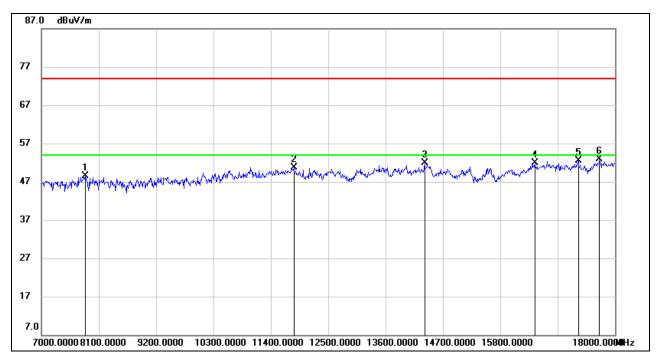
## HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7847.000	39.19	9.41	48.60	74.00	-25.40	peak
2	11840.000	36.28	14.45	50.73	74.00	-23.27	peak
3	14348.000	35.06	16.88	51.94	74.00	-22.06	peak
4	16460.000	32.28	19.65	51.93	74.00	-22.07	peak
5	17296.000	30.37	22.16	52.53	74.00	-21.47	peak
6	17703.000	30.25	22.62	52.87	74.00	-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.

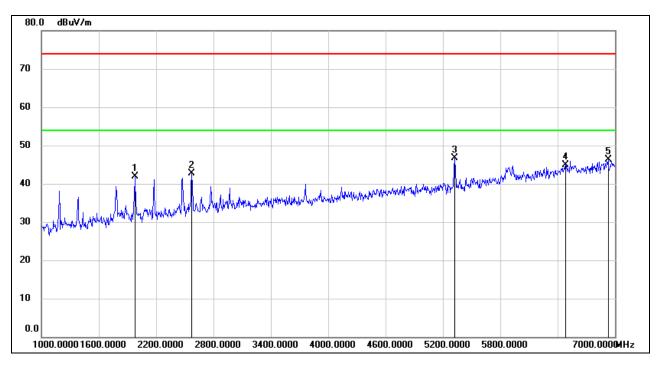
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1978.000	52.82	-10.85	41.97	74.00	-32.03	peak
2	2572.000	51.25	-8.48	42.77	74.00	-31.23	peak
3	5320.000	45.69	0.98	46.67	/	/	fundamental
4	6484.000	39.20	5.67	44.87	74.00	-29.13	peak
5	6928.000	40.00	6.32	46.32	74.00	-27.68	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.

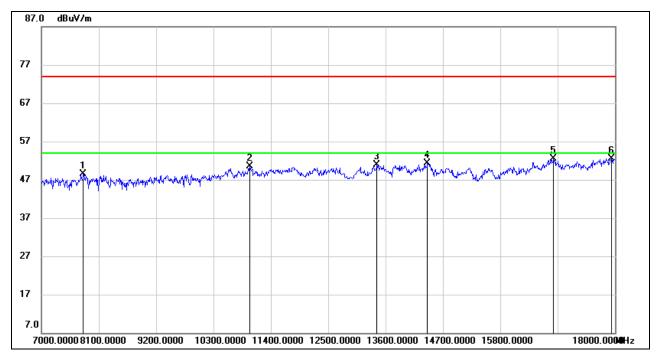
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	38.97	9.63	48.60	74.00	-25.40	peak
2	10993.000	36.89	13.59	50.48	74.00	-23.52	peak
3	13435.000	34.46	16.37	50.83	74.00	-23.17	peak
4	14403.000	34.20	17.01	51.21	74.00	-22.79	peak
5	16823.000	31.88	20.53	52.41	74.00	-21.59	peak
6	17934.000	29.18	23.42	52.60	74.00	-21.40	peak

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

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

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

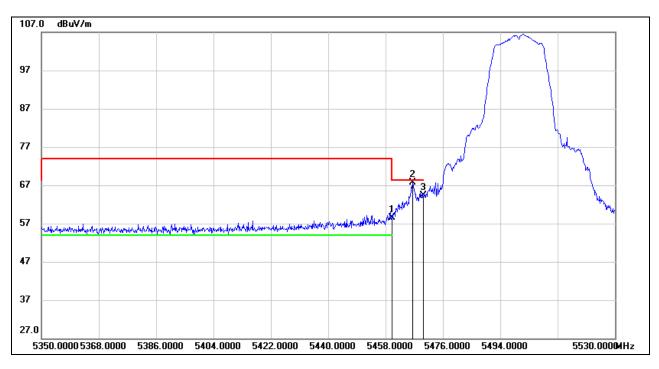
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



### 8.1.3. UNII-2C BAND

#### **RESTRICTED BANDEDGE LOW CHANNEL**



#### HORIZONTAL RESULTS PEAK

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5460.000	17.31	41.28	58.59	68.20	-9.61	peak
2	5466.460	26.24	41.37	67.61	68.20	-0.59	peak
3	5470.000	22.82	41.41	64.23	68.20	-3.97	peak

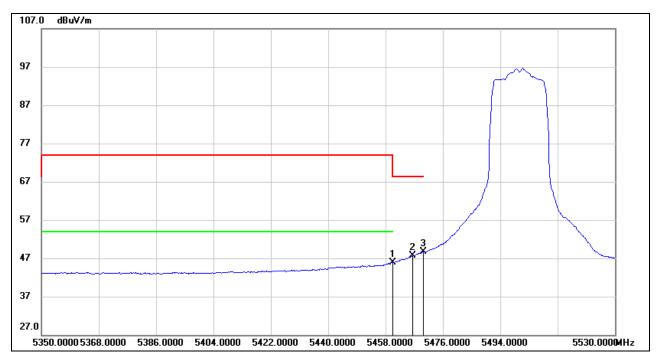
Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit. 3. Peak: Peak detector.

4.\*indicates frequency out of the restricted bands



<u>AVG</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5460.000	4.67	41.28	45.95	54.00	-8.05	AVG
2	5466.460	6.24	41.37	47.61	68.20	-20.59	AVG
3	5470.000	7.26	41.41	48.67	68.20	-19.53	AVG

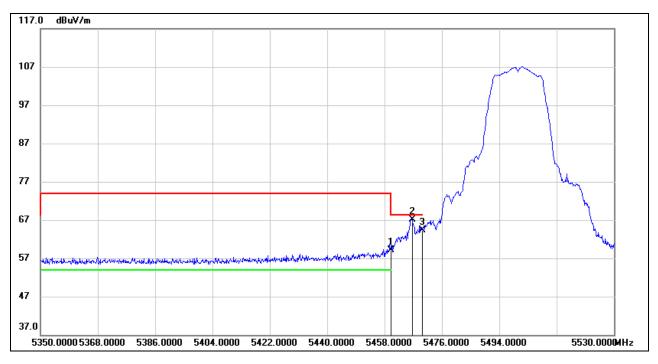
Note: 1. Measurement = Reading Level + Correct Factor.

2. AVG: VBW=1/Ton where: ton is transmit duration.

3. For duty cycle, please refer to clause 7.1.



## VERTICAL RESULTS PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5460.000	17.82	41.28	59.10	68.20	-9.10	peak
2	5466.640	25.71	41.37	67.08	68.20	-1.12	peak
3	5470.000	22.85	41.41	64.26	68.20	-3.94	peak

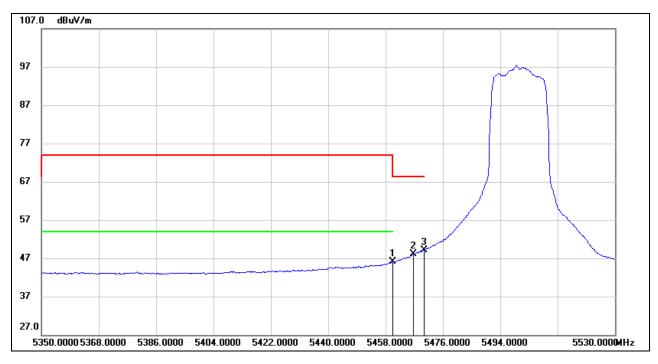
Note: 1. Measurement = Reading Level + Correct Factor.

If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
Peak: Peak detector.

4.\*indicates frequency out of the restricted bands



<u>AVG</u>



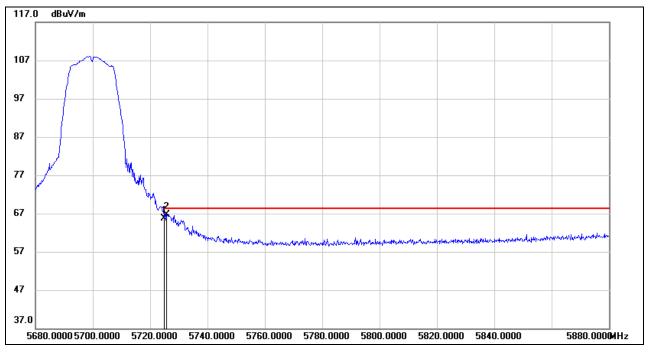
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5460.000	4.76	41.28	46.04	54.00	-7.96	AVG
2	5466.640	6.67	41.37	48.04	68.20	-20.16	AVG
3	5470.000	7.68	41.41	49.09	68.20	-19.11	AVG

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

2. AVG: VBW=1/Ton where: ton is transmit duration.

3. For duty cycle, please refer to clause 7.1.

# **RESTRICTED BANDEDGE HIGH CHANNEL**



HORIZONTAL RESULTS
PEAK

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5725.000	24.18	41.61	65.79	68.20	-2.41	peak
2	5725.800	25.08	41.61	66.69	68.20	-1.51	peak

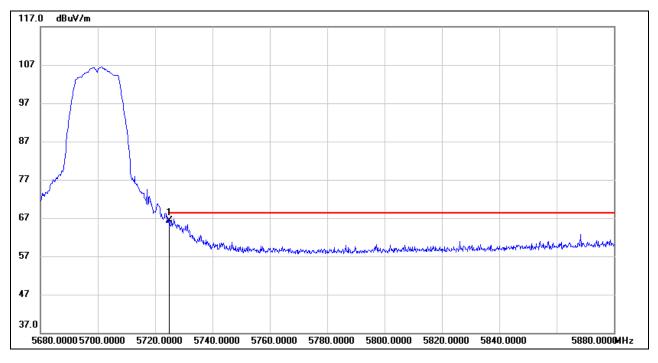
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.



#### VERTICAL RESULTS PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5725.000	24.69	41.61	66.30	68.20	-1.90	peak

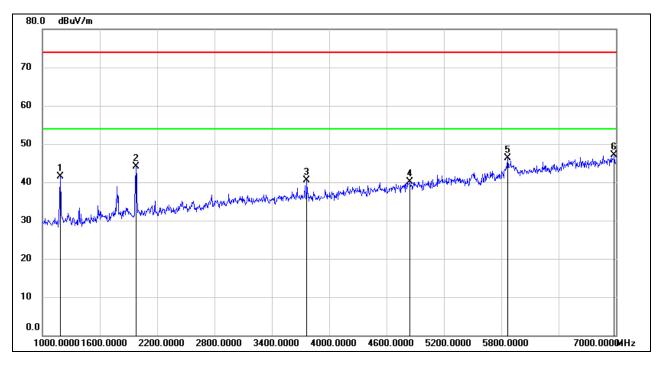
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.



#### HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL



#### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	55.24	-13.64	41.60	74.00	-32.40	peak
2	1978.000	55.05	-10.85	44.20	74.00	-29.80	peak
3	3766.000	44.66	-4.16	40.50	74.00	-33.50	peak
4	4846.000	41.06	-0.89	40.17	74.00	-33.83	peak
5	5866.000	42.08	4.20	46.28	74.00	-27.72	peak
6	6982.000	40.73	6.40	47.13	74.00	-26.87	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.

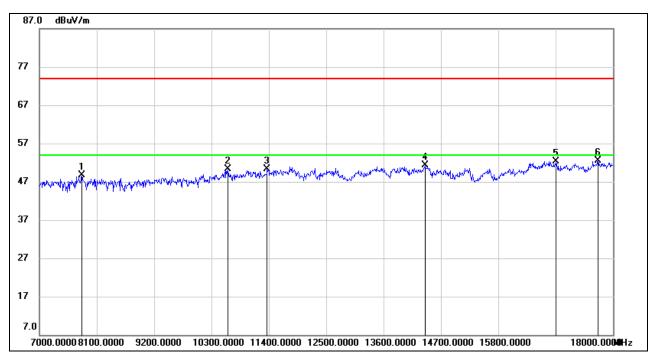
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands





No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7814.000	39.20	9.58	48.78	74.00	-25.22	peak
2	10619.000	36.97	13.27	50.24	74.00	-23.76	peak
3	11367.000	36.71	13.64	50.35	74.00	-23.65	peak
4	14392.000	34.38	16.99	51.37	74.00	-22.63	peak
5	16911.000	31.82	20.56	52.38	74.00	-21.62	peak
6	17714.000	29.89	22.71	52.60	74.00	-21.40	peak

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

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

3. Peak: Peak detector.

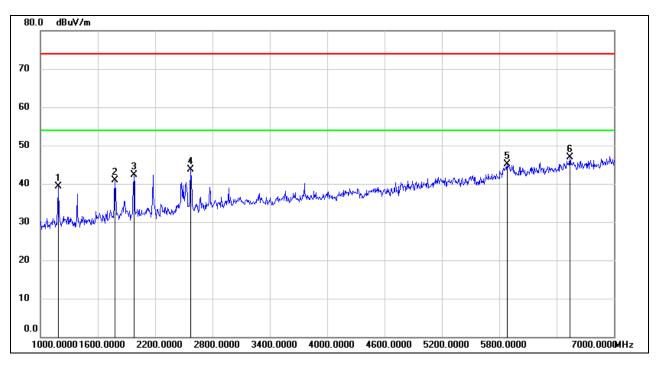
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	52.93	-13.64	39.29	74.00	-34.71	peak
2	1780.000	52.08	-11.14	40.94	74.00	-33.06	peak
3	1978.000	53.20	-10.85	42.35	74.00	-31.65	peak
4	2572.000	52.13	-8.48	43.65	74.00	-30.35	peak
5	5884.000	40.60	4.55	45.15	74.00	-28.85	peak
6	6538.000	41.22	5.75	46.97	74.00	-27.03	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.

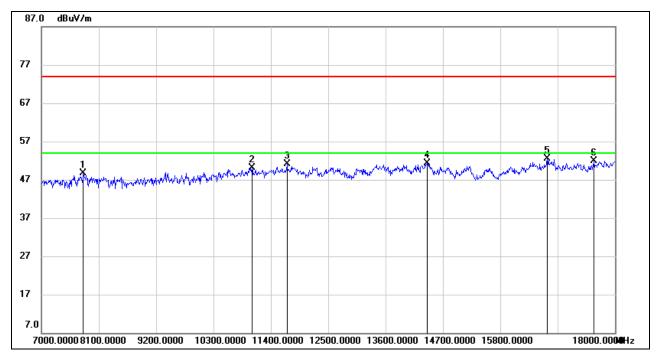
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	39.10	9.63	48.73	74.00	-25.27	peak
2	11037.000	36.51	13.66	50.17	74.00	-23.83	peak
3	11708.000	37.03	14.17	51.20	74.00	-22.80	peak
4	14392.000	34.27	16.99	51.26	74.00	-22.74	peak
5	16702.000	32.14	20.35	52.49	74.00	-21.51	peak
6	17593.000	30.00	21.99	51.99	74.00	-22.01	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.

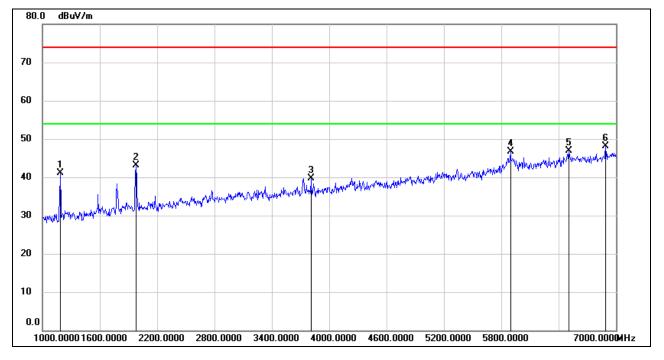
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



### HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL



#### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	54.80	-13.64	41.16	74.00	-32.84	peak
2	1978.000	54.05	-10.85	43.20	74.00	-30.80	peak
3	3808.000	43.95	-4.22	39.73	74.00	-34.27	peak
4	5896.000	41.90	4.79	46.69	74.00	-27.31	peak
5	6508.000	41.04	5.85	46.89	74.00	-27.11	peak
6	6892.000	41.86	6.24	48.10	74.00	-25.90	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.

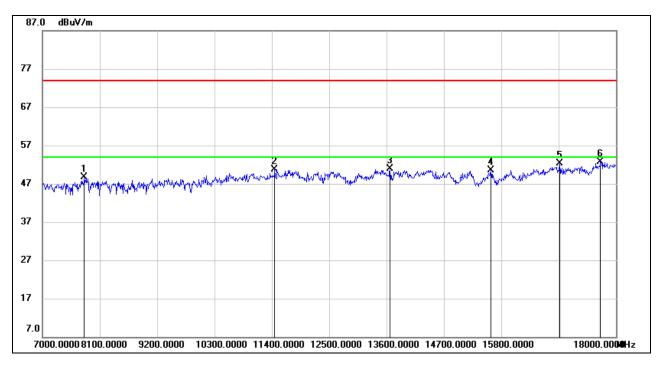
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the

limits list in the standard.

## HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	38.99	9.63	48.62	74.00	-25.38	peak
2	11455.000	36.64	14.15	50.79	74.00	-23.21	peak
3	13666.000	34.38	16.48	50.86	74.00	-23.14	peak
4	15602.000	33.49	17.03	50.52	74.00	-23.48	peak
5	16922.000	31.70	20.63	52.33	74.00	-21.67	peak
6	17703.000	30.16	22.62	52.78	74.00	-21.22	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.

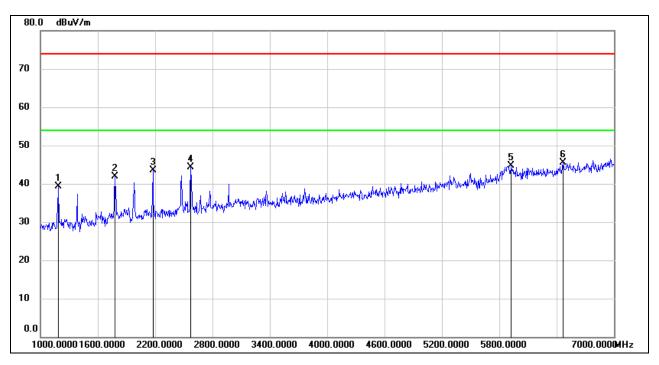
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	52.91	-13.64	39.27	74.00	-34.73	peak
2	1780.000	53.14	-11.14	42.00	74.00	-32.00	peak
3	2176.000	53.40	-9.90	43.50	74.00	-30.50	peak
4	2572.000	52.75	-8.48	44.27	74.00	-29.73	peak
5	5926.000	40.19	4.46	44.65	74.00	-29.35	peak
6	6466.000	40.03	5.43	45.46	74.00	-28.54	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.

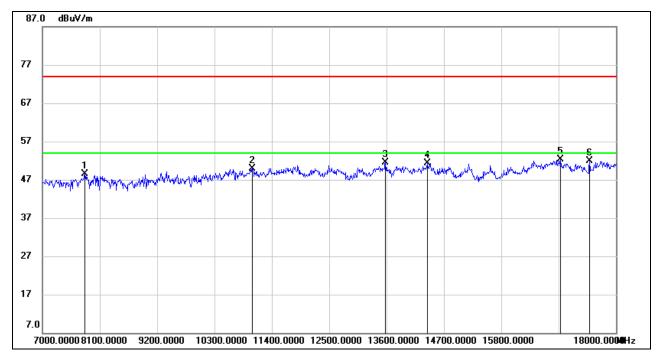
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7814.000	38.87	9.58	48.45	74.00	-25.55	peak
2	11026.000	36.26	13.66	49.92	74.00	-24.08	peak
3	13578.000	35.02	16.42	51.44	74.00	-22.56	peak
4	14381.000	34.33	16.97	51.30	74.00	-22.70	peak
5	16933.000	31.63	20.69	52.32	74.00	-21.68	peak
6	17494.000	30.20	21.64	51.84	74.00	-22.16	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.

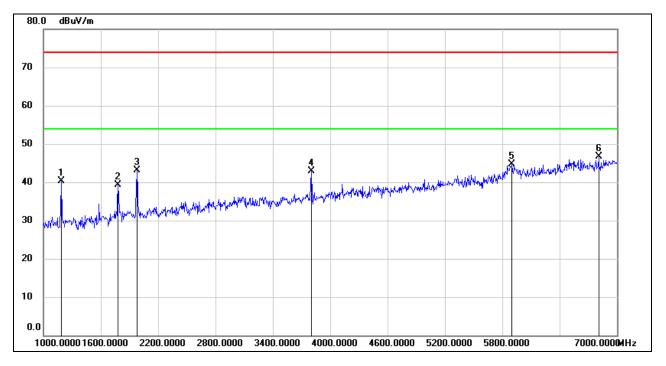
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL



#### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	53.95	-13.64	40.31	74.00	-33.69	peak
2	1780.000	50.42	-11.14	39.28	74.00	-34.72	peak
3	1978.000	53.99	-10.85	43.14	74.00	-30.86	peak
4	3802.000	47.13	-4.22	42.91	74.00	-31.09	peak
5	5902.000	39.86	4.83	44.69	74.00	-29.31	peak
6	6808.000	41.14	5.66	46.80	74.00	-27.20	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.

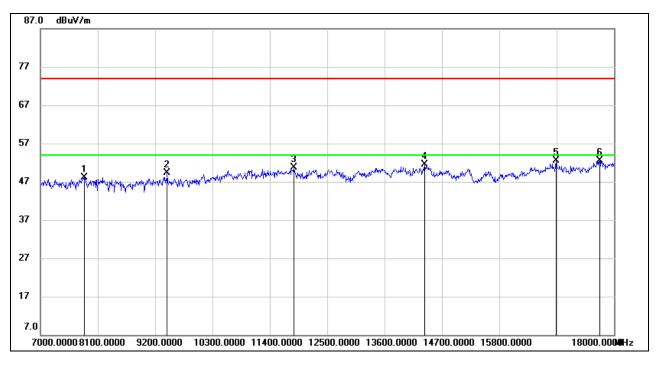
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

## HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7836.000	38.66	9.46	48.12	74.00	-25.88	peak
2	9431.000	38.37	10.90	49.27	74.00	-24.73	peak
3	11862.000	36.16	14.47	50.63	74.00	-23.37	peak
4	14370.000	34.60	16.94	51.54	74.00	-22.46	peak
5	16889.000	31.91	20.50	52.41	74.00	-21.59	peak
6	17725.000	29.76	22.80	52.56	74.00	-21.44	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.

