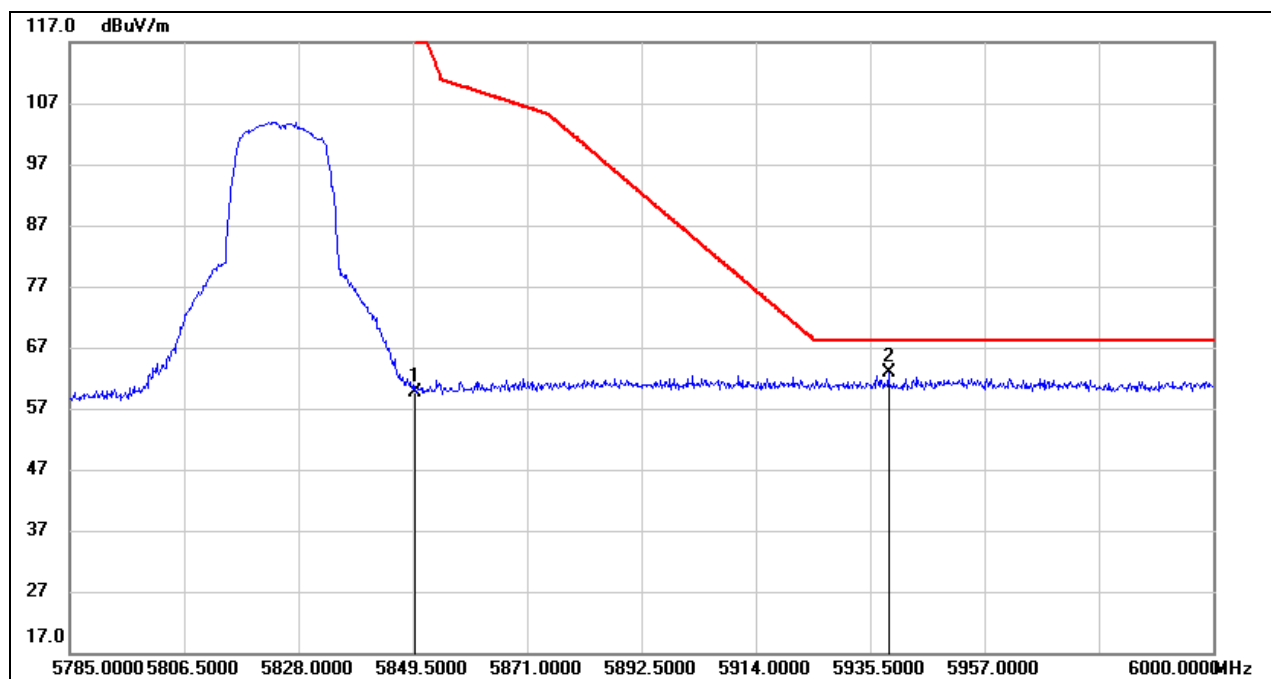




VERTICAL RESULTS



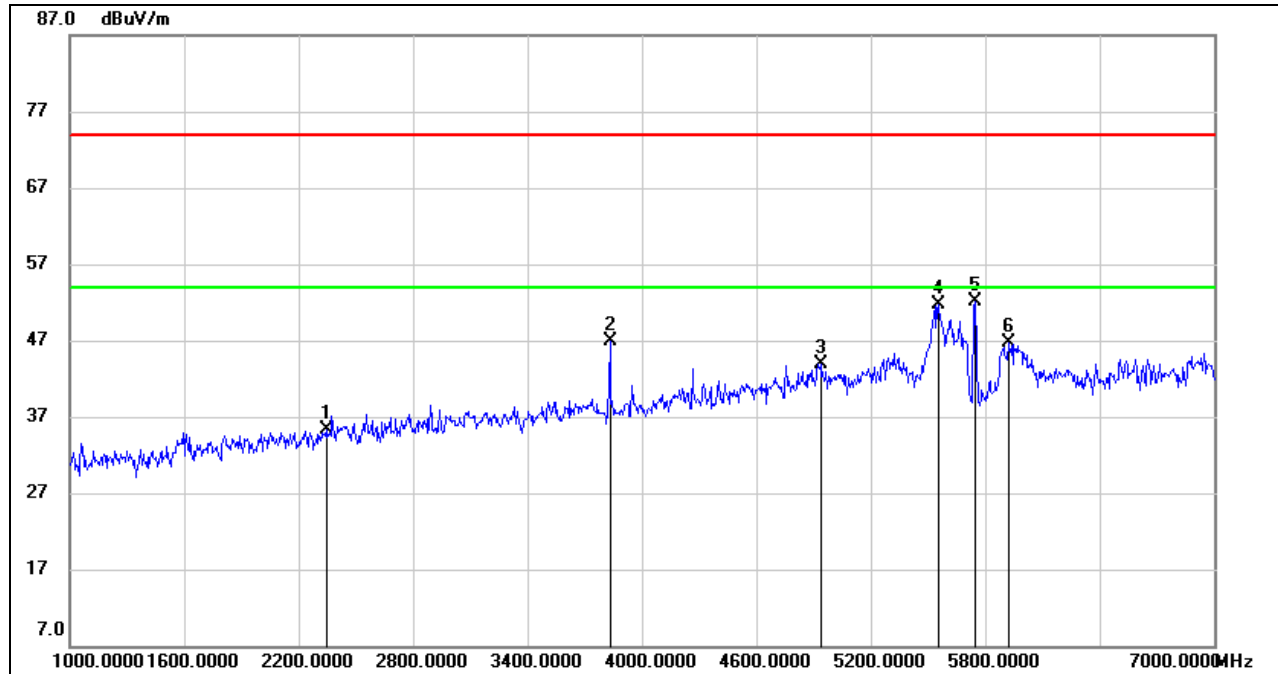
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	16.73	42.89	59.62	122.20	-62.58	peak
2	5938.940	19.76	43.19	62.95	68.20	-5.25	peak

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



HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

HORIZONTAL RESULTS 1-7GHz

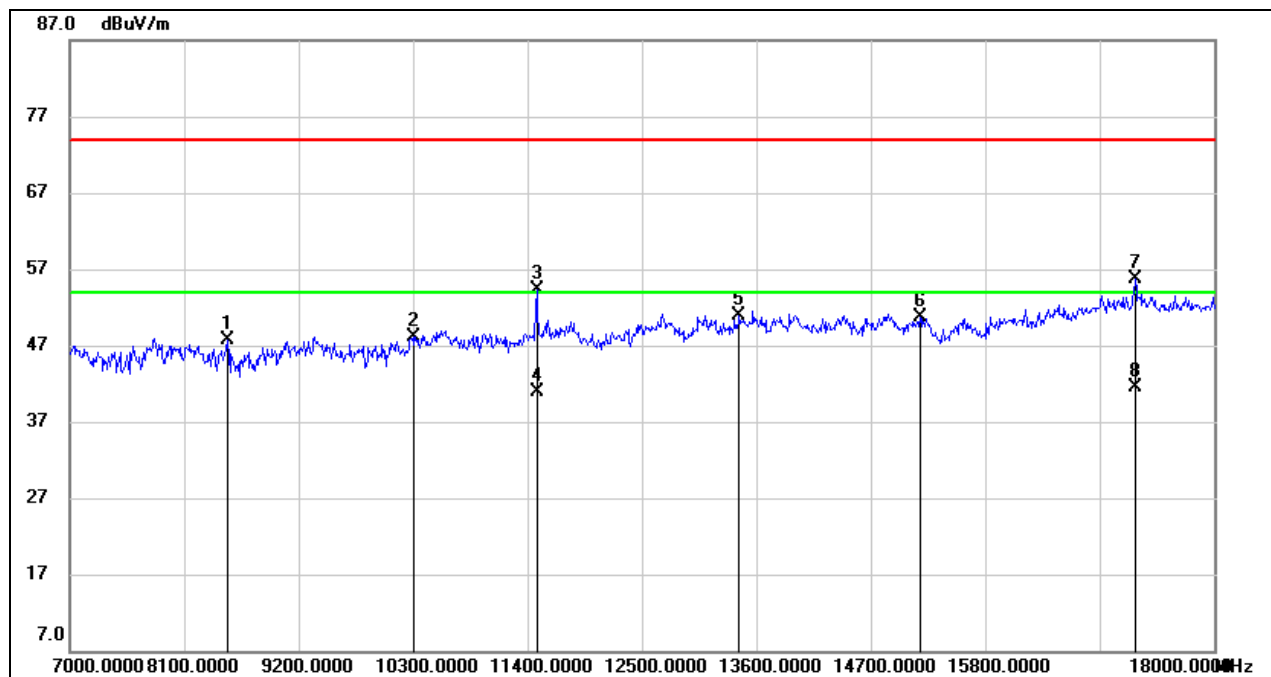


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2344.000	43.42	-8.03	35.39	74.00	-38.61	peak
2	3832.000	49.79	-2.79	47.00	74.00	-27.00	peak
3	4936.000	41.32	2.53	43.85	74.00	-30.15	peak
4	5554.000	47.96	3.82	51.78	74.00	-22.22	peak
5	5746.000	48.27	3.76	52.03	74.00	-21.97	peak
6	5920.000	41.57	5.23	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 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

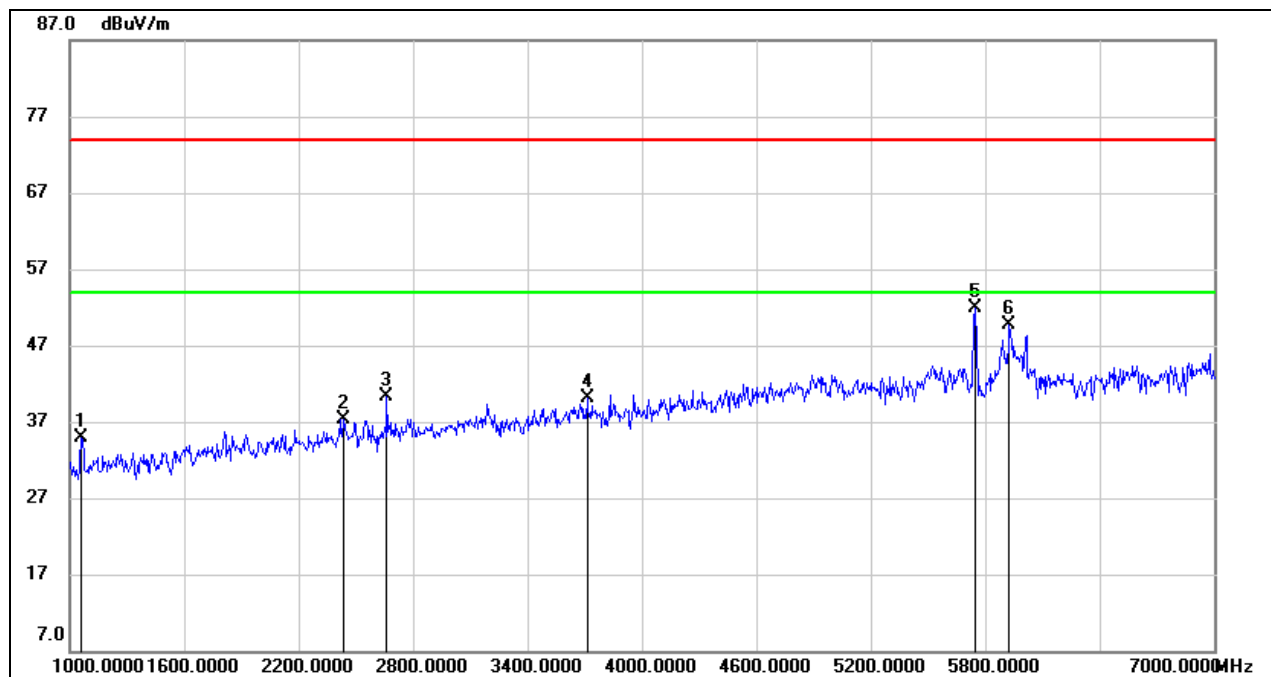


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8518.000	39.80	7.85	47.65	74.00	-26.35	peak
2	10300.000	36.83	11.30	48.13	74.00	-25.87	peak
3	11493.873	40.88	13.33	54.21	74.00	-19.79	peak
4	11493.873	27.58	13.33	40.91	54.00	-13.09	AVG
5	13435.000	34.78	16.08	50.86	74.00	-23.14	peak
6	15173.000	34.50	16.12	50.62	74.00	-23.38	peak
7	17230.548	34.33	21.41	55.74	74.00	-18.26	peak
8	17230.548	20.19	21.41	41.60	54.00	-12.40	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For transmit duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. 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
1-7GHz

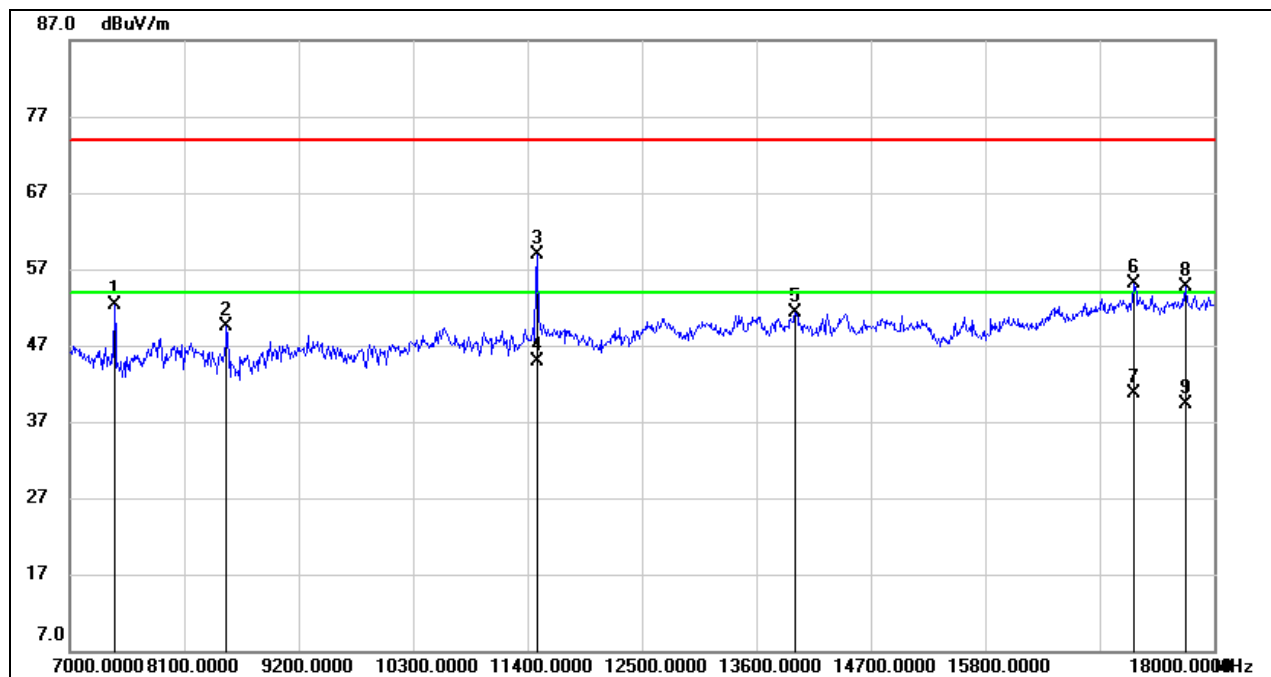


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1060.000	48.47	-13.53	34.94	74.00	-39.06	peak
2	2434.000	44.72	-7.49	37.23	74.00	-36.77	peak
3	2662.000	47.22	-6.96	40.26	74.00	-33.74	peak
4	3712.000	42.24	-2.12	40.12	74.00	-33.88	peak
5	5746.000	48.12	3.76	51.88	74.00	-22.12	peak
6	5926.000	44.60	5.16	49.76	74.00	-24.24	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 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.



VERTICAL RESULTS
7-18GHz



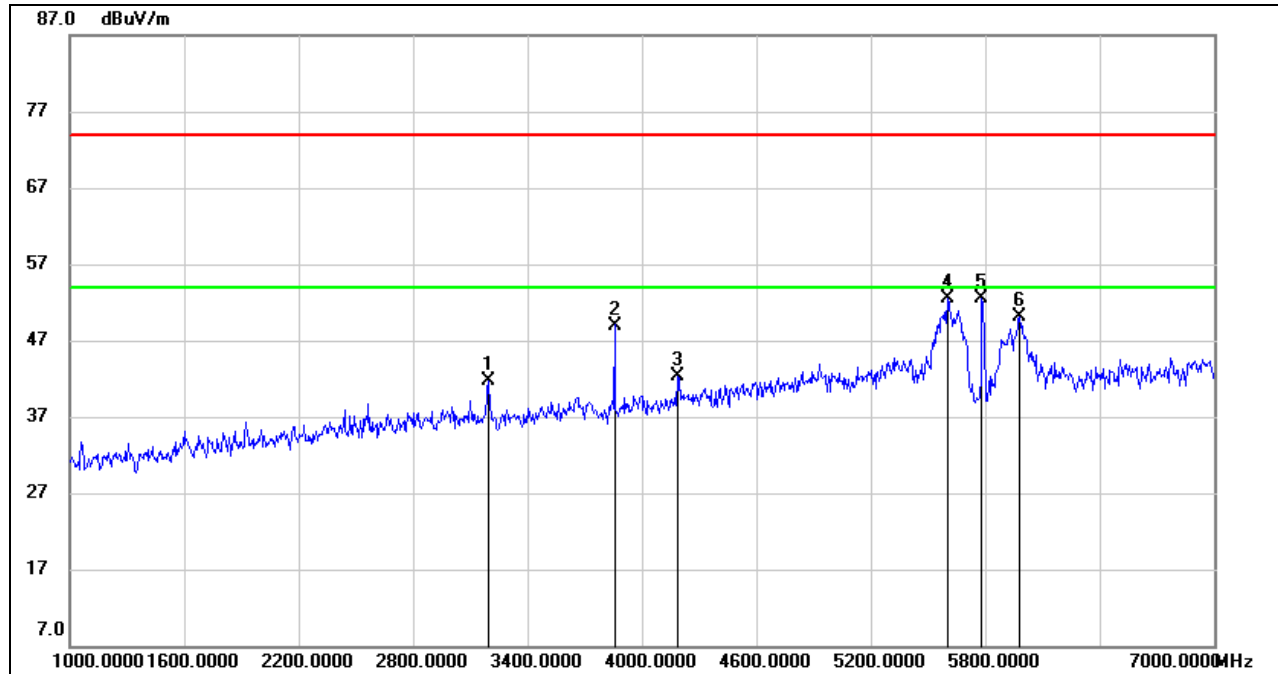
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7429.000	45.32	6.95	52.27	74.00	-21.73	peak
2	8507.000	41.71	7.89	49.60	74.00	-24.40	peak
3	11492.900	45.68	13.31	58.99	74.00	-15.01	peak
4	11492.900	31.61	13.31	44.92	54.00	-9.08	AVG
5	13974.000	35.07	16.16	51.23	74.00	-22.77	peak
6	17231.599	33.76	21.43	55.19	74.00	-18.81	peak
7	17231.599	19.23	21.43	40.66	54.00	-13.34	AVG
8	17725.000	31.95	22.72	54.67	74.00	-19.33	peak
9	17725.000	16.64	22.72	39.36	54.00	-14.64	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For transmit duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. 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.



HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

HORIZONTAL RESULTS 1-7GHz

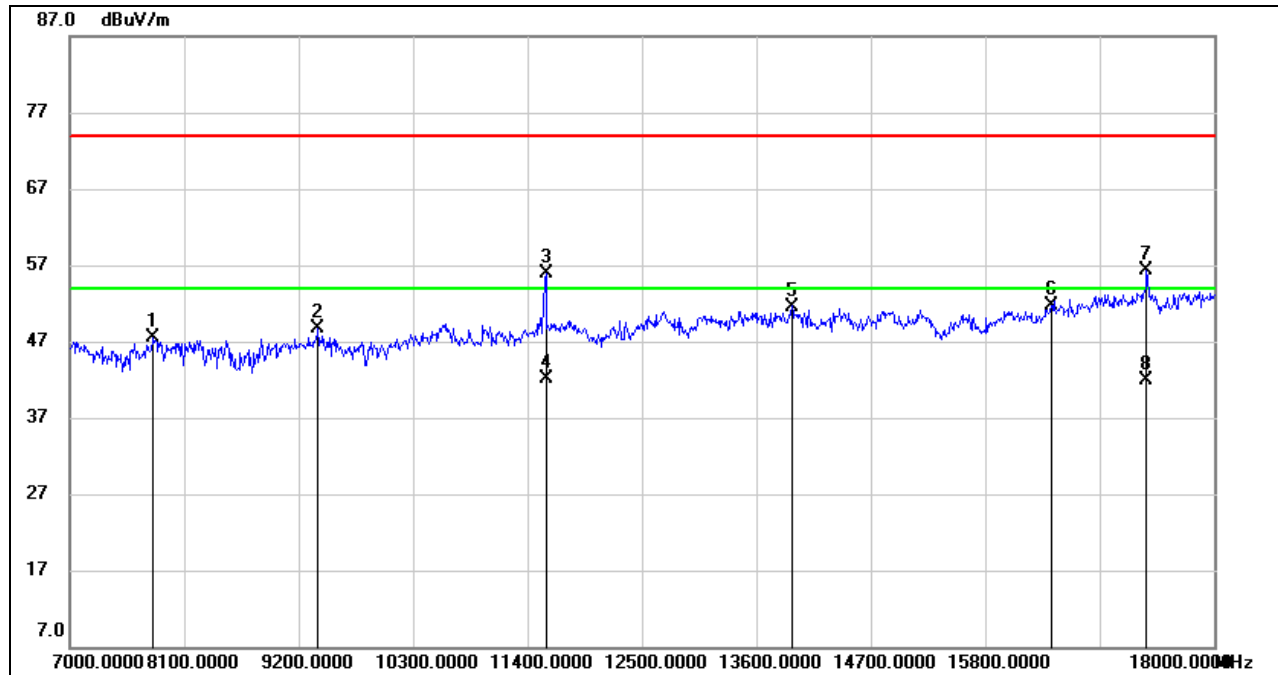


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3196.000	46.43	-4.73	41.70	74.00	-32.30	peak
2	3856.000	51.68	-2.68	49.00	74.00	-25.00	peak
3	4186.000	43.30	-1.02	42.28	74.00	-31.72	peak
4	5602.000	49.23	3.31	52.54	74.00	-21.46	peak
5	5782.000	48.80	3.67	52.47	74.00	-21.53	peak
6	5980.000	45.49	4.61	50.10	74.00	-23.90	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

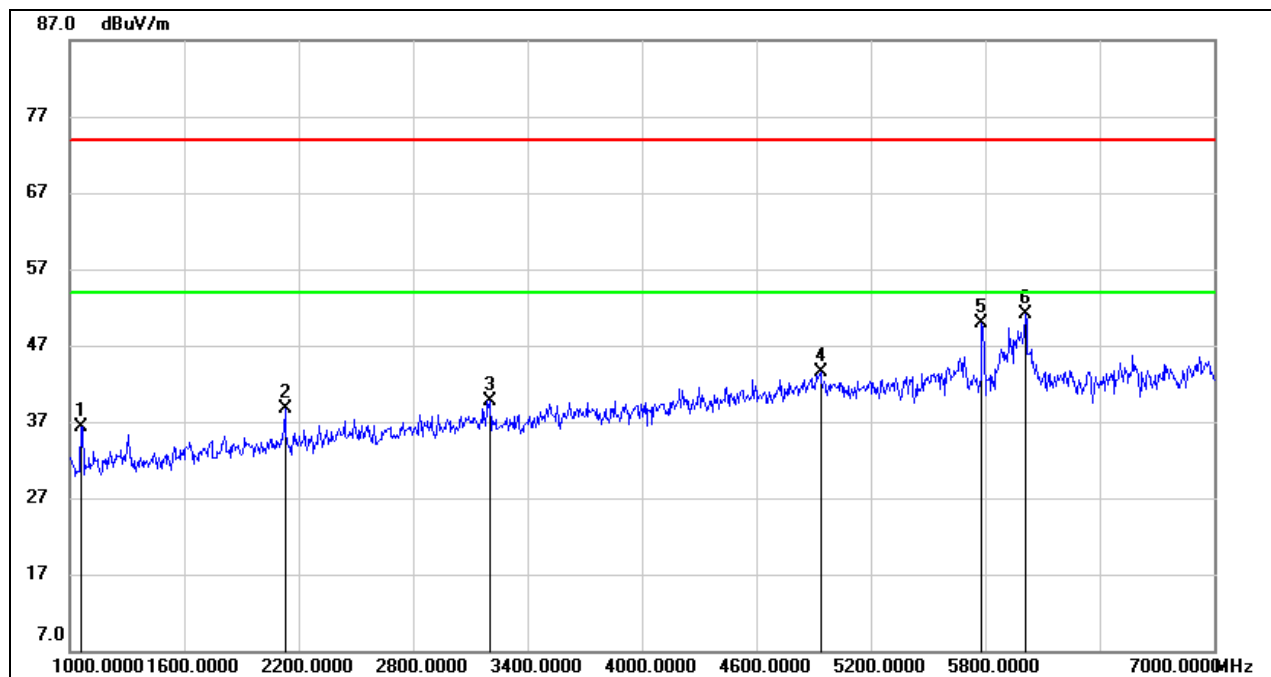


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7803.000	39.39	8.15	47.54	74.00	-26.46	peak
2	9387.000	38.79	9.86	48.65	74.00	-25.35	peak
3	11567.990	42.47	13.49	55.96	74.00	-18.04	peak
4	11567.990	28.71	13.49	42.20	54.00	-11.80	AVG
5	13941.000	35.44	16.16	51.60	74.00	-22.40	peak
6	16438.000	32.25	19.41	51.66	74.00	-22.34	peak
7	17359.142	34.55	21.68	56.23	74.00	-17.77	peak
8	17359.142	20.16	21.68	41.84	54.00	-12.16	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For transmit duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. 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
1-7GHz

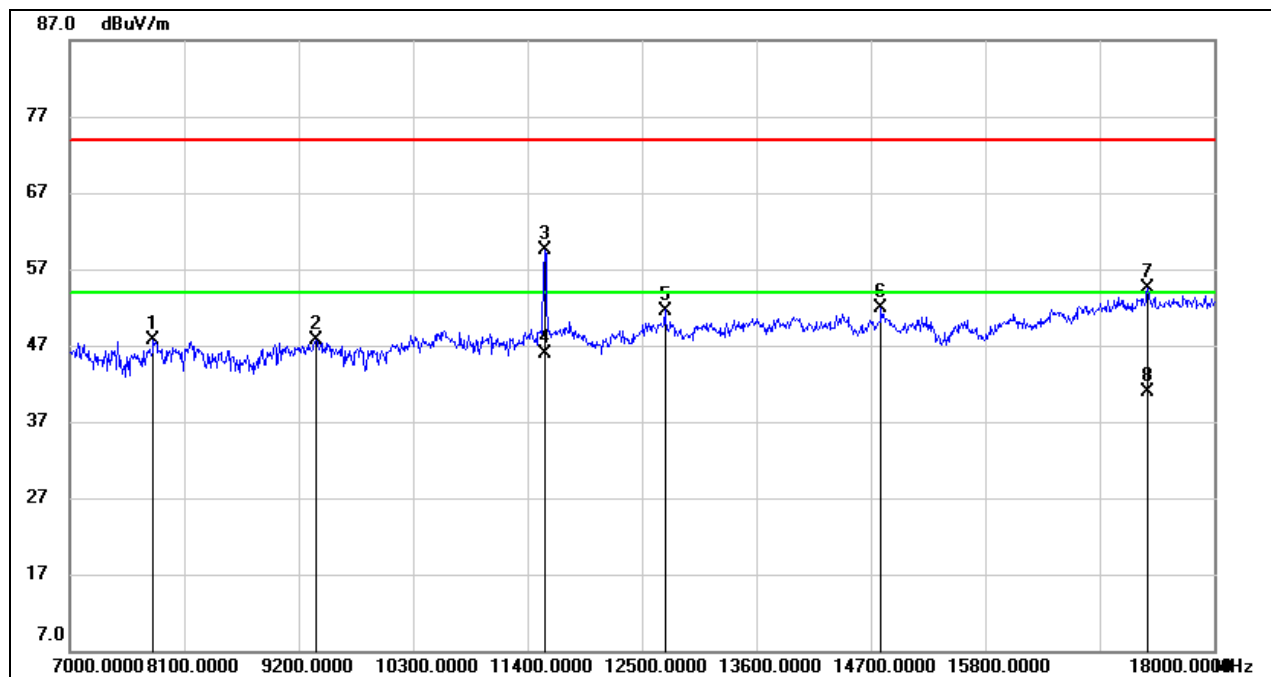


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1060.000	49.83	-13.53	36.30	74.00	-37.70	peak
2	2128.000	47.83	-9.08	38.75	74.00	-35.25	peak
3	3202.000	44.47	-4.74	39.73	74.00	-34.27	peak
4	4936.000	40.88	2.53	43.41	74.00	-30.59	peak
5	5782.000	46.16	3.67	49.83	74.00	-24.17	peak
6	6010.000	46.72	4.36	51.08	74.00	-22.92	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.

