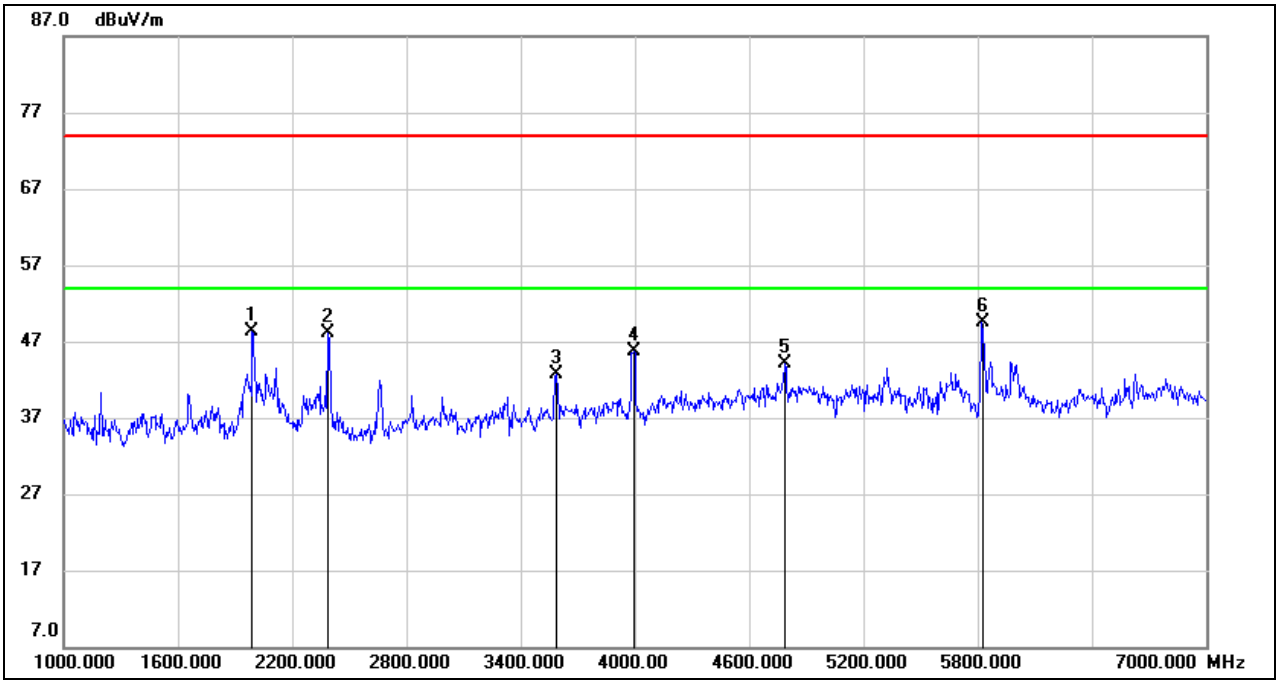
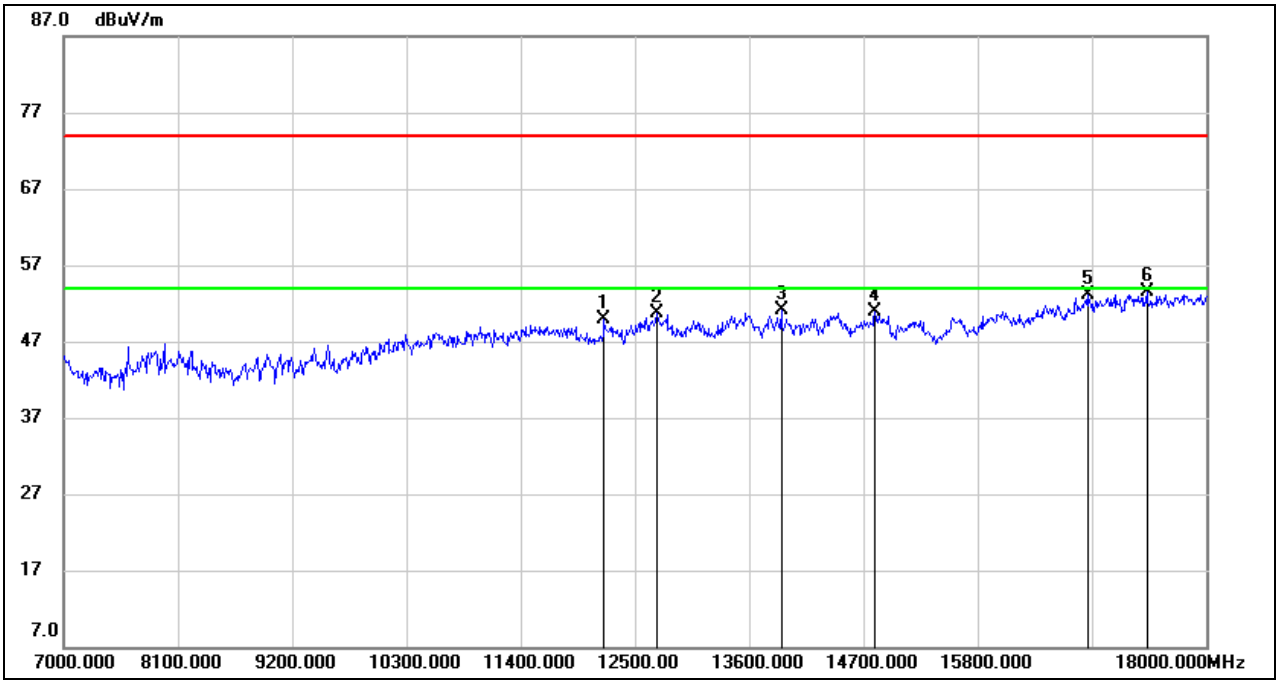
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1990.000	58.54	-10.24	48.30	74.00	-25.70	peak
2	2386.000	56.68	-8.67	48.01	74.00	-25.99	peak
3	3586.000	47.23	-4.55	42.68	74.00	-31.32	peak
4	3994.000	49.47	-3.73	45.74	74.00	-28.26	peak
5	4786.000	43.66	0.44	44.10	74.00	-29.90	peak
6	5825.000	47.47	2.03	49.50	74.00	-24.50	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. 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 was 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	12203.000	35.71	14.12	49.83	74.00	-24.17	peak
2	12709.000	36.05	14.59	50.64	74.00	-23.36	peak
3	13908.000	34.89	16.16	51.05	74.00	-22.95	peak
4	14810.000	34.84	16.07	50.91	74.00	-23.09	peak
5	16856.000	32.94	20.13	53.07	74.00	-20.93	peak
6	17428.000	32.05	21.50	53.55	74.00	-20.45	peak

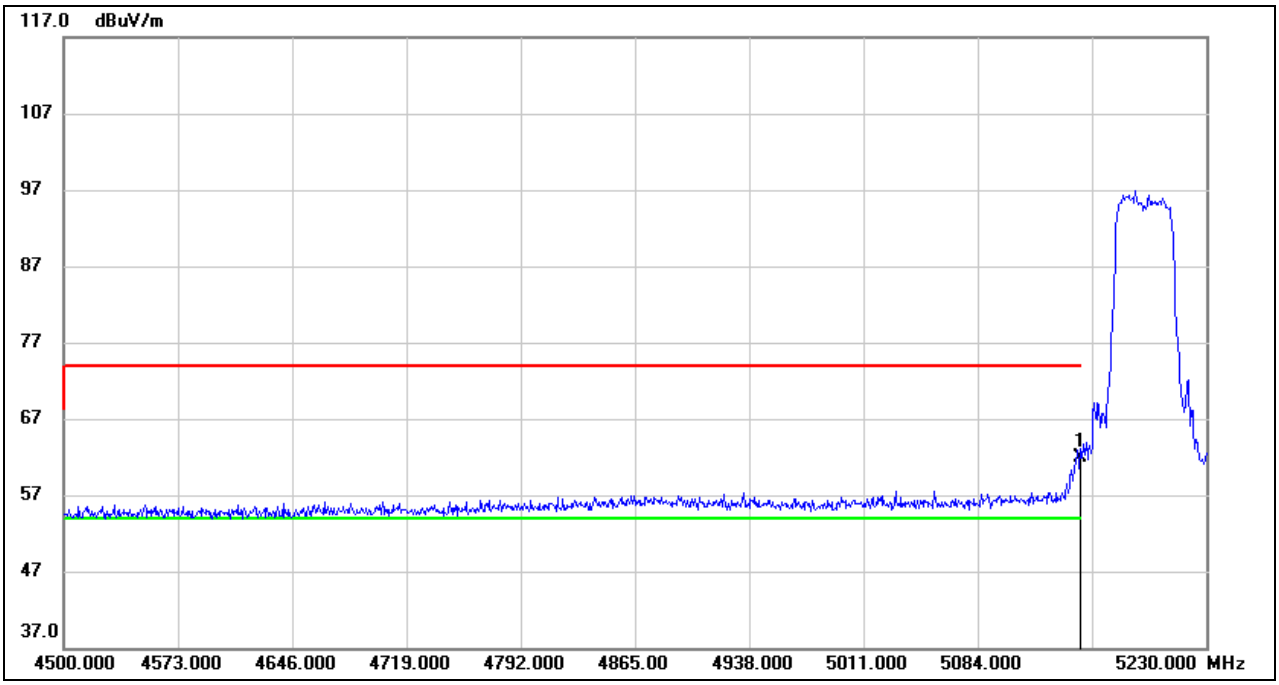
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
5. Proper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

8.3. 802.11ac VHT40 MODE

8.3.1. UNII-1 BAND

RESTRICTED BANDEDGE LOW CHANNEL

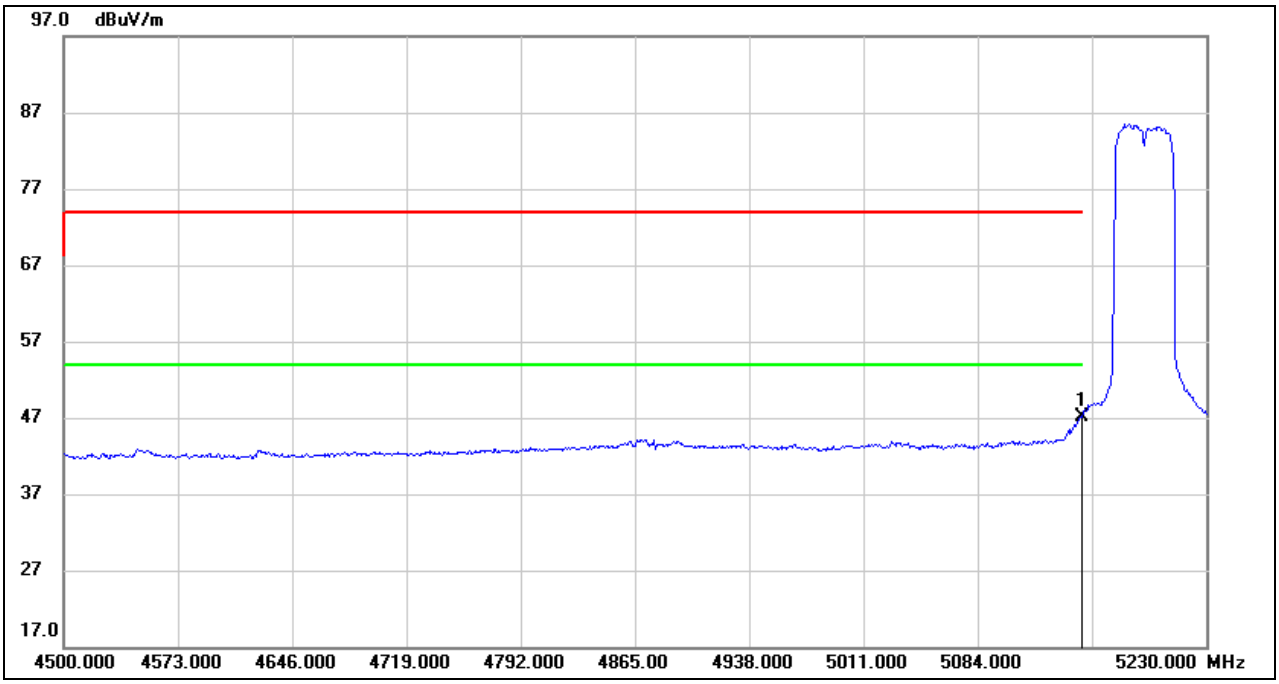
HORIZONTAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	21.44	40.46	61.90	74.00	-12.10	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. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

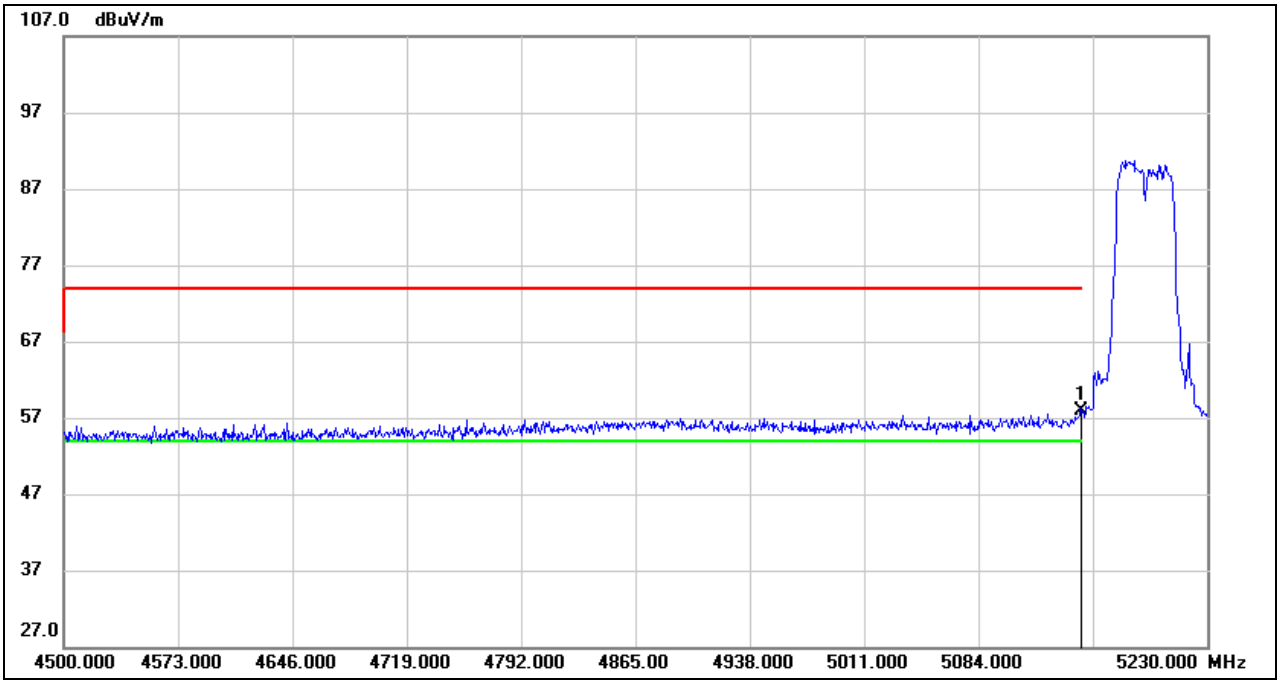
AVG



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5150.000	6.67	40.46	47.13	54.00	-6.87	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.

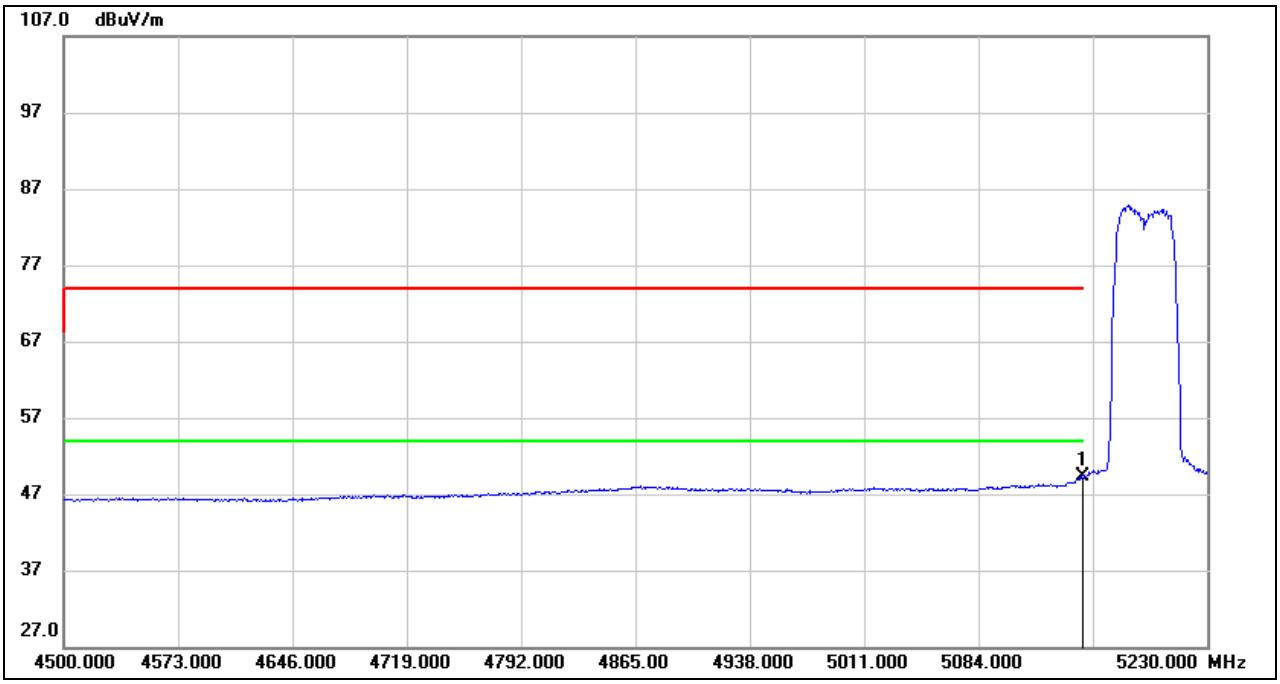
VERTICAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5150.000	17.46	40.46	57.92	74.00	-16.08	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. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG

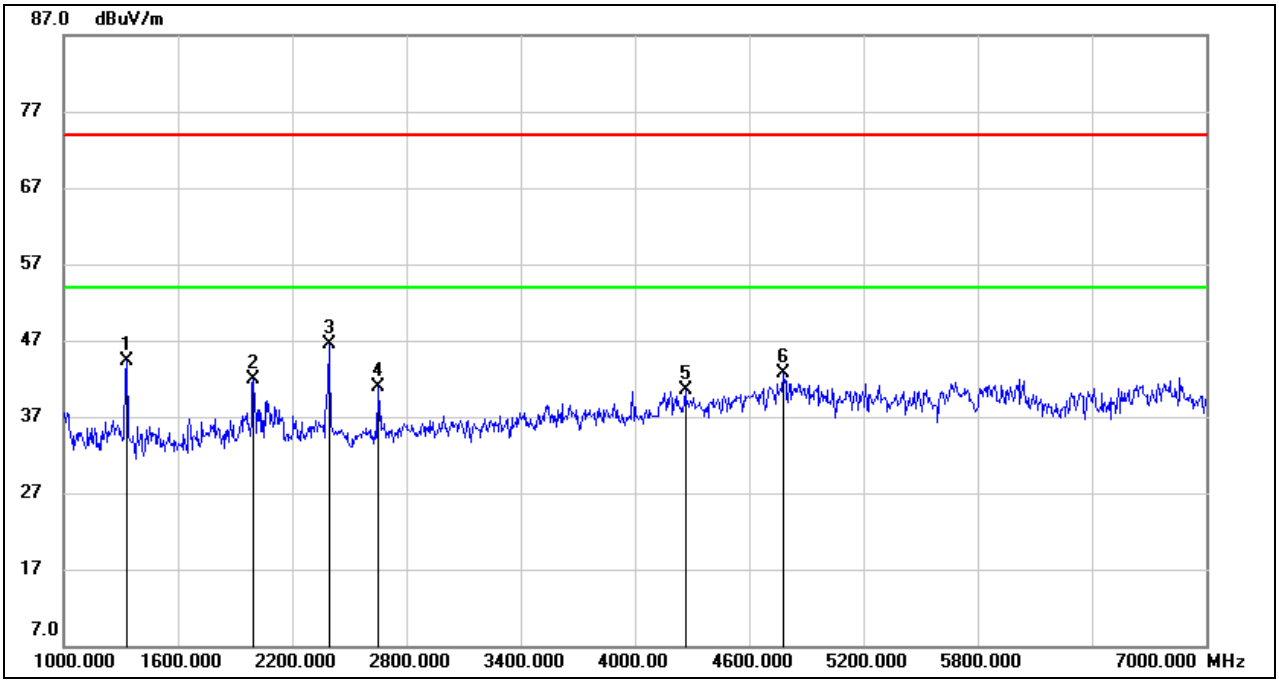


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5150.000	8.94	40.46	49.40	54.00	-4.60	AVG

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.
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

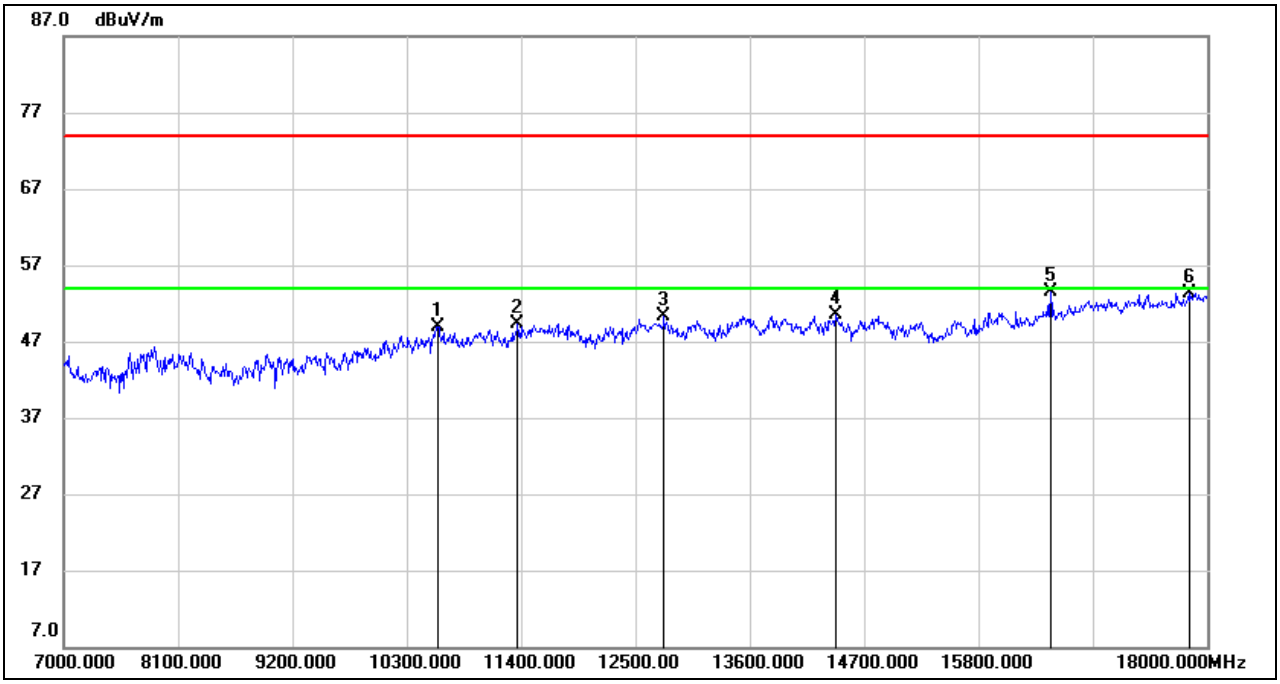
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1330.000	57.12	-12.88	44.24	74.00	-29.76	peak
2	1996.000	52.08	-10.24	41.84	74.00	-32.16	peak
3	2392.000	55.12	-8.63	46.49	74.00	-27.51	peak
4	2650.000	48.85	-7.87	40.98	74.00	-33.02	peak
5	4264.000	42.34	-1.84	40.50	74.00	-33.50	peak
6	4780.000	42.26	0.41	42.67	74.00	-31.33	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 was deemed to comply with the limits list in the standard.

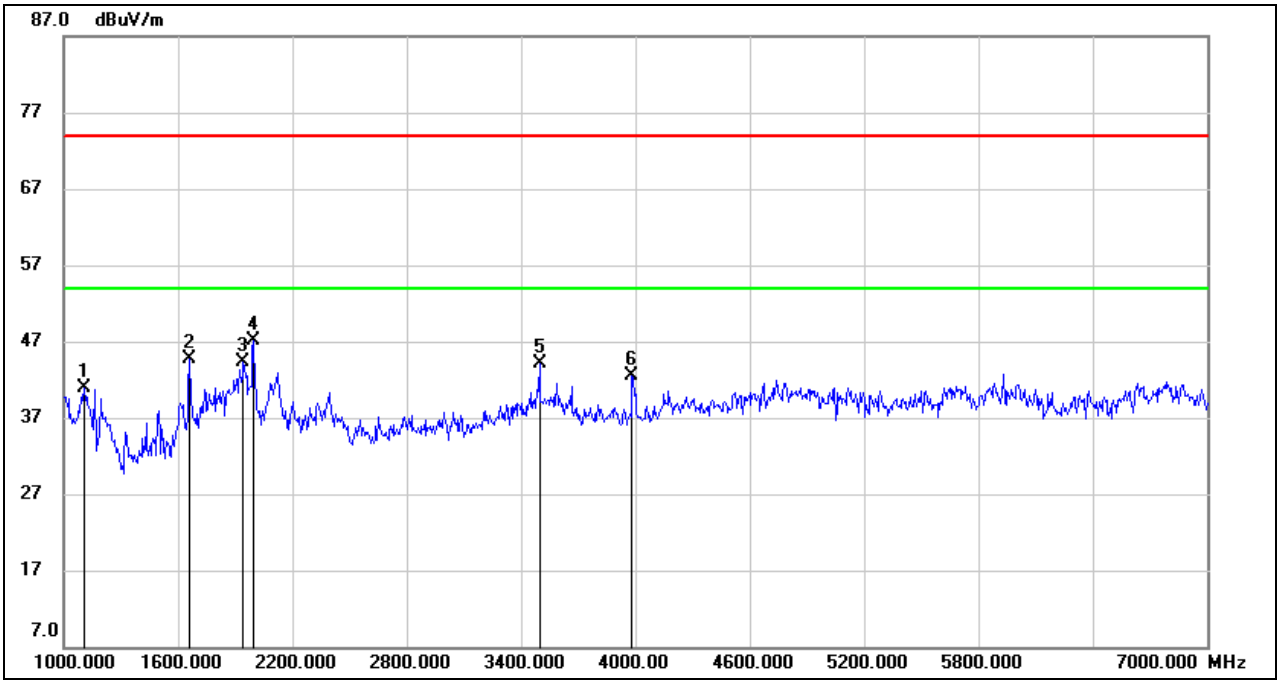
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10597.000	36.47	12.43	48.90	74.00	-25.10	peak
2	11367.000	36.67	12.58	49.25	74.00	-24.75	peak
3	12775.000	34.52	15.74	50.26	74.00	-23.74	peak
4	14425.000	33.87	16.65	50.52	74.00	-23.48	peak
5	16493.000	33.98	19.59	53.57	74.00	-20.43	peak
6	17824.000	29.88	23.42	53.30	74.00	-20.70	peak

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

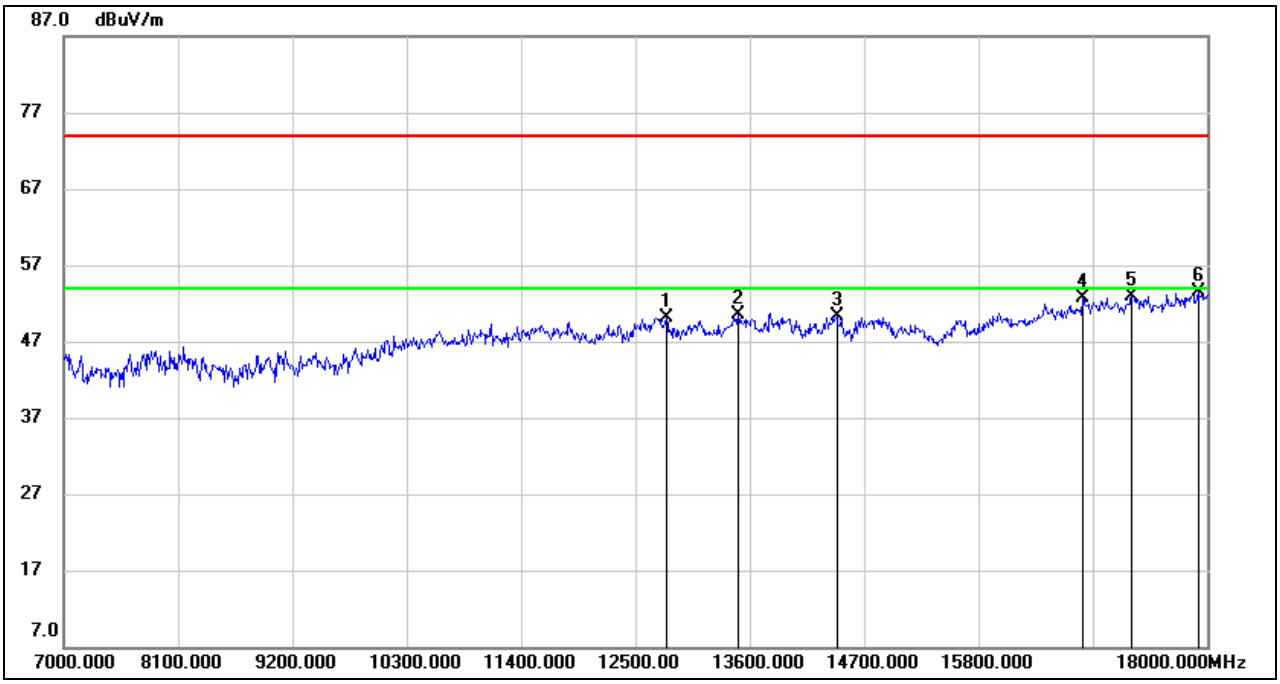
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1108.000	54.38	-13.53	40.85	74.00	-33.15	peak
2	1660.000	55.78	-11.16	44.62	74.00	-29.38	peak
3	1942.000	54.50	-10.20	44.30	74.00	-29.70	peak
4	1996.000	57.36	-10.24	47.12	74.00	-26.88	peak
5	3496.000	49.20	-5.03	44.17	74.00	-29.83	peak
6	3982.000	46.23	-3.71	42.52	74.00	-31.48	peak

Note: 1. Measurement = Reading 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 was deemed to comply with the limits list in the standard.

7-18GHz

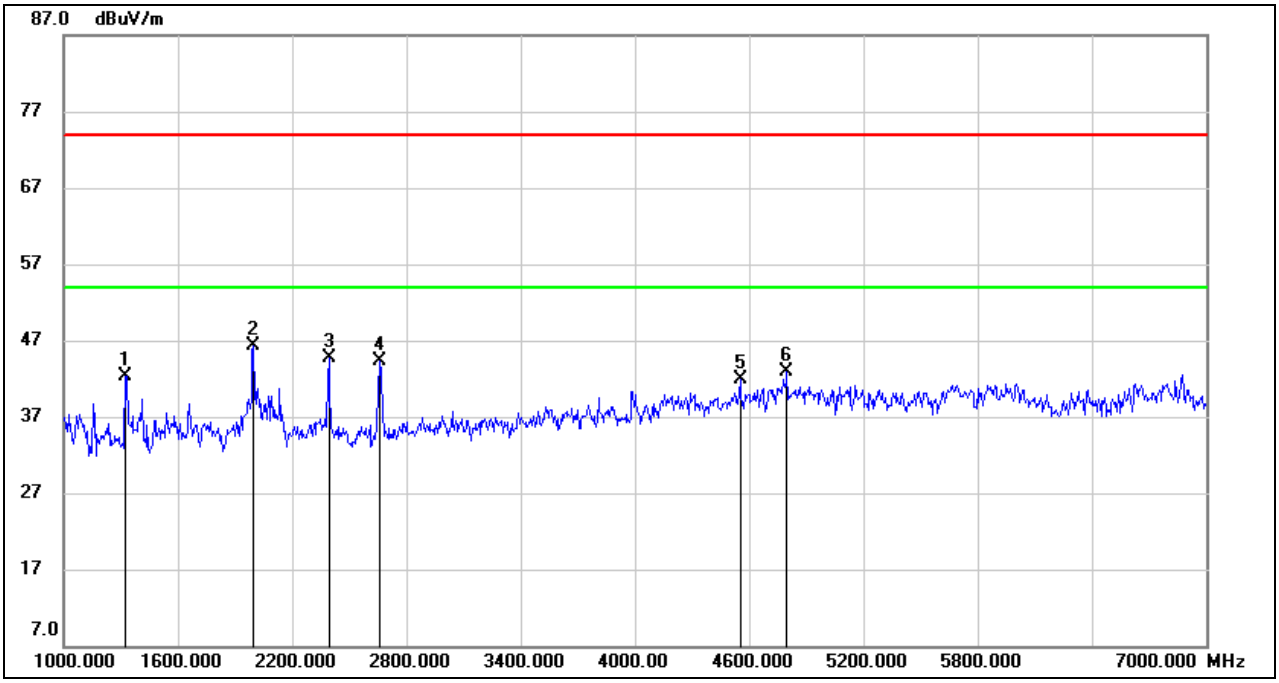


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12797.000	33.96	16.12	50.08	74.00	-23.92	peak
2	13490.000	34.50	15.93	50.43	74.00	-23.57	peak
3	14436.000	33.72	16.64	50.36	74.00	-23.64	peak
4	16801.000	32.58	20.19	52.77	74.00	-21.23	peak
5	17274.000	31.27	21.71	52.98	74.00	-21.02	peak
6	17912.000	30.13	23.42	53.55	74.00	-20.45	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 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 was deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

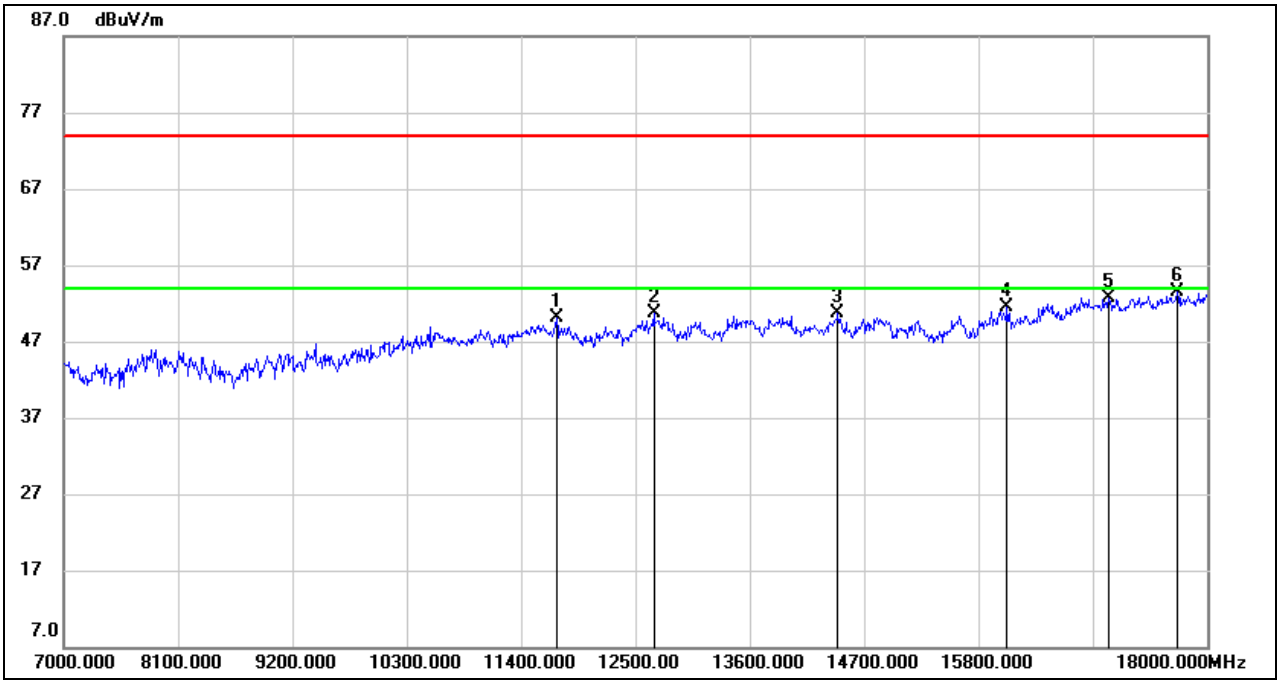
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1324.000	55.28	-12.89	42.39	74.00	-31.61	peak
2	1996.000	56.48	-10.24	46.24	74.00	-27.76	peak
3	2392.000	53.32	-8.63	44.69	74.00	-29.31	peak
4	2656.000	52.17	-7.83	44.34	74.00	-29.66	peak
5	4552.000	42.82	-0.98	41.84	74.00	-32.16	peak
6	4798.000	42.37	0.52	42.89	74.00	-31.11	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 was deemed to comply with the limits list in the standard.