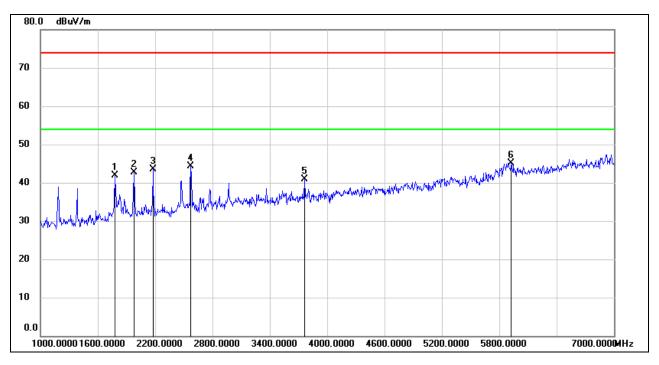
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

# (UL)

#### VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1780.000	53.07	-11.14	41.93	74.00	-32.07	peak
2	1978.000	53.53	-10.85	42.68	74.00	-31.32	peak
3	2176.000	53.38	-9.90	43.48	74.00	-30.52	peak
4	2572.000	52.70	-8.48	44.22	74.00	-29.78	peak
5	3760.000	45.01	-4.15	40.86	74.00	-33.14	peak
6	5926.000	40.70	4.46	45.16	74.00	-28.84	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.

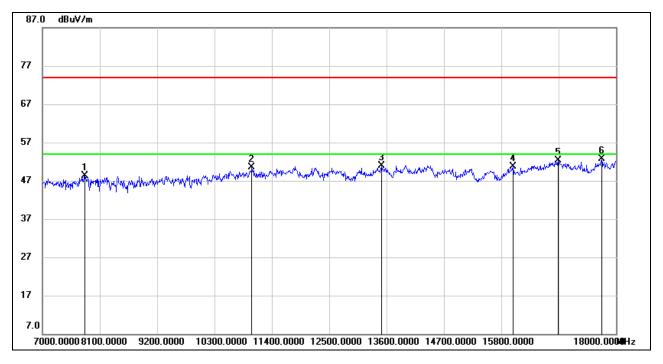
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7814.000	38.82	9.58	48.40	74.00	-25.60	peak
2	11015.000	36.80	13.65	50.45	74.00	-23.55	peak
3	13501.000	34.73	16.22	50.95	74.00	-23.05	peak
4	16031.000	32.90	17.90	50.80	74.00	-23.20	peak
5	16889.000	31.89	20.50	52.39	74.00	-21.61	peak
6	17725.000	29.86	22.80	52.66	74.00	-21.34	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.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

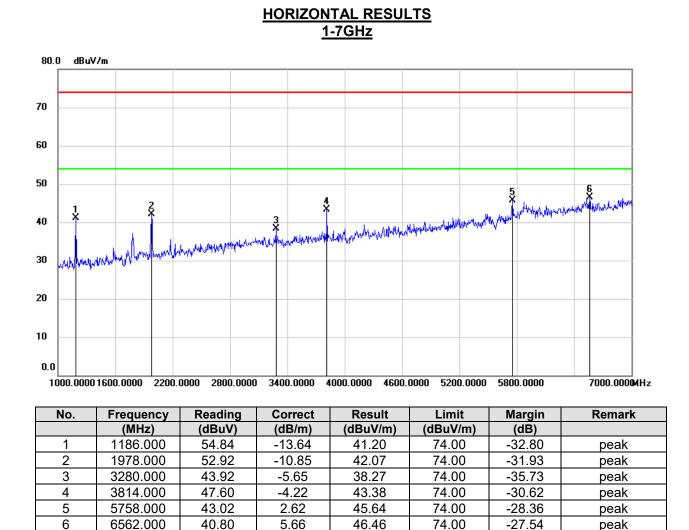
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# 8.1.4. STRADDLE CHANNEL 144





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

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

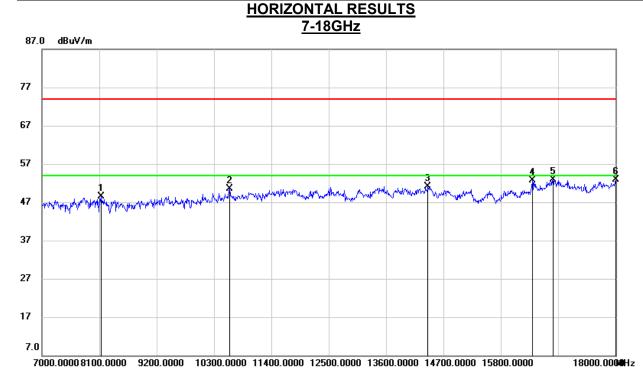
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

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No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8133.000	38.70	9.86	48.56	74.00	-25.44	peak
2	10597.000	37.03	13.38	50.41	74.00	-23.59	peak
3	14403.000	34.04	17.01	51.05	74.00	-22.95	peak
4	16405.000	33.24	19.43	52.67	74.00	-21.33	peak
5	16801.000	32.45	20.53	52.98	74.00	-21.02	peak
6	18000.000	29.37	23.48	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.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

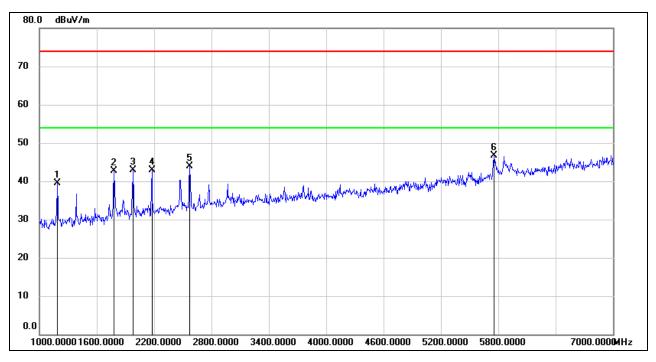
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the

limits list in the standard.



## VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	53.12	-13.64	39.48	74.00	-34.52	peak
2	1780.000	53.84	-11.14	42.70	74.00	-31.30	peak
3	1978.000	53.68	-10.85	42.83	74.00	-31.17	peak
4	2176.000	52.87	-9.90	42.97	74.00	-31.03	peak
5	2572.000	52.39	-8.48	43.91	74.00	-30.09	peak
6	5758.000	44.05	2.62	46.67	74.00	-27.33	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.

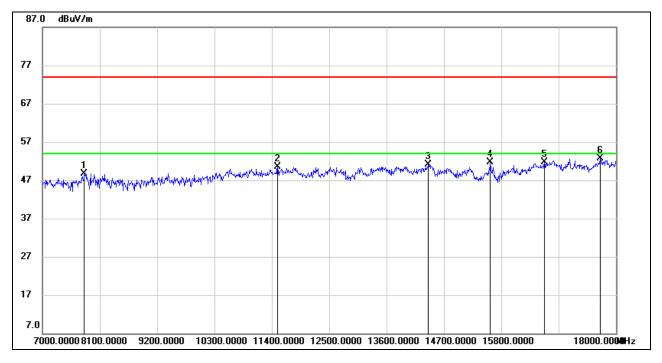
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.



### <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	39.14	9.63	48.77	74.00	-25.23	peak
2	11510.000	36.13	14.47	50.60	74.00	-23.40	peak
3	14403.000	34.04	17.01	51.05	74.00	-22.95	peak
4	15591.000	34.73	16.99	51.72	74.00	-22.28	peak
5	16625.000	31.83	19.96	51.79	74.00	-22.21	peak
6	17692.000	30.23	22.54	52.77	74.00	-21.23	peak

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

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

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

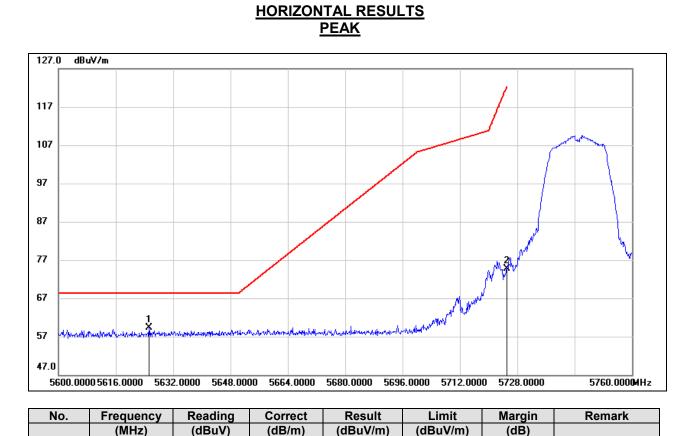


peak

peak

# 8.1.5. UNII-3 BAND

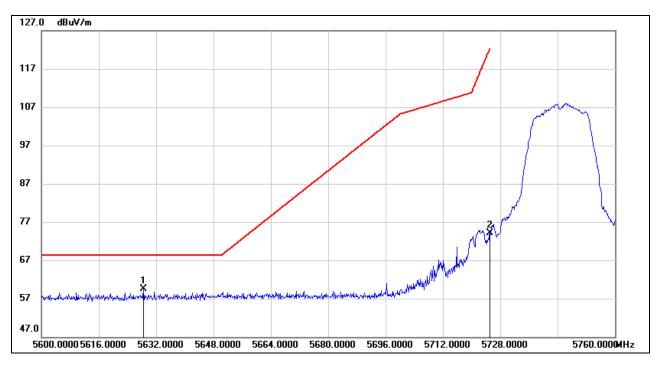
#### **RESTRICTED BANDEDGE LOW CHANNEL**



	(/	1	(**=***)	(		(==)
1	5625.280	17.87	41.47	59.34	68.20	-8.86
2	5725.000	33.17	41.61	74.78	122.20	-47.42

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

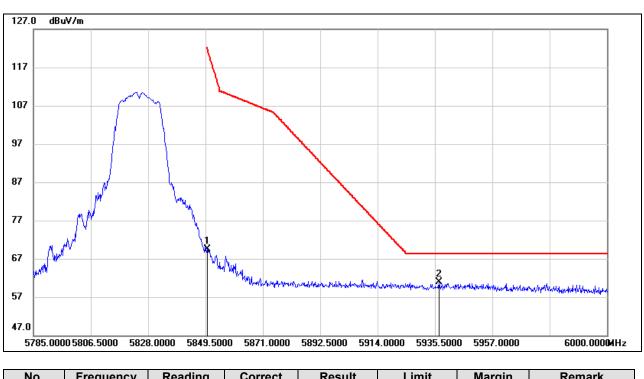
UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch. VERTICAL RESULTS PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5628.480	18.01	41.47	59.48	68.20	-8.72	peak
2	5725.000	32.49	41.61	74.10	122.20	-48.10	peak

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

#### **RESTRICTED BANDEDGE HIGH CHANNEL**

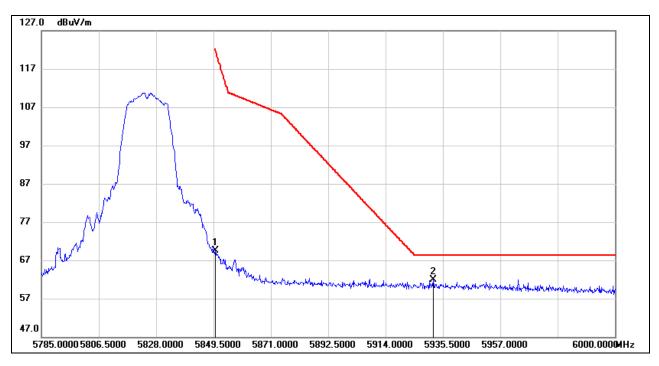


HORIZONTAL RESULTS PEAK

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5850.000	26.59	42.89	69.48	122.20	-52.72	peak
2	5937.005	17.78	43.21	60.99	68.20	-7.21	peak

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

VERTICAL RESULTS PEAK

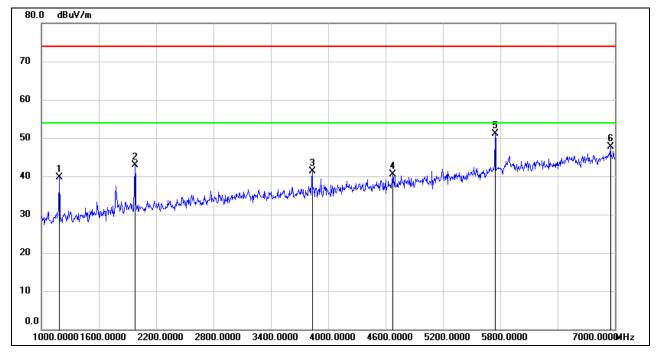


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5850.000	26.52	42.89	69.41	122.20	-52.79	peak
2	5931.845	18.59	43.31	61.90	68.20	-6.30	peak

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



## HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL



#### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	53.38	-13.64	39.74	74.00	-34.26	peak
2	1978.000	53.68	-10.85	42.83	74.00	-31.17	peak
3	3832.000	45.52	-4.21	41.31	74.00	-32.69	peak
4	4678.000	42.09	-1.51	40.58	74.00	-33.42	peak
5	5745.000	48.51	2.54	51.05	/	/	fundamental
6	6952.000	41.39	6.36	47.75	74.00	-26.25	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.

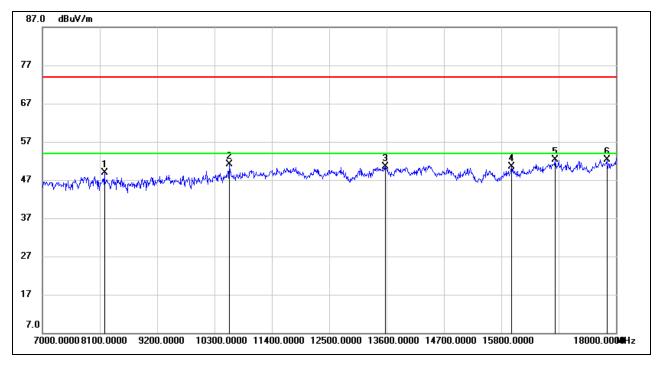
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

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# HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8188.000	38.66	10.23	48.89	74.00	-25.11	peak
2	10586.000	37.83	13.25	51.08	74.00	-22.92	peak
3	13578.000	34.10	16.42	50.52	74.00	-23.48	peak
4	15998.000	32.83	17.72	50.55	74.00	-23.45	peak
5	16834.000	31.83	20.52	52.35	74.00	-21.65	peak
6	17824.000	28.91	23.45	52.36	74.00	-21.64	peak

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

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

3. Peak: Peak detector.

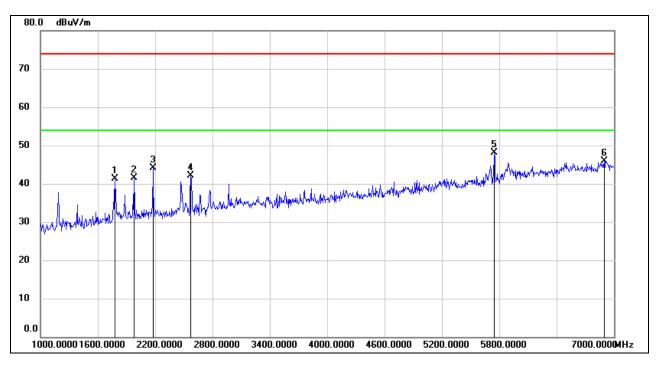
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1780.000	52.44	-11.14	41.30	74.00	-32.70	peak
2	1978.000	52.33	-10.85	41.48	74.00	-32.52	peak
3	2176.000	54.07	-9.90	44.17	74.00	-29.83	peak
4	2572.000	50.67	-8.48	42.19	74.00	-31.81	peak
5	5745.000	45.62	2.54	48.16	/	/	fundamental
6	6898.000	39.68	6.28	45.96	74.00	-28.04	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.

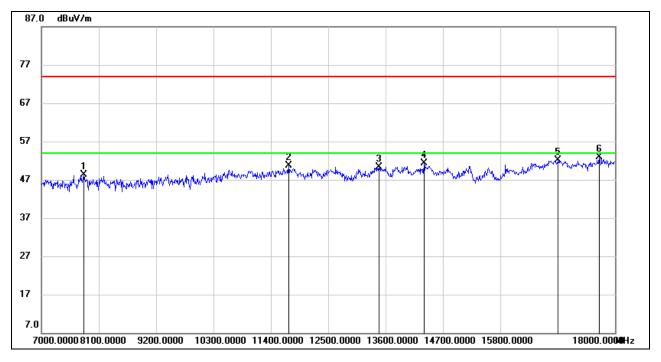
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7814.000	38.69	9.58	48.27	74.00	-25.73	peak
2	11741.000	36.44	14.24	50.68	74.00	-23.32	peak
3	13479.000	34.07	16.26	50.33	74.00	-23.67	peak
4	14337.000	34.37	16.86	51.23	74.00	-22.77	peak
5	16911.000	31.52	20.56	52.08	74.00	-21.92	peak
6	17692.000	30.41	22.54	52.95	74.00	-21.05	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.

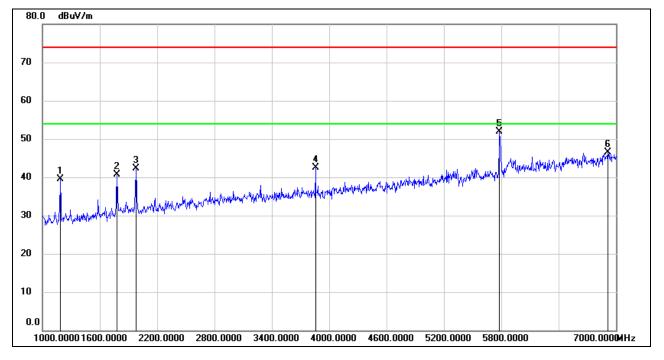
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



### HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL



#### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	53.22	-13.64	39.58	74.00	-34.42	peak
2	1780.000	51.80	-11.14	40.66	74.00	-33.34	peak
3	1978.000	53.15	-10.85	42.30	74.00	-31.70	peak
4	3856.000	46.62	-4.20	42.42	74.00	-31.58	peak
5	5785.000	49.05	2.78	51.83	/	/	fundamental
6	6916.000	40.23	6.31	46.54	74.00	-27.46	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.

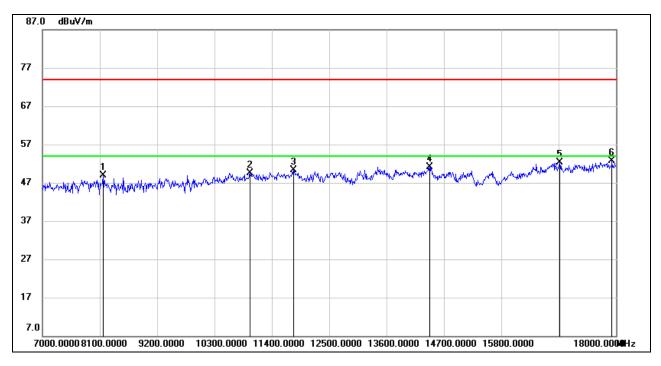
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

## HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8166.000	38.85	10.09	48.94	74.00	-25.06	peak
2	10982.000	36.06	13.51	49.57	74.00	-24.43	peak
3	11818.000	35.95	14.41	50.36	74.00	-23.64	peak
4	14425.000	34.17	16.97	51.14	74.00	-22.86	peak
5	16922.000	31.59	20.63	52.22	74.00	-21.78	peak
6	17923.000	29.25	23.40	52.65	74.00	-21.35	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.

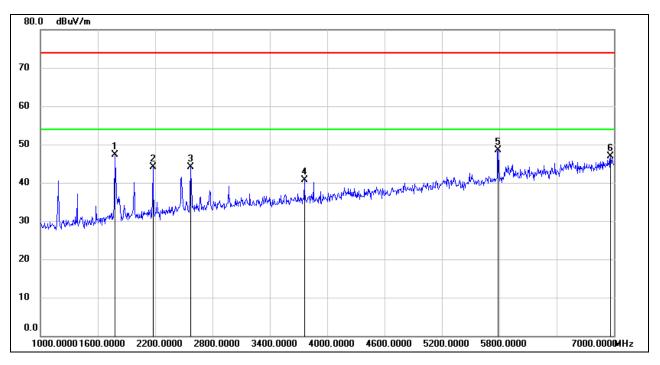
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

# (UL)

## VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1780.000	58.45	-11.14	47.31	74.00	-26.69	peak
2	2176.000	53.95	-9.90	44.05	74.00	-29.95	peak
3	2572.000	52.65	-8.48	44.17	74.00	-29.83	peak
4	3760.000	44.85	-4.15	40.70	74.00	-33.30	peak
5	5785.000	45.64	2.83	48.47	/	/	fundamental
6	6964.000	40.52	6.38	46.90	74.00	-27.10	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.

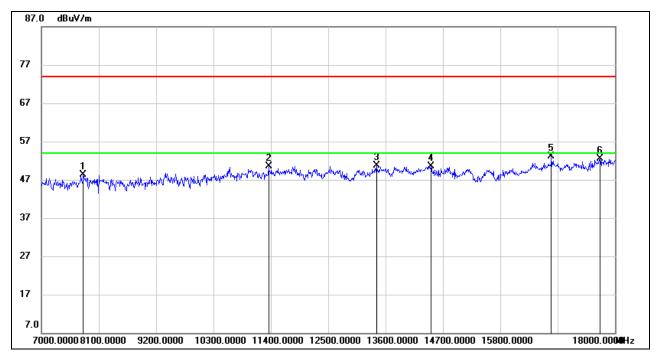
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	38.71	9.63	48.34	74.00	-25.66	peak
2	11356.000	36.90	13.58	50.48	74.00	-23.52	peak
3	13424.000	34.29	16.40	50.69	74.00	-23.31	peak
4	14469.000	33.56	16.90	50.46	74.00	-23.54	peak
5	16779.000	32.57	20.49	53.06	74.00	-20.94	peak
6	17714.000	29.77	22.71	52.48	74.00	-21.52	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.