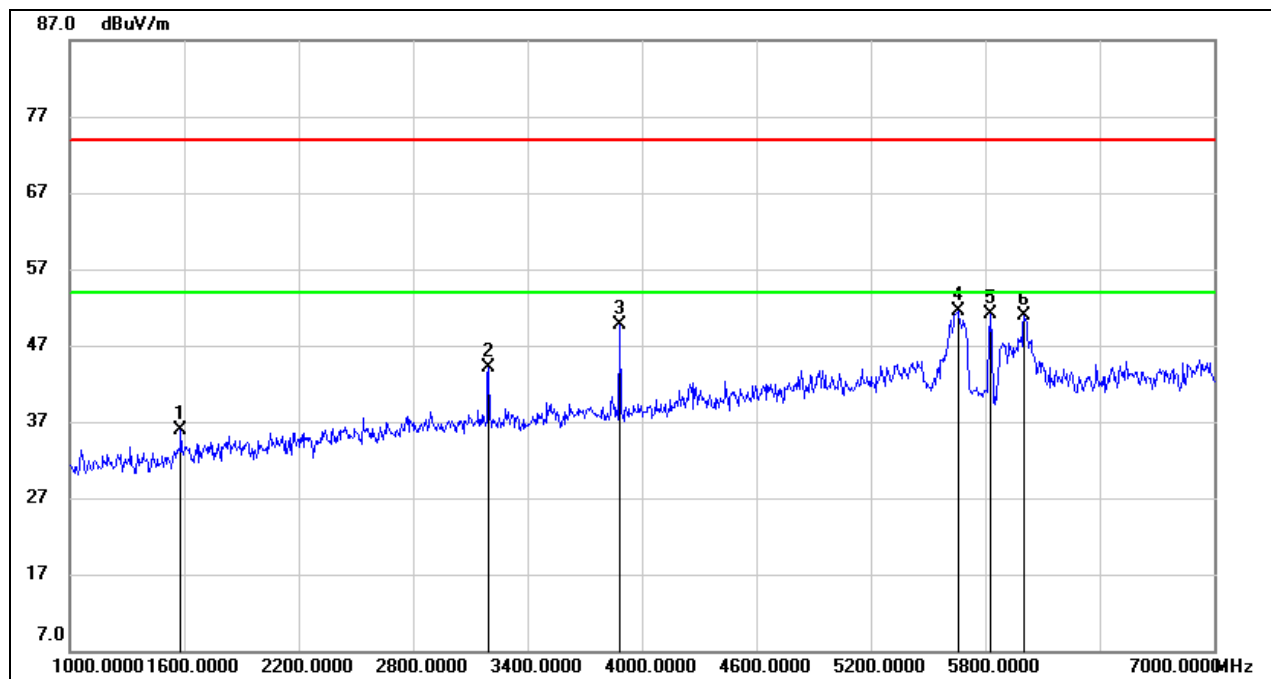


VERTICAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7803.000	39.63	8.15	47.78	74.00	-26.22	peak
2	9365.000	37.96	9.72	47.68	74.00	-26.32	peak
3	11567.970	46.10	13.49	59.59	74.00	-14.41	peak
4	11567.970	32.47	13.49	45.96	54.00	-8.04	AVG
5	12720.000	36.81	14.79	51.60	74.00	-22.40	peak
6	14799.000	35.80	16.06	51.86	74.00	-22.14	peak
7	17352.927	32.87	21.70	54.57	74.00	-19.43	peak
8	17352.927	19.26	21.70	40.96	54.00	-13.04	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For transmit duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. 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.

**HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL****HORIZONTAL RESULTS****1-7GHz**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1582.000	47.25	-11.28	35.97	74.00	-38.03	peak
2	3196.000	48.88	-4.73	44.15	74.00	-29.85	peak
3	3886.000	52.34	-2.56	49.78	74.00	-24.22	peak
4	5656.000	47.95	3.62	51.57	74.00	-22.43	peak
5	5830.000	46.89	4.18	51.07	74.00	-22.93	peak
6	6004.000	46.50	4.39	50.89	74.00	-23.11	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.

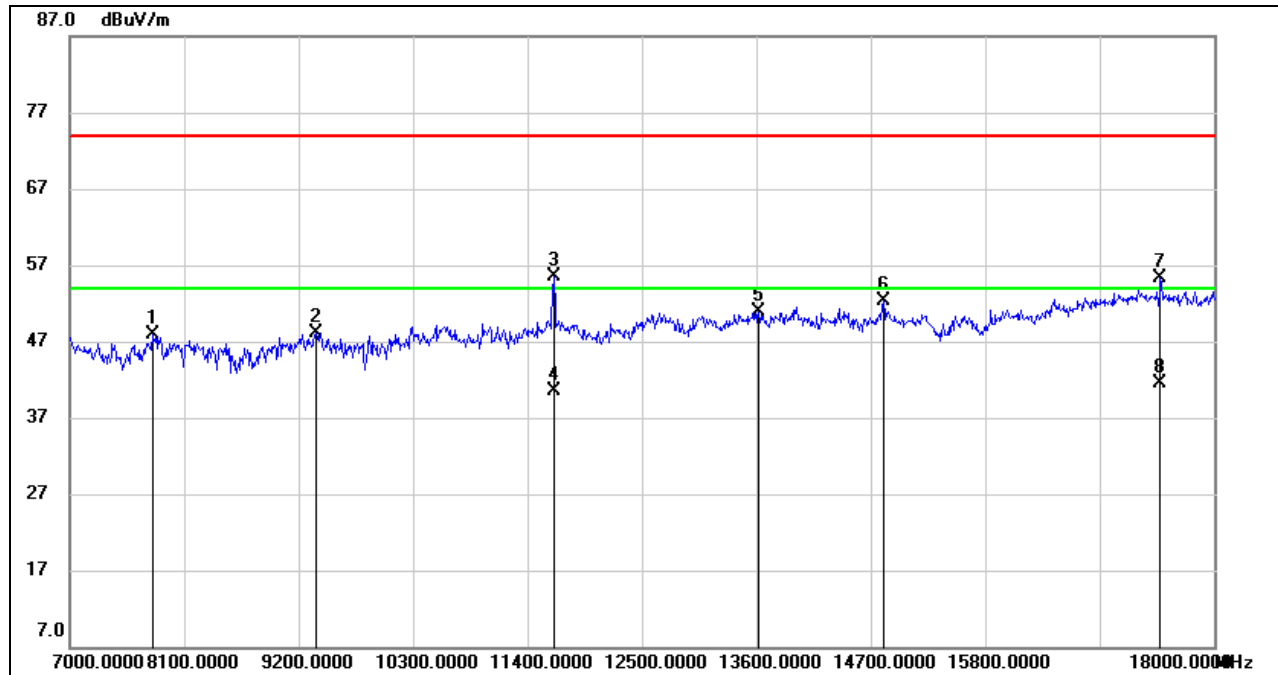
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

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



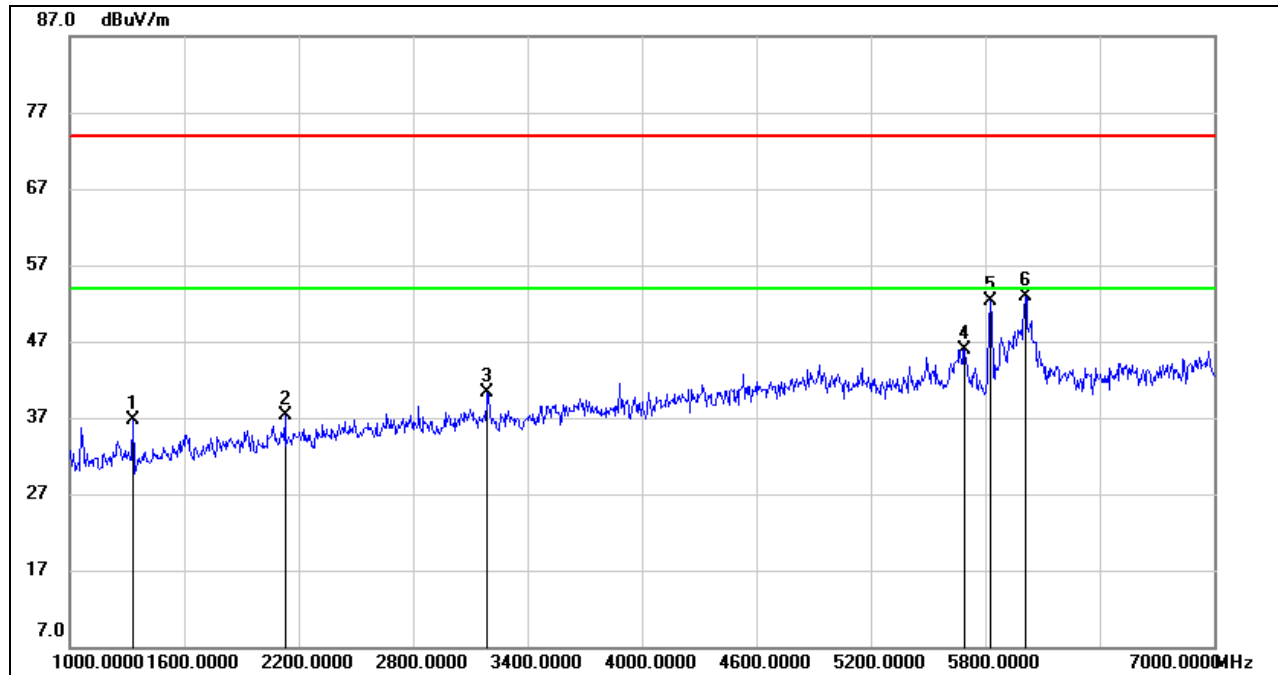
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7792.000	39.78	8.07	47.85	74.00	-26.15	peak
2	9365.000	38.46	9.72	48.18	74.00	-25.82	peak
3	11652.670	42.23	13.28	55.51	74.00	-18.49	peak
4	11652.670	27.15	13.28	40.43	54.00	-13.57	AVG
5	13622.000	34.74	16.08	50.82	74.00	-23.18	peak
6	14821.000	36.12	16.09	52.21	74.00	-21.79	peak
7	17477.760	33.76	21.45	55.21	74.00	-18.79	peak
8	17477.760	20.04	21.45	41.49	54.00	-12.51	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For transmit duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. 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

1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1330.000	49.10	-12.31	36.79	74.00	-37.21	peak
2	2128.000	46.36	-9.08	37.28	74.00	-36.72	peak
3	3190.000	45.06	-4.71	40.35	74.00	-33.65	peak
4	5692.000	42.14	3.83	45.97	74.00	-28.03	peak
5	5830.000	48.14	4.18	52.32	74.00	-21.68	peak
6	6010.000	48.45	4.36	52.81	74.00	-21.19	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.

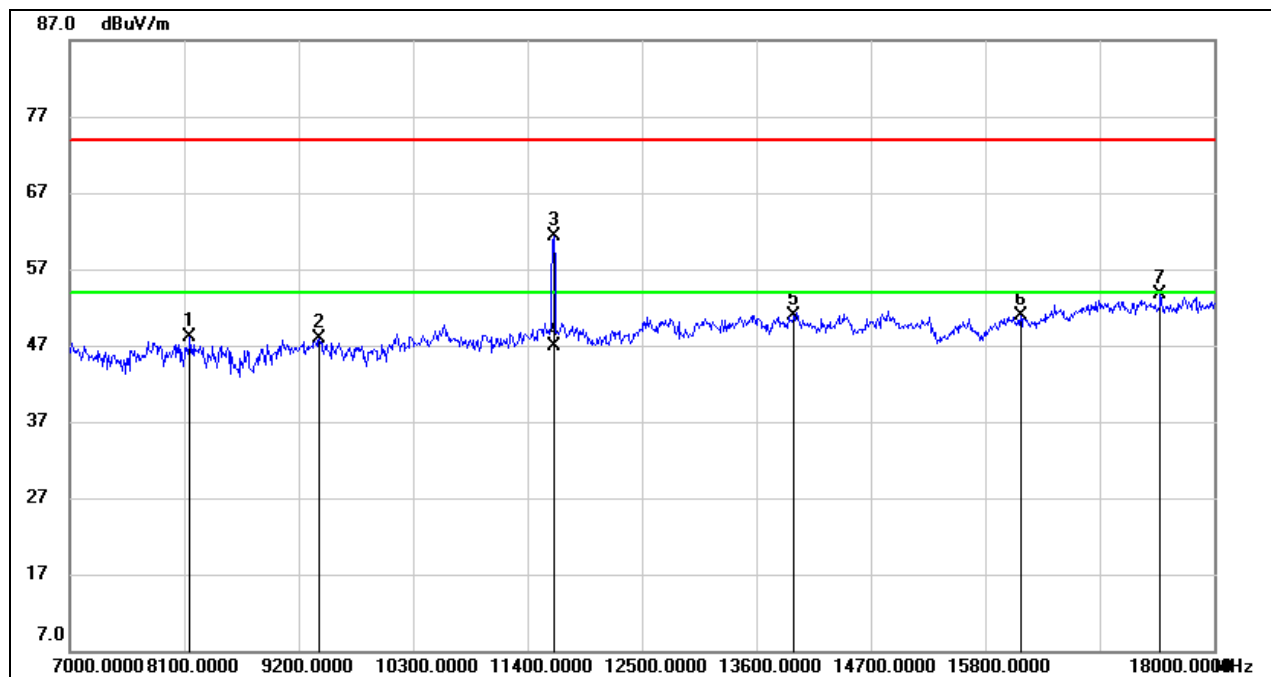
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

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.



VERTICAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8155.000	39.54	8.52	48.06	74.00	-25.94	peak
2	9398.000	38.03	9.93	47.96	74.00	-26.04	peak
3	11650.000	47.96	13.30	61.26	74.00	-12.74	peak
4	11650.000	33.63	13.30	46.93	54.00	-7.07	AVG
5	13963.000	34.81	16.16	50.97	74.00	-23.03	peak
6	16141.000	32.35	18.47	50.82	74.00	-23.18	peak
7	17483.000	32.32	21.45	53.77	74.00	-20.23	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For transmit duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. 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.

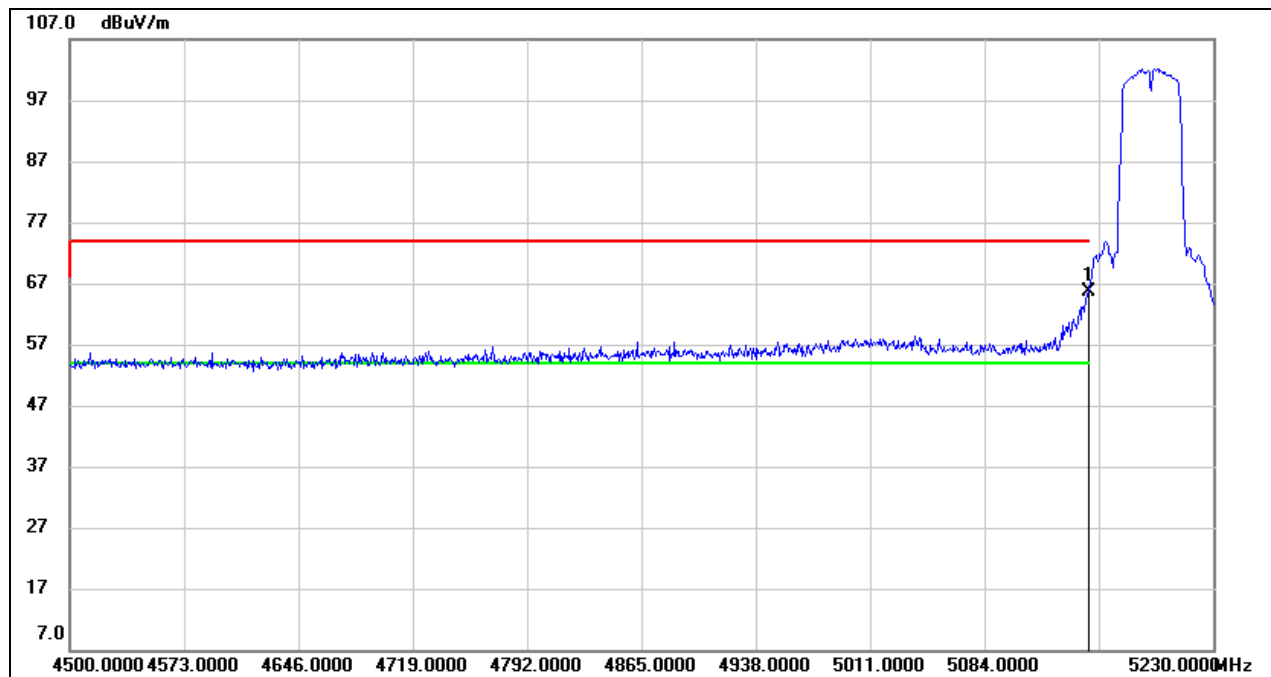


8.3. 802.11n HT40 MODE

8.3.1. UNII-1 BAND

RESTRICTED BANDEDGE LOW CHANNEL

HORIZONTAL RESULTS PEAK

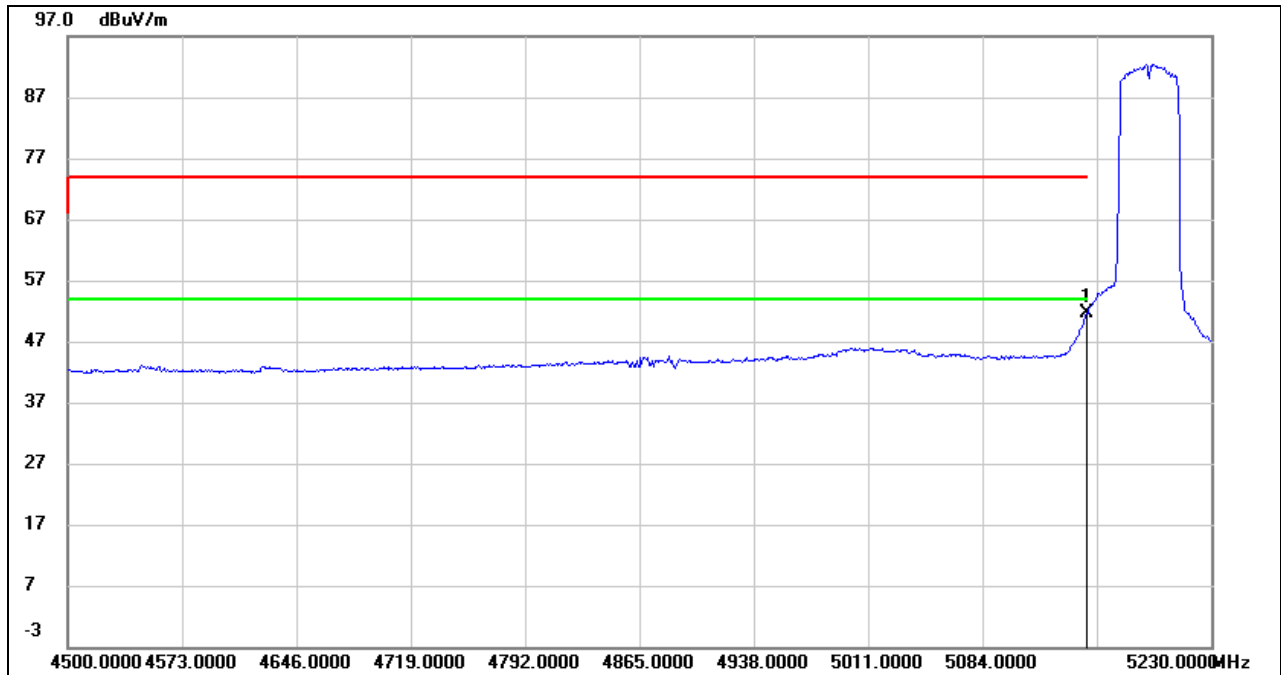


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	25.26	40.46	65.72	74.00	-8.28	peak

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. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.



AVG

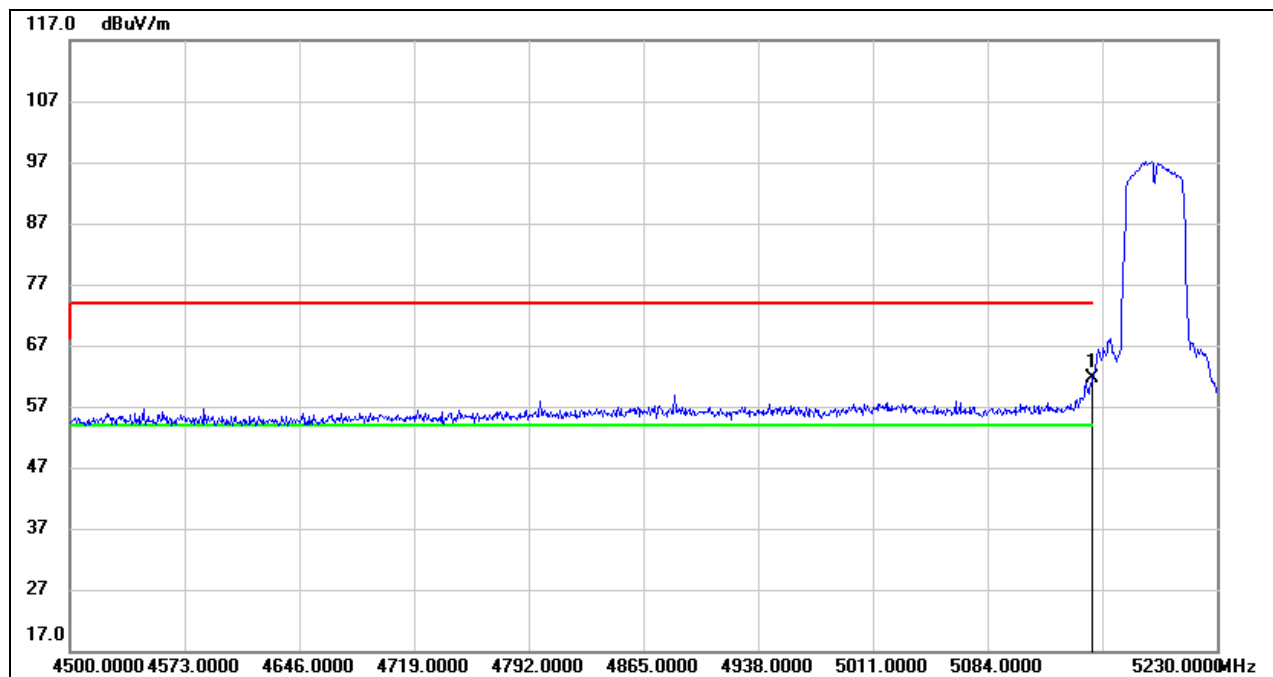


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	11.05	40.46	51.51	54.00	-2.49	AVG

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.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.



