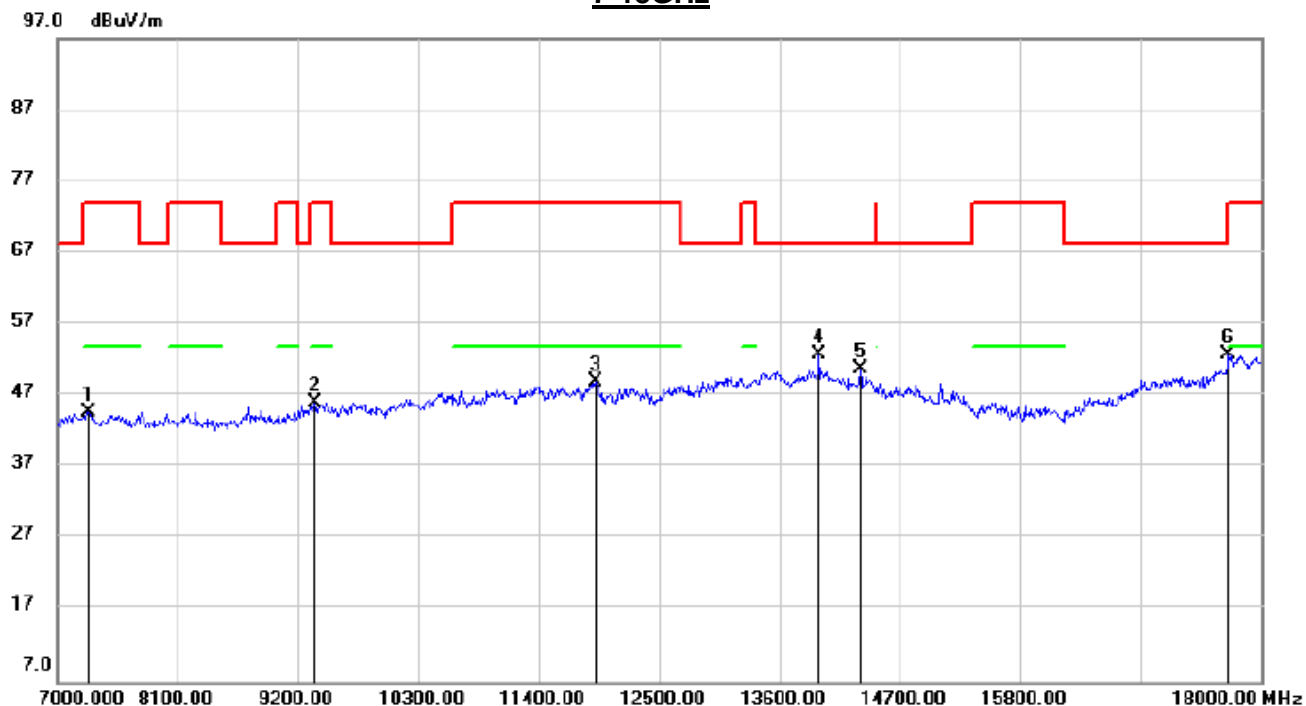


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2266.000	45.33	-8.37	36.96	74.00	-37.04	peak		
2		2500.000	49.86	-9.28	40.58	68.20	-27.62	peak		
3		3754.000	43.65	-4.91	38.74	74.00	-35.26	peak		
4		4444.000	44.18	-2.41	41.77	68.20	-26.43	peak		
5		6016.000	42.37	2.00	44.37	68.20	-23.83	peak		
6	*	6982.000	42.45	5.32	47.77	68.20	-20.43	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.



**HORIZONTAL RESULTS**  
**7-18GHz**

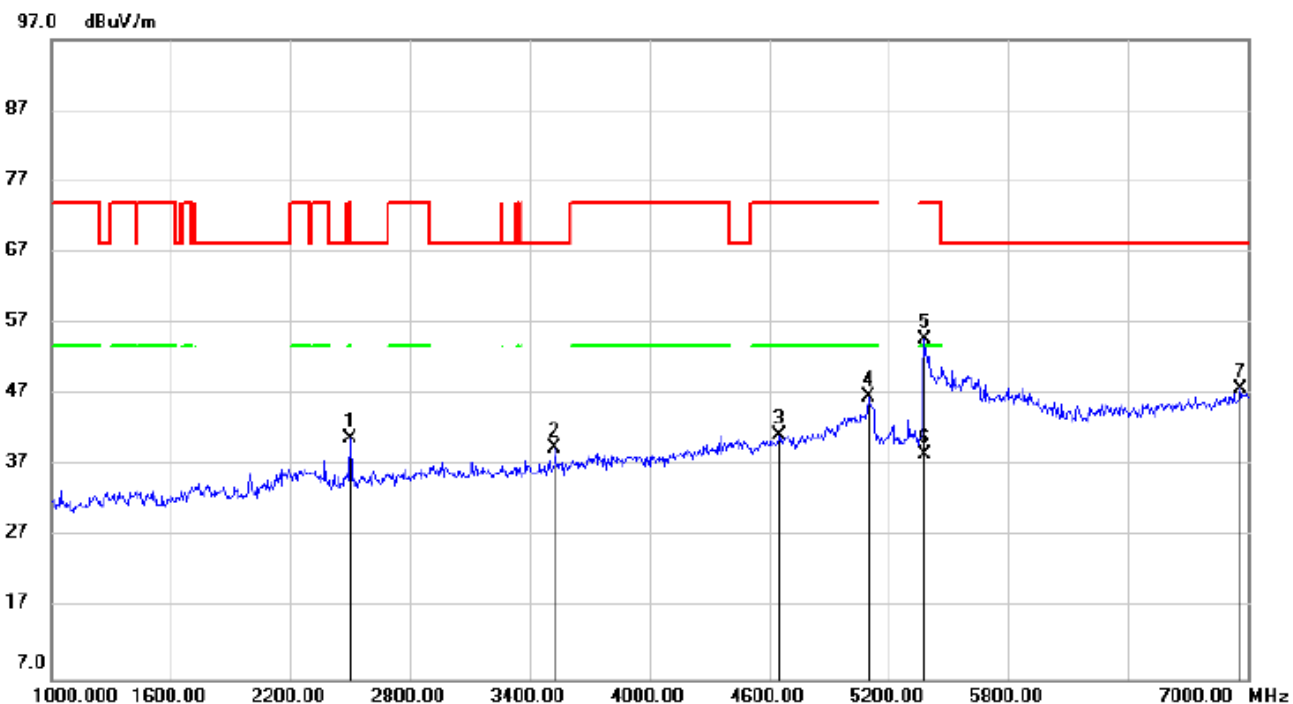


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		7286.000	38.24	6.46	44.70	74.00	-29.30			peak
2		9354.000	36.64	9.41	46.05	74.00	-27.95			peak
3		11917.00	33.97	14.98	48.95	74.00	-25.05			peak
4	*	13963.00	34.28	18.53	52.81	68.20	-15.39			peak
5		14337.00	33.07	17.79	50.86	68.20	-17.34			peak
6		17703.00	29.29	23.43	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.



**VERTICAL RESULTS**  
**1-7GHz**

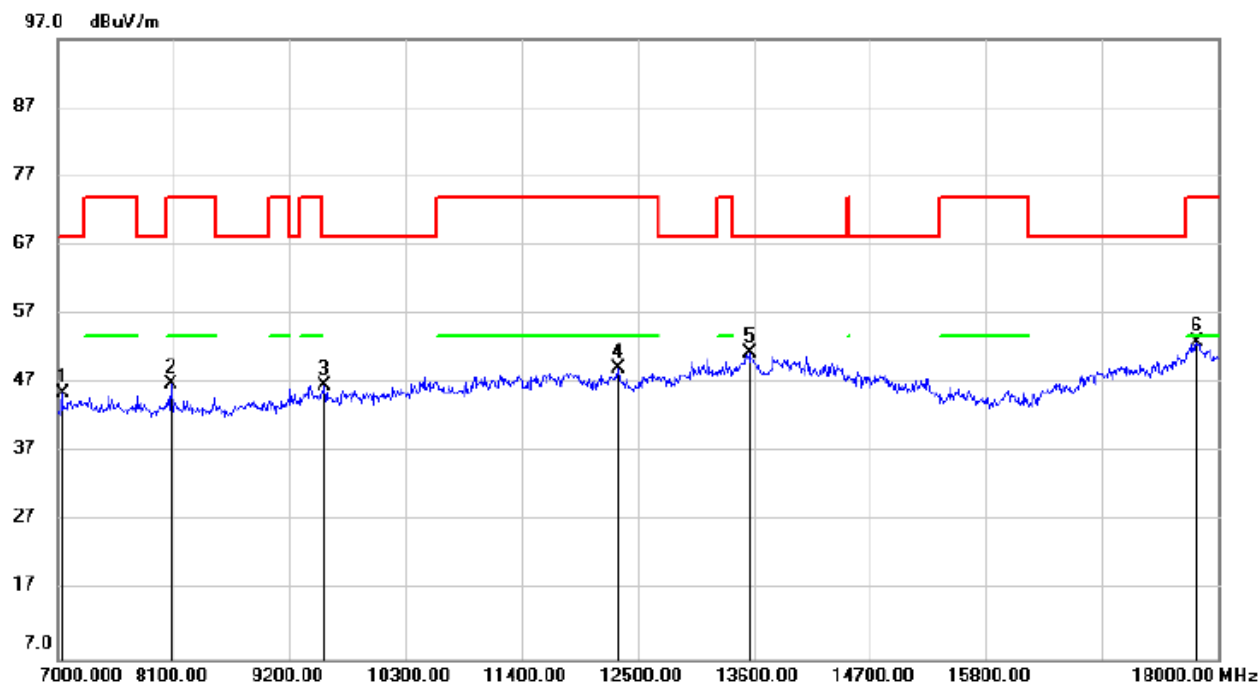


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		2500.000	50.05	-9.18	40.87	68.20	-27.33			peak
2		3526.000	45.39	-5.86	39.53	68.20	-28.67			peak
3		4654.000	43.26	-1.93	41.33	74.00	-32.67			peak
4		5098.000	47.05	-0.30	46.75	74.00	-27.25			peak
5		5380.000	54.66	0.18	54.84	74.00	-19.16			peak
6	*	5380.000	38.42	0.18	38.60	54.00	-15.40	200	90	AVG
7		6964.000	42.63	5.26	47.89	68.20	-20.31			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.



### 7-18GHz



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		7044.000	39.83	5.79	45.62	68.20	-22.58	peak			
2		8078.000	40.18	6.72	46.90	74.00	-27.10	peak			
3		9530.000	37.04	9.68	46.72	68.20	-21.48	peak			
4		12313.00	34.68	14.55	49.23	74.00	-24.77	peak			
5	*	13556.00	32.69	18.84	51.53	68.20	-16.67	peak			
6		17802.00	28.36	24.61	52.97	74.00	-21.03	peak			

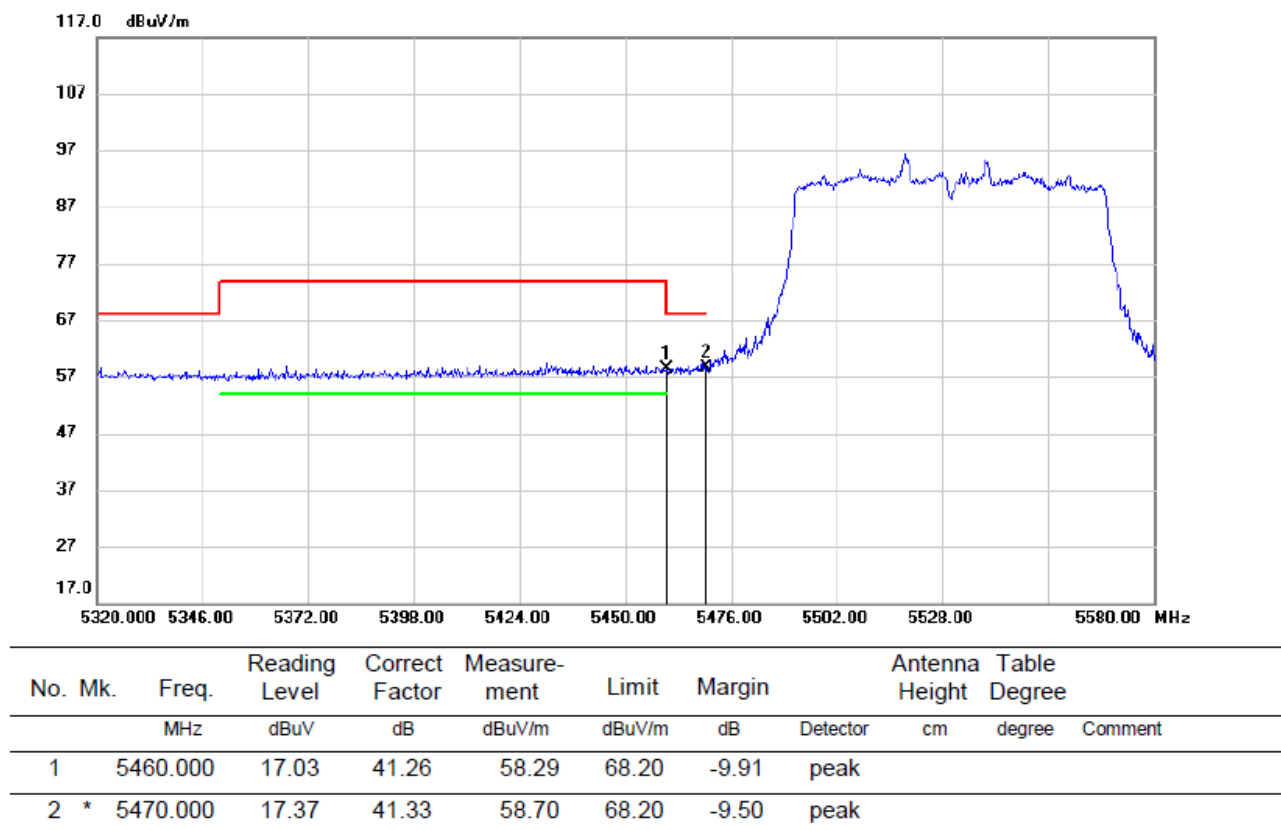
Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.



**7.6.3. UNII-2C BAND**  
**MIMO MODE (WORST-CASE CONFIGURATION)**

**RESTRICTED BANDEDGE LOW CHANNEL**

**HORIZONTAL RESULTS**  
**PEAK**

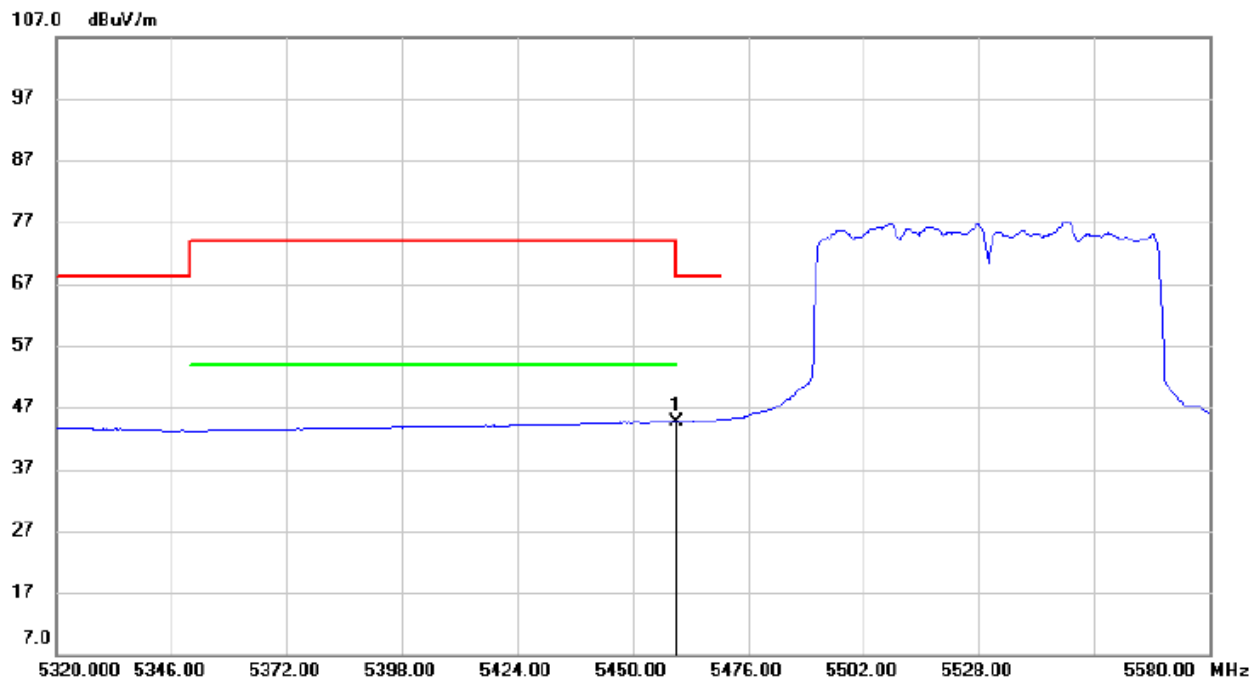


Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.





**AVG**

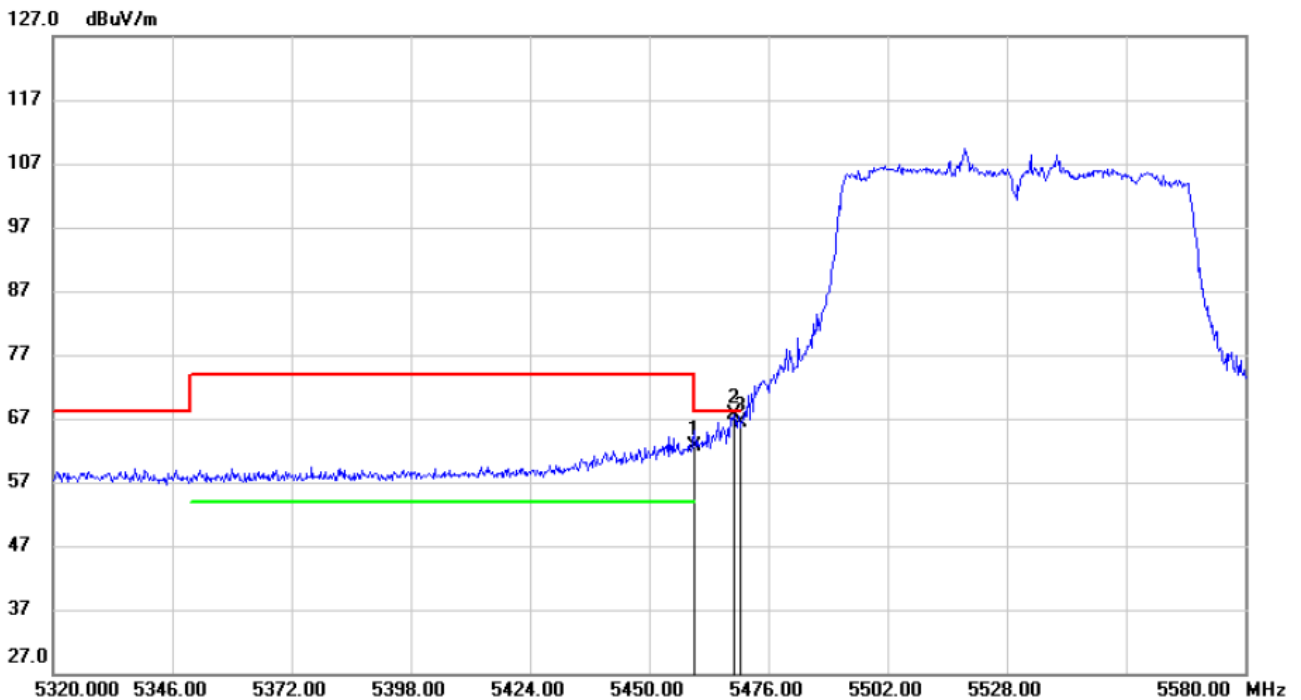


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5460.000	3.31	41.26	44.57	54.00	-9.43	AVG		

- Note: 1. Measurement = Reading Level + Correct Factor  
2. AVG:VBW=1/T,(For the value of 1/T, please refer to the table on page 27).  
3. For duty cycle, please refer to clause 6.1.