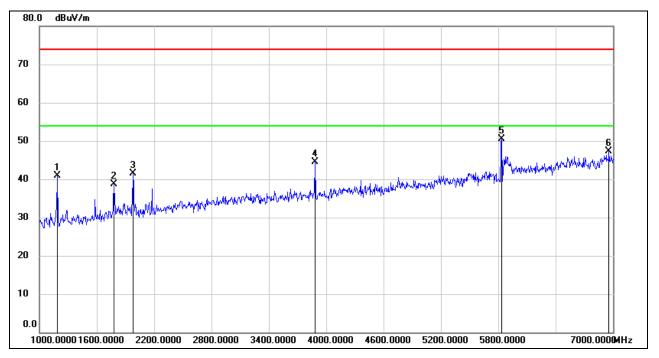
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	54.46	-13.64	40.82	74.00	-33.18	peak
2	1780.000	49.80	-11.14	38.66	74.00	-35.34	peak
3	1978.000	52.27	-10.85	41.42	74.00	-32.58	peak
4	3886.000	48.65	-4.18	44.47	74.00	-29.53	peak
5	5825.000	46.85	3.60	50.45	/	/	fundamental
6	6958.000	40.91	6.36	47.27	74.00	-26.73	peak

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

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

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

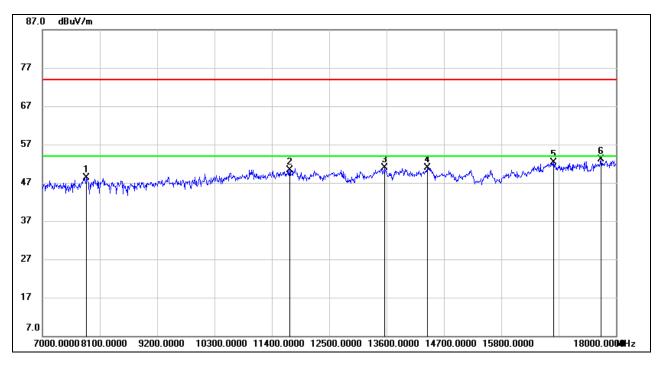
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

#### HORIZONTAL RESULTS <u>1-7GHz</u>

# HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7847.000	38.90	9.41	48.31	74.00	-25.69	peak
2	11741.000	36.10	14.24	50.34	74.00	-23.66	peak
3	13567.000	34.42	16.39	50.81	74.00	-23.19	peak
4	14381.000	33.84	16.97	50.81	74.00	-23.19	peak
5	16801.000	31.86	20.53	52.39	74.00	-21.61	peak
6	17714.000	30.33	22.71	53.04	74.00	-20.96	peak

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

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

3. Peak: Peak detector.

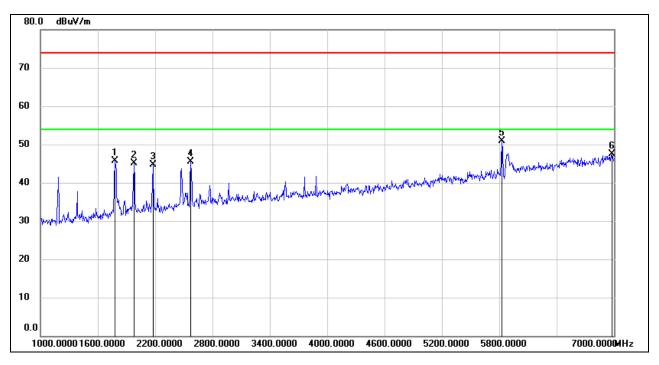
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

# (UL)

# VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1780.000	56.83	-11.14	45.69	74.00	-28.31	peak
2	1978.000	55.93	-10.85	45.08	74.00	-28.92	peak
3	2176.000	54.53	-9.90	44.63	74.00	-29.37	peak
4	2572.000	54.00	-8.48	45.52	74.00	-28.48	peak
5	5825.000	47.45	3.50	50.95	/	/	fundamental
6	6976.000	41.03	6.39	47.42	74.00	-26.58	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.

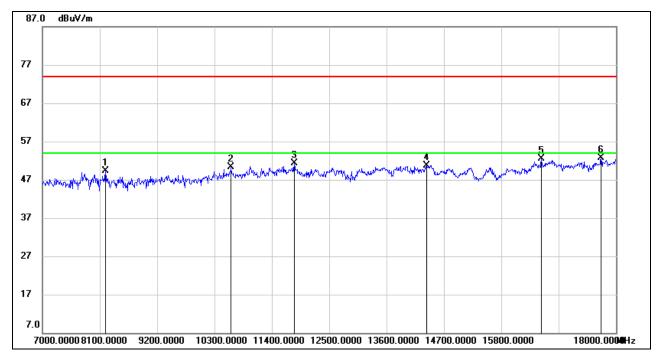
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8210.000	39.04	10.20	49.24	74.00	-24.76	peak
2	10619.000	37.09	13.27	50.36	74.00	-23.64	peak
3	11829.000	36.96	14.42	51.38	74.00	-22.62	peak
4	14370.000	33.80	16.94	50.74	74.00	-23.26	peak
5	16570.000	32.59	19.82	52.41	74.00	-21.59	peak
6	17714.000	30.03	22.71	52.74	74.00	-21.26	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

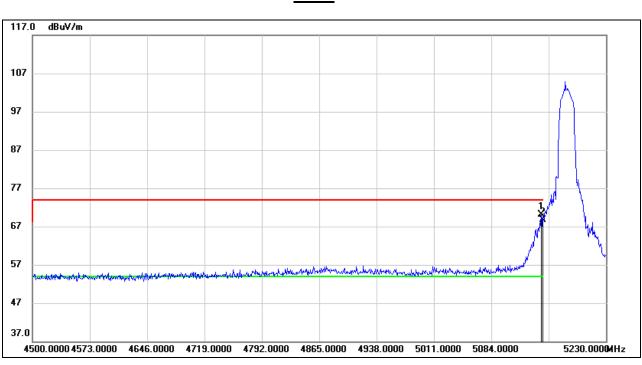
6. Owing to the highest peak level of unwanted emission out of the restricted bands



# 8.2. 802.11n HT20 MODE

#### 8.2.1. UNII-1 BAND

#### **RESTRICTED BANDEDGE LOW CHANNEL**



#### HORIZONTAL RESULTS PEAK

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5147.510	29.61	40.45	70.06	74.00	-3.94	peak
2	5150.000	28.28	40.46	68.74	74.00	-5.26	peak

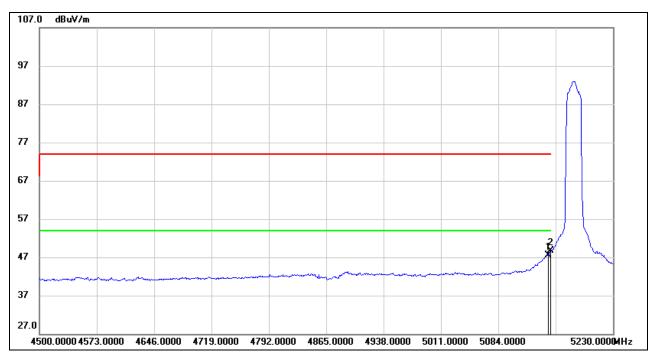
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.



<u>AVG</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5147.510	7.13	40.45	47.58	54.00	-6.42	AVG
2	5150.000	8.26	40.46	48.72	54.00	-5.28	AVG

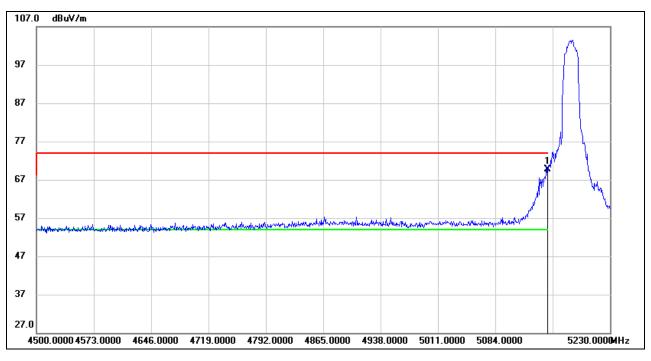
Note: 1. Measurement = Reading Level + Correct Factor.

2. AVG: VBW=1/Ton where: ton is transmit duration.

3. For duty cycle, please refer to clause 7.1.



# VERTICAL RESULTS PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5150.000	29.23	40.46	69.69	74.00	-4.31	peak

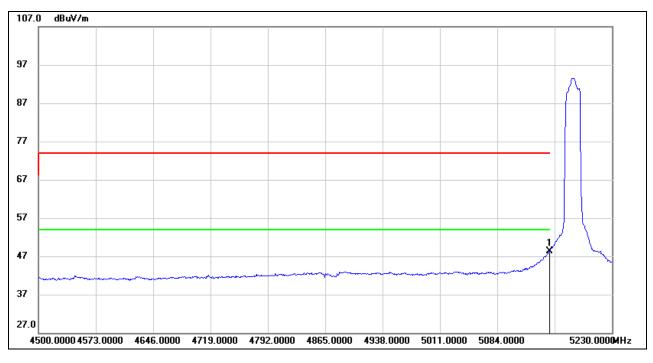
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.



<u>AVG</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5150.000	7.94	40.46	48.40	54.00	-5.60	AVG

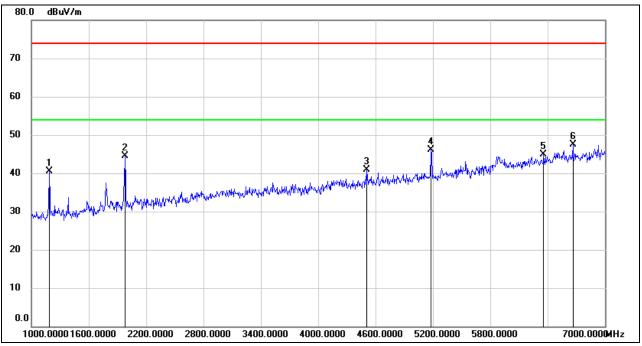
Note: 1. Measurement = Reading Level + Correct Factor.

2. AVG: VBW=1/Ton where: ton is transmit duration.

3. For duty cycle, please refer to clause 7.1.



#### HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL



1000.000	01600.0000 220	0.0000 2000.00	00 3400.0000	4000.0000 4000	0.0000 3200.000	0 0000.0000	7000.00004H2
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	54.23	-13.64	40.59	74.00	-33.41	peak
2	1978.000	55.36	-10.85	44.51	74.00	-29.49	peak
3	4510.000	42.98	-2.09	40.89	74.00	-33.11	peak
4	5180.000	45.42	0.77	46.19	/	/	fundamental
5	6358.000	40.57	4.37	44.94	74.00	-29.06	peak
6	6664.000	41.93	5.58	47.51	74.00	-26.49	peak

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

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

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

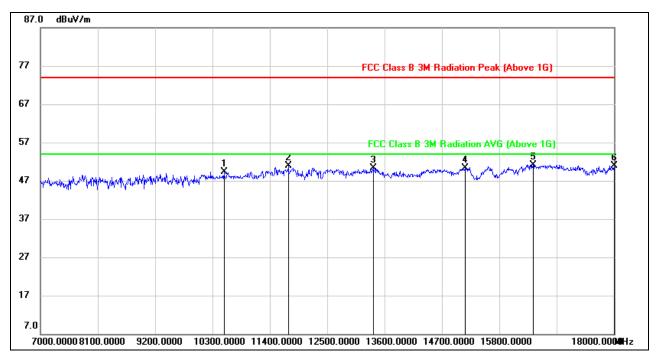
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

#### HORIZONTAL RESULTS <u>1-7GHz</u>

### HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	10520.000	36.74	12.51	49.25	74.00	-24.75	peak
2	11752.000	36.59	14.26	50.85	74.00	-23.15	peak
3	13380.000	33.85	16.37	50.22	74.00	-23.78	peak
4	15140.000	34.32	15.99	50.31	74.00	-23.69	peak
5	16449.000	31.55	19.61	51.16	74.00	-22.84	peak
6	18000.000	27.50	23.48	50.98	74.00	-23.02	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.

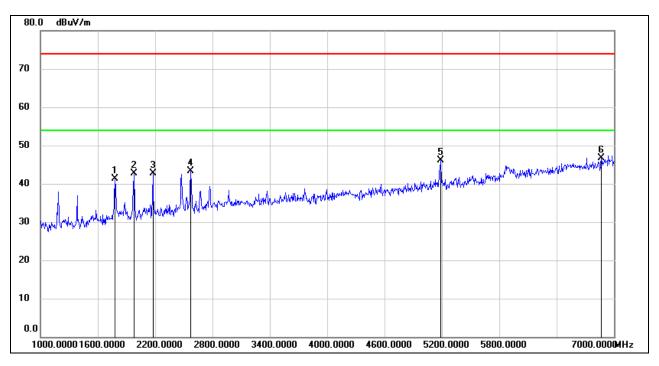
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1780.000	52.50	-11.14	41.36	74.00	-32.64	peak
2	1978.000	53.61	-10.85	42.76	74.00	-31.24	peak
3	2176.000	52.59	-9.90	42.69	74.00	-31.31	peak
4	2572.000	51.81	-8.48	43.33	74.00	-30.67	peak
5	5180.000	45.29	0.82	46.11	/	/	fundamental
6	6868.000	40.70	6.07	46.77	74.00	-27.23	peak

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

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

3. Peak: Peak detector.

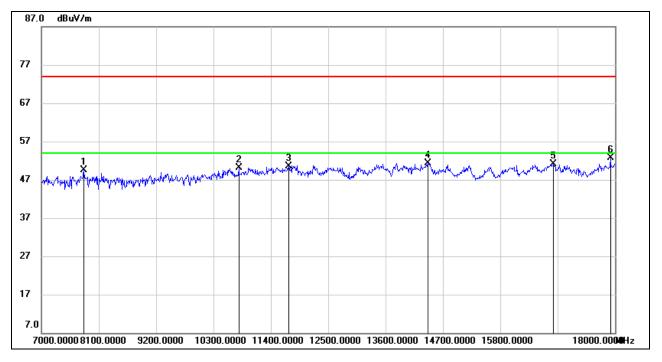
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7814.000	39.95	9.58	49.53	74.00	-24.47	peak
2	10784.000	37.37	12.76	50.13	74.00	-23.87	peak
3	11741.000	36.27	14.24	50.51	74.00	-23.49	peak
4	14414.000	34.41	16.98	51.39	74.00	-22.61	peak
5	16823.000	30.49	20.53	51.02	74.00	-22.98	peak
6	17912.000	29.24	23.40	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.

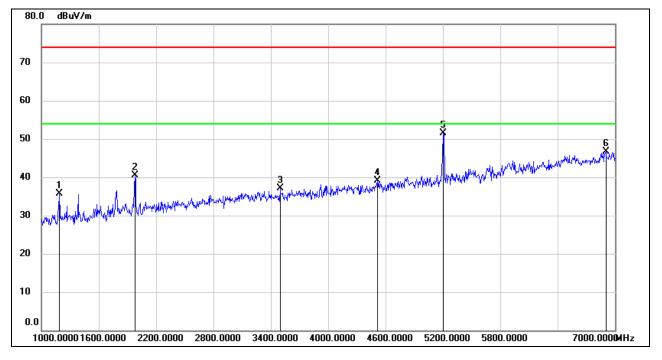
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



### HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL



#### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	49.27	-13.64	35.63	74.00	-38.37	peak
2	1978.000	51.37	-10.85	40.52	74.00	-33.48	peak
3	3496.000	42.47	-5.42	37.05	74.00	-36.95	peak
4	4516.000	41.12	-2.08	39.04	74.00	-34.96	peak
5	5200.000	50.69	0.91	51.60	/	/	fundamental
6	6904.000	40.49	6.30	46.79	74.00	-27.21	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.

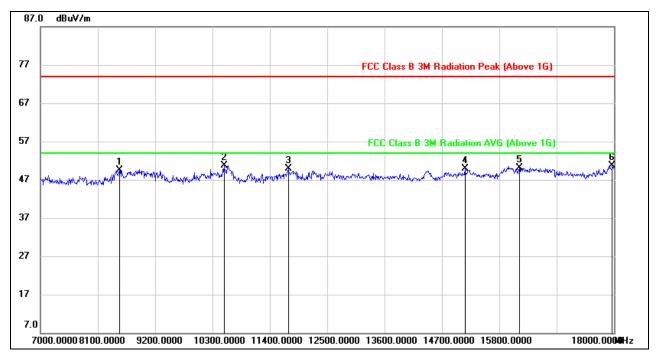
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

### HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8518.000	40.23	9.21	49.44	74.00	-24.56	peak
2	10520.000	38.24	12.51	50.75	74.00	-23.25	peak
3	11752.000	35.59	14.26	49.85	74.00	-24.15	peak
4	15140.000	33.82	15.99	49.81	74.00	-24.19	peak
5	16185.000	31.58	18.60	50.18	74.00	-23.82	peak
6	17967.000	27.19	23.45	50.64	74.00	-23.36	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.

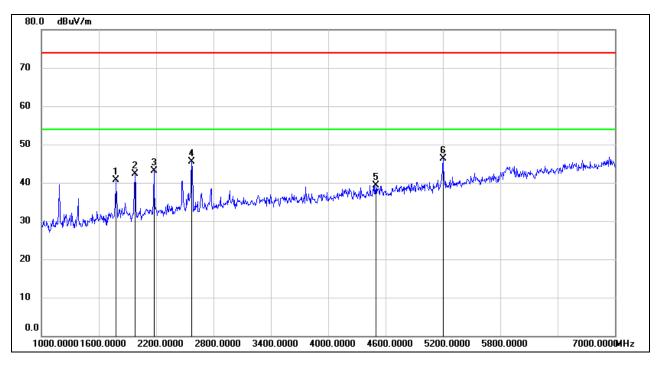
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

# (UL)

# VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1780.000	51.91	-11.14	40.77	74.00	-33.23	peak
2	1978.000	53.23	-10.85	42.38	74.00	-31.62	peak
3	2176.000	53.10	-9.90	43.20	74.00	-30.80	peak
4	2572.000	53.97	-8.48	45.49	74.00	-28.51	peak
5	4498.000	41.50	-2.11	39.39	74.00	-34.61	peak
6	5200.000	45.32	0.91	46.23	/	/	fundamental

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.

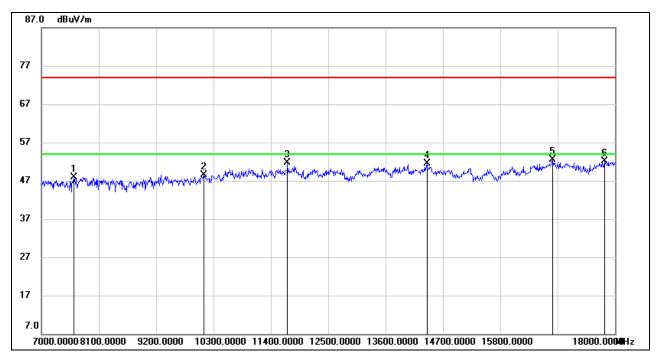
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7616.000	39.49	8.46	47.95	74.00	-26.05	peak
2	10113.000	36.89	11.60	48.49	74.00	-25.51	peak
3	11719.000	37.55	14.19	51.74	74.00	-22.26	peak
4	14392.000	34.49	16.99	51.48	74.00	-22.52	peak
5	16801.000	31.97	20.53	52.50	74.00	-21.50	peak
6	17802.000	28.62	23.45	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.

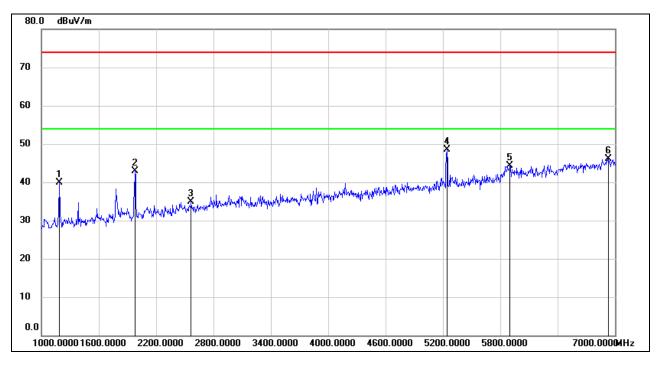
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL



### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	53.47	-13.64	39.83	74.00	-34.17	peak
2	1978.000	53.85	-10.85	43.00	74.00	-31.00	peak
3	2566.000	43.29	-8.46	34.83	74.00	-39.17	peak
4	5240.000	47.53	0.95	48.48	/	/	fundamental
5	5902.000	39.57	4.83	44.40	74.00	-29.60	peak
6	6934.000	39.82	6.34	46.16	74.00	-27.84	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.

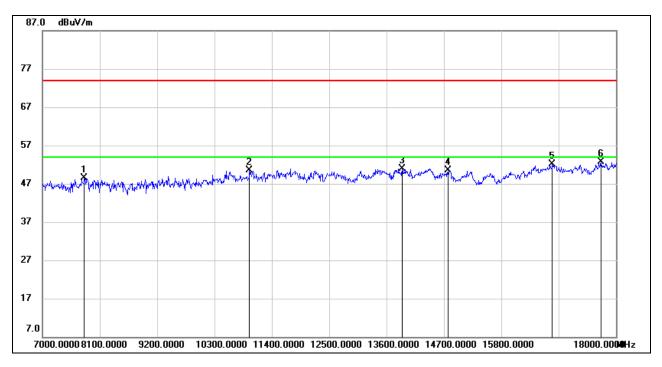
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

# HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	38.84	9.63	48.47	74.00	-25.53	peak
2	10971.000	37.03	13.41	50.44	74.00	-23.56	peak
3	13897.000	34.25	16.75	51.00	74.00	-23.00	peak
4	14777.000	34.29	16.17	50.46	74.00	-23.54	peak
5	16779.000	31.61	20.49	52.10	74.00	-21.90	peak
6	17714.000	29.95	22.71	52.66	74.00	-21.34	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.

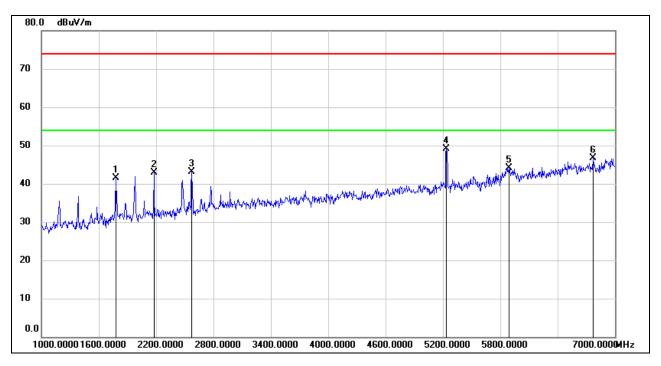
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1780.000	52.72	-11.14	41.58	74.00	-32.42	peak
2	2176.000	52.84	-9.90	42.94	74.00	-31.06	peak
3	2572.000	51.61	-8.48	43.13	74.00	-30.87	peak
4	5240.000	48.16	0.95	49.11	/	/	fundamental
5	5890.000	39.48	4.68	44.16	74.00	-29.84	peak
6	6772.000	41.11	5.60	46.71	74.00	-27.29	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.