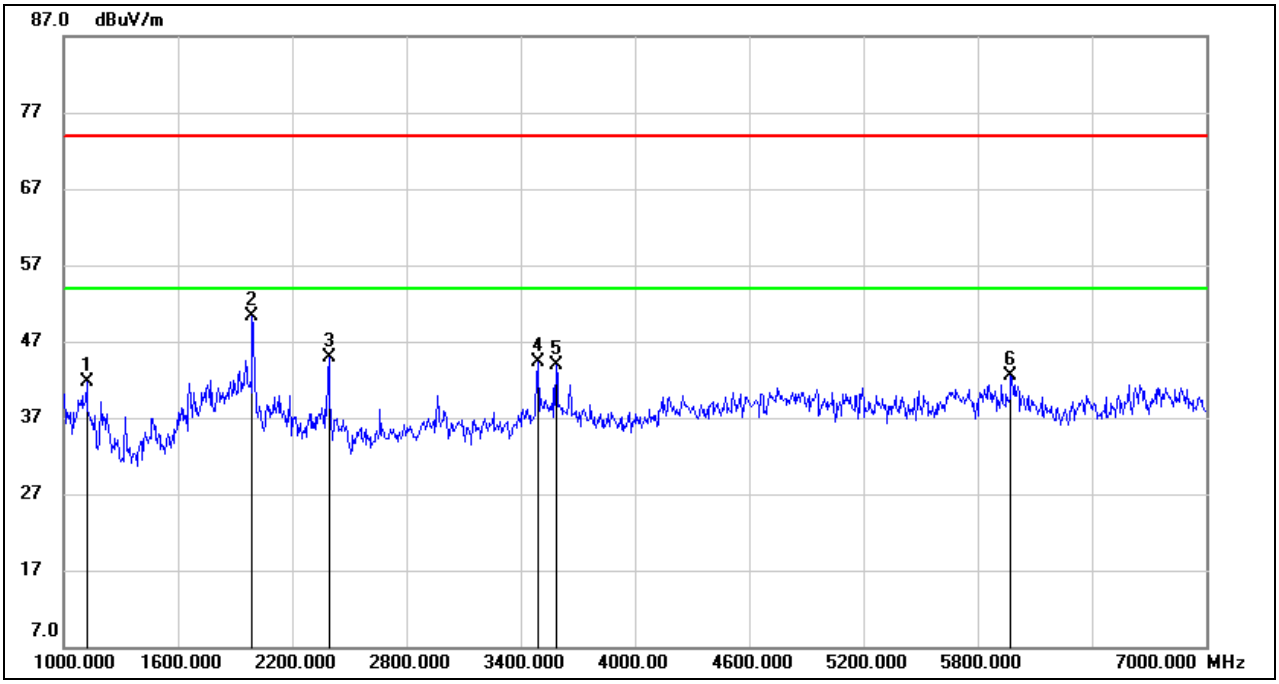
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11741.000	36.93	13.13	50.06	74.00	-23.94	peak
2	12676.000	36.29	14.38	50.67	74.00	-23.33	peak
3	14447.000	34.06	16.63	50.69	74.00	-23.31	peak
4	16075.000	33.24	18.20	51.44	74.00	-22.56	peak
5	17054.000	31.96	20.76	52.72	74.00	-21.28	peak
6	17714.000	30.83	22.62	53.45	74.00	-20.55	peak

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

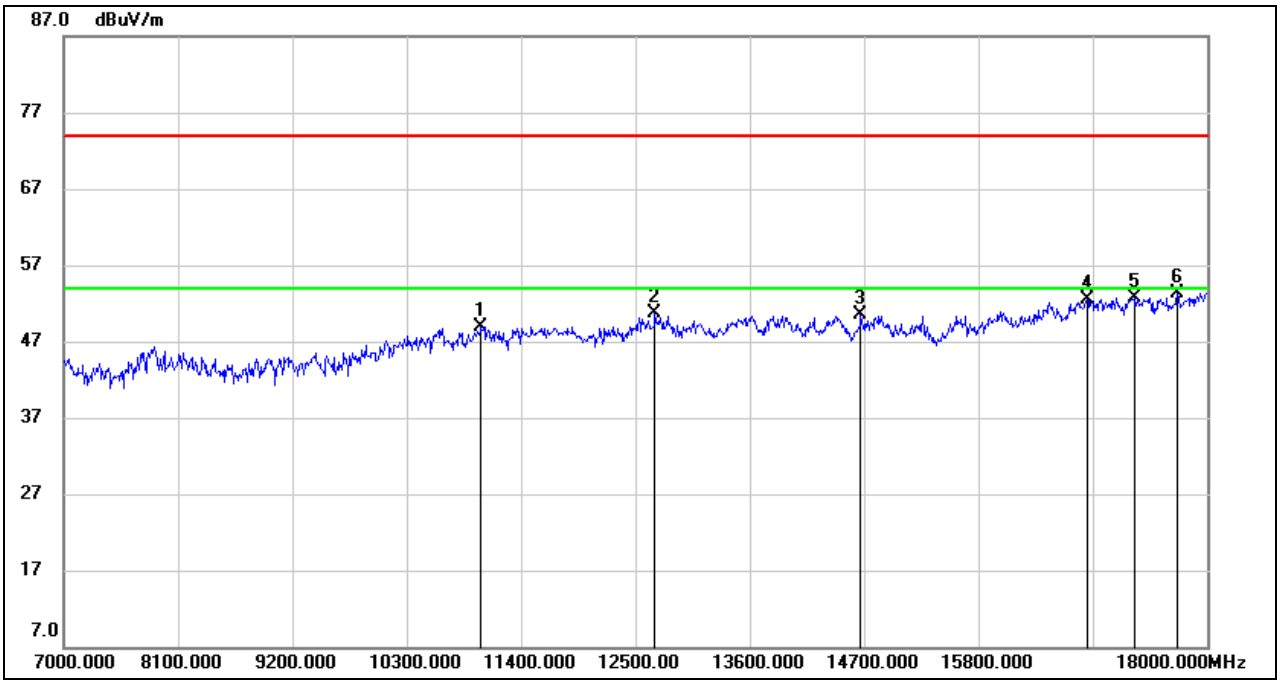
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1120.000	55.11	-13.46	41.65	74.00	-32.35	peak
2	1990.000	60.58	-10.24	50.34	74.00	-23.66	peak
3	2392.000	53.59	-8.63	44.96	74.00	-29.04	peak
4	3490.000	49.41	-5.06	44.35	74.00	-29.65	peak
5	3586.000	48.42	-4.55	43.87	74.00	-30.13	peak
6	5974.000	39.91	2.53	42.44	74.00	-31.56	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 complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

7-18GHz



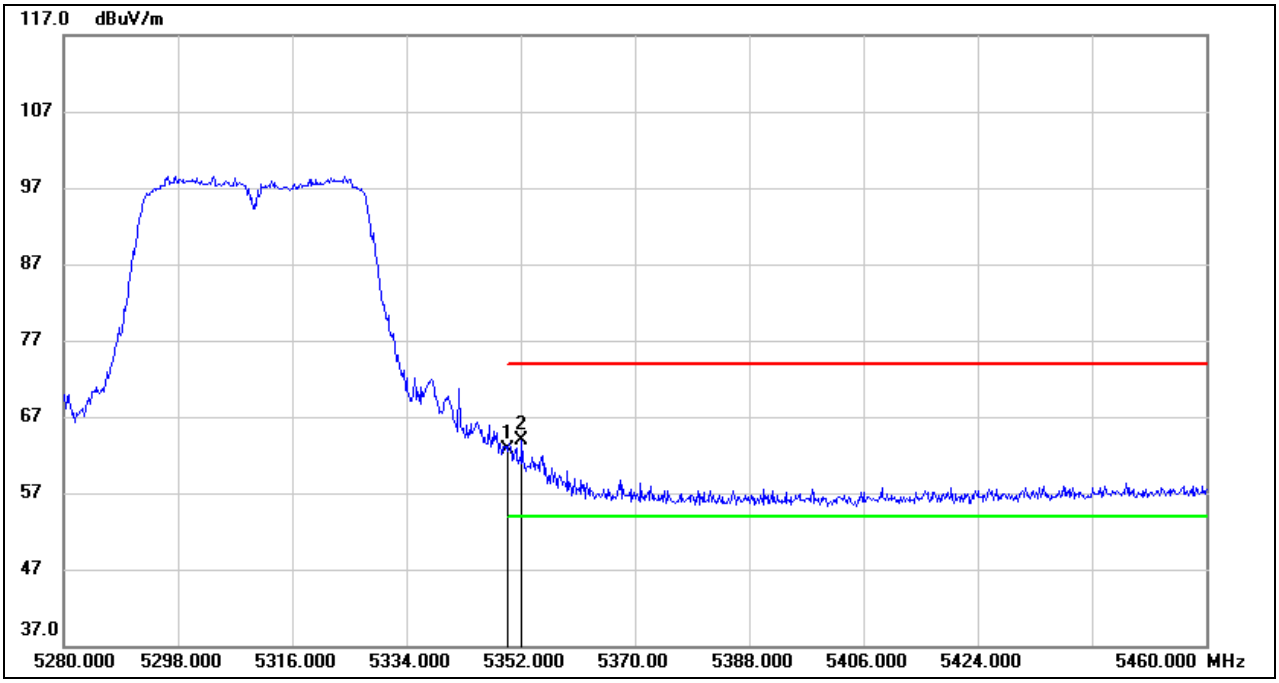
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11015.000	36.29	12.63	48.92	74.00	-25.08	peak
2	12687.000	36.22	14.40	50.62	74.00	-23.38	peak
3	14667.000	34.25	16.16	50.41	74.00	-23.59	peak
4	16845.000	32.38	20.15	52.53	74.00	-21.47	peak
5	17296.000	30.94	21.86	52.80	74.00	-21.20	peak
6	17714.000	30.60	22.62	53.22	74.00	-20.78	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 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 was deemed to comply with the limits list in the standard.

8.3.2. UNII-2A BAND

RESTRICTED BANDEDGE HIGH CHANNEL

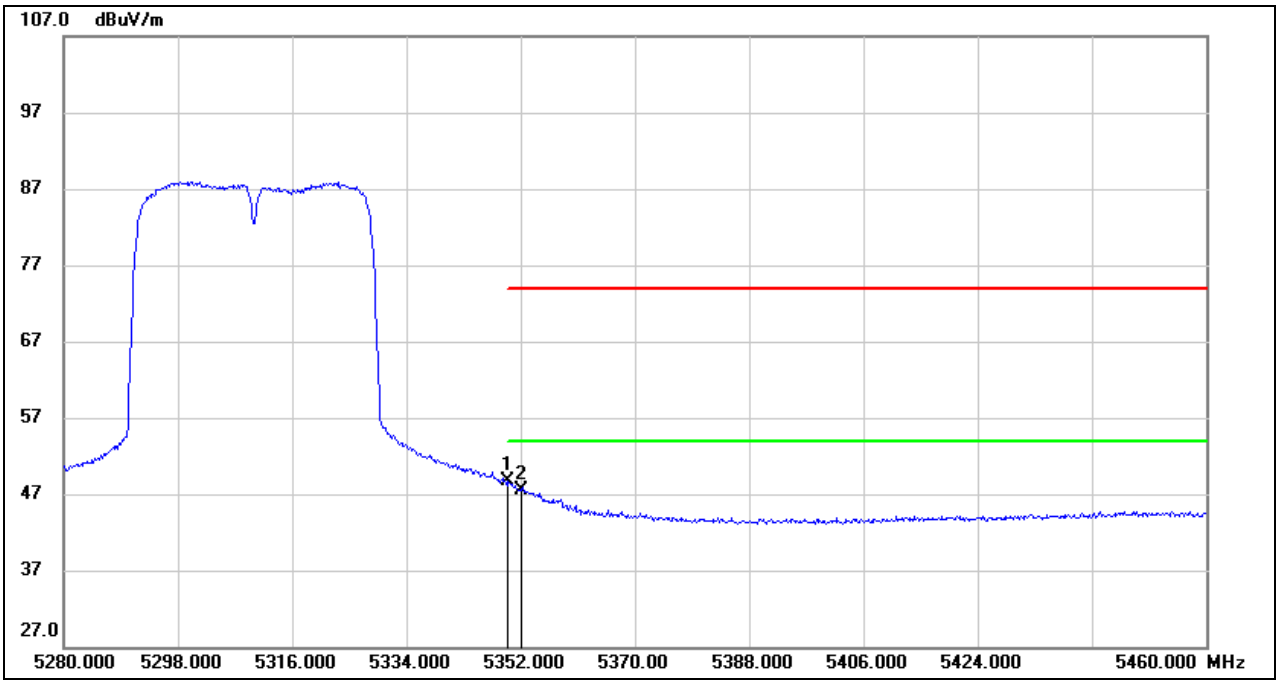
HORIZONTAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	22.00	40.64	62.64	74.00	-11.36	peak
2	5352.180	23.23	40.63	63.86	74.00	-10.14	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. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

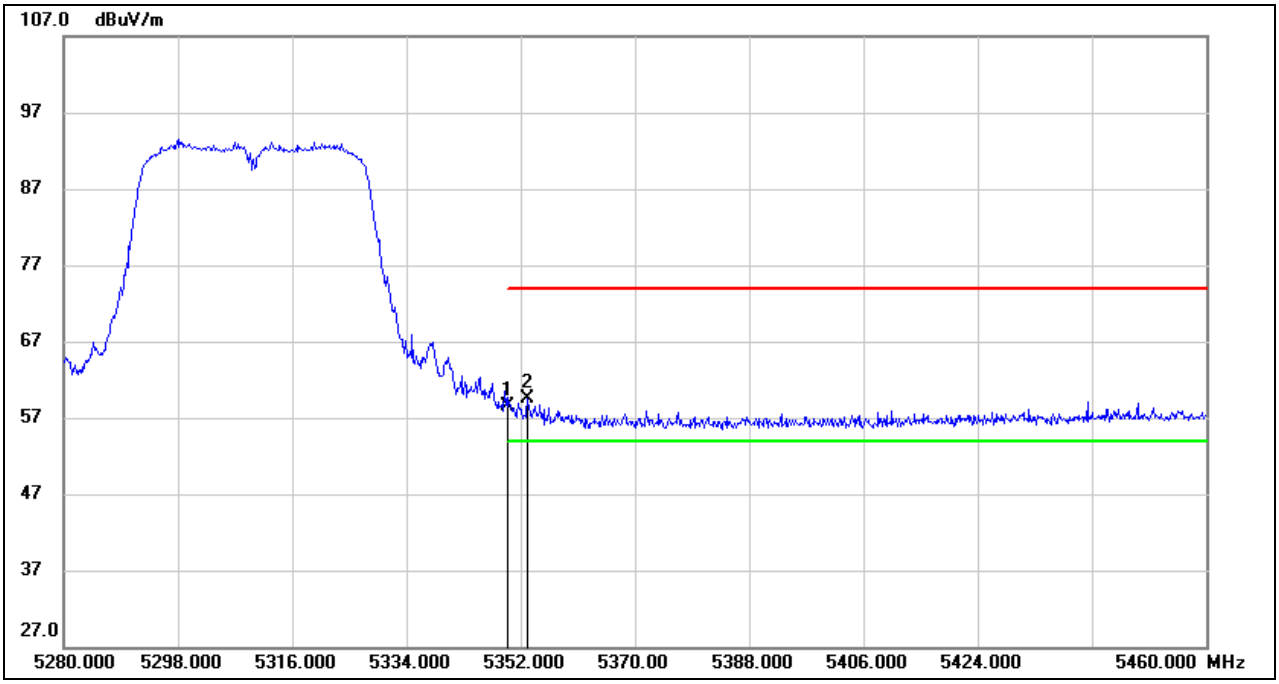
AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	8.11	40.64	48.75	54.00	-5.25	AVG
2	5352.180	6.87	40.63	47.50	54.00	-6.50	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.

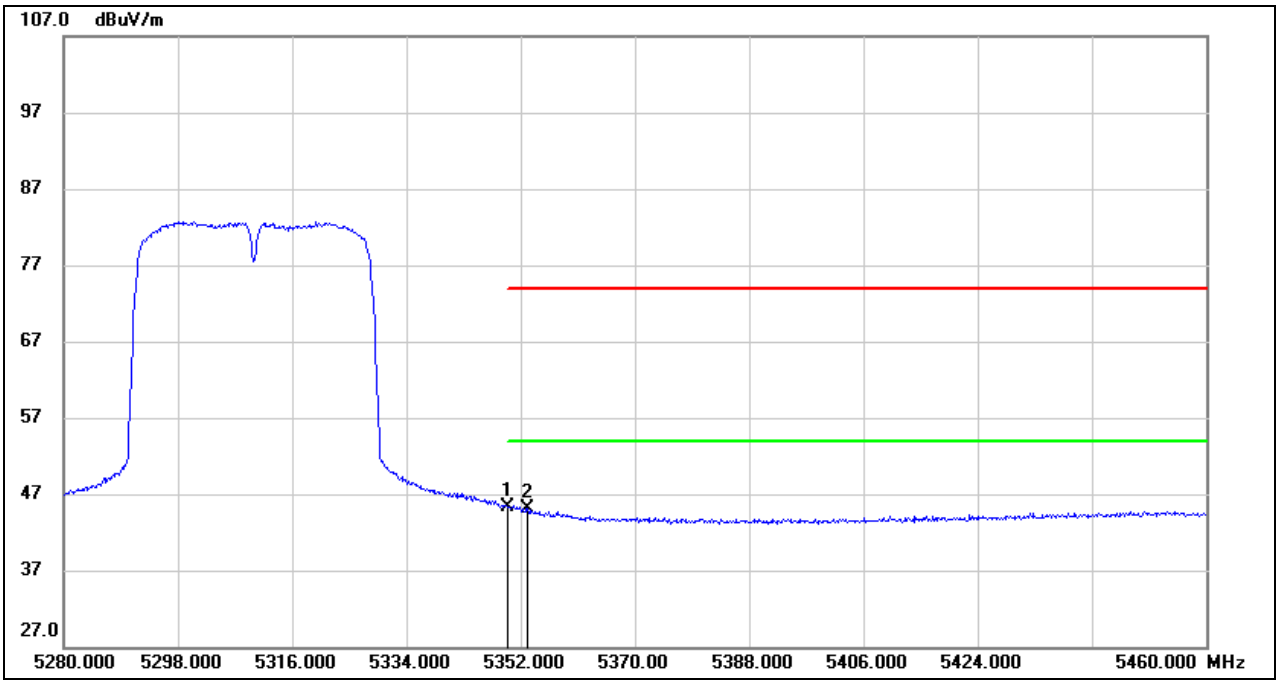
VERTICAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	17.92	40.64	58.56	74.00	-15.44	peak
2	5353.080	18.81	40.63	59.44	74.00	-14.56	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. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG

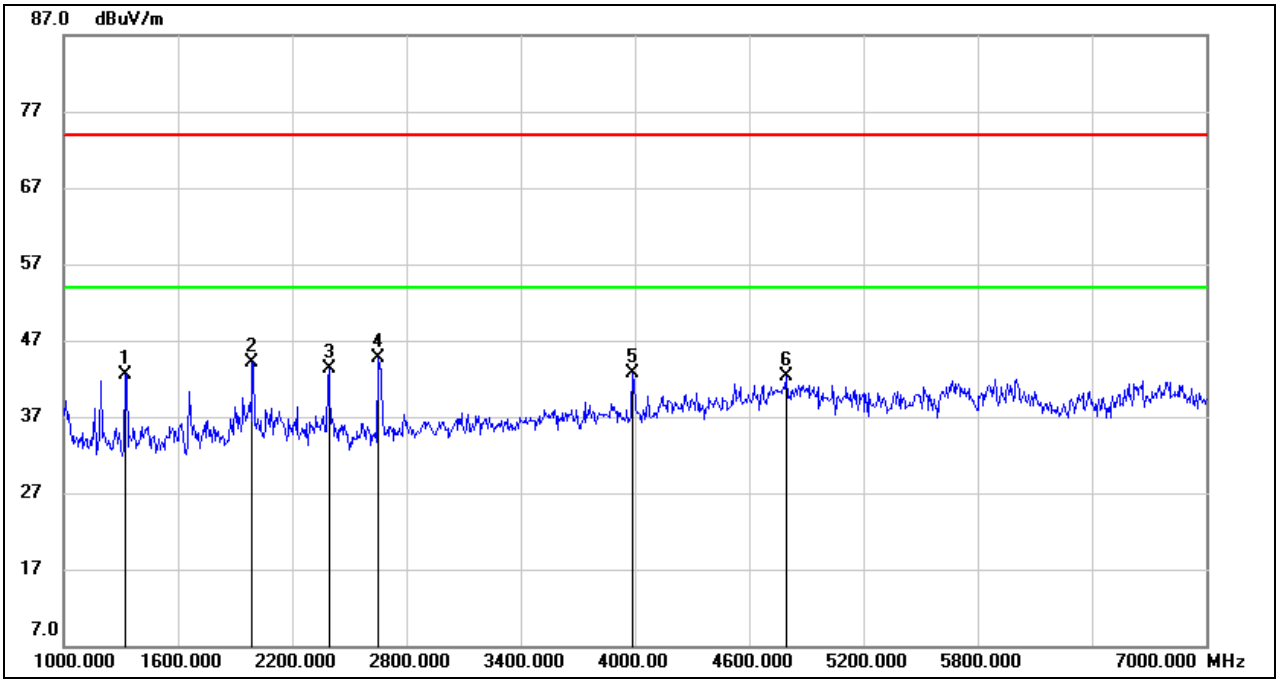


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	4.66	40.64	45.30	54.00	-8.70	AVG
2	5353.080	4.47	40.63	45.10	54.00	-8.90	AVG

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

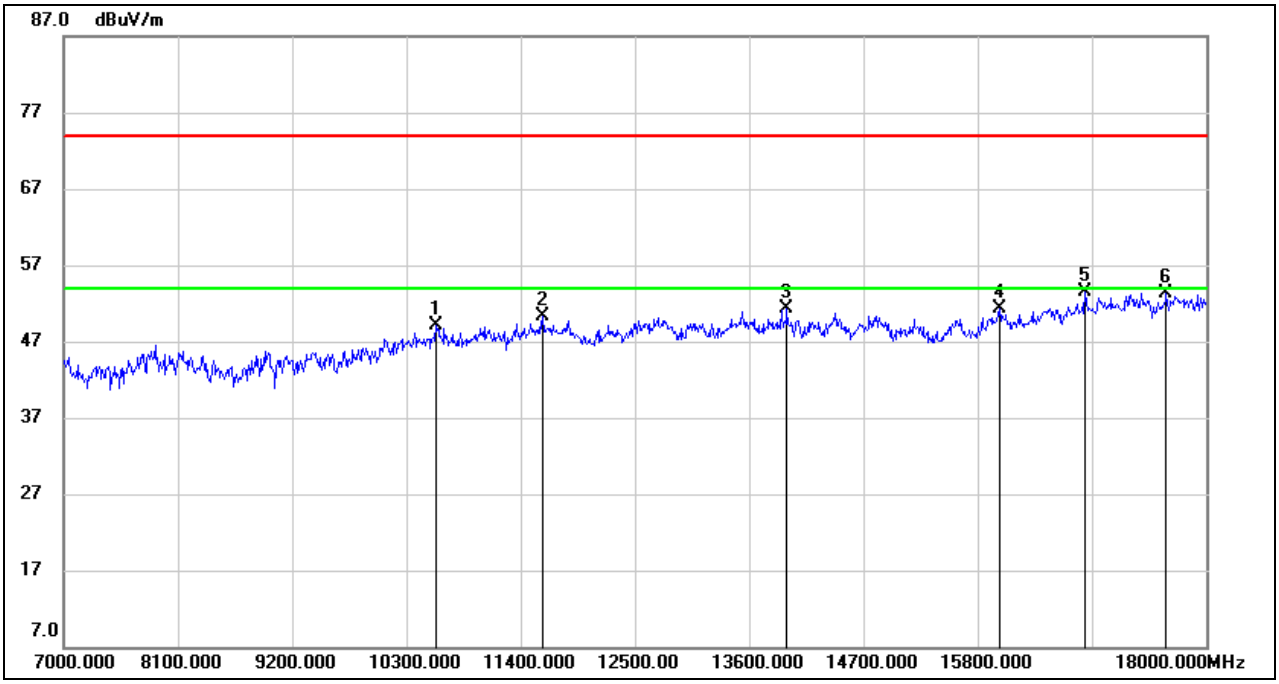
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1324.000	55.47	-12.89	42.58	74.00	-31.42	peak
2	1990.000	54.34	-10.24	44.10	74.00	-29.90	peak
3	2392.000	51.95	-8.63	43.32	74.00	-30.68	peak
4	2650.000	52.49	-7.87	44.62	74.00	-29.38	peak
5	3988.000	46.51	-3.72	42.79	74.00	-31.21	peak
6	4798.000	41.75	0.52	42.27	74.00	-31.73	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 was deemed to comply with the limits list in the standard.

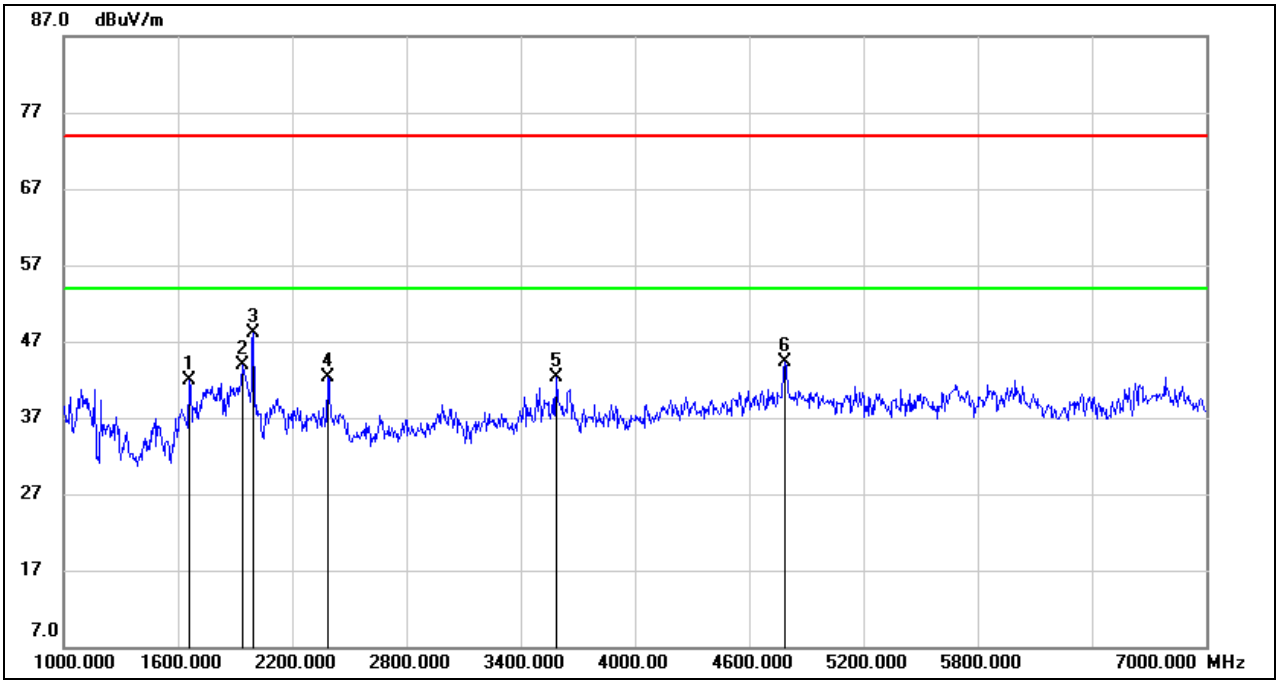
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10586.000	36.83	12.30	49.13	74.00	-24.87	peak
2	11609.000	36.82	13.50	50.32	74.00	-23.68	peak
3	13963.000	35.12	16.16	51.28	74.00	-22.72	peak
4	16009.000	33.42	17.85	51.27	74.00	-22.73	peak
5	16834.000	33.37	20.15	53.52	74.00	-20.48	peak
6	17615.000	31.30	21.96	53.26	74.00	-20.74	peak

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

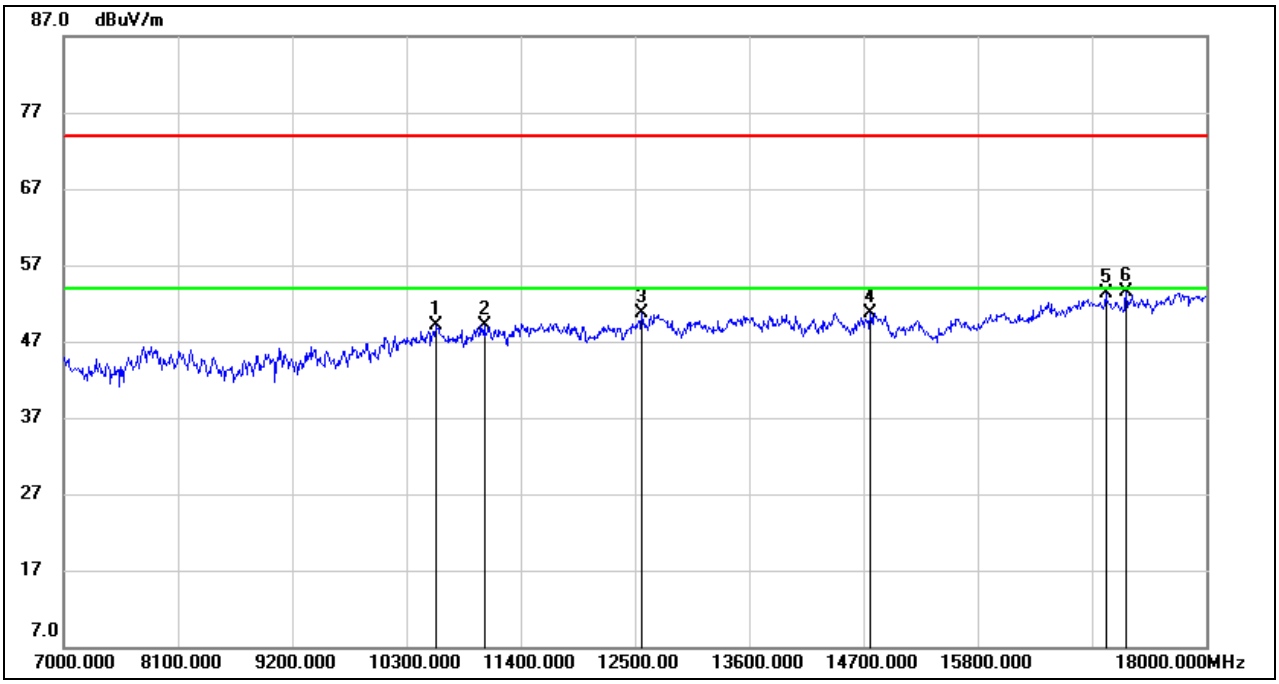
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1660.000	53.05	-11.16	41.89	74.00	-32.11	peak
2	1936.000	54.02	-10.19	43.83	74.00	-30.17	peak
3	1996.000	58.30	-10.24	48.06	74.00	-25.94	peak
4	2386.000	51.00	-8.67	42.33	74.00	-31.67	peak
5	3586.000	46.91	-4.55	42.36	74.00	-31.64	peak
6	4786.000	43.94	0.44	44.38	74.00	-29.62	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 complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

7-18GHz

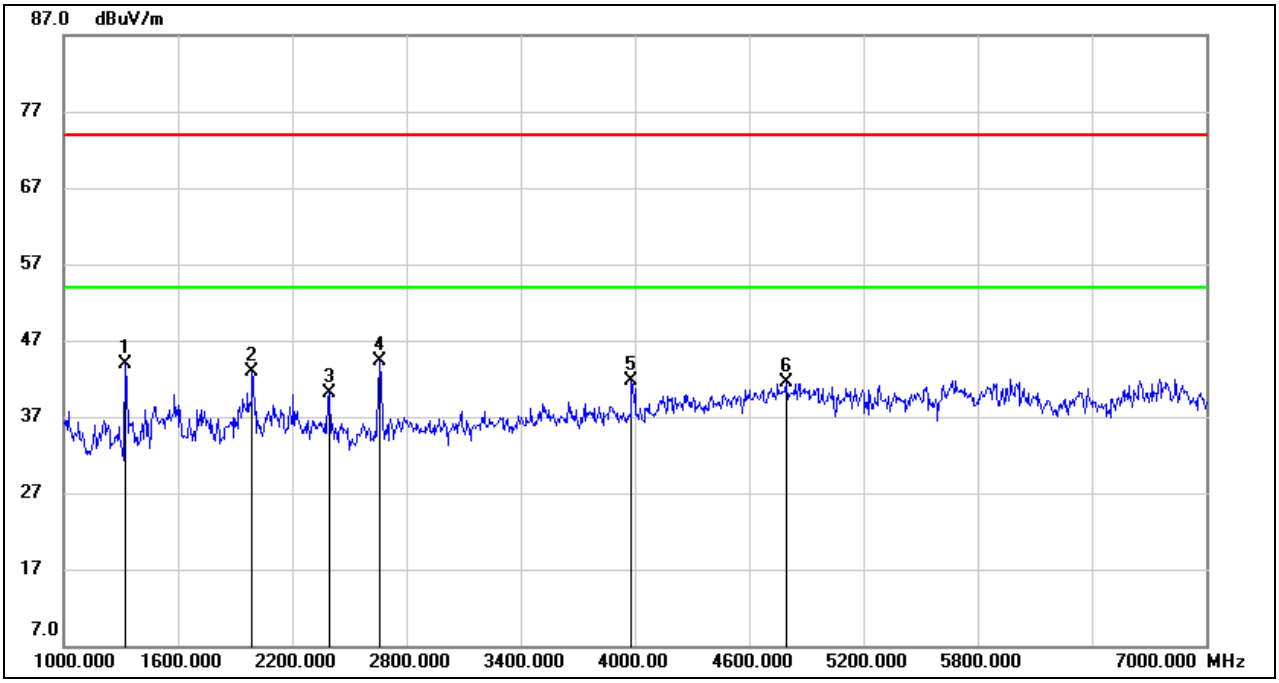


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10586.000	36.76	12.30	49.06	74.00	-24.94	peak
2	11048.000	36.47	12.65	49.12	74.00	-24.88	peak
3	12566.000	36.20	14.42	50.62	74.00	-23.38	peak
4	14766.000	34.62	16.11	50.73	74.00	-23.27	peak
5	17032.000	32.66	20.72	53.38	74.00	-20.62	peak
6	17230.000	32.02	21.41	53.43	74.00	-20.57	peak

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

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

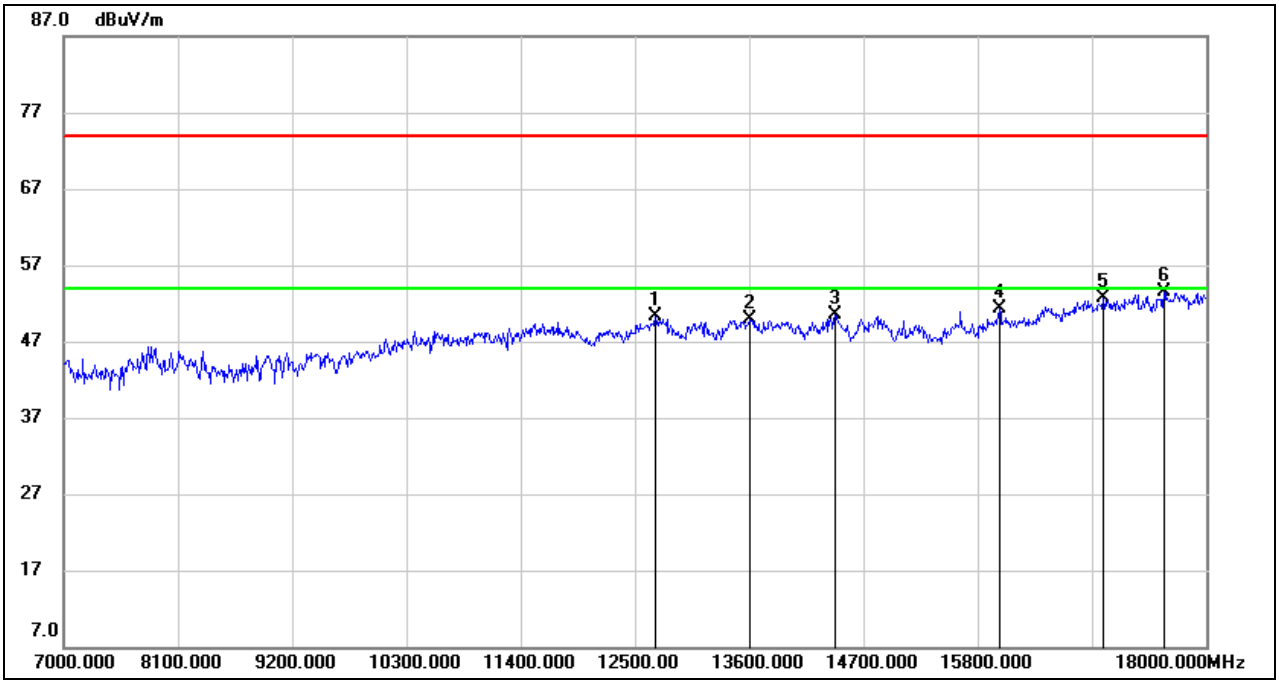
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1324.000	56.82	-12.89	43.93	74.00	-30.07	peak
2	1990.000	53.14	-10.24	42.90	74.00	-31.10	peak
3	2392.000	48.71	-8.63	40.08	74.00	-33.92	peak
4	2662.000	52.15	-7.80	44.35	74.00	-29.65	peak
5	3982.000	45.45	-3.71	41.74	74.00	-32.26	peak
6	4792.000	40.97	0.47	41.44	74.00	-32.56	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 complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