VERTICAL RESULTS
PEAK

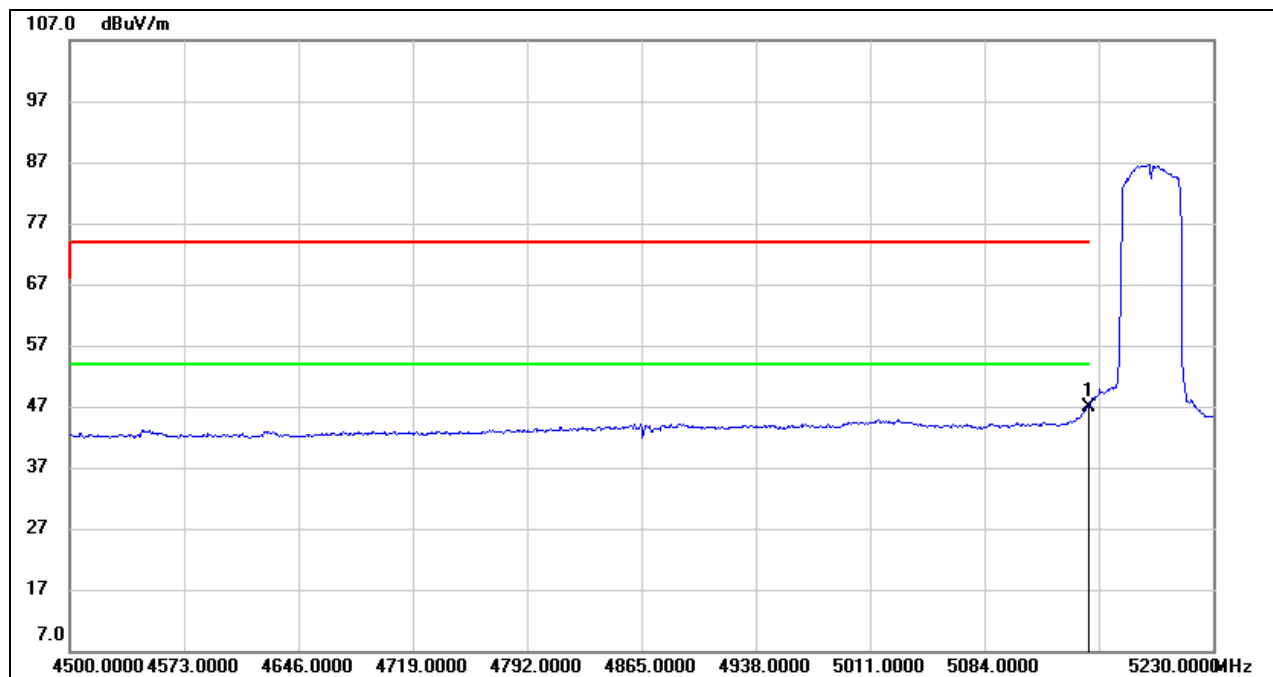


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	21.19	40.46	61.65	74.00	-12.35	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

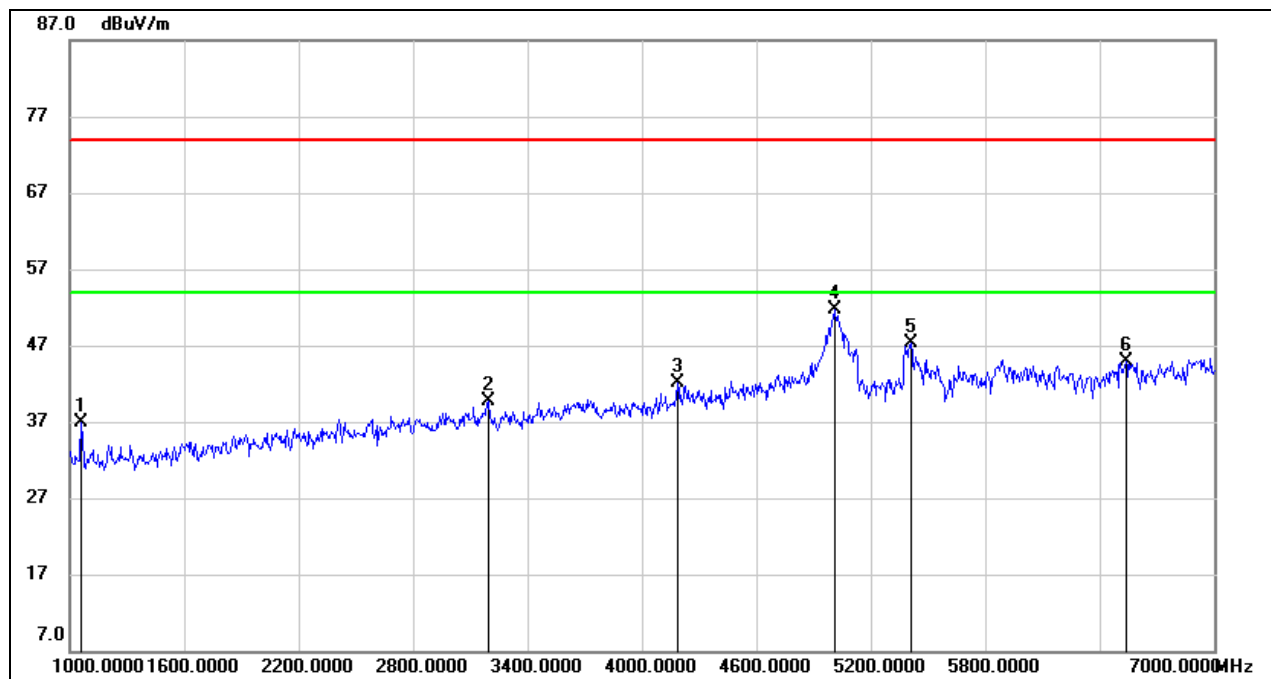


AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	6.50	40.46	46.96	54.00	-7.04	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.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

**HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL****HORIZONTAL RESULTS****1-7GHz**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1060.000	50.36	-13.53	36.83	74.00	-37.17	peak
2	3196.000	44.47	-4.73	39.74	74.00	-34.26	peak
3	4186.000	43.07	-1.02	42.05	74.00	-31.95	peak
4	5008.000	48.91	2.71	51.62	74.00	-22.38	peak
5	5410.000	44.12	3.19	47.31	74.00	-26.69	peak
6	6538.000	38.02	6.86	44.88	74.00	-29.12	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.

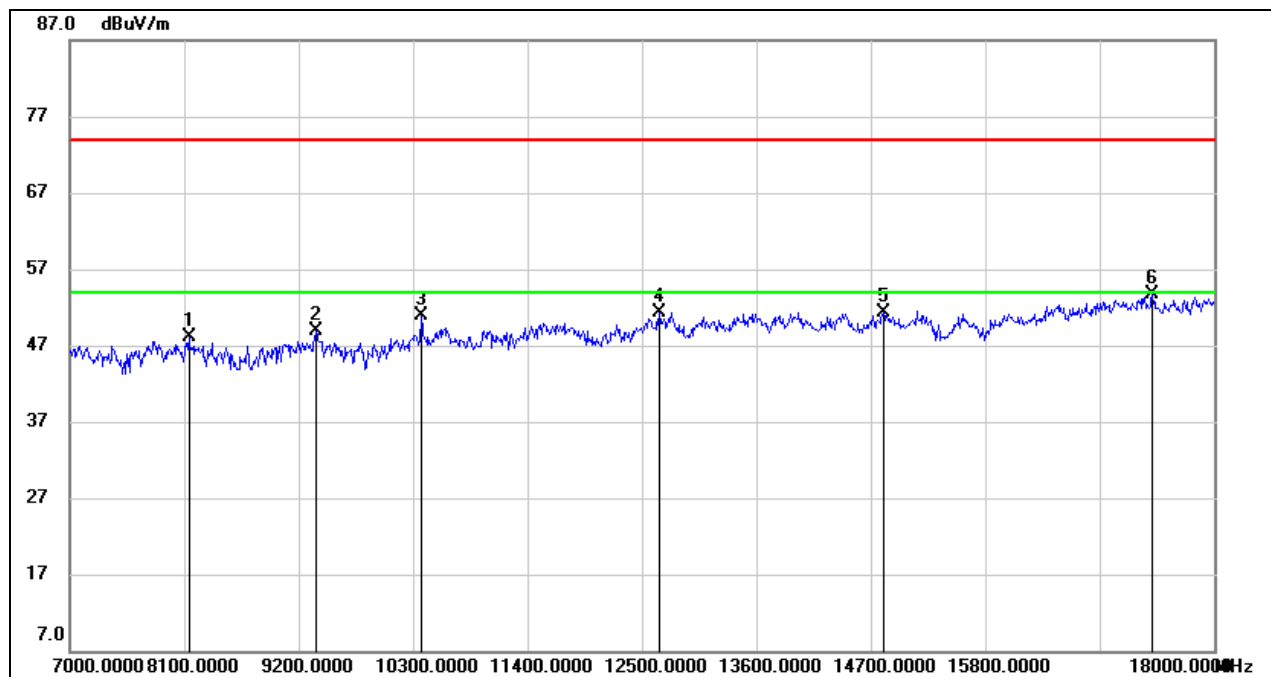
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

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 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

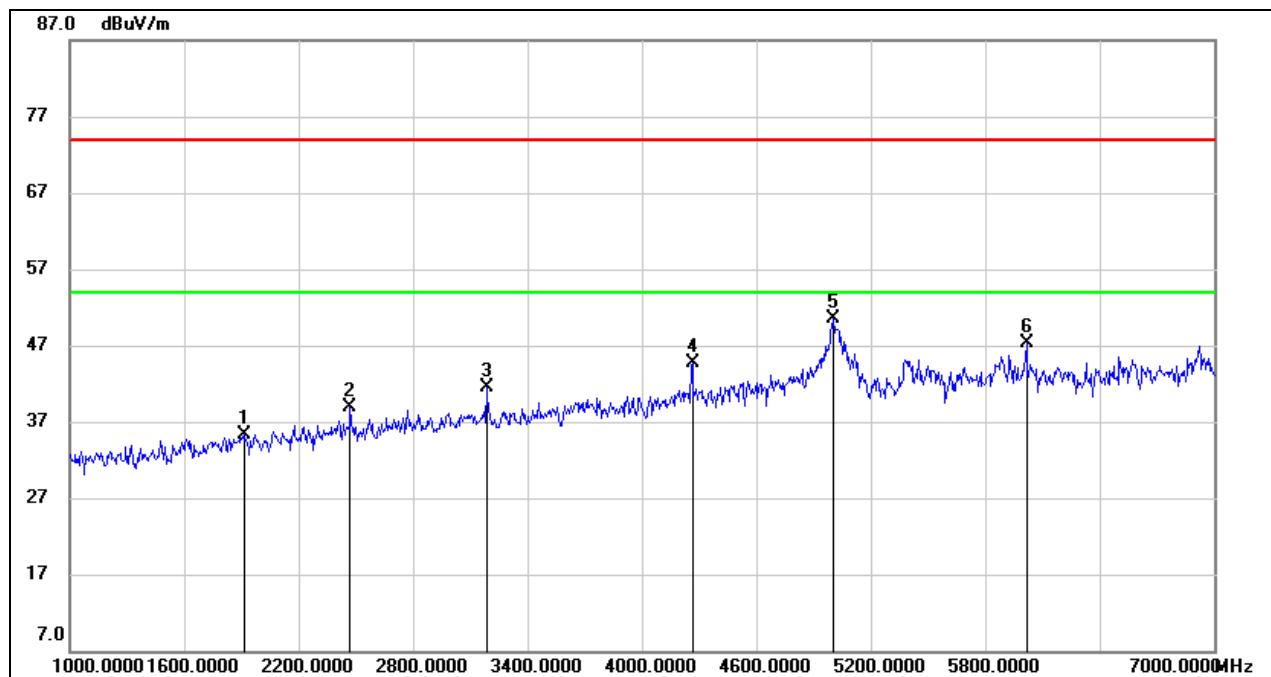


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8144.000	39.61	8.44	48.05	74.00	-25.95	peak
2	9365.000	39.23	9.72	48.95	74.00	-25.05	peak
3	10377.000	39.72	11.20	50.92	74.00	-23.08	peak
4	12665.000	36.97	14.35	51.32	74.00	-22.68	peak
5	14821.000	35.18	16.09	51.27	74.00	-22.73	peak
6	17406.000	32.20	21.53	53.73	74.00	-20.27	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 High Pass 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.



VERTICAL RESULTS
1-7GHz

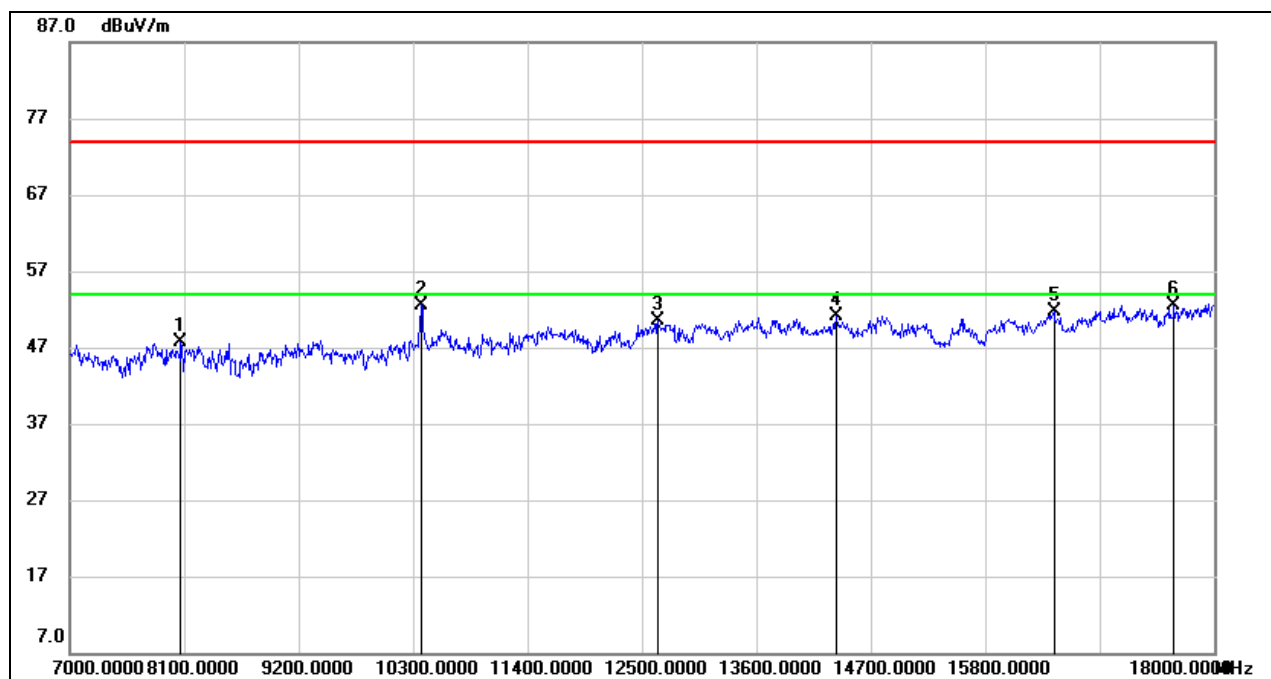


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1912.000	45.09	-9.71	35.38	74.00	-38.62	peak
2	2470.000	46.40	-7.43	38.97	74.00	-35.03	peak
3	3184.000	46.21	-4.67	41.54	74.00	-32.46	peak
4	4264.000	45.71	-0.96	44.75	74.00	-29.25	peak
5	5002.000	47.82	2.70	50.52	74.00	-23.48	peak
6	6016.000	42.91	4.34	47.25	74.00	-26.75	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. 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.



7-18GHz



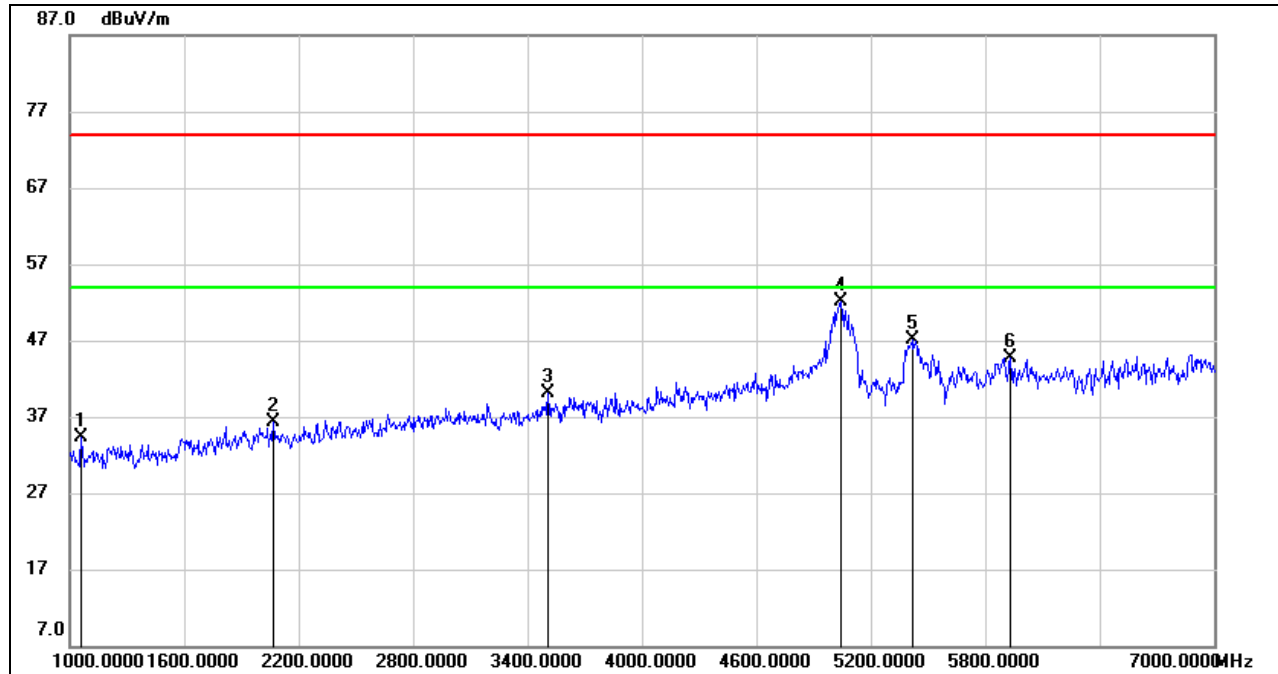
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8067.000	39.86	7.90	47.76	74.00	-26.24	peak
2	10377.000	41.40	11.20	52.60	74.00	-21.40	peak
3	12654.000	36.19	14.31	50.50	74.00	-23.50	peak
4	14370.000	34.60	16.59	51.19	74.00	-22.81	peak
5	16460.000	32.18	19.49	51.67	74.00	-22.33	peak
6	17615.000	30.57	21.96	52.53	74.00	-21.47	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass 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.



HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

HORIZONTAL RESULTS 1-7GHz

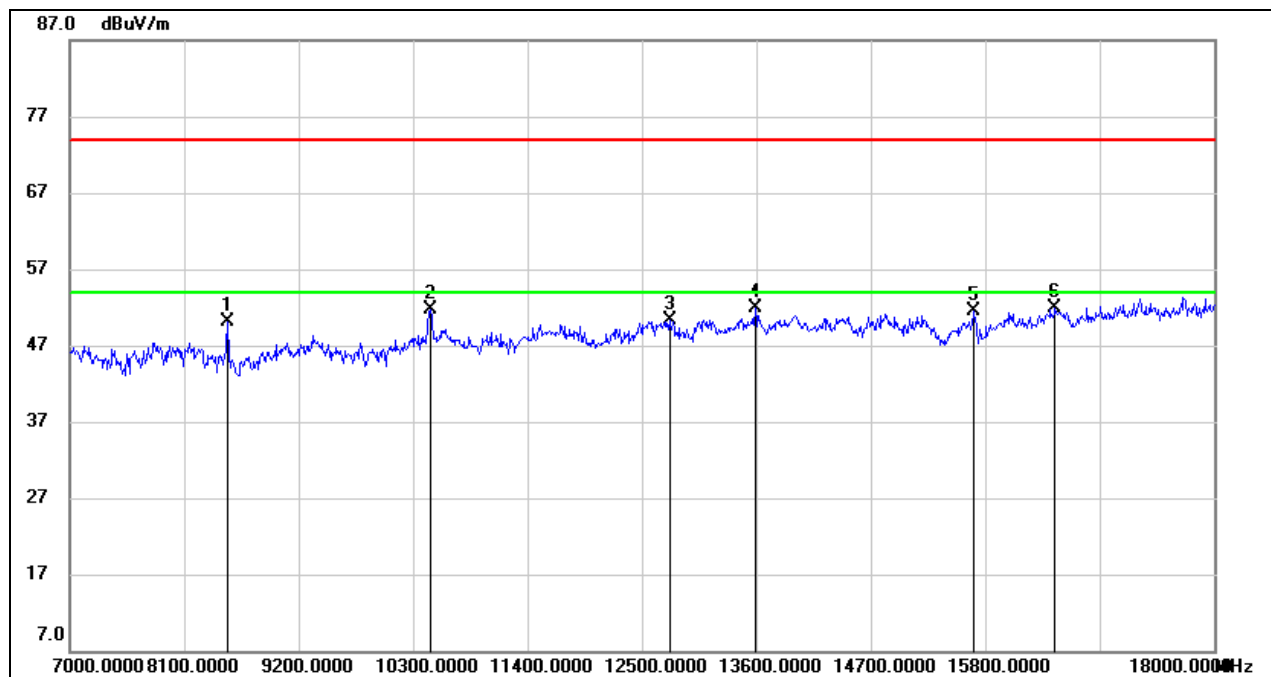


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1060.000	47.91	-13.53	34.38	74.00	-39.62	peak
2	2068.000	45.83	-9.44	36.39	74.00	-37.61	peak
3	3508.000	44.00	-3.86	40.14	74.00	-33.86	peak
4	5044.000	49.40	2.76	52.16	74.00	-21.84	peak
5	5416.000	43.89	3.28	47.17	74.00	-26.83	peak
6	5932.000	39.69	5.10	44.79	74.00	-29.21	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 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

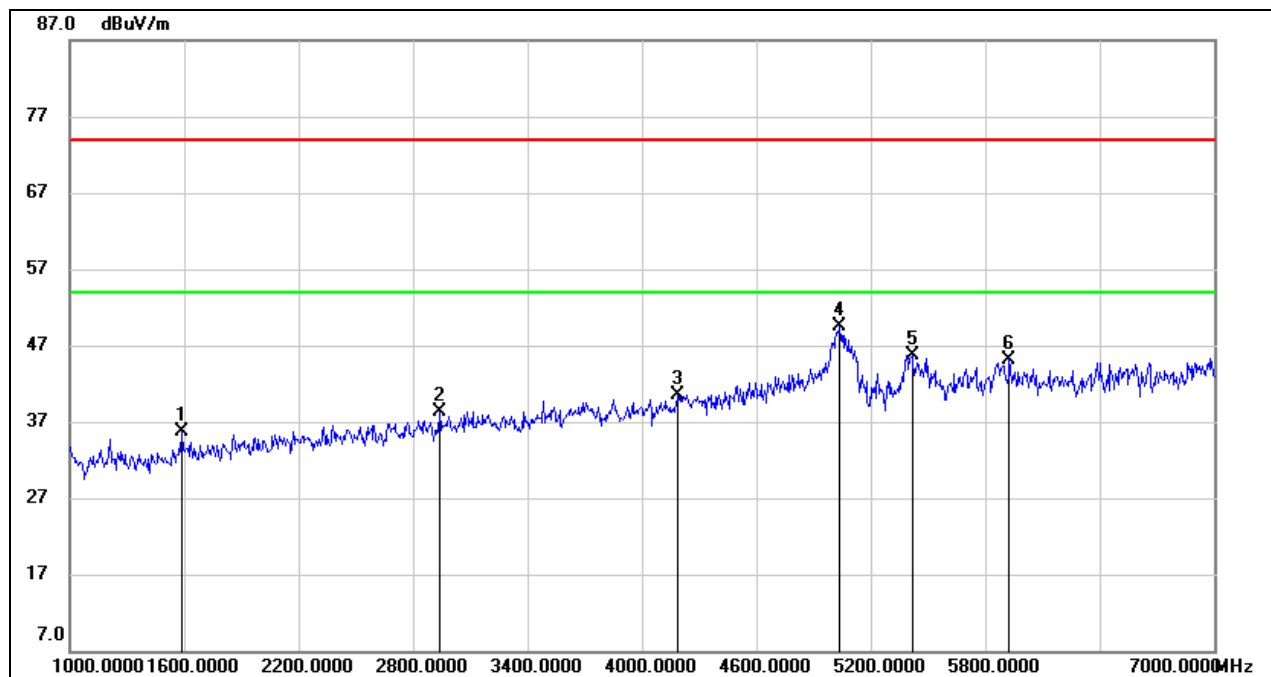


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8518.000	42.34	7.85	50.19	74.00	-23.81	peak
2	10465.000	40.46	11.28	51.74	74.00	-22.26	peak
3	12764.000	34.80	15.54	50.34	74.00	-23.66	peak
4	13589.000	35.86	16.08	51.94	74.00	-22.06	peak
5	15690.000	34.65	16.84	51.49	74.00	-22.51	peak
6	16471.000	32.29	19.52	51.81	74.00	-22.19	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 High Pass 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.