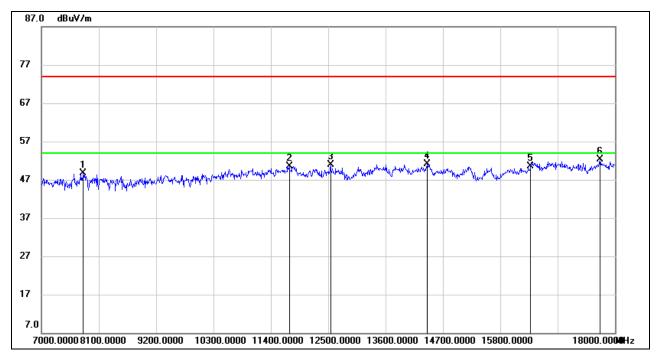
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	39.09	9.63	48.72	74.00	-25.28	peak
2	11752.000	36.29	14.26	50.55	74.00	-23.45	peak
3	12544.000	35.83	15.12	50.95	74.00	-23.05	peak
4	14403.000	34.03	17.01	51.04	74.00	-22.96	peak
5	16383.000	31.30	19.27	50.57	74.00	-23.43	peak
6	17714.000	29.65	22.71	52.36	74.00	-21.64	peak

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

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

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

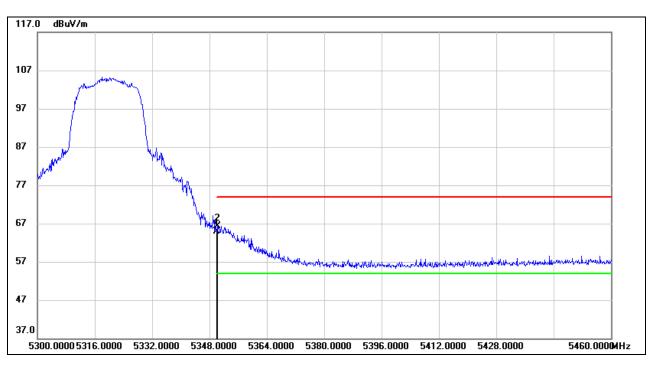
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# 8.2.2. UNII-2A BAND

#### **RESTRICTED BANDEDGE HIGH CHANNEL**



#### HORIZONTAL RESULTS PEAK

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	24.17	40.64	64.81	74.00	-9.19	peak
2	5350.240	25.75	40.64	66.39	74.00	-7.61	peak

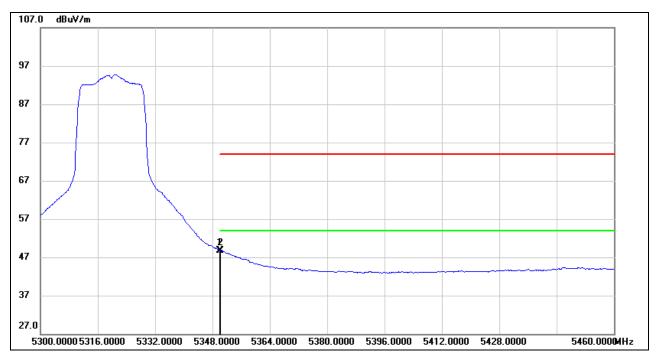
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.



<u>AVG</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	8.16	40.64	48.80	54.00	-5.20	AVG
2	5350.240	8.09	40.64	48.73	54.00	-5.27	AVG

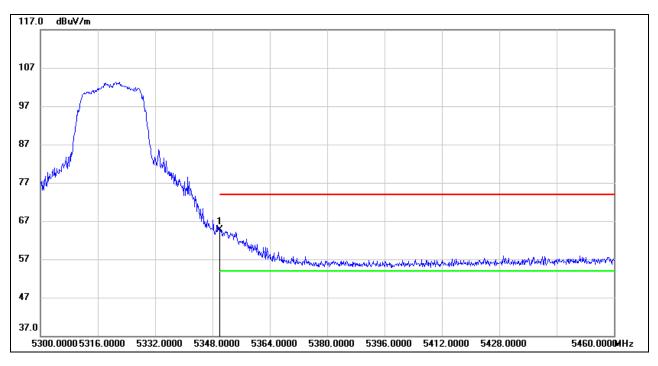
Note: 1. Measurement = Reading Level + Correct Factor.

2. AVG: VBW=1/Ton where: ton is transmit duration.

3. For duty cycle, please refer to clause 7.1.



VERTICAL RESULTS PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	24.08	40.64	64.72	74.00	-9.28	peak

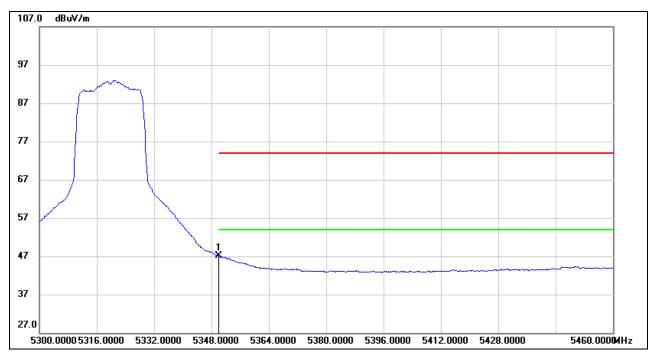
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.



<u>AVG</u>



No	).	Frequency	Reading	Correct	Result	Limit	Margin	Remark
		(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1		5350.000	6.51	40.64	47.15	54.00	-6.85	AVG

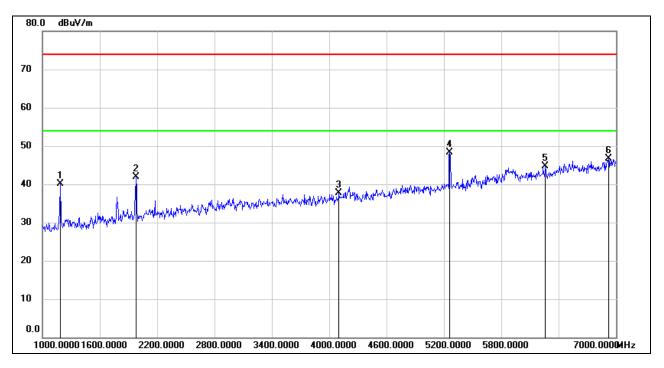
Note: 1. Measurement = Reading Level + Correct Factor.

2. AVG: VBW=1/Ton where: ton is transmit duration.

3. For duty cycle, please refer to clause 7.1.



#### HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL



#### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	53.70	-13.64	40.06	74.00	-33.94	peak
2	1978.000	52.85	-10.85	42.00	74.00	-32.00	peak
3	4102.000	41.52	-3.90	37.62	74.00	-36.38	peak
4	5260.000	47.35	0.97	48.32	/	/	fundamental
5	6262.000	40.73	4.00	44.73	74.00	-29.27	peak
6	6922.000	40.34	6.32	46.66	74.00	-27.34	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.

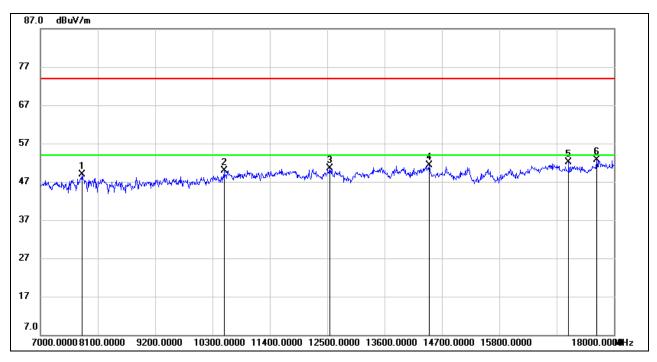
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands





No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	39.19	9.63	48.82	74.00	-25.18	peak
2	10520.000	37.41	12.51	49.92	74.00	-24.08	peak
3	12544.000	35.39	15.12	50.51	74.00	-23.49	peak
4	14458.000	34.35	16.91	51.26	74.00	-22.74	peak
5	17131.000	30.65	21.36	52.01	74.00	-21.99	peak
6	17670.000	30.32	22.40	52.72	74.00	-21.28	peak

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

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

3. Peak: Peak detector.

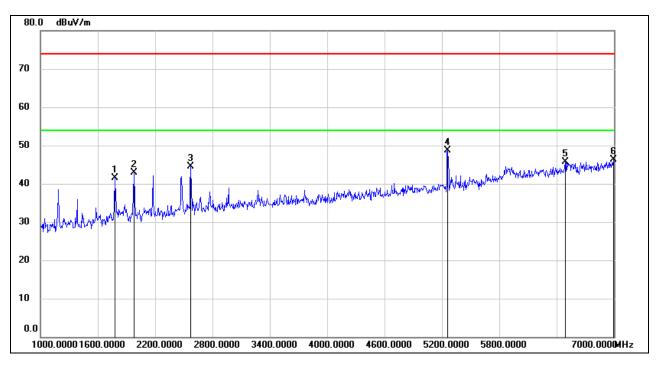
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



### VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1780.000	52.70	-11.14	41.56	74.00	-32.44	peak
2	1978.000	53.66	-10.85	42.81	74.00	-31.19	peak
3	2572.000	53.02	-8.48	44.54	74.00	-29.46	peak
4	5260.000	47.70	0.97	48.67	/	/	fundamental
5	6490.000	39.97	5.75	45.72	74.00	-28.28	peak
6	6994.000	39.93	6.42	46.35	74.00	-27.65	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.

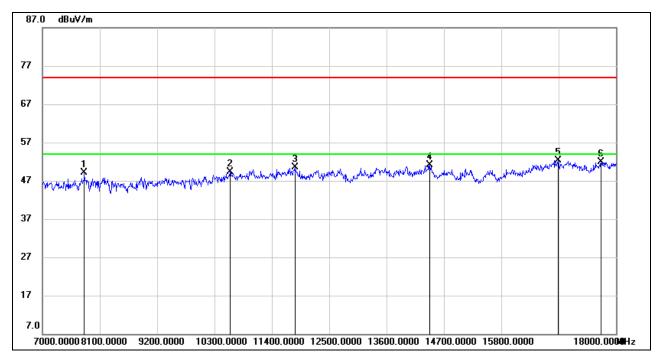
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	39.40	9.63	49.03	74.00	-24.97	peak
2	10597.000	35.84	13.38	49.22	74.00	-24.78	peak
3	11840.000	36.10	14.45	50.55	74.00	-23.45	peak
4	14425.000	34.19	16.97	51.16	74.00	-22.84	peak
5	16889.000	31.88	20.50	52.38	74.00	-21.62	peak
6	17714.000	29.19	22.71	51.90	74.00	-22.10	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.

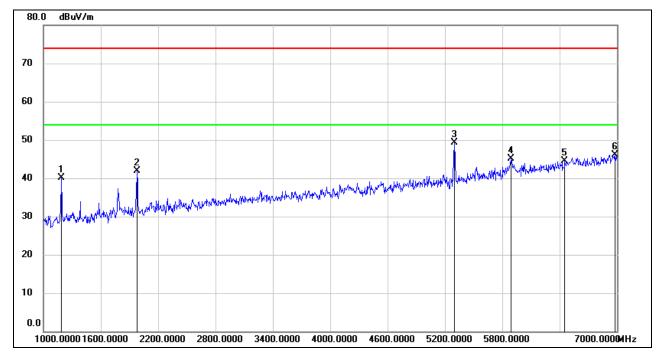
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL



#### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	53.74	-13.64	40.10	74.00	-33.90	peak
2	1978.000	52.79	-10.85	41.94	74.00	-32.06	peak
3	5300.000	48.29	1.01	49.30	/	/	fundamental
4	5890.000	40.45	4.68	45.13	74.00	-28.87	peak
5	6454.000	39.18	5.27	44.45	74.00	-29.55	peak
6	6982.000	39.80	6.40	46.20	74.00	-27.80	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.

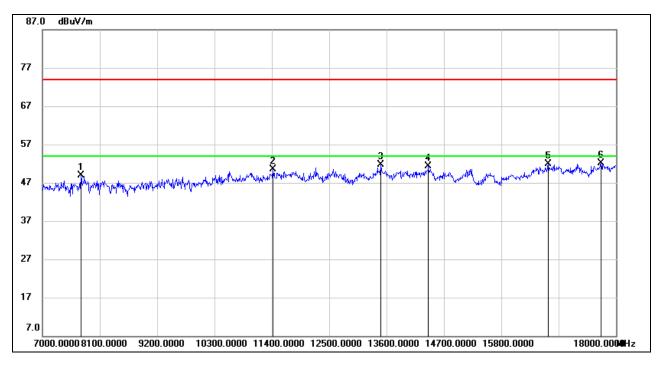
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

# HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7737.000	40.17	8.78	48.95	74.00	-25.05	peak
2	11422.000	36.46	13.95	50.41	74.00	-23.59	peak
3	13490.000	35.40	16.25	51.65	74.00	-22.35	peak
4	14403.000	34.28	17.01	51.29	74.00	-22.71	peak
5	16702.000	31.61	20.35	51.96	74.00	-22.04	peak
6	17714.000	29.45	22.71	52.16	74.00	-21.84	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.

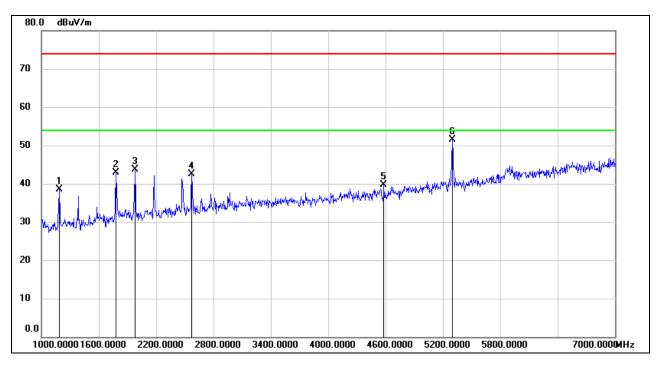
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



### VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	52.06	-13.64	38.42	74.00	-35.58	peak
2	1780.000	53.95	-11.14	42.81	74.00	-31.19	peak
3	1978.000	54.48	-10.85	43.63	74.00	-30.37	peak
4	2572.000	51.04	-8.48	42.56	74.00	-31.44	peak
5	4582.000	41.74	-2.03	39.71	74.00	-34.29	peak
6	5300.000	50.50	1.01	51.51	/	/	fundamental

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.

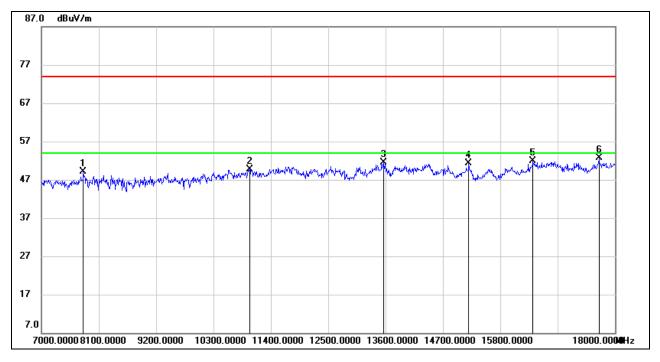
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	39.42	9.63	49.05	74.00	-24.95	peak
2	10993.000	36.16	13.59	49.75	74.00	-24.25	peak
3	13556.000	35.04	16.37	51.41	74.00	-22.59	peak
4	15195.000	35.29	16.06	51.35	74.00	-22.65	peak
5	16427.000	32.41	19.52	51.93	74.00	-22.07	peak
6	17692.000	30.18	22.54	52.72	74.00	-21.28	peak

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

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

3. Peak: Peak detector.

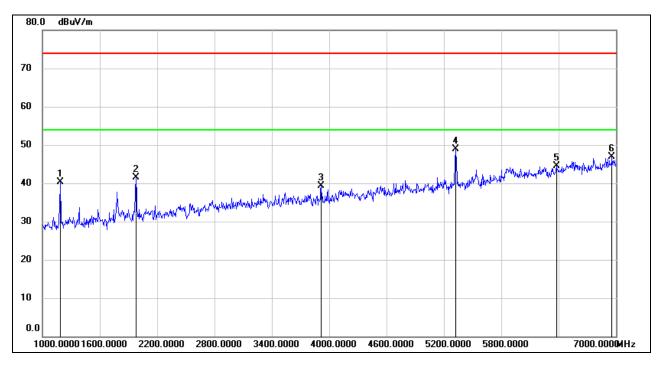
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL



#### No. Frequency Reading Correct Result Limit Margin Remark (dBuV/m) (MHz) (dBuV) (dB/m) (dBuV/m) (dB) 1186.000 40.38 74.00 -33.62 1 54.02 -13.64 peak 2 1978.000 52.42 -10.85 41.57 74.00 -32.43 peak 39.32 3 3916.000 43.48 -4.16 74.00 -34.68 peak 4 5320.000 47.93 0.98 48.91 fundamental -29.59 5 6376.000 39.97 4.44 44.41 74.00 peak 6958.000 6 40.48 6.36 46.84 74.00 -27.16 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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

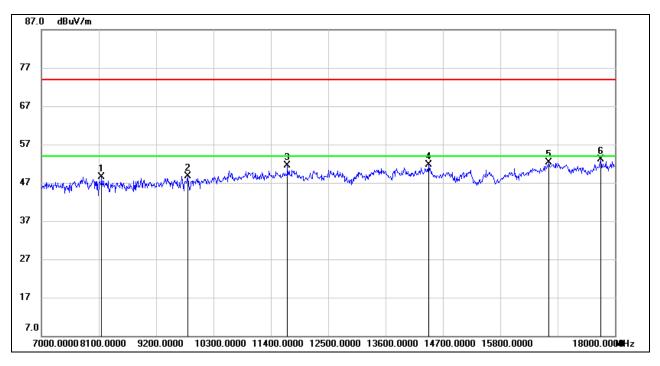
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

#### HORIZONTAL RESULTS <u>1-7GHz</u>

# HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8155.000	38.47	10.02	48.49	74.00	-25.51	peak
2	9805.000	37.92	10.88	48.80	74.00	-25.20	peak
3	11719.000	37.33	14.19	51.52	74.00	-22.48	peak
4	14425.000	34.79	16.97	51.76	74.00	-22.24	peak
5	16735.000	31.81	20.41	52.22	74.00	-21.78	peak
6	17725.000	30.22	22.80	53.02	74.00	-20.98	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.

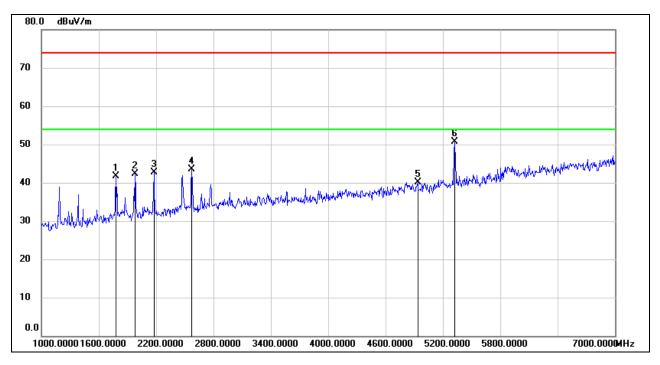
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



### VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1780.000	52.87	-11.14	41.73	74.00	-32.27	peak
2	1978.000	53.06	-10.85	42.21	74.00	-31.79	peak
3	2176.000	52.70	-9.90	42.80	74.00	-31.20	peak
4	2572.000	51.98	-8.48	43.50	74.00	-30.50	peak
5	4936.000	40.68	-0.55	40.13	74.00	-33.87	peak
6	5320.000	49.75	0.98	50.73	74.00	-23.27	peak

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

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

3. Peak: Peak detector.

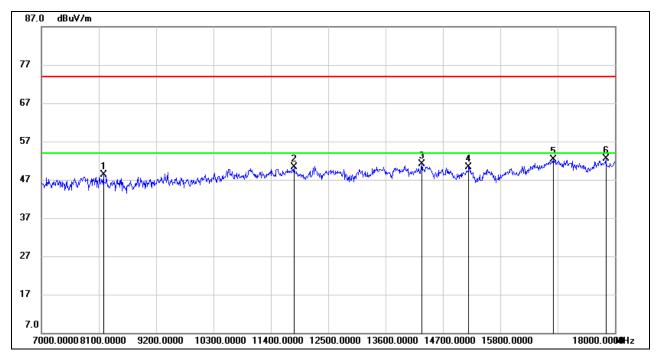
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



## <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8188.000	38.10	10.23	48.33	74.00	-25.67	peak
2	11840.000	35.93	14.45	50.38	74.00	-23.62	peak
3	14293.000	34.42	16.78	51.20	74.00	-22.80	peak
4	15195.000	34.34	16.06	50.40	74.00	-23.60	peak
5	16812.000	31.85	20.53	52.38	74.00	-21.62	peak
6	17824.000	28.96	23.45	52.41	74.00	-21.59	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.