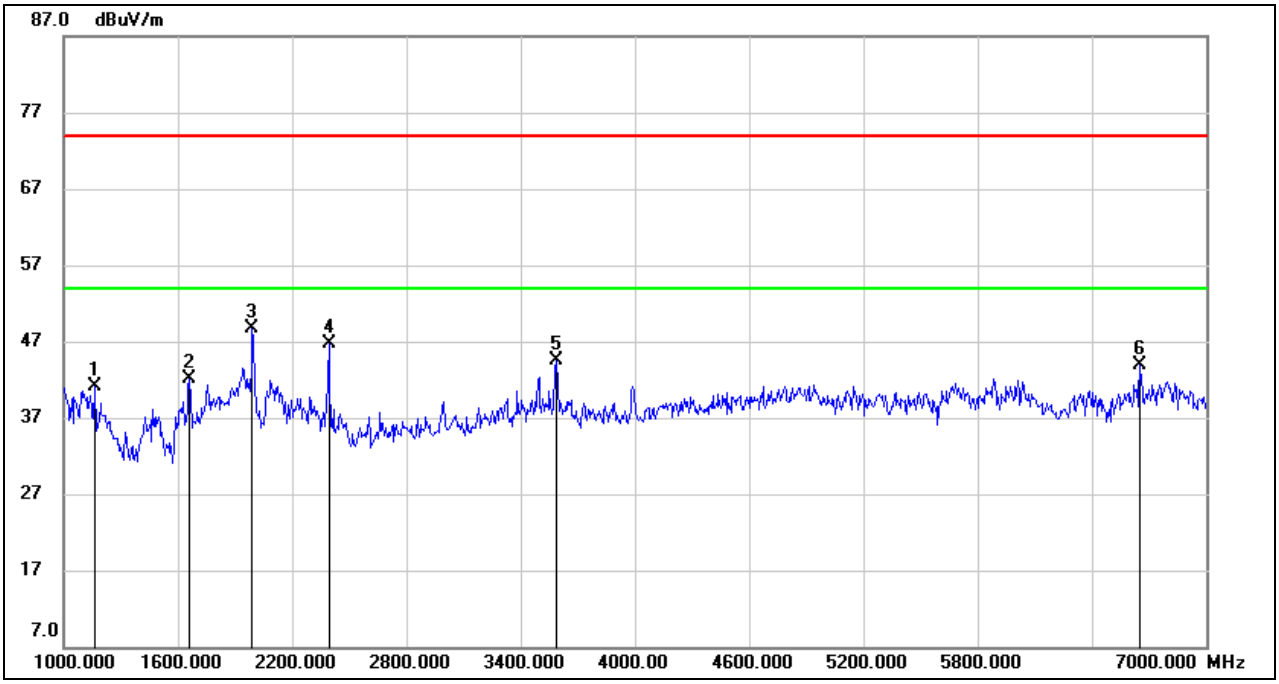
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12698.000	35.78	14.44	50.22	74.00	-23.78	peak
2	13611.000	33.87	16.10	49.97	74.00	-24.03	peak
3	14425.000	33.86	16.65	50.51	74.00	-23.49	peak
4	16009.000	33.37	17.85	51.22	74.00	-22.78	peak
5	17010.000	31.97	20.67	52.64	74.00	-21.36	peak
6	17593.000	31.73	21.84	53.57	74.00	-20.43	peak

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

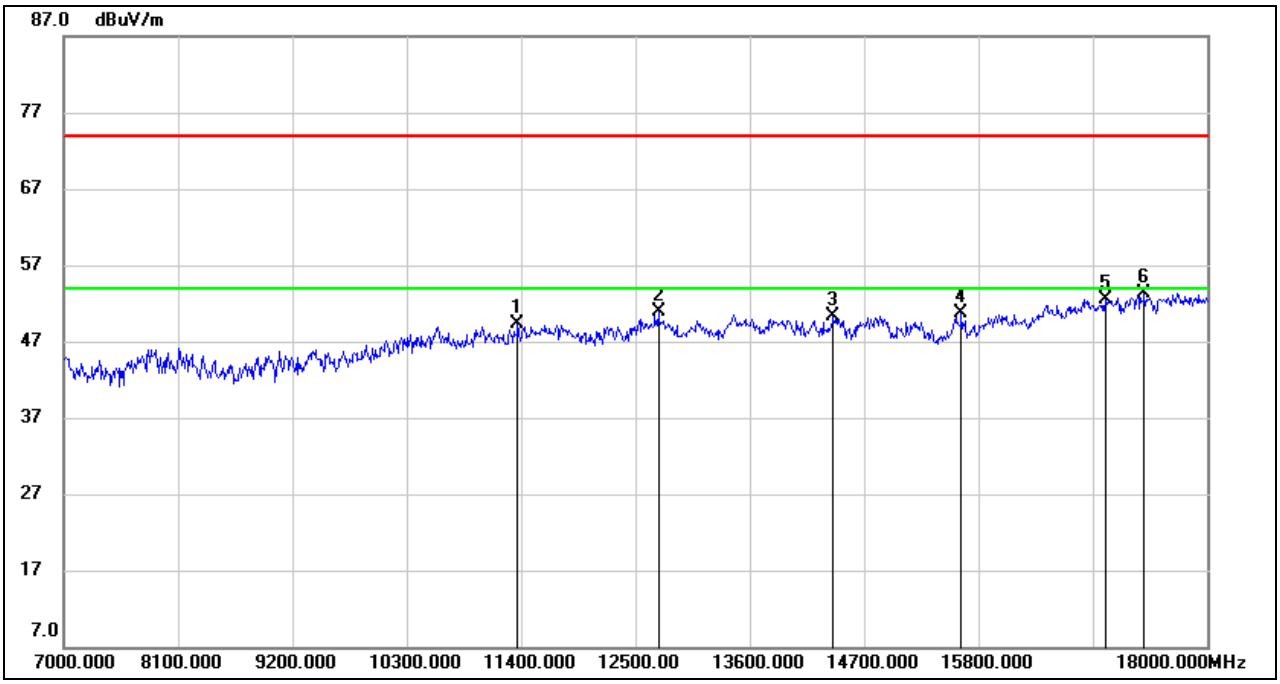
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1162.000	54.32	-13.26	41.06	74.00	-32.94	peak
2	1660.000	53.23	-11.16	42.07	74.00	-31.93	peak
3	1990.000	58.90	-10.24	48.66	74.00	-25.34	peak
4	2392.000	55.40	-8.63	46.77	74.00	-27.23	peak
5	3586.000	49.08	-4.55	44.53	74.00	-29.47	peak
6	6652.000	39.46	4.47	43.93	74.00	-30.07	peak

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

7-18GHz



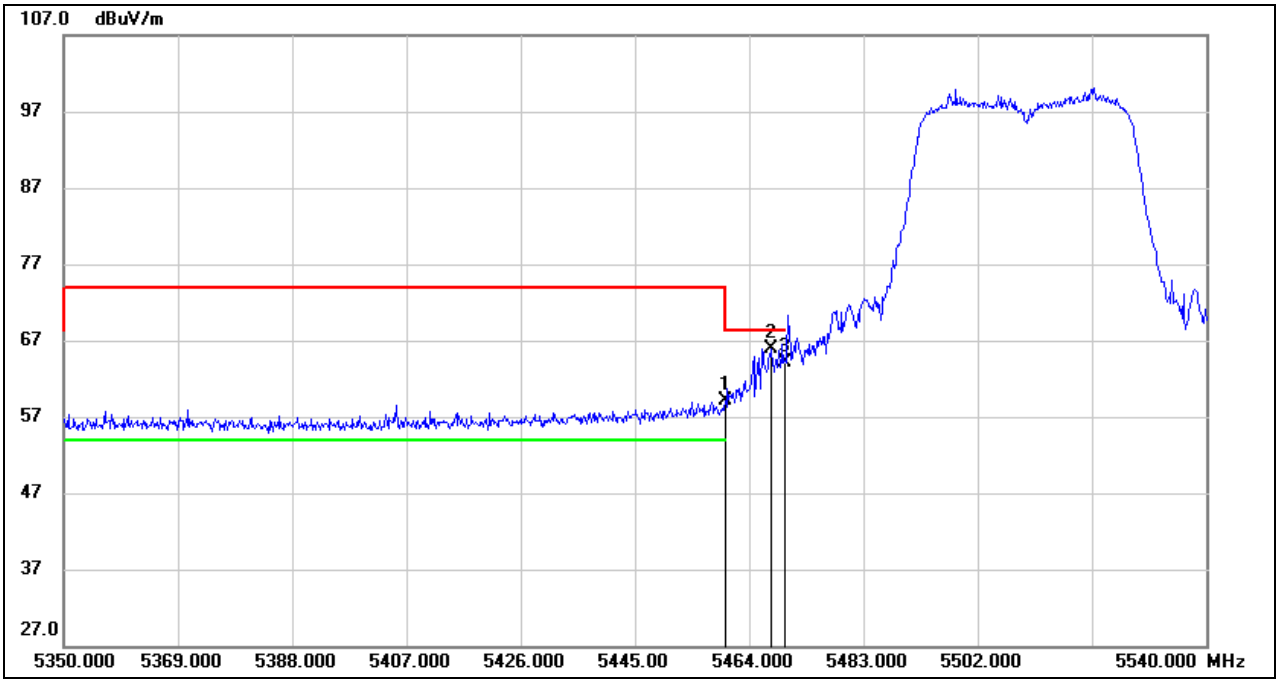
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11367.000	36.68	12.58	49.26	74.00	-24.74	peak
2	12720.000	36.04	14.79	50.83	74.00	-23.17	peak
3	14403.000	33.55	16.68	50.23	74.00	-23.77	peak
4	15635.000	33.64	17.01	50.65	74.00	-23.35	peak
5	17021.000	31.75	20.69	52.44	74.00	-21.56	peak
6	17395.000	31.84	21.55	53.39	74.00	-20.61	peak

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

8.3.3. UNII-2C BAND

RESTRICTED BANDEDGE LOW CHANNEL

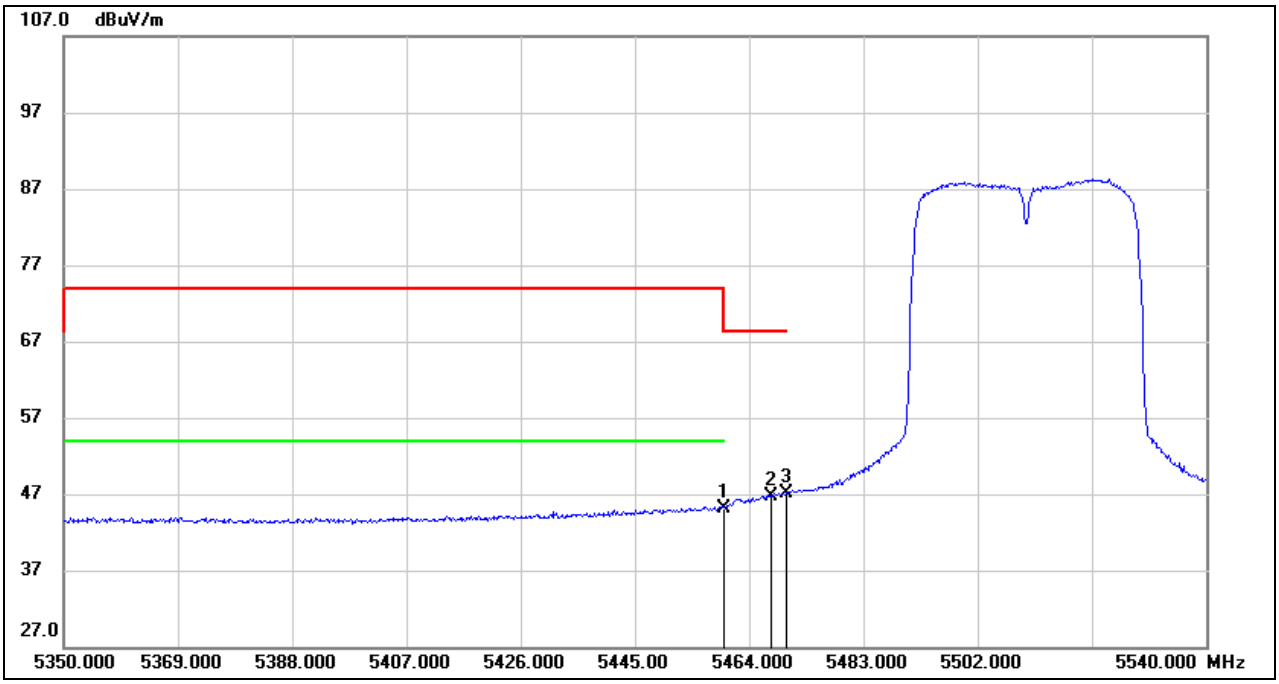
HORIZONTAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5460.000	17.92	41.28	59.20	68.20	-9.00	peak
2	5467.610	24.53	41.38	65.91	68.20	-2.29	peak
3	5470.000	22.63	41.41	64.04	68.20	-4.16	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.*indicates frequency out of the restricted bands
5. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

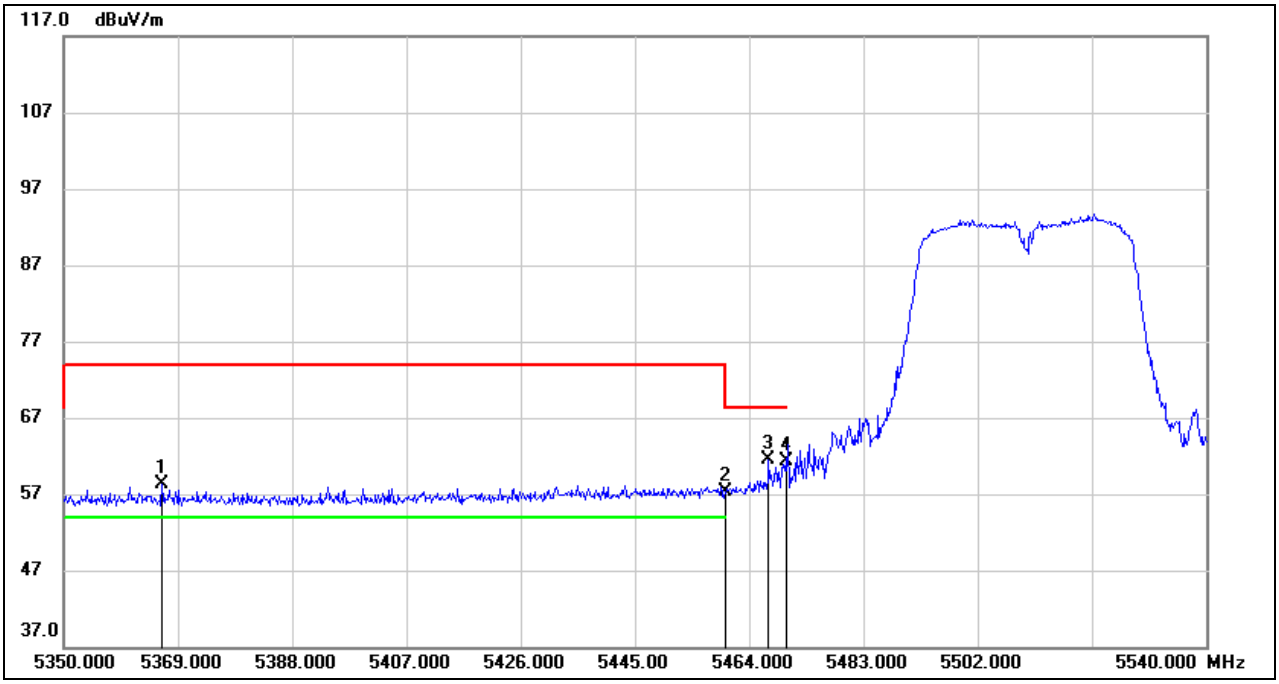
AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5460.000	3.88	41.28	45.16	54.00	-8.84	AVG
2	5467.610	5.29	41.38	46.67	68.20	-21.53	AVG
3	5470.000	5.72	41.41	47.13	68.20	-21.07	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.

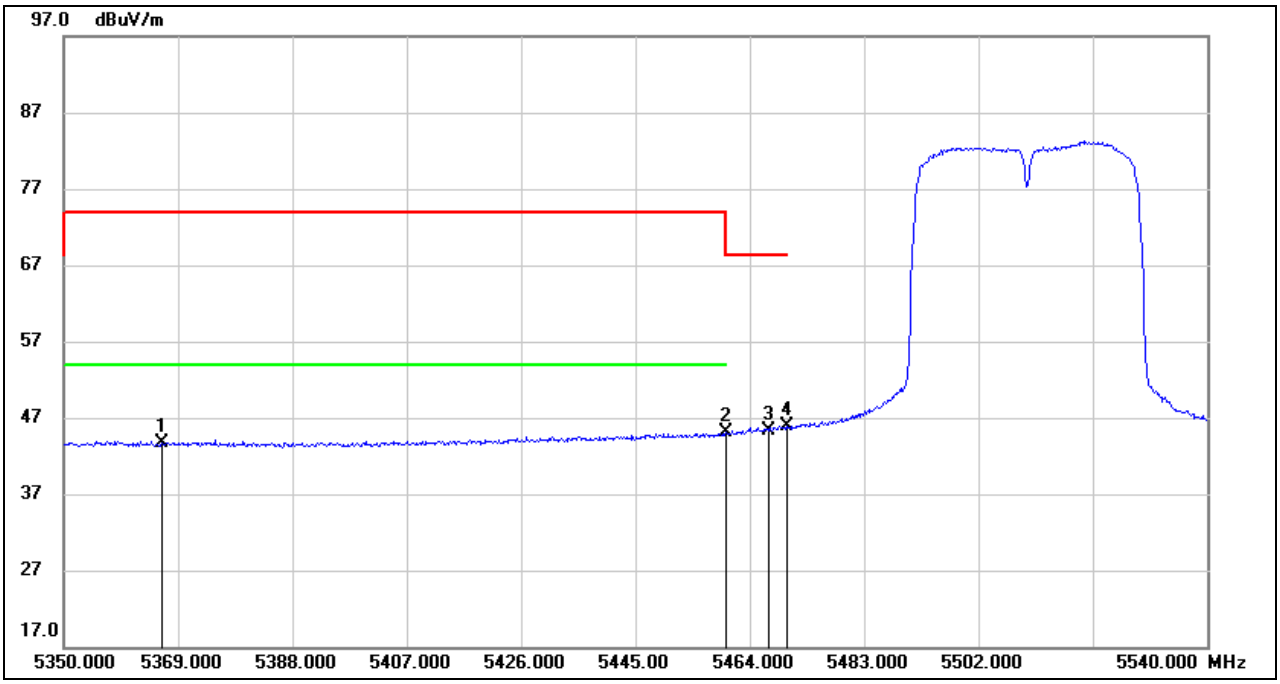
VERTICAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5366.340	17.74	40.60	58.34	74.00	-15.66	peak
2	5460.000	16.08	41.28	57.36	68.20	-10.84	peak
3	5467.230	20.17	41.38	61.55	68.20	-6.65	peak
4	5470.000	19.97	41.41	61.38	68.20	-6.82	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.*indicates frequency out of the restricted bands
5. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG

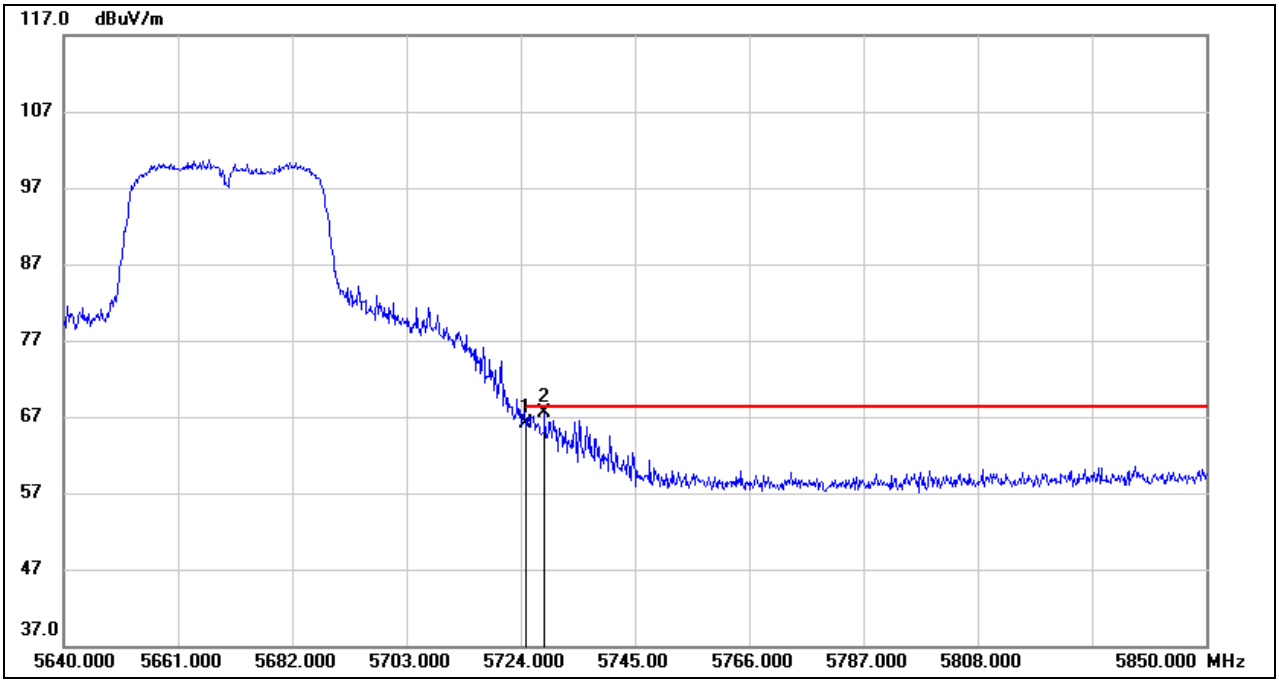


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5366.340	3.07	40.60	43.67	54.00	-10.33	AVG
2	5460.000	3.89	41.28	45.17	54.00	-8.83	AVG
3	5467.230	3.97	41.38	45.35	68.20	-22.85	AVG
4	5470.000	4.51	41.41	45.92	68.20	-22.28	AVG

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

RESTRICTED BANDEDGE HIGH CHANNEL

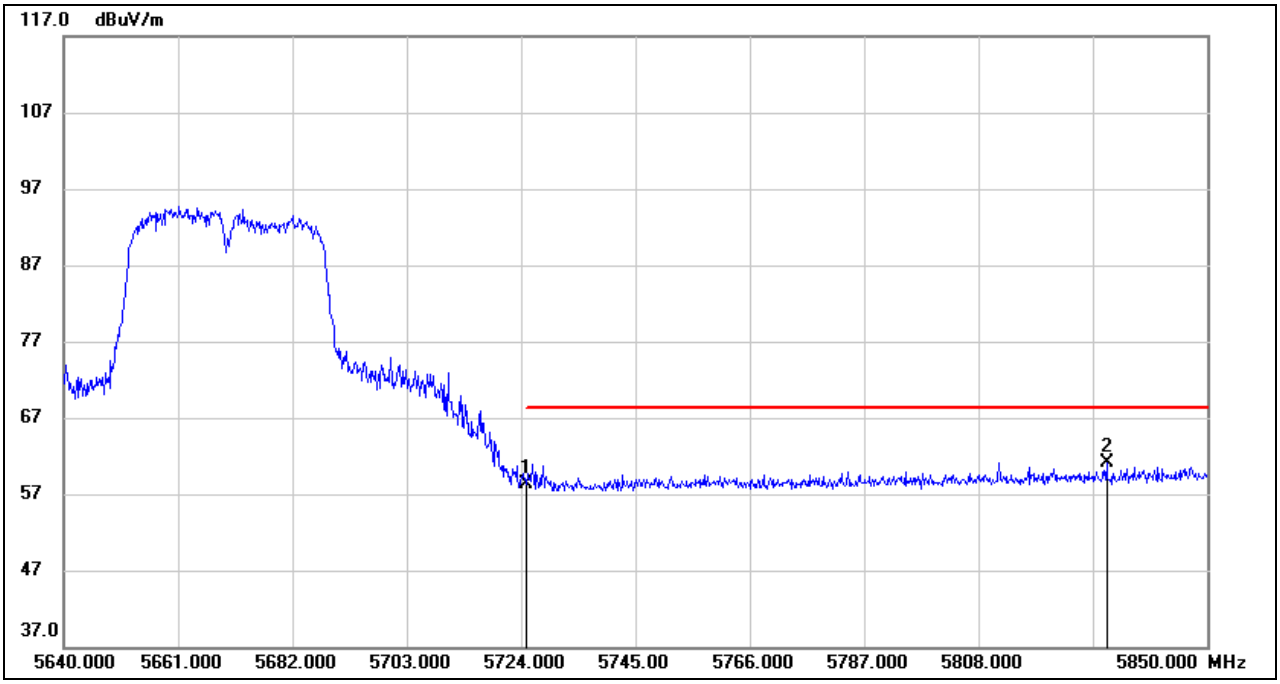
HORIZONTAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5725.000	24.52	41.61	66.13	68.20	-2.07	peak
2	5728.410	25.83	41.62	67.45	68.20	-0.75	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.*indicates frequency out of the restricted bands
5. 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

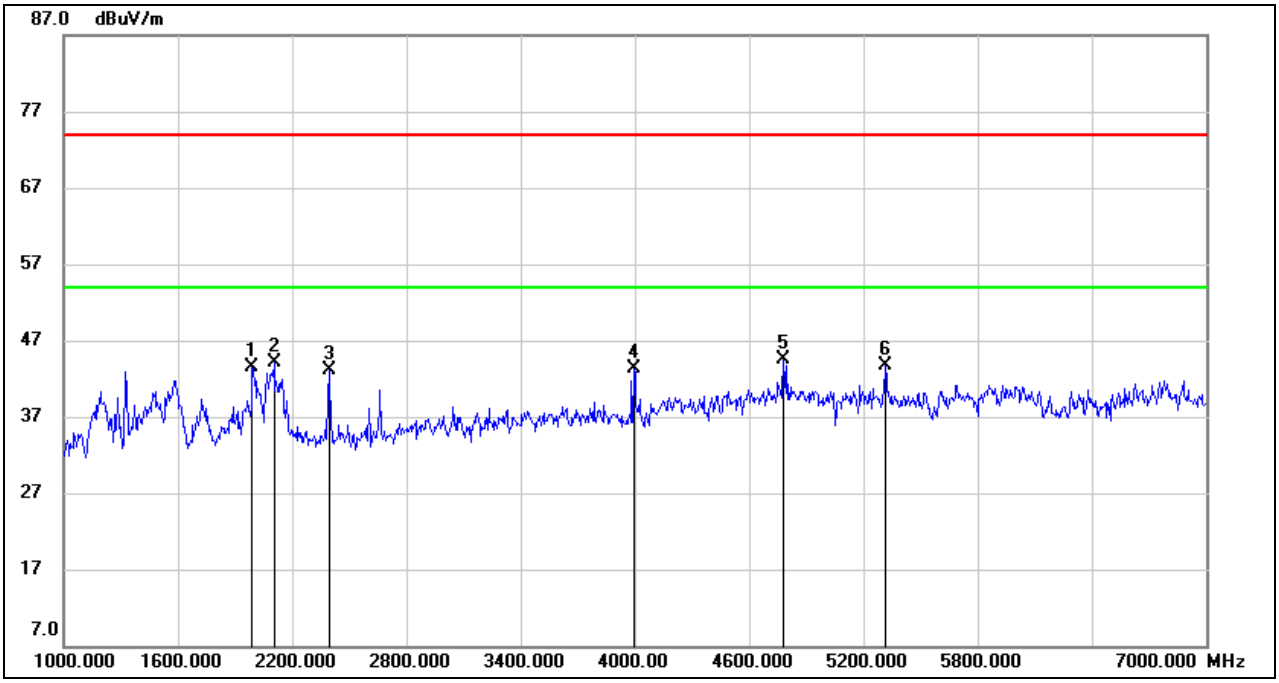


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5725.000	16.63	41.61	58.24	68.20	-9.96	peak
2	5831.520	18.59	42.54	61.13	68.20	-7.07	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4.*indicates frequency out of the restricted bands
5. 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

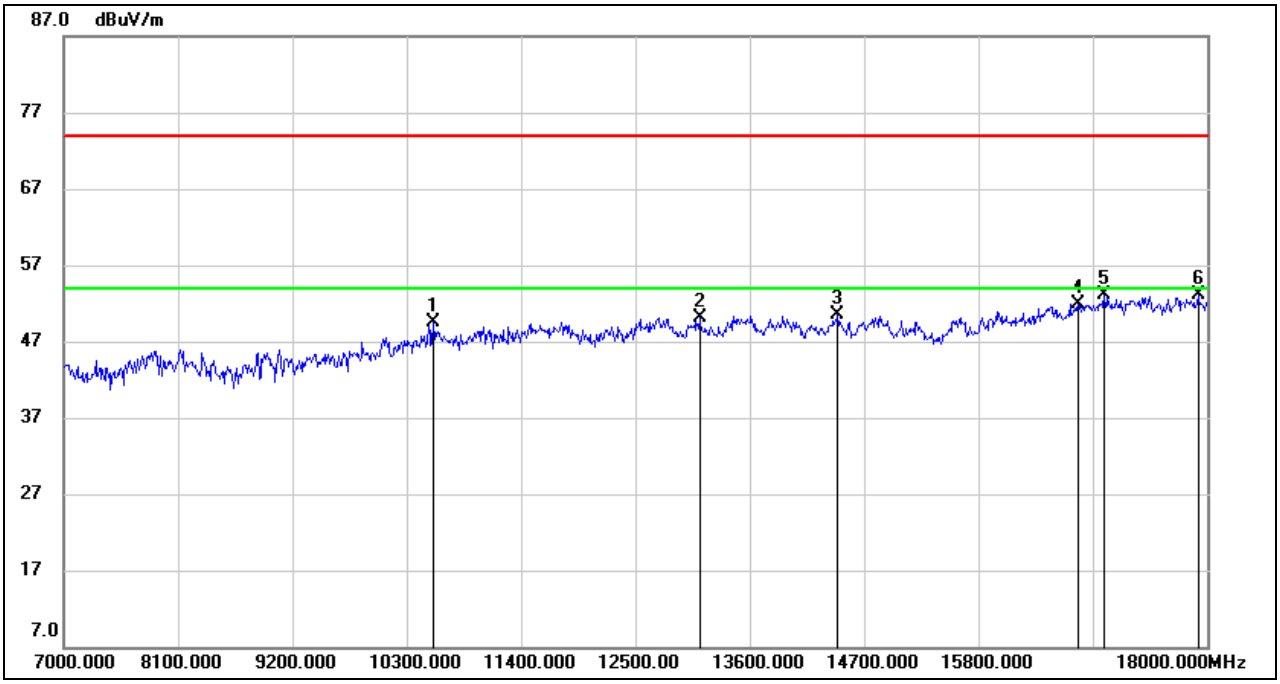
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1990.000	53.66	-10.24	43.42	74.00	-30.58	peak
2	2104.000	53.76	-9.68	44.08	74.00	-29.92	peak
3	2392.000	51.65	-8.63	43.02	74.00	-30.98	peak
4	3994.000	47.13	-3.73	43.40	74.00	-30.60	peak
5	4780.000	44.01	0.41	44.42	74.00	-29.58	peak
6	5314.000	41.97	1.73	43.70	74.00	-30.30	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 was deemed to comply with the limits list in the standard.

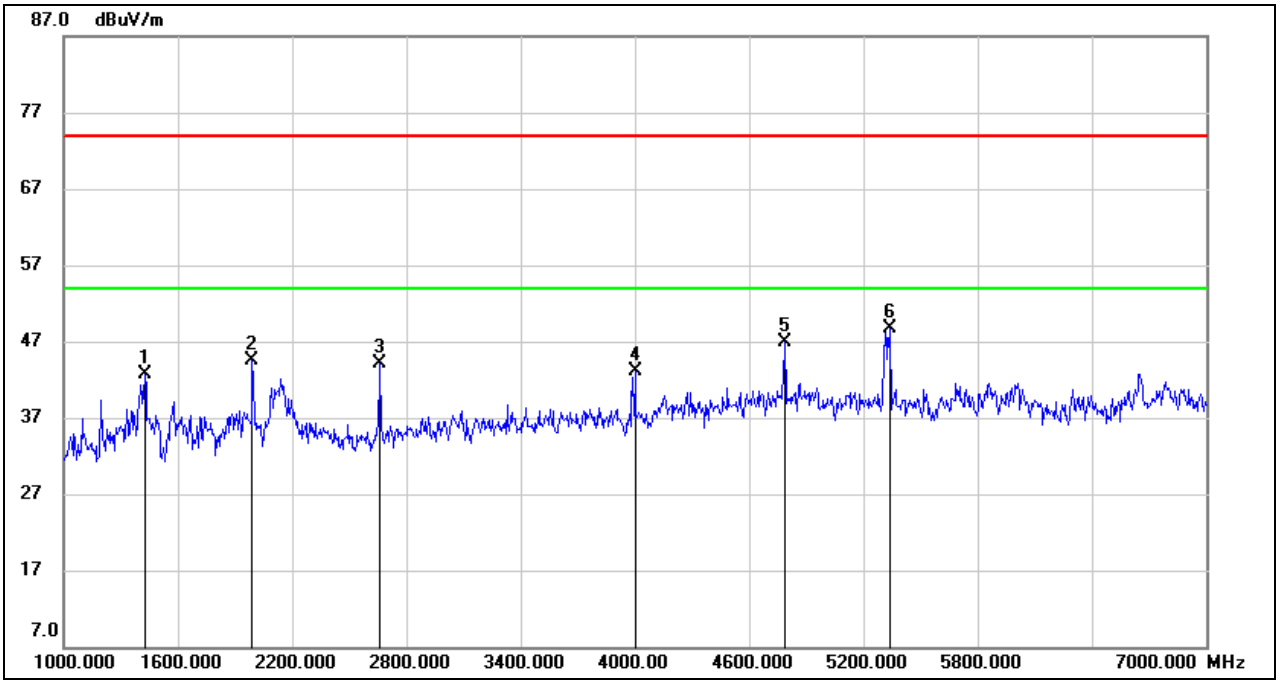
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10553.000	37.57	11.93	49.50	74.00	-24.50	peak
2	13116.000	34.68	15.41	50.09	74.00	-23.91	peak
3	14447.000	33.81	16.63	50.44	74.00	-23.56	peak
4	16757.000	31.87	20.13	52.00	74.00	-22.00	peak
5	17010.000	32.39	20.67	53.06	74.00	-20.94	peak
6	17912.000	29.78	23.42	53.20	74.00	-20.80	peak

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

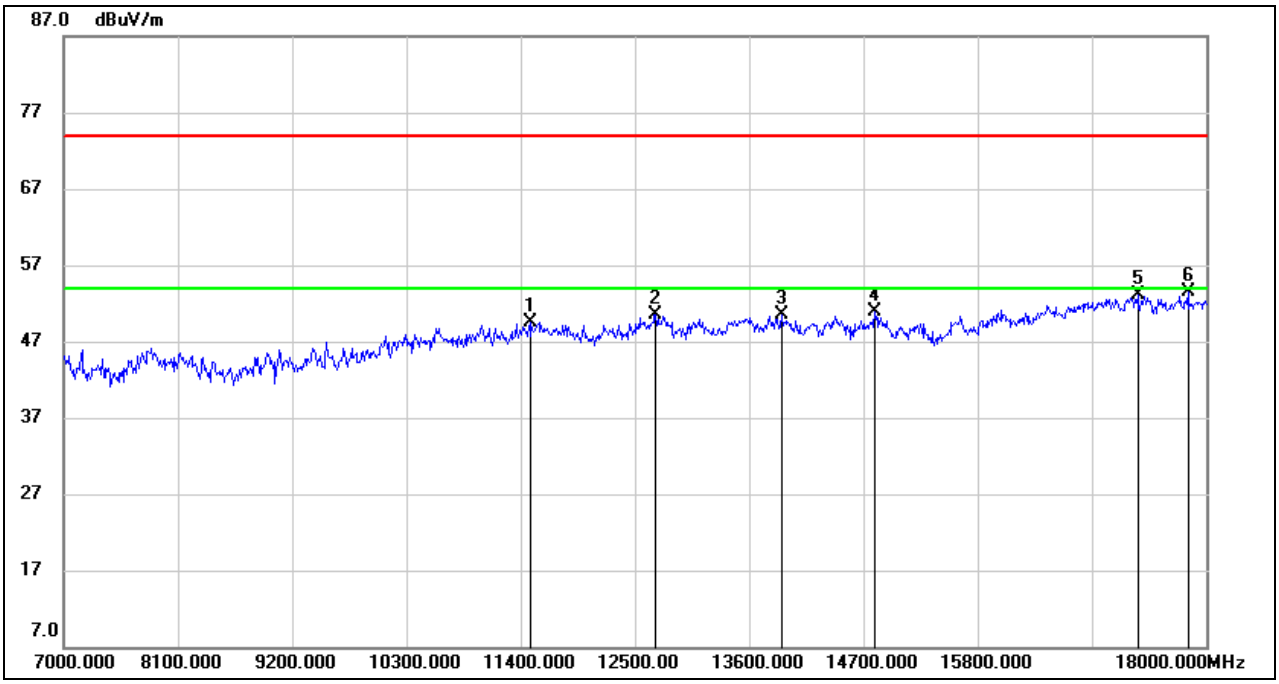
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1426.000	55.32	-12.65	42.67	74.00	-31.33	peak
2	1990.000	54.82	-10.24	44.58	74.00	-29.42	peak
3	2662.000	51.84	-7.80	44.04	74.00	-29.96	peak
4	4000.000	46.76	-3.74	43.02	74.00	-30.98	peak
5	4786.000	46.56	0.44	47.00	74.00	-27.00	peak
6	5338.000	47.12	1.68	48.80	74.00	-25.20	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 was deemed to comply with the limits list in the standard.