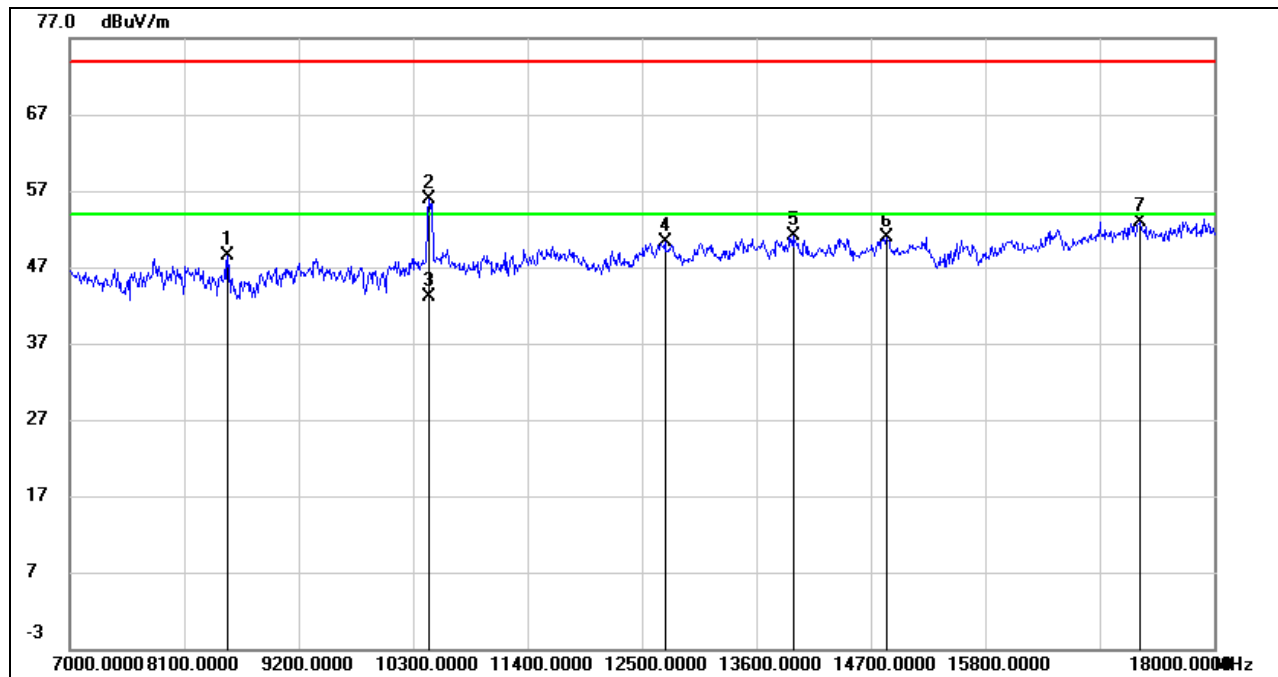


VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1588.000	46.90	-11.24	35.66	74.00	-38.34	peak
2	2938.000	43.85	-5.50	38.35	74.00	-35.65	peak
3	4186.000	41.56	-1.02	40.54	74.00	-33.46	peak
4	5038.000	46.76	2.76	49.52	74.00	-24.48	peak
5	5416.000	42.38	3.28	45.66	74.00	-28.34	peak
6	5926.000	40.04	5.16	45.20	74.00	-28.80	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 complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

**7-18GHz**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8518.000	40.61	7.85	48.46	74.00	-25.54	peak
2	10460.210	44.60	11.29	55.89	74.00	-18.11	peak
3	10460.210	31.78	11.29	43.07	54.00	-10.93	AVG
4	12720.000	35.51	14.79	50.30	74.00	-23.70	peak
5	13952.000	34.90	16.16	51.06	74.00	-22.94	peak
6	14854.000	34.84	16.13	50.97	74.00	-23.03	peak
7	17285.000	31.16	21.79	52.95	74.00	-21.05	peak

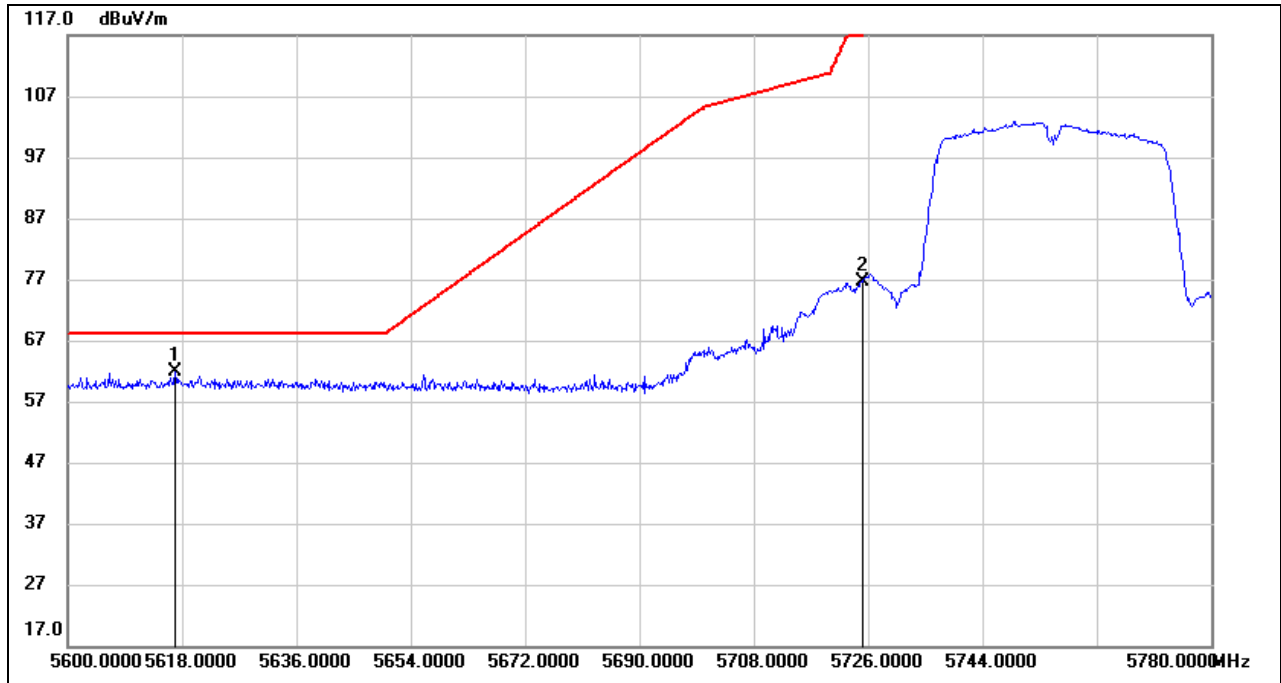
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: $VBW=1/Ton$ where: ton is transmit duration.
5. For transmit duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. 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.



8.3.2. UNII-3 BAND

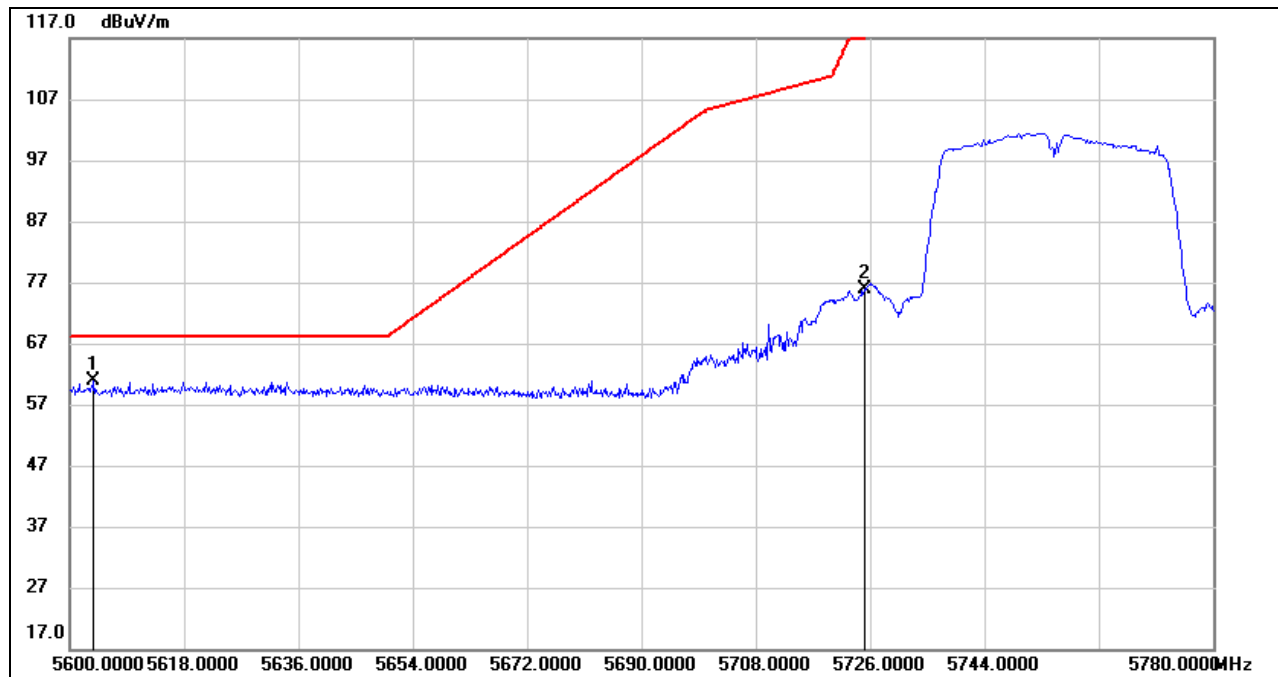
RESTRICTED BANDEGE LOW CHANNEL

HORIZONTAL RESULTS



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5616.920	20.37	41.47	61.84	68.20	-6.36	peak
2	5725.000	35.06	41.61	76.67	122.20	-45.53	peak

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

**VERTICAL RESULTS**

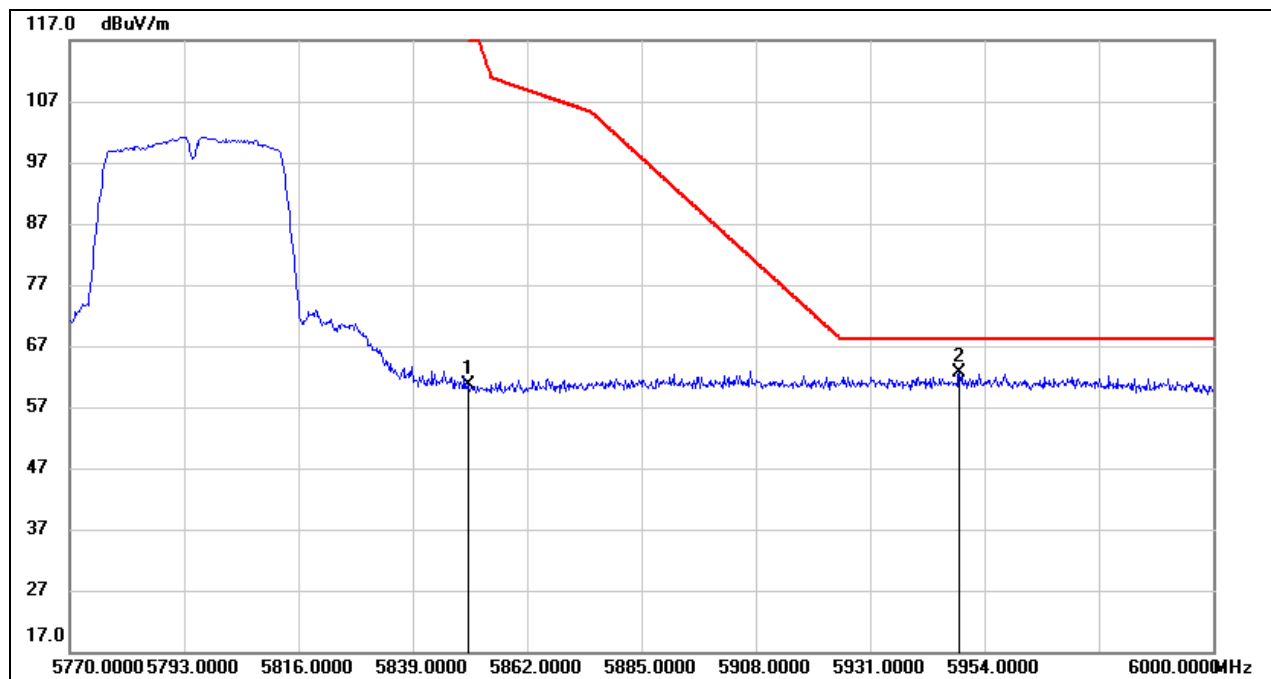
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5603.780	19.51	41.46	60.97	68.20	-7.23	peak
2	5725.000	34.23	41.61	75.84	122.20	-46.36	peak

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



RESTRICTED BANDEDGE HIGH CHANNEL

HORIZONTAL RESULTS

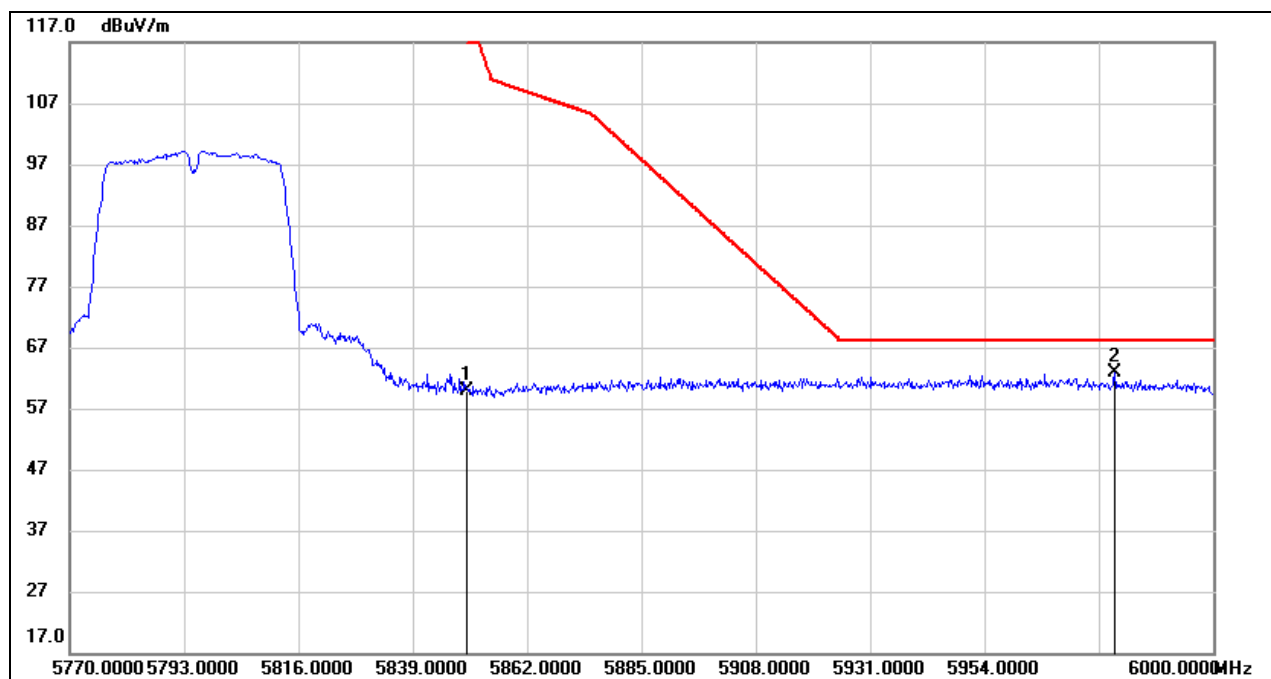


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	17.75	42.89	60.64	122.20	-61.56	peak
2	5948.940	19.71	43.01	62.72	68.20	-5.48	peak

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



VERTICAL RESULTS



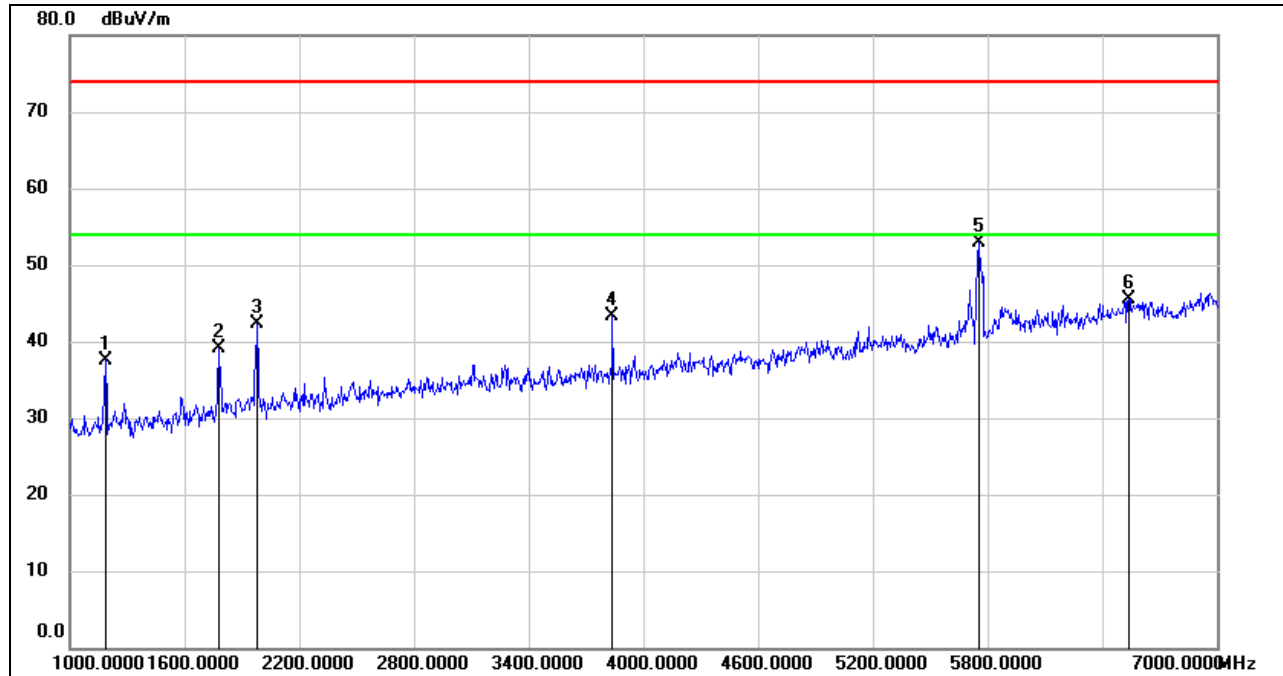
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	17.11	42.89	60.00	122.20	-62.20	peak
2	5980.220	20.34	42.48	62.82	68.20	-5.38	peak

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



HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

HORIZONTAL RESULTS 1-7GHz

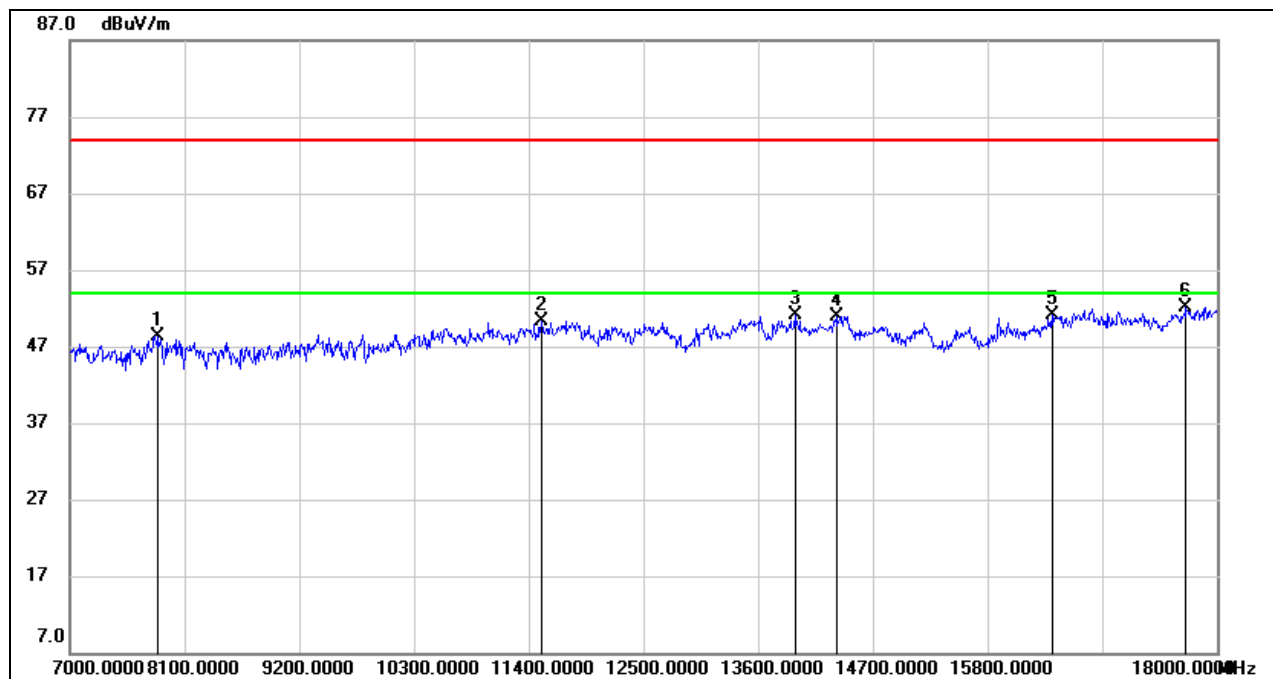


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	51.24	-13.64	37.60	74.00	-36.40	peak
2	1780.000	50.29	-11.14	39.15	74.00	-34.85	peak
3	1978.000	53.18	-10.85	42.33	74.00	-31.67	peak
4	3838.000	47.59	-4.20	43.39	74.00	-30.61	peak
5	5755.000	50.33	2.57	52.90	/	/	fundamental
6	6538.000	39.79	5.75	45.54	74.00	-28.46	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 complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

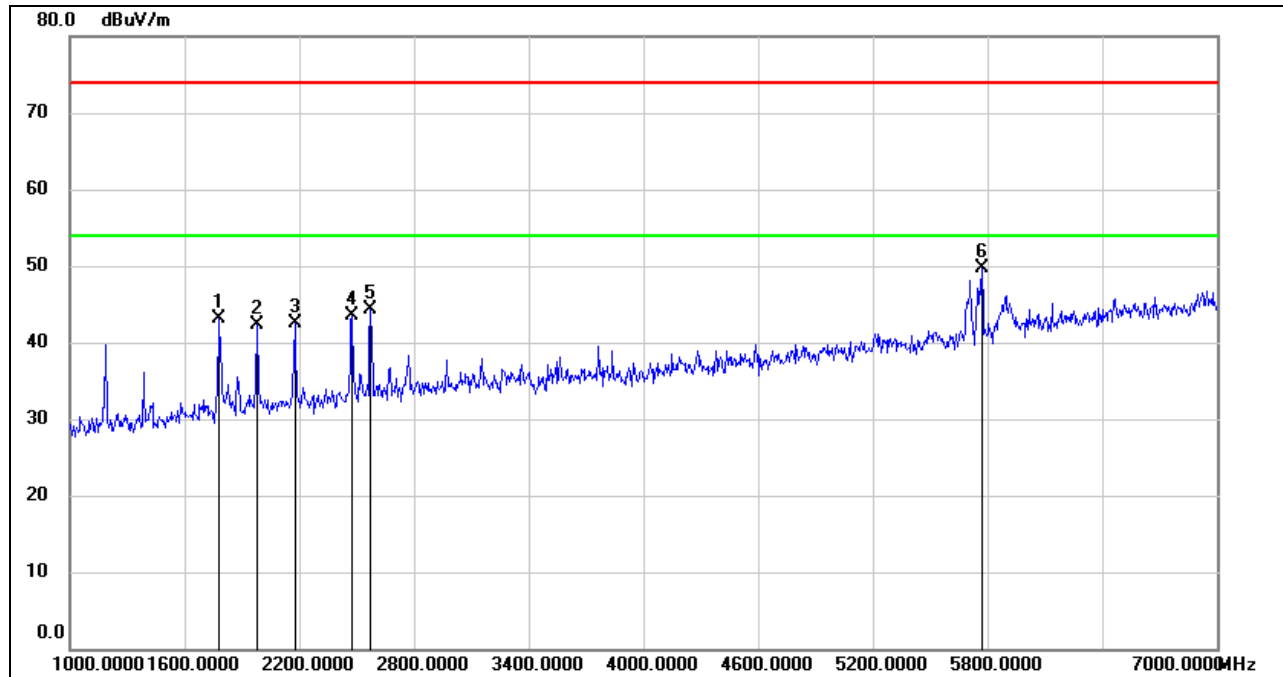


HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7836.000	38.83	9.46	48.29	74.00	-25.71	peak
2	11521.000	35.83	14.48	50.31	74.00	-23.69	peak
3	13952.000	34.34	16.74	51.08	74.00	-22.92	peak
4	14348.000	34.10	16.88	50.98	74.00	-23.02	peak
5	16416.000	31.61	19.47	51.08	74.00	-22.92	peak
6	17703.000	29.52	22.62	52.14	74.00	-21.86	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass 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.