**VERTICAL RESULTS**  
**PEAK**

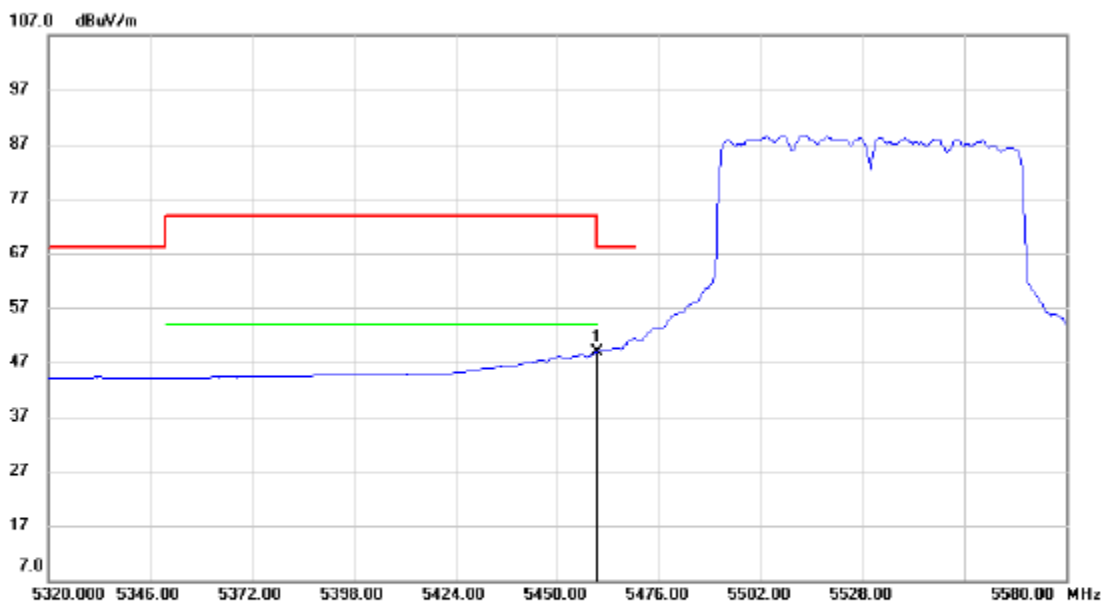


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5460.000	21.31	41.26	62.57	68.20	-5.63	peak		
2	*	5468.460	26.43	41.31	67.74	68.20	-0.46	peak		
3		5470.000	25.10	41.33	66.43	68.20	-1.77	peak		

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.



**AVG**



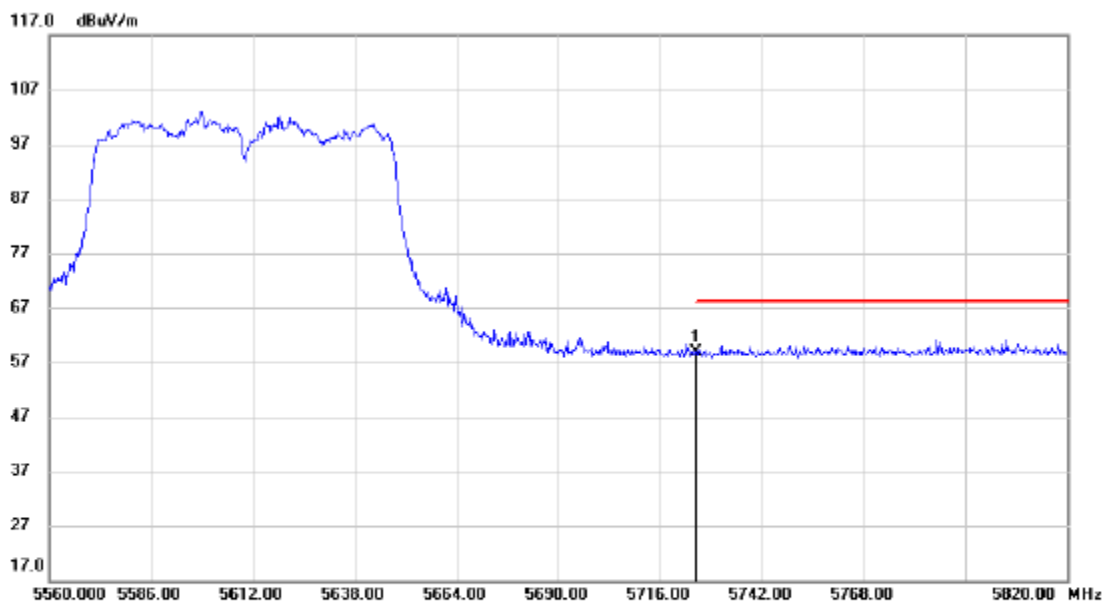
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5460.000	7.71	41.26	48.97	54.00	-5.03	AVG		

- Note: 1. Measurement = Reading Level + Correct Factor  
2. AVG:VBW=1/T,(For the value of 1/T, please refer to the table on page 27).  
3. For duty cycle, please refer to clause 6.1.



**RESTRICTED BANDEDGE HIGH CHANNEL**

**HORIZONTAL RESULTS**  
**PEAK**

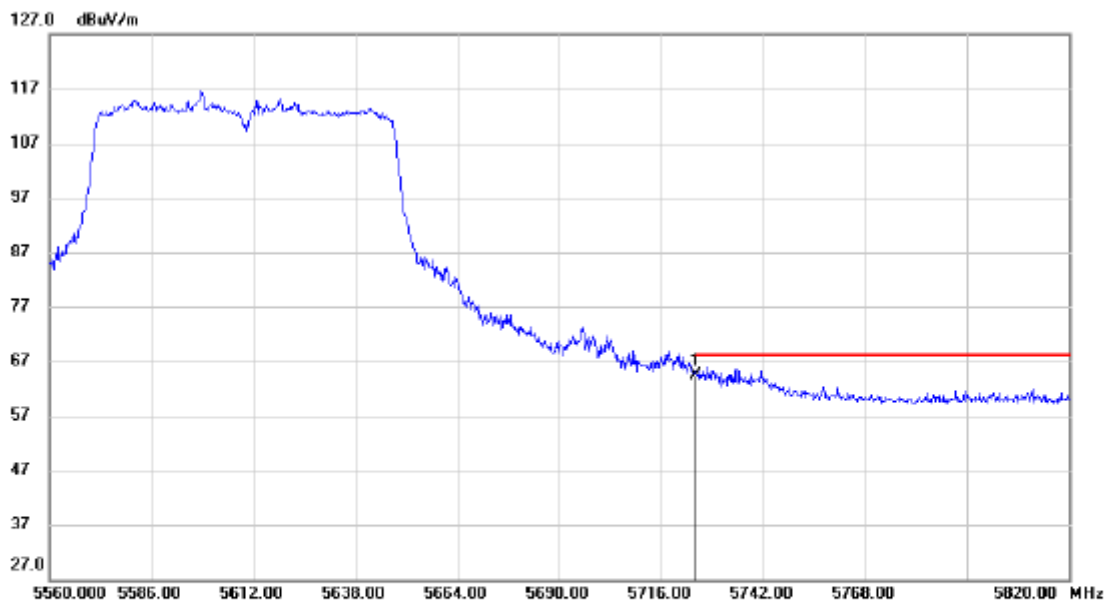


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5725.000	17.60	41.39	58.99	68.20	-9.21	peak		

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.



**VERTICAL RESULTS**  
**PEAK**



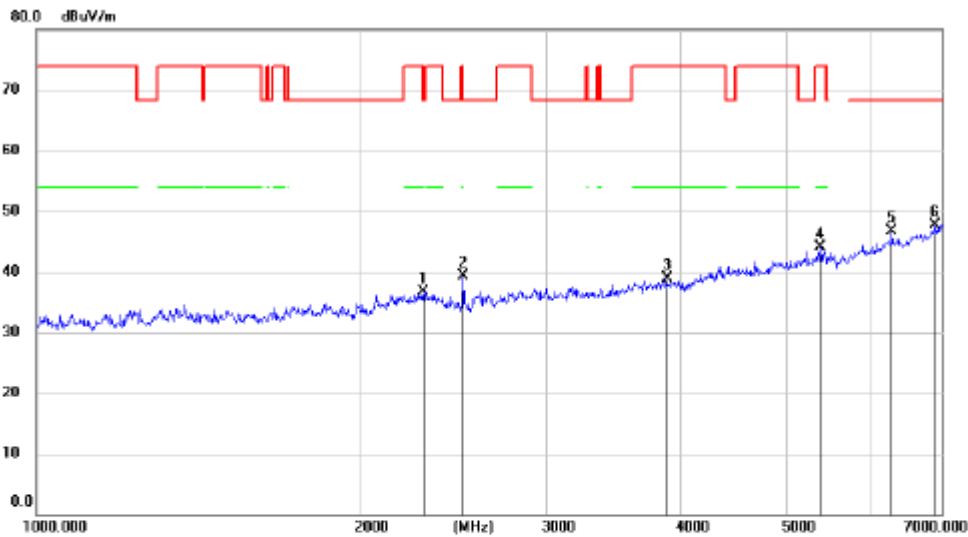
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5725.000	22.86	41.49	64.35	68.20	-3.85	peak		

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.



## HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

### HORIZONTAL RESULTS 1-7GHz

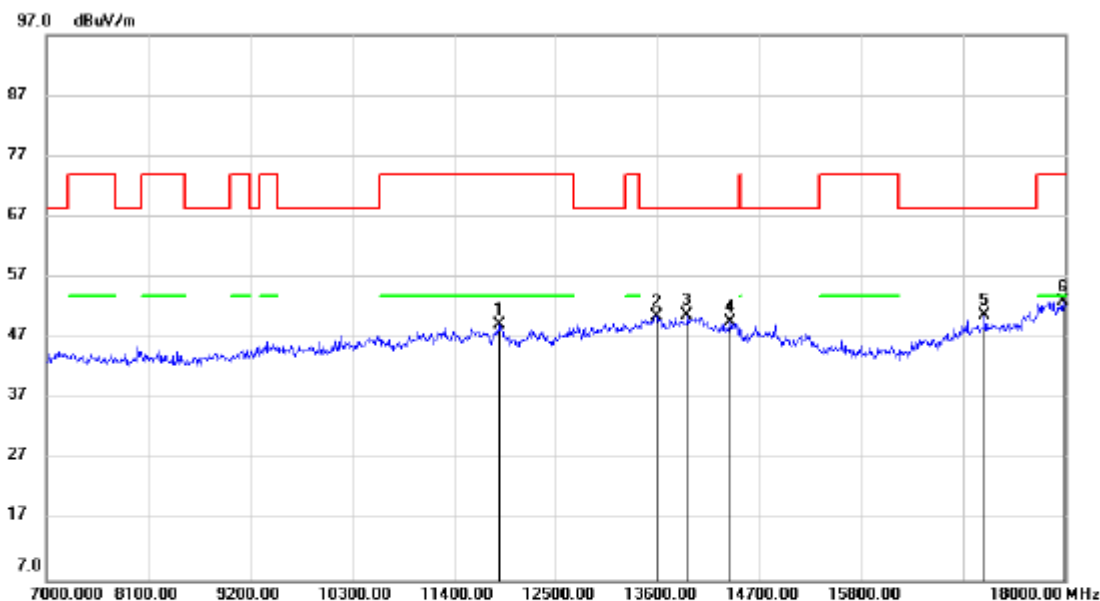


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	2299.863	45.01	-8.36	36.65	74.00	-37.35	peak			
2	2500.582	48.57	-9.28	39.29	68.20	-28.91	peak			
3	3866.724	43.53	-4.65	38.88	74.00	-35.12	peak			
4	5393.304	43.91	0.26	44.17	74.00	-29.83	peak			
5	6289.522	43.55	3.19	46.74	68.20	-21.46	peak			
6 *	6905.297	42.63	5.04	47.67	68.20	-20.53	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.



**HORIZONTAL RESULTS**  
**7-18GHz**

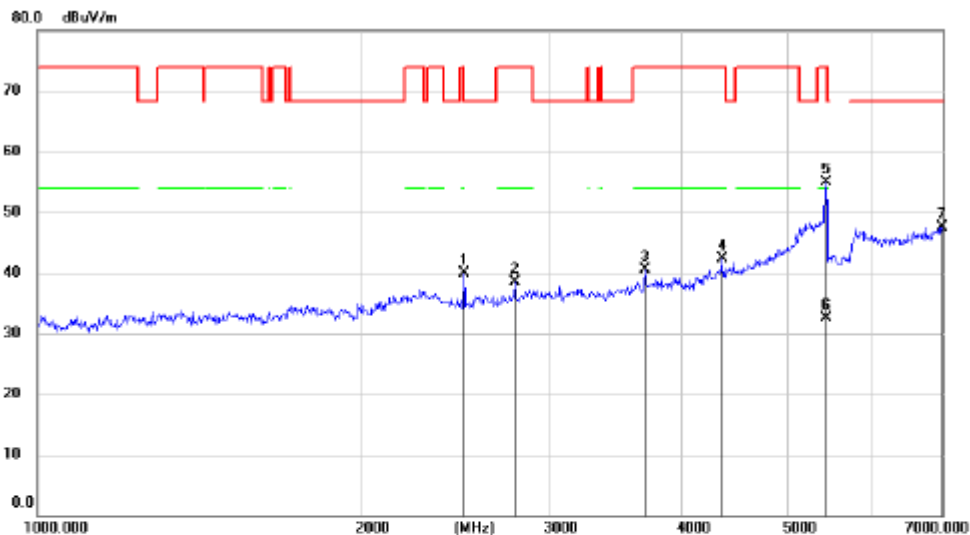


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		11884.00	34.24	14.93	49.17	74.00	-24.83	peak		
2		13589.00	32.16	18.49	50.65	68.20	-17.55	peak		
3		13919.00	32.15	18.55	50.70	68.20	-17.50	peak		
4		14381.00	31.64	17.91	49.55	68.20	-18.65	peak		
5	*	17131.00	30.44	20.31	50.75	68.20	-17.45	peak		
6		17978.00	28.13	24.81	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.



**VERTICAL RESULTS**  
**1-7GHz**



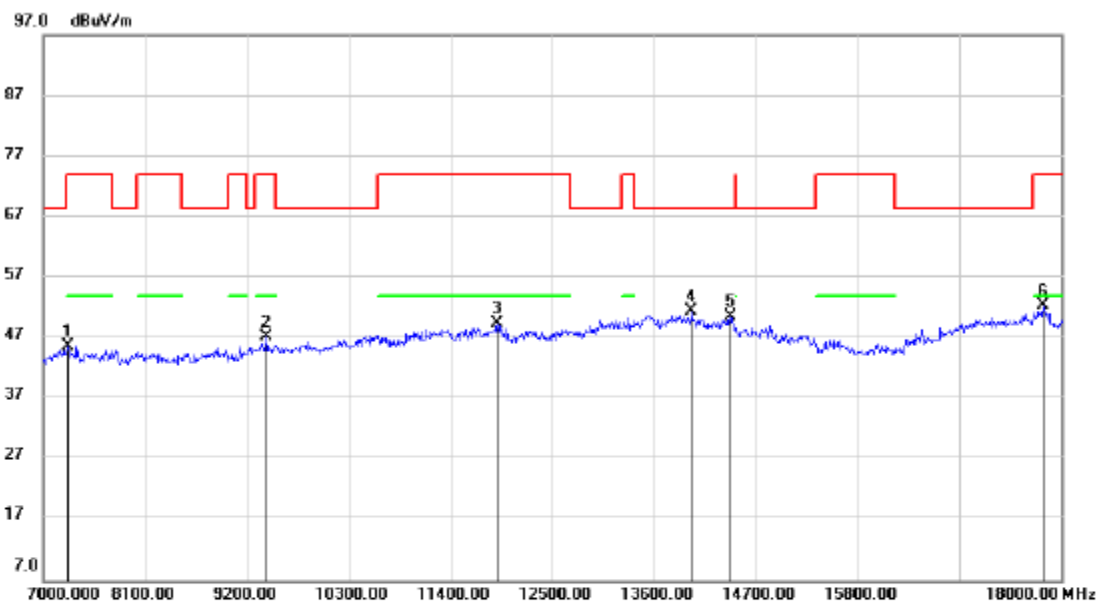
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		2500.582	49.02	-9.18	39.84	68.20	-28.36	peak			
2		2788.474	46.22	-7.79	38.43	74.00	-35.57	peak			
3		3690.293	45.50	-5.04	40.46	74.00	-33.54	peak			
4		4354.057	45.09	-2.71	42.38	74.00	-31.62	peak			
5	*	5456.642	54.21	0.72	54.93	74.00	-19.07	peak			
6		5456.642	31.88	0.72	32.60	54.00	-21.40	AVG	200	63	
7		6986.392	42.24	5.35	47.59	68.20	-20.61	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.





### 7-18GHz



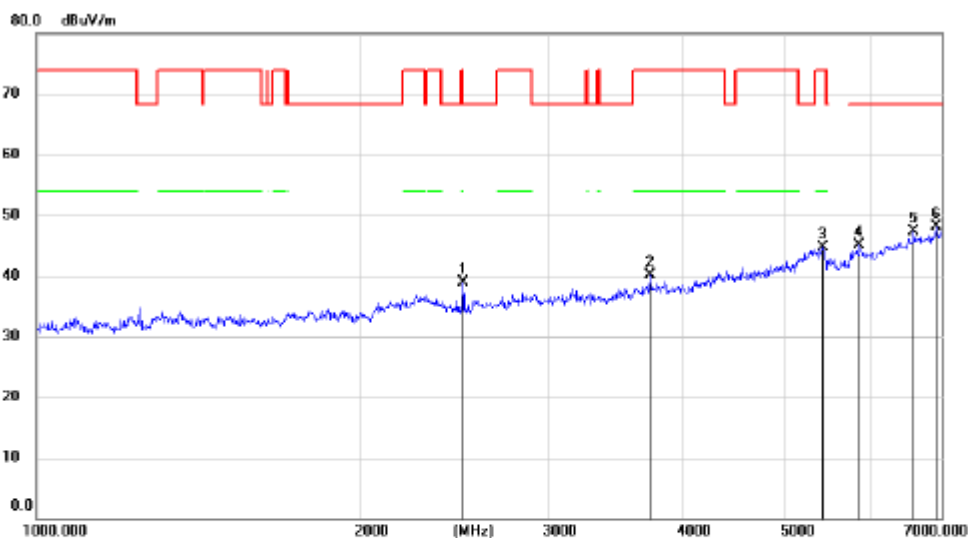
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		7264.000	39.25	6.38	45.63	74.00	-28.37	peak		
2		9409.000	37.59	9.57	47.16	74.00	-26.84	peak		
3		11906.00	34.70	14.75	49.45	74.00	-24.55	peak		
4	*	14007.00	32.82	18.54	51.36	68.20	-16.84	peak		
5		14425.00	32.52	17.97	50.49	68.20	-17.71	peak		
6		17802.00	27.79	24.61	52.40	74.00	-21.60	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.



## HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

### HORIZONTAL RESULTS 1-7GHz

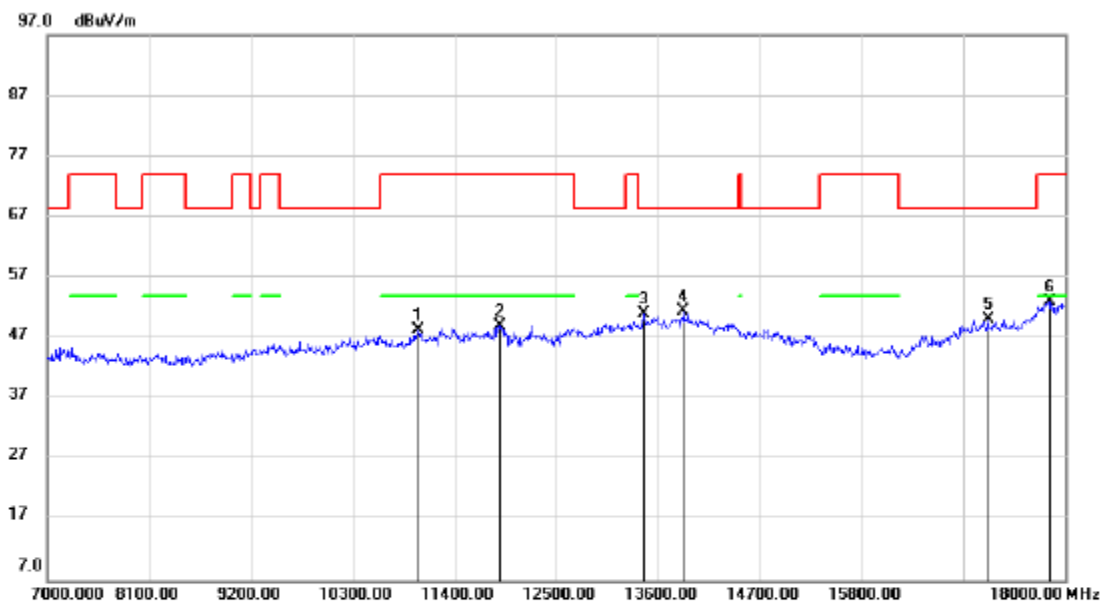


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2500.582	48.23	-9.28	38.95	68.20	-29.25	peak		
2		3740.903	45.10	-4.96	40.14	74.00	-33.86	peak		
3		5424.881	44.23	0.50	44.73	74.00	-29.27	peak		
4		5884.002	43.70	1.41	45.11	68.20	-23.09	peak		
5		6590.221	43.09	4.17	47.26	68.20	-20.94	peak		
6	*	6918.747	43.01	5.09	48.10	68.20	-20.10	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.



**HORIZONTAL RESULTS**  
**7-18GHz**

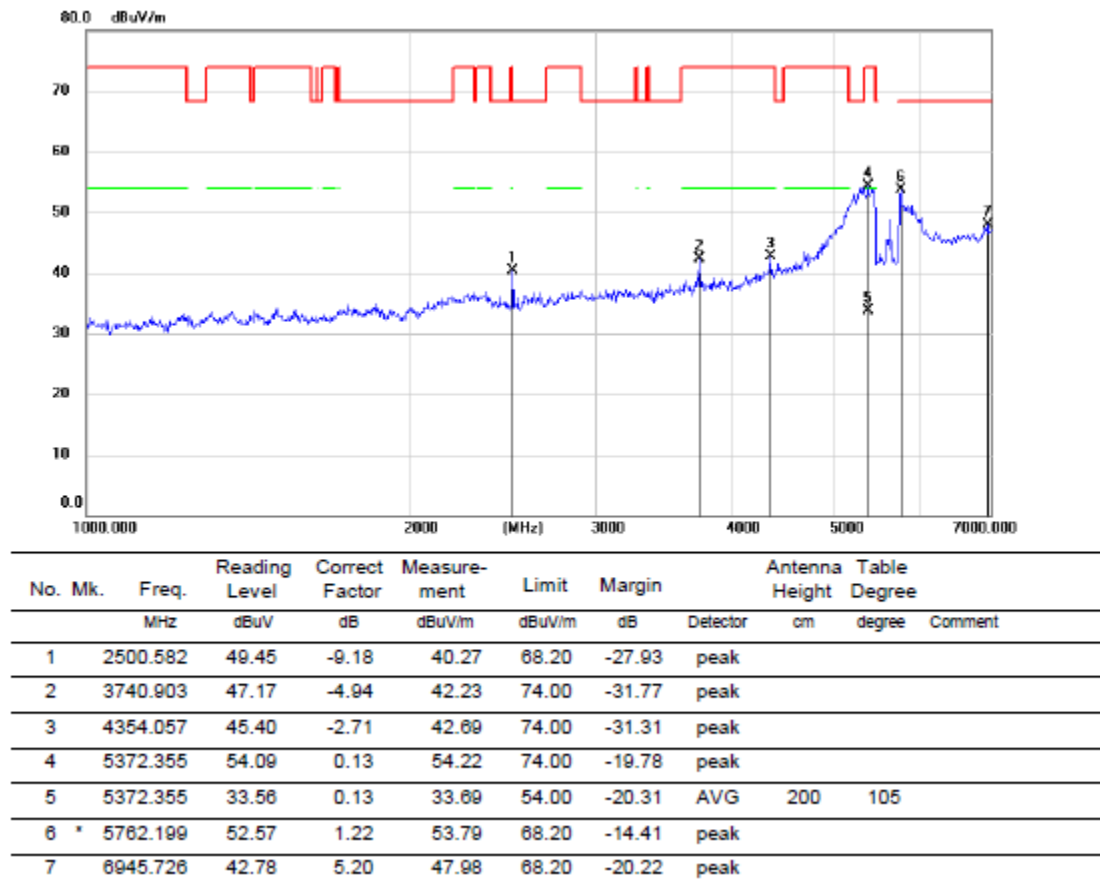


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		11004.00	35.27	12.91	48.18	74.00	-25.82	peak		
2		11884.00	34.12	14.93	49.05	74.00	-24.95	peak		
3		13446.00	32.92	18.05	50.97	68.20	-17.23	peak		
4	*	13875.00	32.95	18.56	51.51	68.20	-16.69	peak		
5		17164.00	29.63	20.51	50.14	68.20	-18.06	peak		
6		17824.00	28.69	24.25	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.



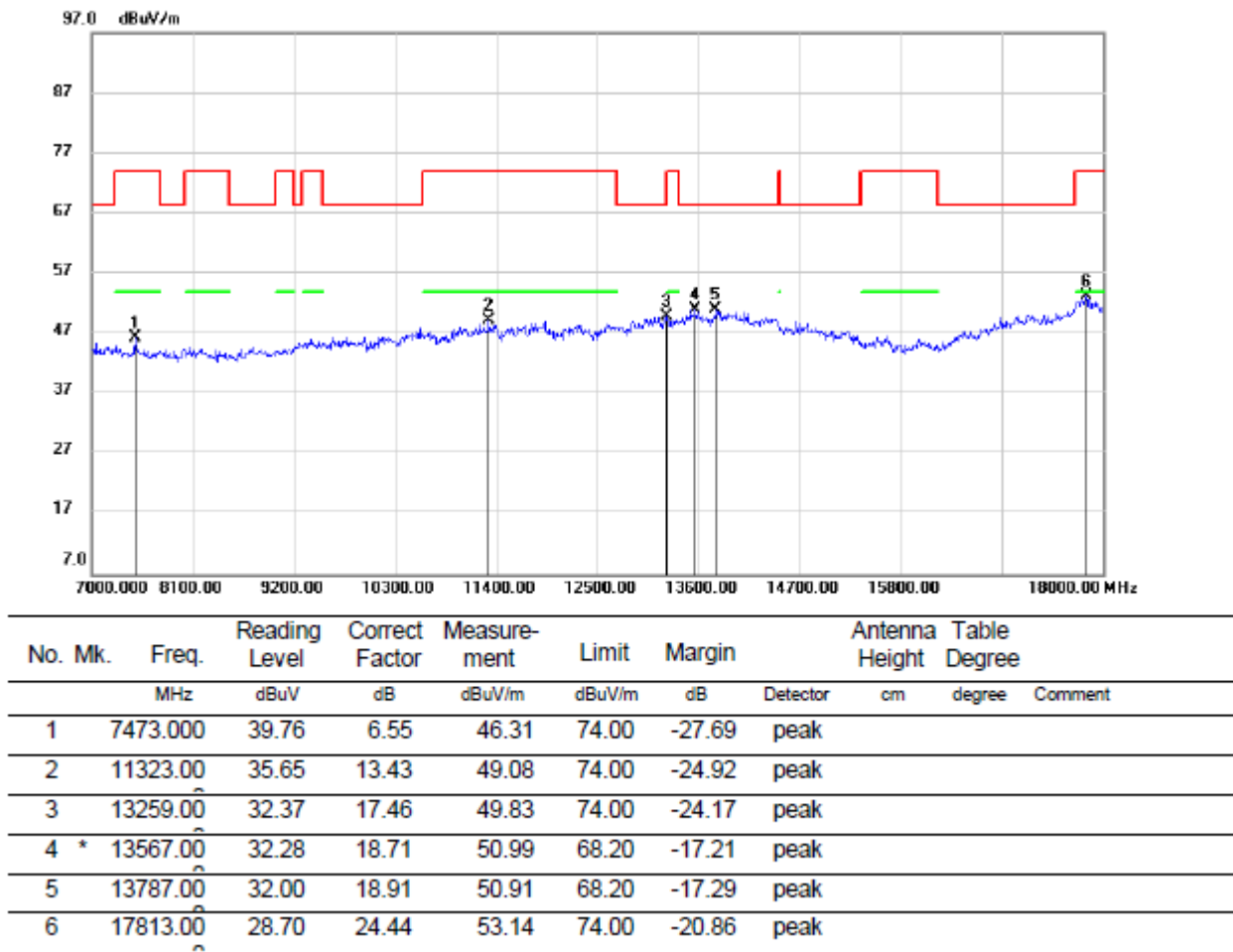
**VERTICAL RESULTS**  
**1-7GHz**



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.



### 7-18GHz



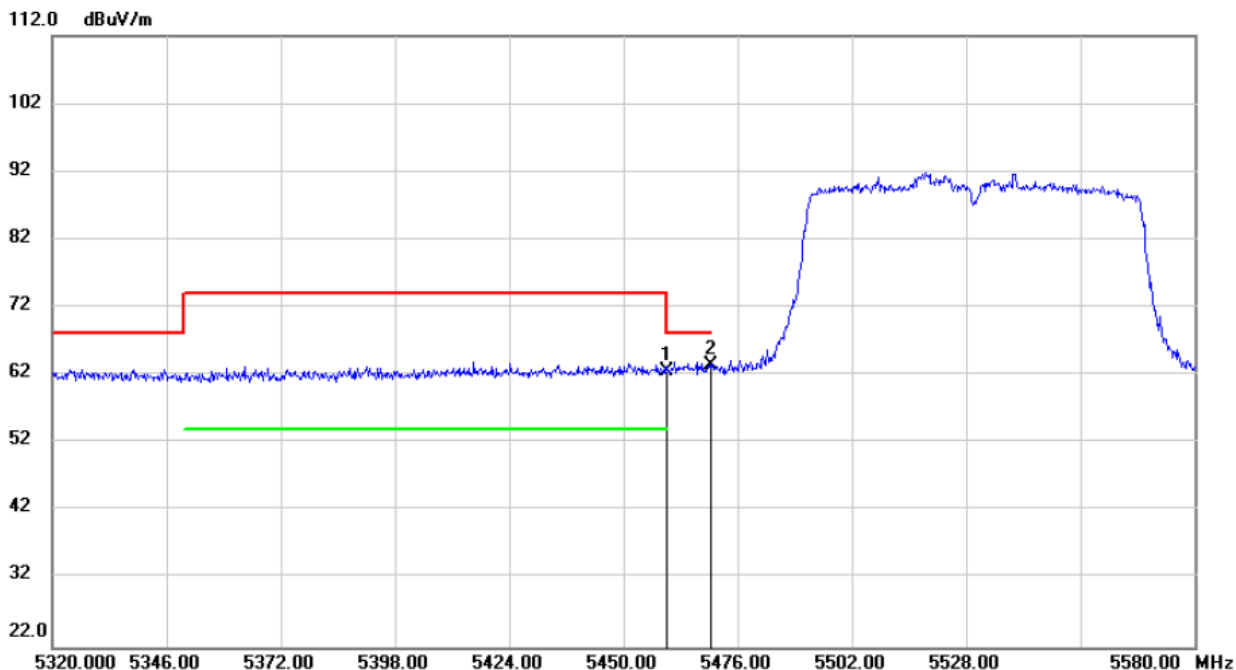
Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.



**SISO MODE ANTENNA 2 (WORST-CASE CONFIGURATION)**

**RESTRICTED BANDEDGE LOW CHANNEL**

**HORIZONTAL RESULTS**  
**PEAK**

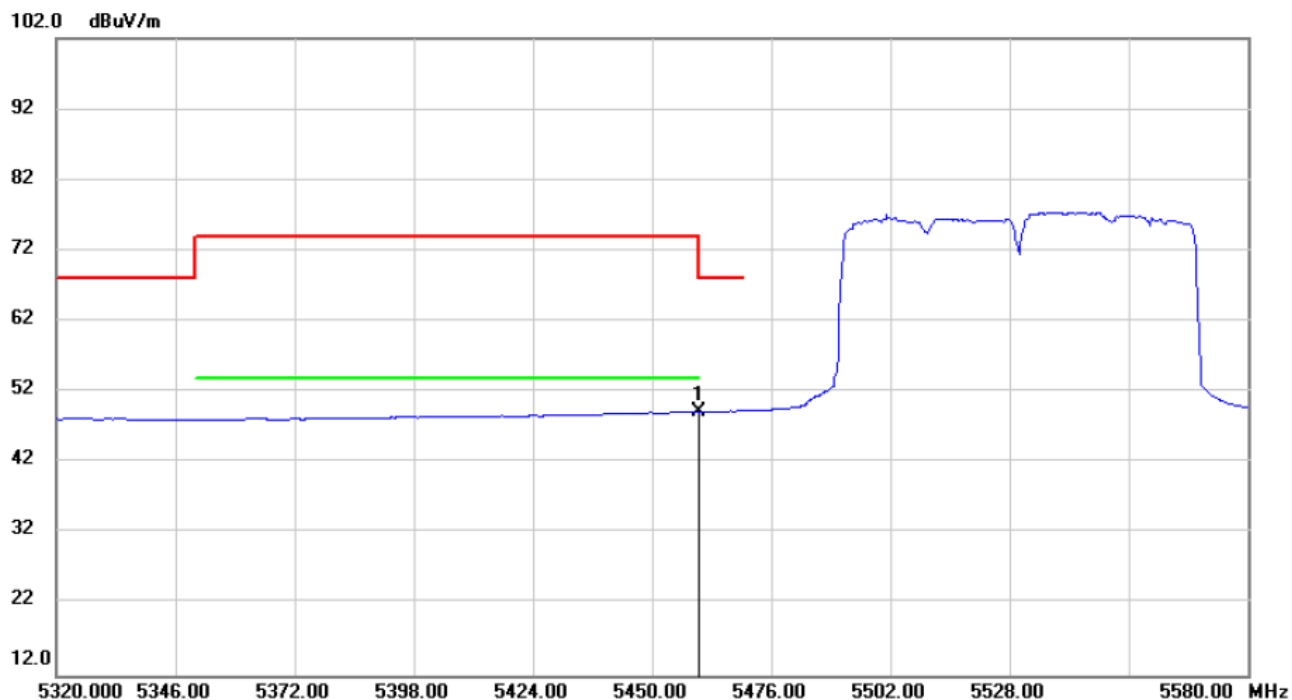


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5460.000	21.42	41.26	62.68	68.20	-5.52			peak
2	*	5470.000	22.21	41.33	63.54	68.20	-4.66			peak

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.



**AVG**

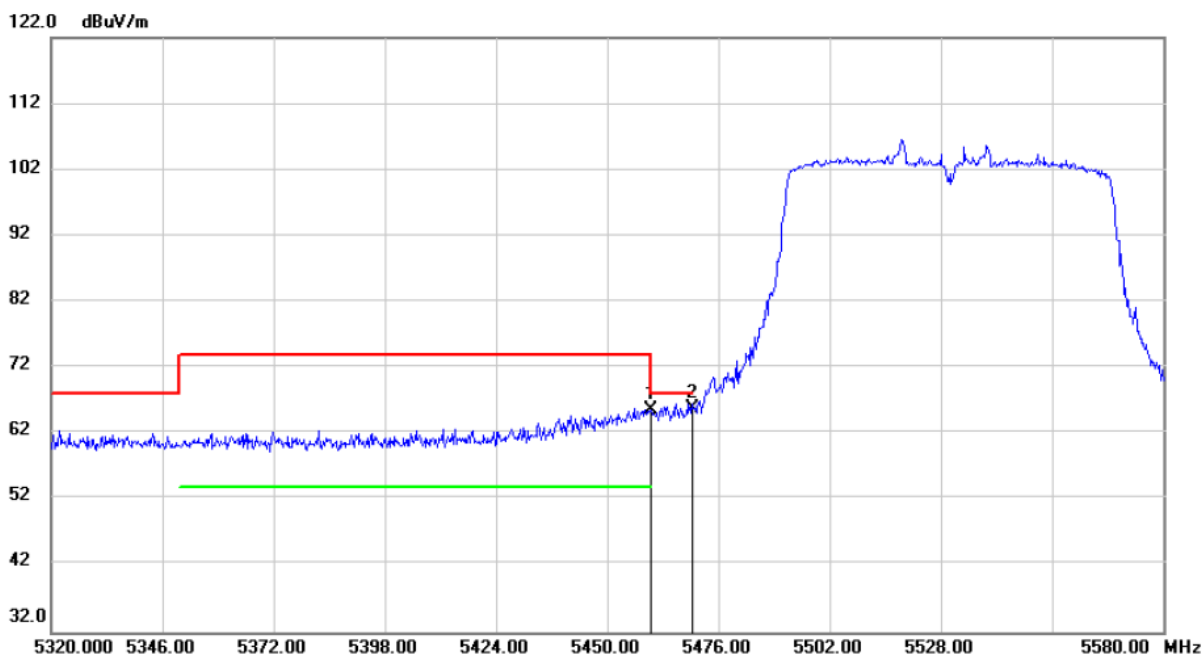


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5460.000	7.94	41.26	49.20	54.00	-4.80	AVG		

Note: 1. Measurement = Reading Level + Correct Factor  
2. AVG:VBW=1/T,(For the value of 1/T, please refer to the table on page 27).  
3. For duty cycle, please refer to clause 6.1.