7-18GHz

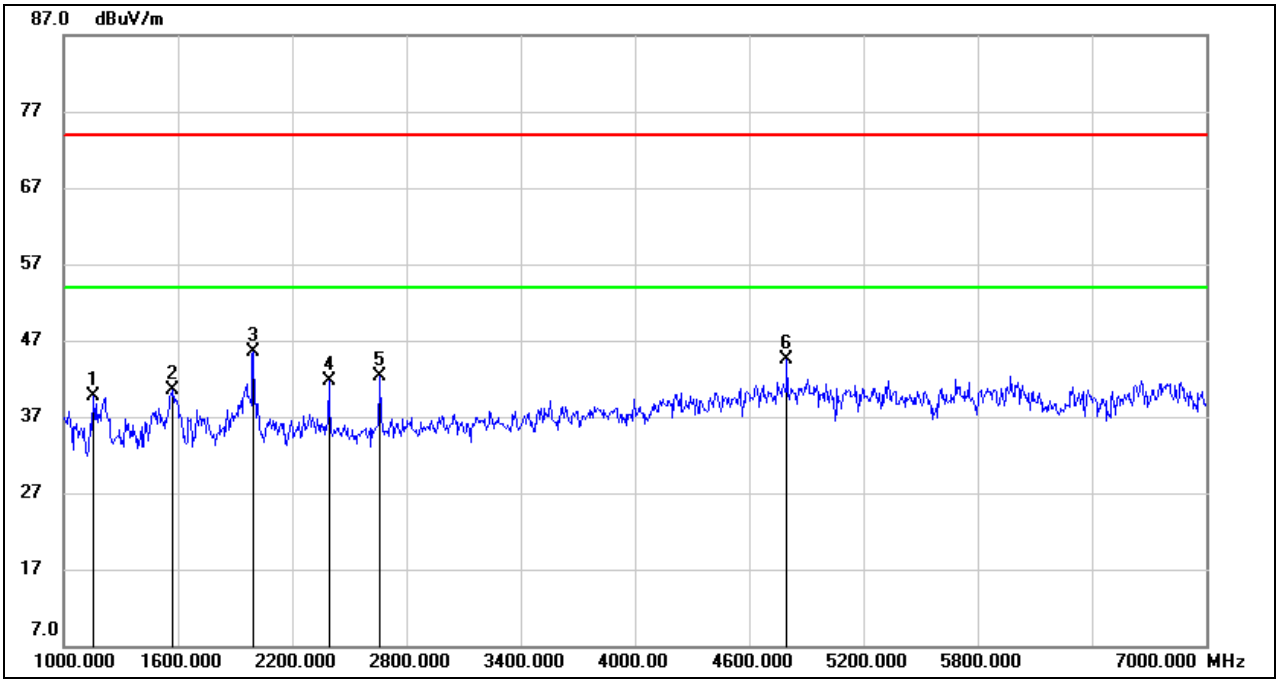


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11499.000	36.18	13.35	49.53	74.00	-24.47	peak
2	12698.000	36.01	14.44	50.45	74.00	-23.55	peak
3	13908.000	34.31	16.16	50.47	74.00	-23.53	peak
4	14810.000	34.87	16.07	50.94	74.00	-23.06	peak
5	17340.000	31.43	21.74	53.17	74.00	-20.83	peak
6	17824.000	30.03	23.42	53.45	74.00	-20.55	peak

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

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

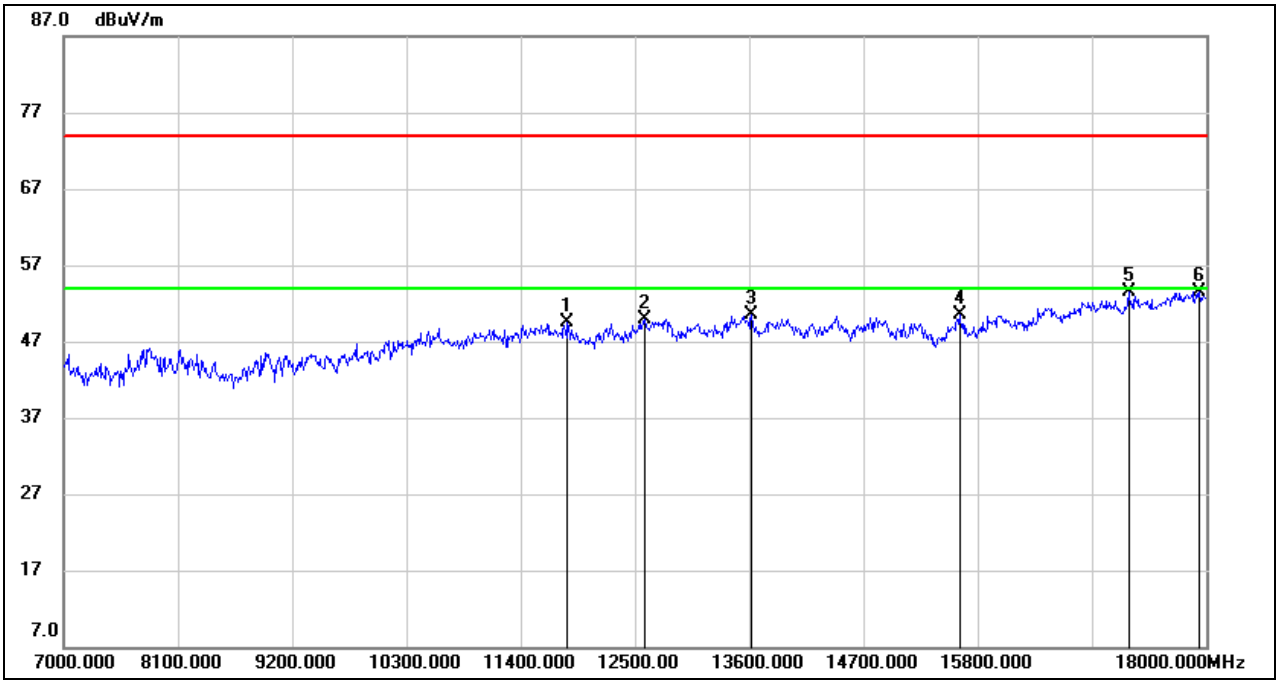
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1156.000	52.94	-13.29	39.65	74.00	-34.35	peak
2	1570.000	52.27	-11.81	40.46	74.00	-33.54	peak
3	1996.000	55.80	-10.24	45.56	74.00	-28.44	peak
4	2392.000	50.30	-8.63	41.67	74.00	-32.33	peak
5	2662.000	50.16	-7.80	42.36	74.00	-31.64	peak
6	4798.000	43.92	0.52	44.44	74.00	-29.56	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 complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

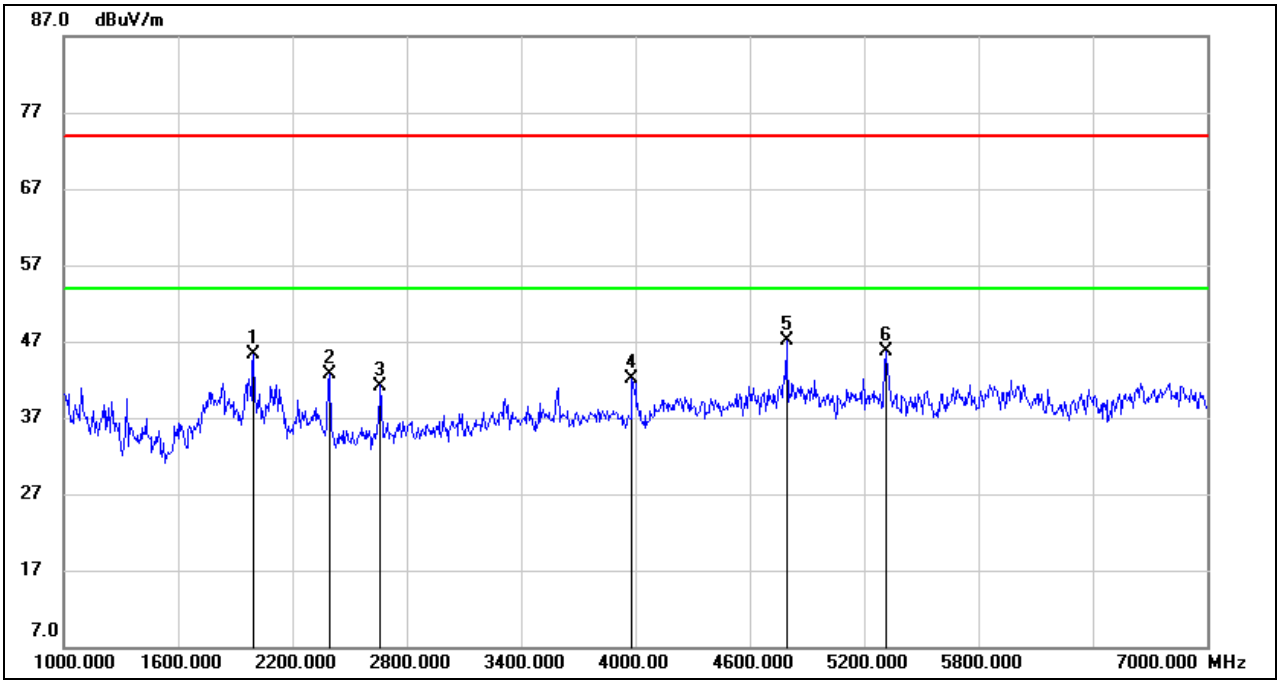
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11851.000	36.08	13.34	49.42	74.00	-24.58	peak
2	12599.000	35.70	14.19	49.89	74.00	-24.11	peak
3	13622.000	34.49	16.08	50.57	74.00	-23.43	peak
4	15624.000	33.51	17.05	50.56	74.00	-23.44	peak
5	17252.000	31.90	21.56	53.46	74.00	-20.54	peak
6	17934.000	30.14	23.45	53.59	74.00	-20.41	peak

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

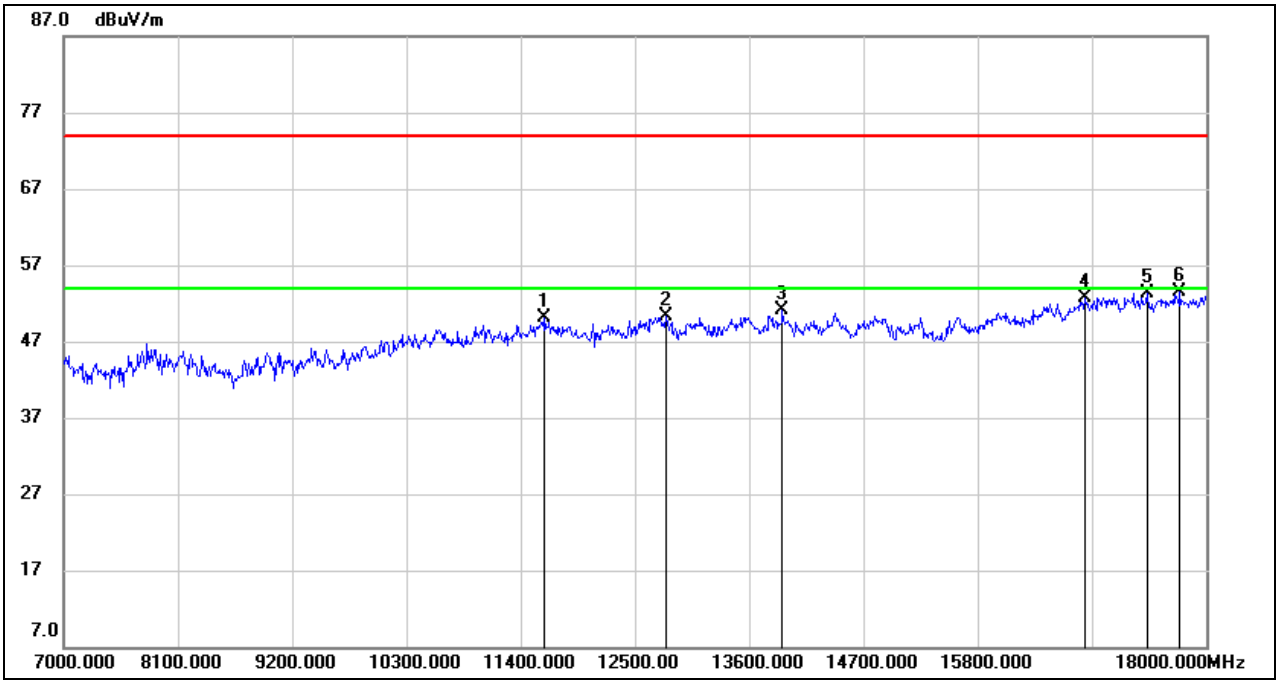
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1996.000	55.57	-10.24	45.33	74.00	-28.67	peak
2	2398.000	51.28	-8.62	42.66	74.00	-31.34	peak
3	2662.000	49.00	-7.80	41.20	74.00	-32.80	peak
4	3982.000	45.91	-3.71	42.20	74.00	-31.80	peak
5	4792.000	46.59	0.47	47.06	74.00	-26.94	peak
6	5314.000	43.95	1.73	45.68	74.00	-28.32	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 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 was deemed to comply with the limits list in the standard.

VERTICAL RESULTS
7-18GHz

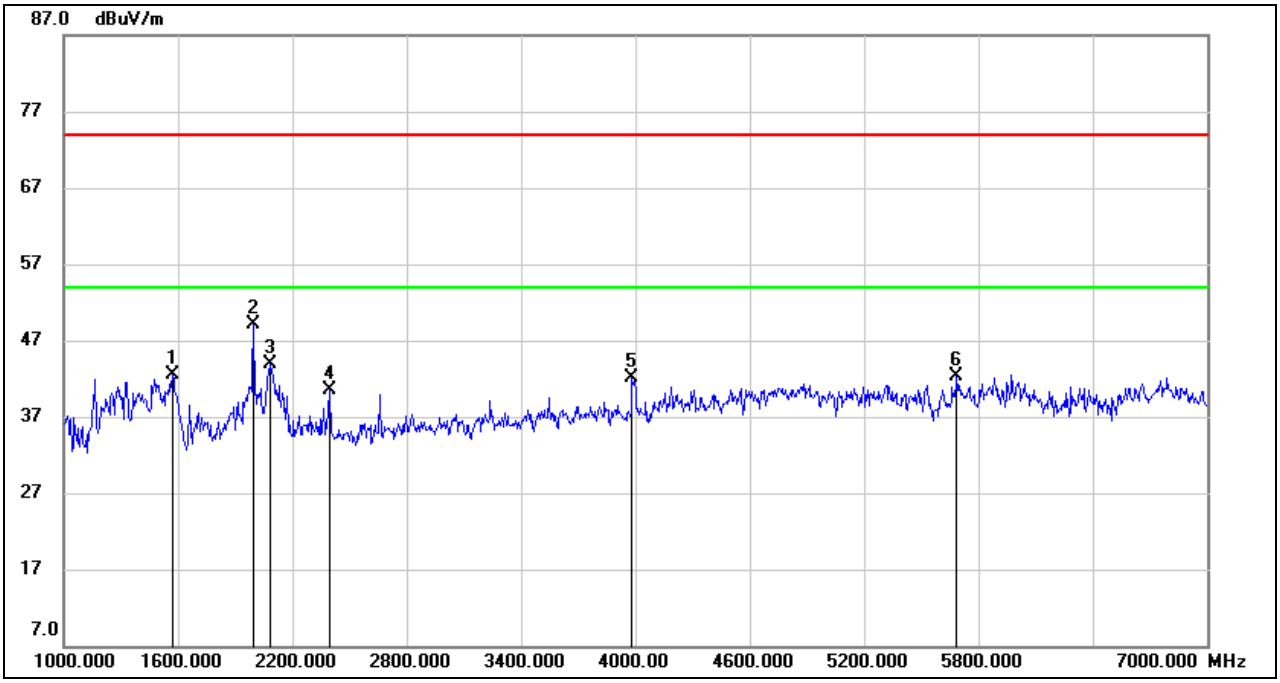


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11631.000	36.66	13.38	50.04	74.00	-23.96	peak
2	12797.000	34.09	16.12	50.21	74.00	-23.79	peak
3	13919.000	34.85	16.16	51.01	74.00	-22.99	peak
4	16834.000	32.64	20.15	52.79	74.00	-21.21	peak
5	17428.000	31.88	21.50	53.38	74.00	-20.62	peak
6	17747.000	30.52	22.92	53.44	74.00	-20.56	peak

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

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

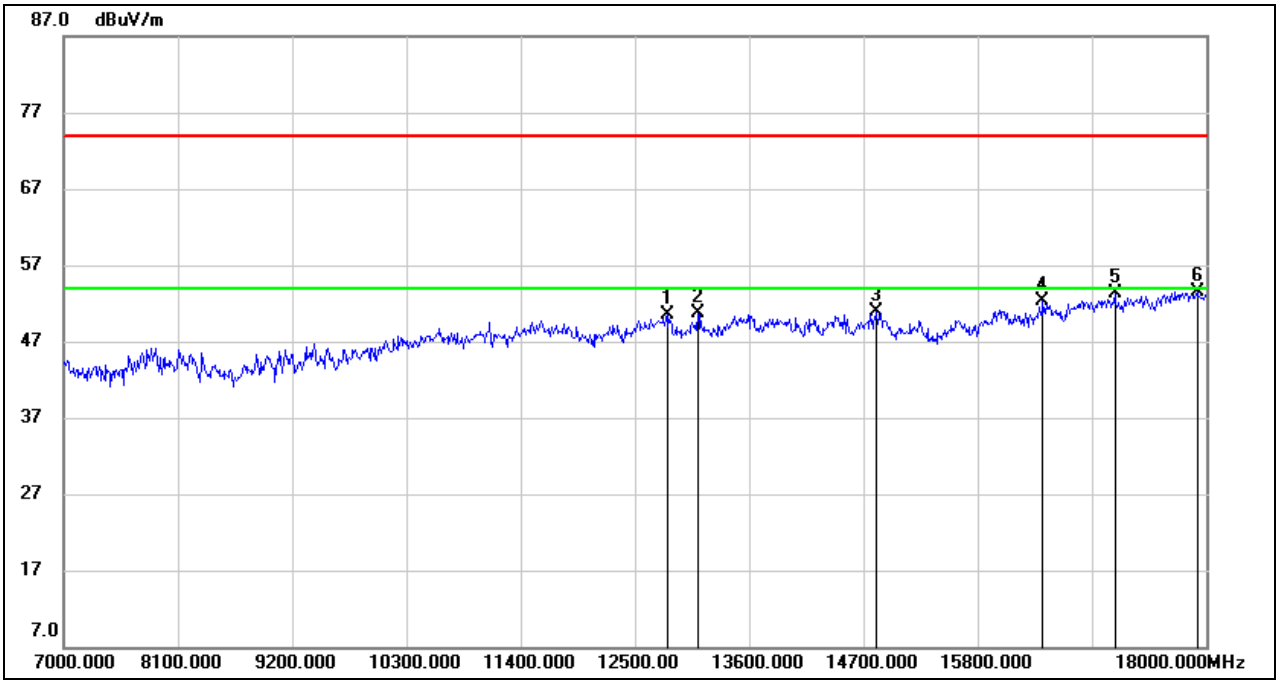
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1570.000	54.31	-11.81	42.50	74.00	-31.50	peak
2	1996.000	59.25	-10.24	49.01	74.00	-24.99	peak
3	2086.000	53.68	-9.79	43.89	74.00	-30.11	peak
4	2392.000	49.07	-8.63	40.44	74.00	-33.56	peak
5	3982.000	45.79	-3.71	42.08	74.00	-31.92	peak
6	5686.000	40.33	1.98	42.31	74.00	-31.69	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. 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 was deemed to comply with the limits list in the standard.

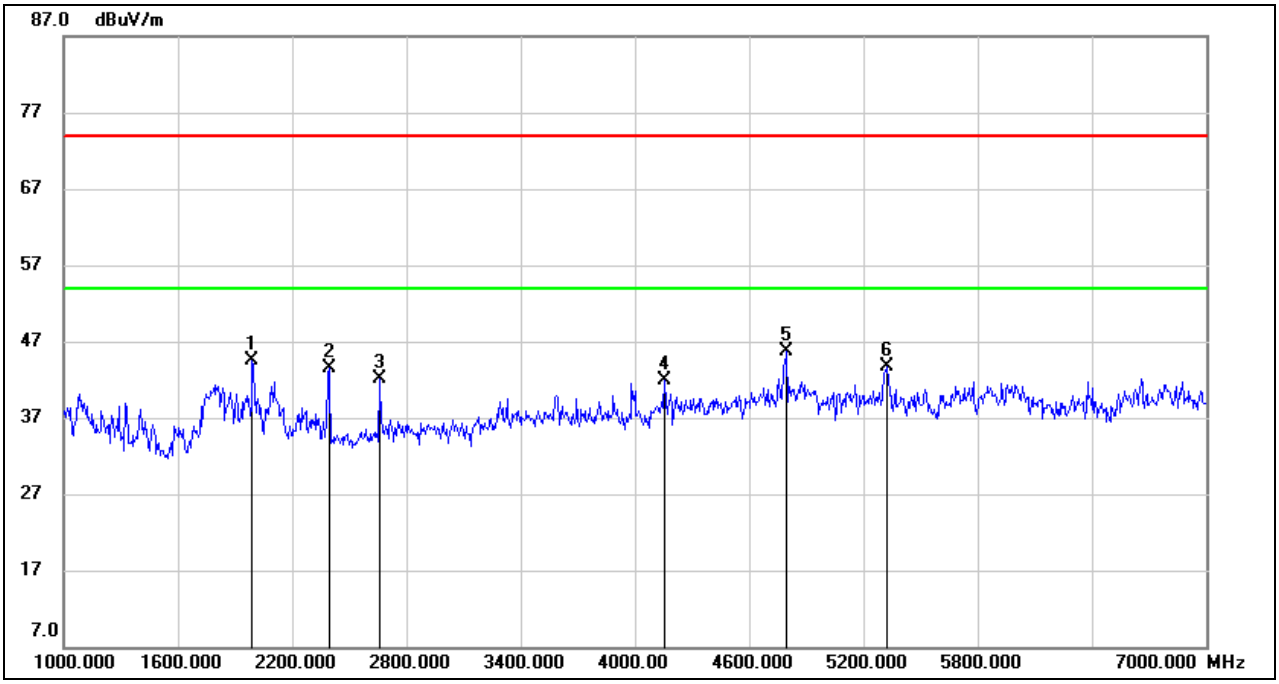
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12808.000	34.45	16.09	50.54	74.00	-23.46	peak
2	13105.000	35.23	15.39	50.62	74.00	-23.38	peak
3	14821.000	34.79	16.09	50.88	74.00	-23.12	peak
4	16427.000	32.88	19.37	52.25	74.00	-21.75	peak
5	17120.000	32.27	20.95	53.22	74.00	-20.78	peak
6	17912.000	30.06	23.42	53.48	74.00	-20.52	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 complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

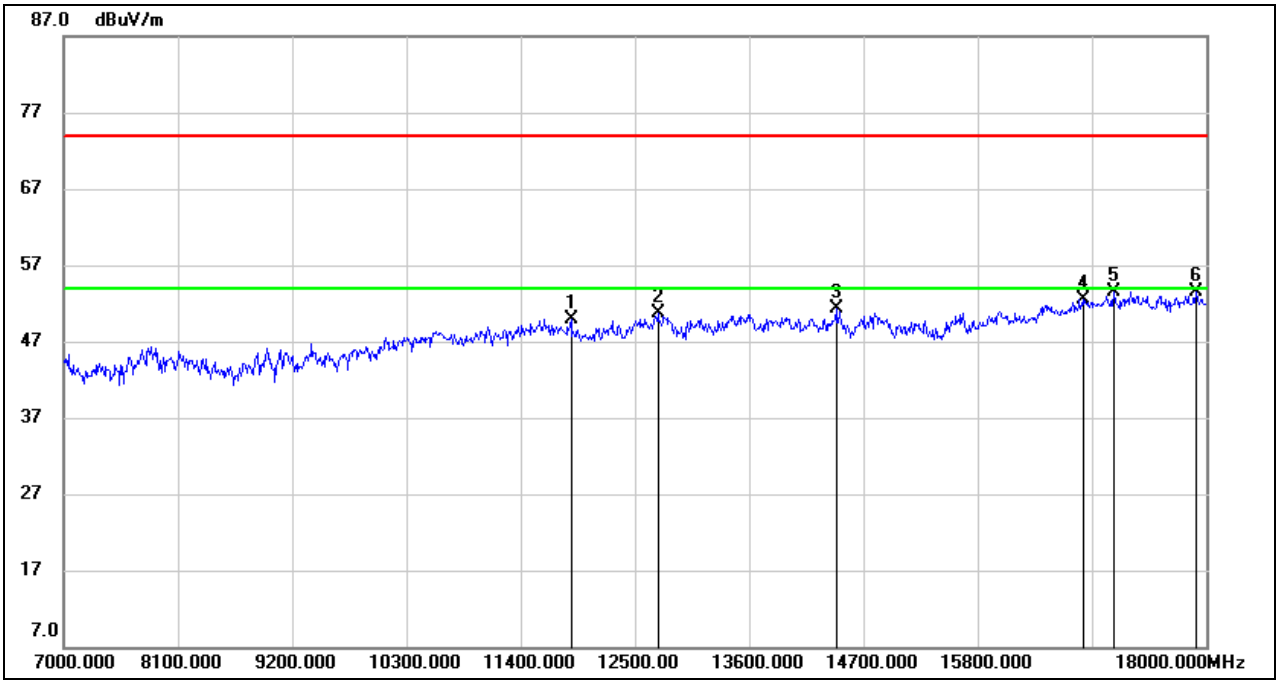
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1990.000	54.83	-10.24	44.59	74.00	-29.41	peak
2	2392.000	52.19	-8.63	43.56	74.00	-30.44	peak
3	2656.000	49.96	-7.83	42.13	74.00	-31.87	peak
4	4156.000	44.10	-2.22	41.88	74.00	-32.12	peak
5	4798.000	45.25	0.52	45.77	74.00	-28.23	peak
6	5320.000	41.97	1.70	43.67	74.00	-30.33	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 was deemed to comply with the limits list in the standard.

VERTICAL RESULTS
7-18GHz



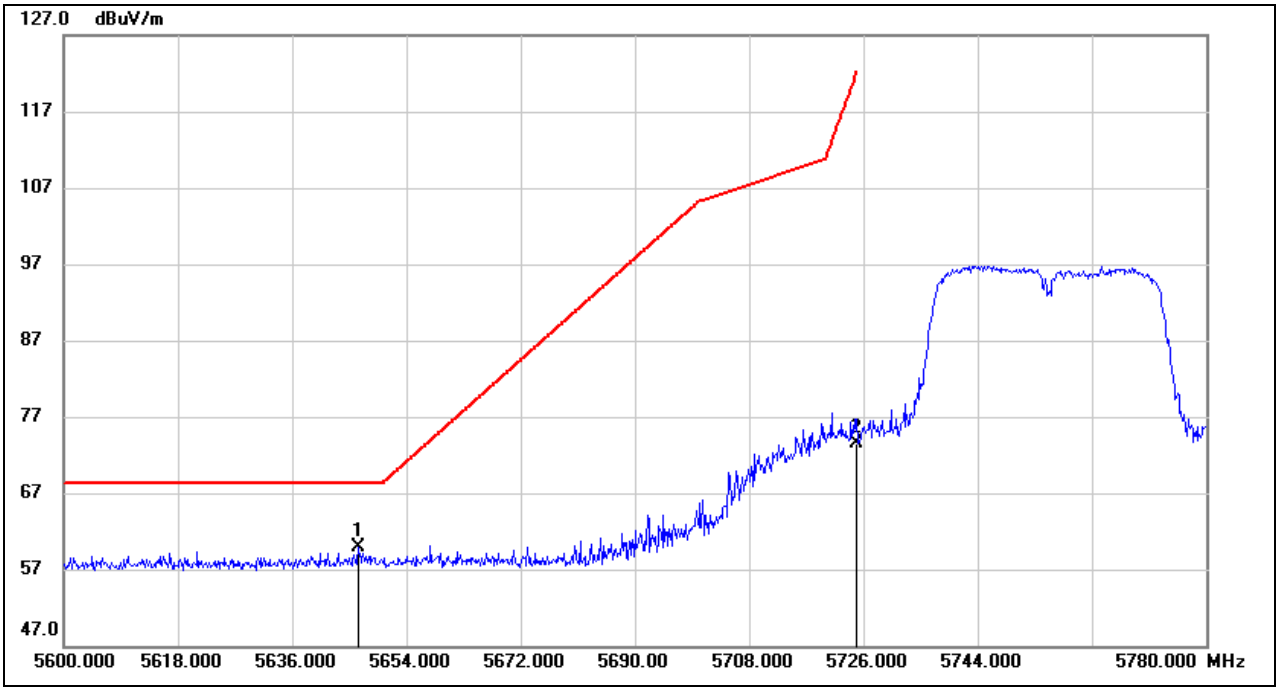
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11884.000	36.50	13.38	49.88	74.00	-24.12	peak
2	12720.000	35.93	14.79	50.72	74.00	-23.28	peak
3	14436.000	34.63	16.64	51.27	74.00	-22.73	peak
4	16812.000	32.38	20.18	52.56	74.00	-21.44	peak
5	17109.000	32.64	20.91	53.55	74.00	-20.45	peak
6	17901.000	30.02	23.40	53.42	74.00	-20.58	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 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 was deemed to comply with the limits list in the standard.

8.3.1. UNII-3 BAND

RESTRICTED BANDEDGE LOW CHANNEL

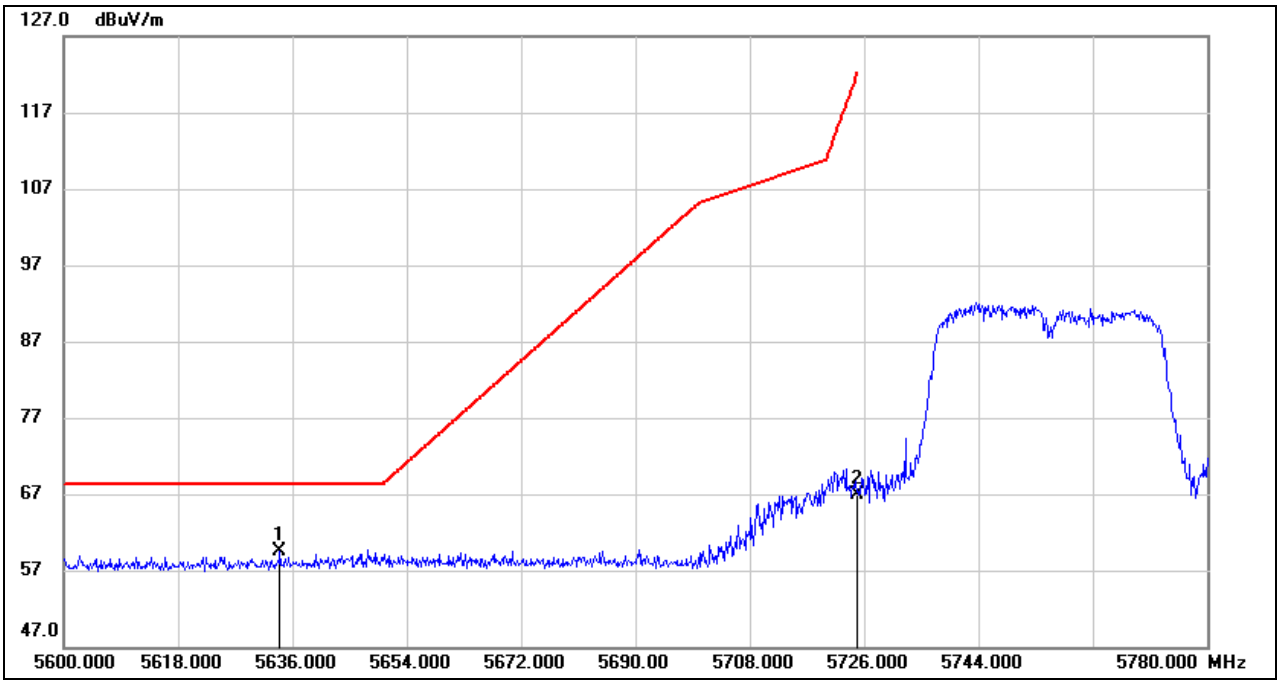
HORIZONTAL RESULTS



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5646.440	18.33	41.48	59.81	68.20	-8.39	peak
2	5725.000	31.95	41.61	73.56	122.20	-48.64	peak

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

VERTICAL RESULTS

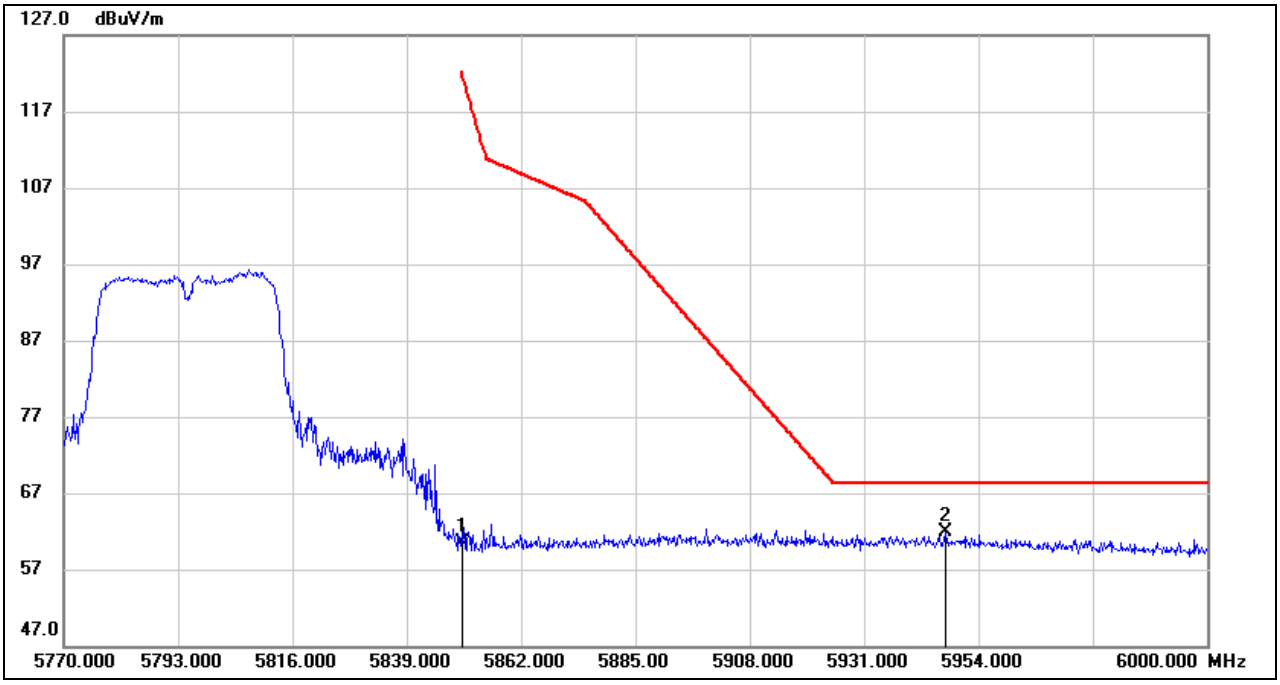


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5634.020	18.01	41.47	59.48	68.20	-8.72	peak
2	5725.000	25.20	41.61	66.81	122.20	-55.39	peak

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

RESTRICTED BANDEDGE HIGH CHANNEL

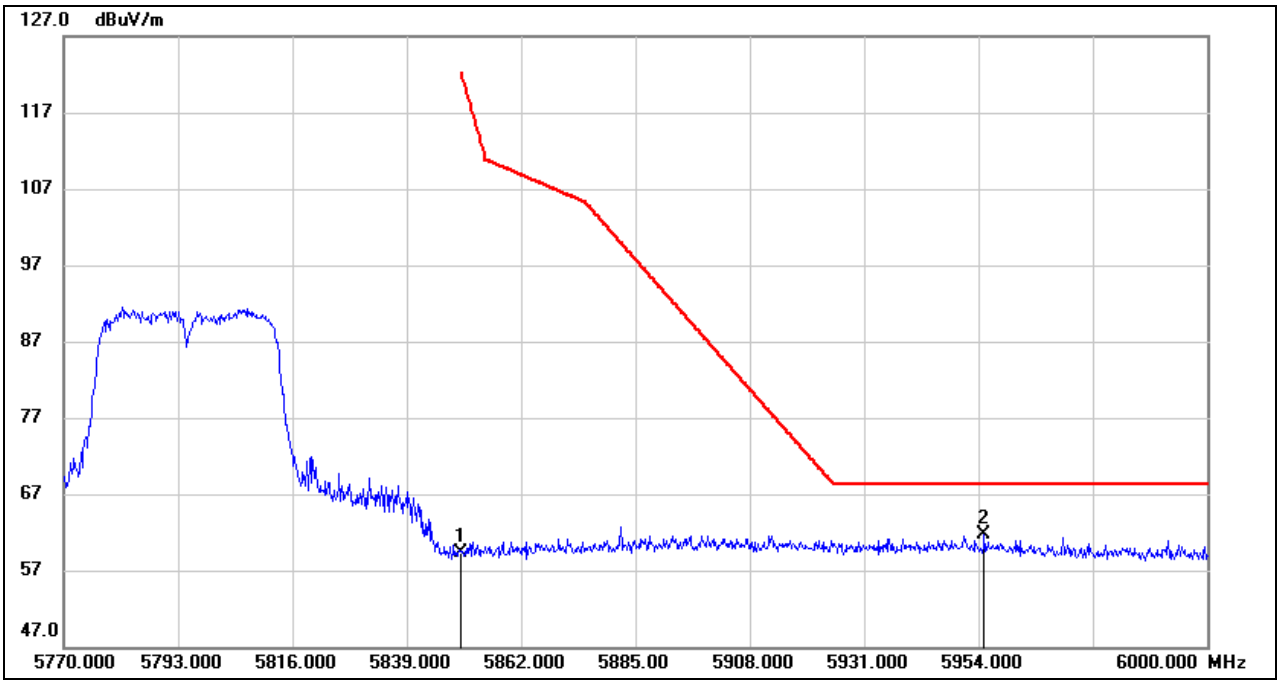
HORIZONTAL RESULTS



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	17.59	42.89	60.48	122.20	-61.72	peak
2	5947.330	18.77	43.04	61.81	68.20	-6.39	peak

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

VERTICAL RESULTS

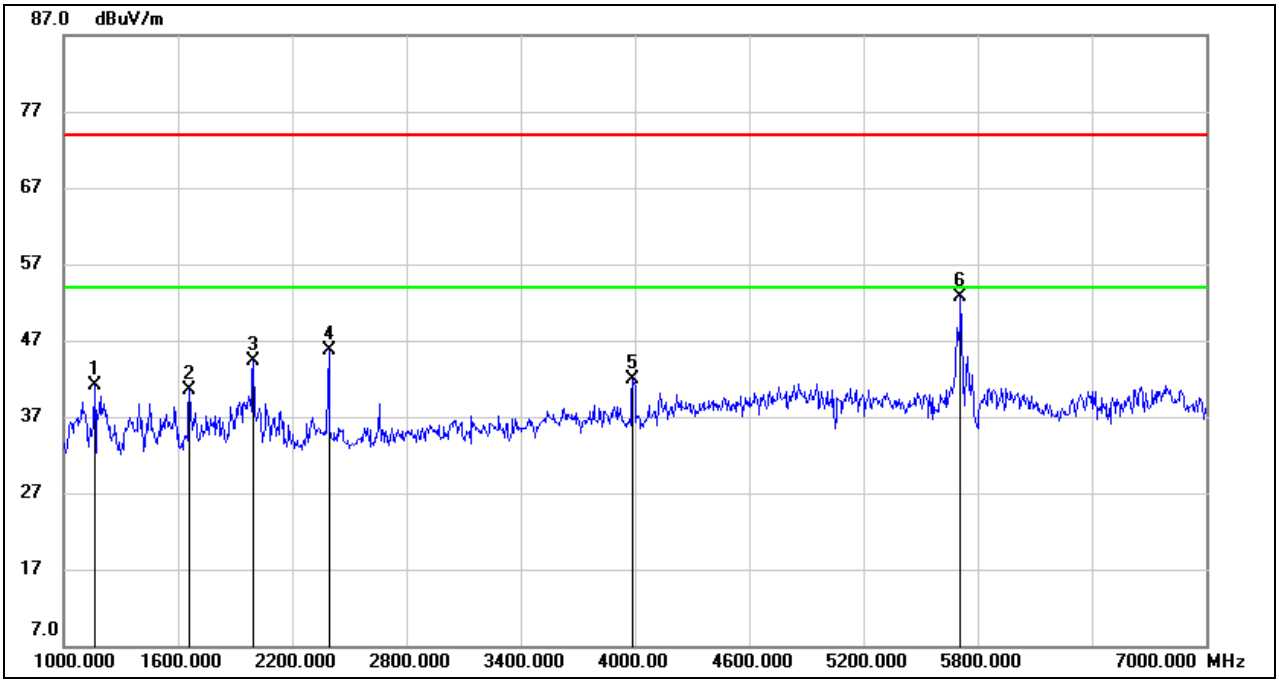


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	16.32	42.89	59.21	122.20	-62.99	peak
2	5955.150	18.71	42.91	61.62	68.20	-6.58	peak

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

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

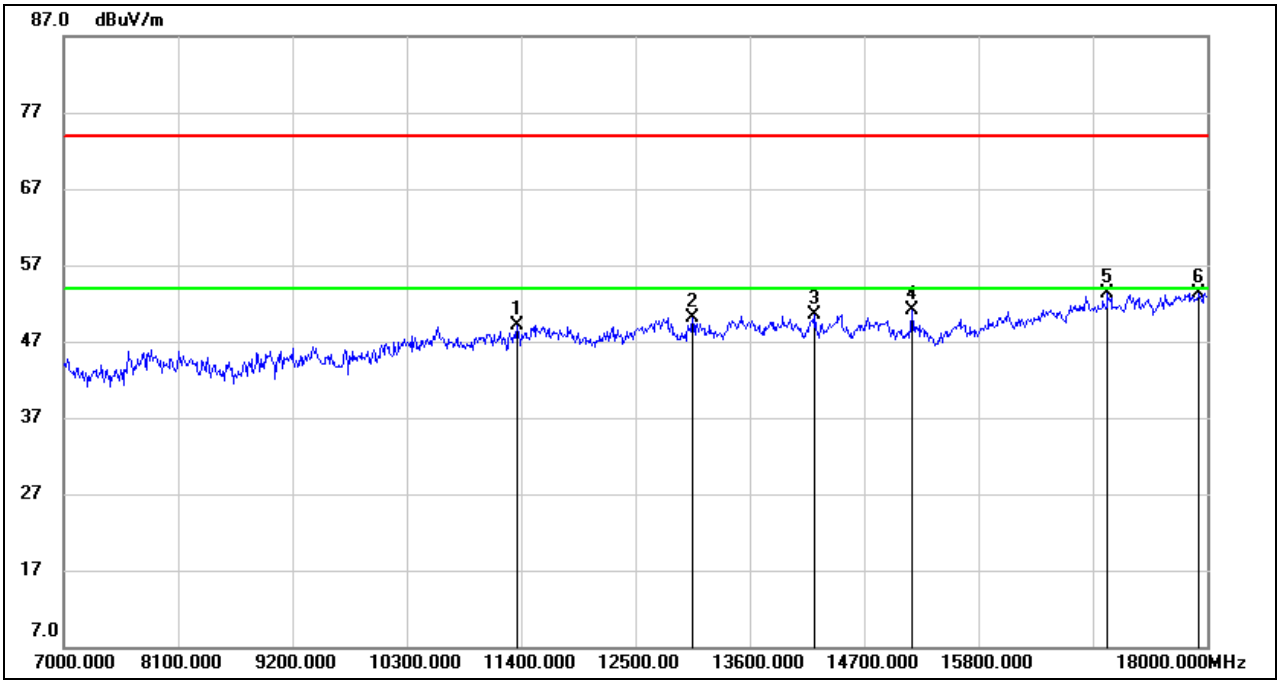
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1162.000	54.31	-13.26	41.05	74.00	-32.95	peak
2	1660.000	51.57	-11.16	40.41	74.00	-33.59	peak
3	1996.000	54.46	-10.24	44.22	74.00	-29.78	peak
4	2392.000	54.24	-8.63	45.61	74.00	-28.39	peak
5	3988.000	45.62	-3.72	41.90	74.00	-32.10	peak
6	5710.000	50.66	1.98	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 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 was deemed to comply with the limits list in the standard.