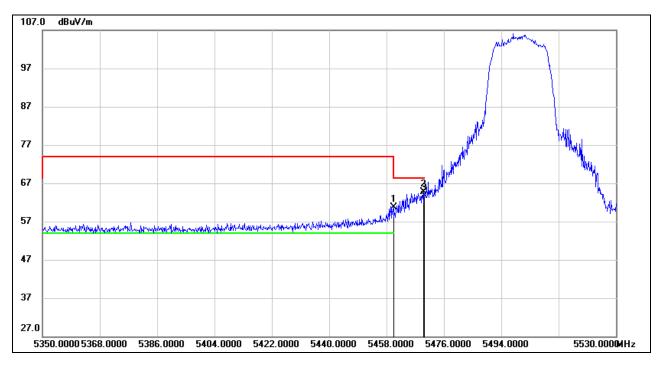
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# 8.2.3. UNII-2C BAND RESTRICTED BANDEDGE LOW CHANNEL



#### HORIZONTAL RESULTS PEAK

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5460.000	19.45	41.28	60.73	68.20	-7.47	peak
2	5469.700	23.22	41.41	64.63	68.20	-3.57	peak
3	5470.000	22.29	41.41	63.70	68.20	-4.50	peak

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

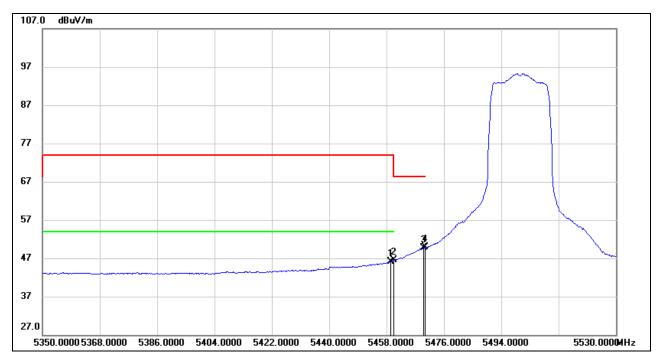
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4.\*indicates frequency out of the restricted bands



<u>AVG</u>



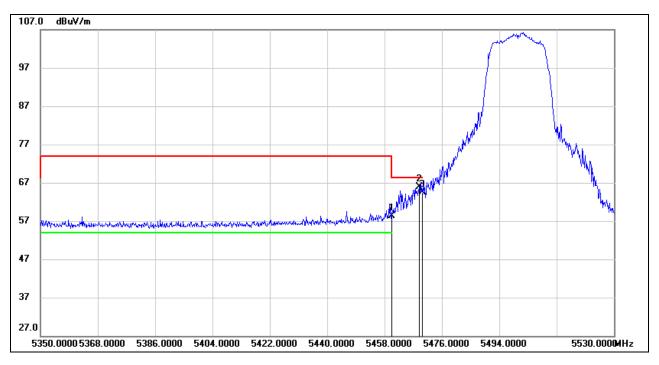
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5459.260	4.85	41.27	46.12	54.00	-7.88	AVG
2	5460.000	5.21	41.28	46.49	54.00	-7.51	AVG
3	5469.700	8.37	41.41	49.78	68.20	-18.42	AVG
4	5470.000	8.55	41.41	49.96	68.20	-18.24	AVG

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

2. AVG: VBW=1/Ton where: ton is transmit duration.

3. For duty cycle, please refer to clause 7.1.

#### VERTICAL RESULTS PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5460.000	16.98	41.28	58.26	68.20	-9.94	peak
2	5468.980	24.50	41.40	65.90	68.20	-2.30	peak
3	5470.000	23.16	41.41	64.57	68.20	-3.63	peak

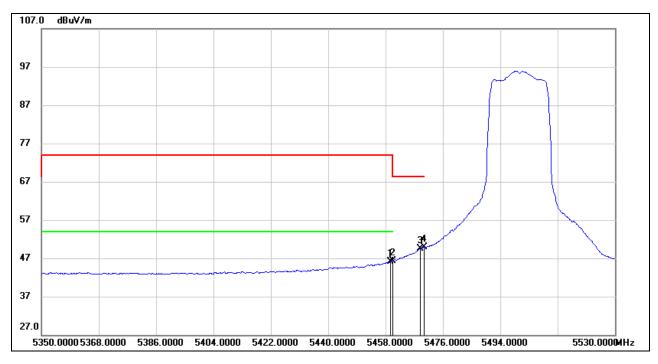
Note: 1. Measurement = Reading Level + Correct Factor.

If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
Peak: Peak detector.

4.\*indicates frequency out of the restricted bands



<u>AVG</u>



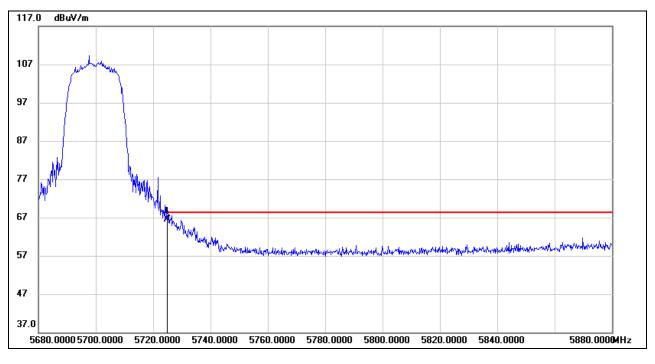
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5459.440	4.81	41.28	46.09	54.00	-7.91	AVG
2	5460.000	4.95	41.28	46.23	54.00	-7.77	AVG
3	5468.980	8.08	41.40	49.48	68.20	-18.72	AVG
4	5470.000	8.52	41.41	49.93	68.20	-18.27	AVG

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

2. AVG: VBW=1/Ton where: ton is transmit duration.

3. For duty cycle, please refer to clause 7.1.

#### **RESTRICTED BANDEDGE HIGH CHANNEL**



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5725.000	24.99	41.61	66.60	68.20	-1.60	peak

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

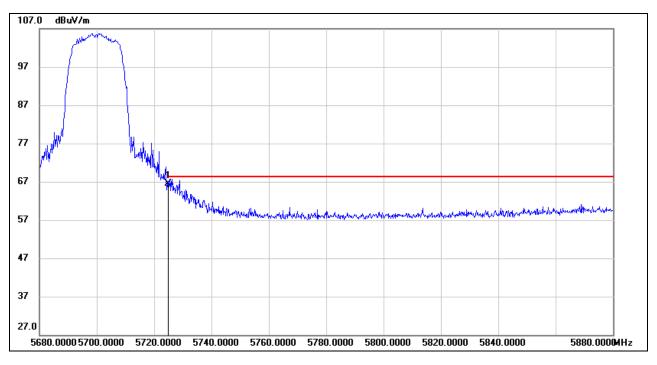
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4.\*indicates frequency out of the restricted bands



#### VERTICAL RESULTS PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5725.000	24.90	41.61	66.51	68.20	-1.69	peak

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

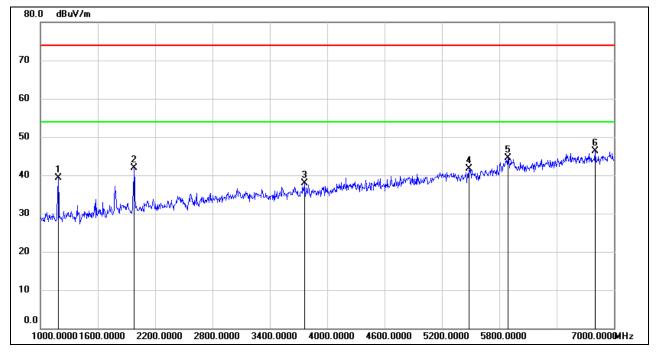
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4.\*indicates frequency out of the restricted bands



#### HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL



#### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	52.98	-13.64	39.34	74.00	-34.66	peak
2	1978.000	52.82	-10.85	41.97	74.00	-32.03	peak
3	3760.000	41.96	-4.15	37.81	74.00	-36.19	peak
4	5482.000	39.64	2.06	41.70	74.00	-32.30	peak
5	5890.000	39.90	4.68	44.58	74.00	-29.42	peak
6	6802.000	40.77	5.61	46.38	74.00	-27.62	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.

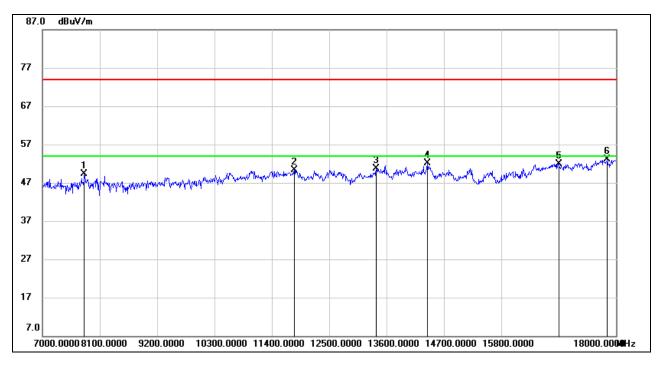
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

## HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	39.60	9.63	49.23	74.00	-24.77	peak
2	11829.000	35.93	14.42	50.35	74.00	-23.65	peak
3	13402.000	34.28	16.44	50.72	74.00	-23.28	peak
4	14381.000	35.21	16.97	52.18	74.00	-21.82	peak
5	16900.000	31.41	20.50	51.91	74.00	-22.09	peak
6	17835.000	29.62	23.43	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.

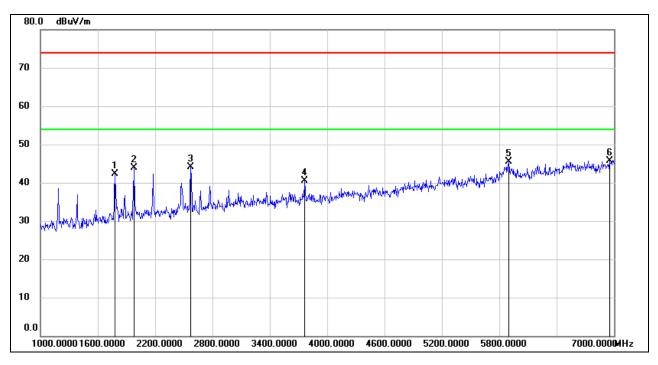
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

# (UL)

#### VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1780.000	53.44	-11.14	42.30	74.00	-31.70	peak
2	1978.000	54.76	-10.85	43.91	74.00	-30.09	peak
3	2572.000	52.51	-8.48	44.03	74.00	-29.97	peak
4	3766.000	44.68	-4.16	40.52	74.00	-33.48	peak
5	5902.000	40.68	4.83	45.51	74.00	-28.49	peak
6	6952.000	39.38	6.36	45.74	74.00	-28.26	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.

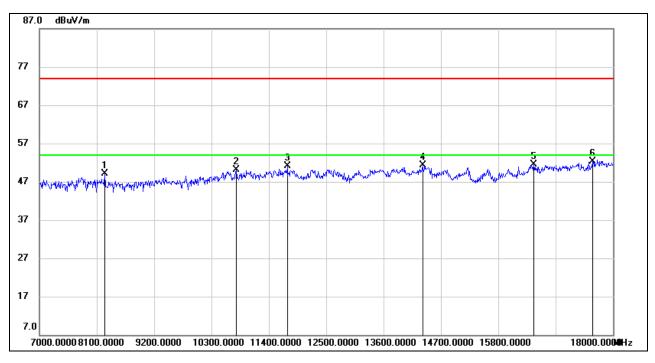
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands





No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	39.46	9.63	49.09	74.00	-24.91	peak
2	11048.000	36.40	13.67	50.07	74.00	-23.93	peak
3	13479.000	34.55	16.26	50.81	74.00	-23.19	peak
4	14458.000	34.35	16.91	51.26	74.00	-22.74	peak
5	16713.000	32.27	20.37	52.64	74.00	-21.36	peak
6	17769.000	29.53	23.18	52.71	74.00	-21.29	peak

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

3. Peak: Peak detector.

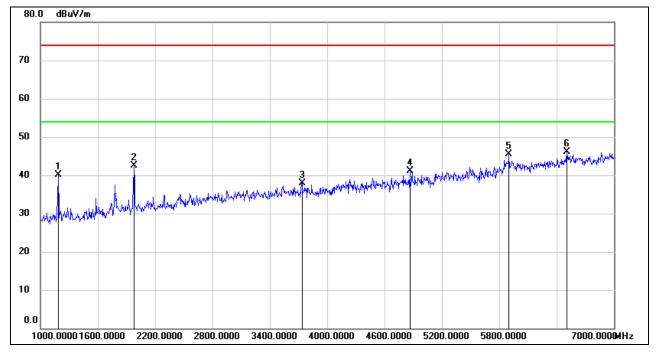
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL



#### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	53.83	-13.64	40.19	74.00	-33.81	peak
2	1978.000	53.27	-10.85	42.42	74.00	-31.58	peak
3	3736.000	42.06	-4.11	37.95	74.00	-36.05	peak
4	4864.000	41.97	-0.87	41.10	74.00	-32.90	peak
5	5902.000	40.63	4.83	45.46	74.00	-28.54	peak
6	6508.000	40.33	5.85	46.18	74.00	-27.82	peak

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

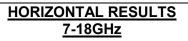
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

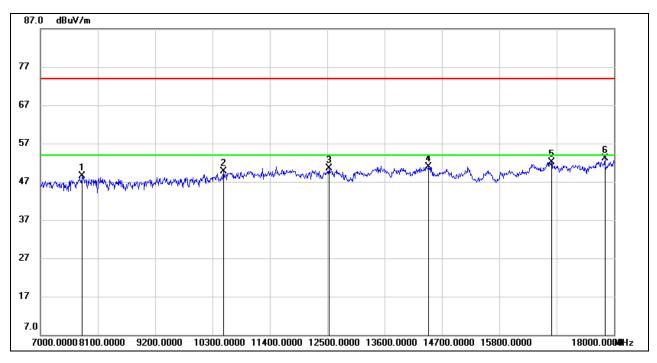
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands





No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	38.89	9.63	48.52	74.00	-25.48	peak
2	10509.000	37.40	12.39	49.79	74.00	-24.21	peak
3	12533.000	35.29	15.20	50.49	74.00	-23.51	peak
4	14436.000	33.98	16.95	50.93	74.00	-23.07	peak
5	16801.000	31.66	20.53	52.19	74.00	-21.81	peak
6	17824.000	29.56	23.45	53.01	74.00	-20.99	peak

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

3. Peak: Peak detector.

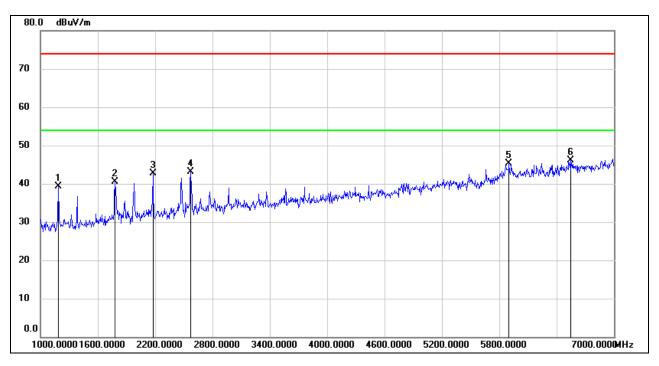
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	52.93	-13.64	39.29	74.00	-34.71	peak
2	1780.000	51.56	-11.14	40.42	74.00	-33.58	peak
3	2176.000	52.59	-9.90	42.69	74.00	-31.31	peak
4	2572.000	51.63	-8.48	43.15	74.00	-30.85	peak
5	5902.000	40.41	4.83	45.24	74.00	-28.76	peak
6	6544.000	40.29	5.73	46.02	74.00	-27.98	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.

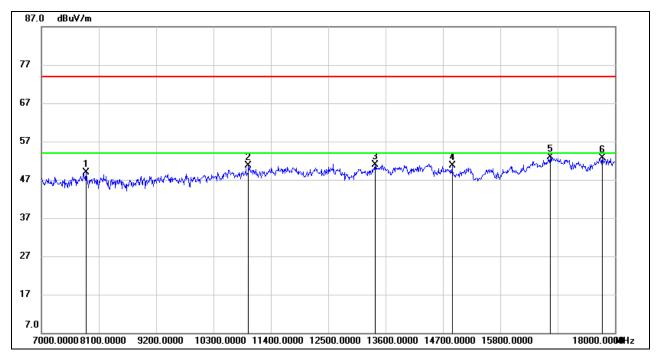
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



## <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7858.000	39.51	9.34	48.85	74.00	-25.15	peak
2	10971.000	37.20	13.41	50.61	74.00	-23.39	peak
3	13402.000	34.54	16.44	50.98	74.00	-23.02	peak
4	14876.000	34.47	16.16	50.63	74.00	-23.37	peak
5	16757.000	32.54	20.45	52.99	74.00	-21.01	peak
6	17758.000	29.54	23.09	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.

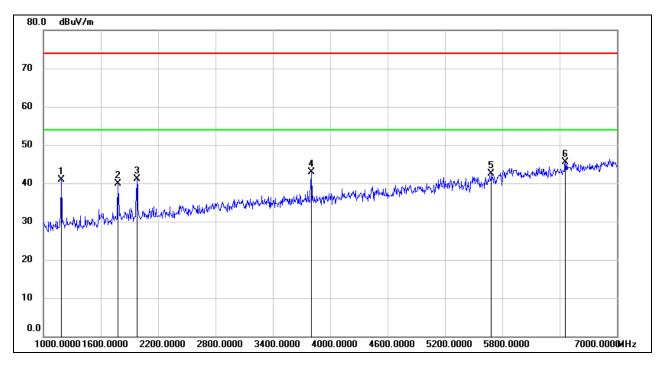
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL



#### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	54.54	-13.64	40.90	74.00	-33.10	peak
2	1780.000	51.06	-11.14	39.92	74.00	-34.08	peak
3	1978.000	52.01	-10.85	41.16	74.00	-32.84	peak
4	3802.000	47.20	-4.22	42.98	74.00	-31.02	peak
5	5686.000	40.33	2.21	42.54	74.00	-31.46	peak
6	6460.000	40.22	5.35	45.57	74.00	-28.43	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.

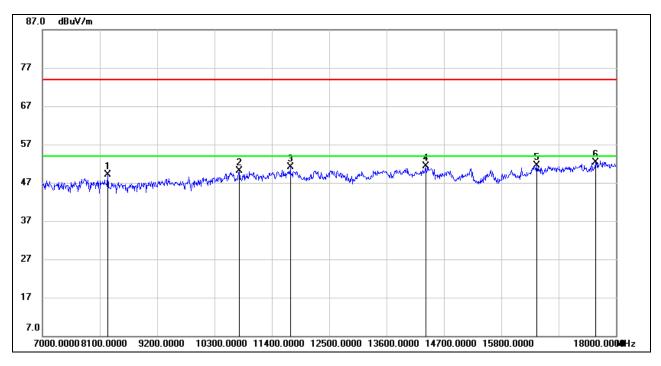
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

## HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8254.000	39.43	9.67	49.10	74.00	-24.90	peak
2	10773.000	37.40	12.75	50.15	74.00	-23.85	peak
3	11752.000	36.90	14.26	51.16	74.00	-22.84	peak
4	14348.000	34.36	16.88	51.24	74.00	-22.76	peak
5	16482.000	31.73	19.73	51.46	74.00	-22.54	peak
6	17604.000	30.24	22.03	52.27	74.00	-21.73	peak

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

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

3. Peak: Peak detector.

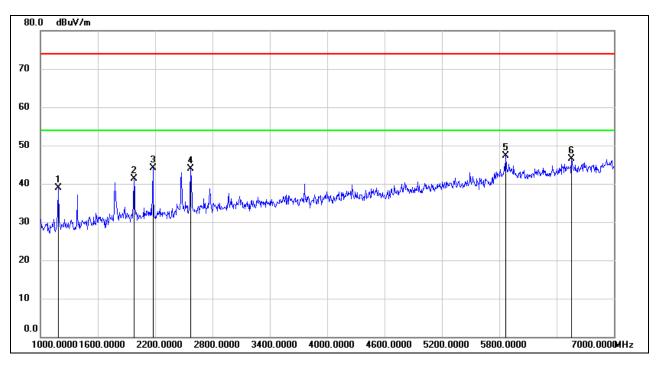
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	52.64	-13.64	39.00	74.00	-35.00	peak
2	1978.000	52.14	-10.85	41.29	74.00	-32.71	peak
3	2176.000	53.94	-9.90	44.04	74.00	-29.96	peak
4	2572.000	52.31	-8.48	43.83	74.00	-30.17	peak
5	5866.000	43.03	4.20	47.23	74.00	-26.77	peak
6	6556.000	40.74	5.68	46.42	74.00	-27.58	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.

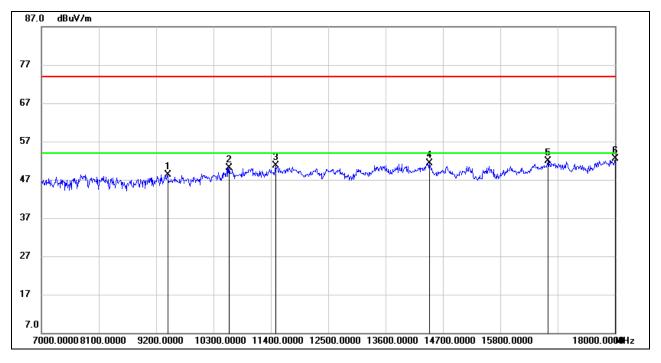
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	9420.000	37.46	10.93	48.39	74.00	-25.61	peak
2	10597.000	36.68	13.38	50.06	74.00	-23.94	peak
3	11488.000	36.28	14.37	50.65	74.00	-23.35	peak
4	14436.000	34.30	16.95	51.25	74.00	-22.75	peak
5	16713.000	31.63	20.37	52.00	74.00	-22.00	peak
6	18000.000	28.98	23.48	52.46	74.00	-21.54	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.

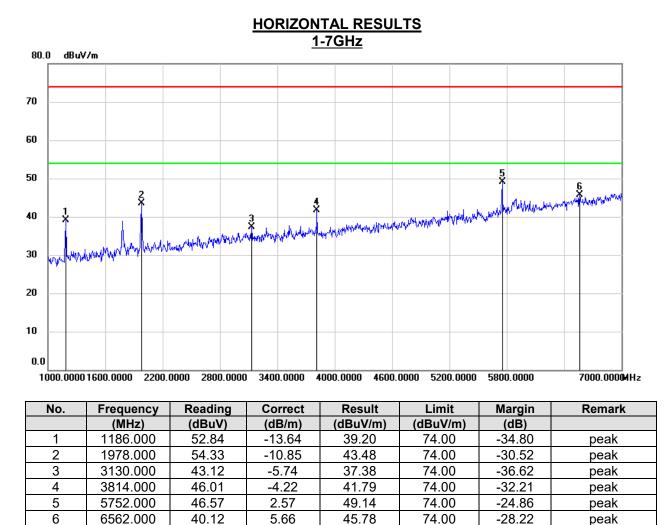
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

# 8.2.4. STRADDLE CHANNEL 144



## HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

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

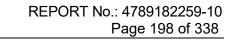
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

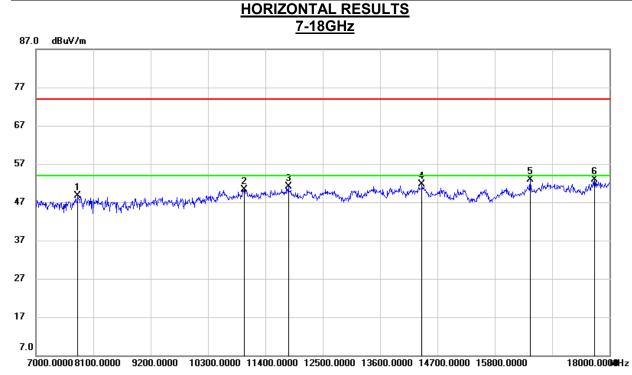
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.