**VERTICAL RESULTS**  
**PEAK**



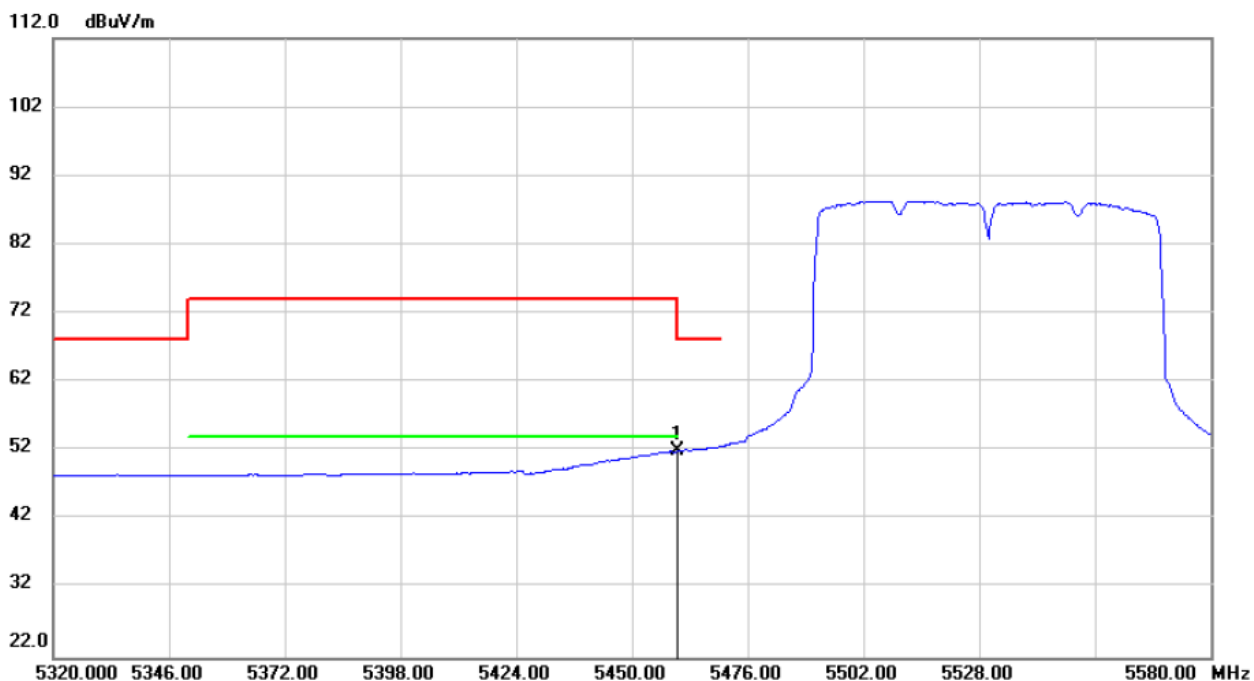
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5460.000	24.41	41.26	65.67	68.20	-2.53			peak
2	*	5470.000	24.63	41.33	65.96	68.20	-2.24			peak

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.





**AVG**



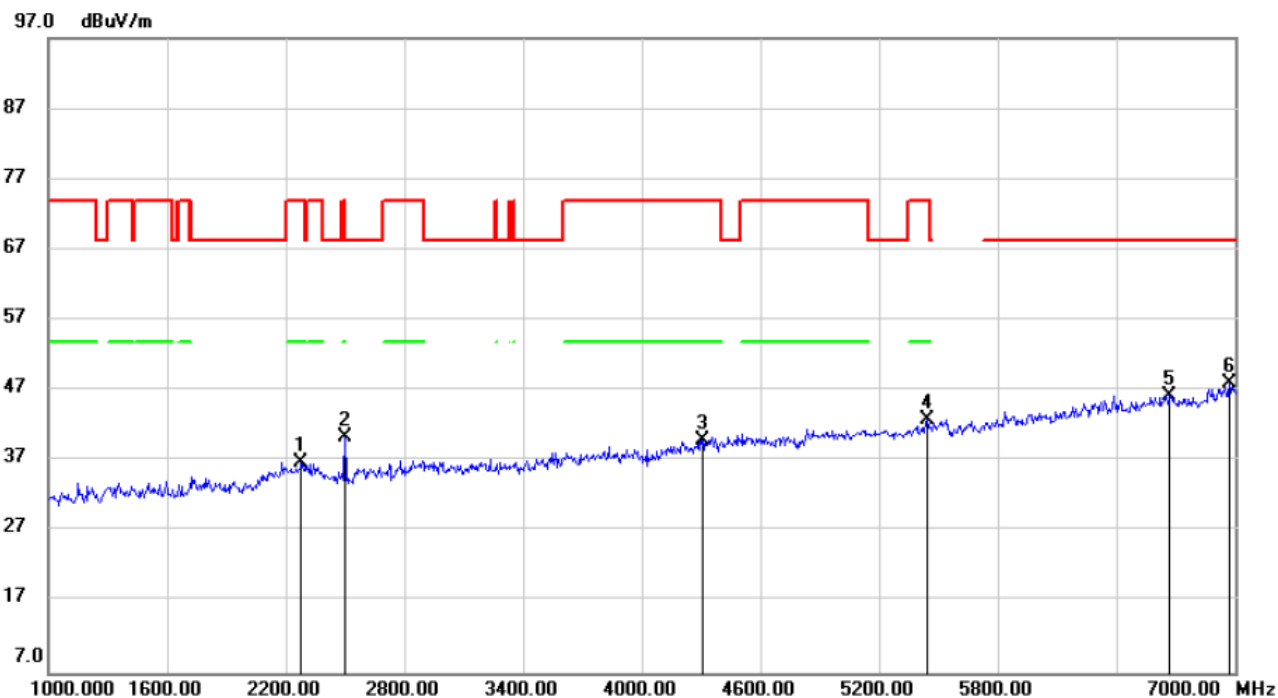
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5460.000	10.67	41.26	51.93	54.00	-2.07	AVG		

Note: 1. Measurement = Reading Level + Correct Factor  
2. AVG:VBW=1/T,(For the value of 1/T, please refer to the table on page 27).  
3. For duty cycle, please refer to clause 6.1.



## HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

### HORIZONTAL RESULTS 1-7GHz

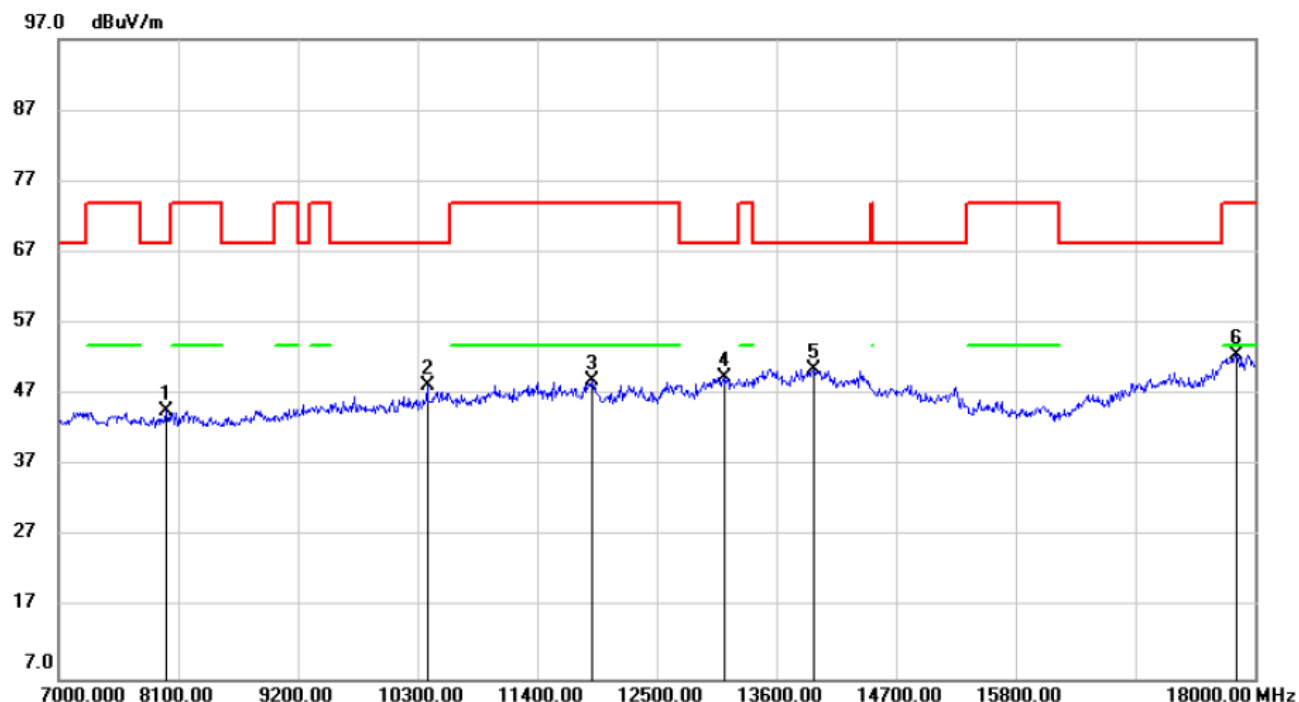


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2278.000	45.27	-8.37	36.90	74.00	-37.10	peak		
2		2500.000	49.68	-9.28	40.40	68.20	-27.80	peak		
3		4306.000	43.03	-3.09	39.94	74.00	-34.06	peak		
4		5446.000	42.31	0.64	42.95	74.00	-31.05	peak		
5		6670.000	42.14	4.16	46.30	68.20	-21.90	peak		
6	*	6970.000	42.69	5.28	47.97	68.20	-20.23	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.



**HORIZONTAL RESULTS**  
**7-18GHz**

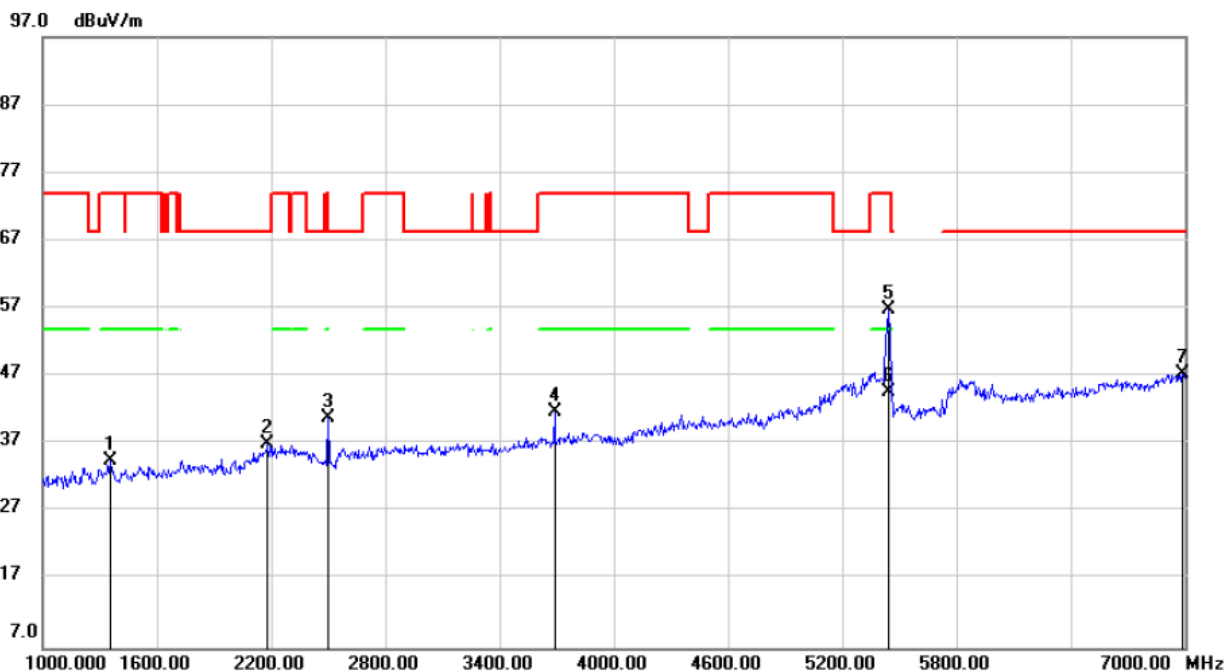


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		7990.000	37.77	6.82	44.59	68.20	-23.61	peak		
2		10388.00	36.86	11.33	48.19	68.20	-20.01	peak		
3		11906.00	33.81	15.16	48.97	74.00	-25.03	peak		
4		13116.00	33.03	16.46	49.49	68.20	-18.71	peak		
5	*	13941.00	32.08	18.55	50.63	68.20	-17.57	peak		
6		17835.00	28.30	24.25	52.55	74.00	-21.45	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.



**VERTICAL RESULTS**  
**1-7GHz**

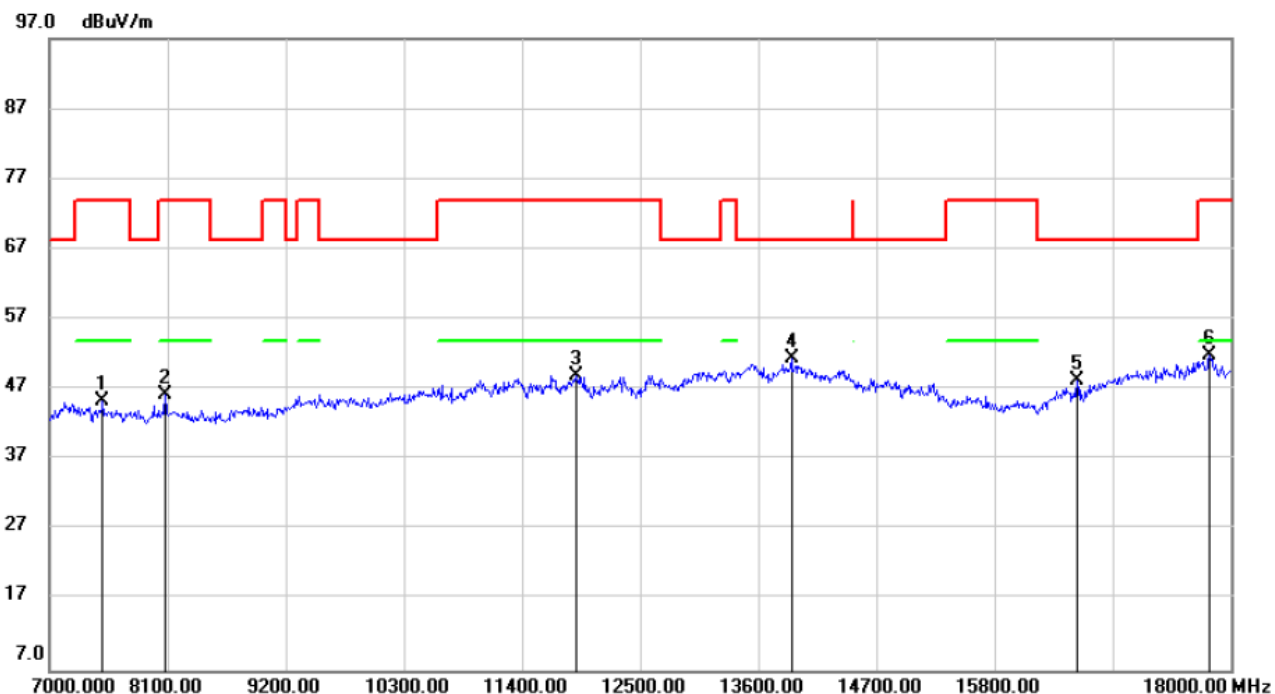


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		1354.000	47.38	-12.77	34.61	74.00	-39.39	peak		
2		2182.000	46.18	-9.16	37.02	68.20	-31.18	peak		
3		2500.000	49.98	-9.18	40.80	68.20	-27.40	peak		
4		3688.000	46.74	-5.05	41.69	74.00	-32.31	peak		
5		5440.000	56.25	0.61	56.86	74.00	-17.14	peak		
6	*	5440.000	44.14	0.61	44.75	54.00	-9.25	AVG		
7		6988.000	42.04	5.35	47.39	68.20	-20.81	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.



### 7-18GHz



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		7495.000	38.55	6.81	45.36	74.00	-28.64	peak		
2		8078.000	39.55	6.72	46.27	74.00	-27.73	peak		
3		11906.00	34.28	14.75	49.03	74.00	-24.97	peak		
4	*	13908.00	32.79	18.72	51.51	68.20	-16.69	peak		
5		16570.00	30.55	17.76	48.31	68.20	-19.89	peak		
6		17802.00	27.26	24.61	51.87	74.00	-22.13	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.