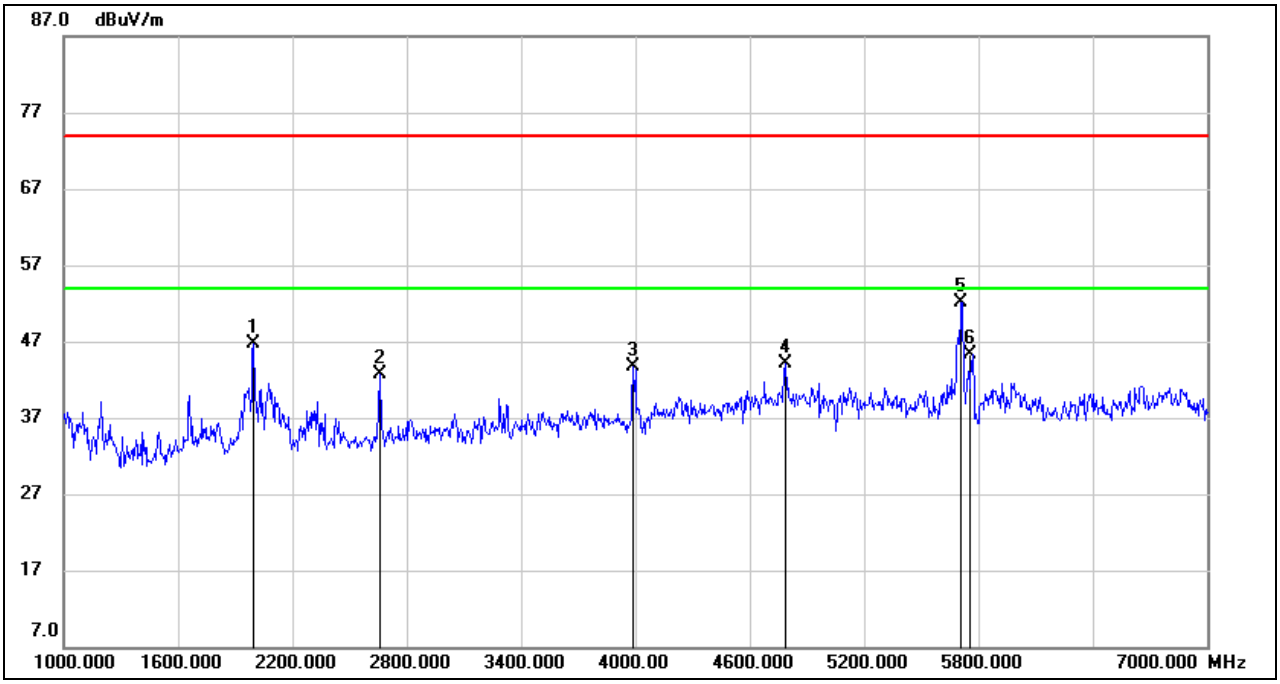
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11356.000	36.60	12.51	49.11	74.00	-24.89	peak
2	13050.000	34.91	15.20	50.11	74.00	-23.89	peak
3	14227.000	34.04	16.47	50.51	74.00	-23.49	peak
4	15162.000	34.91	16.10	51.01	74.00	-22.99	peak
5	17043.000	32.47	20.74	53.21	74.00	-20.79	peak
6	17923.000	29.93	23.42	53.35	74.00	-20.65	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 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 was deemed to comply with the limits list in the standard.

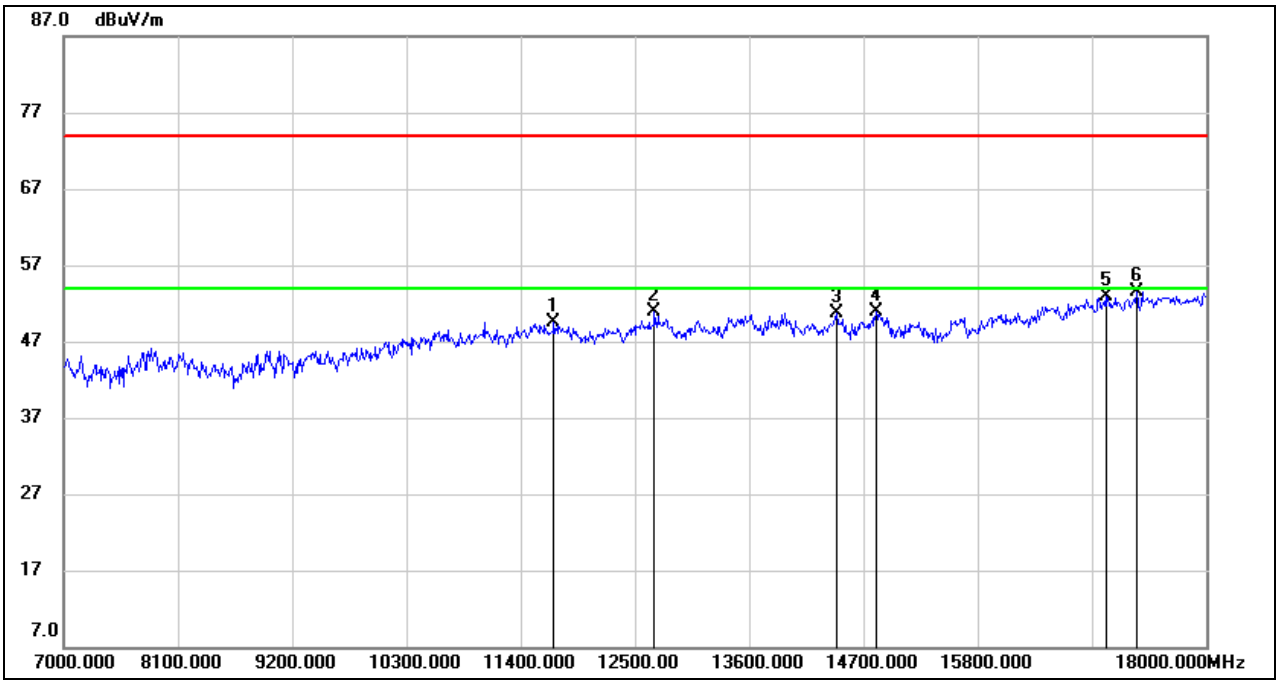
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1996.000	56.98	-10.24	46.74	74.00	-27.26	peak
2	2656.000	50.58	-7.83	42.75	74.00	-31.25	peak
3	3988.000	47.46	-3.72	43.74	74.00	-30.26	peak
4	4786.000	43.61	0.44	44.05	74.00	-29.95	peak
5	5710.000	50.22	1.98	52.20	74.00	-21.80	peak
6	5755.000	43.31	1.97	45.28	74.00	-28.72	peak

Note: 1. Measurement = Reading 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 was deemed to comply with the limits list in the standard.

7-18GHz

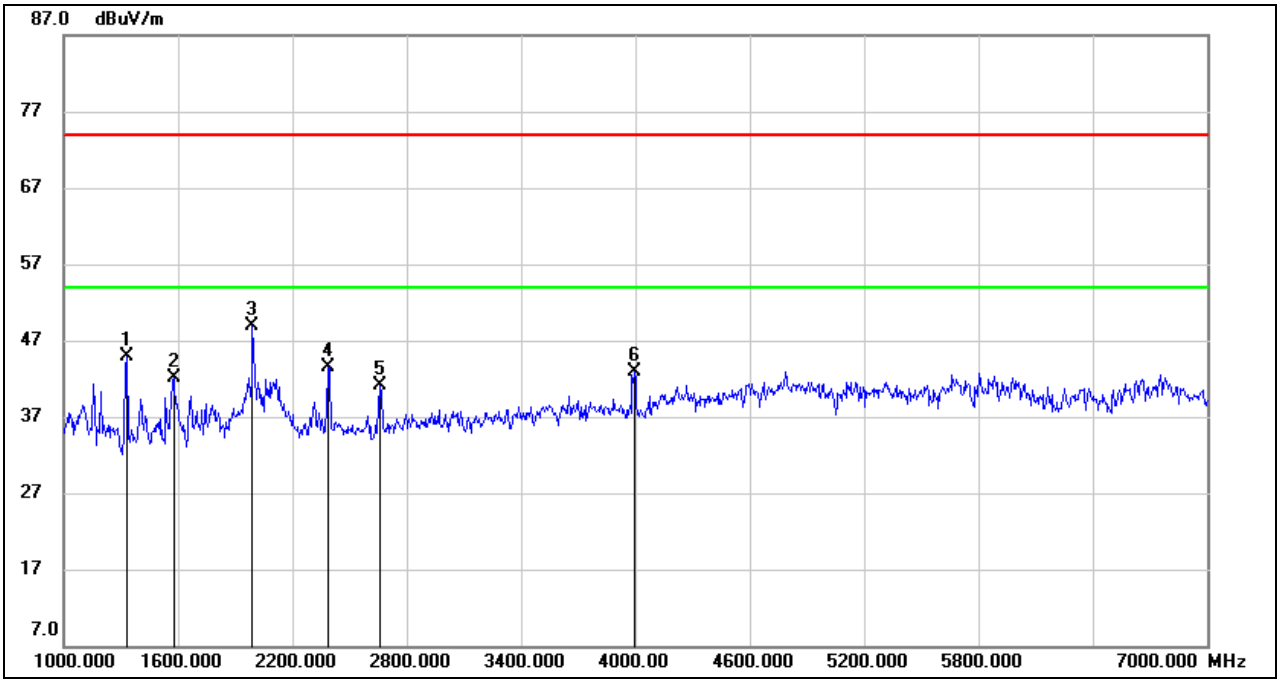


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11719.000	36.43	13.09	49.52	74.00	-24.48	peak
2	12687.000	36.54	14.40	50.94	74.00	-23.06	peak
3	14447.000	34.13	16.63	50.76	74.00	-23.24	peak
4	14821.000	34.89	16.09	50.98	74.00	-23.02	peak
5	17032.000	32.12	20.72	52.84	74.00	-21.16	peak
6	17329.000	31.69	21.78	53.47	74.00	-20.53	peak

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

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

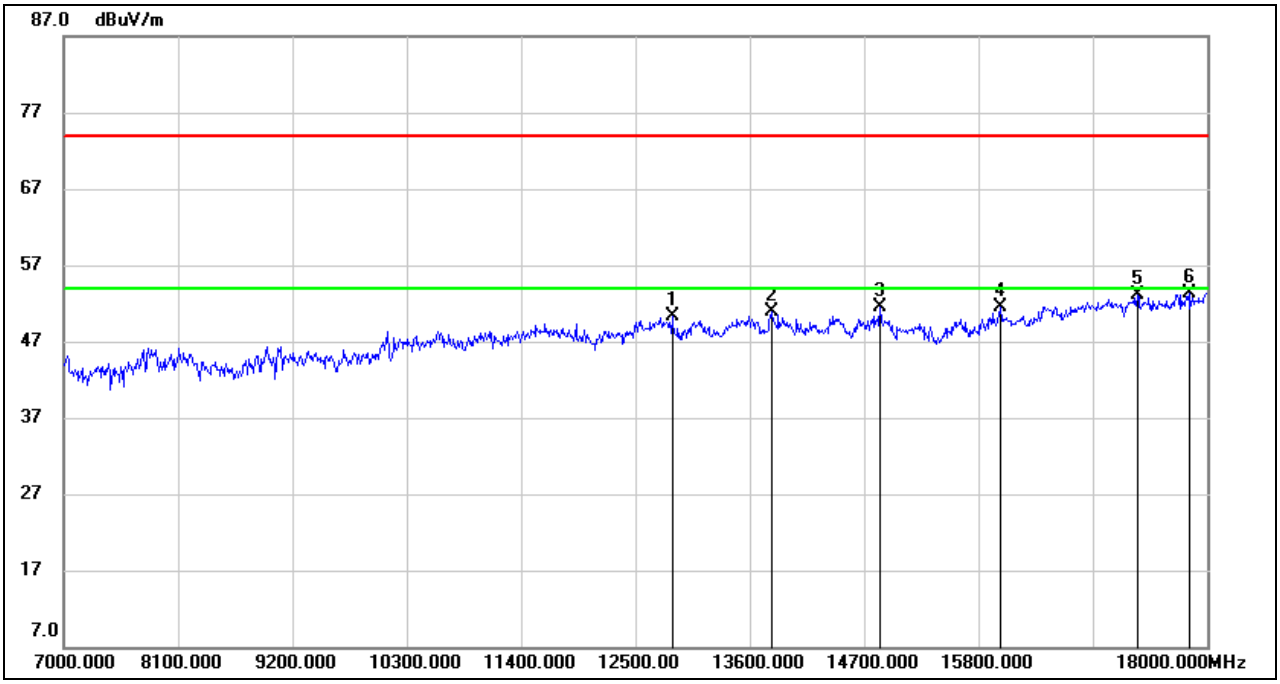
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1330.000	57.87	-12.88	44.99	74.00	-29.01	peak
2	1576.000	53.93	-11.78	42.15	74.00	-31.85	peak
3	1990.000	59.15	-10.24	48.91	74.00	-25.09	peak
4	2386.000	52.16	-8.67	43.49	74.00	-30.51	peak
5	2656.000	48.88	-7.83	41.05	74.00	-32.95	peak
6	3994.000	46.65	-3.73	42.92	74.00	-31.08	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 was deemed to comply with the limits list in the standard.

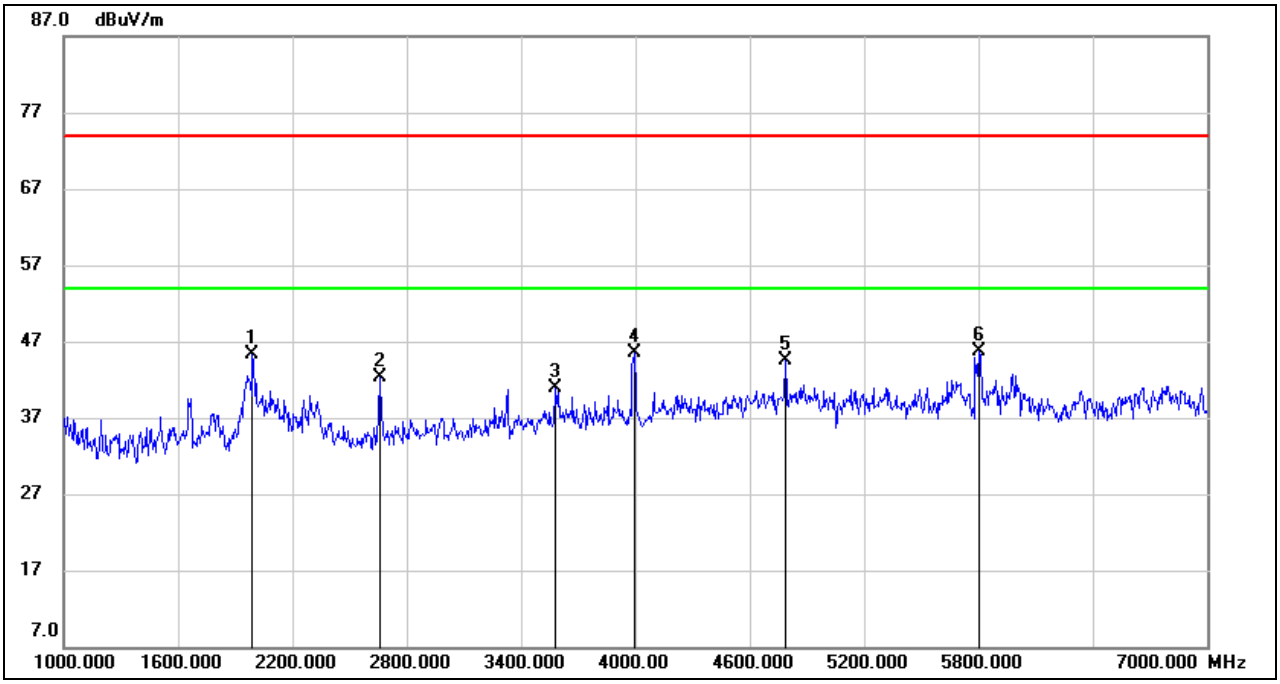
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12852.000	34.76	15.61	50.37	74.00	-23.63	peak
2	13809.000	33.85	16.99	50.84	74.00	-23.16	peak
3	14854.000	35.36	16.13	51.49	74.00	-22.51	peak
4	16009.000	33.60	17.85	51.45	74.00	-22.55	peak
5	17329.000	31.24	21.78	53.02	74.00	-20.98	peak
6	17824.000	29.86	23.42	53.28	74.00	-20.72	peak

Note: 1. Measurement = Reading 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 was deemed to comply with the limits list in the standard.

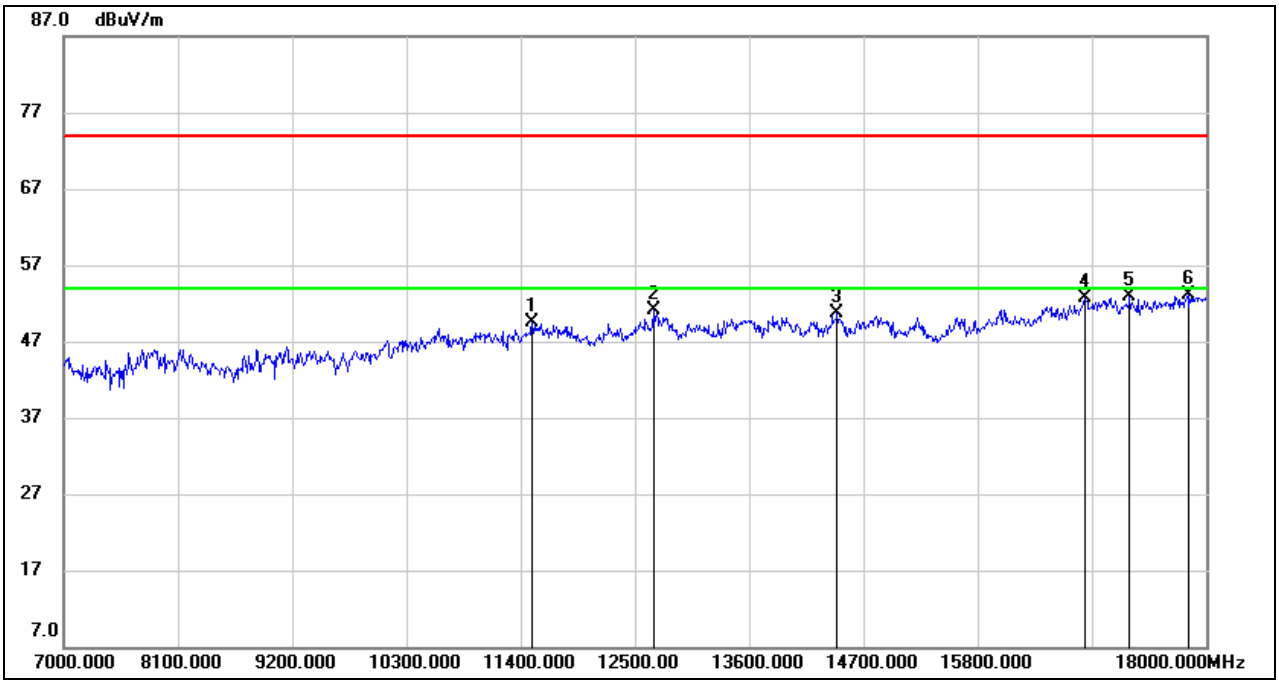
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1990.000	55.49	-10.24	45.25	74.00	-28.75	peak
2	2656.000	50.12	-7.83	42.29	74.00	-31.71	peak
3	3580.000	45.55	-4.58	40.97	74.00	-33.03	peak
4	3994.000	49.27	-3.73	45.54	74.00	-28.46	peak
5	4786.000	44.06	0.44	44.50	74.00	-29.50	peak
6	5795.000	43.82	1.95	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 complies with the lowest limit(54dBuV/m), so all the test point was 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	11510.000	36.07	13.39	49.46	74.00	-24.54	peak
2	12676.000	36.74	14.38	51.12	74.00	-22.88	peak
3	14447.000	34.01	16.63	50.64	74.00	-23.36	peak
4	16834.000	32.46	20.15	52.61	74.00	-21.39	peak
5	17263.000	31.26	21.64	52.90	74.00	-21.10	peak
6	17824.000	29.70	23.42	53.12	74.00	-20.88	peak

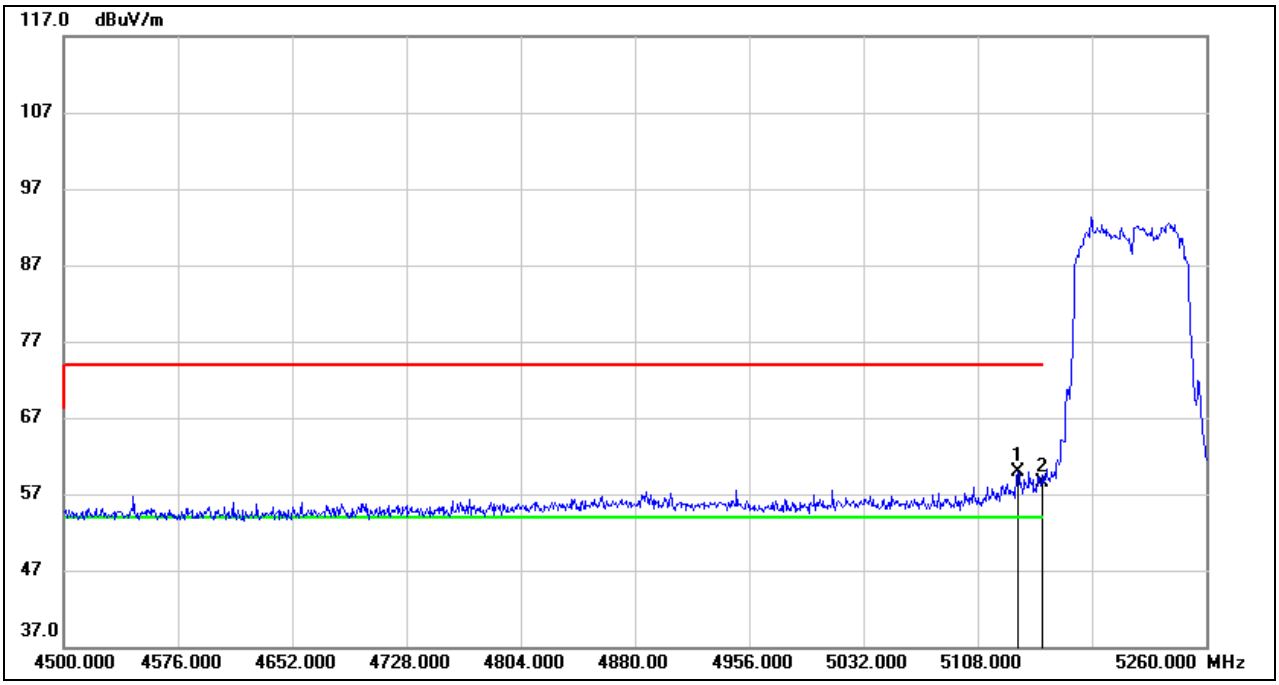
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
5. Proper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

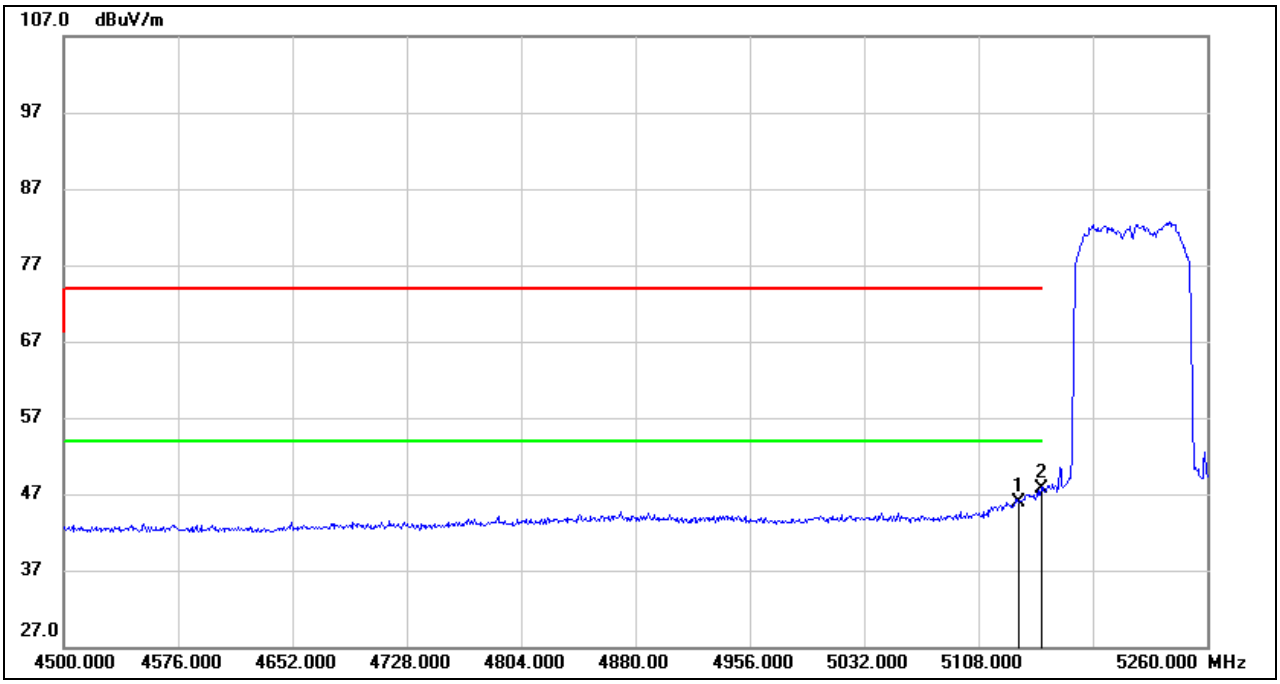
HORIZONTAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5134.600	19.58	40.38	59.96	74.00	-14.04	peak
2	5150.000	18.05	40.46	58.51	74.00	-15.49	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. 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	5134.600	5.50	40.38	45.88	54.00	-8.12	AVG
2	5150.000	7.34	40.46	47.80	54.00	-6.20	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.

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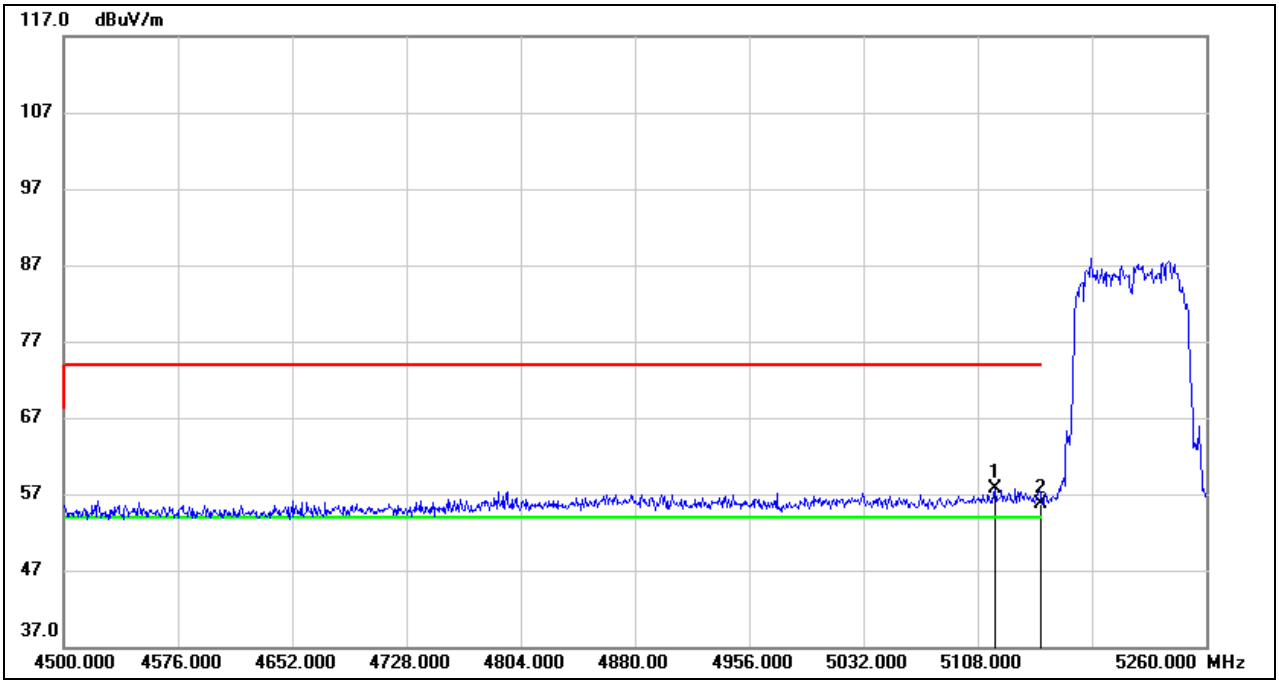
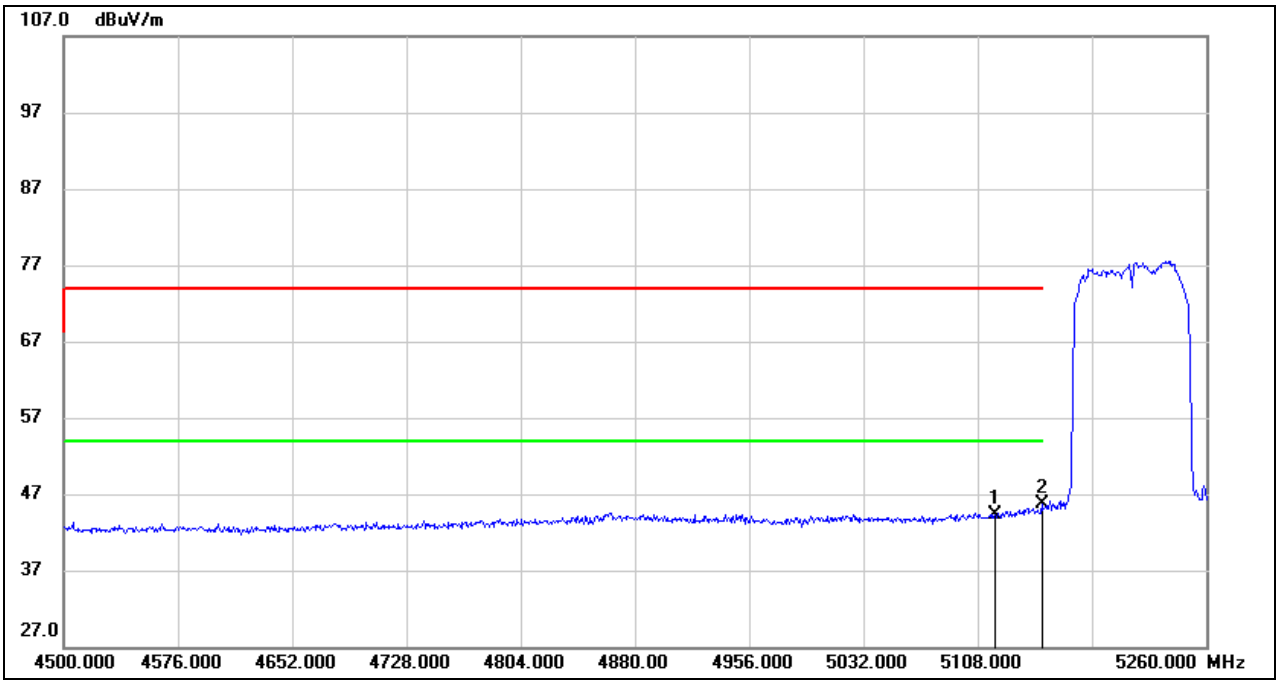
VERTICAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5119.400	17.46	40.29	57.75	74.00	-16.25	peak
2	5150.000	15.33	40.46	55.79	74.00	-18.21	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. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG

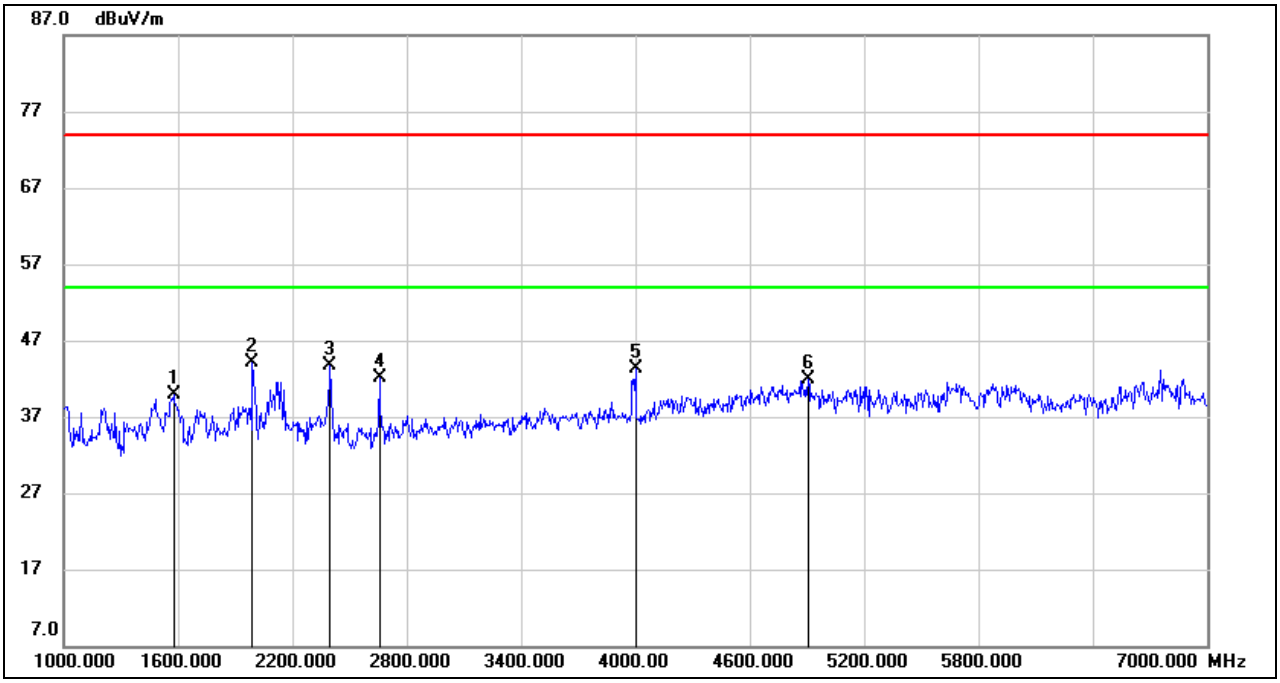


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5119.400	3.91	40.29	44.20	54.00	-9.80	AVG
2	5150.000	5.18	40.46	45.64	54.00	-8.36	AVG

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

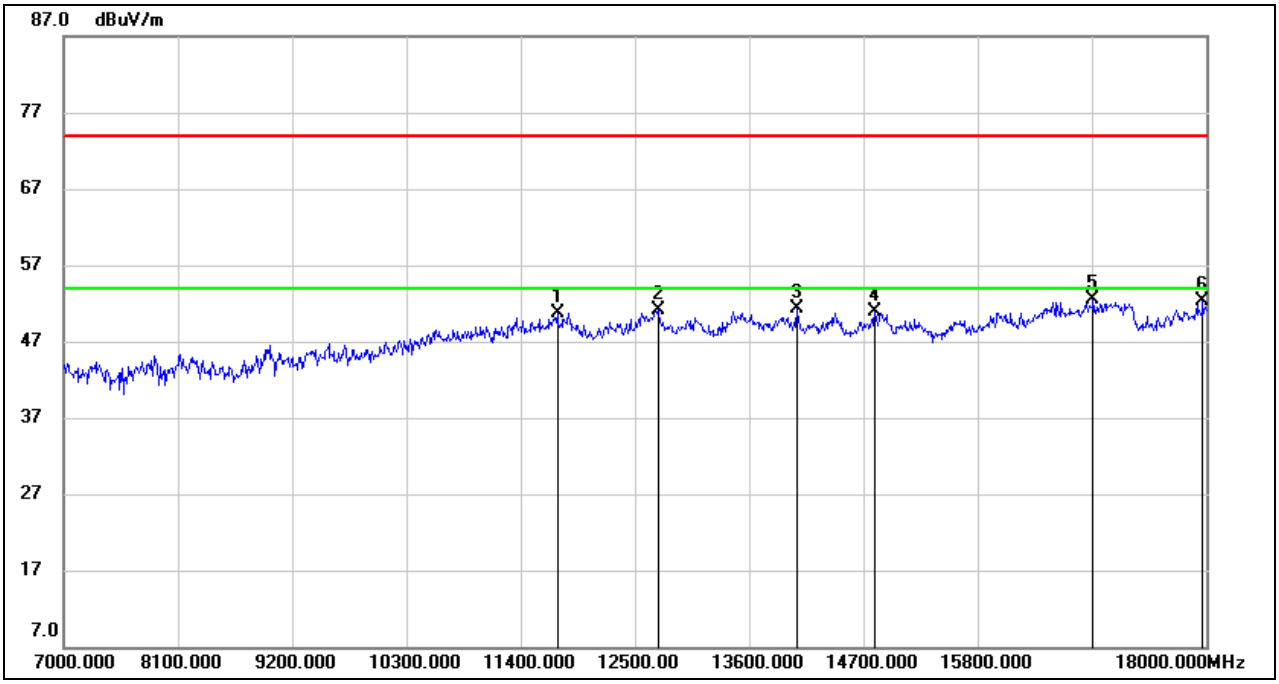
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1576.000	51.76	-11.78	39.98	74.00	-34.02	peak
2	1990.000	54.38	-10.24	44.14	74.00	-29.86	peak
3	2398.000	52.39	-8.62	43.77	74.00	-30.23	peak
4	2656.000	49.96	-7.83	42.13	74.00	-31.87	peak
5	4000.000	46.98	-3.74	43.24	74.00	-30.76	peak
6	4906.000	41.28	0.69	41.97	74.00	-32.03	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 complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

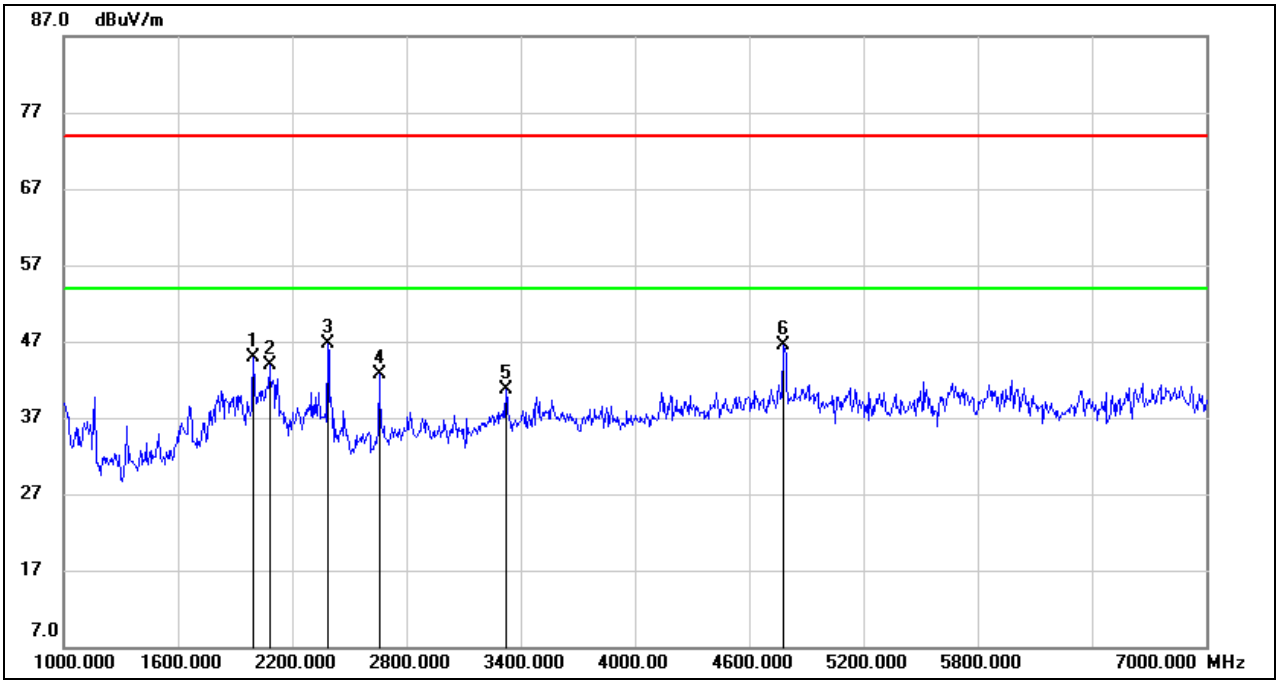
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11752.000	36.43	14.33	50.76	74.00	-23.24	peak
2	12720.000	35.76	15.27	51.03	74.00	-22.97	peak
3	14062.000	35.19	16.12	51.31	74.00	-22.69	peak
4	14810.000	34.83	16.03	50.86	74.00	-23.14	peak
5	16911.000	32.10	20.32	52.42	74.00	-21.58	peak
6	17967.000	28.66	23.65	52.31	74.00	-21.69	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. 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 was deemed to comply with the limits list in the standard.

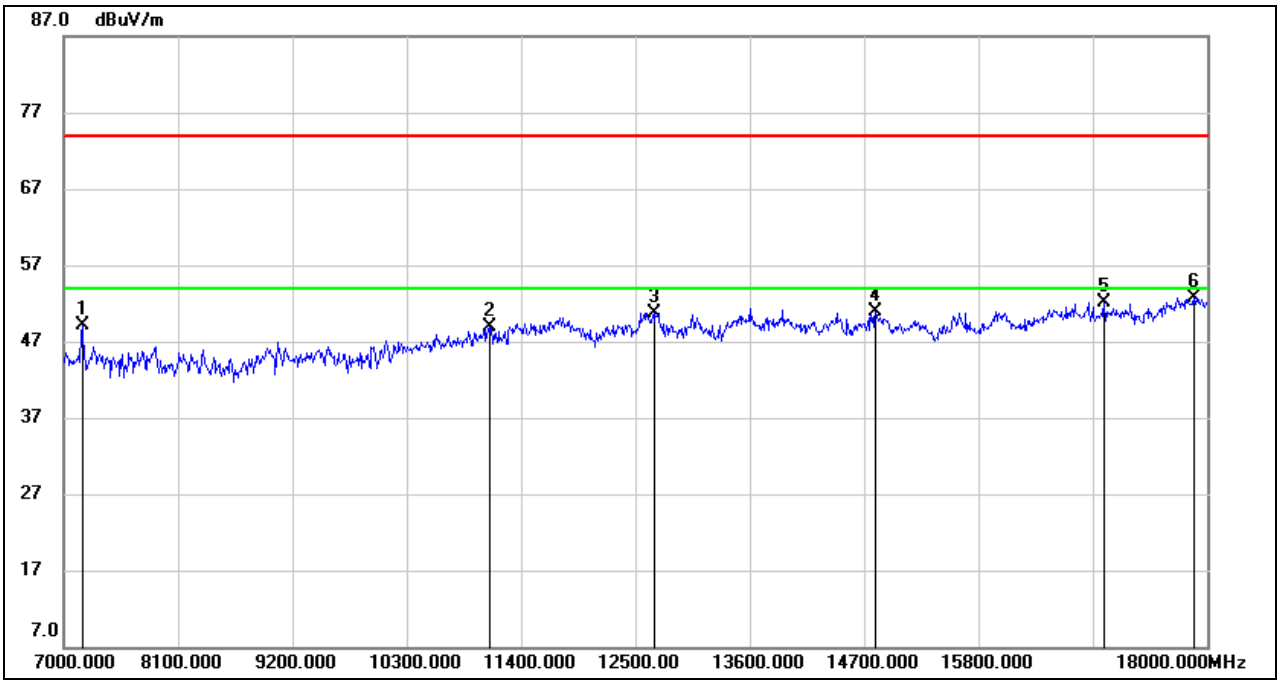
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1996.000	55.19	-10.24	44.95	74.00	-29.05	peak
2	2080.000	53.71	-9.82	43.89	74.00	-30.11	peak
3	2386.000	55.42	-8.67	46.75	74.00	-27.25	peak
4	2656.000	50.46	-7.83	42.63	74.00	-31.37	peak
5	3322.000	46.30	-5.53	40.77	74.00	-33.23	peak
6	4780.000	46.08	0.41	46.49	74.00	-27.51	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.
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 was deemed to comply with the limits list in the standard.

7-18GHz



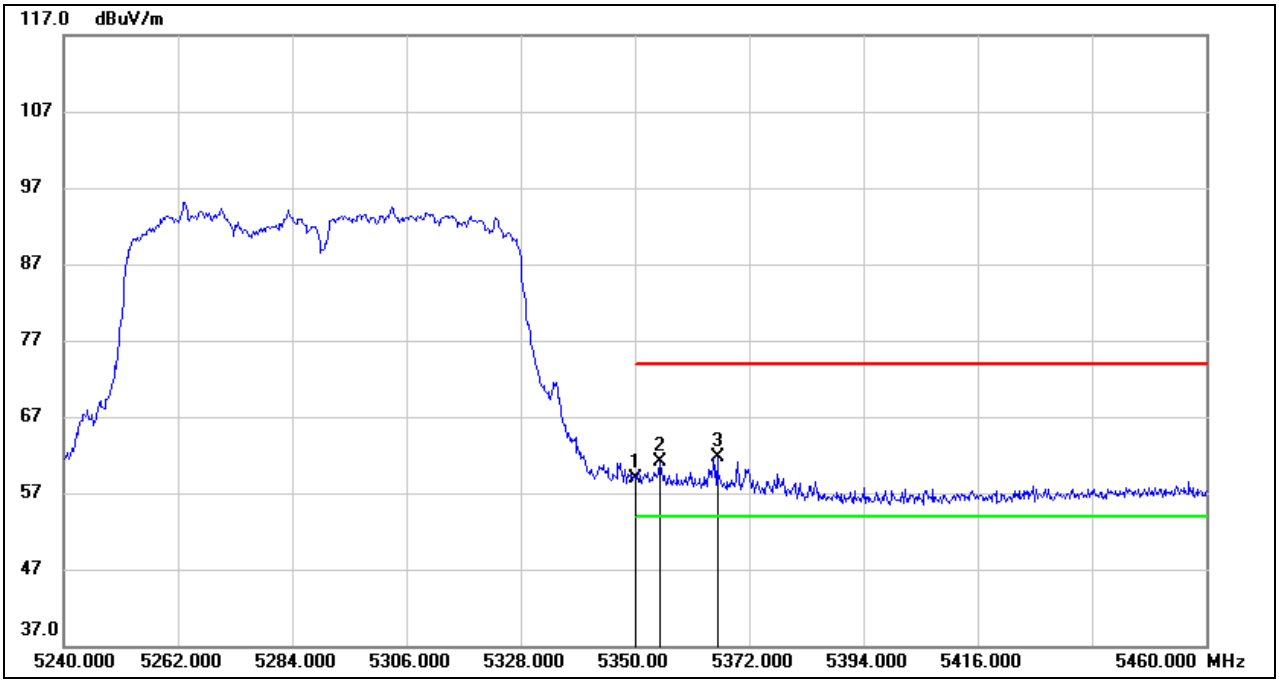
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7176.000	42.16	7.01	49.17	74.00	-24.83	peak
2	11092.000	36.18	12.81	48.99	74.00	-25.01	peak
3	12687.000	35.49	15.24	50.73	74.00	-23.27	peak
4	14810.000	34.80	16.03	50.83	74.00	-23.17	peak
5	17010.000	31.50	20.54	52.04	74.00	-21.96	peak
6	17868.000	29.15	23.56	52.71	74.00	-21.29	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 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 was deemed to comply with the limits list in the standard.

8.4.2. UNII-2A BAND

RESTRICTED BANDEDGE LOW CHANNEL

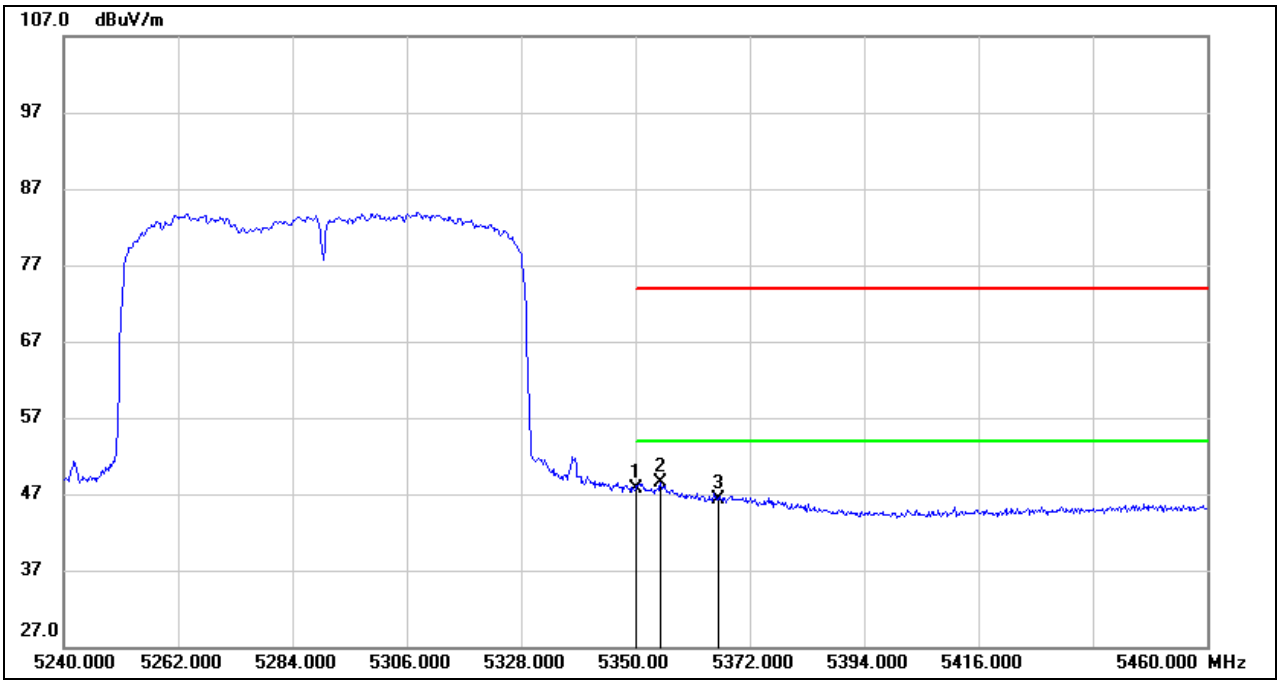
HORIZONTAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	18.23	40.64	58.87	74.00	-15.13	peak
2	5354.840	20.40	40.63	61.03	74.00	-12.97	peak
3	5365.840	21.07	40.60	61.67	74.00	-12.33	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. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

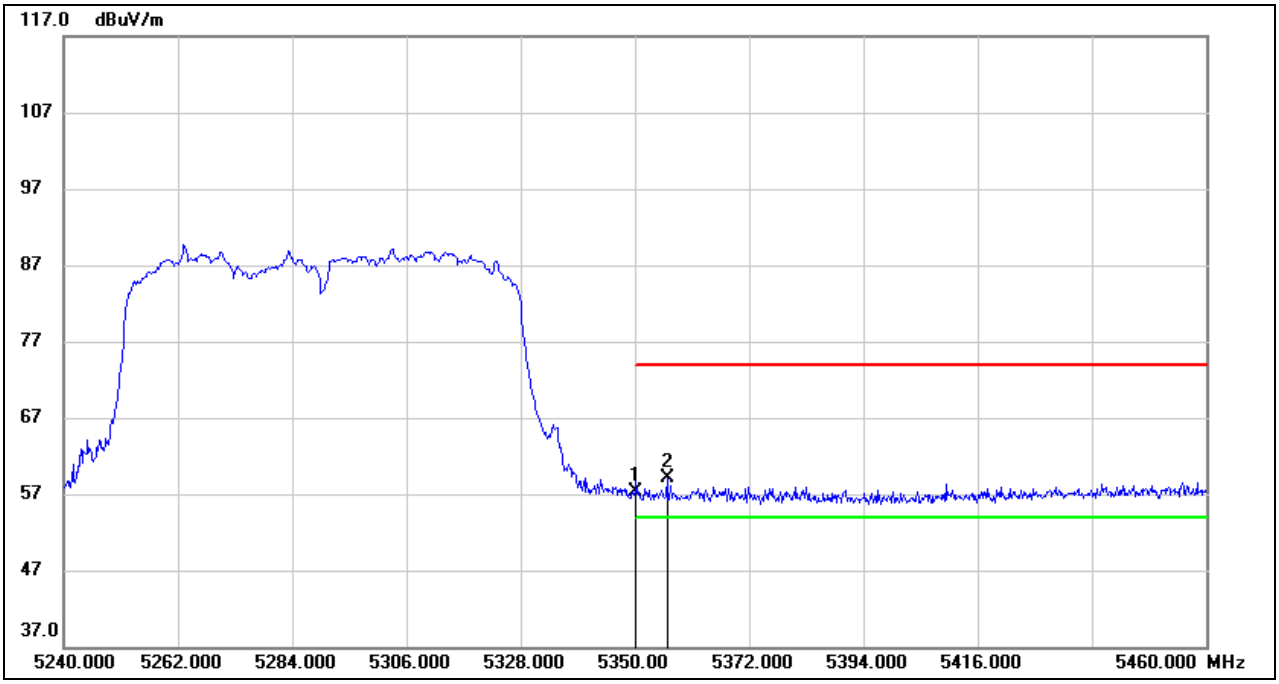
AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	7.13	40.64	47.77	54.00	-6.23	AVG
2	5354.840	7.80	40.63	48.43	54.00	-5.57	AVG
3	5365.840	5.71	40.60	46.31	54.00	-7.69	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.

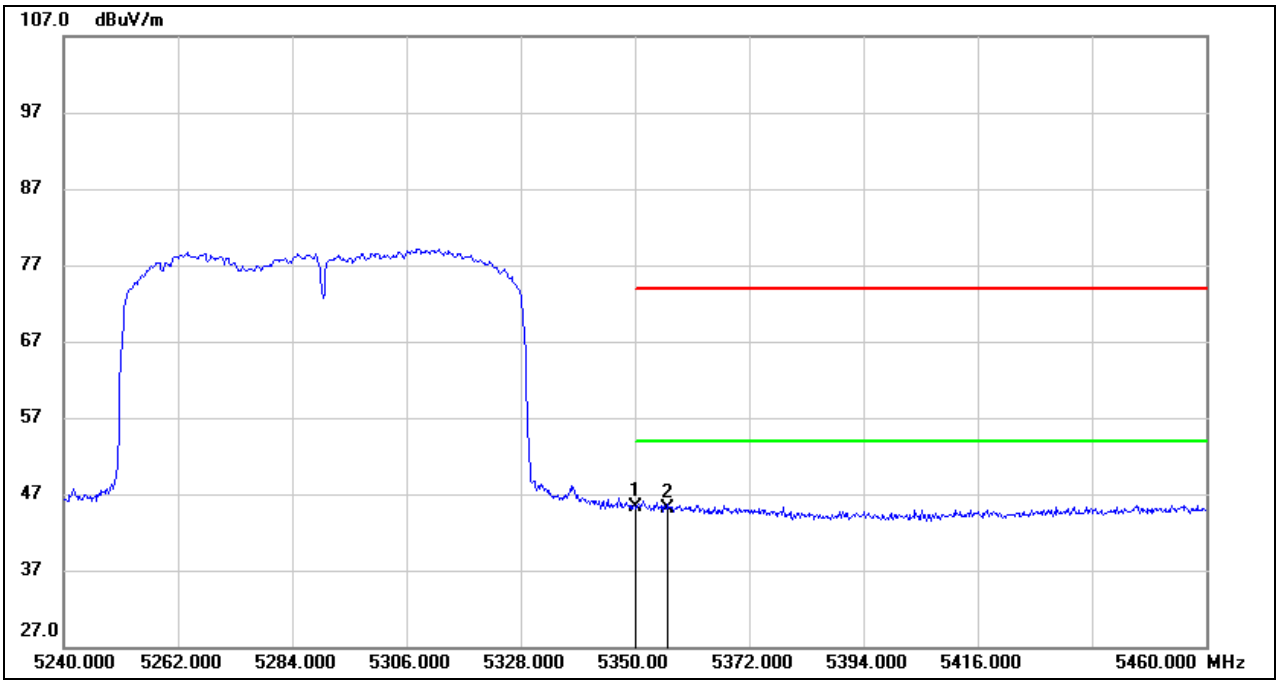
VERTICAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	16.57	40.64	57.21	74.00	-16.79	peak
2	5356.160	18.45	40.63	59.08	74.00	-14.92	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. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG

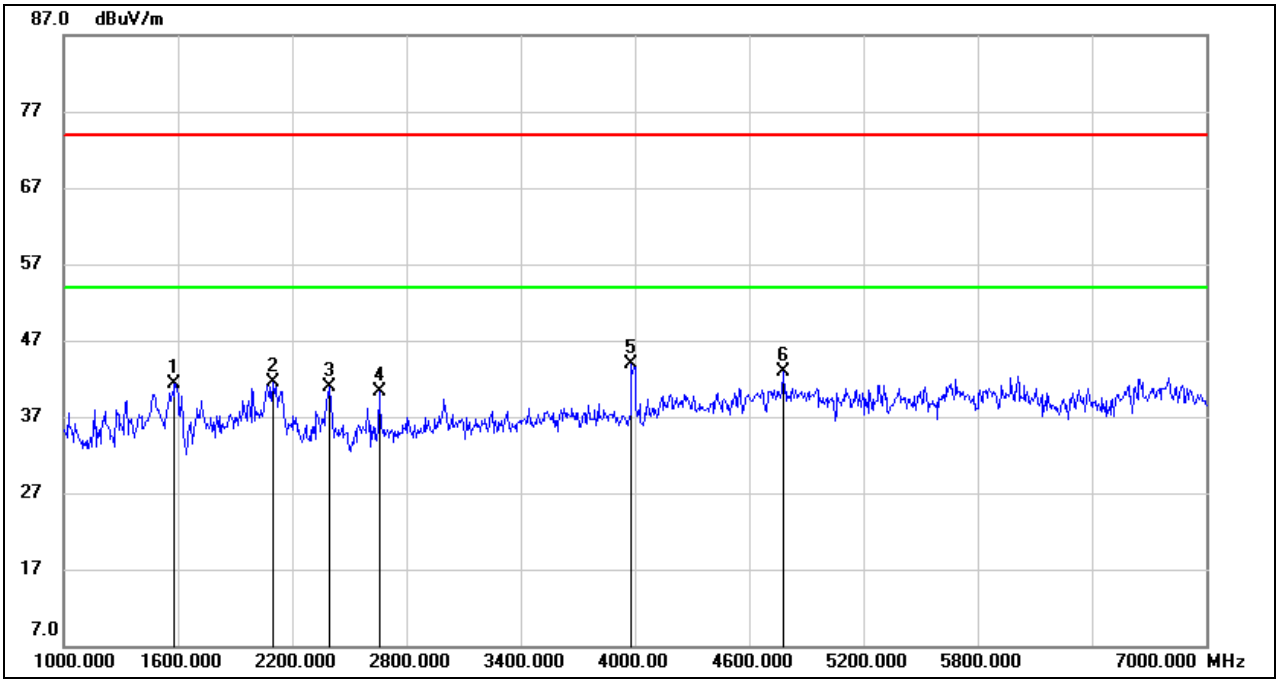


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	4.76	40.64	45.40	54.00	-8.60	AVG
2	5356.160	4.55	40.63	45.18	54.00	-8.82	AVG

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

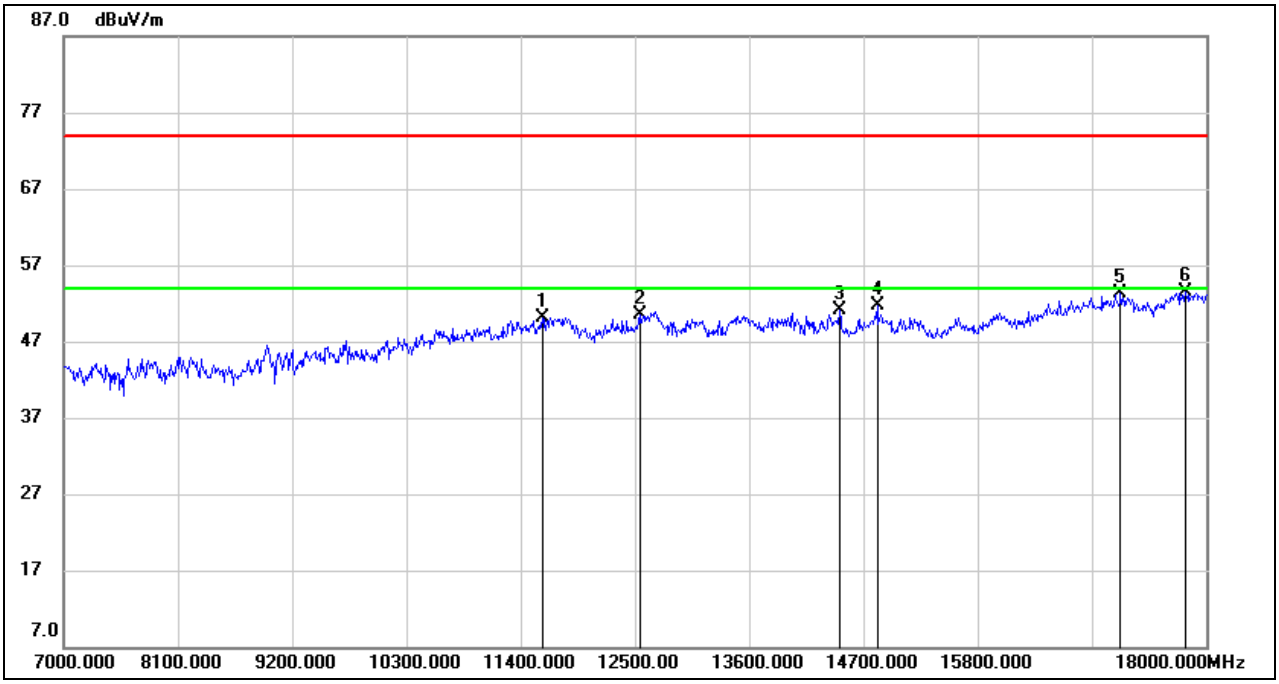
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1582.000	53.01	-11.74	41.27	74.00	-32.73	peak
2	2098.000	51.30	-9.72	41.58	74.00	-32.42	peak
3	2392.000	49.46	-8.63	40.83	74.00	-33.17	peak
4	2656.000	48.17	-7.83	40.34	74.00	-33.66	peak
5	3982.000	47.61	-3.71	43.90	74.00	-30.10	peak
6	4780.000	42.53	0.41	42.94	74.00	-31.06	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 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 was 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	11609.000	36.43	13.76	50.19	74.00	-23.81	peak
2	12544.000	35.42	15.05	50.47	74.00	-23.53	peak
3	14469.000	35.04	16.05	51.09	74.00	-22.91	peak
4	14832.000	35.72	16.04	51.76	74.00	-22.24	peak
5	17175.000	31.70	21.53	53.23	74.00	-20.77	peak
6	17802.000	29.96	23.49	53.45	74.00	-20.55	peak

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

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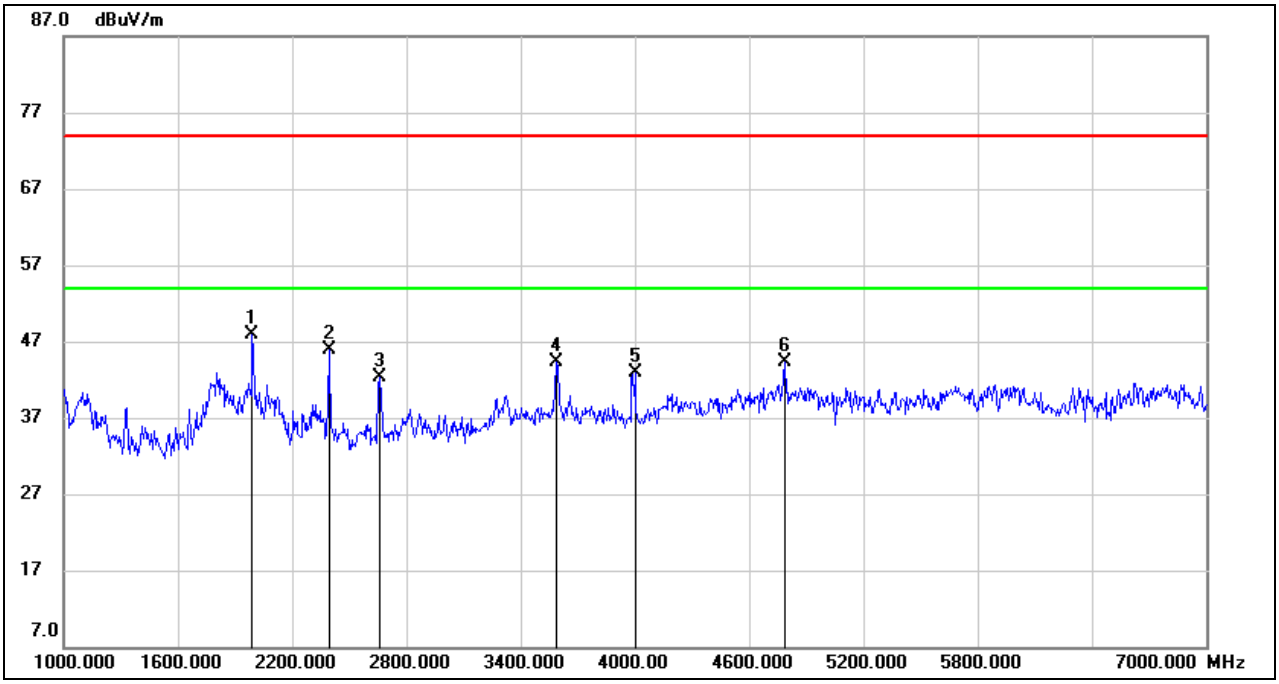
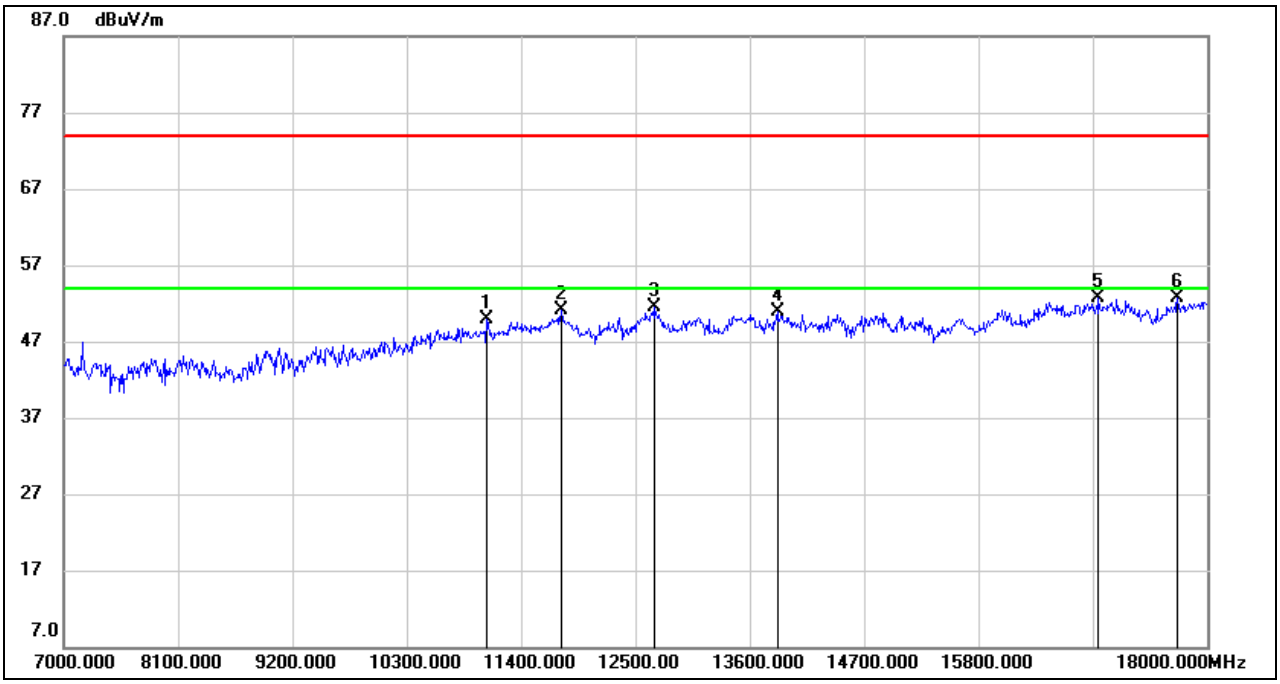
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1990.000	58.10	-10.24	47.86	74.00	-26.14	peak
2	2392.000	54.44	-8.63	45.81	74.00	-28.19	peak
3	2656.000	50.09	-7.83	42.26	74.00	-31.74	peak
4	3586.000	48.83	-4.55	44.28	74.00	-29.72	peak
5	4000.000	46.64	-3.74	42.90	74.00	-31.10	peak
6	4786.000	43.79	0.44	44.23	74.00	-29.77	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 complies with the lowest limit(54dBuV/m), so all the test point was 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	11070.000	37.15	12.78	49.93	74.00	-24.07	peak
2	11785.000	36.55	14.47	51.02	74.00	-22.98	peak
3	12687.000	36.35	15.24	51.59	74.00	-22.41	peak
4	13864.000	34.58	16.33	50.91	74.00	-23.09	peak
5	16955.000	32.31	20.38	52.69	74.00	-21.31	peak
6	17714.000	29.88	22.85	52.73	74.00	-21.27	peak