**VERTICAL RESULTS**
1-7GHz

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1780.000	54.27	-11.14	43.13	74.00	-30.87	peak
2	1978.000	53.08	-10.85	42.23	74.00	-31.77	peak
3	2176.000	52.41	-9.90	42.51	74.00	-31.49	peak
4	2476.000	51.79	-8.36	43.43	74.00	-30.57	peak
5	2572.000	52.78	-8.48	44.30	74.00	-29.70	peak
6	5770.000	46.95	2.70	49.65	74.00	-24.35	peak

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

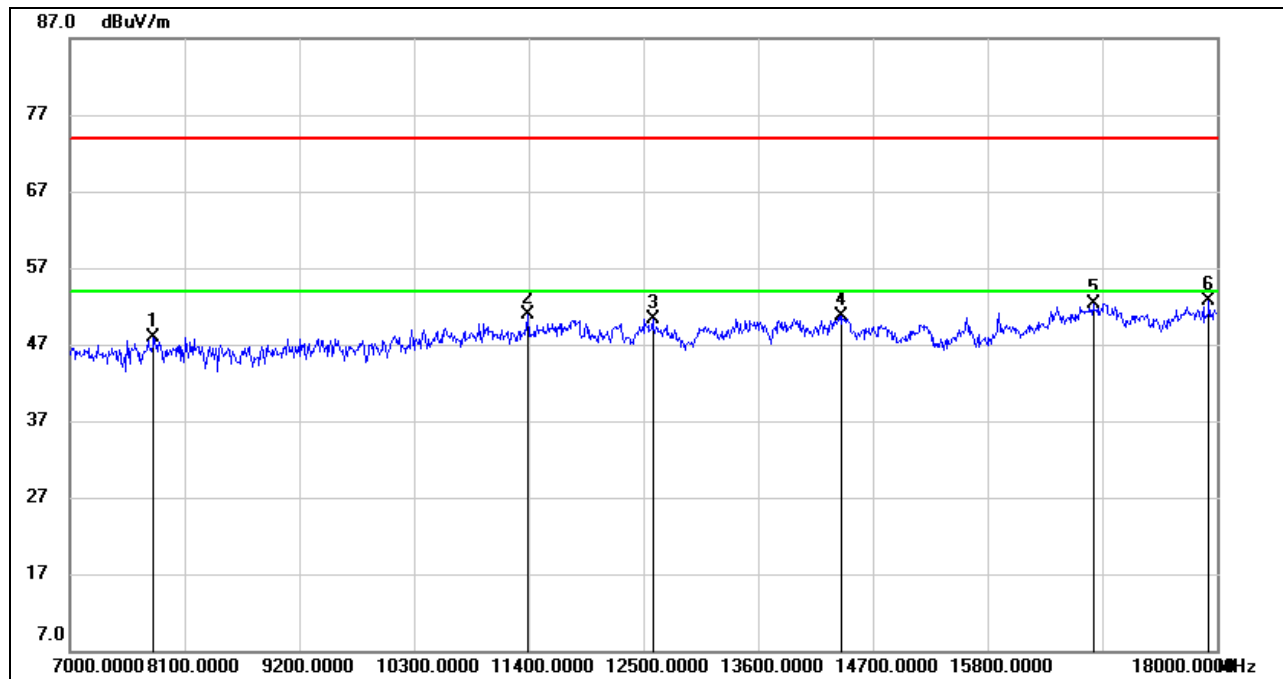
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

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

**7-18GHz**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7803.000	38.29	9.63	47.92	74.00	-26.08	peak
2	11389.000	37.09	13.76	50.85	74.00	-23.15	peak
3	12588.000	35.54	14.76	50.30	74.00	-23.70	peak
4	14403.000	33.66	17.01	50.67	74.00	-23.33	peak
5	16812.000	31.77	20.53	52.30	74.00	-21.70	peak
6	17923.000	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 High Pass Filter losses.

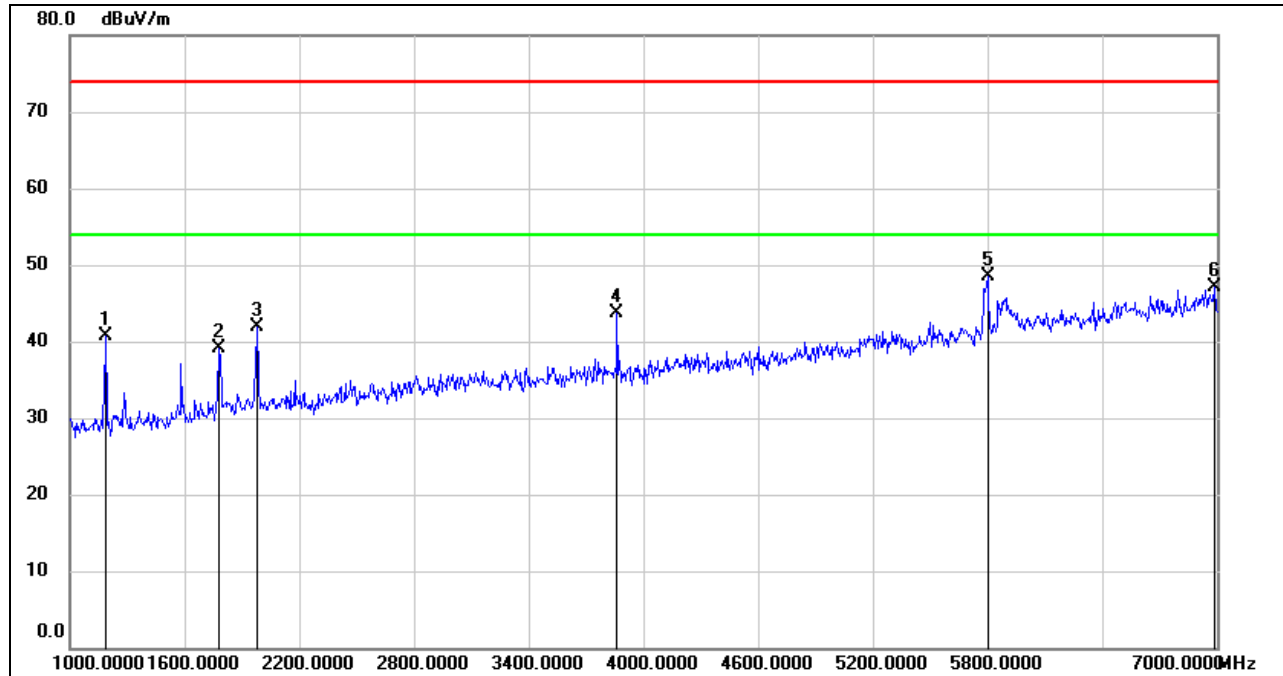
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

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.



HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

HORIZONTAL RESULTS 1-7GHz

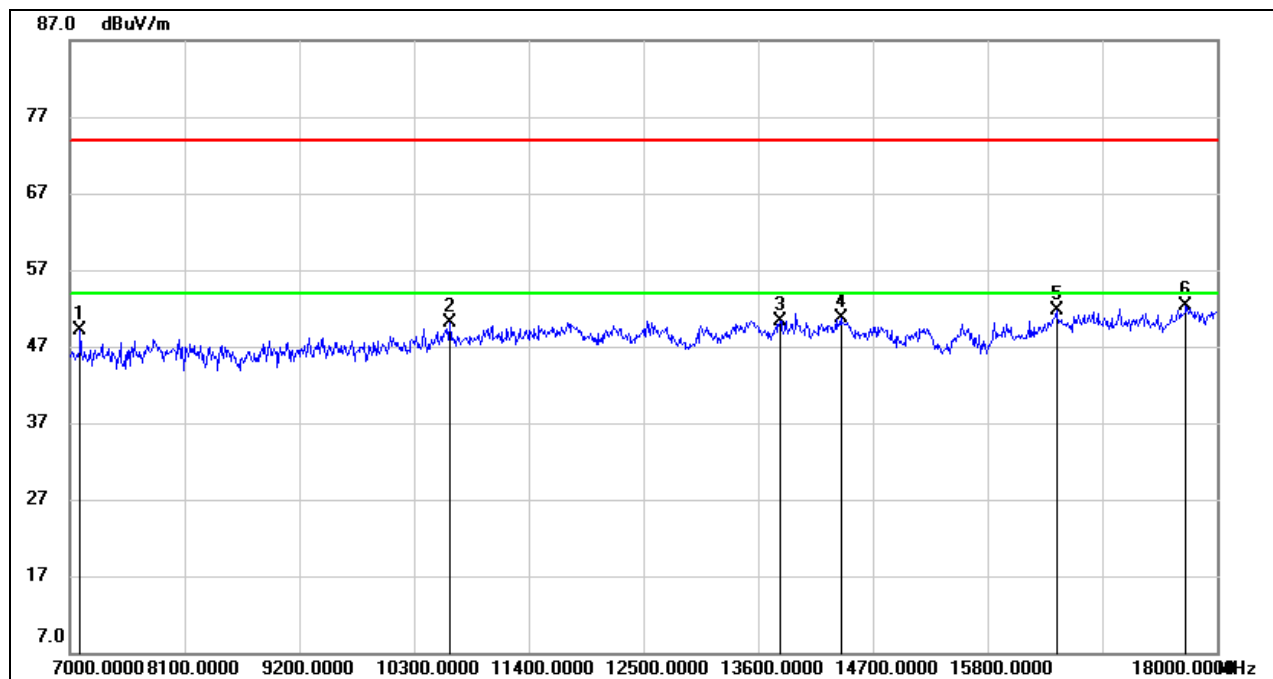


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	54.38	-13.64	40.74	74.00	-33.26	peak
2	1780.000	50.17	-11.14	39.03	74.00	-34.97	peak
3	1978.000	52.82	-10.85	41.97	74.00	-32.03	peak
4	3862.000	47.92	-4.20	43.72	74.00	-30.28	peak
5	5795.000	45.51	2.90	48.41	/	/	fundamental
6	6988.000	40.61	6.40	47.01	74.00	-26.99	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

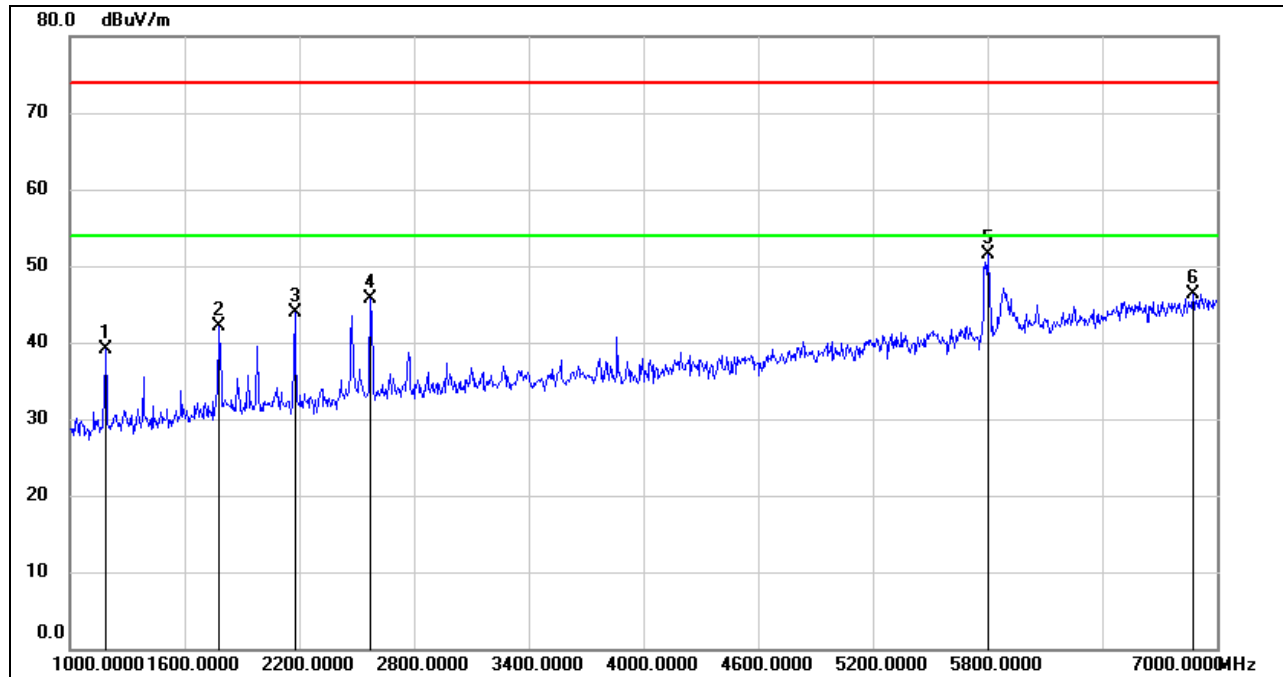


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7099.000	41.37	7.81	49.18	74.00	-24.82	peak
2	10641.000	36.92	13.12	50.04	74.00	-23.96	peak
3	13809.000	32.88	17.49	50.37	74.00	-23.63	peak
4	14392.000	33.63	16.99	50.62	74.00	-23.38	peak
5	16460.000	31.96	19.65	51.61	74.00	-22.39	peak
6	17703.000	29.65	22.62	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 High Pass 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.



VERTICAL RESULTS
1-7GHz

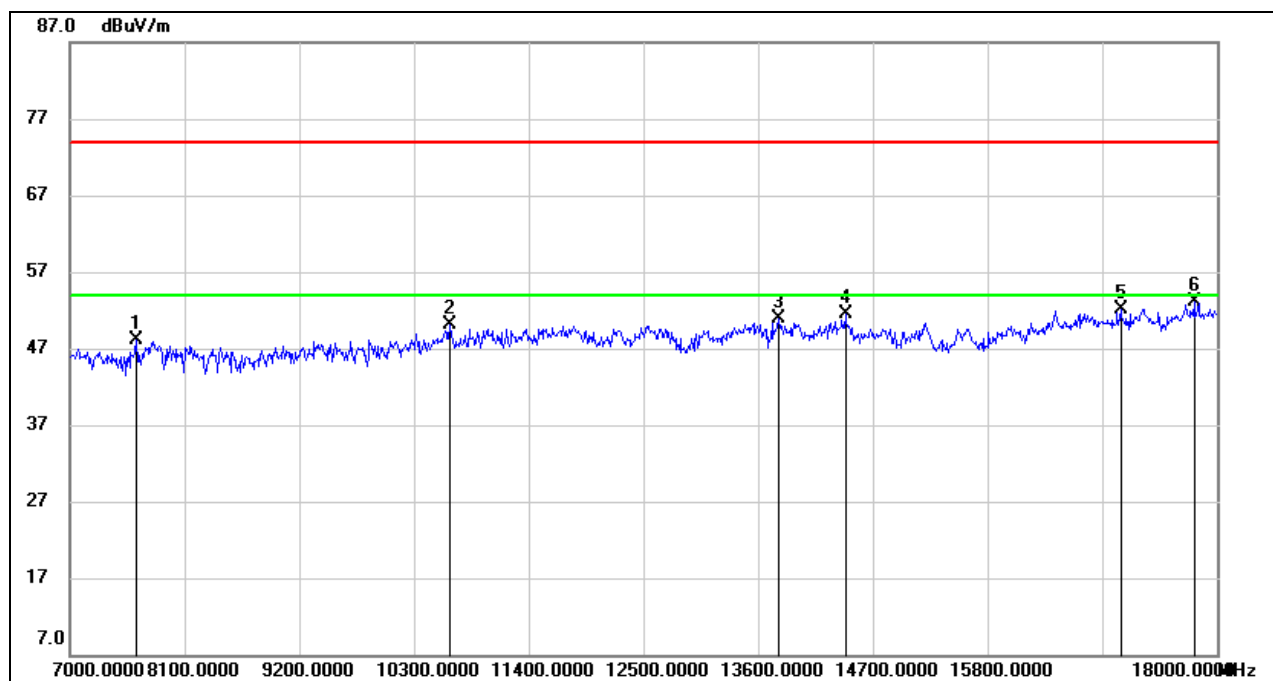


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	52.73	-13.64	39.09	74.00	-34.91	peak
2	1780.000	53.22	-11.14	42.08	74.00	-31.92	peak
3	2176.000	53.75	-9.90	43.85	74.00	-30.15	peak
4	2572.000	54.15	-8.48	45.67	74.00	-28.33	peak
5	5795.000	48.54	2.90	51.44	/	/	fundamental
6	6874.000	40.21	6.11	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 complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7638.000	39.74	8.41	48.15	74.00	-25.85	peak
2	10641.000	37.01	13.12	50.13	74.00	-23.87	peak
3	13798.000	33.39	17.55	50.94	74.00	-23.06	peak
4	14436.000	34.49	16.95	51.44	74.00	-22.56	peak
5	17076.000	30.84	21.24	52.08	74.00	-21.92	peak
6	17780.000	29.88	23.28	53.16	74.00	-20.84	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 High Pass 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.

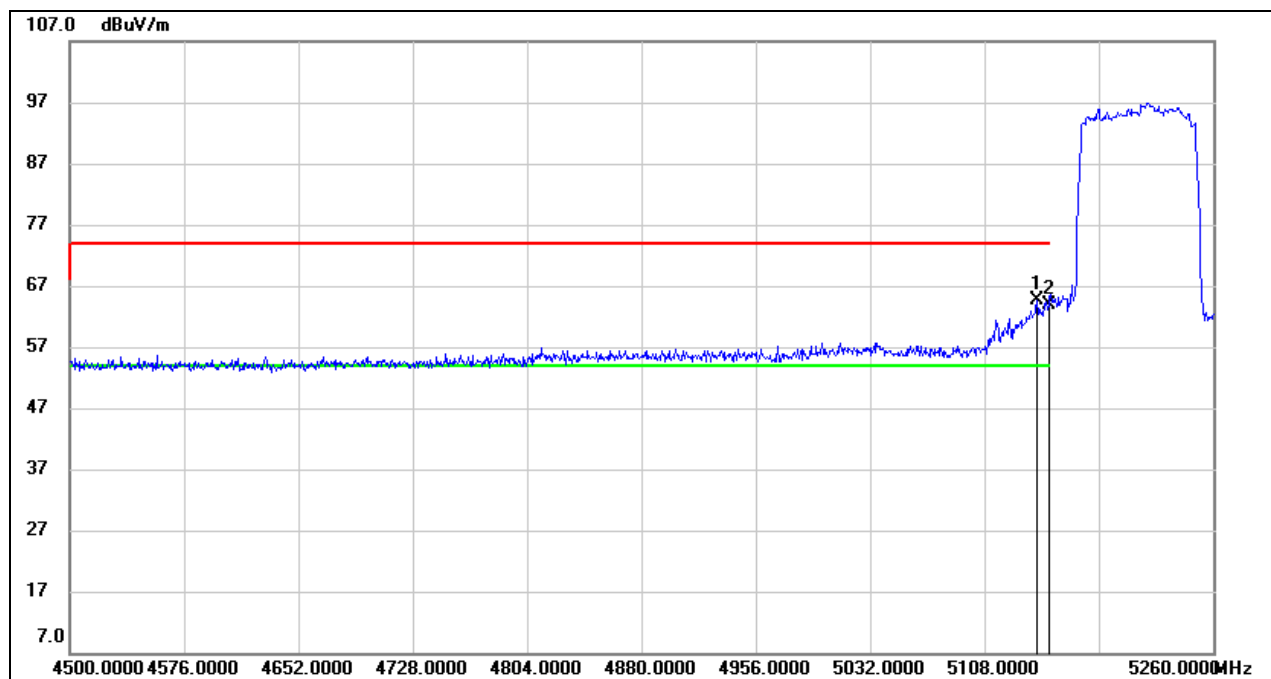


8.4. 802.11ac VHT80 MODE

8.4.1. UNII-1 BAND

RESTRICTED BANDEDGE LOW CHANNEL

HORIZONTAL RESULTS

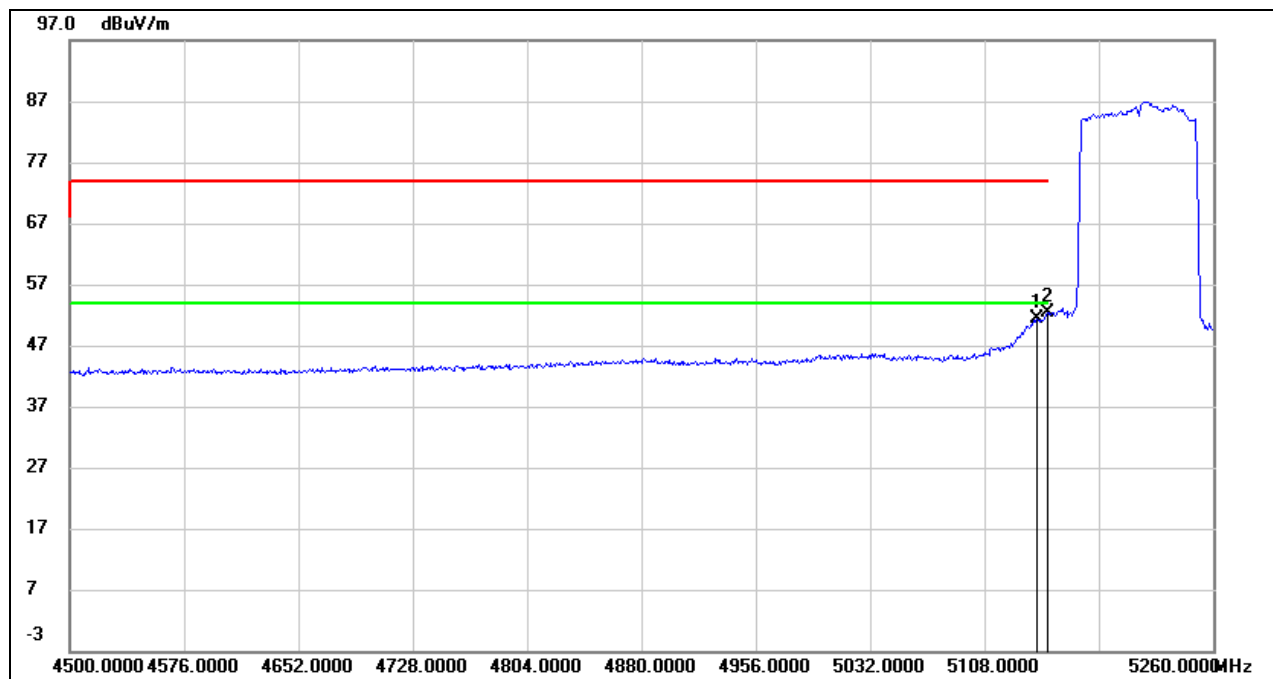


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.960	24.10	40.42	64.52	74.00	-9.48	peak
2	5150.000	23.35	40.46	63.81	74.00	-10.19	peak

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. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.



VERTICAL RESULTS

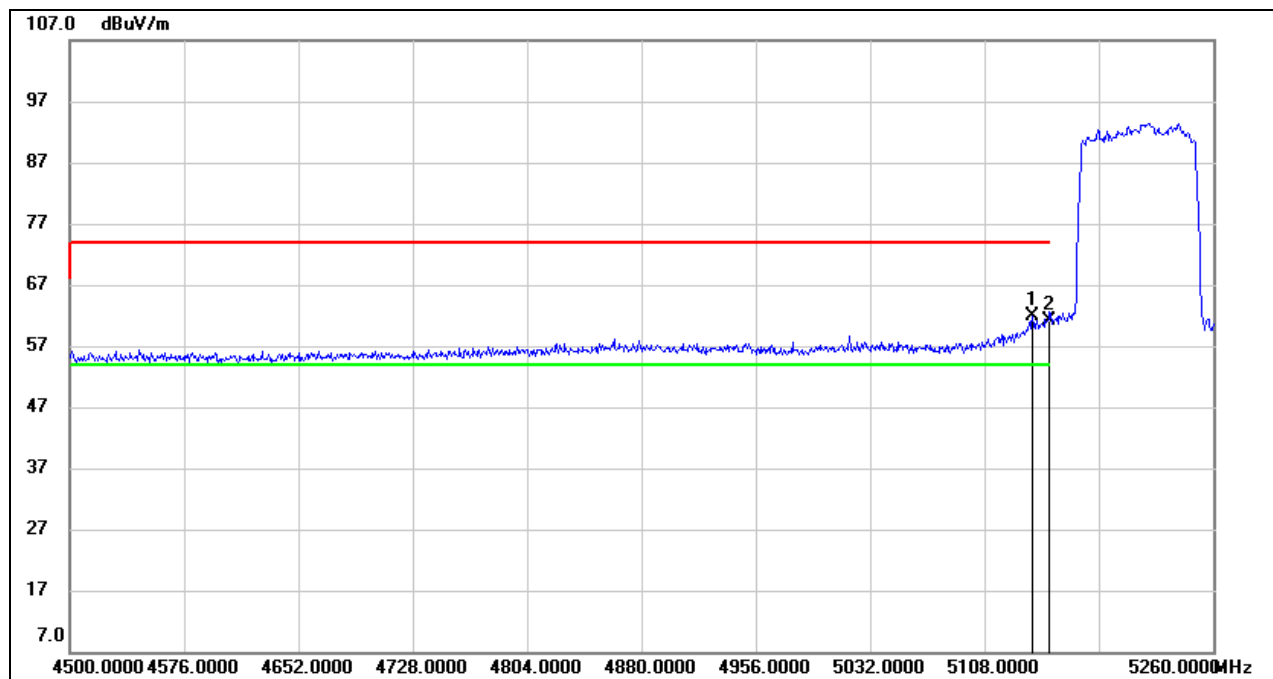


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.960	10.97	40.42	51.39	54.00	-2.61	AVG
2	5150.000	12.00	40.46	52.46	54.00	-1.54	AVG

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.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.