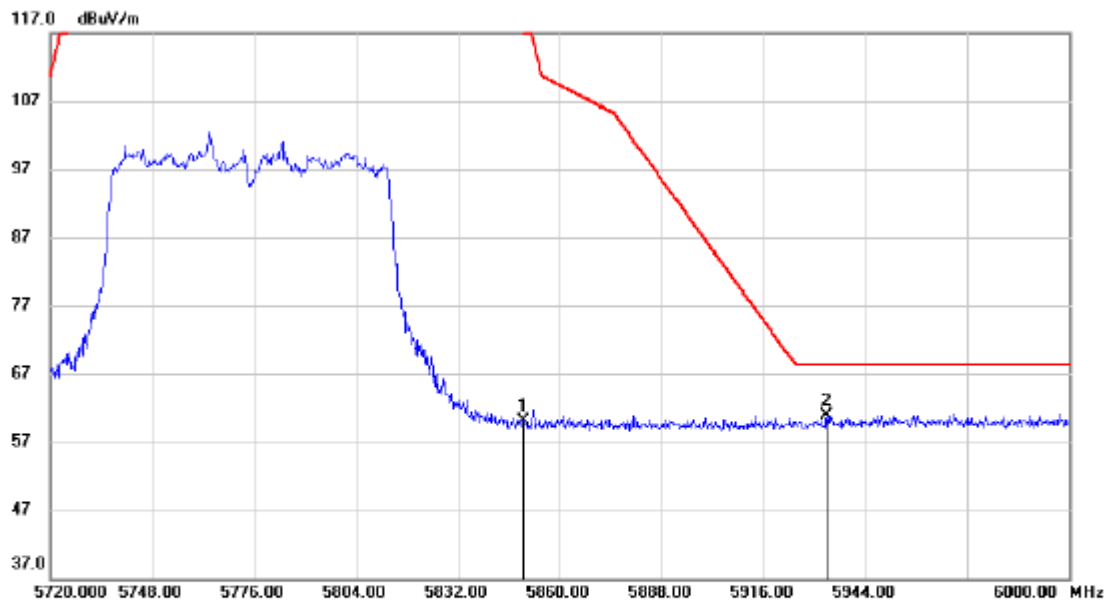


#### 7.6.4. UNII-3 BAND

##### MIMO MODE (WORST-CASE CONFIGURATION)

##### RESTRICTED BANDEDGE LOW CHANNEL

##### HORIZONTAL RESULTS

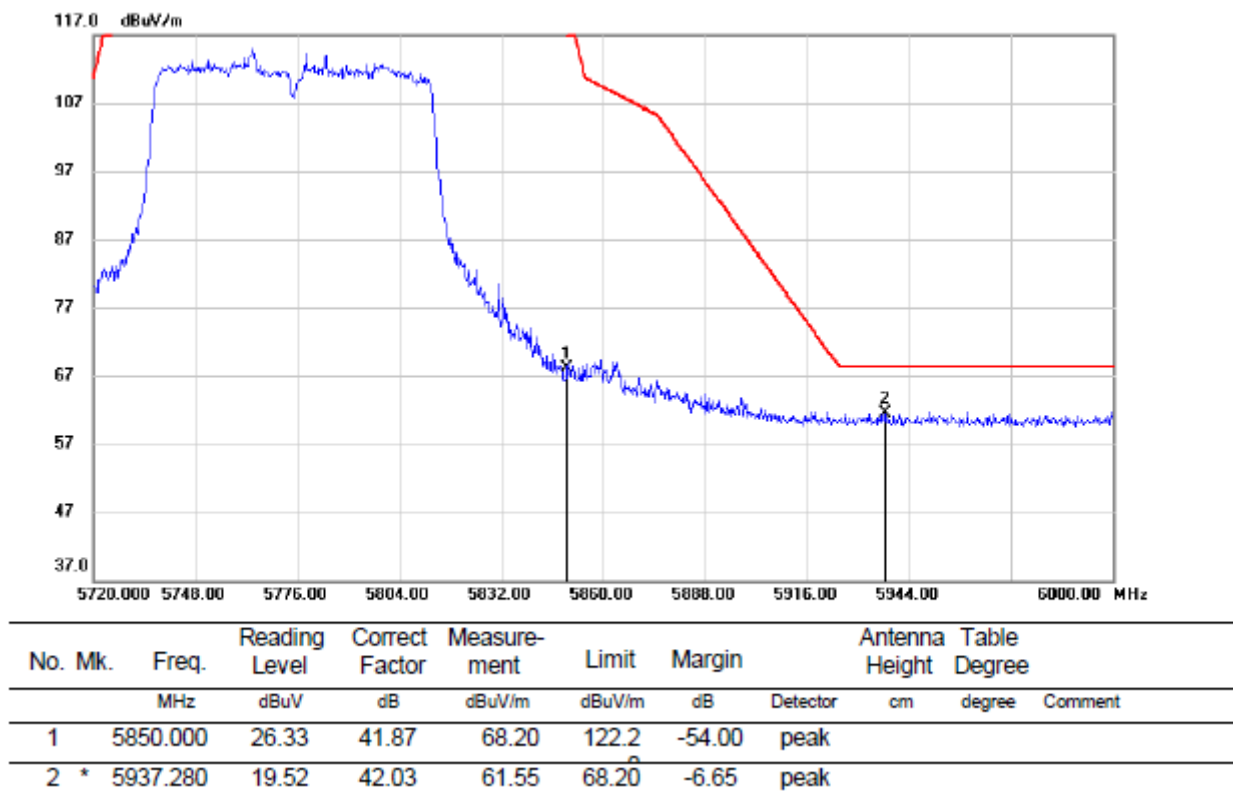


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5850.000	18.34	41.77	60.11	122.20	-62.09	peak		
2	*	5933.360	19.00	41.91	60.91	68.20	-7.29	peak		

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



### VERTICAL RESULTS

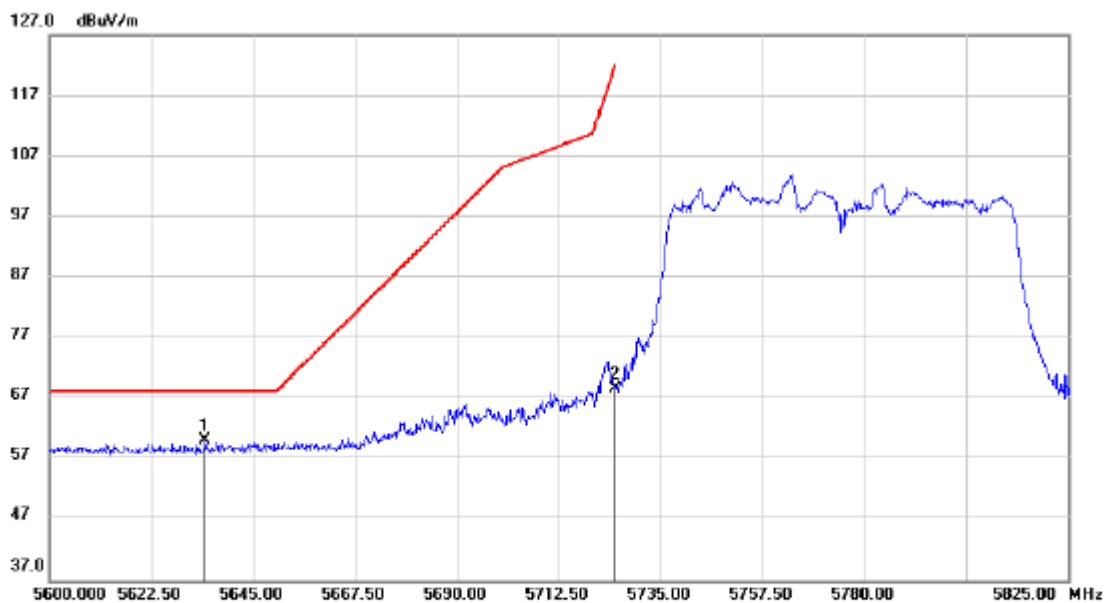


Note: 1. Measurement = Reading Level + Correct Factor.



**RESTRICTED BANDEDGE HIGH CHANNEL**

**HORIZONTAL RESULTS**



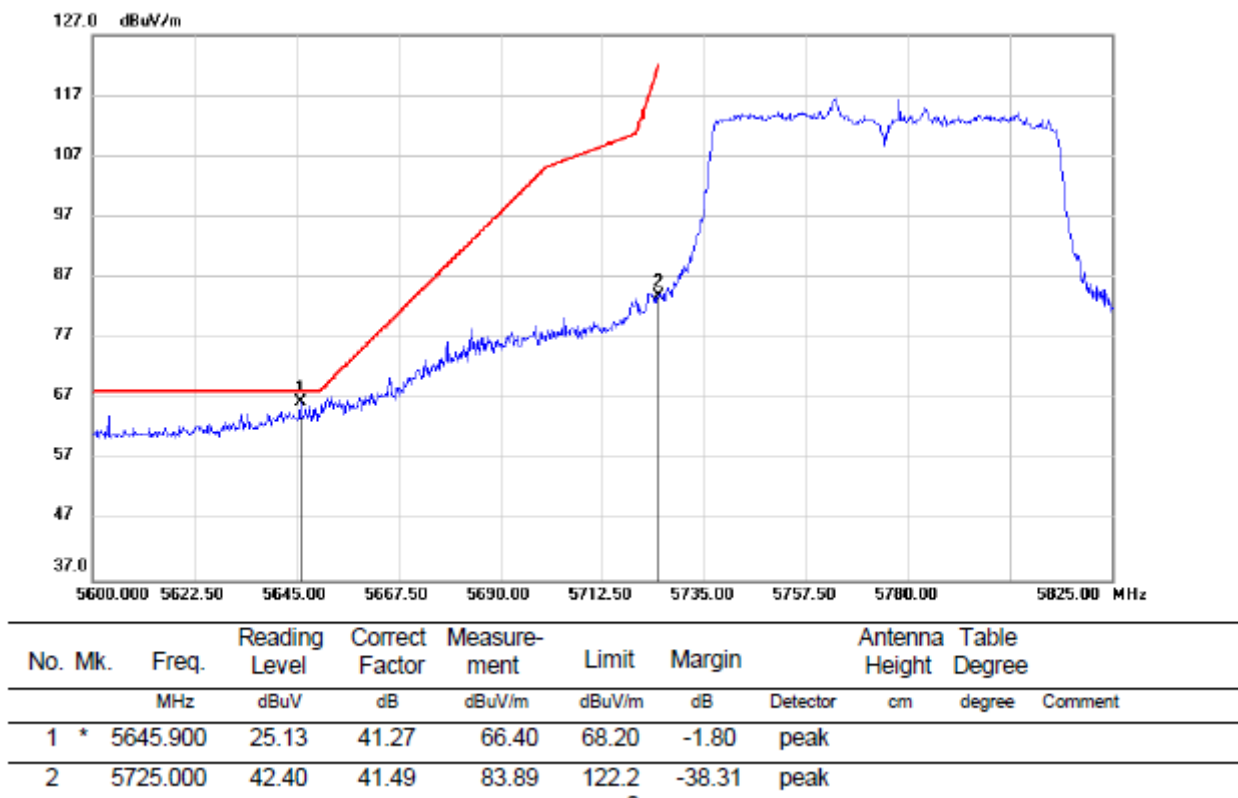
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	dBuV	Factor	ment			Height	Degree	
				dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5634.425	18.83	41.17	60.00	68.20	-8.20			peak
2		5725.000	27.26	41.39	68.65	122.2	-53.55			peak

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





### VERTICAL RESULTS

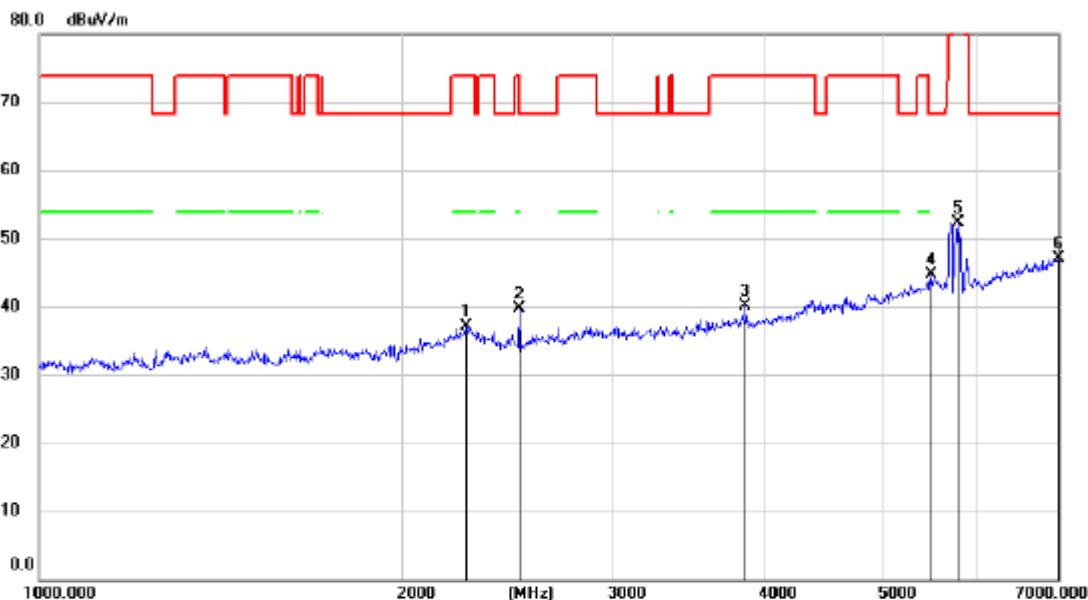


Note: 1. Measurement = Reading Level + Correct Factor.



## HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

### HORIZONTAL RESULTS 1-7GHz

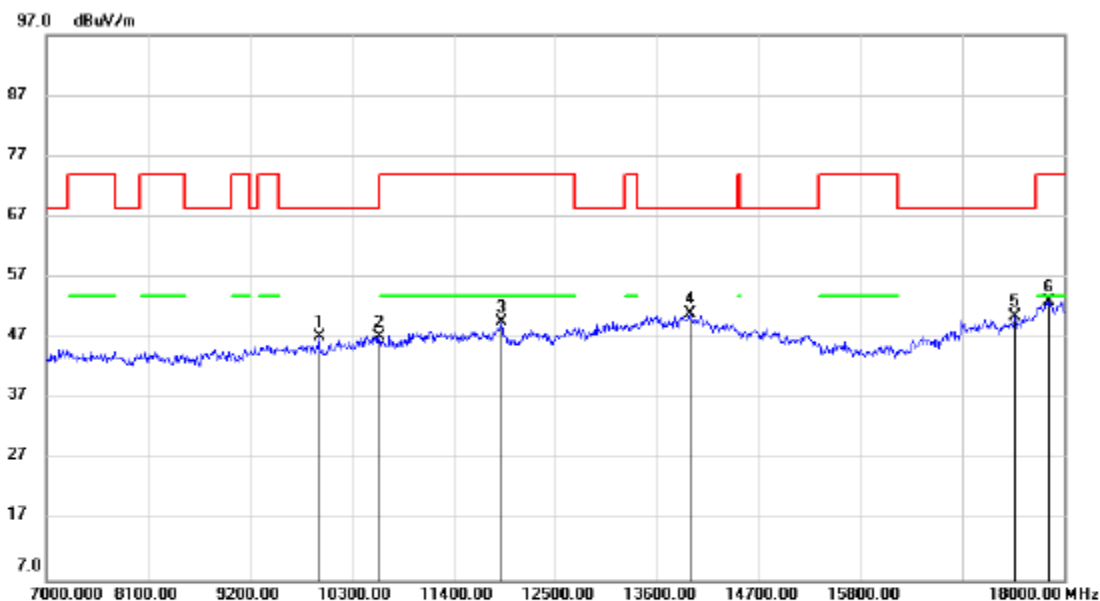


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2264.338	45.48	-8.37	37.11	74.00	-36.89			peak
2		2500.582	48.91	-9.28	39.63	68.20	-28.57			peak
3		3851.704	44.81	-4.65	40.16	74.00	-33.84			peak
4		5488.590	43.67	0.95	44.62	68.20	-23.58			peak
5		5784.668	51.05	1.24	52.29					peak
6	*	7000.000	41.63	5.39	47.02	68.20	-21.18			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.



**HORIZONTAL RESULTS**  
**7-18GHz**

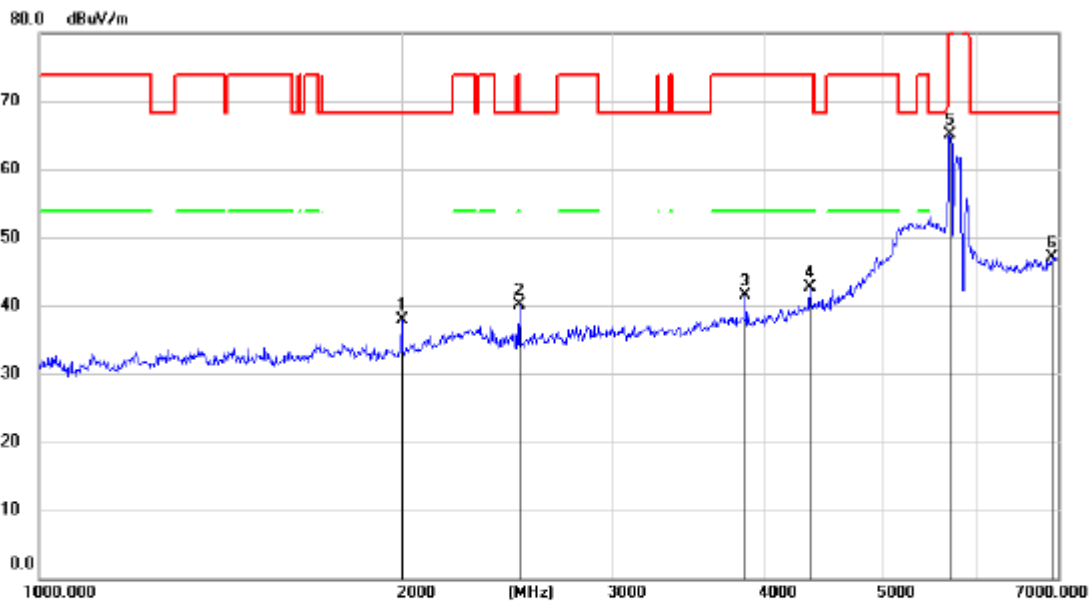


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		9948.000	36.85	10.36	47.21	68.20	-20.99	peak		
2		10597.00	35.48	11.76	47.24	68.20	-20.96	peak		
3		11917.00	34.55	14.98	49.53	74.00	-24.47	peak		
4	*	13952.00	32.43	18.56	50.99	68.20	-17.21	peak		
5		17461.00	29.45	21.16	50.61	68.20	-17.59	peak		
6		17835.00	28.72	24.25	52.97	74.00	-21.03	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.



**VERTICAL RESULTS**  
**1-7GHz**

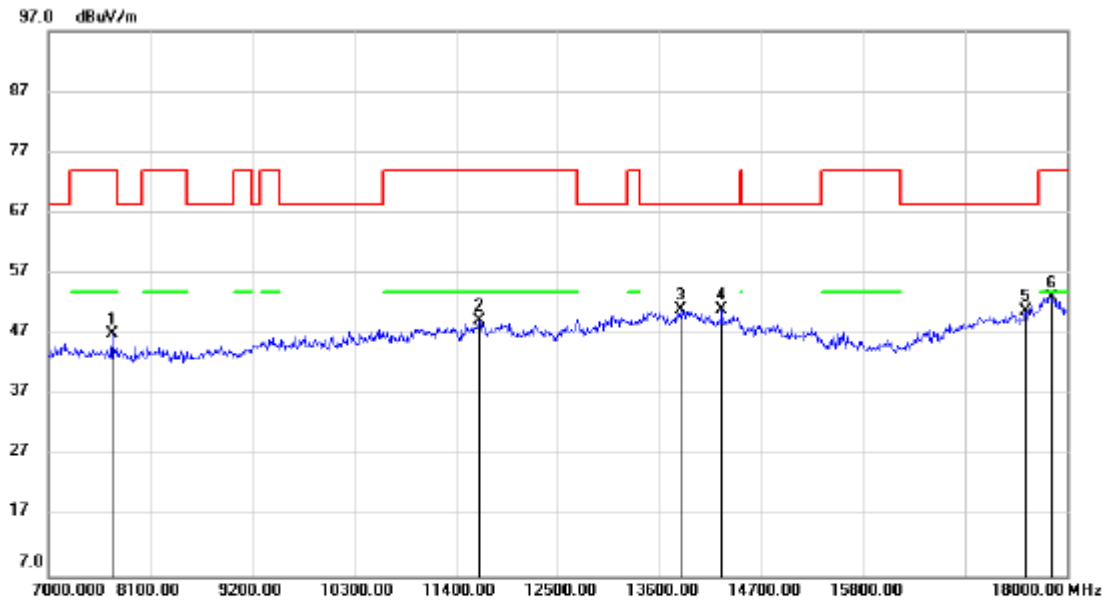


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		1999.194	49.11	-11.21	37.90	68.20	-30.30			peak
2		2500.582	49.20	-9.18	40.02	68.20	-28.18			peak
3		3851.704	46.13	-4.55	41.58	74.00	-32.42			peak
4		4354.057	45.41	-2.71	42.70	74.00	-31.30			peak
5		5695.314	64.13	0.99	65.12	101.7	-36.61			peak
6	*	6918.747	42.04	5.16	47.20	68.20	-21.00			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.



### 7-18GHz



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna Table		
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		7693.000	40.50	6.39	46.89	74.00	-27.11			peak
2		11653.00	34.80	14.47	49.27	74.00	-24.73			peak
3		13831.00	32.10	18.89	50.99	68.20	-17.21			peak
4	*	14271.00	33.19	17.85	51.04	68.20	-17.16			peak
5		17549.00	28.78	22.07	50.85	68.20	-17.35			peak
6		17824.00	28.74	24.26	53.00	74.00	-21.00			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.