No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	39.05	9.63	48.68	74.00	-25.32	peak
2	10993.000	36.64	13.59	50.23	74.00	-23.77	peak
3	11840.000	36.72	14.45	51.17	74.00	-22.83	peak
4	14403.000	34.62	17.01	51.63	74.00	-22.37	peak
5	16482.000	33.17	19.73	52.90	74.00	-21.10	peak
6	17714.000	30.12	22.71	52.83	74.00	-21.17	peak

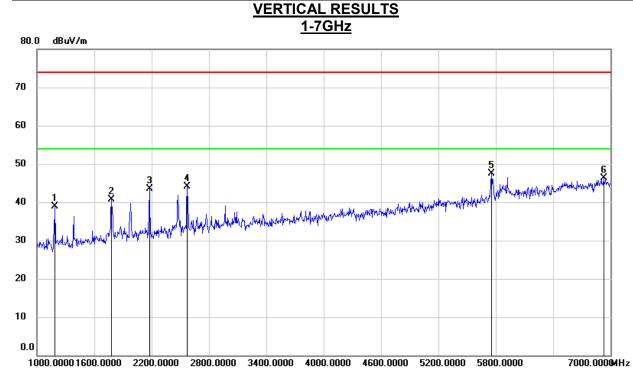
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	52.45	-13.64	38.81	74.00	-35.19	peak
2	1780.000	51.83	-11.14	40.69	74.00	-33.31	peak
3	2176.000	53.31	-9.90	43.41	74.00	-30.59	peak
4	2572.000	52.51	-8.48	44.03	74.00	-29.97	peak
5	5758.000	44.85	2.62	47.47	74.00	-26.53	peak
6	6928.000	39.89	6.32	46.21	74.00	-27.79	peak

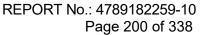
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

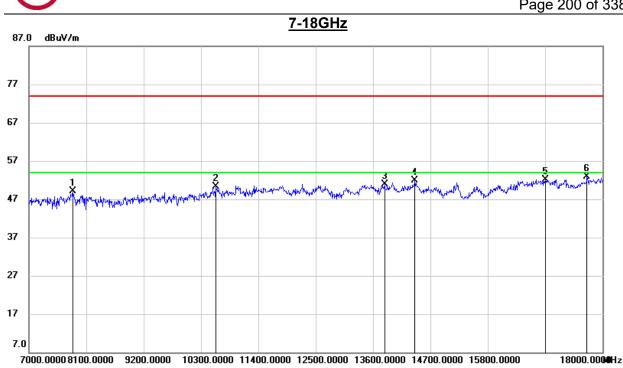
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands





No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7836.000	39.63	9.46	49.09	74.00	-24.91	peak
2	10586.000	37.04	13.25	50.29	74.00	-23.71	peak
3	13820.000	33.54	17.39	50.93	74.00	-23.07	peak
4	14403.000	34.90	17.01	51.91	74.00	-22.09	peak
5	16911.000	31.60	20.56	52.16	74.00	-21.84	peak
6	17703.000	30.37	22.62	52.99	74.00	-21.01	peak

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

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

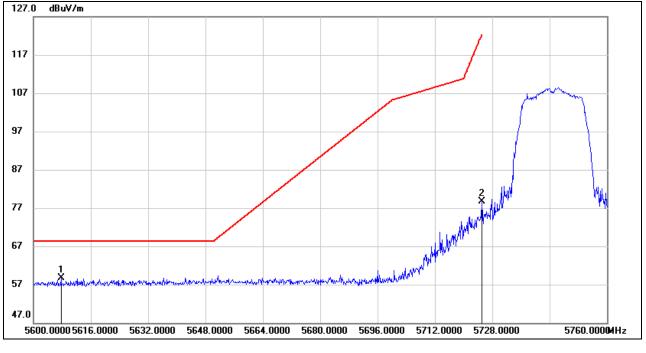
6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.



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# 8.2.5. UNII-3 BAND

### **RESTRICTED BANDEDGE LOW CHANNEL**



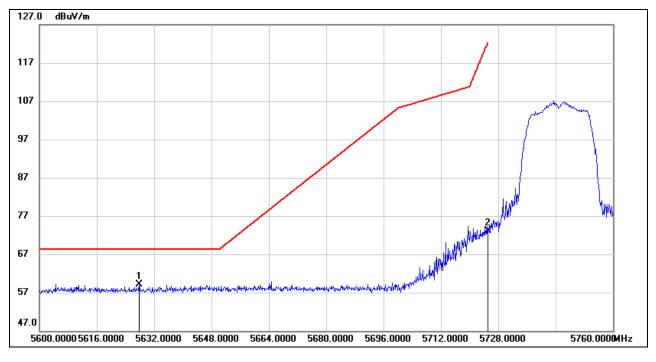
# HORIZONTAL RESULTS

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5607.680	17.17	41.46	58.63	68.20	-9.57	peak
2	5725.000	37.05	41.61	78.66	122.20	-43.54	peak

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



# VERTICAL RESULTS



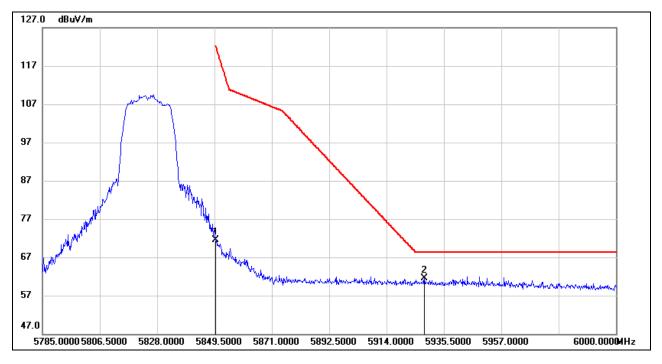
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5627.840	17.61	41.47	59.08	68.20	-9.12	peak
2	5725.000	31.59	41.61	73.20	122.20	-49.00	peak

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

.

# **RESTRICTED BANDEDGE HIGH CHANNEL**

HORIZONTAL RESULTS

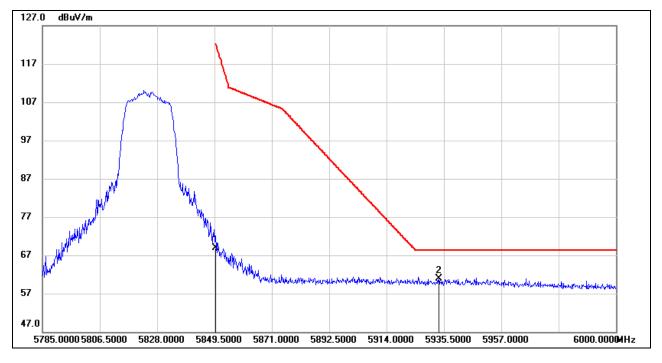


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5850.000	28.68	42.89	71.57	122.20	-50.63	peak
2	5928.190	18.06	43.36	61.42	68.20	-6.78	peak

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



# VERTICAL RESULTS

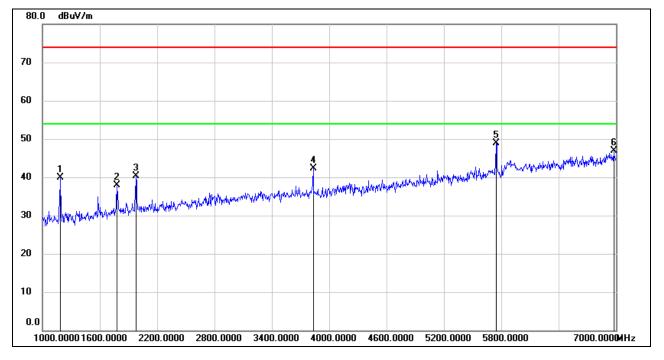


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5850.000	26.02	42.89	68.91	122.20	-53.29	peak
2	5933.565	17.68	43.28	60.96	68.20	-7.24	peak

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



### HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL



#### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	53.53	-13.64	39.89	74.00	-34.11	peak
2	1780.000	49.05	-11.14	37.91	74.00	-36.09	peak
3	1978.000	51.14	-10.85	40.29	74.00	-33.71	peak
4	3832.000	46.44	-4.21	42.23	74.00	-31.77	peak
5	5745.000	46.40	2.54	48.94	/	/	fundamental
6	6976.000	40.47	6.39	46.86	74.00	-27.14	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.

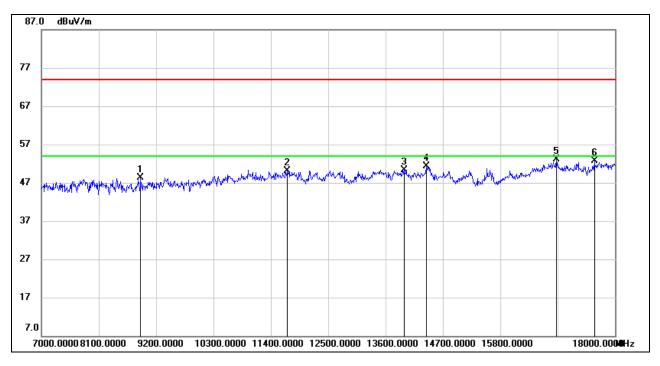
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the

## HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8903.000	38.45	9.93	48.38	74.00	-25.62	peak
2	11719.000	35.86	14.19	50.05	74.00	-23.95	peak
3	13952.000	33.66	16.74	50.40	74.00	-23.60	peak
4	14381.000	34.25	16.97	51.22	74.00	-22.78	peak
5	16878.000	32.55	20.51	53.06	74.00	-20.94	peak
6	17604.000	30.65	22.03	52.68	74.00	-21.32	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.

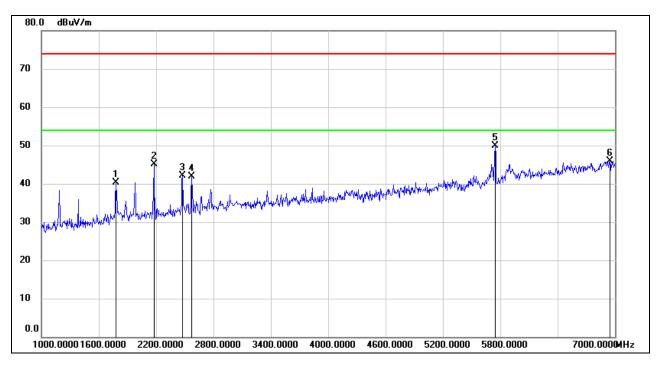
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1780.000	51.49	-11.14	40.35	74.00	-33.65	peak
2	2176.000	54.99	-9.90	45.09	74.00	-28.91	peak
3	2476.000	50.52	-8.36	42.16	74.00	-31.84	peak
4	2572.000	50.43	-8.48	41.95	74.00	-32.05	peak
5	5745.000	47.33	2.54	49.87	/	/	fundamental
6	6946.000	39.63	6.34	45.97	74.00	-28.03	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.

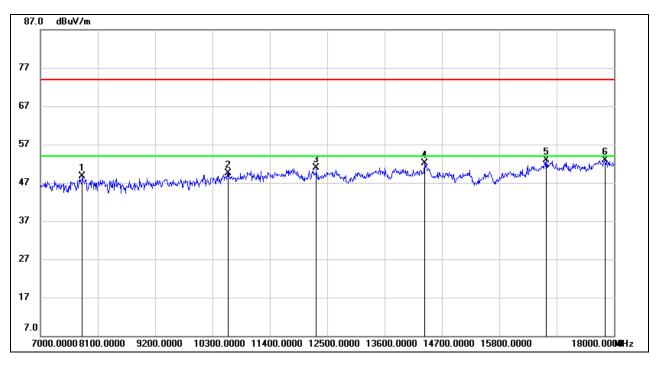
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



## VERTICAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	39.04	9.63	48.67	74.00	-25.33	peak
2	10597.000	36.12	13.38	49.50	74.00	-24.50	peak
3	12291.000	35.85	14.98	50.83	74.00	-23.17	peak
4	14370.000	35.19	16.94	52.13	74.00	-21.87	peak
5	16702.000	32.54	20.35	52.89	74.00	-21.11	peak
6	17824.000	29.39	23.45	52.84	74.00	-21.16	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.

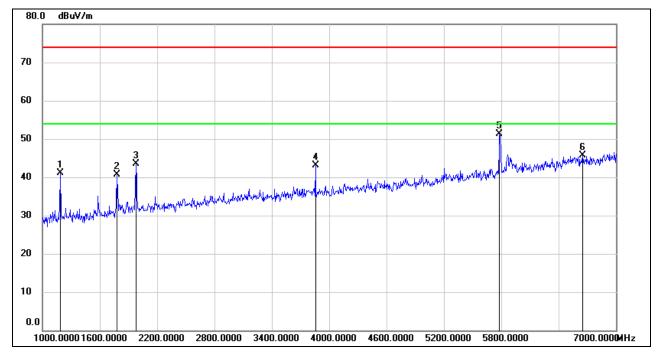
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL



#### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	54.66	-13.64	41.02	74.00	-32.98	peak
2	1780.000	51.92	-11.14	40.78	74.00	-33.22	peak
3	1978.000	54.32	-10.85	43.47	74.00	-30.53	peak
4	3856.000	47.21	-4.20	43.01	74.00	-30.99	peak
5	5785.000	48.46	2.78	51.24	/	/	fundamental
6	6652.000	40.14	5.56	45.70	74.00	-28.30	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.

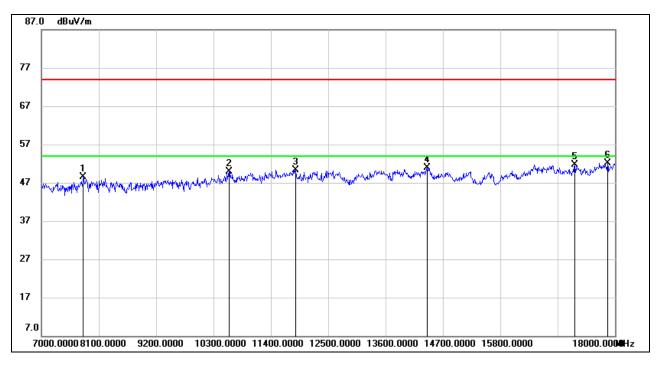
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

## HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	38.97	9.63	48.60	74.00	-25.40	peak
2	10597.000	36.58	13.38	49.96	74.00	-24.04	peak
3	11873.000	35.89	14.50	50.39	74.00	-23.61	peak
4	14403.000	33.97	17.01	50.98	74.00	-23.02	peak
5	17230.000	29.99	21.74	51.73	74.00	-22.27	peak
6	17857.000	28.77	23.42	52.19	74.00	-21.81	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.

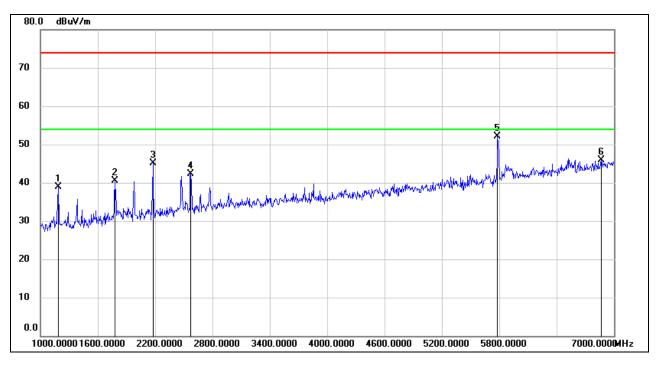
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	52.55	-13.64	38.91	74.00	-35.09	peak
2	1780.000	51.57	-11.14	40.43	74.00	-33.57	peak
3	2176.000	54.91	-9.90	45.01	74.00	-28.99	peak
4	2572.000	50.71	-8.48	42.23	74.00	-31.77	peak
5	5785.000	49.24	2.78	52.02	/	/	fundamental
6	6868.000	39.81	6.07	45.88	74.00	-28.12	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.

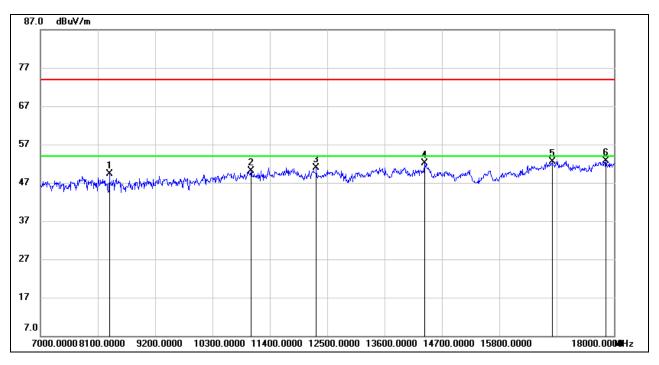
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



## VERTICAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8320.000	40.09	9.15	49.24	74.00	-24.76	peak
2	11037.000	36.42	13.66	50.08	74.00	-23.92	peak
3	12291.000	35.85	14.98	50.83	74.00	-23.17	peak
4	14370.000	35.19	16.94	52.13	74.00	-21.87	peak
5	16812.000	32.03	20.53	52.56	74.00	-21.44	peak
6	17846.000	29.33	23.43	52.76	74.00	-21.24	peak

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

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

3. Peak: Peak detector.

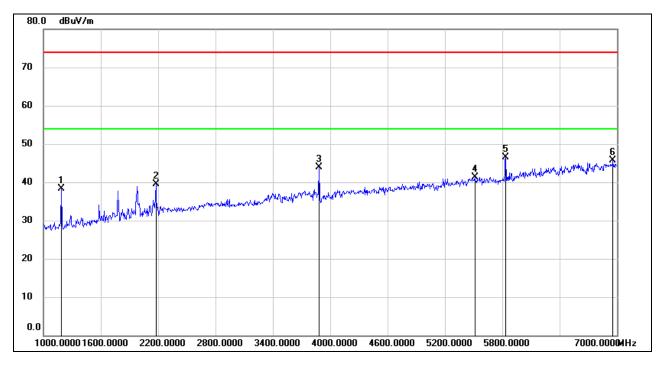
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL



#### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	51.96	-13.64	38.32	74.00	-35.68	peak
2	2176.000	49.41	-9.90	39.51	74.00	-34.49	peak
3	3886.000	48.15	-4.18	43.97	74.00	-30.03	peak
4	5512.000	38.95	2.30	41.25	74.00	-32.75	peak
5	5825.000	42.85	3.60	46.45	/	/	fundamental
6	6958.000	39.41	6.36	45.77	74.00	-28.23	peak

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

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

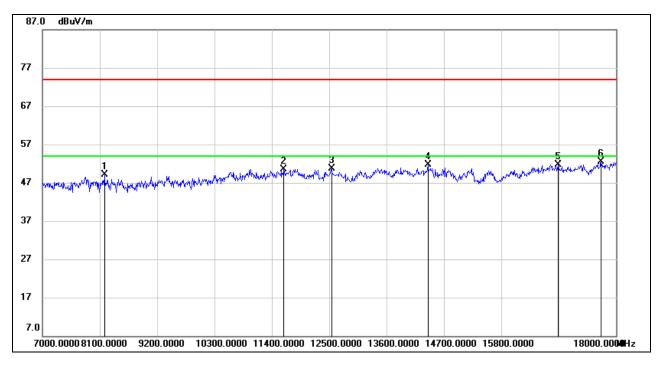
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

# HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8188.000	38.93	10.23	49.16	74.00	-24.84	peak
2	11631.000	36.12	14.48	50.60	74.00	-23.40	peak
3	12544.000	35.56	15.12	50.68	74.00	-23.32	peak
4	14392.000	34.62	16.99	51.61	74.00	-22.39	peak
5	16889.000	31.26	20.50	51.76	74.00	-22.24	peak
6	17714.000	29.87	22.71	52.58	74.00	-21.42	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.

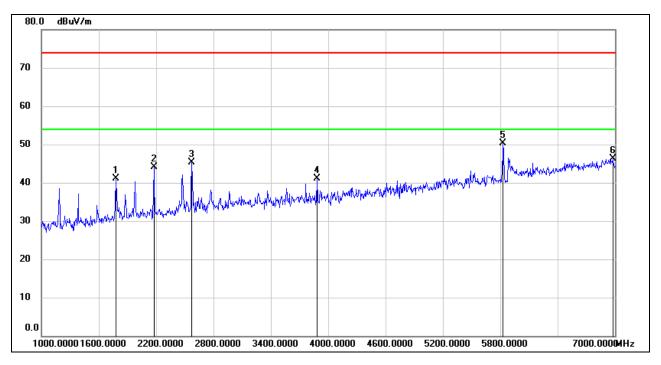
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

# (UL)

# VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1780.000	52.19	-11.14	41.05	74.00	-32.95	peak
2	2176.000	53.96	-9.90	44.06	74.00	-29.94	peak
3	2572.000	53.84	-8.48	45.36	74.00	-28.64	peak
4	3886.000	45.20	-4.18	41.02	74.00	-32.98	peak
5	5825.000	46.77	3.50	50.27	/	/	fundamental
6	6976.000	39.84	6.39	46.23	74.00	-27.77	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.

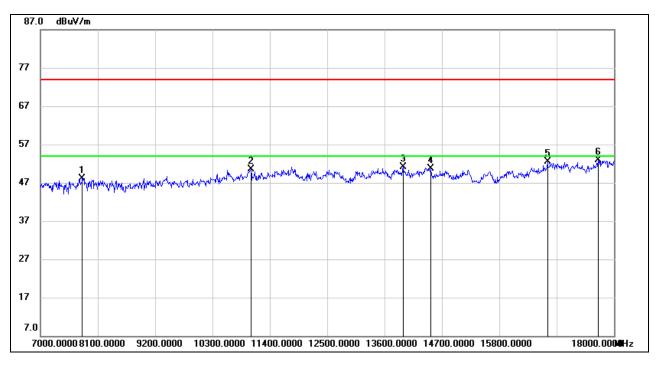
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# VERTICAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	38.57	9.63	48.20	74.00	-25.80	peak
2	11037.000	36.93	13.66	50.59	74.00	-23.41	peak
3	13952.000	34.33	16.74	51.07	74.00	-22.93	peak
4	14491.000	33.95	16.85	50.80	74.00	-23.20	peak
5	16724.000	32.12	20.40	52.52	74.00	-21.48	peak
6	17692.000	30.45	22.54	52.99	74.00	-21.01	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

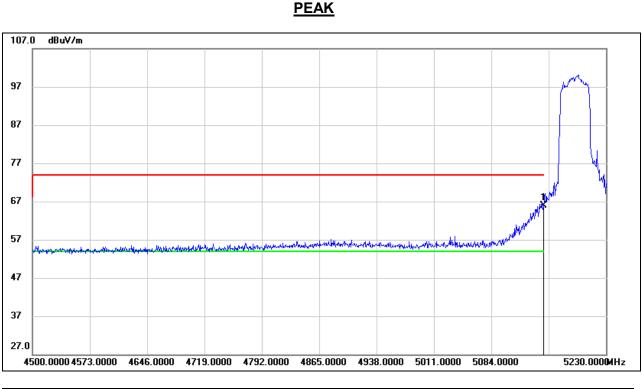
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# 8.3. 802.11n HT40 MODE

# 8.3.1. UNII-1 BAND RESTRICTED BANDEDGE LOW CHANNEL



**HORIZONTAL RESULTS** 

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5150.000	25.47	40.46	65.93	74.00	-8.07	peak

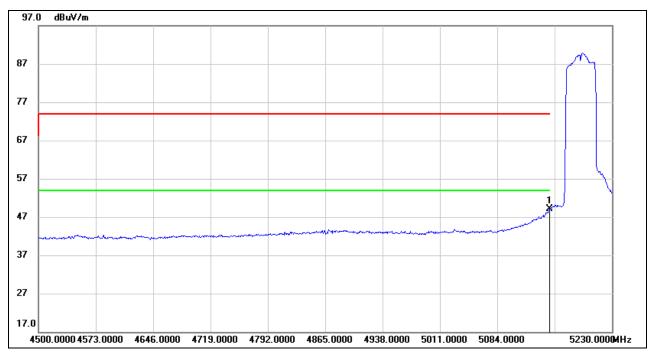
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.