VERTICAL RESULTS
PEAK

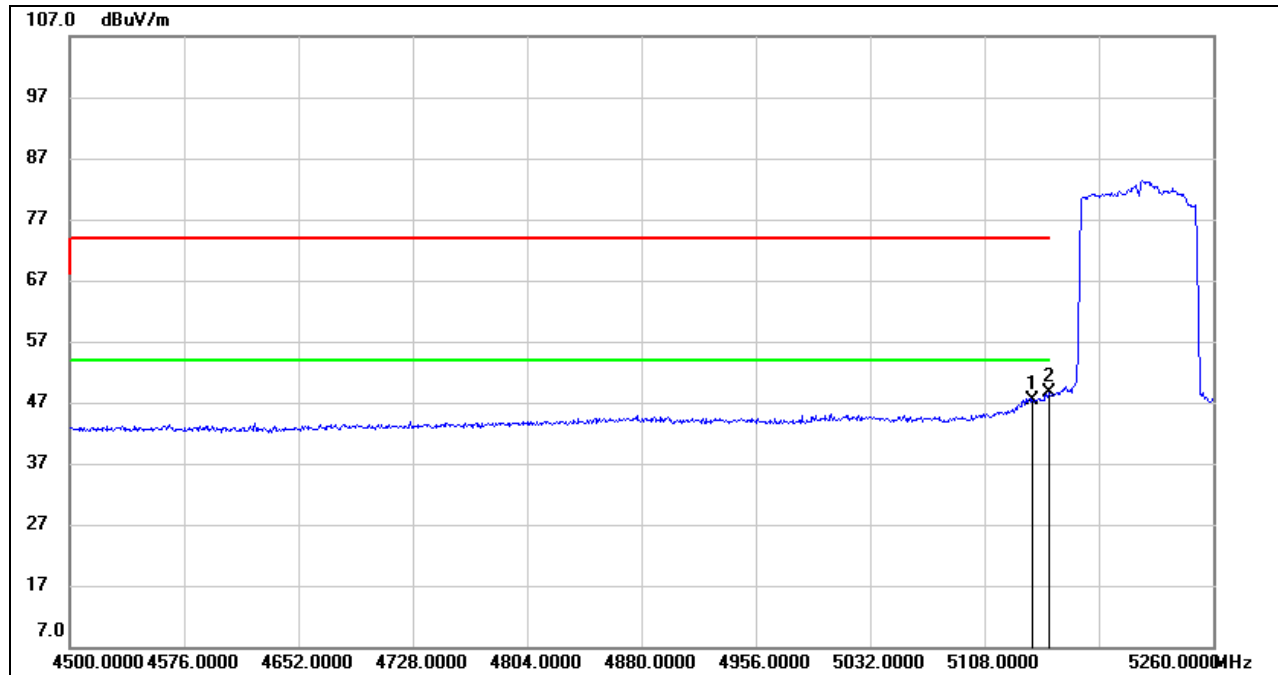


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5139.920	21.54	40.41	61.95	74.00	-12.05	peak
2	5150.000	20.79	40.46	61.25	74.00	-12.75	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

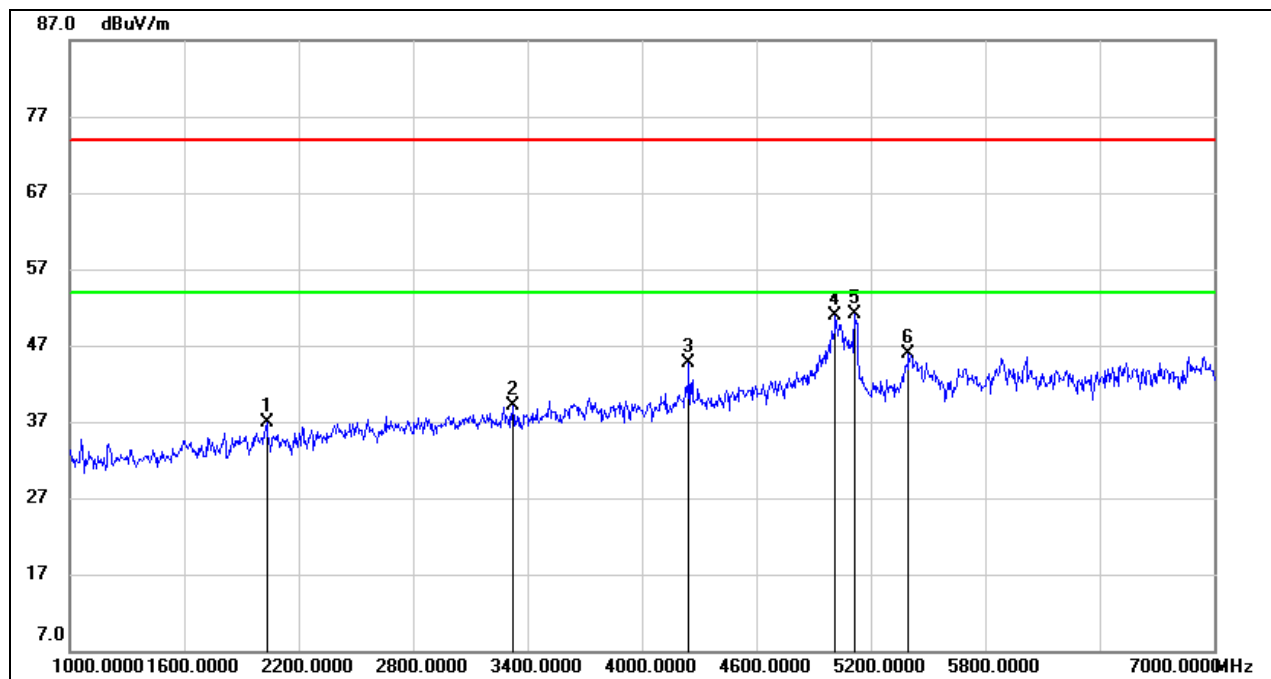


AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5139.920	6.92	40.41	47.33	54.00	-6.67	AVG
2	5150.000	8.12	40.46	48.58	54.00	-5.42	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.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

**HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL****HORIZONTAL RESULTS****1-7GHz**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2032.000	46.57	-9.67	36.90	74.00	-37.10	peak
2	3322.000	43.43	-4.42	39.01	74.00	-34.99	peak
3	4246.000	45.69	-0.94	44.75	74.00	-29.25	peak
4	5014.000	48.18	2.73	50.91	74.00	-23.09	peak
5	5116.000	48.19	2.87	51.06	74.00	-22.94	peak
6	5398.000	42.86	3.06	45.92	74.00	-28.08	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.

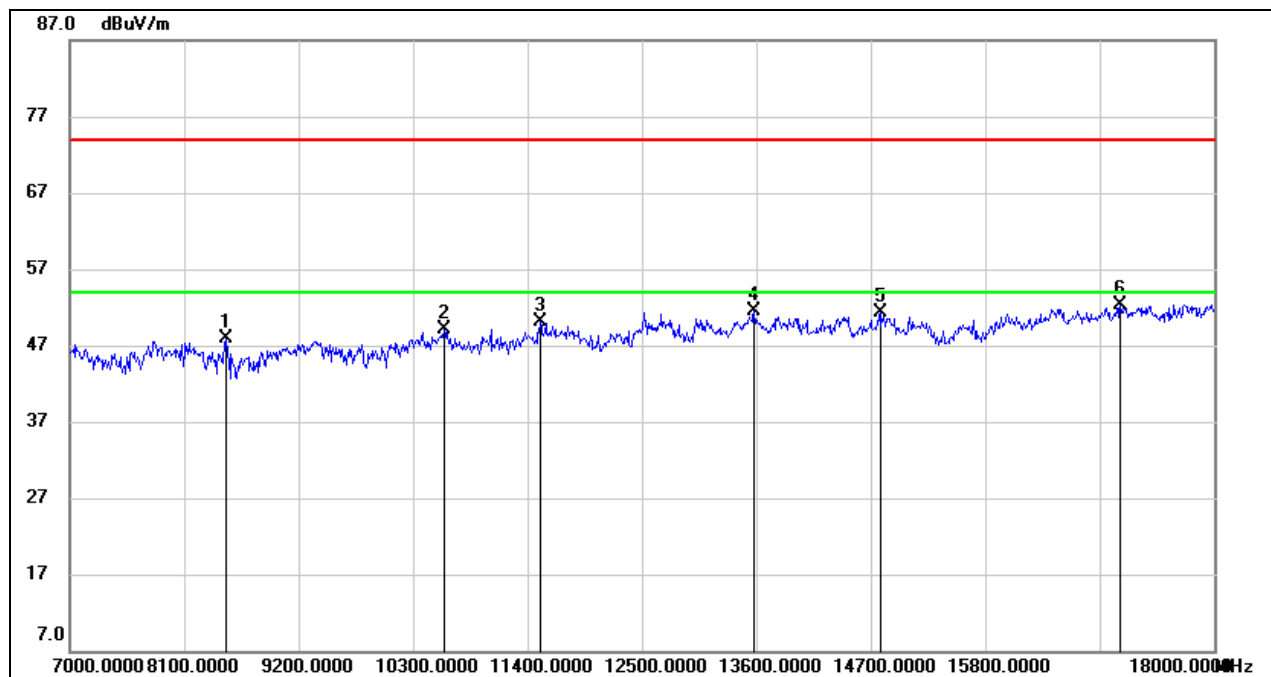
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

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
7-18GHz

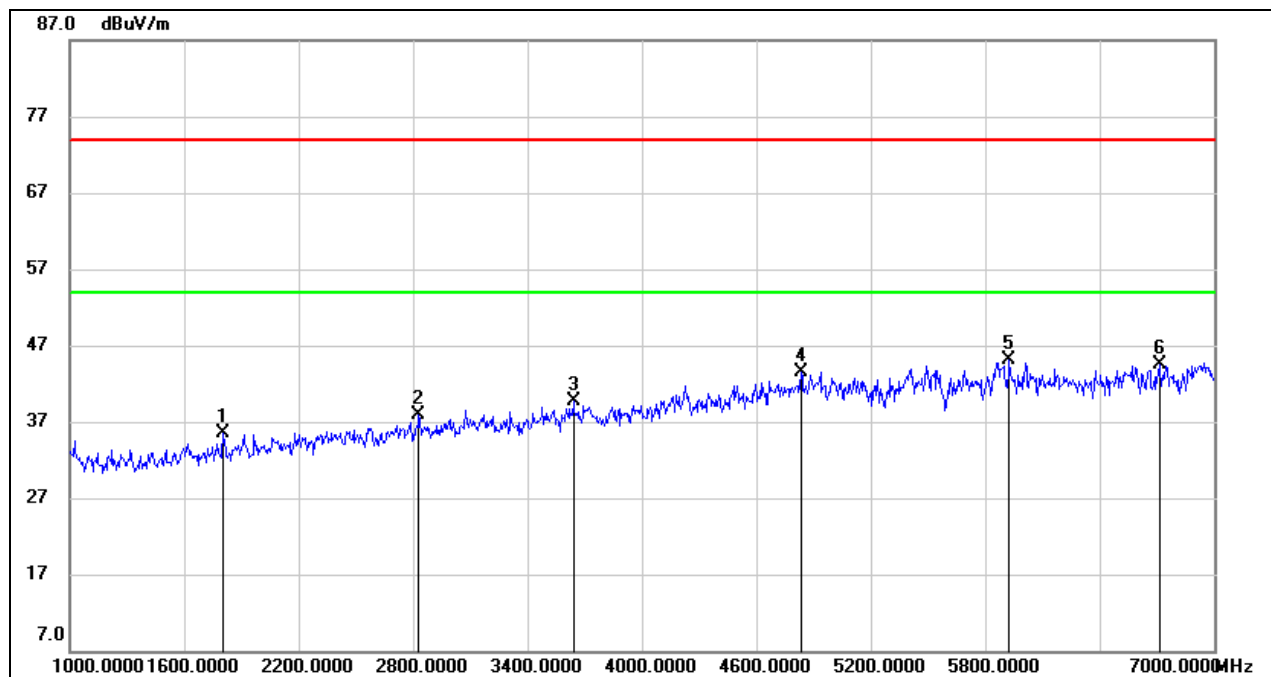


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8507.000	39.98	7.89	47.87	74.00	-26.13	peak
2	10597.000	36.64	12.43	49.07	74.00	-24.93	peak
3	11521.000	36.75	13.40	50.15	74.00	-23.85	peak
4	13578.000	35.35	16.06	51.41	74.00	-22.59	peak
5	14799.000	35.16	16.06	51.22	74.00	-22.78	peak
6	17098.000	31.48	20.88	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 High Pass 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.

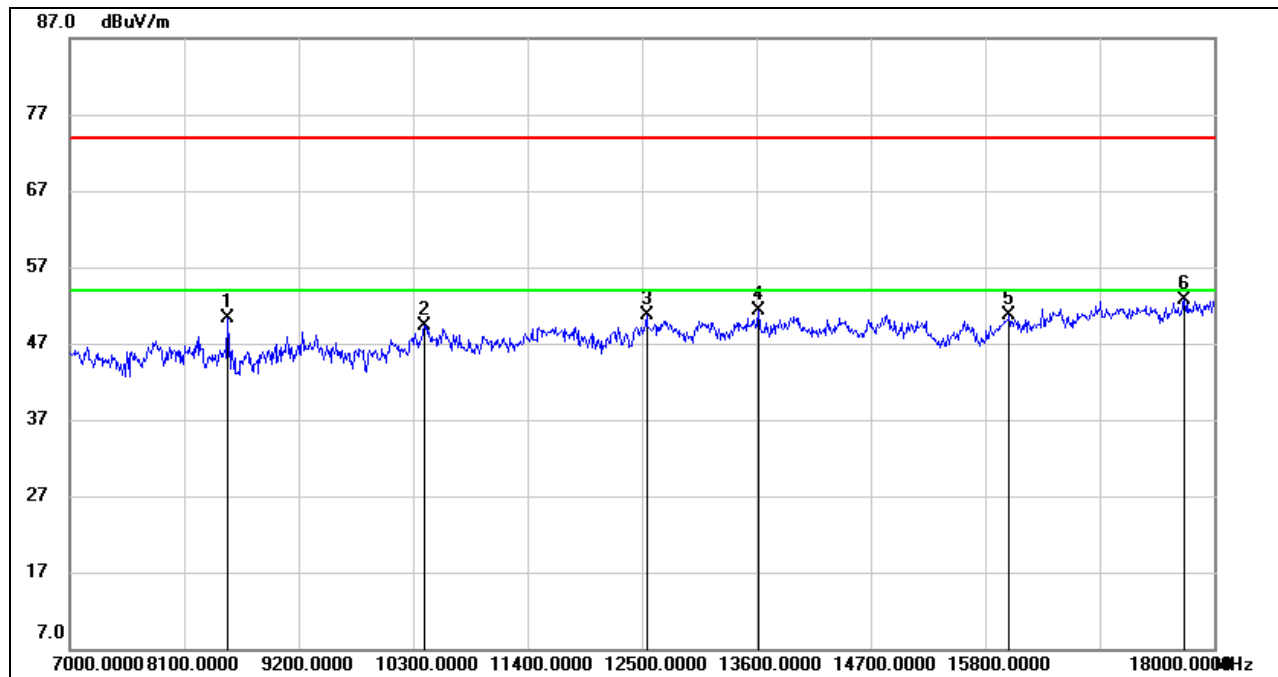


VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1804.000	45.56	-10.07	35.49	74.00	-38.51	peak
2	2830.000	43.79	-5.95	37.84	74.00	-36.16	peak
3	3640.000	42.58	-2.97	39.61	74.00	-34.39	peak
4	4834.000	41.68	1.90	43.58	74.00	-30.42	peak
5	5926.000	39.94	5.16	45.10	74.00	-28.90	peak
6	6712.000	37.93	6.55	44.48	74.00	-29.52	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 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.

**7-18GHz**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8518.000	42.44	7.85	50.29	74.00	-23.71	peak
2	10410.000	38.11	11.20	49.31	74.00	-24.69	peak
3	12544.000	36.10	14.57	50.67	74.00	-23.33	peak
4	13622.000	35.15	16.08	51.23	74.00	-22.77	peak
5	16031.000	32.81	17.97	50.78	74.00	-23.22	peak
6	17714.000	30.14	22.62	52.76	74.00	-21.24	peak

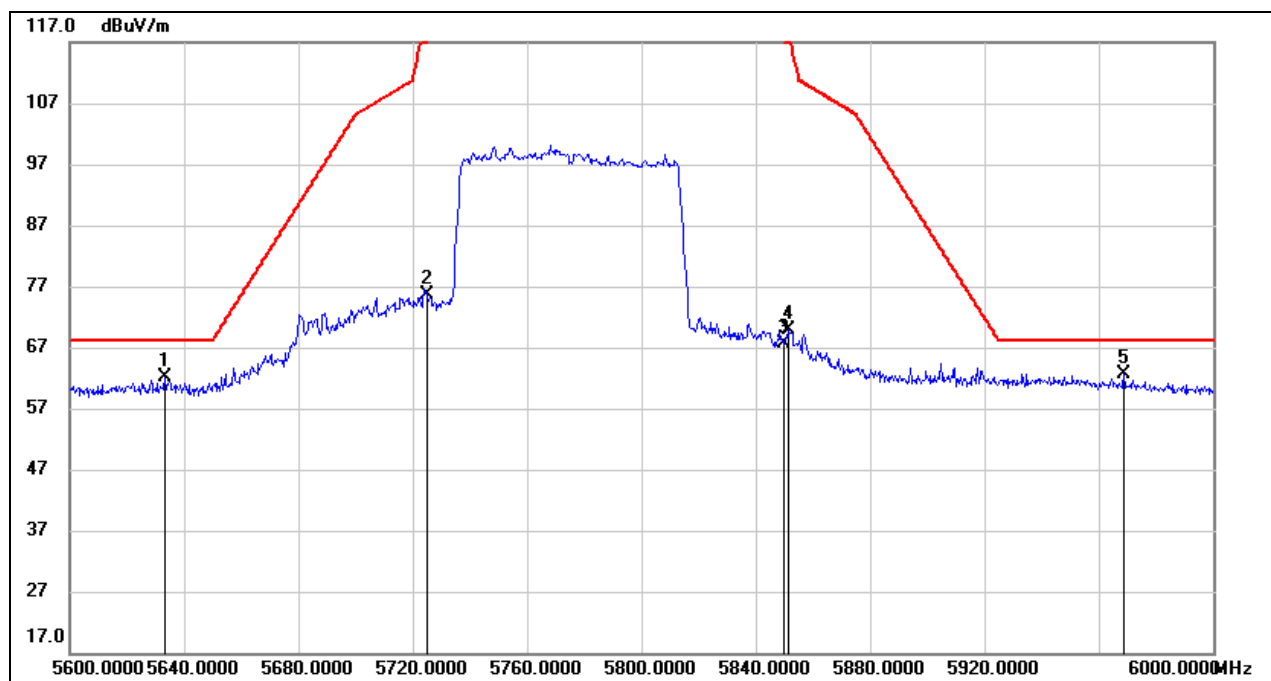
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
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.



8.4.2. UNII-3 BAND

RESTRICTED BANDEDGE MID CHANNEL

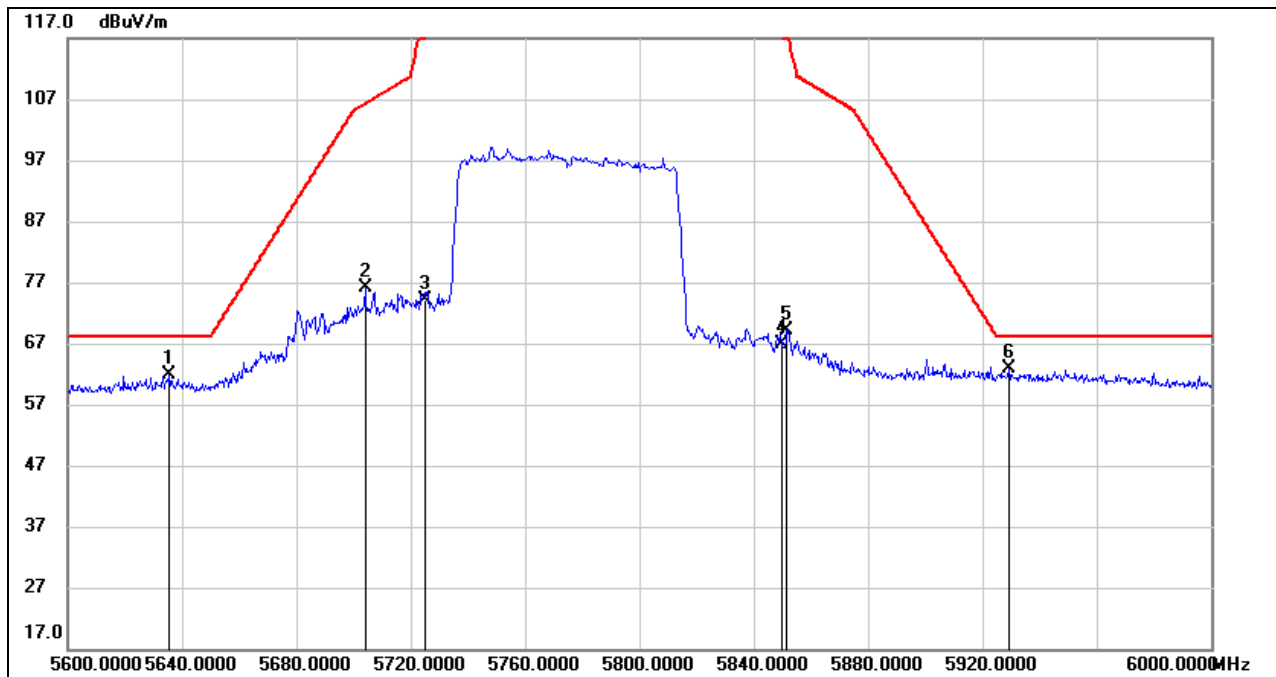
HORIZONTAL RESULTS



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5633.200	20.69	41.47	62.16	68.20	-6.04	peak
2	5725.000	33.93	41.61	75.54	122.20	-46.66	peak
3	5850.000	24.82	42.89	67.71	122.20	-54.49	peak
4	5851.600	26.88	42.92	69.80	118.55	-48.75	peak
5	5968.800	20.07	42.67	62.74	68.20	-5.46	peak

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

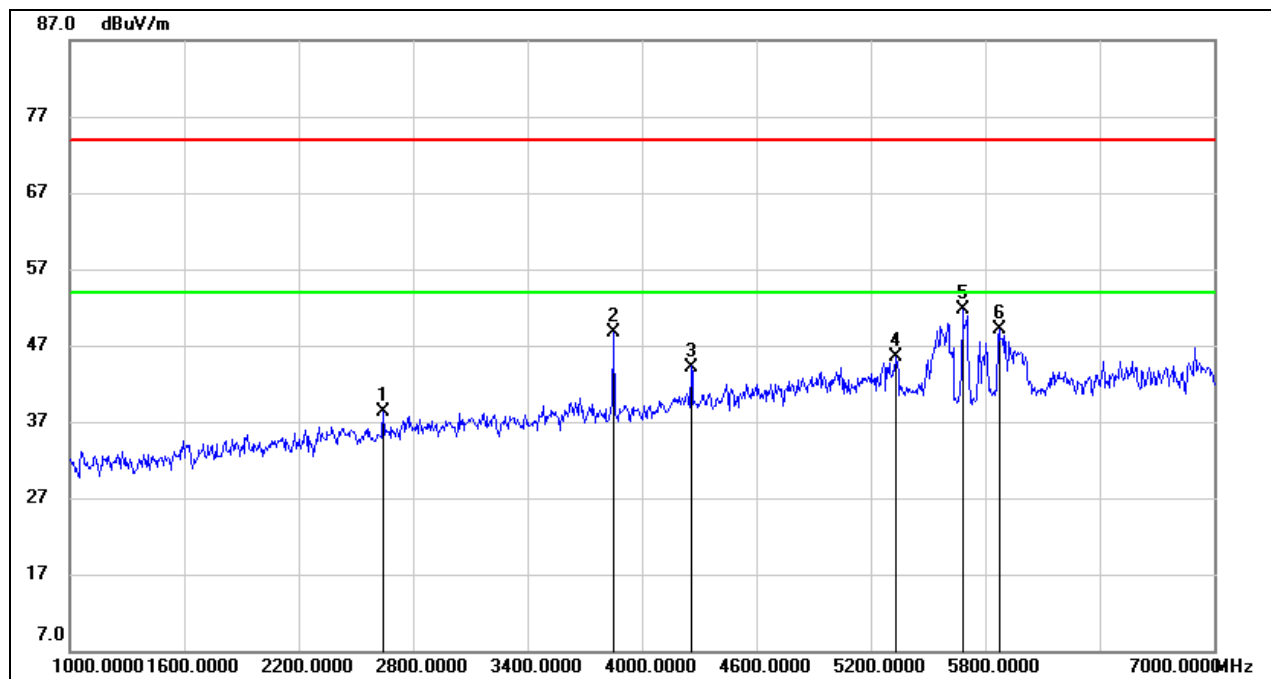
2. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

**VERTICAL RESULTS**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5635.600	20.30	41.47	61.77	68.20	-6.43	peak
2	5704.000	34.66	41.51	76.17	106.32	-30.15	peak
3	5725.000	32.64	41.61	74.25	122.20	-47.95	peak
4	5850.000	23.90	42.89	66.79	122.20	-55.41	peak
5	5851.600	26.31	42.92	69.23	118.55	-49.32	peak
6	5929.200	19.49	43.35	62.84	68.20	-5.36	peak

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

2. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

**HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL****HORIZONTAL RESULTS****1-7GHz**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2644.000	45.35	-7.11	38.24	74.00	-35.76	peak
2	3850.000	51.34	-2.71	48.63	74.00	-25.37	peak
3	4258.000	45.16	-0.96	44.20	74.00	-29.80	peak
4	5332.000	42.57	2.88	45.45	74.00	-28.55	peak
5	5680.000	47.98	3.77	51.75	74.00	-22.25	peak
6	5872.000	44.16	4.93	49.09	74.00	-24.91	peak

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

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

3. Peak: Peak detector.

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

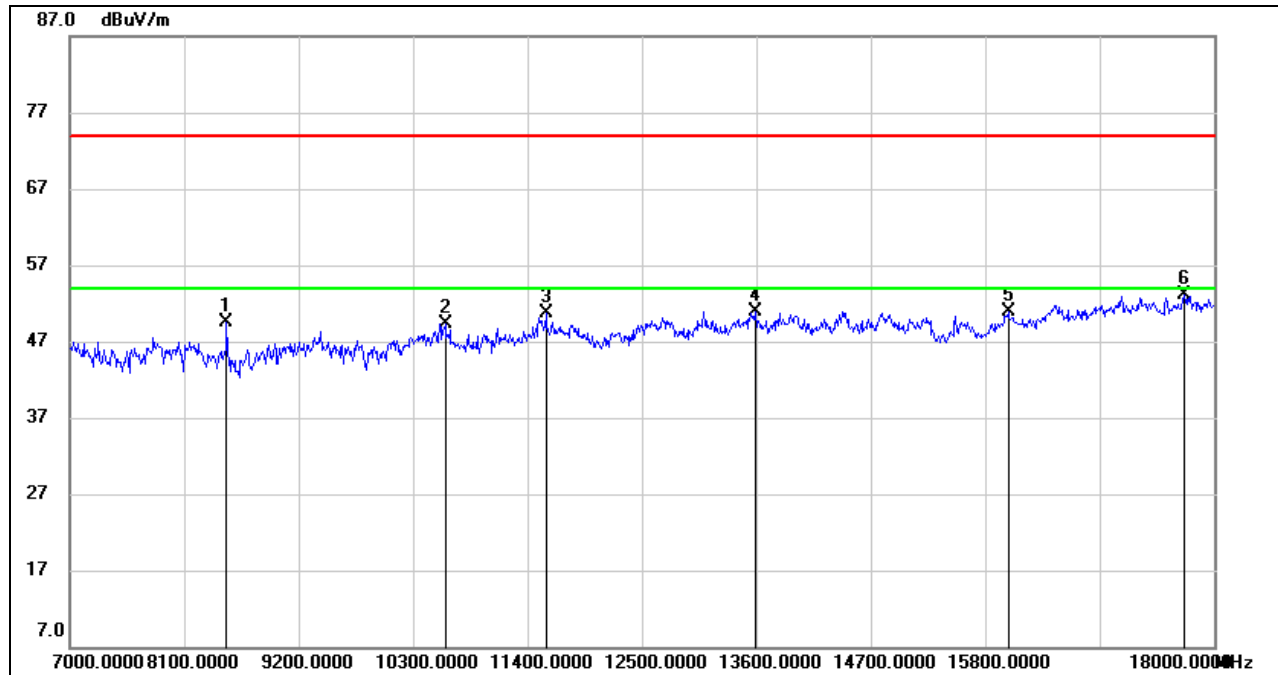
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