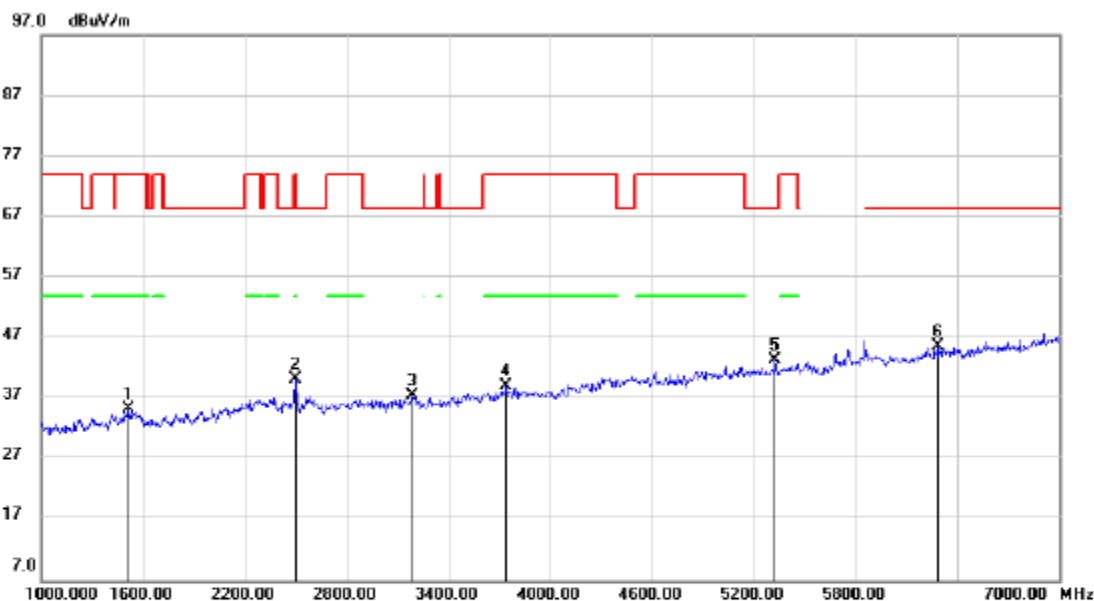
## 7.6.5. STRADDLE CHANNEL 138

### MIMO MODE (WORST-CASE CONFIGURATION)

### HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

#### HORIZONTAL RESULTS

1-7GHz

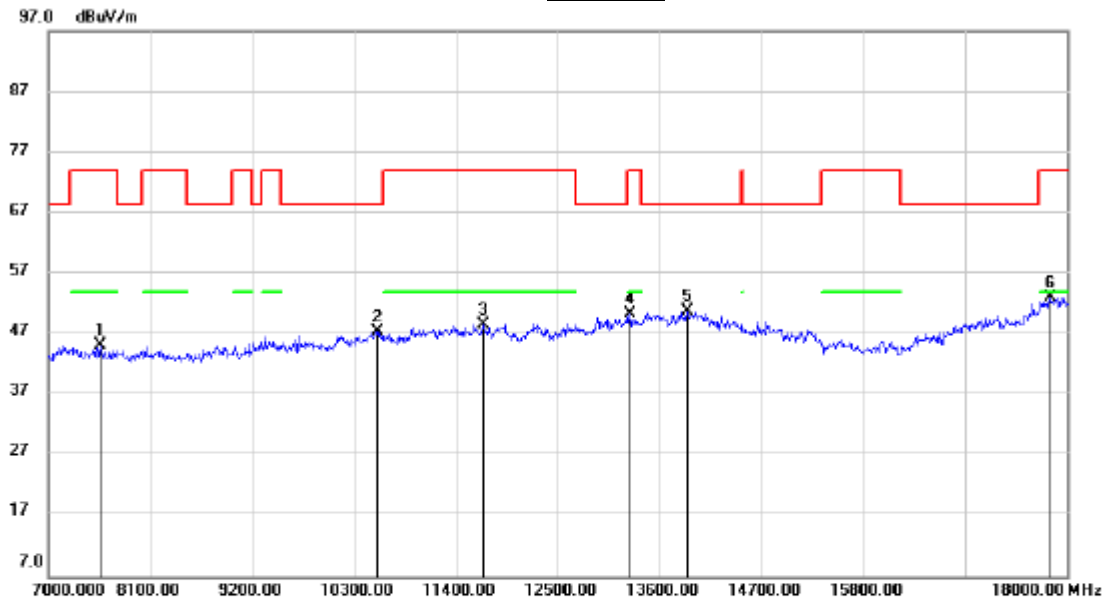


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	dBuV	Factor	ment			Height	Degree	Comment
				dB	dBuV/m	dBuV/m	dB	cm	degree	
1		1516.000	48.04	-12.70	35.34	74.00	-38.66			peak
2		2500.000	49.44	-9.28	40.16	68.20	-28.04			peak
3		3184.000	43.97	-6.55	37.42	68.20	-30.78			peak
4		3742.000	43.90	-4.95	38.95	74.00	-35.05			peak
5		5326.000	43.52	-0.24	43.28	68.20	-24.92			peak
6	*	6280.000	42.49	3.14	45.63	68.20	-22.57			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.



### HORIZONTAL RESULTS 7-18GHz

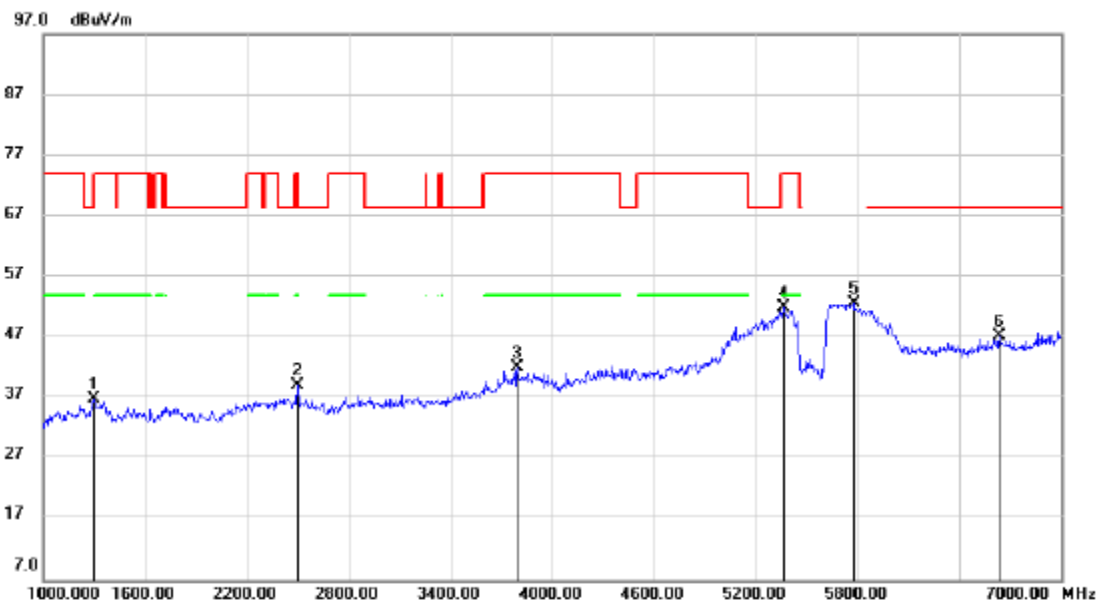


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna Table		
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		7561.000	38.47	6.64	45.11	74.00	-28.89	peak		
2		10553.00	35.37	11.97	47.34	68.20	-20.86	peak		
3		11697.00	34.57	14.01	48.58	74.00	-25.42	peak		
4		13281.00	32.91	17.43	50.34	74.00	-23.66	peak		
5	*	13897.00	32.17	18.54	50.71	68.20	-17.49	peak		
6		17813.00	28.85	24.25	53.10	74.00	-20.90	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.



**VERTICAL RESULTS**  
**1-7GHz**



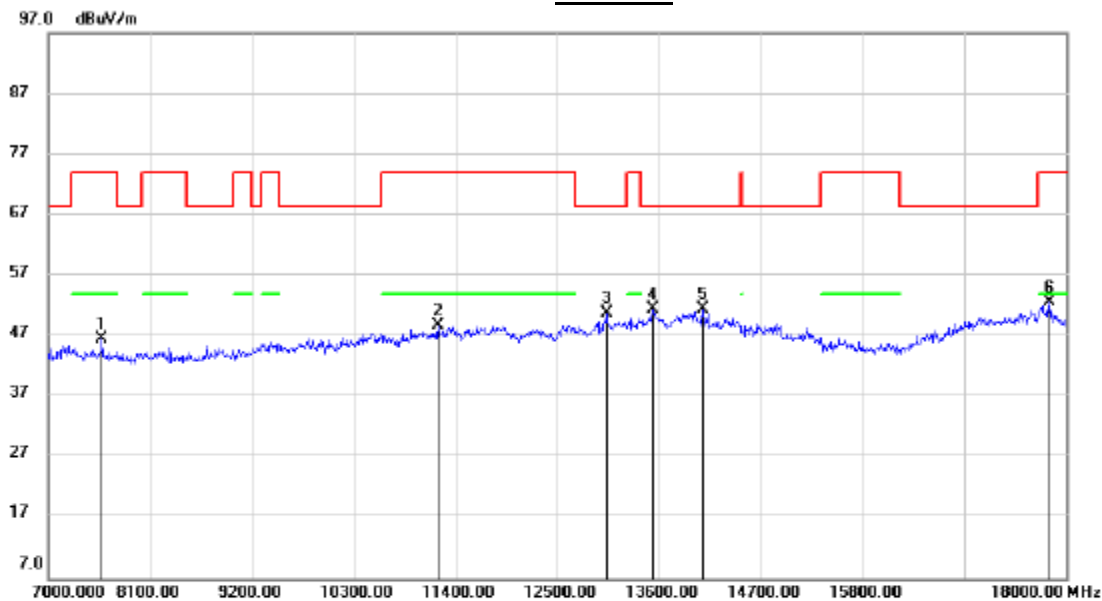
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		1300.000	49.77	-12.97	36.80	68.20	-31.40	peak		
2		2500.000	48.27	-9.18	39.09	68.20	-29.11	peak		
3		3796.000	46.72	-4.78	41.94	74.00	-32.06	peak		
4		5362.000	51.94	0.05	51.99	74.00	-22.01	peak		
5		5776.000	51.19	1.29	52.48			peak		
6	*	6634.000	42.72	4.35	47.07	68.20	-21.13	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.





### 7-18GHz



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna Table		
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		7583.000	39.86	6.56	46.42	74.00	-27.58	peak		
2		11213.00	35.09	13.54	48.63	74.00	-25.37	peak		
3		13028.00	34.00	16.68	50.68	68.20	-17.52	peak		
4	*	13534.00	32.58	18.79	51.37	68.20	-16.83	peak		
5		14073.00	32.94	18.41	51.35	68.20	-16.85	peak		
6		17813.00	28.19	24.44	52.63	74.00	-21.37	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.

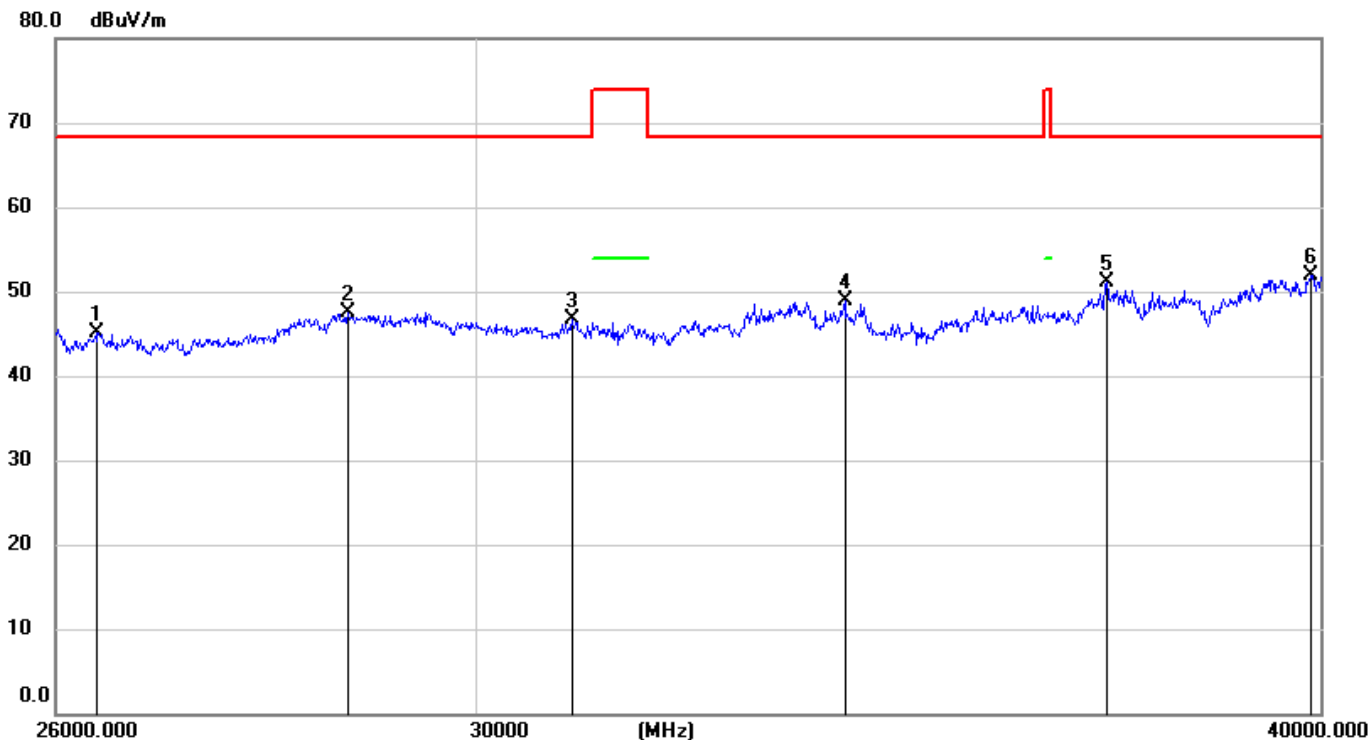


## 7.7. SPURIOUS EMISSIONS 26~40GHz

### 7.7.1. 802.11a MODE

#### MIMO MODE (WORST-CASE CONFIGURATION)

##### SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)

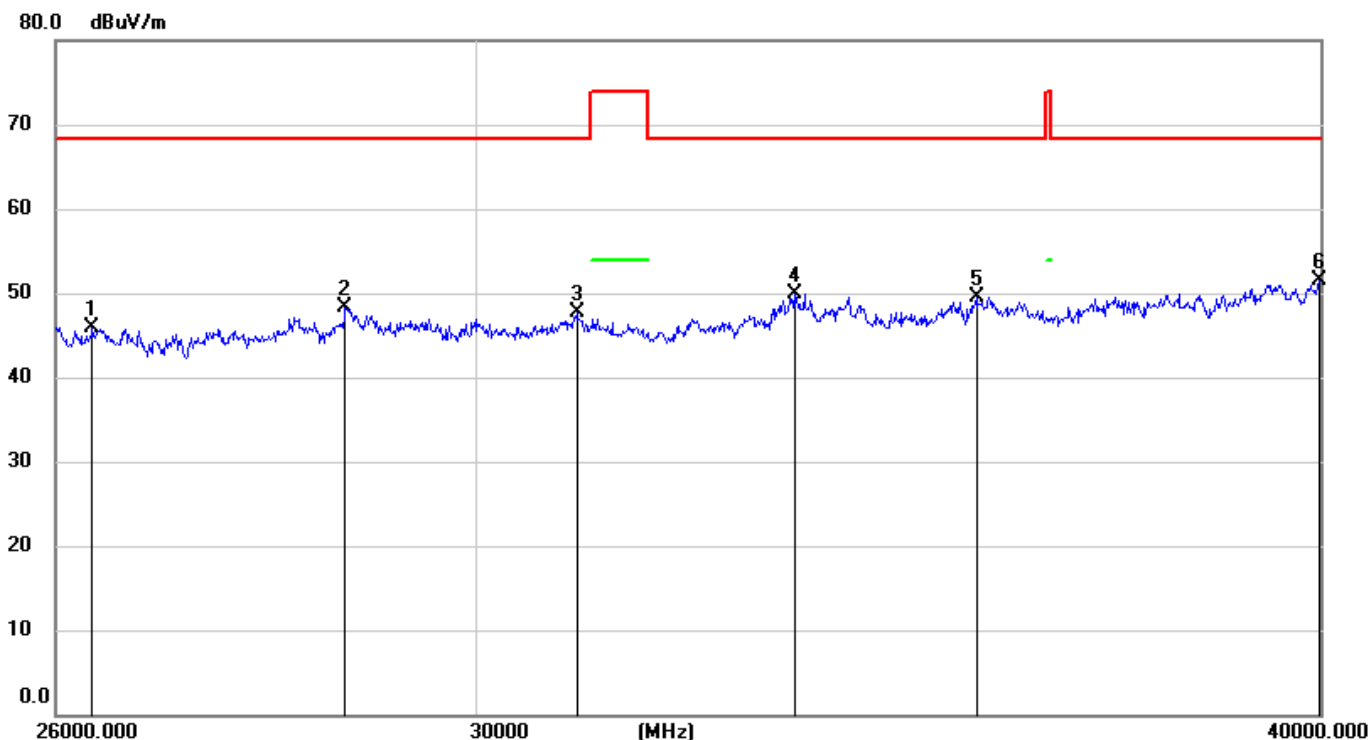


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26372.251	50.13	-4.98	45.15	68.20	-23.05	peak
2	28720.392	46.00	1.41	47.41	68.20	-20.79	peak
3	30995.932	47.82	-1.15	46.67	68.20	-21.53	peak
4	34018.520	47.11	1.84	48.95	68.20	-19.25	peak
5	37191.385	47.18	3.90	51.08	68.20	-17.12	peak
6	39862.387	45.17	6.80	51.97	68.20	-16.23	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.



**SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26326.848	50.96	-5.06	45.90	68.20	-22.30	peak
2	28695.658	47.19	1.18	48.37	68.20	-19.83	peak
3	31049.388	48.96	-1.19	47.77	68.20	-20.43	peak
4	33437.357	47.50	2.39	49.89	68.20	-18.31	peak
5	35577.254	46.69	2.80	49.49	68.20	-18.71	peak
6	39982.772	44.36	7.09	51.45	68.20	-16.75	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.