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

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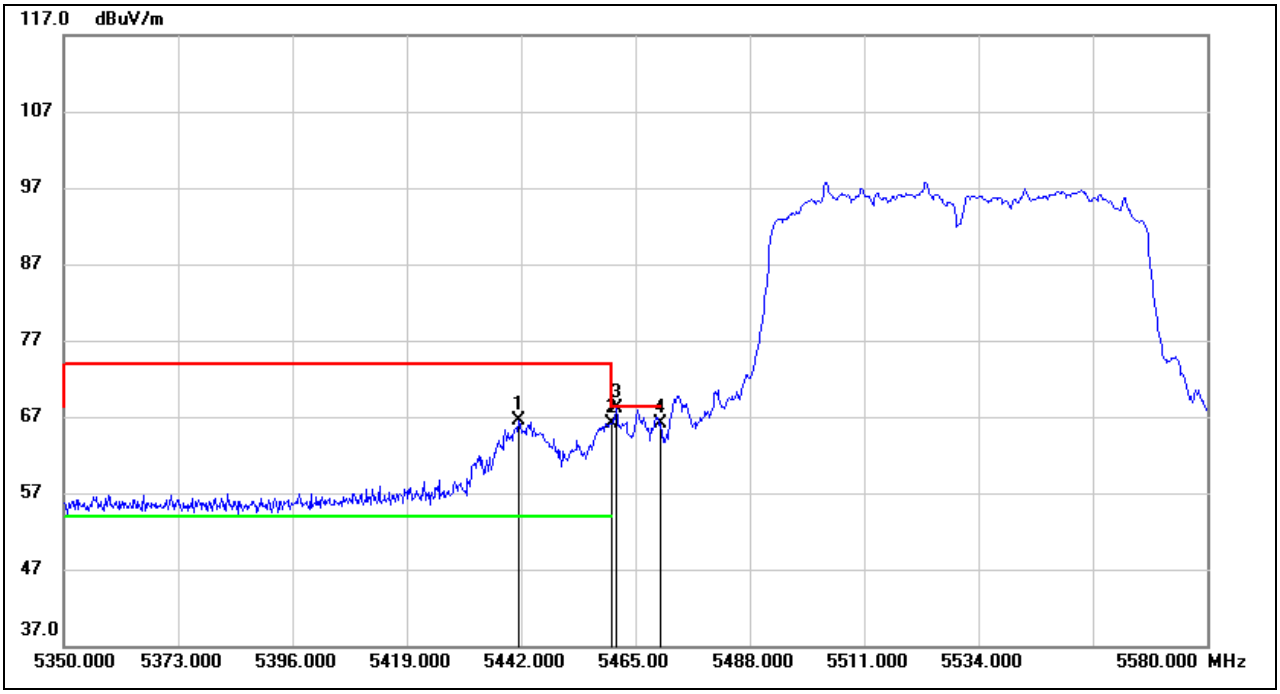
8.4.3. UNII-2C BAND

RESTRICTED BANDEDGE LOW CHANNEL

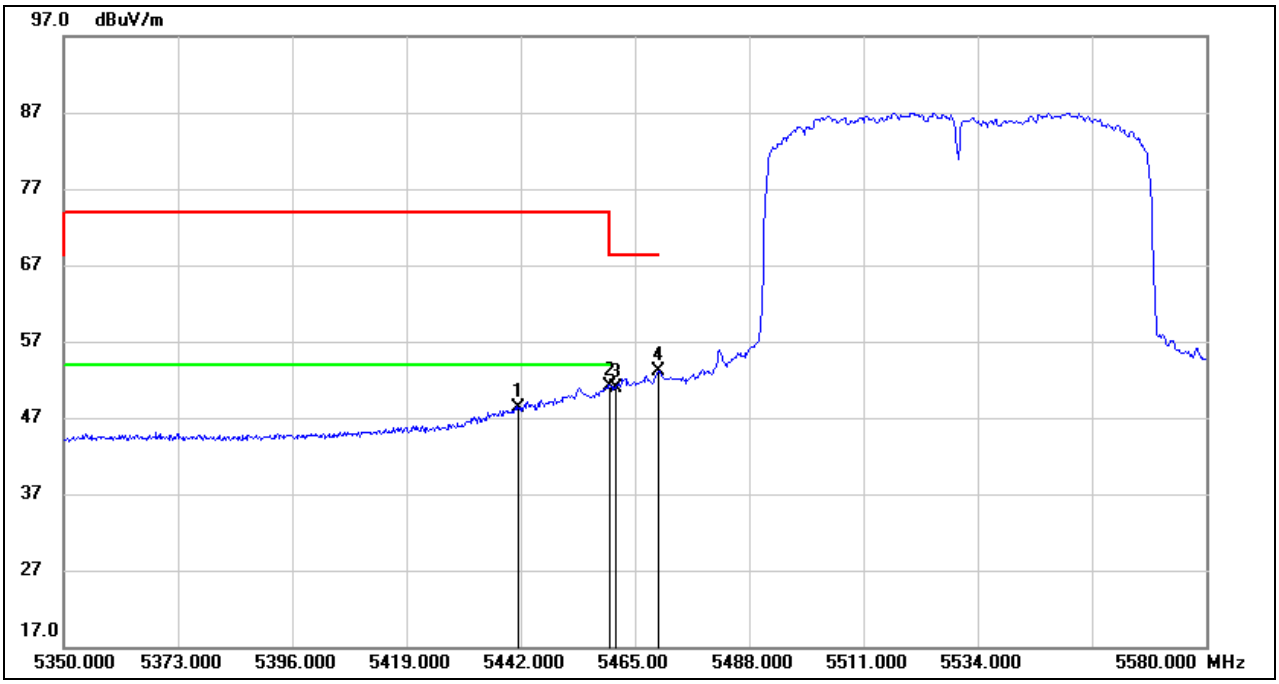
HORIZONTAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5441.540	25.41	41.05	66.46	74.00	-7.54	peak
2	5460.000	24.89	41.28	66.17	68.20	-2.03	peak
3	5461.090	26.72	41.29	68.01	68.20	-0.19	peak
4	5470.000	24.69	41.41	66.10	68.20	-2.10	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. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

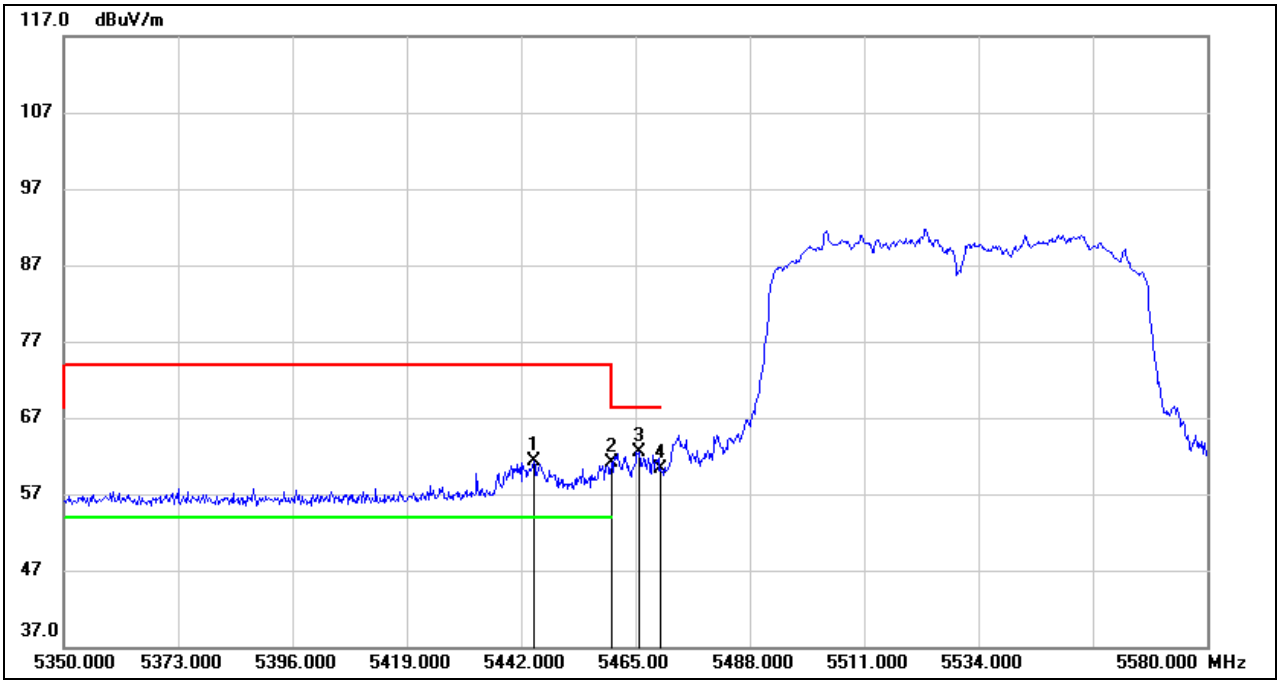
AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5441.540	7.28	41.05	48.33	54.00	-5.67	AVG
2	5460.000	9.89	41.28	51.17	54.00	-2.83	AVG
3	5461.090	9.58	41.29	50.87	68.20	-17.33	AVG
4	5470.000	11.61	41.41	53.02	68.20	-15.18	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.

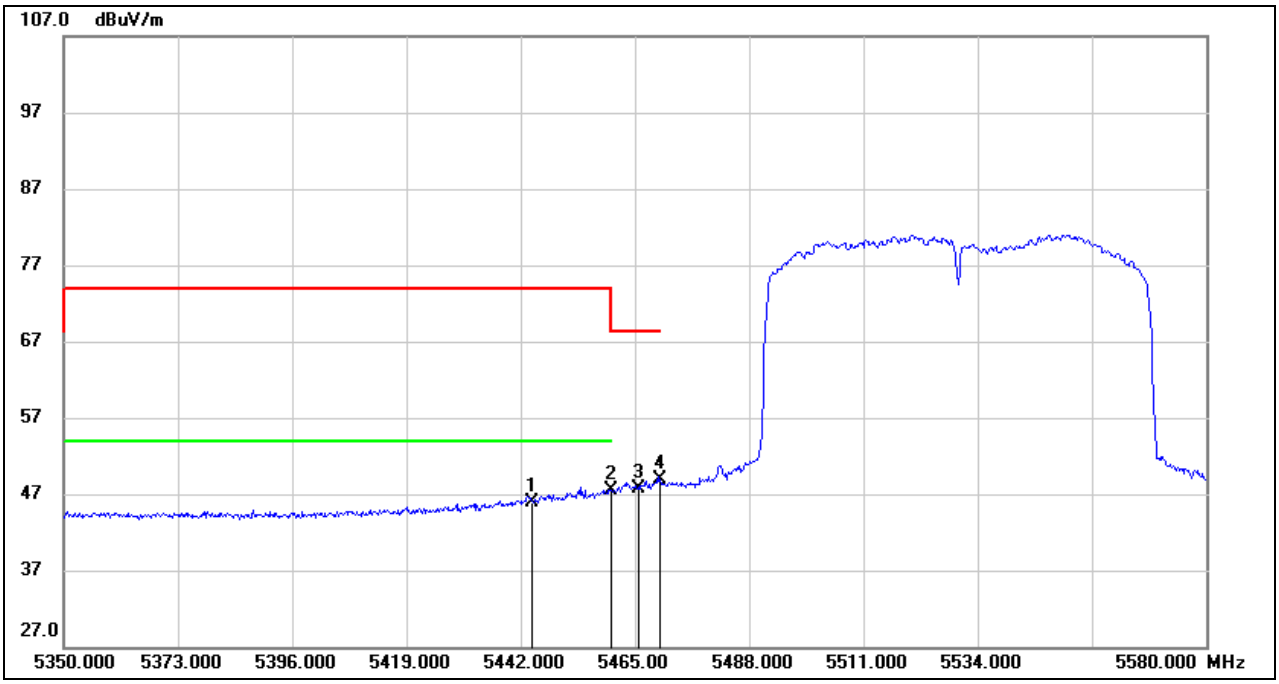
VERTICAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5444.530	20.27	41.08	61.35	74.00	-12.65	peak
2	5460.000	19.89	41.28	61.17	68.20	-7.03	peak
3	5465.690	21.14	41.36	62.50	68.20	-5.70	peak
4	5470.000	18.90	41.41	60.31	68.20	-7.89	peak

Note: 1. Measurement = Reading 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

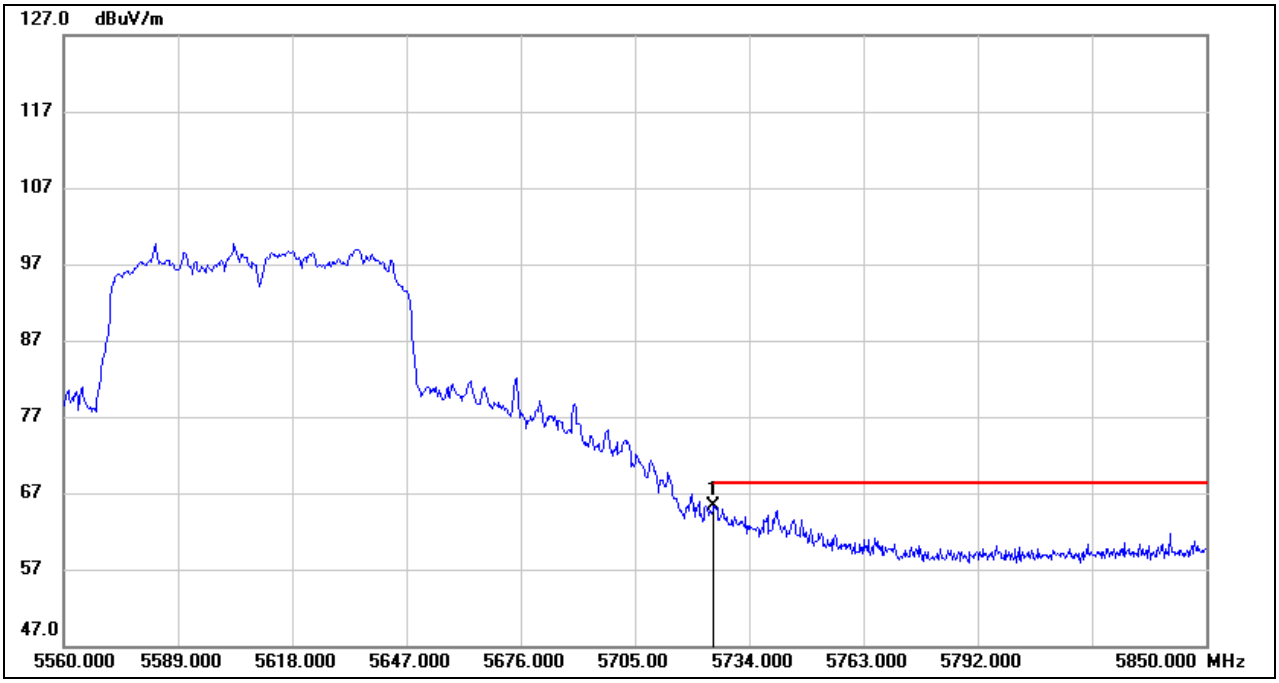


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5444.530	4.90	41.08	45.98	54.00	-8.02	AVG
2	5460.000	6.25	41.28	47.53	54.00	-6.47	AVG
3	5465.690	6.33	41.36	47.69	68.20	-20.51	AVG
4	5470.000	7.48	41.41	48.89	68.20	-19.31	AVG

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.

RESTRICTED BANDEDGE HIGH CHANNEL

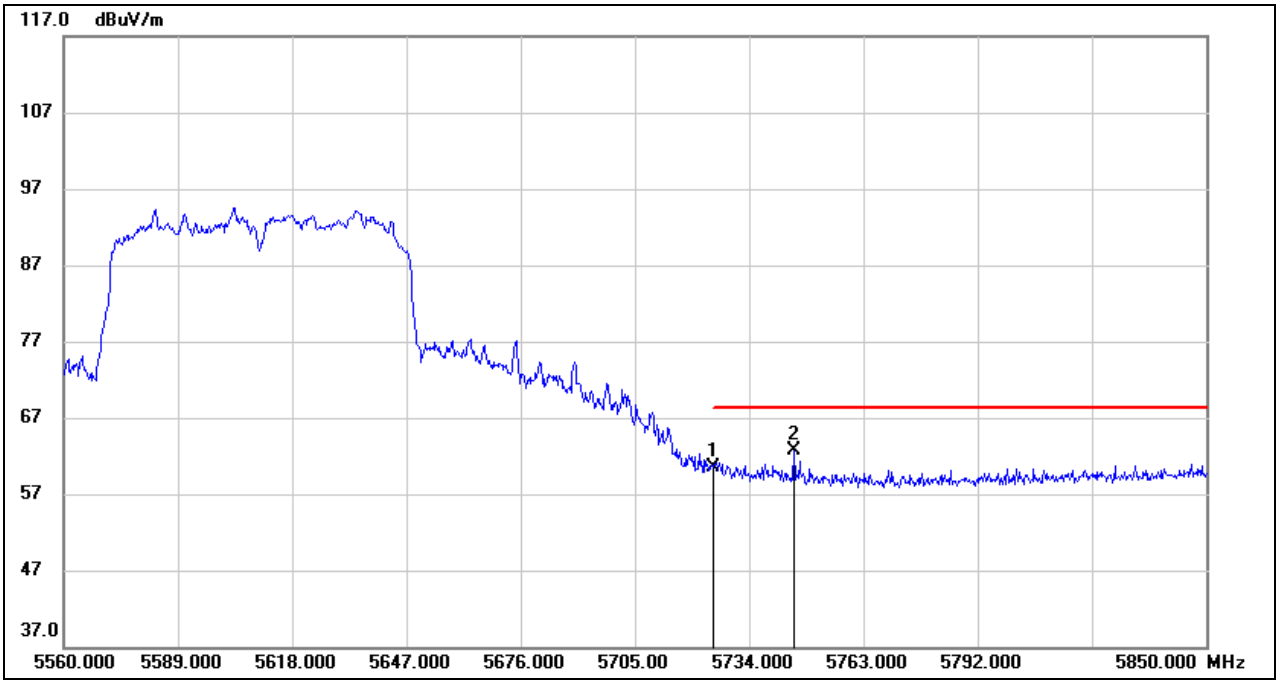
HORIZONTAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5725.000	23.68	41.61	65.29	68.20	-2.91	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. 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

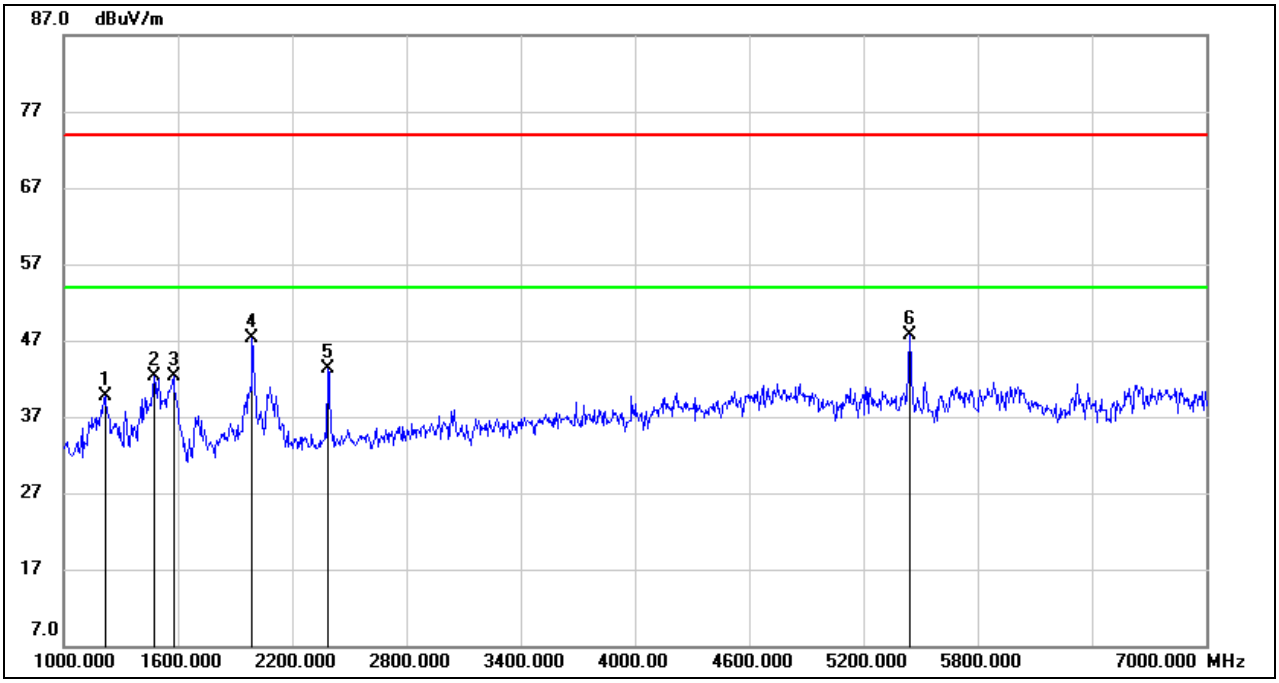


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5725.000	18.93	41.61	60.54	68.20	-7.66	peak
2	5745.310	20.93	41.69	62.62	68.20	-5.58	peak

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. 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

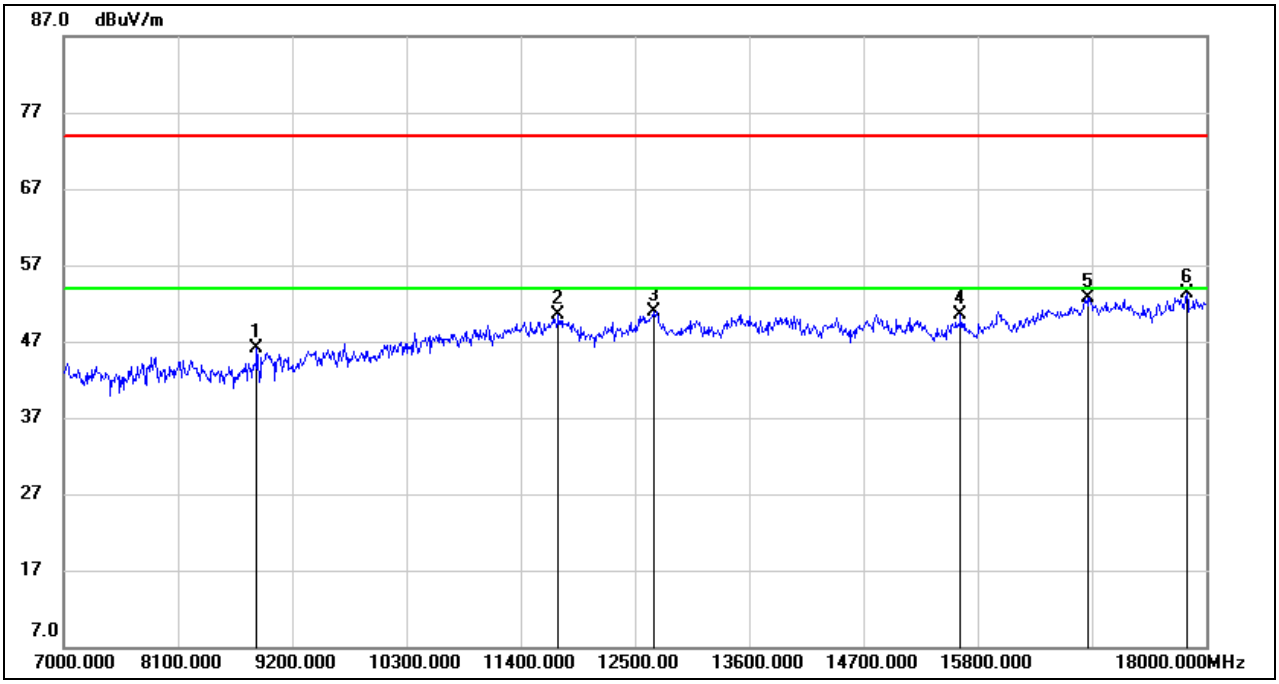
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1216.000	52.66	-13.04	39.62	74.00	-34.38	peak
2	1474.000	54.66	-12.43	42.23	74.00	-31.77	peak
3	1576.000	54.16	-11.78	42.38	74.00	-31.62	peak
4	1990.000	57.45	-10.24	47.21	74.00	-26.79	peak
5	2386.000	52.05	-8.67	43.38	74.00	-30.62	peak
6	5440.000	46.14	1.66	47.80	74.00	-26.20	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 was deemed to comply with the limits list in the standard.

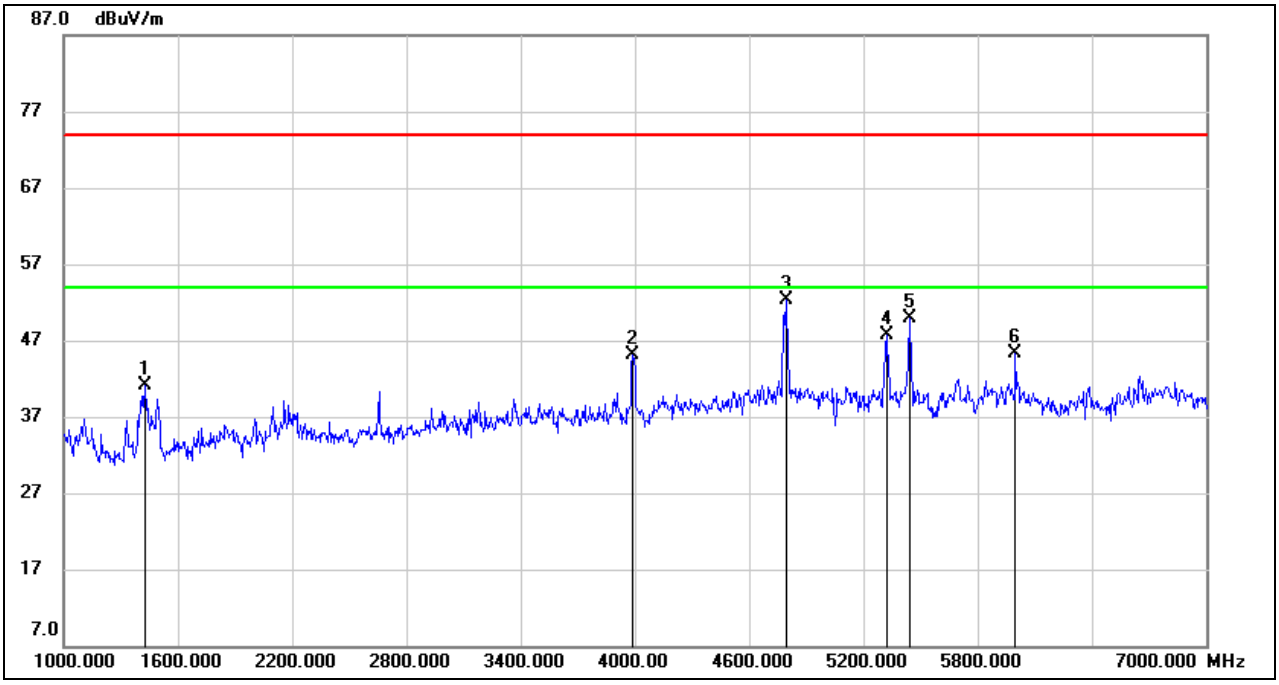
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8859.000	37.39	8.72	46.11	74.00	-27.89	peak
2	11763.000	36.13	14.37	50.50	74.00	-23.50	peak
3	12676.000	35.70	15.23	50.93	74.00	-23.07	peak
4	15635.000	33.78	16.77	50.55	74.00	-23.45	peak
5	16856.000	32.46	20.21	52.67	74.00	-21.33	peak
6	17813.000	29.86	23.50	53.36	74.00	-20.64	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 complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

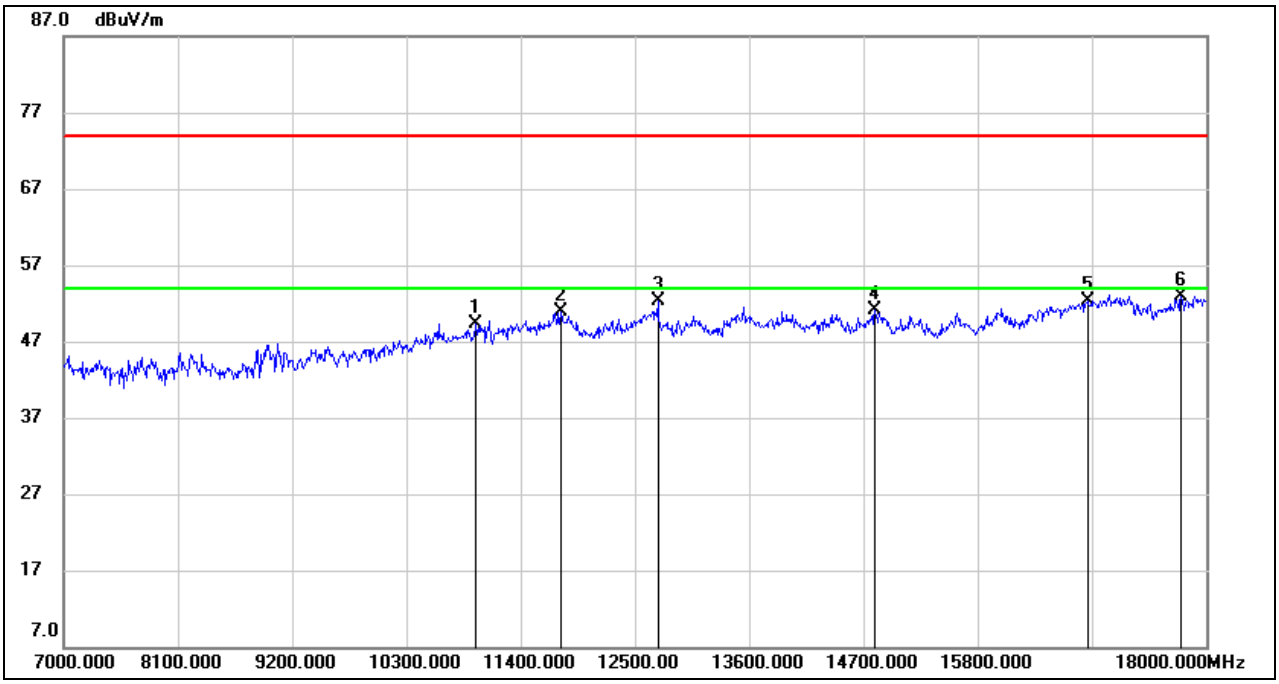
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1426.000	53.72	-12.65	41.07	74.00	-32.93	peak
2	3988.000	48.76	-3.72	45.04	74.00	-28.96	peak
3	4792.000	51.82	0.47	52.29	74.00	-21.71	peak
4	5320.000	46.06	1.70	47.76	74.00	-26.24	peak
5	5440.000	48.21	1.66	49.87	74.00	-24.13	peak
6	5998.000	42.64	2.61	45.25	74.00	-28.75	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 was deemed to comply with the limits list in the standard.

7-18GHz

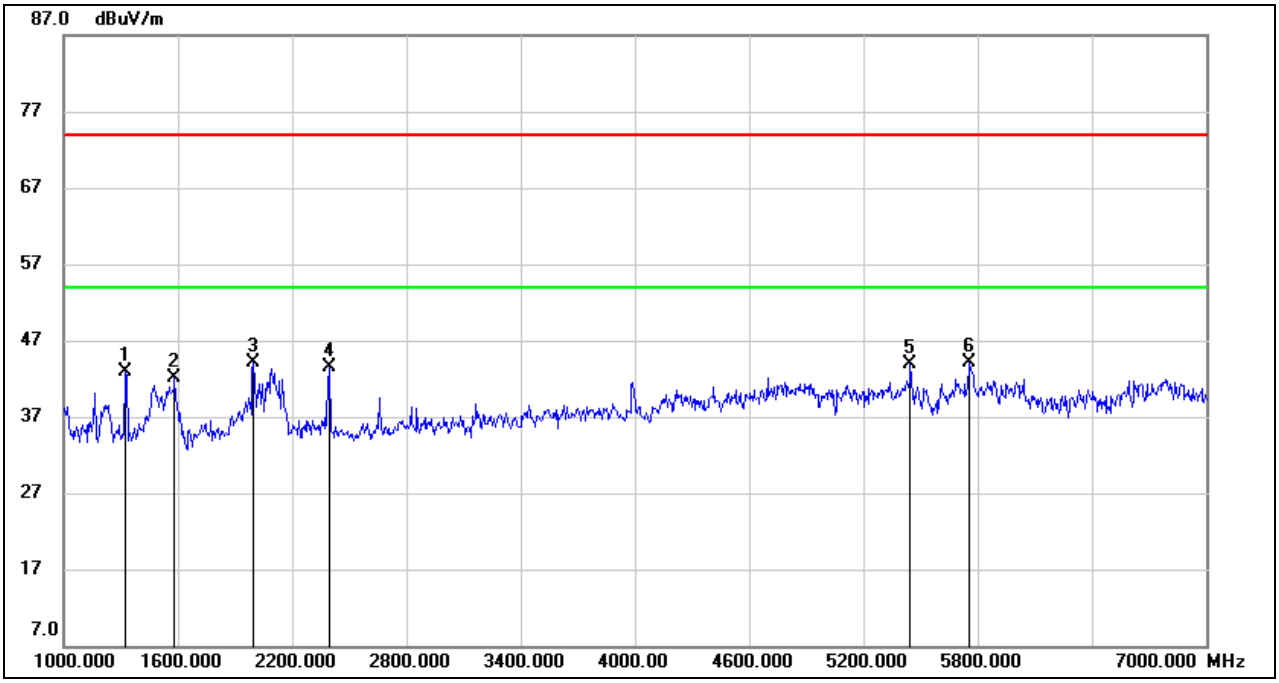


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10971.000	36.68	12.56	49.24	74.00	-24.76	peak
2	11785.000	36.34	14.47	50.81	74.00	-23.19	peak
3	12720.000	37.03	15.27	52.30	74.00	-21.70	peak
4	14810.000	35.13	16.03	51.16	74.00	-22.84	peak
5	16856.000	32.13	20.21	52.34	74.00	-21.66	peak
6	17758.000	29.74	23.19	52.93	74.00	-21.07	peak

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

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

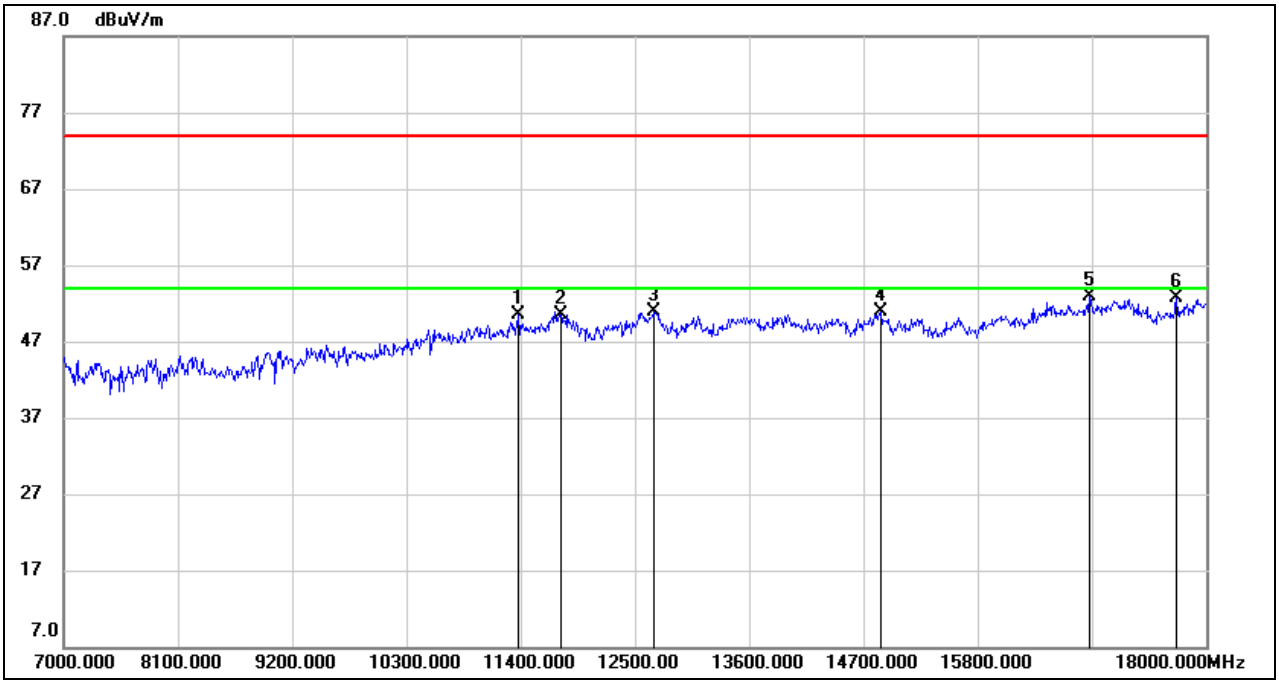
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1324.000	55.87	-12.89	42.98	74.00	-31.02	peak
2	1582.000	53.77	-11.74	42.03	74.00	-31.97	peak
3	1996.000	54.42	-10.24	44.18	74.00	-29.82	peak
4	2398.000	52.05	-8.62	43.43	74.00	-30.57	peak
5	5446.000	42.26	1.67	43.93	74.00	-30.07	peak
6	5758.000	42.06	1.96	44.02	74.00	-29.98	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 complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

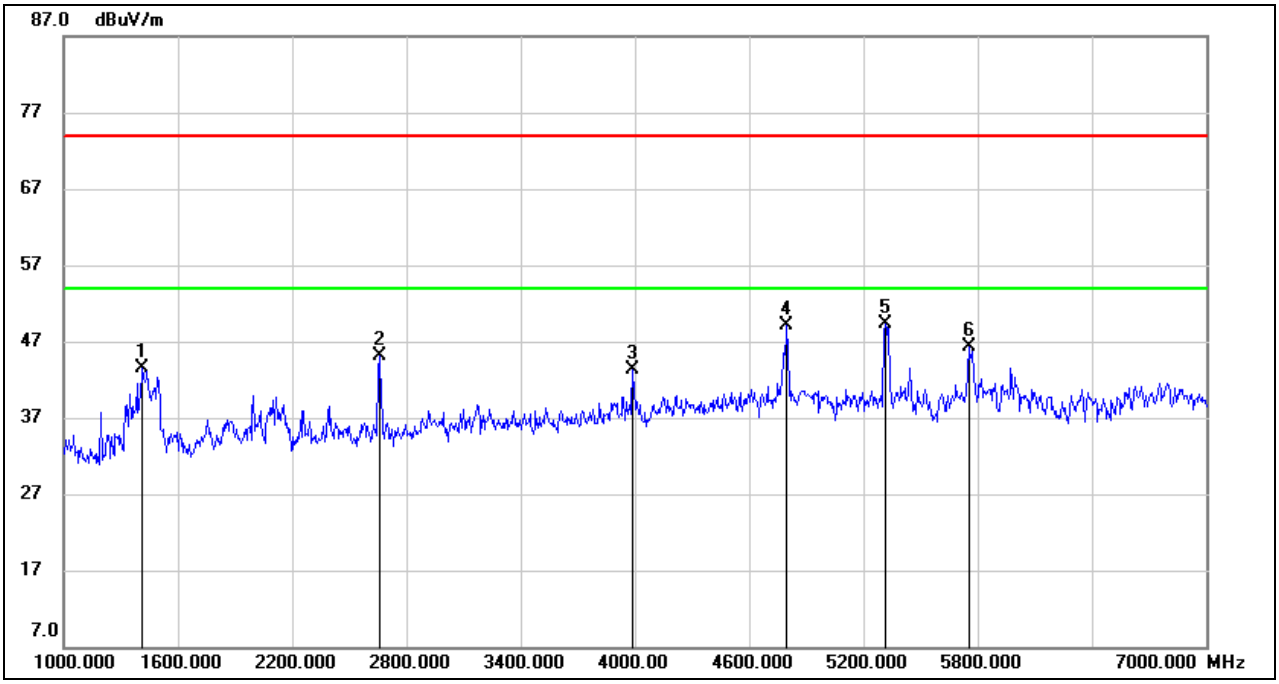
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11378.000	37.11	13.41	50.52	74.00	-23.48	peak
2	11785.000	36.07	14.47	50.54	74.00	-23.46	peak
3	12676.000	35.68	15.23	50.91	74.00	-23.09	peak
4	14865.000	34.80	16.03	50.83	74.00	-23.17	peak
5	16878.000	32.56	20.26	52.82	74.00	-21.18	peak
6	17714.000	29.77	22.85	52.62	74.00	-21.38	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.
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 was deemed to comply with the limits list in the standard.