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 (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8507.000	41.55	7.89	49.44	74.00	-24.56	peak
2	10608.000	36.97	12.39	49.36	74.00	-24.64	peak
3	11576.000	37.17	13.51	50.68	74.00	-23.32	peak
4	13589.000	34.88	16.08	50.96	74.00	-23.04	peak
5	16020.000	32.95	17.91	50.86	74.00	-23.14	peak
6	17714.000	30.47	22.62	53.09	74.00	-20.91	peak

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

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

3. Peak: Peak detector.

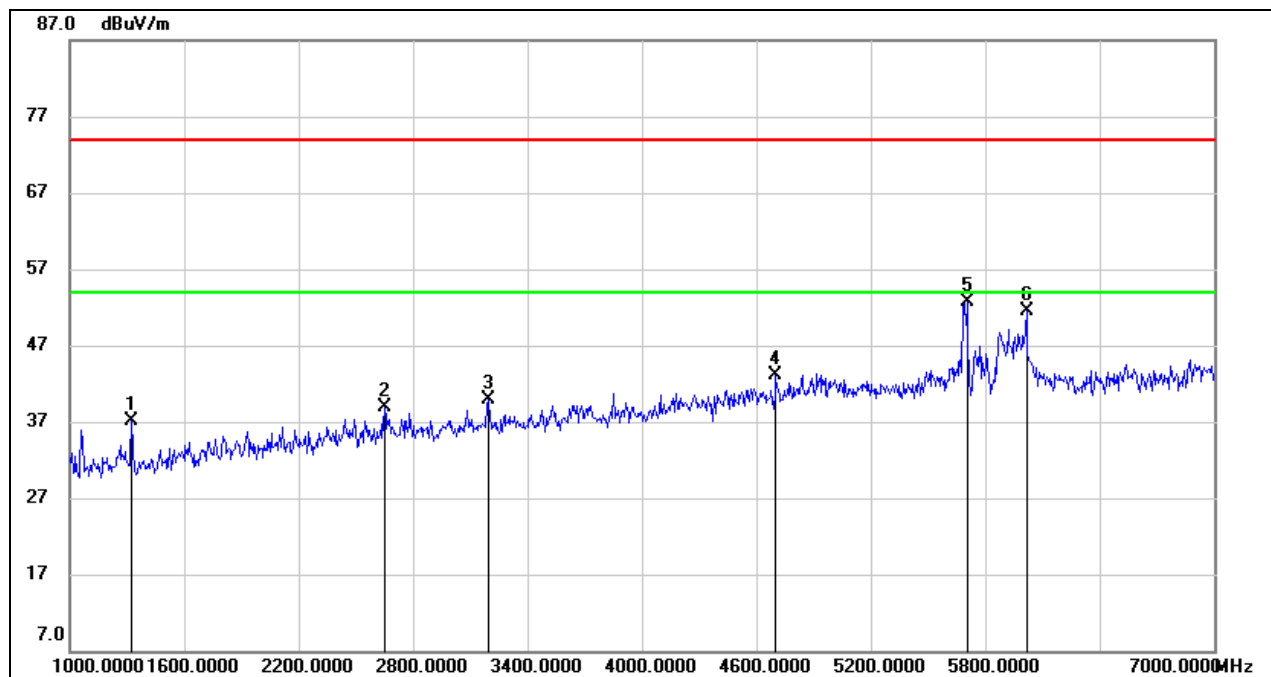
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

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.



VERTICAL RESULTS
1-7GHz

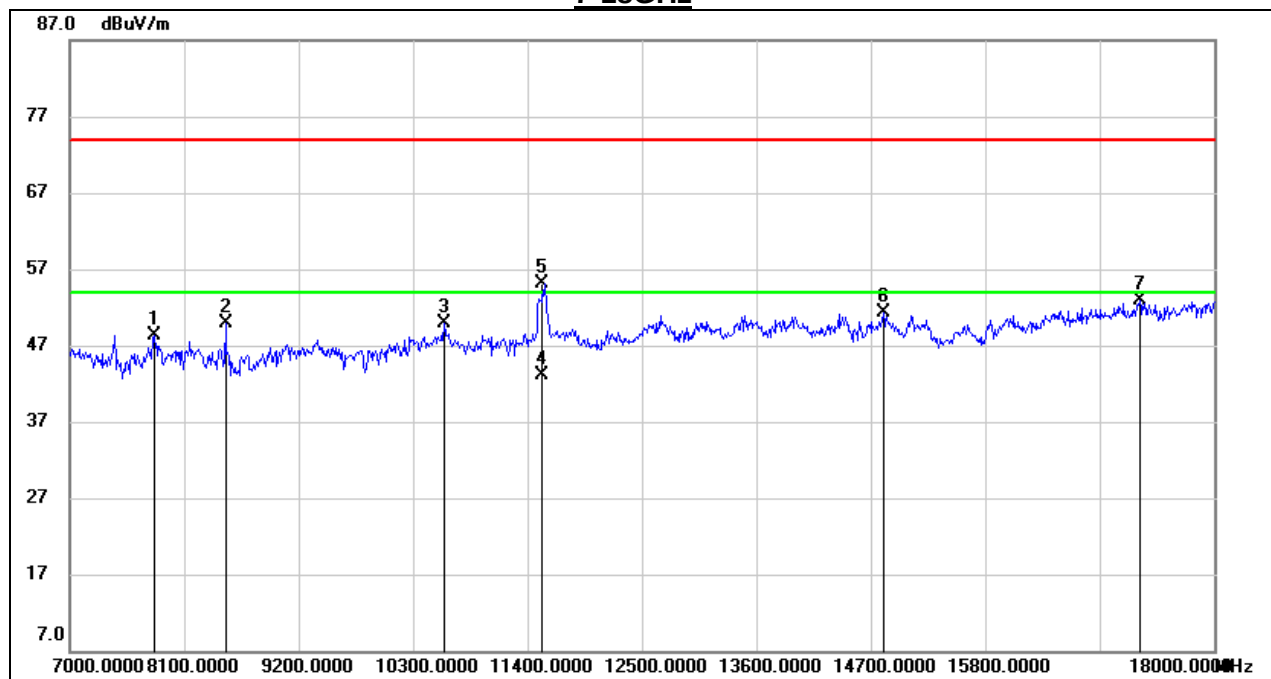


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1324.000	49.47	-12.31	37.16	74.00	-36.84	peak
2	2650.000	46.03	-7.07	38.96	74.00	-35.04	peak
3	3196.000	44.68	-4.73	39.95	74.00	-34.05	peak
4	4702.000	41.86	1.18	43.04	74.00	-30.96	peak
5	5704.000	48.88	3.87	52.75	74.00	-21.25	peak
6	6016.000	47.07	4.34	51.41	74.00	-22.59	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 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.



7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7814.000	40.23	8.10	48.33	74.00	-25.67	peak
2	8496.000	42.01	7.90	49.91	74.00	-24.09	peak
3	10597.000	37.41	12.43	49.84	74.00	-24.16	peak
4	11550.600	29.64	13.45	43.09	54.00	-10.91	AVG
5	11550.600	41.60	13.45	55.05	74.00	-18.95	peak
6	14821.000	35.18	16.09	51.27	74.00	-22.73	peak
7	17285.000	31.12	21.79	52.91	74.00	-21.09	peak

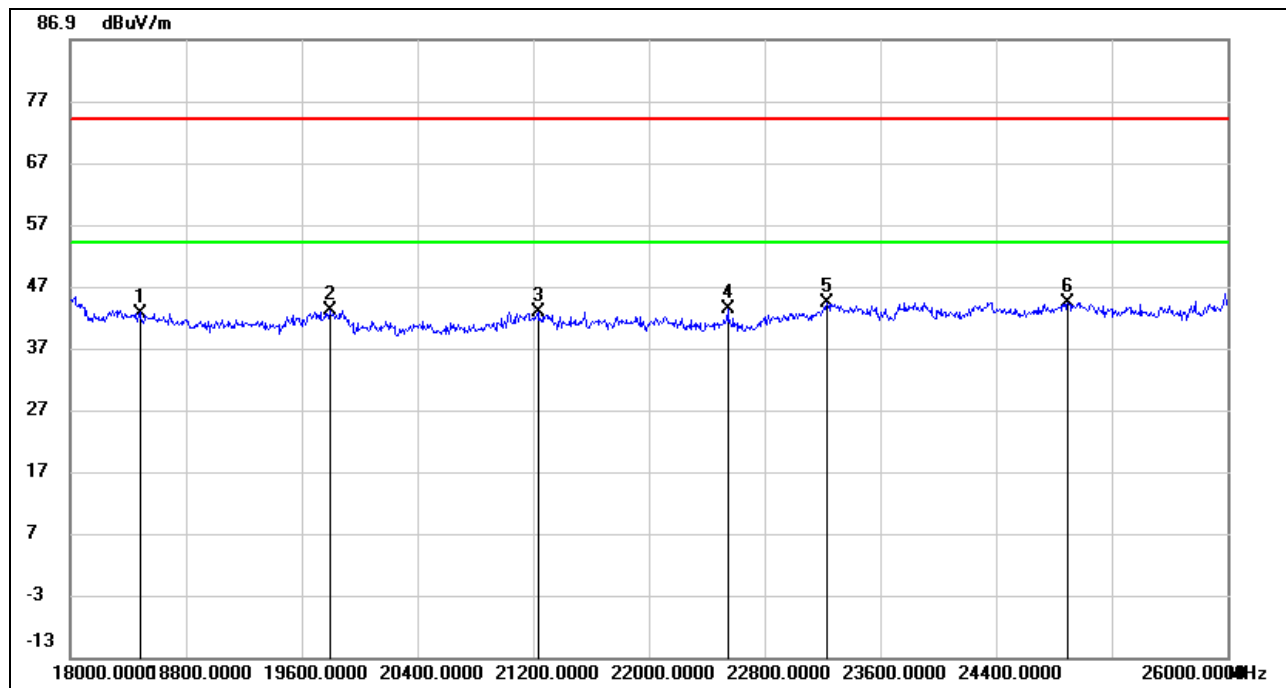
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For transmit duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. 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.



8.5. SPURIOUS EMISSIONS 18~26GHz

8.5.1. 802.11a MODE

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

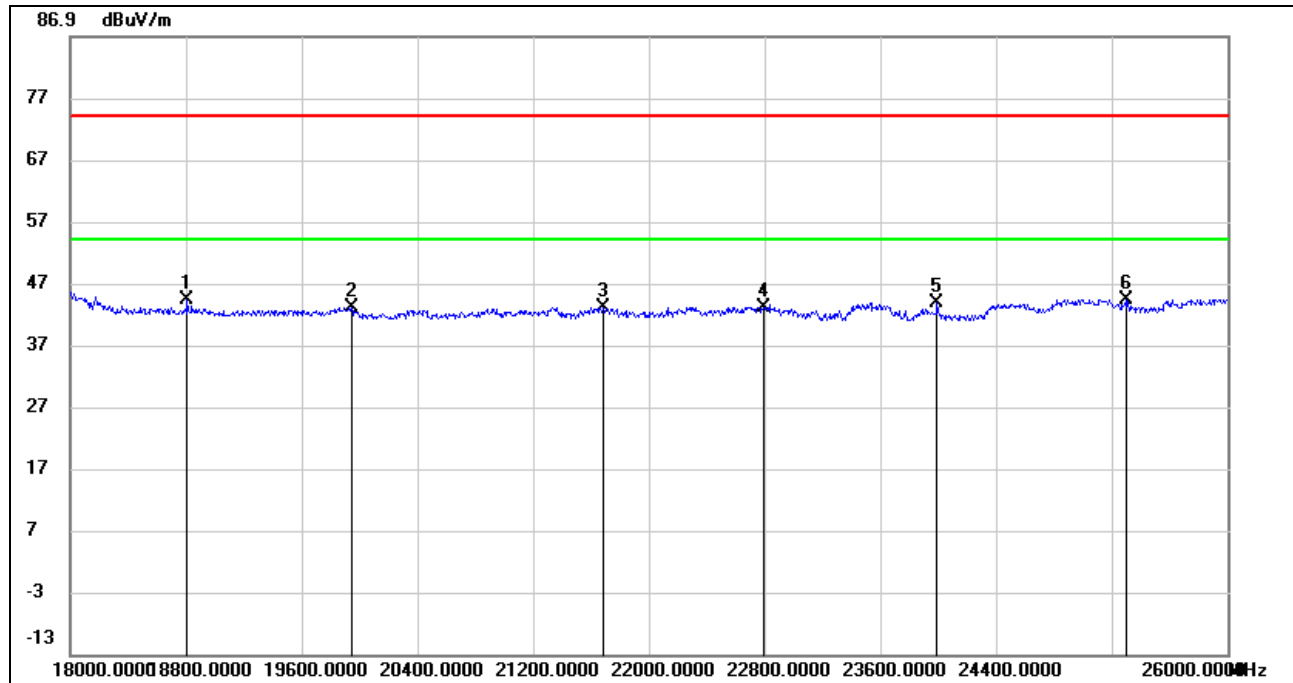


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18480.000	47.03	-4.38	42.65	74.00	-31.35	peak
2	19792.000	47.46	-4.35	43.11	74.00	-30.89	peak
3	21232.000	48.30	-5.49	42.81	74.00	-31.19	peak
4	22544.000	48.98	-5.79	43.19	74.00	-30.81	peak
5	23232.000	49.45	-5.28	44.17	74.00	-29.83	peak
6	24896.000	45.77	-1.44	44.33	74.00	-29.67	peak

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



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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18808.000	49.05	-4.85	44.20	74.00	-29.80	peak
2	19944.000	47.46	-4.37	43.09	74.00	-30.91	peak
3	21688.000	48.89	-5.76	43.13	74.00	-30.87	peak
4	22792.000	48.86	-5.71	43.15	74.00	-30.85	peak
5	23992.000	47.72	-4.03	43.69	74.00	-30.31	peak
6	25296.000	45.70	-1.30	44.40	74.00	-29.60	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.

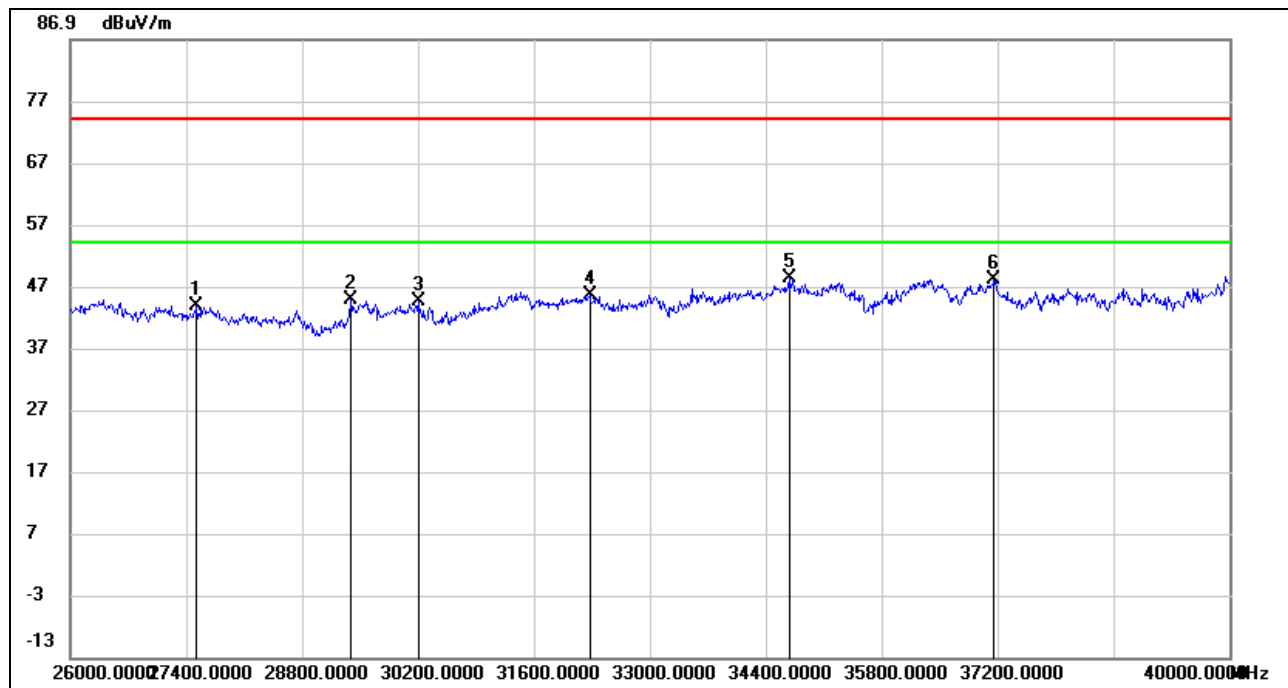
Note: All the test modes have been tested, only the worst data record in the report.



8.6. SPURIOUS EMISSIONS 26~40GHz

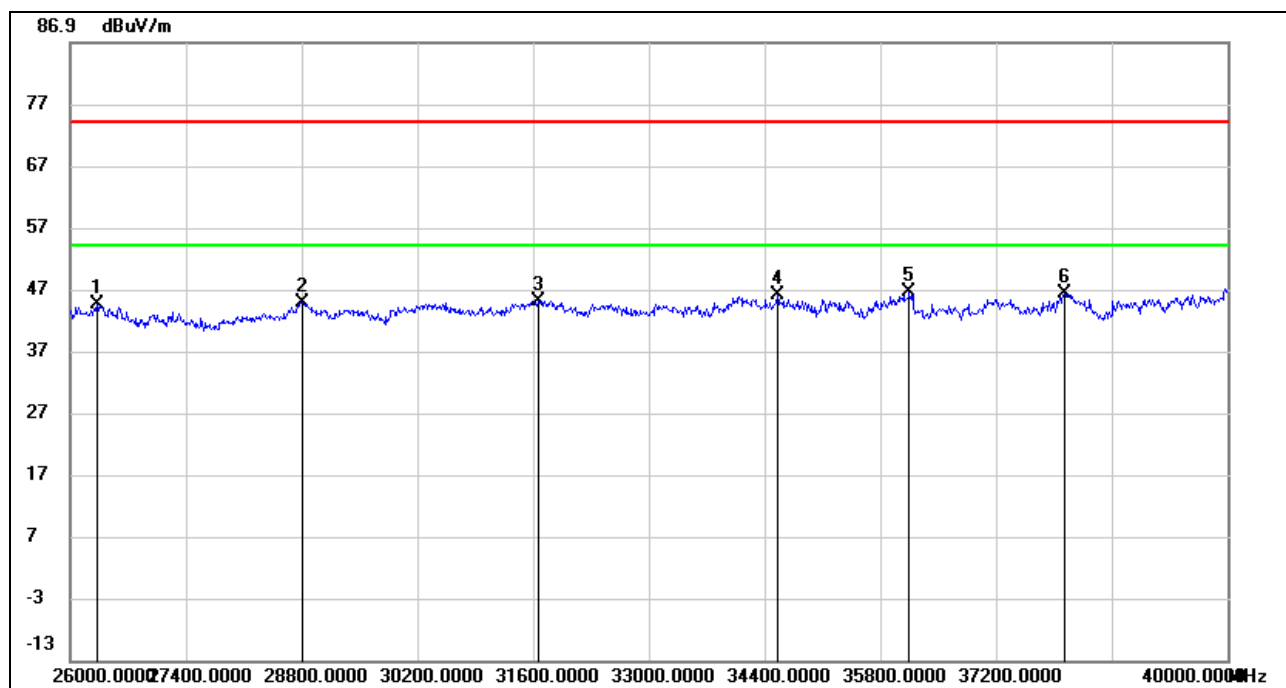
8.6.1. 802.11a MODE

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	27526.000	47.15	-3.43	43.72	74.00	-30.28	peak
2	29388.000	45.73	-0.84	44.89	74.00	-29.11	peak
3	30200.000	45.92	-1.32	44.60	74.00	-29.40	peak
4	32272.000	46.80	-1.22	45.58	74.00	-28.42	peak
5	34680.000	46.78	1.38	48.16	74.00	-25.84	peak
6	37158.000	44.81	3.17	47.98	74.00	-26.02	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. Proper operation of the transmitter prior to adding the filter to the measurement chain.

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

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26322.000	49.64	-5.18	44.46	74.00	-29.54	peak
2	28814.000	45.56	-0.75	44.81	74.00	-29.19	peak
3	31656.000	46.32	-1.21	45.11	74.00	-28.89	peak
4	34554.000	44.95	1.07	46.02	74.00	-27.98	peak
5	36150.000	43.01	3.57	46.58	74.00	-27.42	peak
6	38026.000	43.04	3.32	46.36	74.00	-27.64	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. Proper operation of the transmitter prior to adding the filter to the measurement chain.

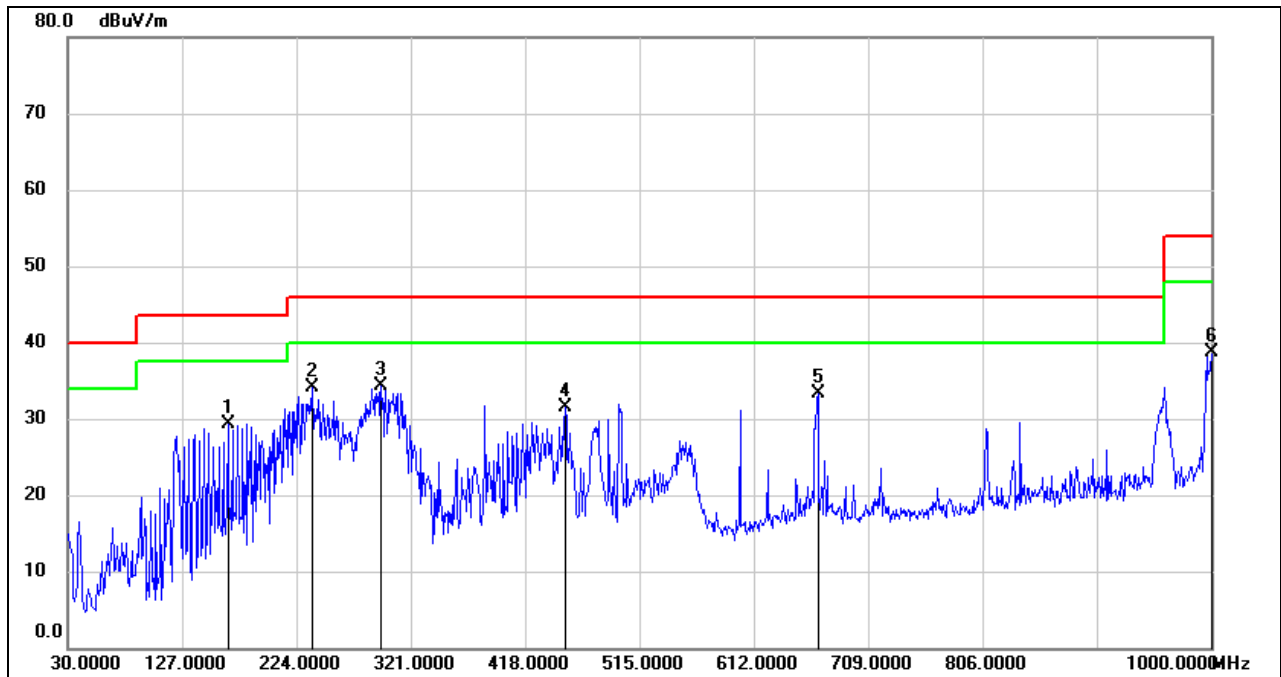
Note: All the test modes have been tested, only the worst data record in the report.



8.7. SPURIOUS EMISSIONS 30M ~ 1 GHz

8.7.1. 802.11a MODE

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

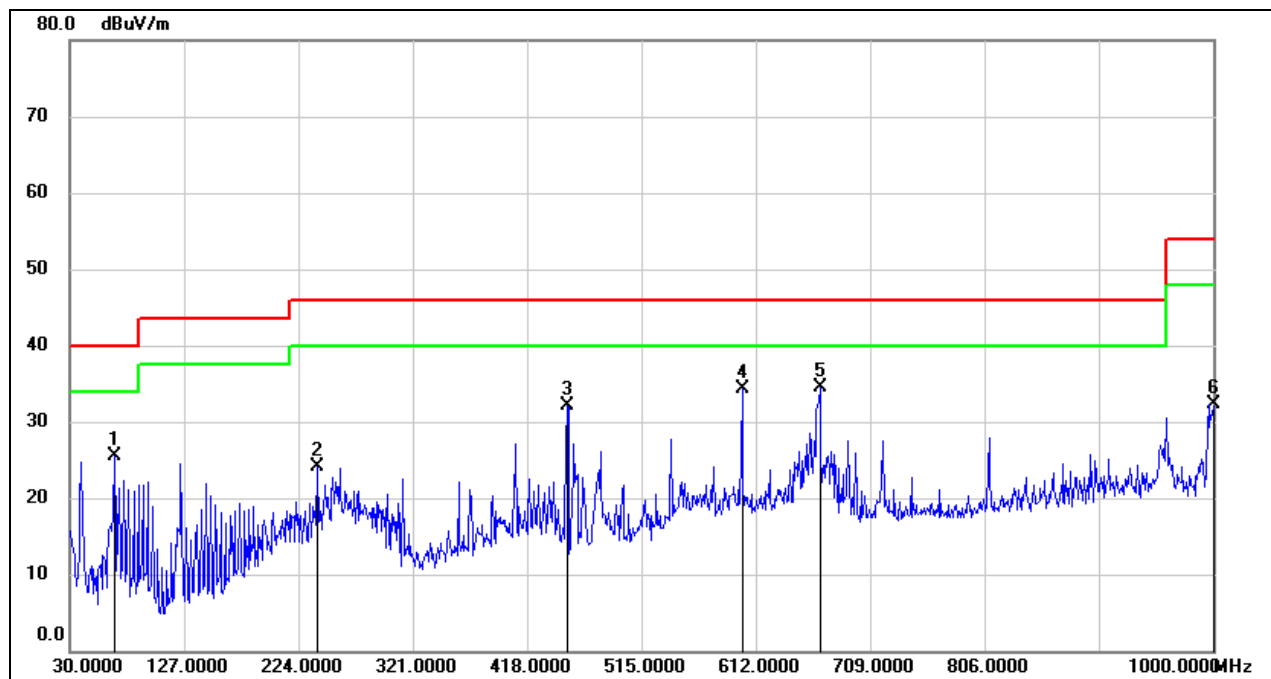


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	165.8000	46.71	-17.46	29.25	43.50	-14.25	QP
2	237.5800	51.57	-17.53	34.04	46.00	-11.96	QP
3	295.7800	48.73	-14.41	34.32	46.00	-11.68	QP
4	451.9500	43.41	-11.82	31.59	46.00	-14.41	QP
5	666.3200	40.95	-7.65	33.30	46.00	-12.70	QP
6	1000.0000	41.61	-2.84	38.77	54.00	-15.23	QP

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



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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	67.8300	45.37	-19.91	25.46	40.00	-14.54	QP
2	239.5200	41.28	-17.27	24.01	46.00	-21.99	QP
3	451.9500	44.01	-11.82	32.19	46.00	-13.81	QP
4	600.3600	43.20	-8.90	34.30	46.00	-11.70	QP
5	666.3200	42.07	-7.65	34.42	46.00	-11.58	QP
6	1000.0000	35.22	-2.84	32.38	54.00	-21.62	QP

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

Note: All the test modes have been tested, only the worst data record in the report.