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

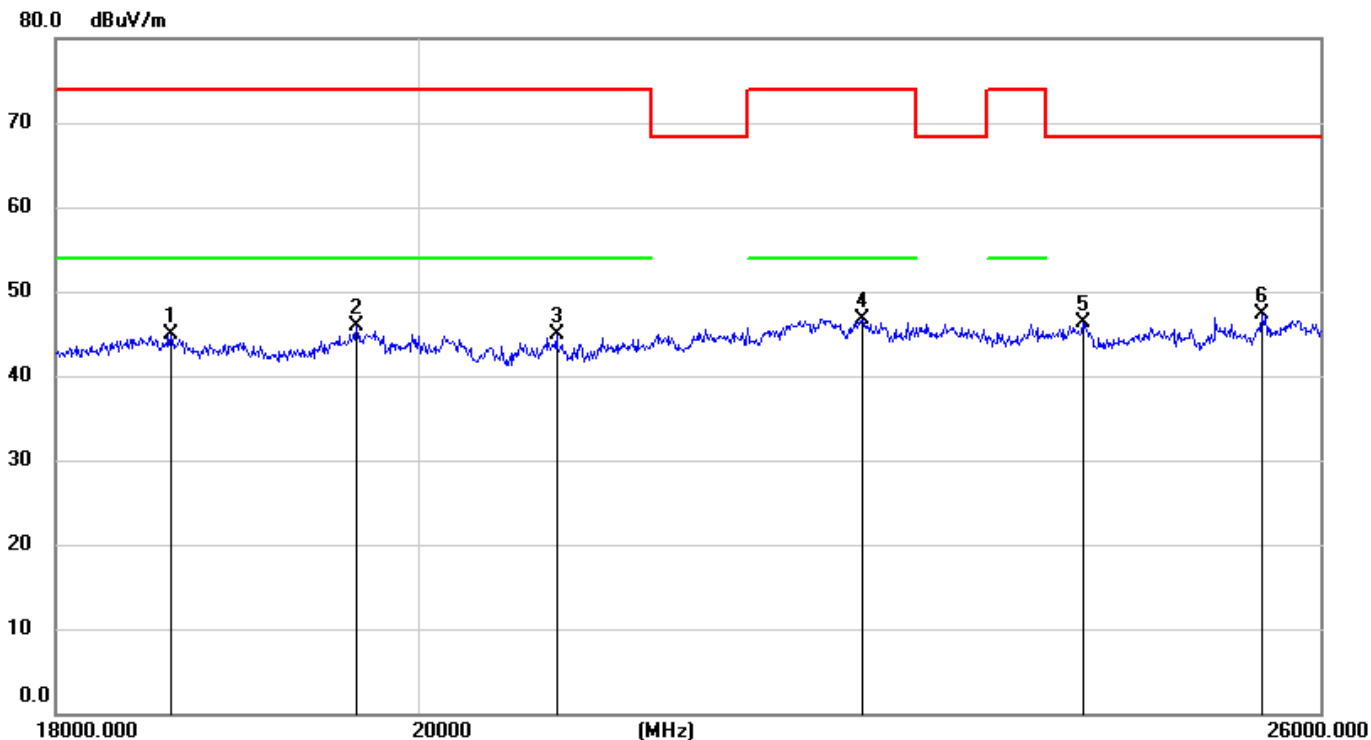


## 7.8. SPURIOUS EMISSIONS 18~26GHz

### 7.8.1. 802.11a MODE

#### MIMO MODE (WORST-CASE CONFIGURATION)

#### SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)

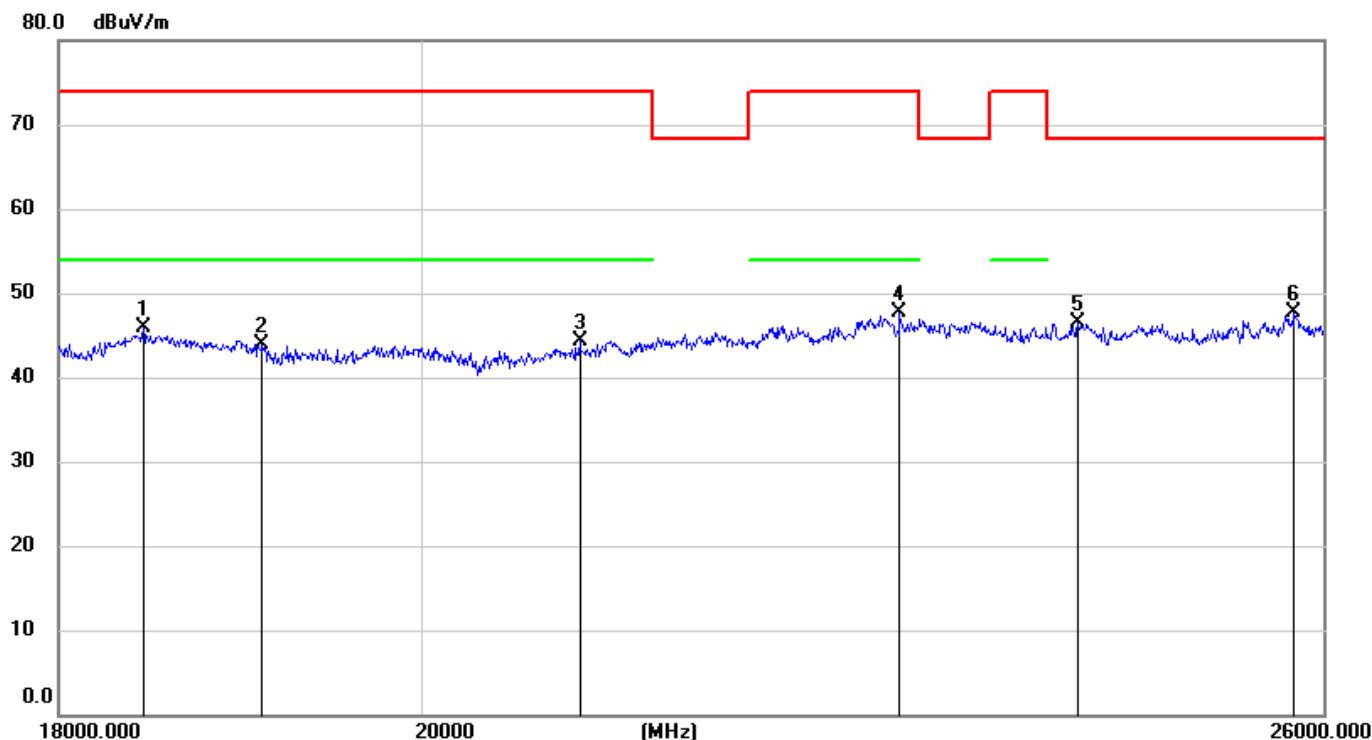


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18612.524	50.24	-5.34	44.90	74.00	-29.10	peak
2	19646.324	51.36	-5.38	45.98	74.00	-28.02	peak
3	20821.597	49.97	-5.04	44.93	74.00	-29.07	peak
4	22759.444	50.36	-3.68	46.68	74.00	-27.32	peak
5	24263.284	49.11	-2.81	46.30	68.20	-21.90	peak
6	25563.900	48.80	-1.48	47.32	68.20	-20.88	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, VERTICAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18448.984	51.27	-5.32	45.95	74.00	-28.05	peak
2	19097.844	49.25	-5.36	43.89	74.00	-30.11	peak
3	20944.464	49.24	-4.93	44.31	74.00	-29.69	peak
4	22986.538	51.12	-3.45	47.67	74.00	-26.33	peak
5	24209.810	49.39	-2.82	46.57	68.20	-21.63	peak
6	25781.028	48.35	-0.66	47.69	68.20	-20.51	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.

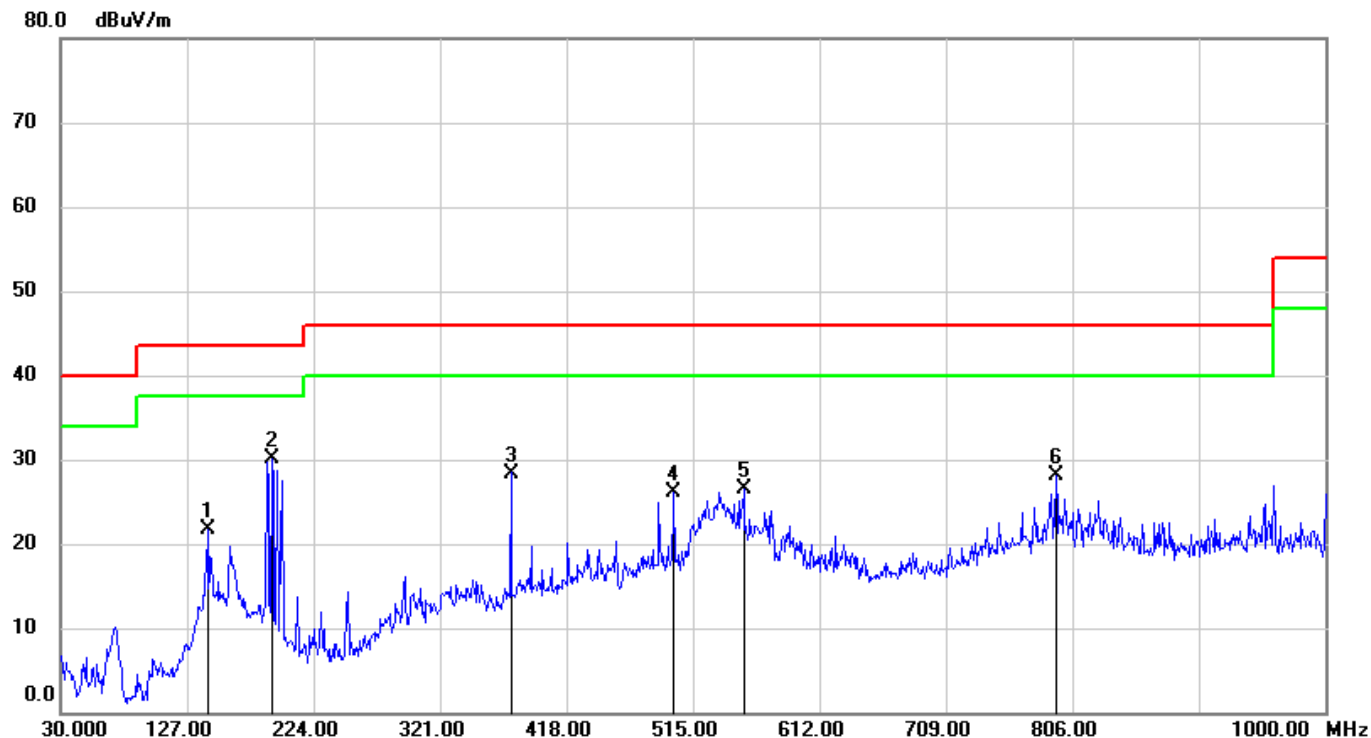


## 7.9. SPURIOUS EMISSIONS 30M ~ 1 GHz

### 7.9.1. 802.11a MODE

#### MIMO MODE (WORST-CASE CONFIGURATION)

##### SPURIOUS EMISSIONS (LOW CHANNEL,HORIZONTAL)

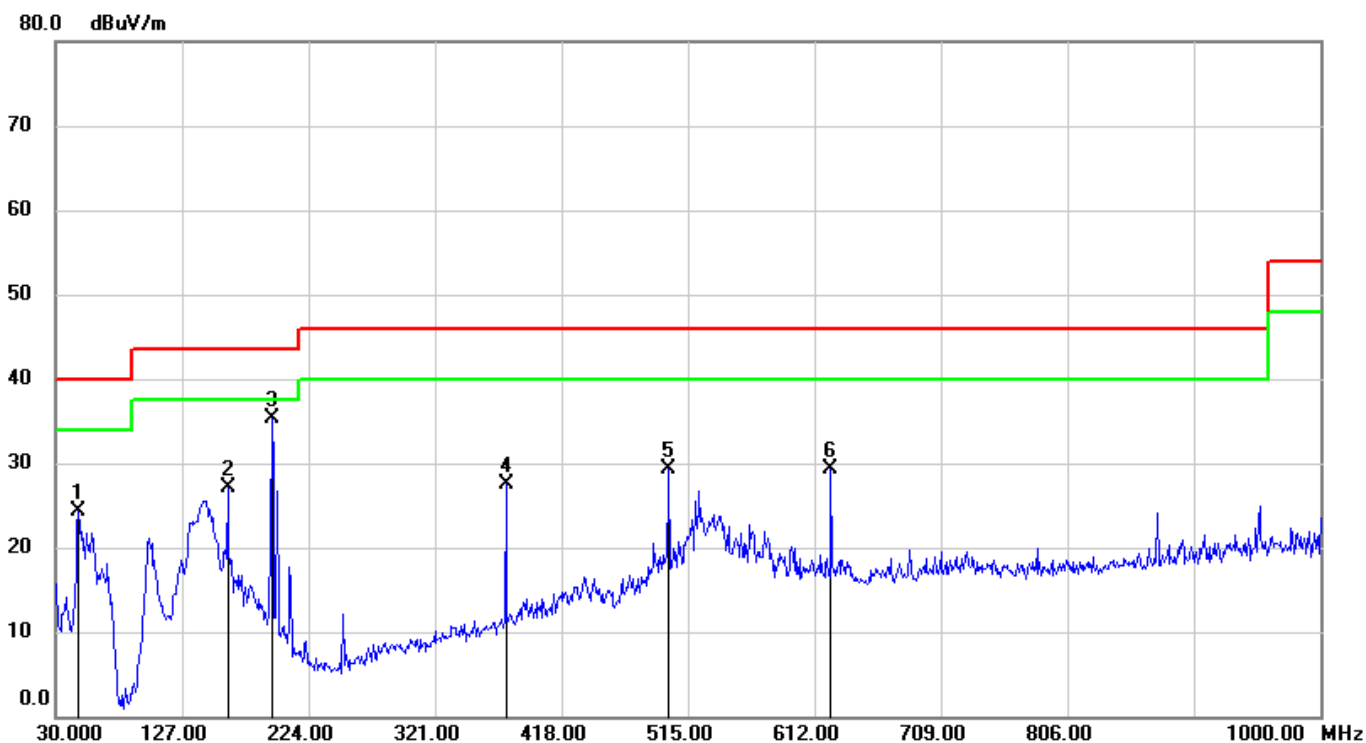


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	143.4900	39.67	-17.97	21.70	43.50	-21.80	peak
2	191.9900	45.08	-14.98	30.10	43.50	-13.40	peak
3	375.3200	41.45	-13.05	28.40	46.00	-17.60	peak
4	500.4500	37.31	-11.11	26.20	46.00	-19.80	peak
5	553.8000	36.47	-10.05	26.42	46.00	-19.58	peak
6	793.3900	35.14	-7.11	28.03	46.00	-17.97	peak

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, VERTICAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	47.4600	44.67	-20.40	24.27	40.00	-15.73	peak
2	161.9200	43.43	-16.40	27.03	43.50	-16.47	peak
3	195.8700	50.21	-14.94	35.27	43.50	-8.23	peak
4	375.3200	40.48	-13.05	27.43	46.00	-18.57	peak
5	500.4500	40.49	-11.11	29.38	46.00	-16.62	peak
6	624.6100	38.07	-8.80	29.27	46.00	-16.73	peak

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: 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.



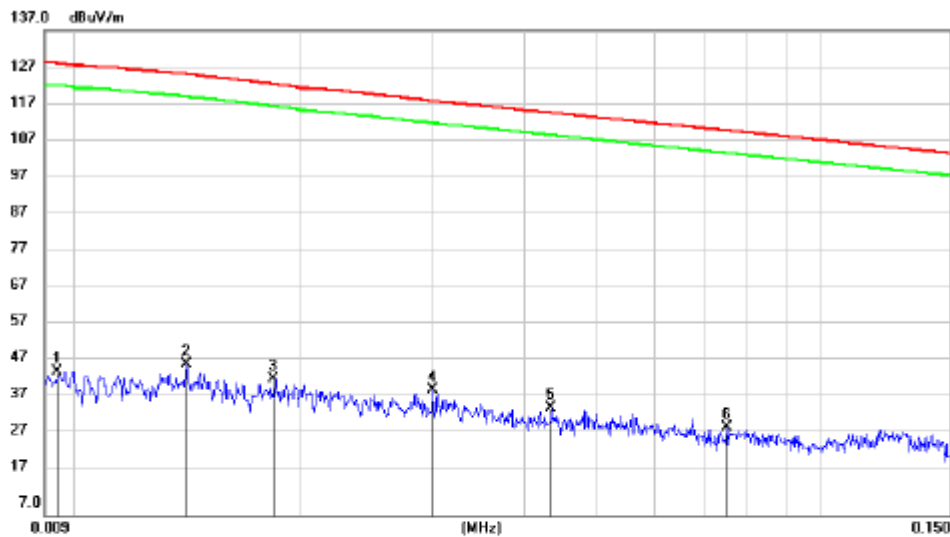
## 7.10. SPURIOUS EMISSIONS BELOW 30M

### 7.10.1. 802.11a MODE

#### MIMO MODE (WORST-CASE CONFIGURATION)

#### SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

##### 9KHz~ 150KHz

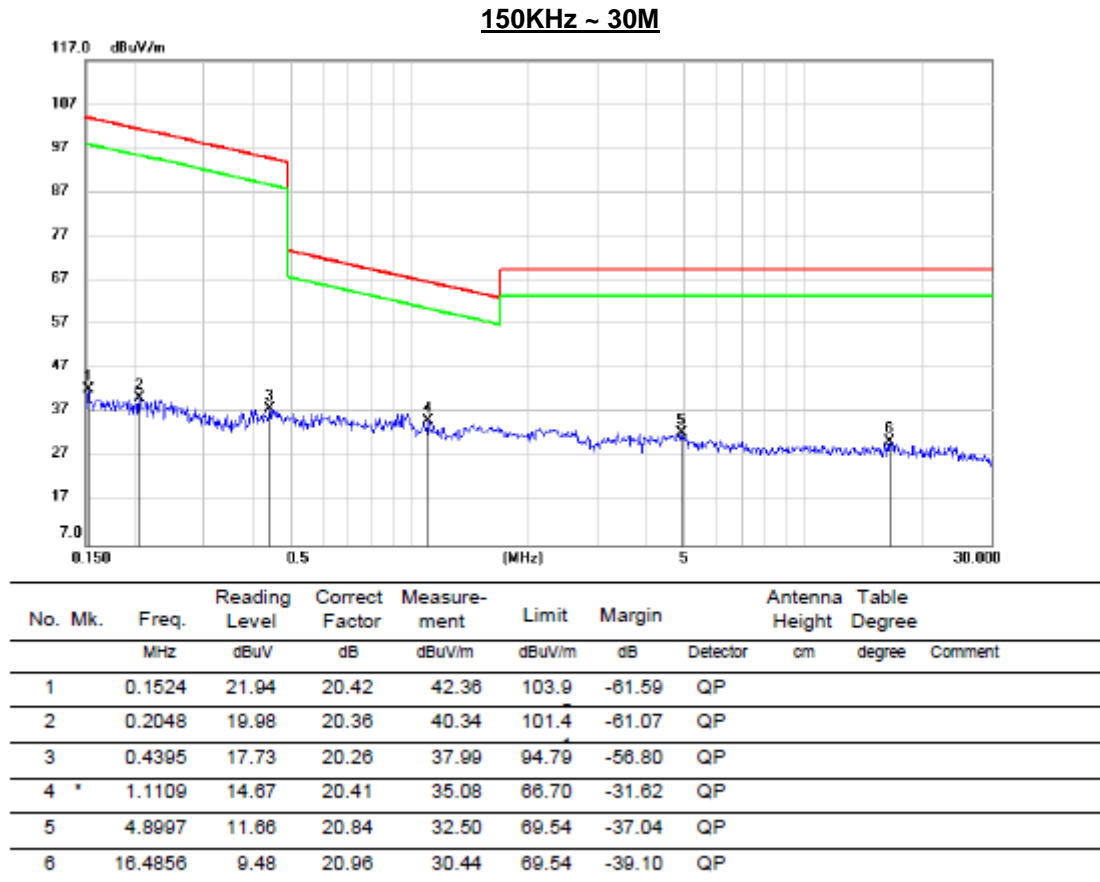


No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Table	Height	Table	Degree
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	0.0094	25.30	20.26	45.56	128.0	-82.50	QP			
2	0.0140	27.28	20.25	47.53	125.1	-77.68	QP			
3	0.0183	23.20	20.29	43.49	122.6	-79.11	QP			
4 *	0.0300	20.23	20.31	40.54	118.0	-77.52	QP			
5	0.0434	15.44	20.31	35.75	114.9	-79.15	QP			
6	0.0751	10.29	20.31	30.60	110.1	-79.51	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.