<u>AVG</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5150.000	8.61	40.46	49.07	54.00	-4.93	AVG

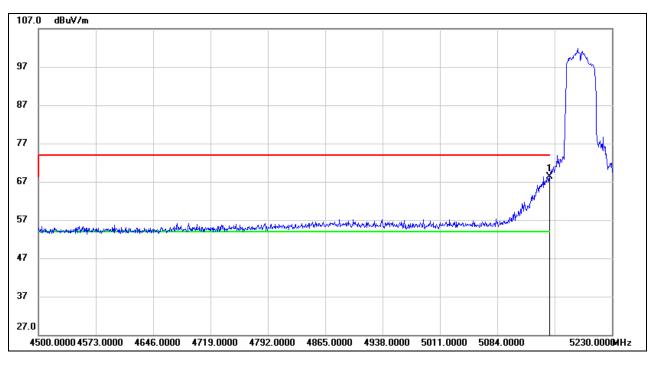
Note: 1. Measurement = Reading Level + Correct Factor.

2. AVG: VBW=1/Ton where: ton is transmit duration.

3. For duty cycle, please refer to clause 7.1.



# VERTICAL RESULTS PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5150.000	27.75	40.46	68.21	74.00	-5.79	peak

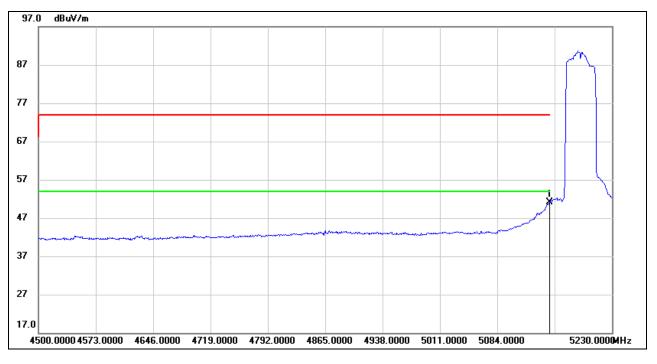
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.



<u>AVG</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5150.000	10.55	40.46	51.01	54.00	-2.99	AVG

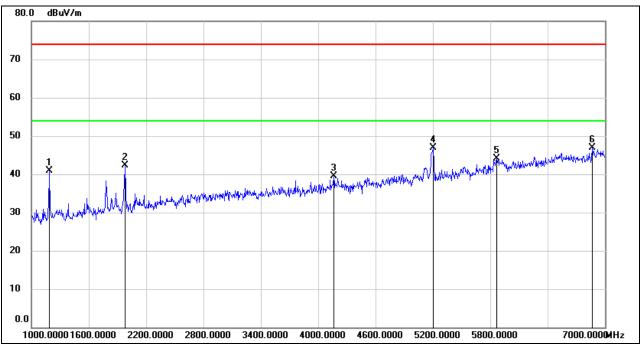
Note: 1. Measurement = Reading Level + Correct Factor.

2. AVG: VBW=1/Ton where: ton is transmit duration.

3. For duty cycle, please refer to clause 7.1.



#### HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	54.45	-13.64	40.81	74.00	-33.19	peak
2	1978.000	53.07	-10.85	42.22	74.00	-31.78	peak
3	4162.000	42.65	-3.23	39.42	74.00	-34.58	peak
4	5190.000	45.92	0.91	46.83	/	/	fundamental
5	5866.000	39.82	4.20	44.02	74.00	-29.98	peak
6	6868.000	40.85	6.07	46.92	74.00	-27.08	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

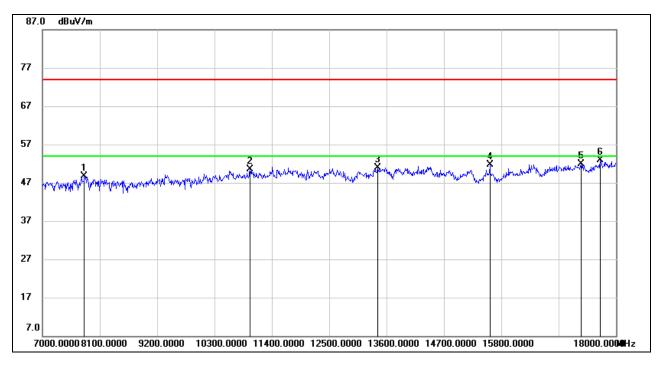
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard

#### **HORIZONTAL RESULTS** 1-7GHz

# HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	39.08	9.63	48.71	74.00	-25.29	peak
2	10982.000	36.92	13.51	50.43	74.00	-23.57	peak
3	13424.000	34.52	16.40	50.92	74.00	-23.08	peak
4	15580.000	34.69	16.92	51.61	74.00	-22.39	peak
5	17329.000	29.84	22.07	51.91	74.00	-22.09	peak
6	17692.000	30.35	22.54	52.89	74.00	-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.

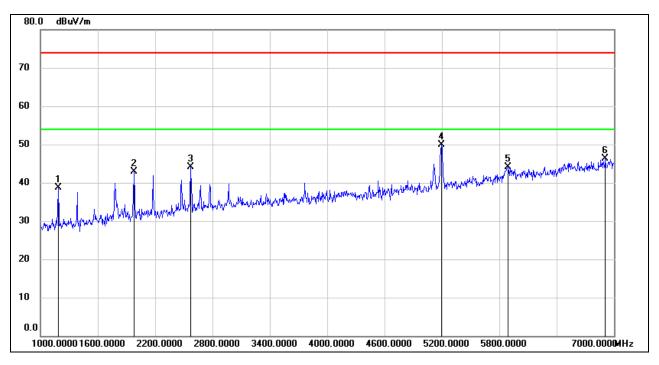
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



## VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	52.31	-13.64	38.67	74.00	-35.33	peak
2	1978.000	53.79	-10.85	42.94	74.00	-31.06	peak
3	2572.000	52.49	-8.48	44.01	74.00	-29.99	peak
4	5190.000	48.99	0.86	49.85	/	/	fundamental
5	5890.000	39.50	4.68	44.18	74.00	-29.82	peak
6	6910.000	40.07	6.31	46.38	74.00	-27.62	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.

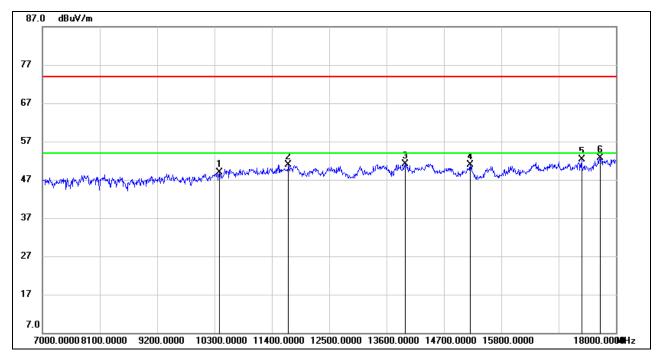
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	10388.000	36.85	12.09	48.94	74.00	-25.06	peak
2	11719.000	36.66	14.19	50.85	74.00	-23.15	peak
3	13952.000	34.40	16.74	51.14	74.00	-22.86	peak
4	15206.000	34.93	16.06	50.99	74.00	-23.01	peak
5	17340.000	30.23	22.02	52.25	74.00	-21.75	peak
6	17703.000	30.02	22.62	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.

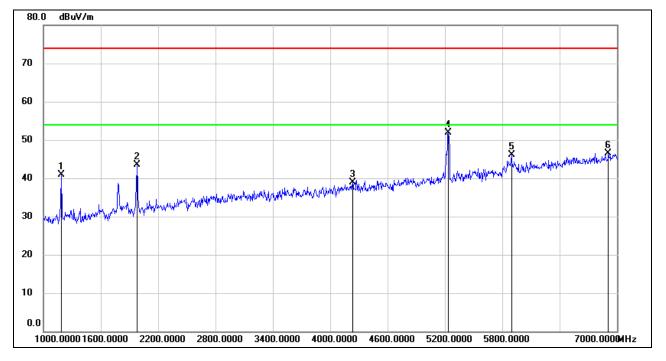
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL



#### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	54.59	-13.64	40.95	74.00	-33.05	peak
2	1978.000	54.33	-10.85	43.48	74.00	-30.52	peak
3	4234.000	41.91	-2.96	38.95	74.00	-35.05	peak
4	5230.000	50.93	0.95	51.88	/	/	fundamental
5	5896.000	41.25	4.79	46.04	74.00	-27.96	peak
6	6910.000	40.13	6.31	46.44	74.00	-27.56	peak

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

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

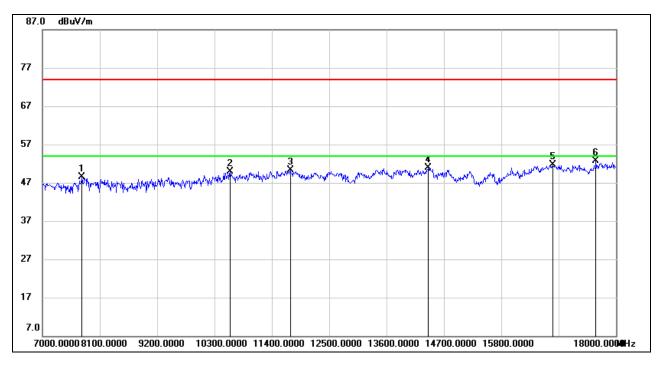
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

# HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7759.000	39.37	9.09	48.46	74.00	-25.54	peak
2	10597.000	36.52	13.38	49.90	74.00	-24.10	peak
3	11752.000	35.96	14.26	50.22	74.00	-23.78	peak
4	14403.000	33.90	17.01	50.91	74.00	-23.09	peak
5	16790.000	31.23	20.52	51.75	74.00	-22.25	peak
6	17615.000	30.53	22.10	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.

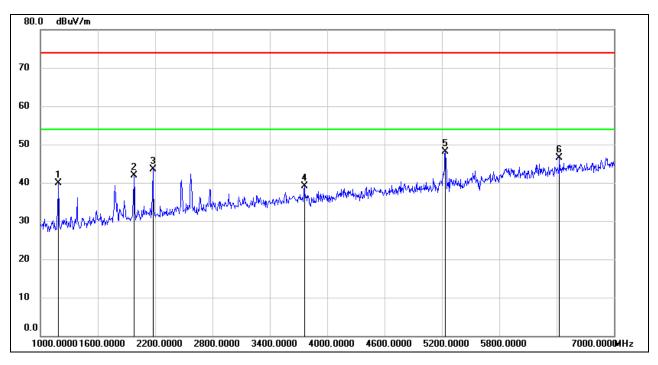
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

# VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	53.57	-13.64	39.93	74.00	-34.07	peak
2	1978.000	52.69	-10.85	41.84	74.00	-32.16	peak
3	2176.000	53.43	-9.90	43.53	74.00	-30.47	peak
4	3760.000	43.29	-4.15	39.14	74.00	-34.86	peak
5	5230.000	47.14	0.95	48.09	/	/	fundamental
6	6430.000	41.61	4.94	46.55	74.00	-27.45	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.

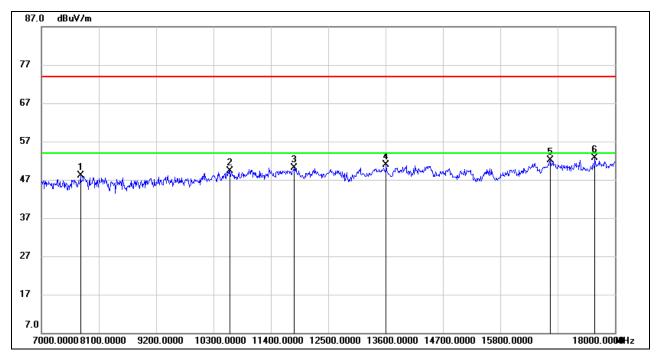
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7748.000	39.13	8.93	48.06	74.00	-25.94	peak
2	10619.000	36.13	13.27	49.40	74.00	-24.60	peak
3	11840.000	35.69	14.45	50.14	74.00	-23.86	peak
4	13611.000	34.48	16.49	50.97	74.00	-23.03	peak
5	16757.000	31.65	20.45	52.10	74.00	-21.90	peak
6	17615.000	30.67	22.10	52.77	74.00	-21.23	peak

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

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

3. Peak: Peak detector.

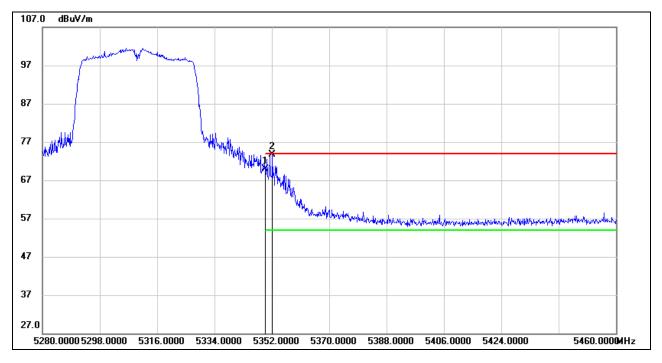
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# 8.3.2. UNII-2A BAND RESTRICTED BANDEDGE HIGH CHANNEL



#### HORIZONTAL RESULTS PEAK

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	29.26	40.64	69.90	74.00	-4.10	peak
2	5352.180	33.08	40.63	73.71	74.00	-0.29	peak

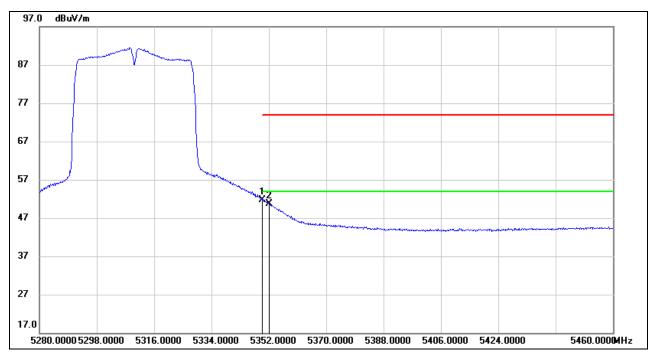
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.



<u>AVG</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	11.13	40.64	51.77	54.00	-2.23	AVG
2	5352.180	10.08	40.63	50.71	54.00	-3.29	AVG

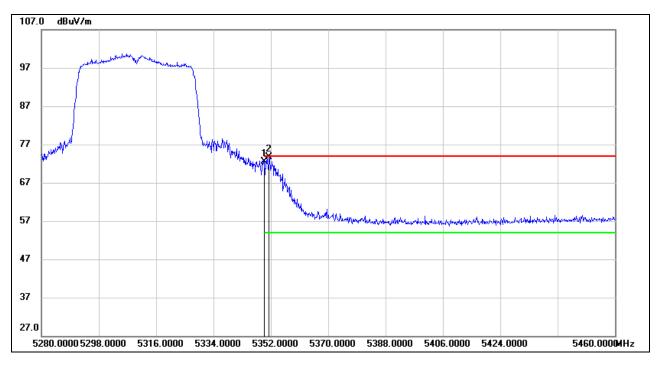
Note: 1. Measurement = Reading Level + Correct Factor.

2. AVG: VBW=1/Ton where: ton is transmit duration.

3. For duty cycle, please refer to clause 7.1.

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VERTICAL RESULTS PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	31.90	40.64	72.54	74.00	-1.46	peak
2	5351.460	32.99	40.63	73.62	74.00	-0.38	peak

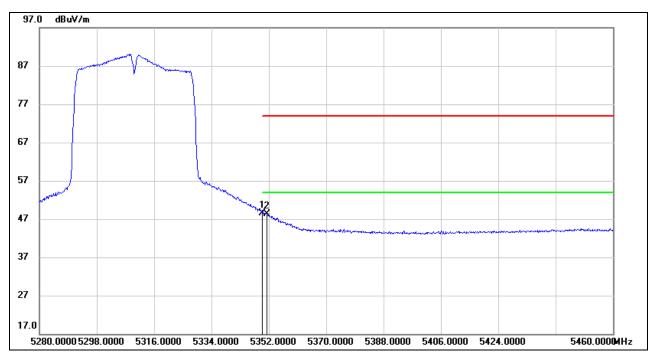
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.



<u>AVG</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	7.80	40.64	48.44	54.00	-5.56	AVG
2	5351.460	7.62	40.63	48.25	54.00	-5.75	AVG

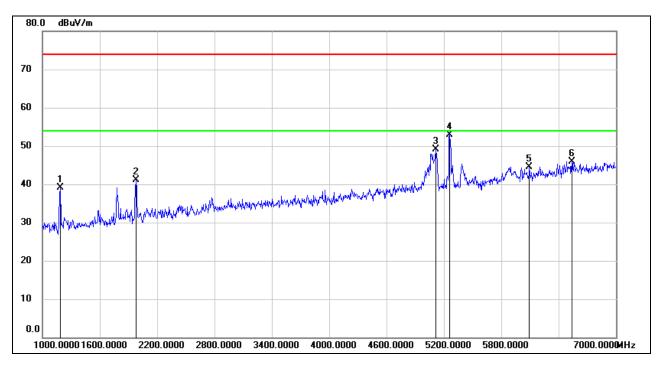
Note: 1. Measurement = Reading Level + Correct Factor.

2. AVG: VBW=1/Ton where: ton is transmit duration.

3. For duty cycle, please refer to clause 7.1.



#### HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL



#### No. Frequency Reading Correct Result Limit Margin Remark (MHz) (dBuV) (dB/m) (dBuV/m) (dBuV/m) (dB) 1186.000 74.00 1 52.77 -13.64 39.13 -34.87 peak 2 1978.000 51.91 -10.85 41.06 74.00 -32.94 peak 3 5116.000 48.77 0.26 49.03 74.00 -24.97 peak 4 5270.000 51.84 0.97 52.81 fundamental 5 6094.000 41.15 3.40 44.55 74.00 -29.45 peak 6538.000 40.08 6 5.75 45.83 74.00 -28.17 peak

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

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

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

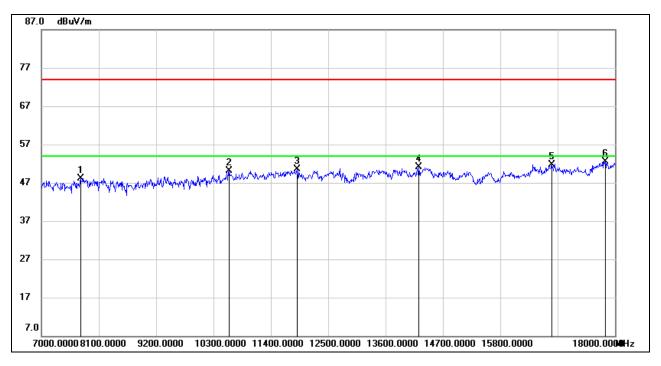
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

#### HORIZONTAL RESULTS <u>1-7GHz</u>

# HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7748.000	39.25	8.93	48.18	74.00	-25.82	peak
2	10597.000	36.67	13.38	50.05	74.00	-23.95	peak
3	11906.000	35.99	14.56	50.55	74.00	-23.45	peak
4	14238.000	34.12	16.91	51.03	74.00	-22.97	peak
5	16790.000	31.22	20.52	51.74	74.00	-22.26	peak
6	17813.000	29.06	23.45	52.51	74.00	-21.49	peak

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

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

3. Peak: Peak detector.

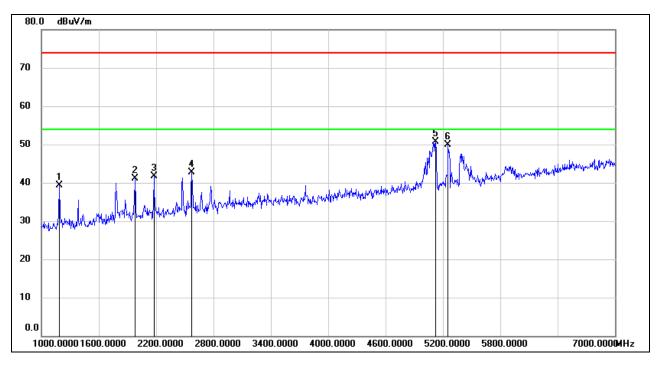
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

# (UL)

# VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	52.87	-13.64	39.23	74.00	-34.77	peak
2	1978.000	51.99	-10.85	41.14	74.00	-32.86	peak
3	2176.000	51.59	-9.90	41.69	74.00	-32.31	peak
4	2572.000	51.15	-8.48	42.67	74.00	-31.33	peak
5	5122.000	50.48	0.31	50.79	74.00	-23.21	peak
6	5270.000	48.89	0.97	49.86	/	/	fundamental

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.

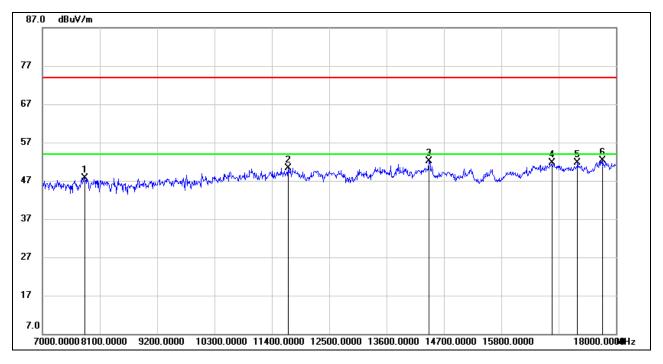
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7814.000	38.16	9.58	47.74	74.00	-26.26	peak
2	11708.000	36.12	14.17	50.29	74.00	-23.71	peak
3	14414.000	35.16	16.98	52.14	74.00	-21.86	peak
4	16768.000	31.19	20.47	51.66	74.00	-22.34	peak
5	17263.000	29.85	21.95	51.80	74.00	-22.20	peak
6	17747.000	29.39	22.99	52.38	74.00	-21.62	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.