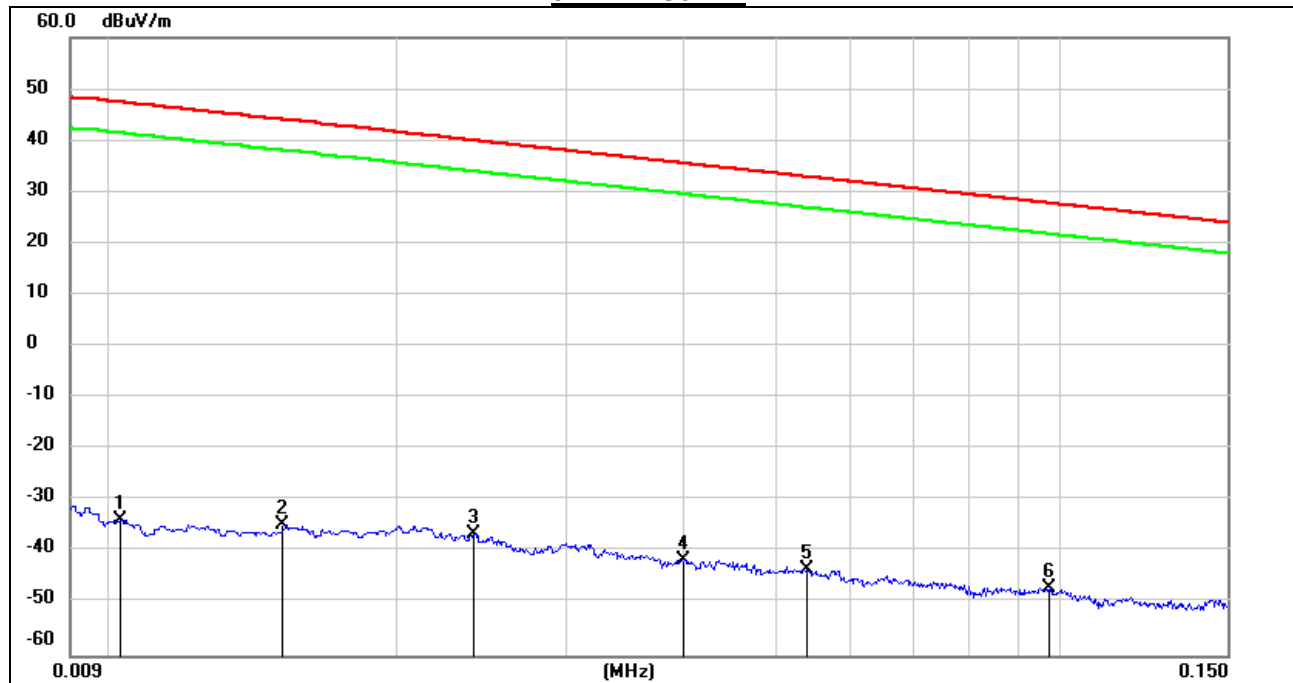


8.8. SPURIOUS EMISSIONS BELOW 30M

8.8.1. 802.11a MODE

SPURIOUS EMISSIONS (HIGH CHANNEL, LOOP ANTENNA FACE ON TO THE EUT, WORST-CASE CONFIGURATION)

9kHz~ 150kHz

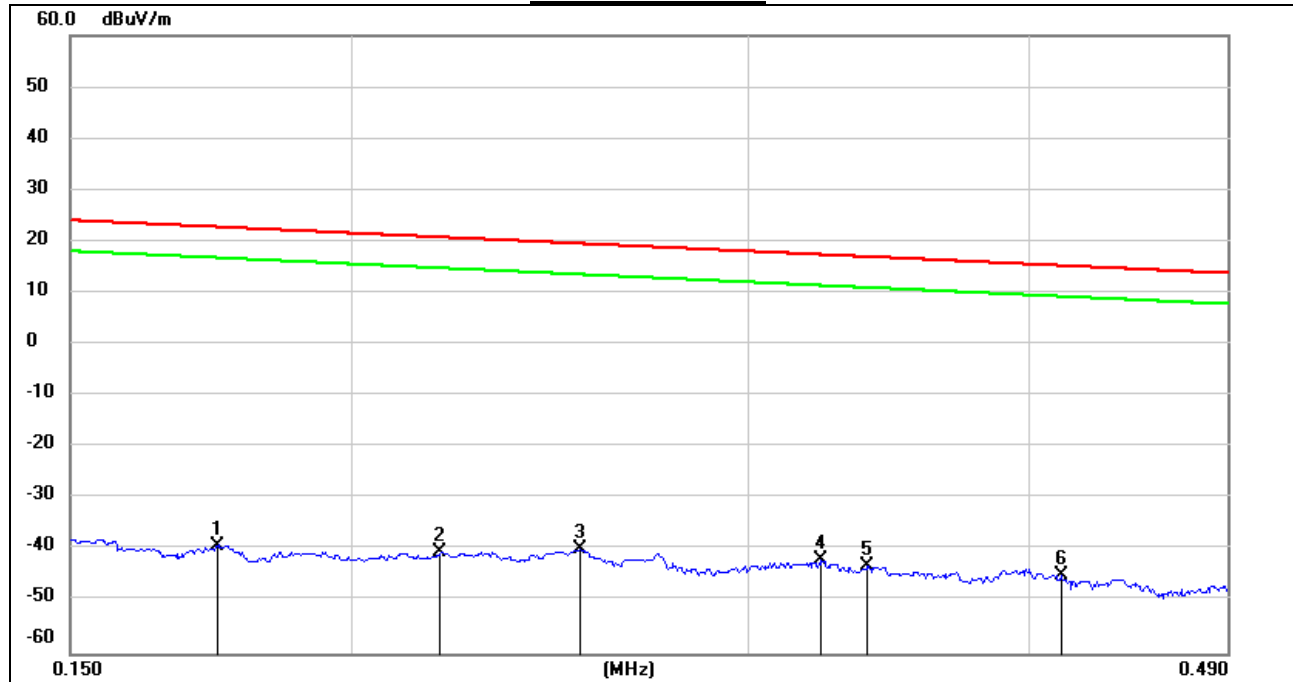


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0102	67.55	-101.40	-33.85	47.43	-81.28	peak
2	0.0151	66.61	-101.37	-34.76	44.02	-78.78	peak
3	0.0240	64.82	-101.36	-36.54	40.00	-76.54	peak
4	0.0400	59.98	-101.43	-41.45	35.56	-77.01	peak
5	0.0539	58.26	-101.50	-43.24	32.97	-76.21	peak
6	0.0974	54.77	-101.78	-47.01	27.83	-74.84	peak

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

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

3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

**150kHz ~ 490kHz**

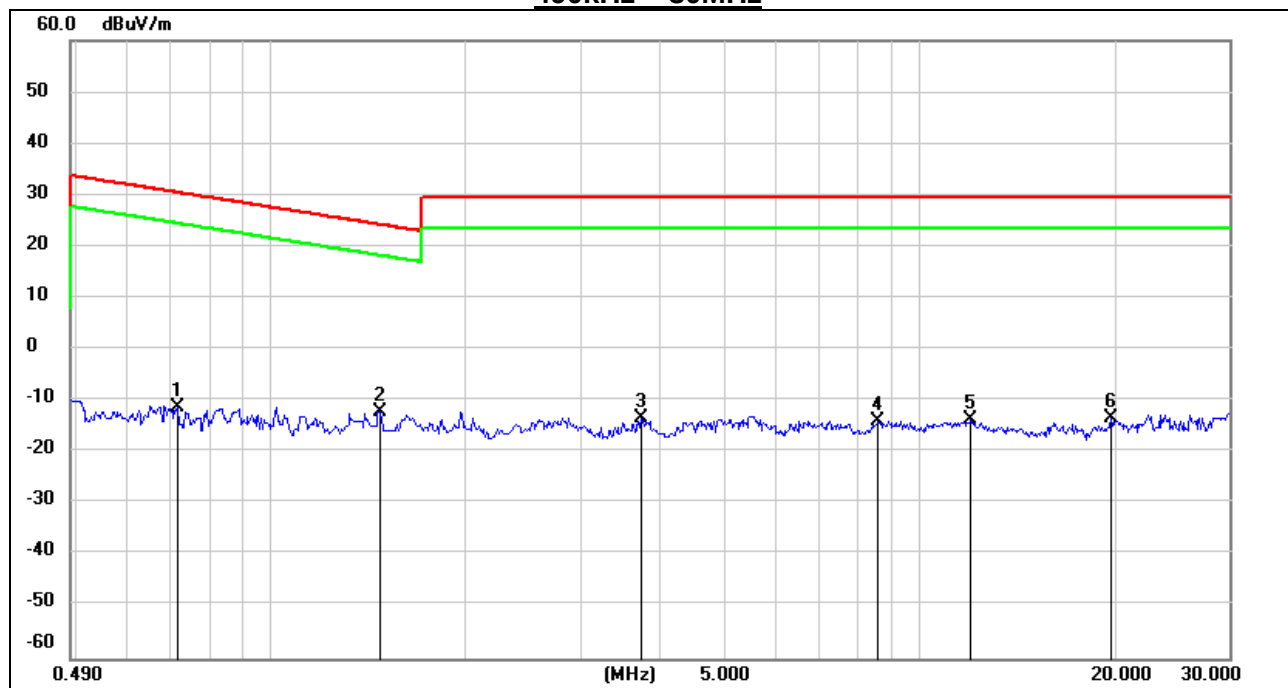
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1743	62.67	-101.67	-39.00	22.78	-61.78	peak
2	0.2190	61.27	-101.75	-40.48	20.79	-61.27	peak
3	0.2530	62.09	-101.80	-39.71	19.54	-59.25	peak
4	0.3234	59.98	-101.88	-41.90	17.41	-59.31	peak
5	0.3392	58.90	-101.90	-43.00	16.99	-59.99	peak
6	0.4132	57.05	-101.98	-44.93	15.28	-60.21	peak

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

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

3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

490kHz ~ 30MHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.7155	50.75	-62.10	-11.35	30.51	-41.86	peak
2	1.4700	49.89	-62.05	-12.16	24.26	-36.42	peak
3	3.7100	48.20	-61.41	-13.21	29.54	-42.75	peak
4	8.6348	47.10	-60.99	-13.89	29.54	-43.43	peak
5	12.0282	47.33	-60.89	-13.56	29.54	-43.10	peak
6	19.7895	47.42	-60.84	-13.42	29.54	-42.96	peak

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

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

3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

Note: All the test modes have been tested, only the worst data record in the report.

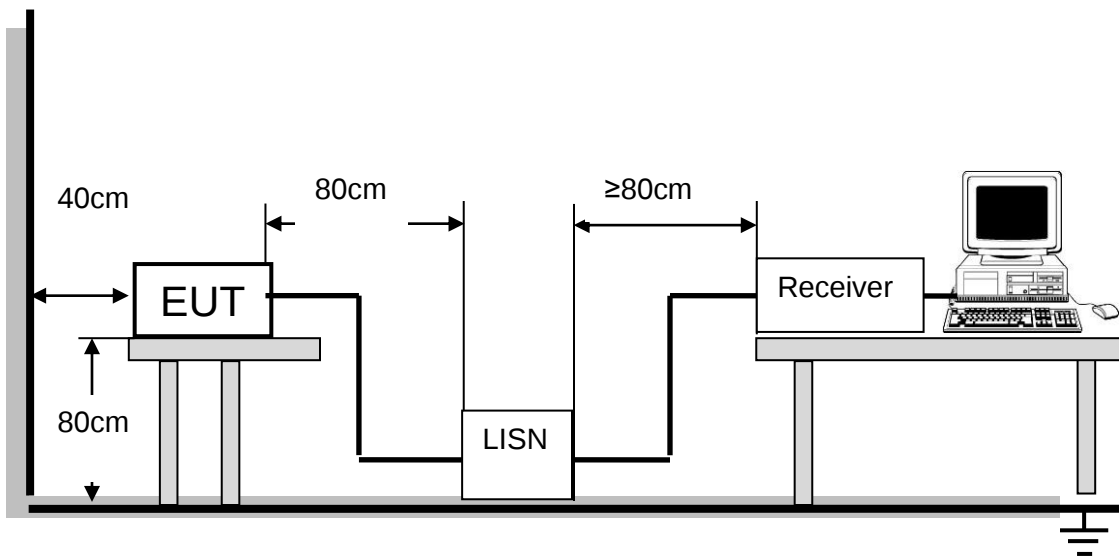
9. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to CFR 47 FCC §15.207 (a) and ISSED RSS-Gen Clause 8.8

FREQUENCY(MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

TEST SETUP AND PROCEDURE



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

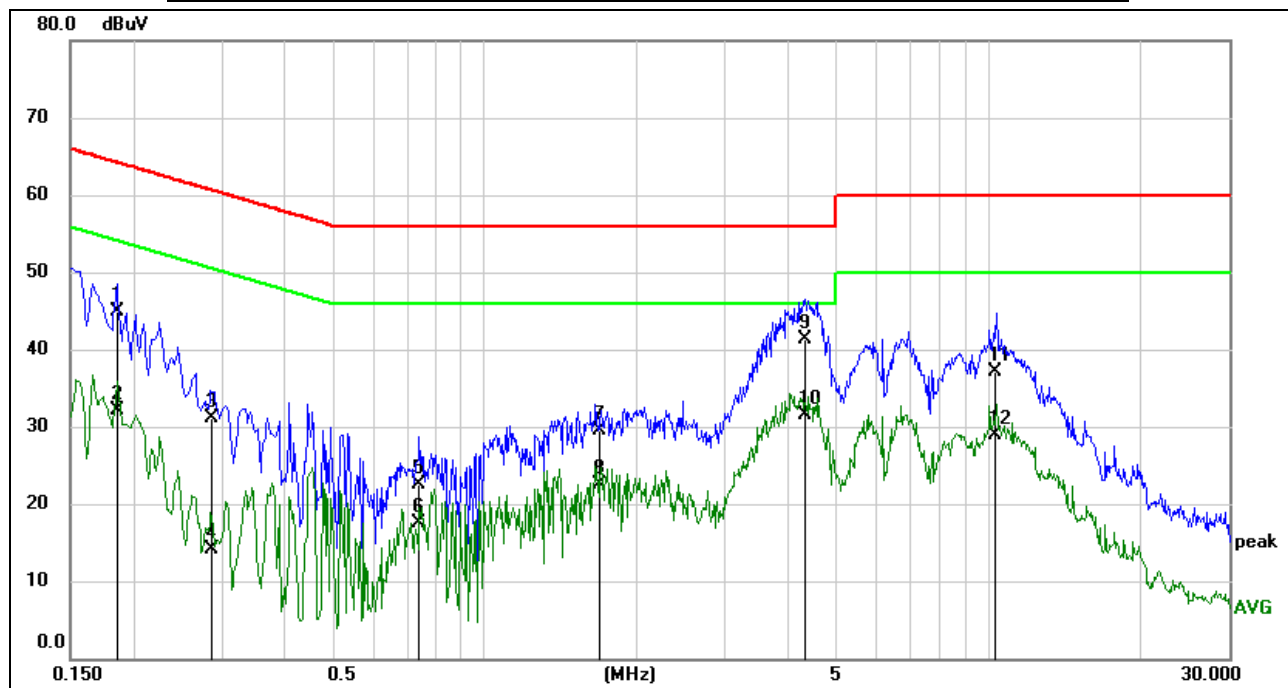
The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST RESULTS



9.1. 802.11a MODE

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



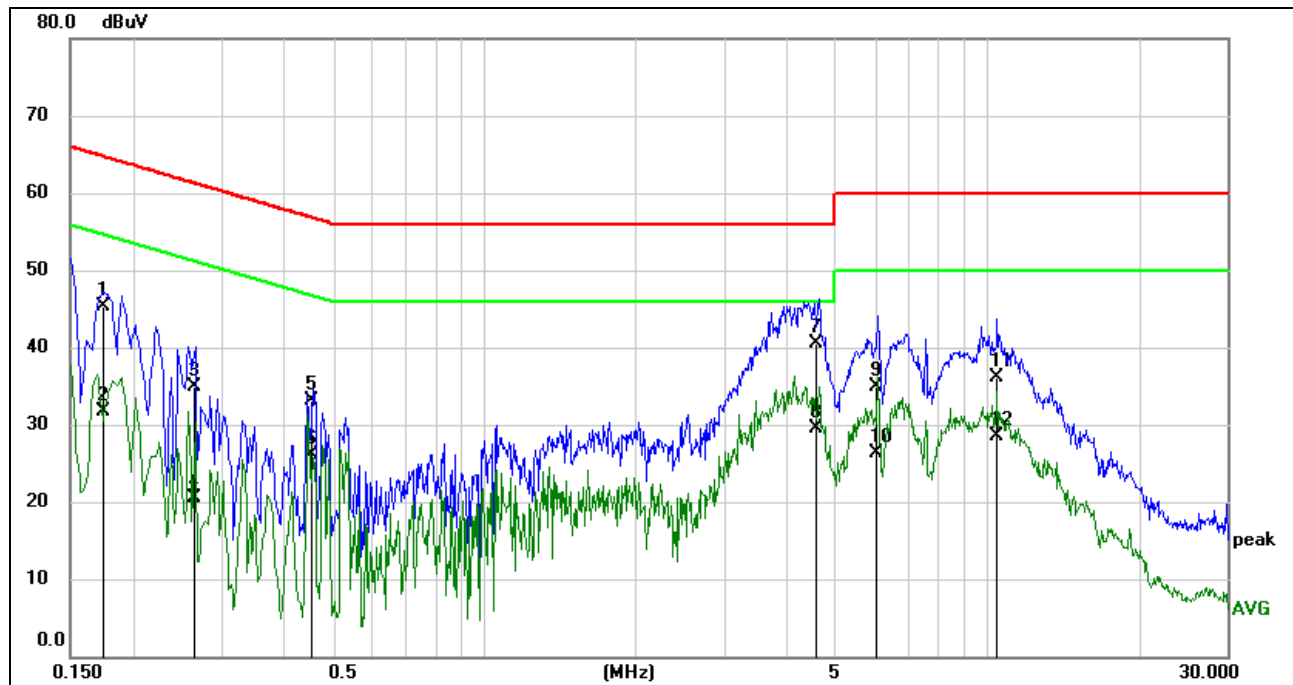
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1848	35.34	9.60	44.94	64.27	-19.33	QP
2	0.1848	22.58	9.60	32.18	54.27	-22.09	AVG
3	0.2872	21.57	9.60	31.17	60.60	-29.43	QP
4	0.2872	4.55	9.60	14.15	50.60	-36.45	AVG
5	0.7448	12.94	9.60	22.54	56.00	-33.46	QP
6	0.7448	7.88	9.60	17.48	46.00	-28.52	AVG
7	1.6855	19.89	9.62	29.51	56.00	-26.49	QP
8	1.6855	12.85	9.62	22.47	46.00	-23.53	AVG
9	4.3029	31.73	9.66	41.39	56.00	-14.61	QP
10	4.3029	21.91	9.66	31.57	46.00	-14.43	AVG
11	10.3212	27.28	9.77	37.05	60.00	-22.95	QP
12	10.3212	19.13	9.77	28.90	50.00	-21.10	AVG

Note: 1. Result = Reading +Correct Factor.

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

3. Test setup: RBW: 200 Hz (9 kHz-150 kHz), 9 kHz (150 kHz-30 MHz).

4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

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

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1737	35.63	9.61	45.24	64.78	-19.54	QP
2	0.1737	22.03	9.61	31.64	54.78	-23.14	AVG
3	0.2632	25.39	9.60	34.99	61.33	-26.34	QP
4	0.2632	10.93	9.60	20.53	51.33	-30.80	AVG
5	0.4540	23.56	9.60	33.16	56.80	-23.64	QP
6	0.4540	16.52	9.60	26.12	46.80	-20.68	AVG
7	4.5714	30.87	9.67	40.54	56.00	-15.46	QP
8	4.5714	19.74	9.67	29.41	46.00	-16.59	AVG
9	6.0225	25.14	9.71	34.85	60.00	-25.15	QP
10	6.0225	16.55	9.71	26.26	50.00	-23.74	AVG
11	10.4442	26.38	9.75	36.13	60.00	-23.87	QP
12	10.4442	18.68	9.75	28.43	50.00	-21.57	AVG

Note: 1. Result = Reading +Correct Factor.

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

3. Test setup: RBW: 200 Hz (9 kHz-150 kHz), 9 kHz (150 kHz-30 MHz).

4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Note: All the test modes have been tested, only the worst data record in the report.



10. FREQUENCY STABILITY

LIMITS

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

TEST SETUP AND PROCEDURE

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

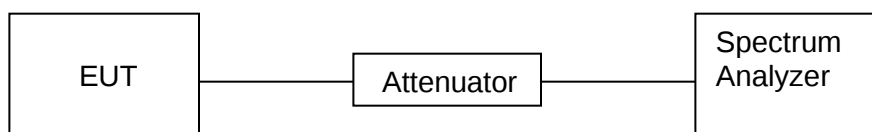
Center Frequency	The center frequency of the channel under test
Detector	PEAK
RBW	10kHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

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

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

User manual temperature is 0°C~70°C.

TEST SETUP



	Normal Test Conditions	Extreme Test Conditions
Temperature	NT(Normal Temperature): 23.4°C	LT(Low Temperature): 0°C
		HT(High Temperature): 70°C
Supply Voltage	NV(Normal Voltage): DC 5V	LT(Low Voltage): DC 4.25V
		HT(High Voltage): DC 5.75V



TEST RESULTS

Frequency Error vs. Voltage									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5200.02503	4.81	5200.02796	5.38	5200.0312	6.00	5200.02625	5.05
TN	VN	5200.02861	5.50	5200.02792	5.37	5200.04244	8.16	5200.02831	5.44
TN	VH	5200.02588	4.98	5200.03036	5.84	5200.04122	7.93	5200.03936	7.57
Frequency Error vs. Temperature									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
70	VN	5200.02692	5.18	5200.03308	6.36	5200.02422	4.66	5200.02121	4.08
60	VN	5200.02773	5.33	5200.04381	8.42	5200.02989	5.75	5200.04556	8.76
50	VN	5200.03449	6.63	5200.04561	8.77	5200.03216	6.18	5200.04537	8.72
40	VN	5200.03341	6.42	5200.02877	5.53	5200.03344	6.43	5200.02587	4.98
30	VN	5200.04566	8.78	5200.03713	7.14	5200.03655	7.03	5200.02679	5.15
20	VN	5200.02852	5.49	5200.03662	7.04	5200.0371	7.14	5200.03381	6.50
10	VN	5200.02763	5.31	5200.03837	7.38	5200.03135	6.03	5200.03875	7.45
0	VN	5200.02424	4.66	5200.03622	6.97	5200.04289	8.25	5200.02267	4.36

Frequency Error vs. Voltage									
802.11a:5825MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5825.03248	5.58	5825.03574	6.14	5825.04554	7.82	5825.04365	7.49
TN	VN	5825.02223	3.82	5825.0404	6.94	5825.03174	5.45	5825.04552	7.82
TN	VH	5825.02649	4.55	5825.04108	7.05	5825.0243	4.17	5825.03354	5.76
Frequency Error vs. Temperature									
802.11a:5825MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
70	VN	5825.03183	5.46	5825.02234	3.83	5825.02629	4.51	5825.0443	7.61
60	VN	5825.0279	4.79	5825.02253	3.87	5825.03815	6.55	5825.04675	8.03



50	VN	5825.02793	4.79	5825.04528	7.77	5825.04129	7.09	5825.04217	7.24
40	VN	5825.04106	7.05	5825.0289	4.96	5825.02266	3.89	5825.04362	7.49
30	VN	5825.04297	7.38	5825.02786	4.78	5825.03744	6.43	5825.02603	4.47
20	VN	5825.04574	7.85	5825.03089	5.30	5825.04103	7.04	5825.02974	5.11
10	VN	5825.02991	5.14	5825.02623	4.50	5825.02337	4.01	5825.03966	6.81
0	VN	5825.04119	7.07	5825.03588	6.16	5825.03399	5.83	5825.04699	8.07

Note: All the test modes have been tested, only the worst data record in the report.



11. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §15.203

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

Please refer to FCC §15.247(b)(4)

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

RESULTS

Complies

END OF REPORT