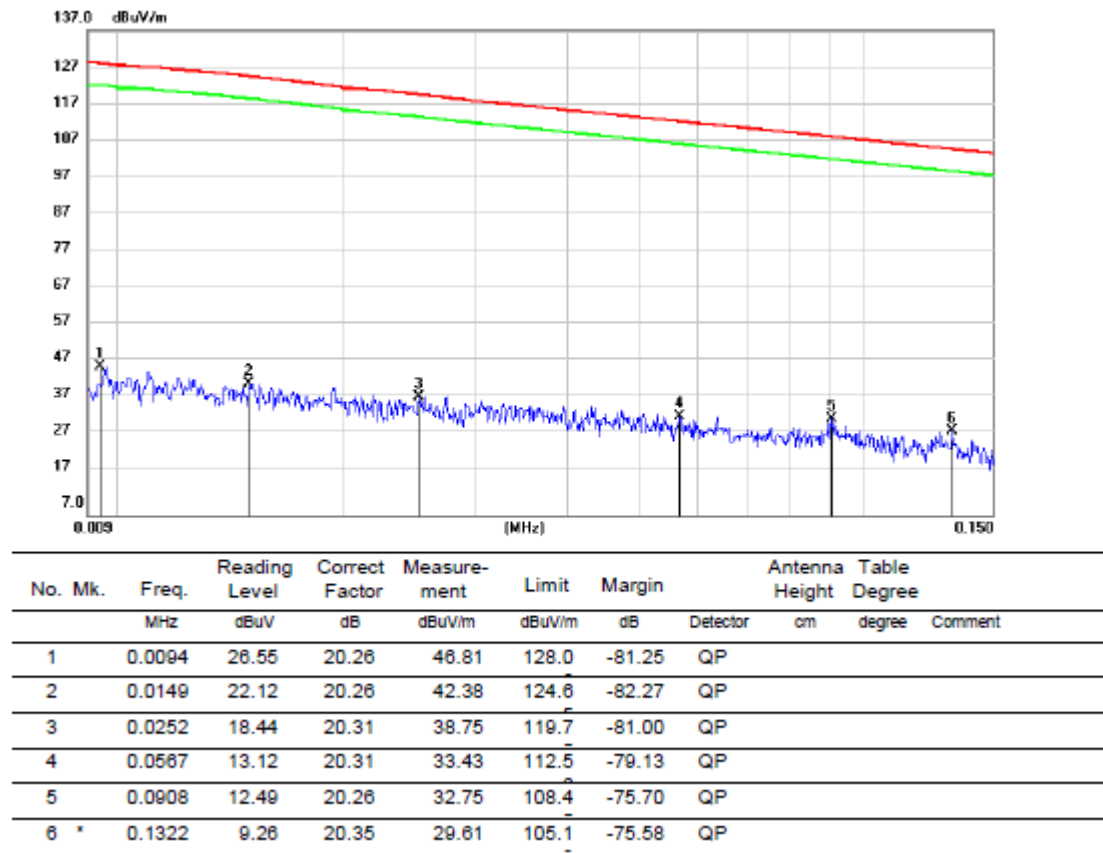
Note: 1. Measurement = Reading Level + Correct Factor.

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



**SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)**

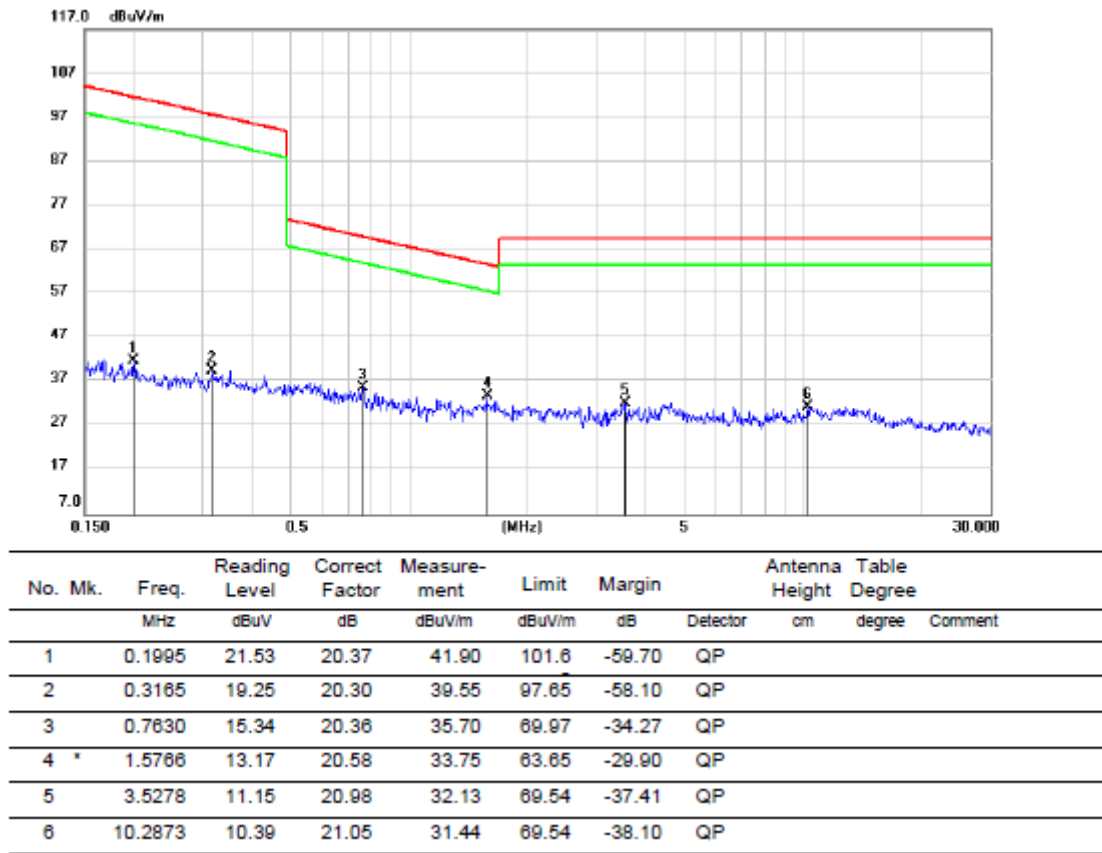
**9KHz~ 150KHz**



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**



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.

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.

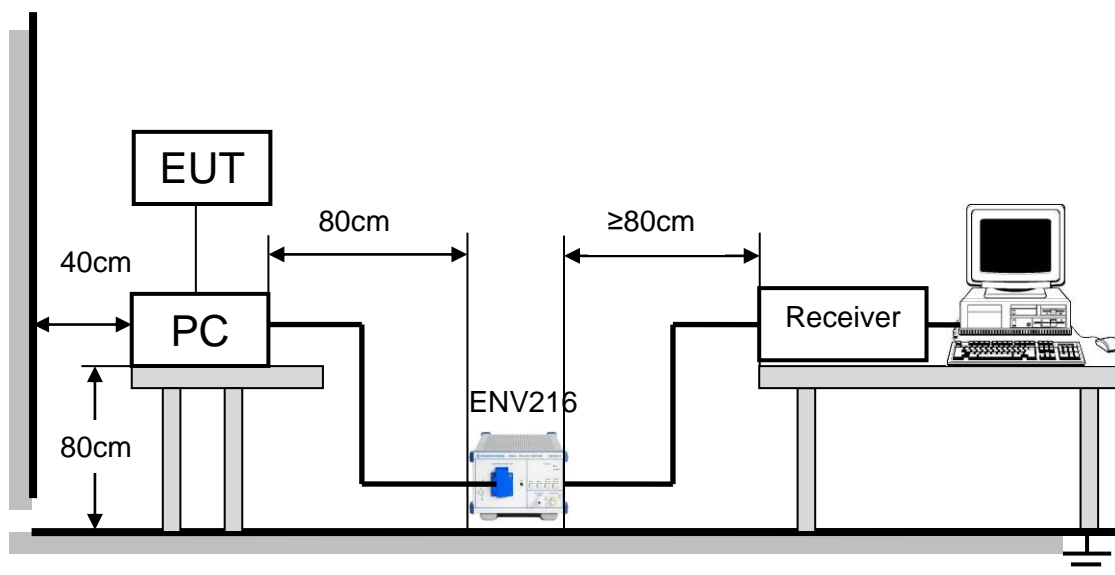
## 8. AC POWER LINE CONDUCTED EMISSIONS

### 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 7 and 13 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.

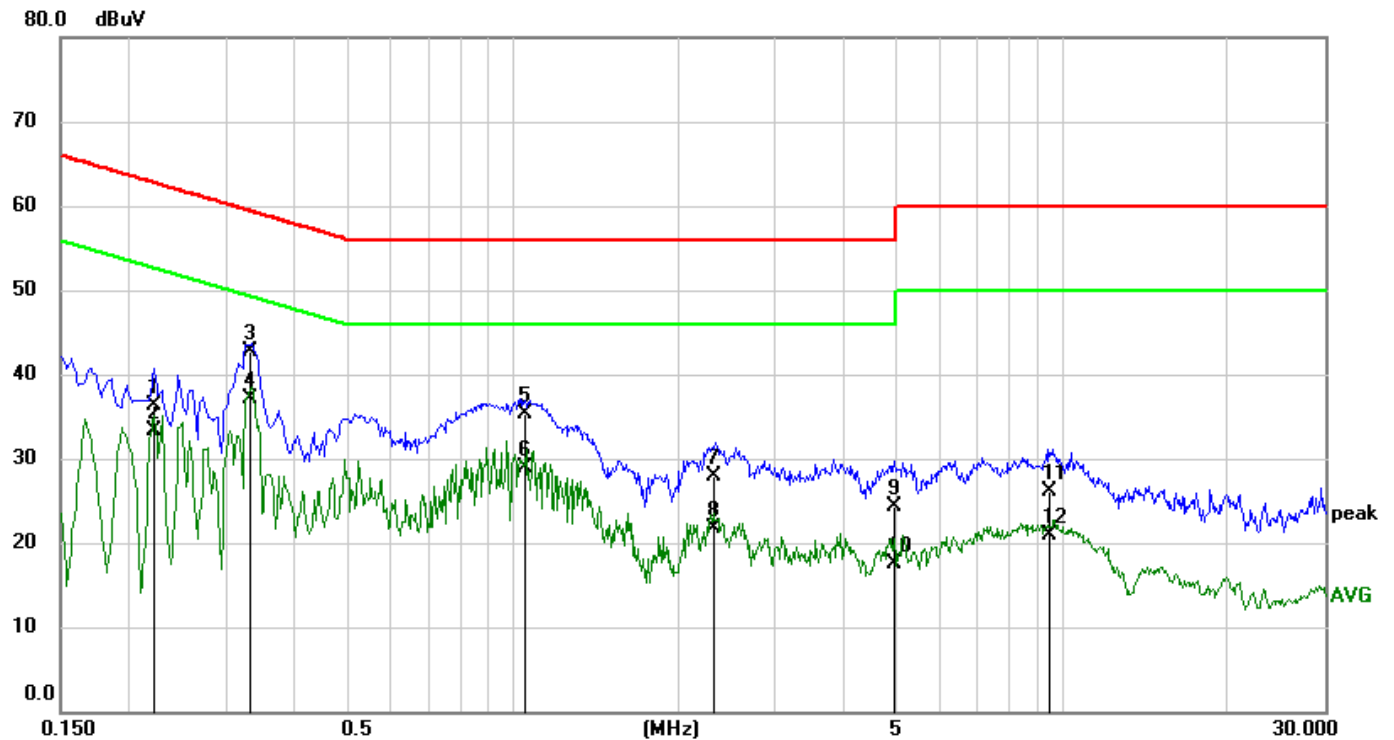
### TEST RESULT



## 802.11n20 MODE

### MIMO MODE (WORST-CASE CONFIGURATION)

#### LINE N RESULTS (LOW CHANNEL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2217	26.68	9.62	36.30	62.75	-26.45	QP
2	0.2217	23.62	9.62	33.24	52.75	-19.51	AVG
3	0.3303	33.10	9.63	42.73	59.44	-16.71	QP
4	0.3303	27.47	9.63	37.10	49.44	-12.34	AVG
5	1.0571	25.76	9.63	35.39	56.00	-20.61	QP
6	1.0571	19.18	9.63	28.81	46.00	-17.19	AVG
7	2.3103	18.33	9.66	27.99	56.00	-28.01	QP
8	2.3103	11.96	9.66	21.62	46.00	-24.38	AVG
9	4.9392	14.62	9.70	24.32	56.00	-31.68	QP
10	4.9392	7.76	9.70	17.46	46.00	-28.54	AVG
11	9.4754	16.00	10.07	26.07	60.00	-33.93	QP
12	9.4754	10.81	10.07	20.88	50.00	-29.12	AVG

Note: 1. Result = Reading +Correct Factor.

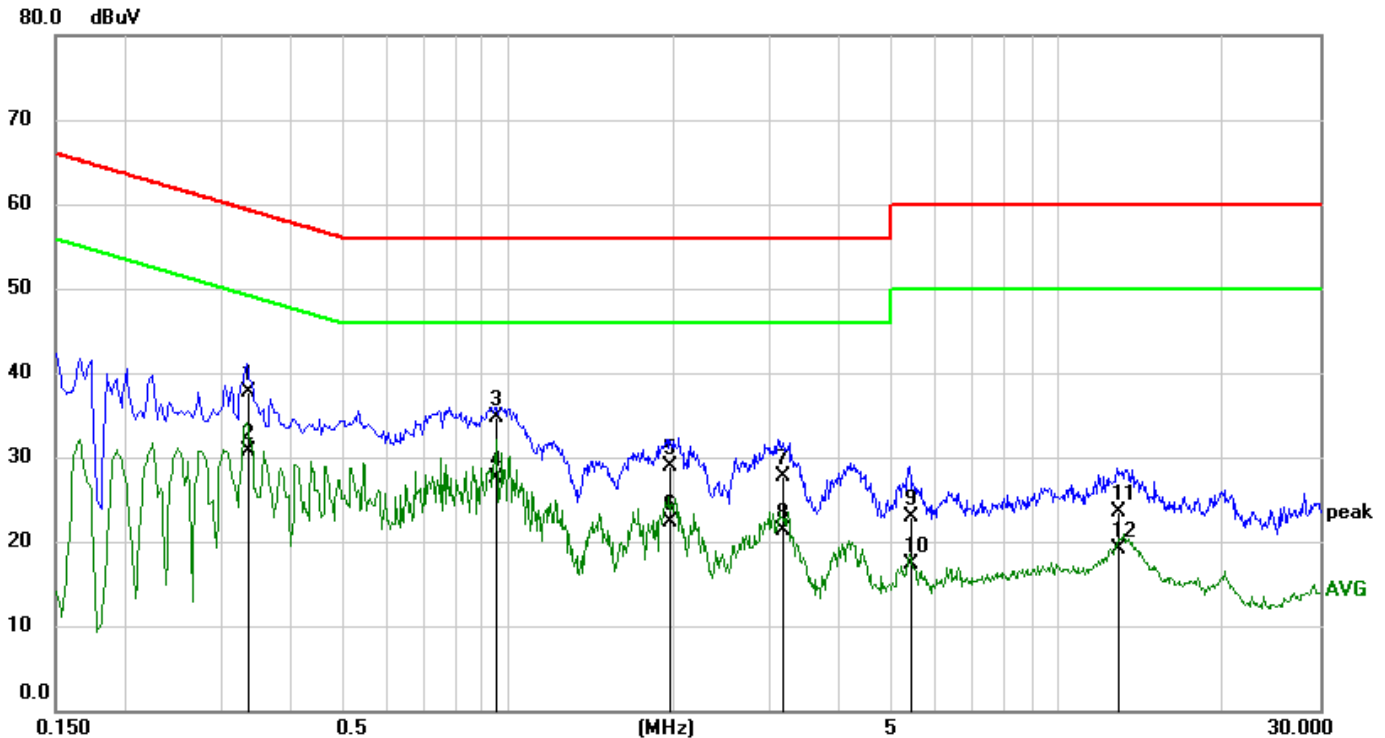
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

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)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3365	28.10	9.63	37.73	59.29	-21.56	QP
2	0.3365	21.08	9.63	30.71	49.29	-18.58	AVG
3	0.9554	25.06	9.64	34.70	56.00	-21.30	QP
4	0.9554	17.95	9.64	27.59	46.00	-18.41	AVG
5	1.9733	19.22	9.66	28.88	56.00	-27.12	QP
6	1.9733	12.55	9.66	22.21	46.00	-23.79	AVG
7	3.1786	17.94	9.68	27.62	56.00	-28.38	QP
8	3.1786	11.61	9.68	21.29	46.00	-24.71	AVG
9	5.4207	13.12	9.73	22.85	60.00	-37.15	QP
10	5.4207	7.51	9.73	17.24	50.00	-32.76	AVG
11	12.9268	13.49	9.93	23.42	60.00	-36.58	QP
12	12.9268	9.08	9.93	19.01	50.00	-30.99	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.

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## 9. FREQUENCY STABILITY

### LIMITS

The frequency of the carrier signal shall be maintained within band of operation

### TEST SETUP AND PROCEDURE

Connect the UUT to the spectrum analyser and use the following settings:

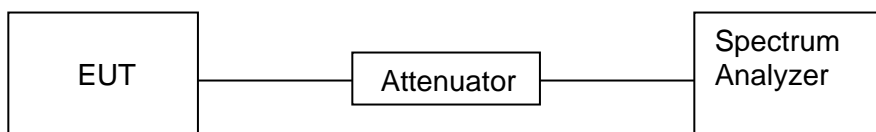
Center Frequency	The center frequency of the channel under test
Detector	PEAK
RBW	10KHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

Allow the trace to stabilize, find the peak value of the power envelope and record the frequency, then calculated the frequency drift.

The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

User manual temperature is 0°C~40°C.

### TEST SETUP





### TEST RESULTS (WORST-CASE CONFIGURATION)

#### Frequency Error vs. Voltage:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11a	Ant 2	5200	TN	VL	5200.02	3.85	PASS
			TN	VN	5200.04	7.69	PASS
			TN	VH	5200.03	5.77	PASS
11a	Ant 2	5785	TN	VL	5785.04	6.91	PASS
			TN	VN	5785.03	5.19	PASS
			TN	VH	5785.02	3.46	PASS

#### Frequency Error vs. Temperature:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11a	Ant 2	5200	40	VN	5200.05	9.62	PASS
			30	VN	5200.04	7.69	PASS
			20	VN	5200.02	3.85	PASS
			10	VN	5200.05	9.62	PASS
			0	VN	5200.03	5.77	PASS
11a	Ant 2	5785	40	VN	5785.05	8.64	PASS
			30	VN	5785.02	3.46	PASS
			20	VN	5785.04	6.91	PASS
			10	VN	5785.03	5.19	PASS
			0	VN	5785.03	5.19	PASS

Note 1: All the modulation and channels had been tested, but only the worst data recorded in the report.





## 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**