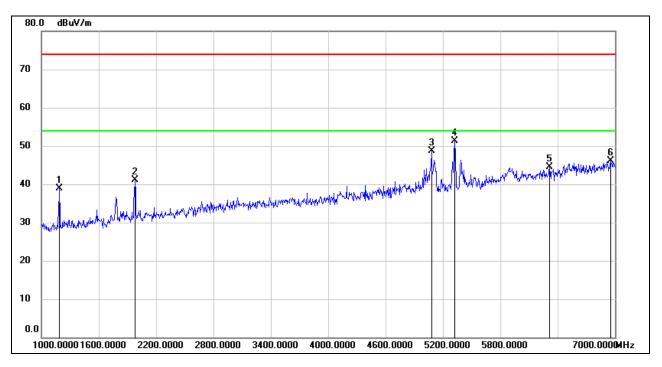
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL



#### No. Frequency Reading Correct Result Limit Margin Remark (MHz) (dBuV) (dB/m) (dBuV/m) (dBuV/m) (dB) 1186.000 52.49 74.00 -35.15 1 -13.64 38.85 peak 2 1978.000 52.01 -10.85 41.16 74.00 -32.84 peak 3 5080.000 48.53 0.10 48.63 74.00 -25.37 peak 4 5310.000 50.36 0.98 51.34 fundamental 1 -29.43 5 6316.000 40.36 4.21 44.57 74.00 peak 6952.000 6 39.79 6.36 46.15 74.00 -27.85 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.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

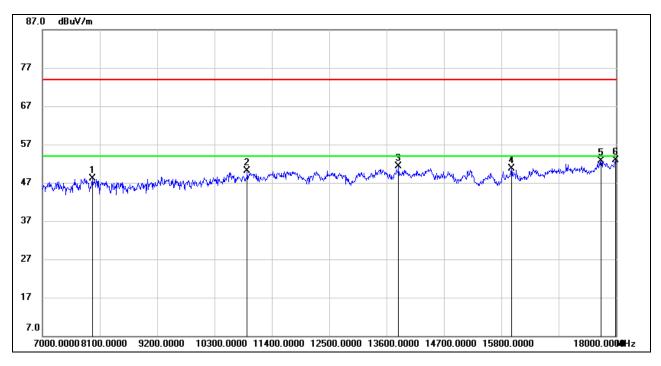
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

#### HORIZONTAL RESULTS <u>1-7GHz</u>

# HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7957.000	39.15	9.04	48.19	74.00	-25.81	peak
2	10927.000	37.07	13.05	50.12	74.00	-23.88	peak
3	13831.000	33.93	17.31	51.24	74.00	-22.76	peak
4	15998.000	33.08	17.72	50.80	74.00	-23.20	peak
5	17714.000	29.98	22.71	52.69	74.00	-21.31	peak
6	17989.000	29.47	23.47	52.94	74.00	-21.06	peak

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

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

3. Peak: Peak detector.

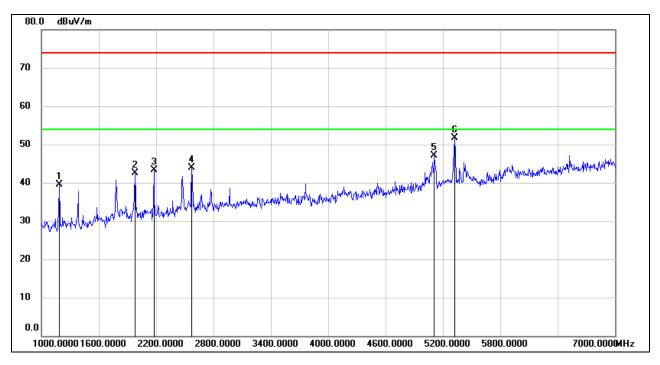
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	53.14	-13.64	39.50	74.00	-34.50	peak
2	1978.000	53.26	-10.85	42.41	74.00	-31.59	peak
3	2176.000	53.15	-9.90	43.25	74.00	-30.75	peak
4	2572.000	52.37	-8.48	43.89	74.00	-30.11	peak
5	5110.000	46.96	0.20	47.16	74.00	-26.84	peak
6	5310.000	50.70	0.98	51.68	/	/	fundamental

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.

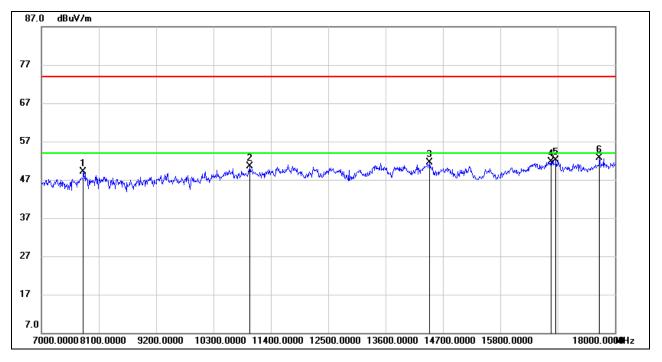
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	39.47	9.63	49.10	74.00	-24.90	peak
2	10993.000	36.96	13.59	50.55	74.00	-23.45	peak
3	14447.000	34.65	16.93	51.58	74.00	-22.42	peak
4	16768.000	31.22	20.47	51.69	74.00	-22.31	peak
5	16867.000	31.57	20.51	52.08	74.00	-21.92	peak
6	17703.000	30.18	22.62	52.80	74.00	-21.20	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.

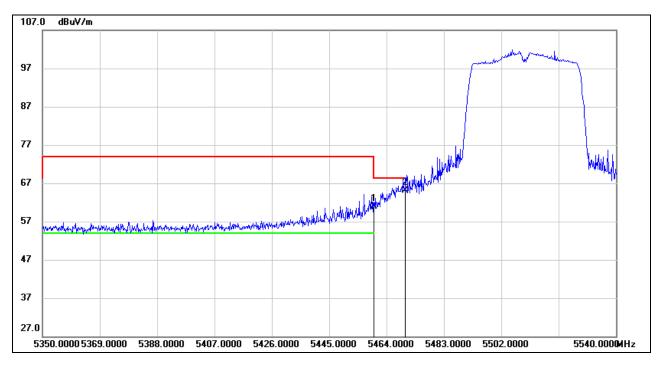
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# 8.3.3. UNII-2C BAND RESTRICTED BANDEDGE LOW CHANNEL



#### HORIZONTAL RESULTS PEAK

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5460.000	19.61	41.28	60.89	68.20	-7.31	peak
2	5470.000	23.68	41.41	65.09	68.20	-3.11	peak

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

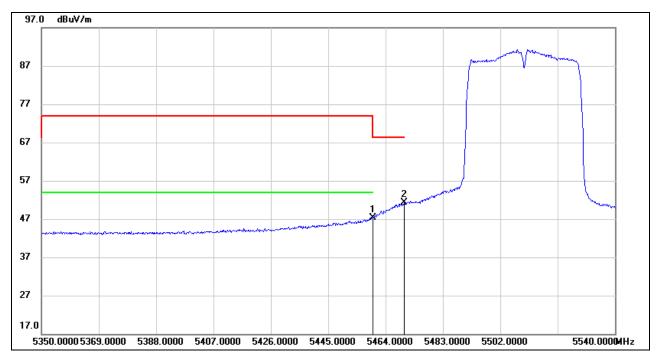
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4.\*indicates frequency out of the restricted bands



<u>AVG</u>



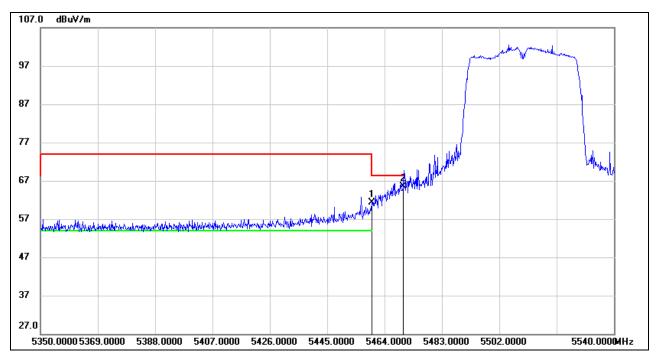
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5460.000	6.08	41.28	47.36	54.00	-6.64	AVG
2	5470.000	9.90	41.41	51.31	68.20	-16.89	AVG

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

2. AVG: VBW=1/Ton where: ton is transmit duration.

3. For duty cycle, please refer to clause 7.1.

# VERTICAL RESULTS PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5460.000	19.94	41.28	61.22	68.20	-6.98	peak
2	5470.000	24.13	41.41	65.54	68.20	-2.66	peak

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

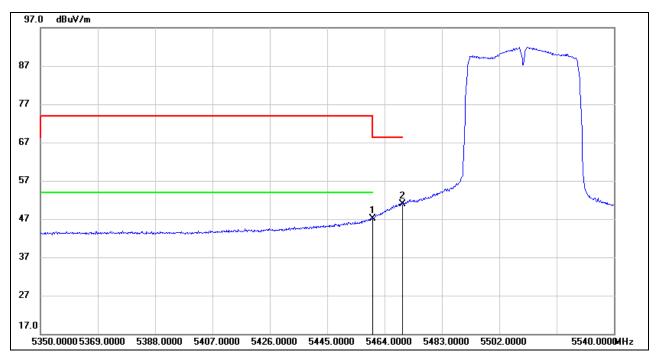
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4.\*indicates frequency out of the restricted bands



<u>AVG</u>



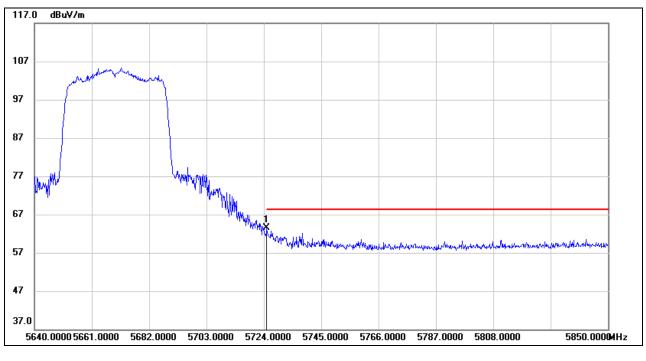
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5460.000	5.74	41.28	47.02	54.00	-6.98	AVG
2	5470.000	9.45	41.41	50.86	68.20	-17.34	AVG

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

2. AVG: VBW=1/Ton where: ton is transmit duration.

3. For duty cycle, please refer to clause 7.1.

# **RESTRICTED BANDEDGE HIGH CHANNEL**



HORIZONTAL RESULTS
PEAK

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5725.000	21.91	41.61	63.52	68.20	-4.68	peak

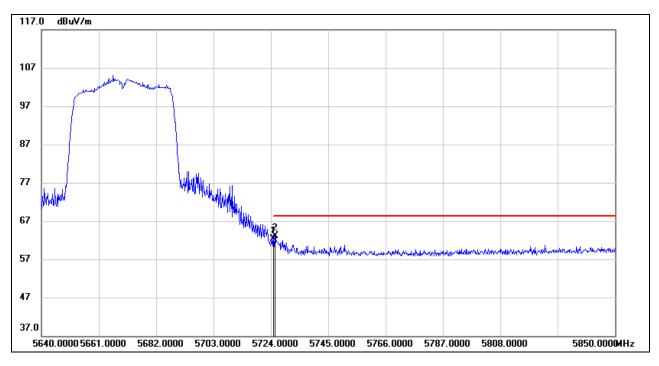
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.

4.\*indicates frequency out of the restricted bands

# VERTICAL RESULTS PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5725.000	20.64	41.61	62.25	68.20	-5.95	peak
2	5725.470	21.58	41.61	63.19	68.20	-5.01	peak

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

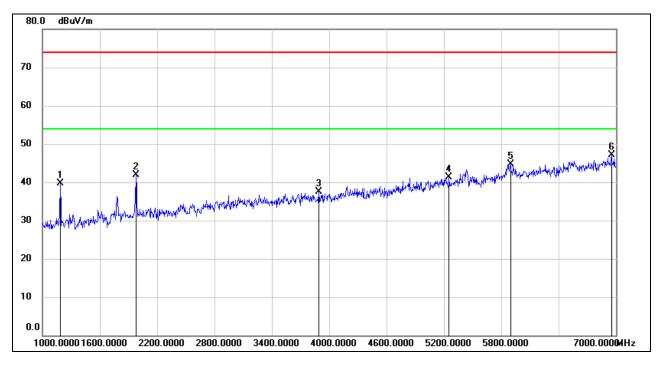
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4.\*indicates frequency out of the restricted bands



#### HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL



#### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	53.36	-13.64	39.72	74.00	-34.28	peak
2	1978.000	52.68	-10.85	41.83	74.00	-32.17	peak
3	3892.000	41.64	-4.18	37.46	74.00	-36.54	peak
4	5254.000	40.33	0.97	41.30	74.00	-32.70	peak
5	5896.000	39.94	4.79	44.73	74.00	-29.27	peak
6	6952.000	40.74	6.36	47.10	74.00	-26.90	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.

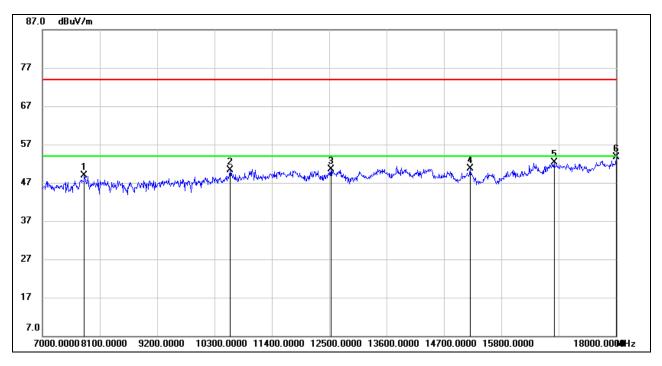
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

# HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	39.24	9.63	48.87	74.00	-25.13	peak
2	10597.000	36.95	13.38	50.33	74.00	-23.67	peak
3	12533.000	35.36	15.20	50.56	74.00	-23.44	peak
4	15206.000	34.60	16.06	50.66	74.00	-23.34	peak
5	16812.000	31.75	20.53	52.28	74.00	-21.72	peak
6	18000.000	30.32	23.48	53.80	74.00	-20.20	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.

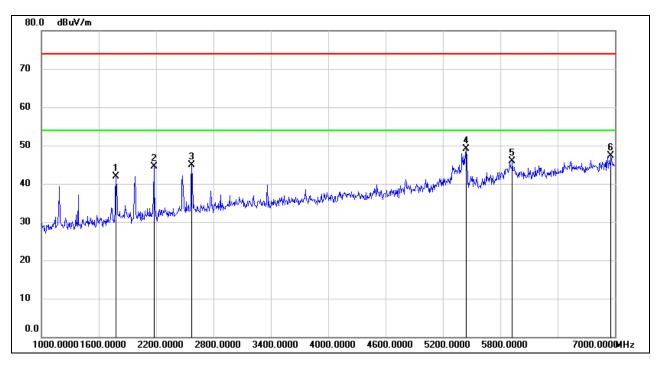
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1780.000	53.01	-11.14	41.87	74.00	-32.13	peak
2	2176.000	54.42	-9.90	44.52	74.00	-29.48	peak
3	2572.000	53.43	-8.48	44.95	74.00	-29.05	peak
4	5440.000	47.74	1.45	49.19	74.00	-24.81	peak
5	5926.000	41.50	4.46	45.96	74.00	-28.04	peak
6	6958.000	40.86	6.36	47.22	74.00	-26.78	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.

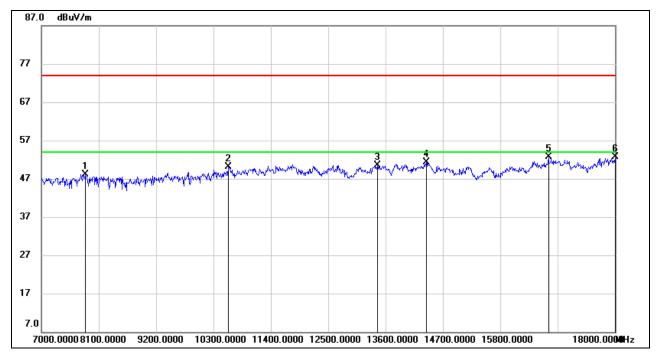
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# <u>7-18GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7836.000	38.64	9.46	48.10	74.00	-25.90	peak
2	10586.000	36.92	13.25	50.17	74.00	-23.83	peak
3	13446.000	34.23	16.35	50.58	74.00	-23.42	peak
4	14381.000	34.25	16.97	51.22	74.00	-22.78	peak
5	16724.000	32.33	20.40	52.73	74.00	-21.27	peak
6	18000.000	29.19	23.48	52.67	74.00	-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.

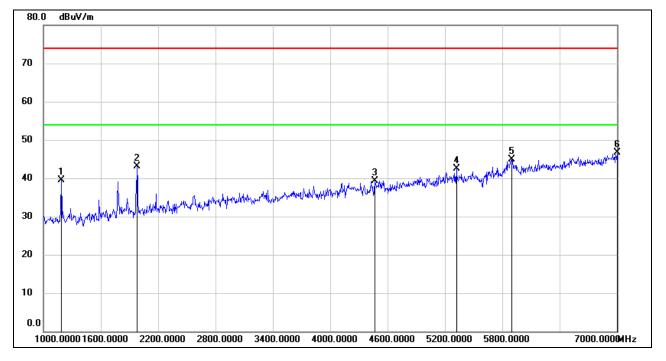
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL



#### HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	53.12	-13.64	39.48	74.00	-34.52	peak
2	1978.000	53.90	-10.85	43.05	74.00	-30.95	peak
3	4468.000	41.61	-2.39	39.22	74.00	-34.78	peak
4	5312.000	41.50	0.98	42.48	74.00	-31.52	peak
5	5896.000	40.09	4.79	44.88	74.00	-29.12	peak
6	7000.000	40.32	6.42	46.74	74.00	-27.26	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.

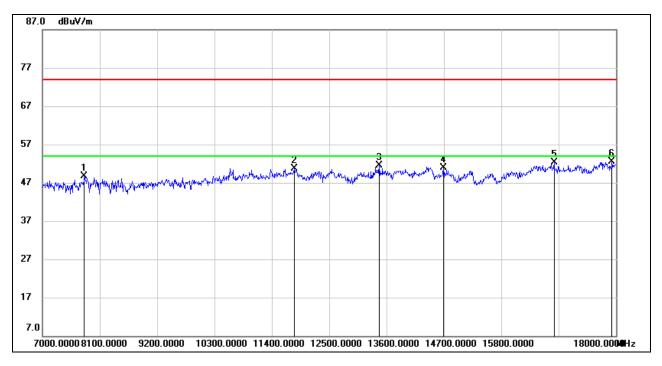
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands

# HORIZONTAL RESULTS 7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7803.000	38.98	9.63	48.61	74.00	-25.39	peak
2	11829.000	36.25	14.42	50.67	74.00	-23.33	peak
3	13457.000	35.18	16.32	51.50	74.00	-22.50	peak
4	14689.000	34.50	16.34	50.84	74.00	-23.16	peak
5	16812.000	31.87	20.53	52.40	74.00	-21.60	peak
6	17923.000	29.18	23.40	52.58	74.00	-21.42	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.

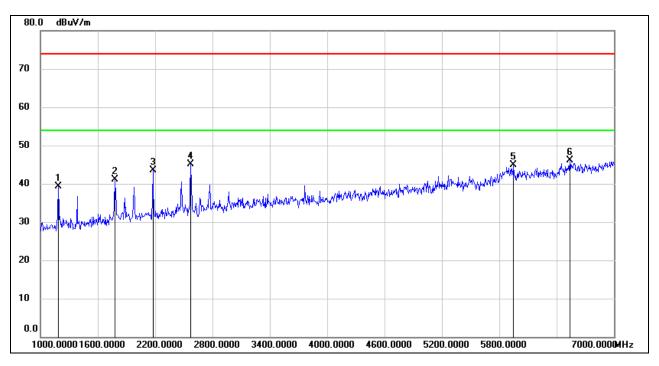
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



# VERTICAL RESULTS <u>1-7GHz</u>



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	53.00	-13.64	39.36	74.00	-34.64	peak
2	1780.000	52.28	-11.14	41.14	74.00	-32.86	peak
3	2176.000	53.37	-9.90	43.47	74.00	-30.53	peak
4	2572.000	53.57	-8.48	45.09	74.00	-28.91	peak
5	5950.000	40.73	4.08	44.81	74.00	-29.19	peak
6	6538.000	40.29	5.75	46.04	74.00	-27.96	peak

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

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

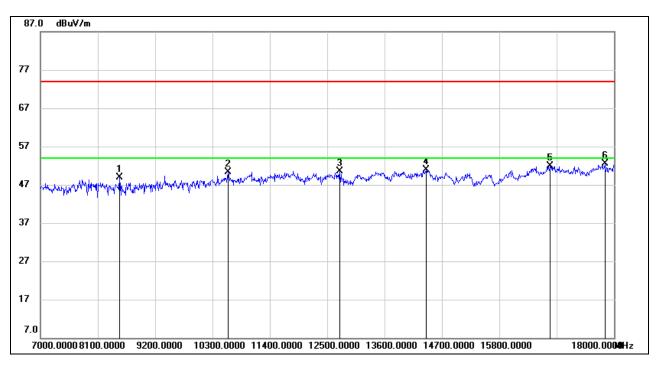
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands





No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8518.000	39.74	9.21	48.95	74.00	-25.05	peak
2	10597.000	36.93	13.38	50.31	74.00	-23.69	peak
3	12742.000	35.11	15.48	50.59	74.00	-23.41	peak
4	14403.000	33.87	17.01	50.88	74.00	-23.12	peak
5	16779.000	31.34	20.49	51.83	74.00	-22.17	peak
6	17824.000	29.15	23.45	52.60	74.00	-21.40	peak

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

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

3. Peak: Peak detector.

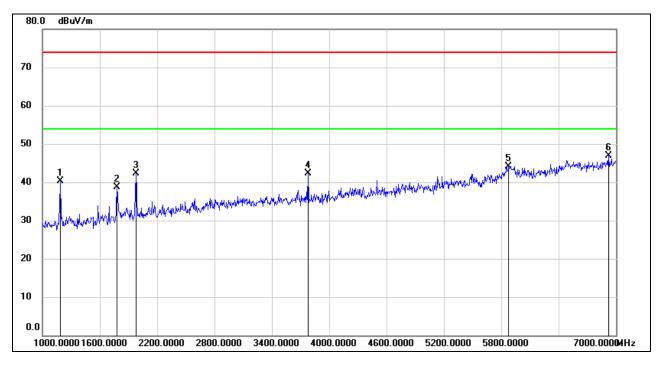
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands



#### HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL



## HORIZONTAL RESULTS <u>1-7GHz</u>

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1186.000	54.02	-13.64	40.38	74.00	-33.62	peak
2	1780.000	49.94	-11.14	38.80	74.00	-35.20	peak
3	1978.000	53.09	-10.85	42.24	74.00	-31.76	peak
4	3778.000	46.43	-4.18	42.25	74.00	-31.75	peak
5	5878.000	39.61	4.43	44.04	74.00	-29.96	peak
6	6922.000	40.52	6.32	46.84	74.00	-27.16	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Owing to the highest peak level of unwanted emission out of the restricted bands