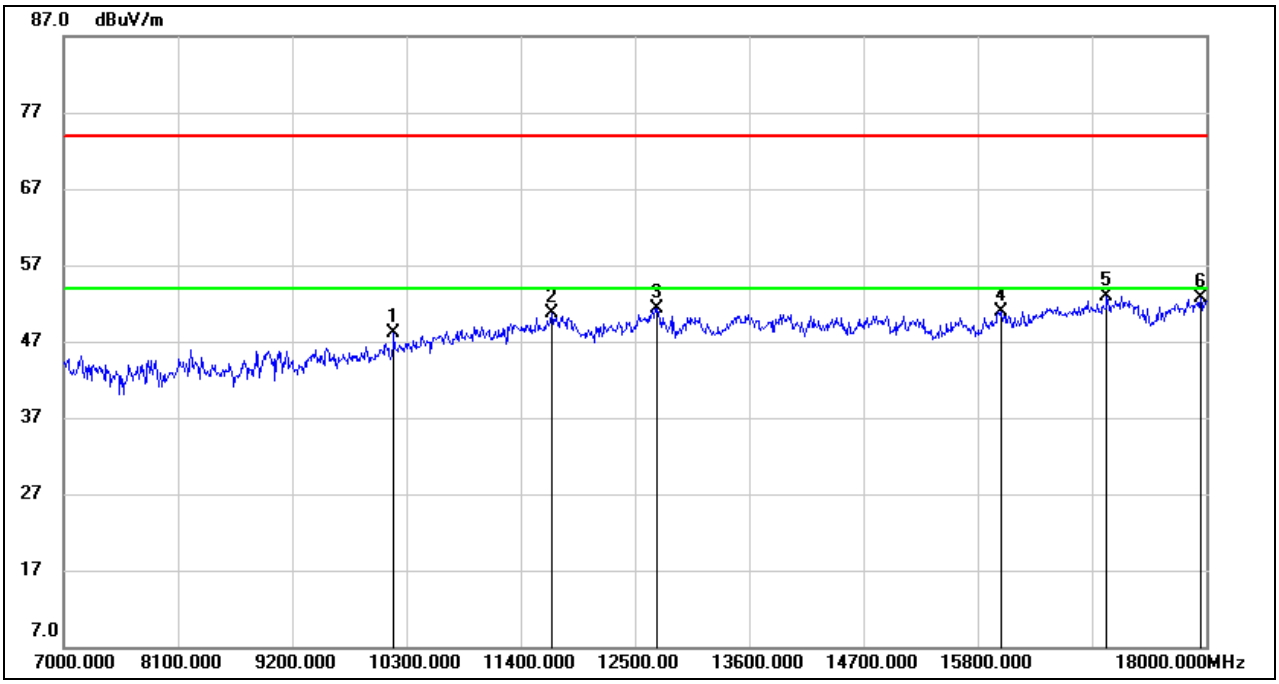
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1414.000	56.14	-12.70	43.44	74.00	-30.56	peak
2	2656.000	53.00	-7.83	45.17	74.00	-28.83	peak
3	3988.000	47.06	-3.72	43.34	74.00	-30.66	peak
4	4798.000	48.64	0.52	49.16	74.00	-24.84	peak
5	5314.000	47.55	1.73	49.28	74.00	-24.72	peak
6	5752.000	44.32	1.96	46.28	74.00	-27.72	peak

Note: 1. Measurement = Reading 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 was deemed to comply with the limits list in the standard.

7-18GHz



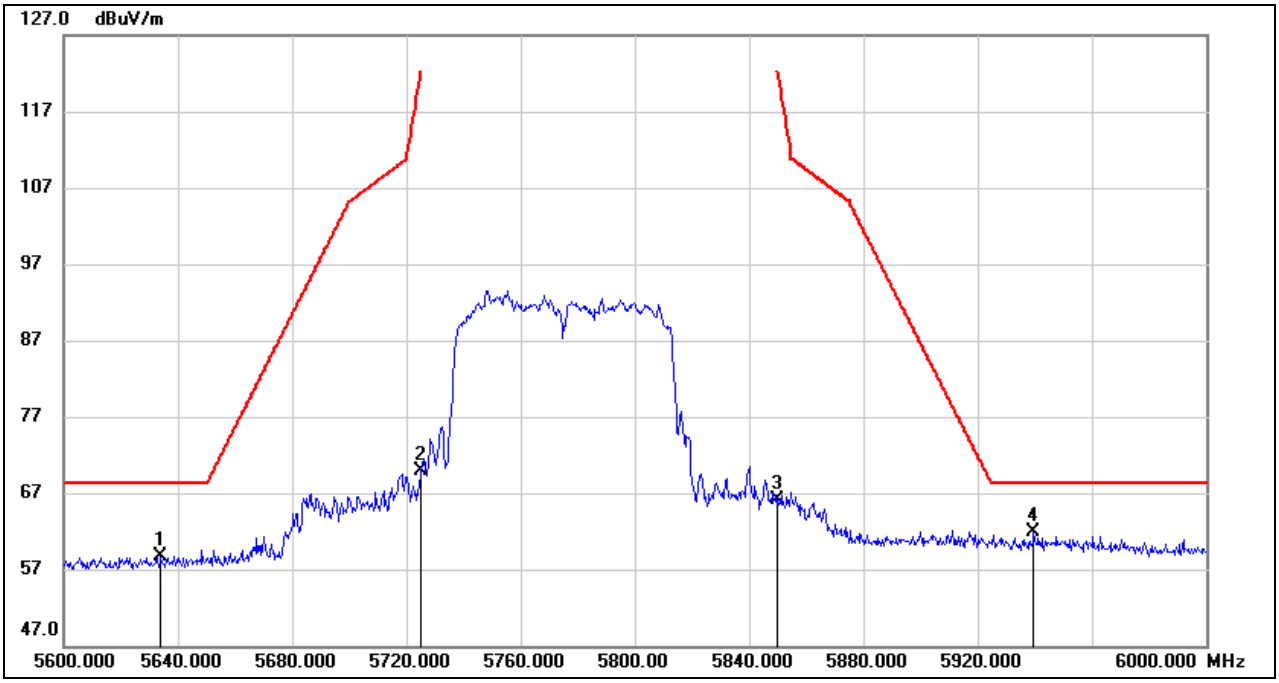
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10179.000	37.74	10.33	48.07	74.00	-25.93	peak
2	11697.000	36.66	14.11	50.77	74.00	-23.23	peak
3	12709.000	36.01	15.26	51.27	74.00	-22.73	peak
4	16031.000	33.18	17.79	50.97	74.00	-23.03	peak
5	17043.000	32.26	20.73	52.99	74.00	-21.01	peak
6	17945.000	29.01	23.63	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 complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

8.4.4. UNII-3 BAND

RESTRICTED BANDEDGE MID CHANNEL

HORIZONTAL RESULTS



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5634.000	17.25	41.47	58.72	68.20	-9.48	peak
2	5725.000	28.31	41.61	69.92	122.20	-52.28	peak
3	5850.000	23.21	42.89	66.10	122.20	-56.10	peak
4	5939.600	18.73	43.18	61.91	68.20	-6.29	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.

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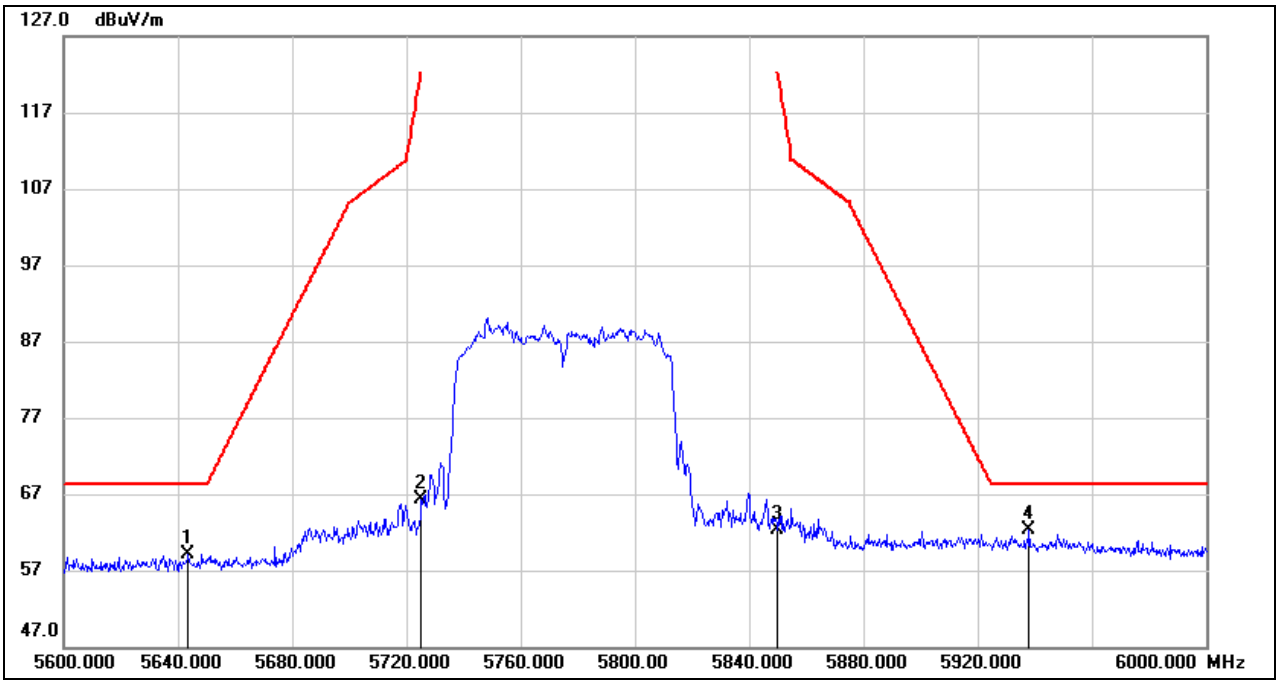
VERTICAL RESULTS

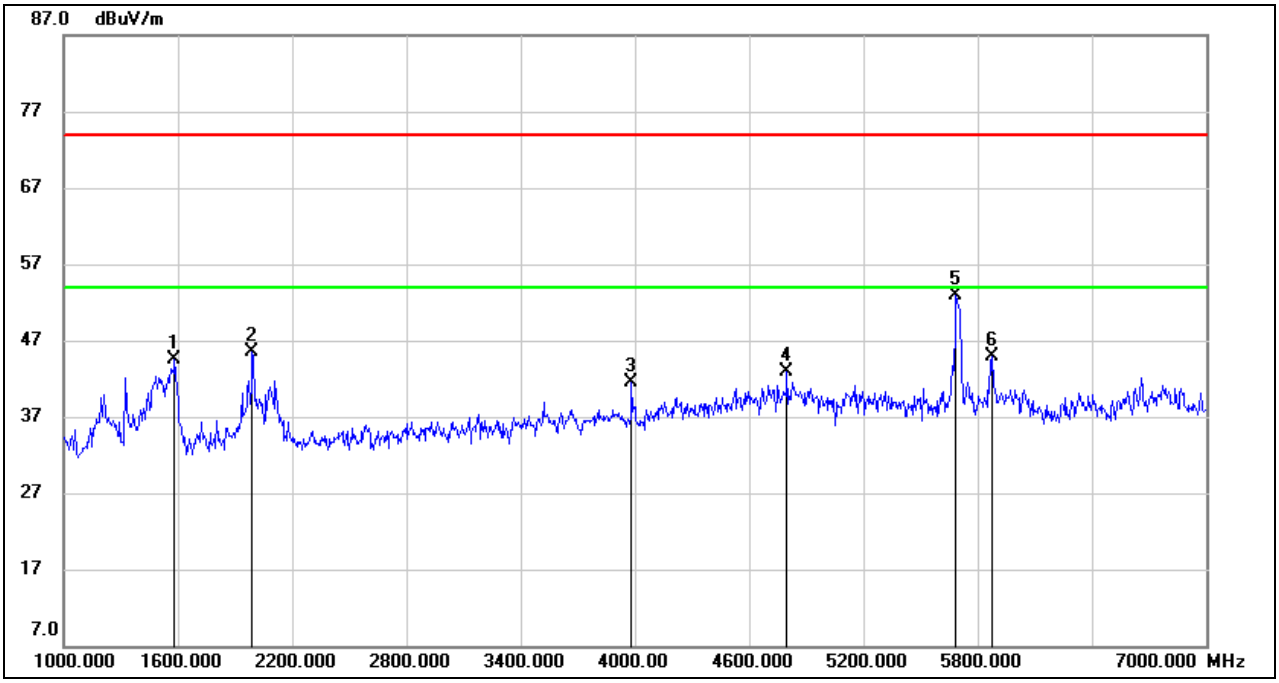


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5643.600	17.71	41.48	59.19	68.20	-9.01	peak
2	5725.000	24.73	41.61	66.34	122.20	-55.86	peak
3	5850.000	19.35	42.89	62.24	122.20	-59.96	peak
4	5938.000	19.12	43.20	62.32	68.20	-5.88	peak

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	1582.000	56.19	-11.74	44.45	74.00	-29.55	peak
2	1990.000	55.75	-10.24	45.51	74.00	-28.49	peak
3	3982.000	45.23	-3.71	41.52	74.00	-32.48	peak
4	4798.000	42.42	0.52	42.94	74.00	-31.06	peak
5	5686.000	50.98	1.98	52.96	74.00	-21.04	peak
6	5878.000	42.69	2.20	44.89	74.00	-29.11	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 was deemed to comply with the limits list in the standard.

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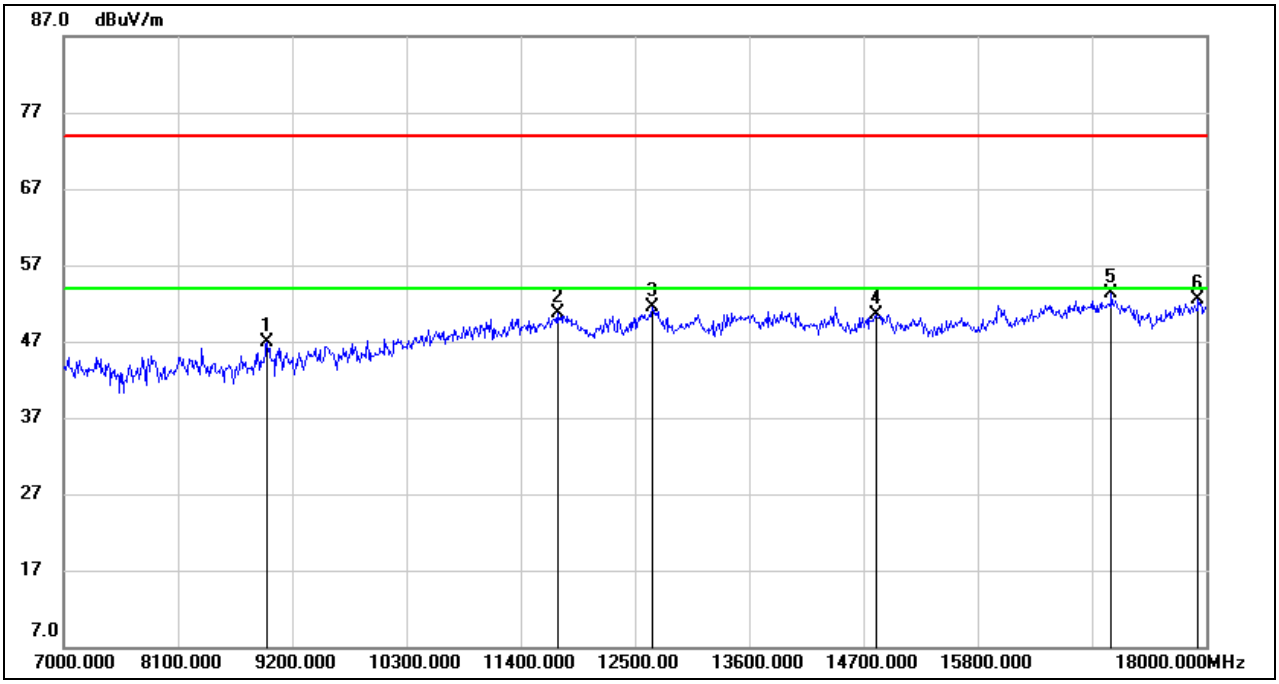
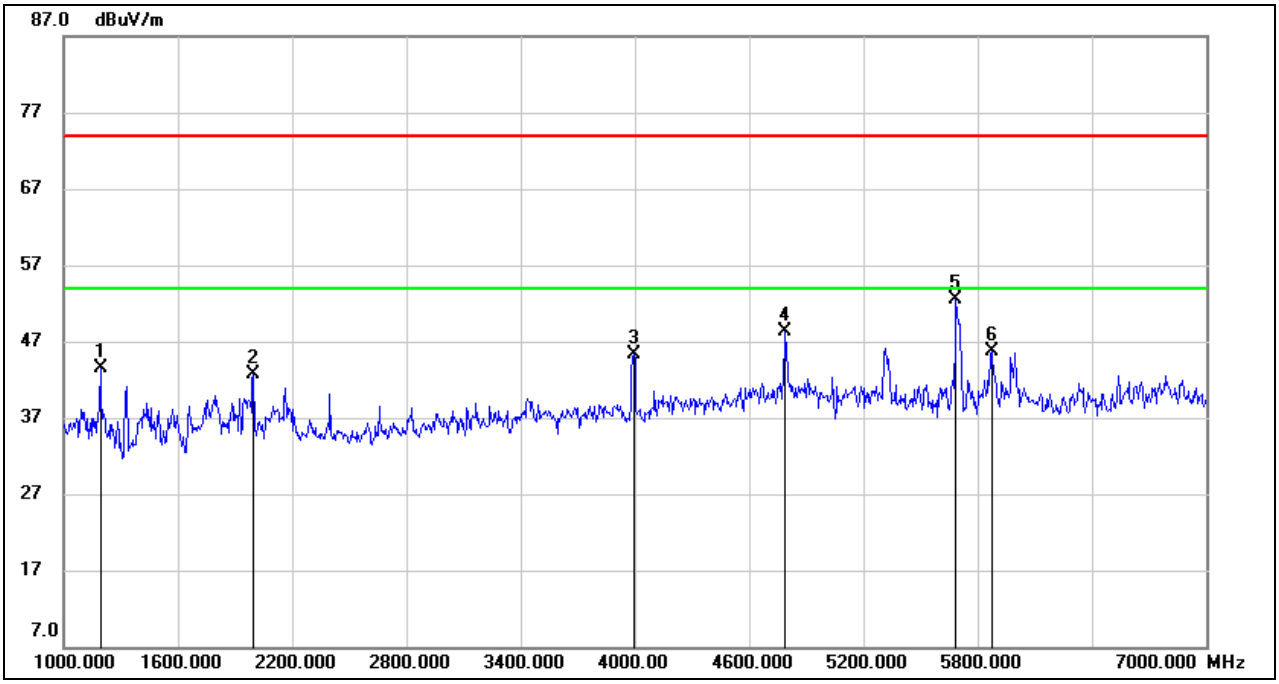
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8958.000	37.19	9.76	46.95	74.00	-27.05	peak
2	11752.000	36.41	14.33	50.74	74.00	-23.26	peak
3	12665.000	36.28	15.22	51.50	74.00	-22.50	peak
4	14821.000	34.43	16.03	50.46	74.00	-23.54	peak
5	17087.000	32.24	21.00	53.24	74.00	-20.76	peak
6	17923.000	28.96	23.61	52.57	74.00	-21.43	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 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 was deemed to comply with the limits list in the standard.

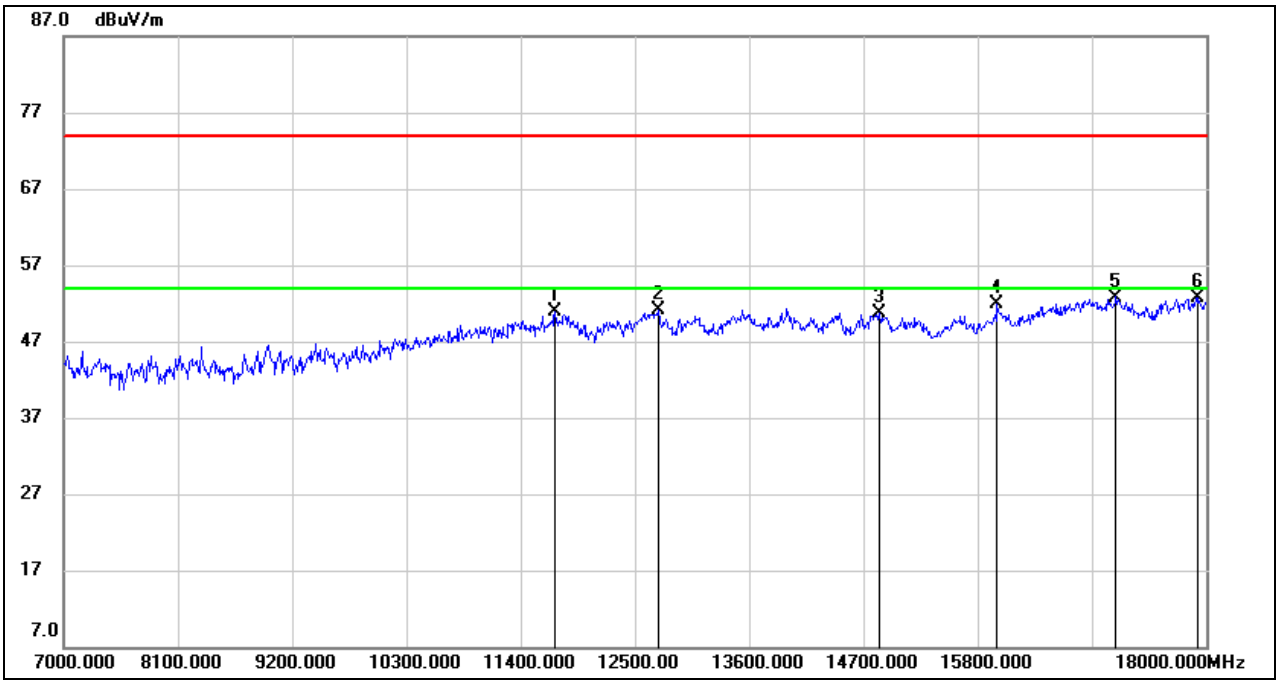
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1192.000	56.58	-13.10	43.48	74.00	-30.52	peak
2	1996.000	52.90	-10.24	42.66	74.00	-31.34	peak
3	3994.000	49.09	-3.73	45.36	74.00	-28.64	peak
4	4786.000	47.79	0.44	48.23	74.00	-25.77	peak
5	5686.000	50.60	1.98	52.58	74.00	-21.42	peak
6	5872.000	43.51	2.19	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 was 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	11730.000	36.66	14.25	50.91	74.00	-23.09	peak
2	12731.000	35.80	15.26	51.06	74.00	-22.94	peak
3	14854.000	34.70	16.04	50.74	74.00	-23.26	peak
4	15987.000	34.26	17.68	51.94	74.00	-22.06	peak
5	17131.000	31.53	21.27	52.80	74.00	-21.20	peak
6	17923.000	29.09	23.61	52.70	74.00	-21.30	peak

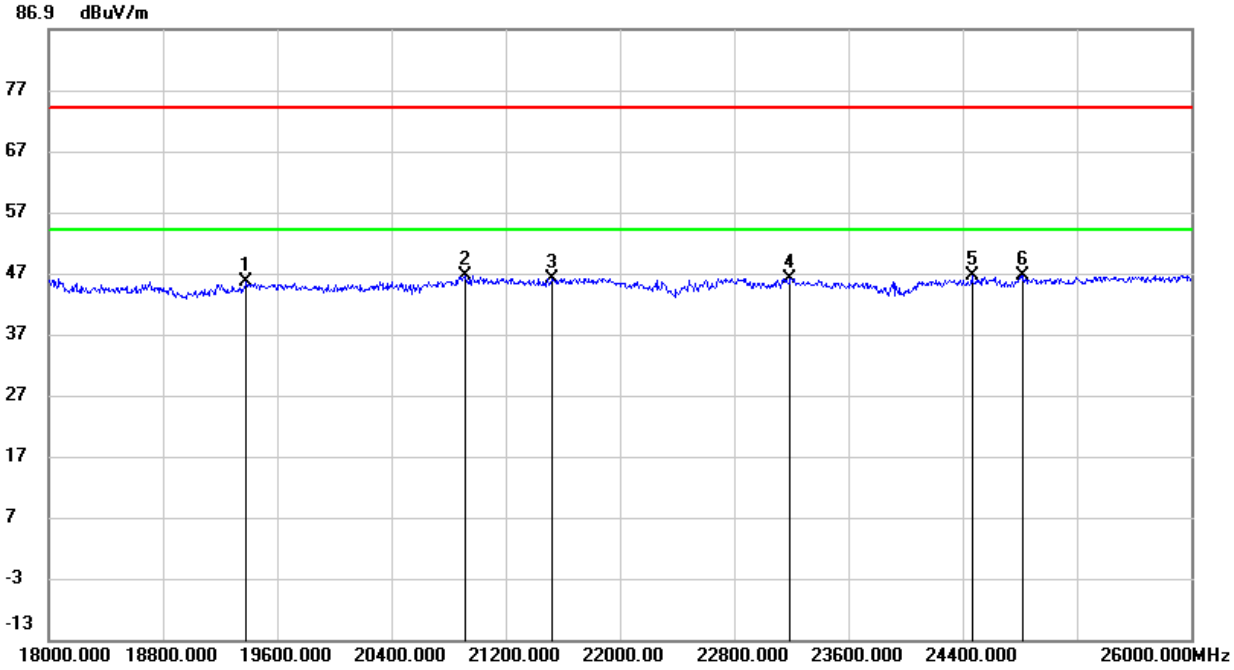
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
5. Proper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

8.5. SPURIOUS EMISSIONS 18~26GHz

8.5.1. 802.11a 20 MOD

WORST CASE FOR ANT2

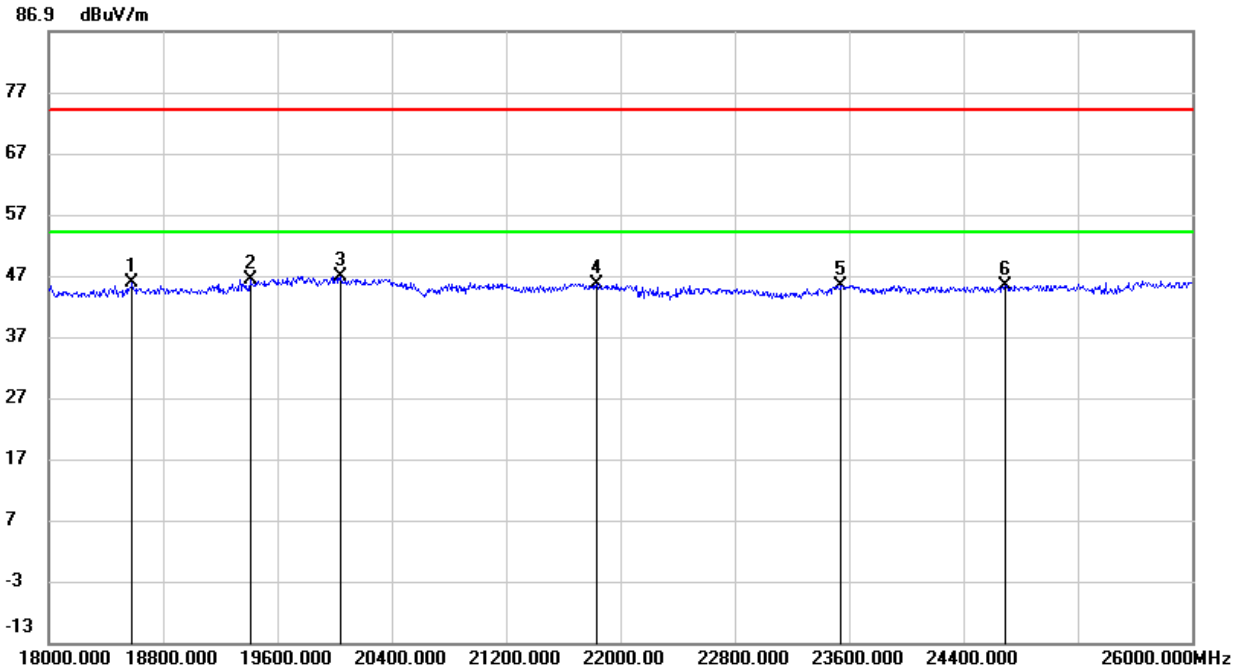
SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	19384.000	50.52	-4.91	45.61	74.00	-28.39	peak
2	20920.000	51.82	-5.23	46.59	74.00	-27.41	peak
3	21528.000	51.92	-5.78	46.14	74.00	-27.86	peak
4	23192.000	51.48	-5.34	46.14	74.00	-27.86	peak
5	24464.000	49.28	-2.74	46.54	74.00	-27.46	peak
6	24824.000	48.27	-1.69	46.58	74.00	-27.42	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. The preamplifier only effect to the above 18GHz signal and no filter added 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	18584.000	50.19	-4.53	45.66	74.00	-28.34	peak
2	19408.000	51.23	-4.89	46.34	74.00	-27.66	peak
3	20040.000	51.27	-4.46	46.81	74.00	-27.19	peak
4	21832.000	51.53	-5.92	45.61	74.00	-28.39	peak
5	23544.000	50.13	-4.73	45.40	74.00	-28.60	peak
6	24696.000	47.47	-2.08	45.39	74.00	-28.61	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.
4. The preamplifier only effect to the above 18GHz signal and no filter added to the measurement chain.

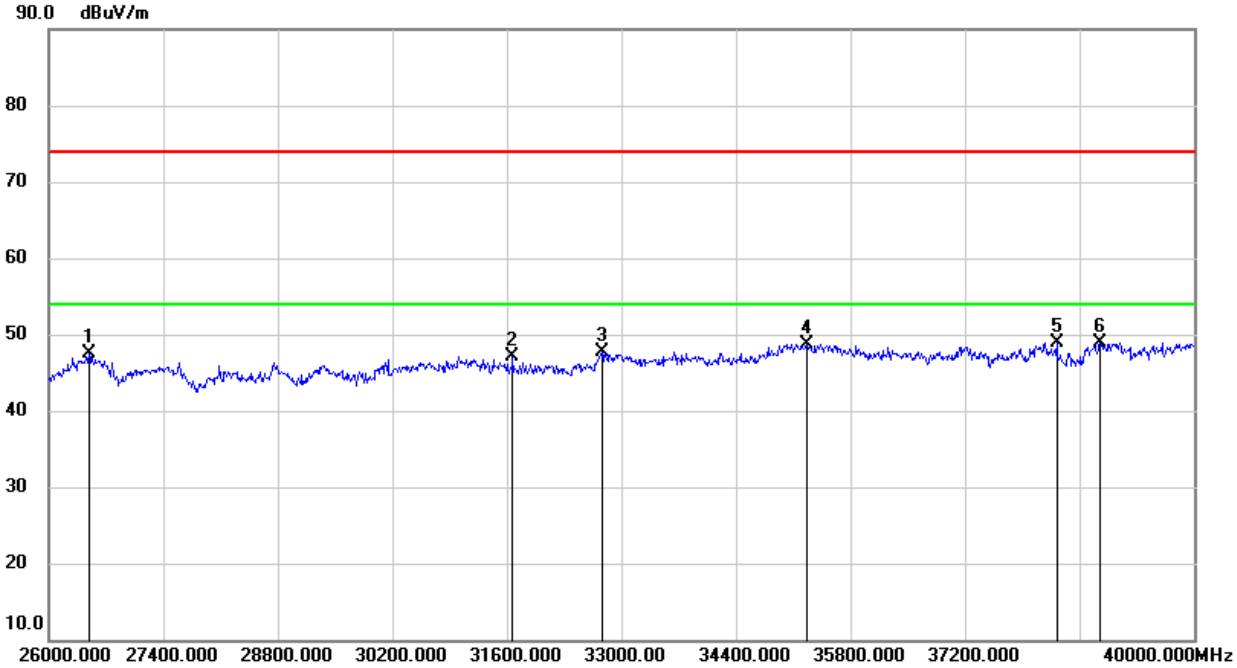
Note: All the test modes and antennas have been tested, only the worst data record in the report.

8.6. SPURIOUS EMISSIONS 26~40GHz

8.6.1. 802.11a 20 MODE

WORST CASE FOR ANT2

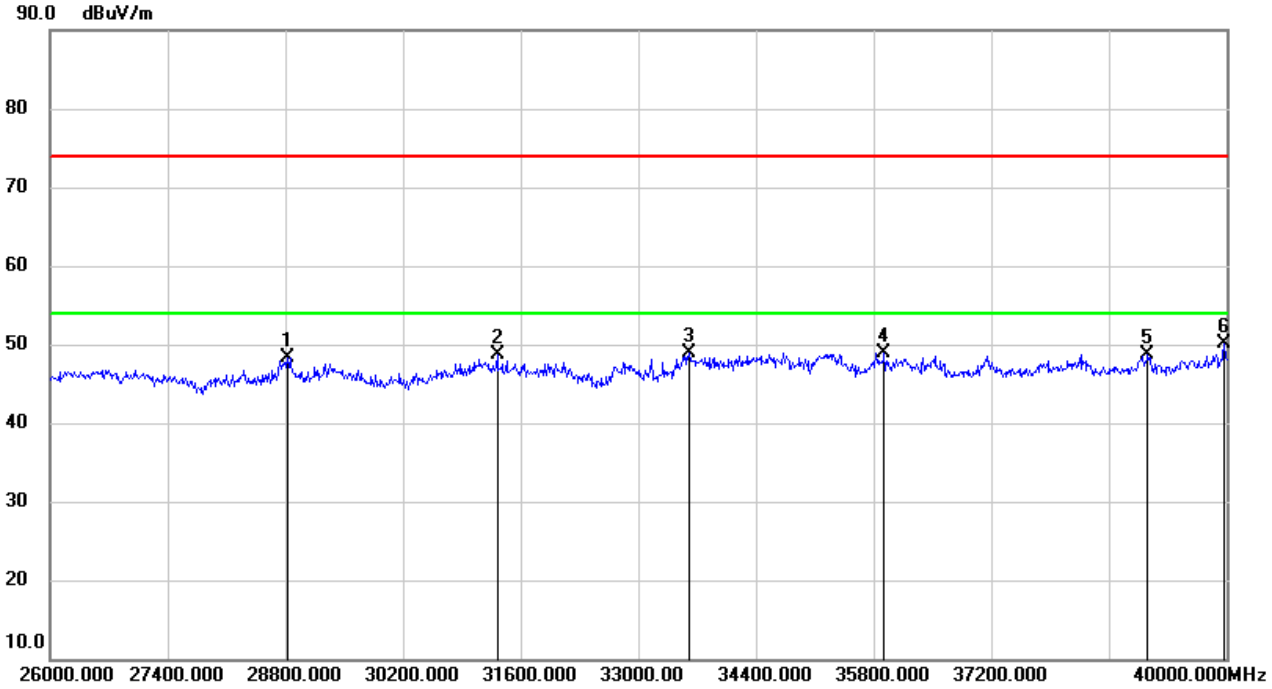
SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26490.000	52.29	-4.74	47.55	74.00	-26.45	peak
2	31670.000	48.36	-1.21	47.15	74.00	-26.85	peak
3	32762.000	48.95	-1.21	47.74	74.00	-26.26	peak
4	35268.000	46.05	2.64	48.69	74.00	-25.31	peak
5	38320.000	45.06	3.77	48.83	74.00	-25.17	peak
6	38852.000	44.65	4.22	48.87	74.00	-25.13	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. Proper operation of the transmitter prior to adding the filter to the measurement chain.

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



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	28828.000	49.13	-0.79	48.34	74.00	-25.66	peak
2	31320.000	49.61	-0.93	48.68	74.00	-25.32	peak
3	33602.000	48.51	0.46	48.97	74.00	-25.03	peak
4	35926.000	44.94	3.88	48.82	74.00	-25.18	peak
5	39062.000	44.48	4.30	48.78	74.00	-25.22	peak
6	39972.000	44.95	5.13	50.08	74.00	-23.92	peak

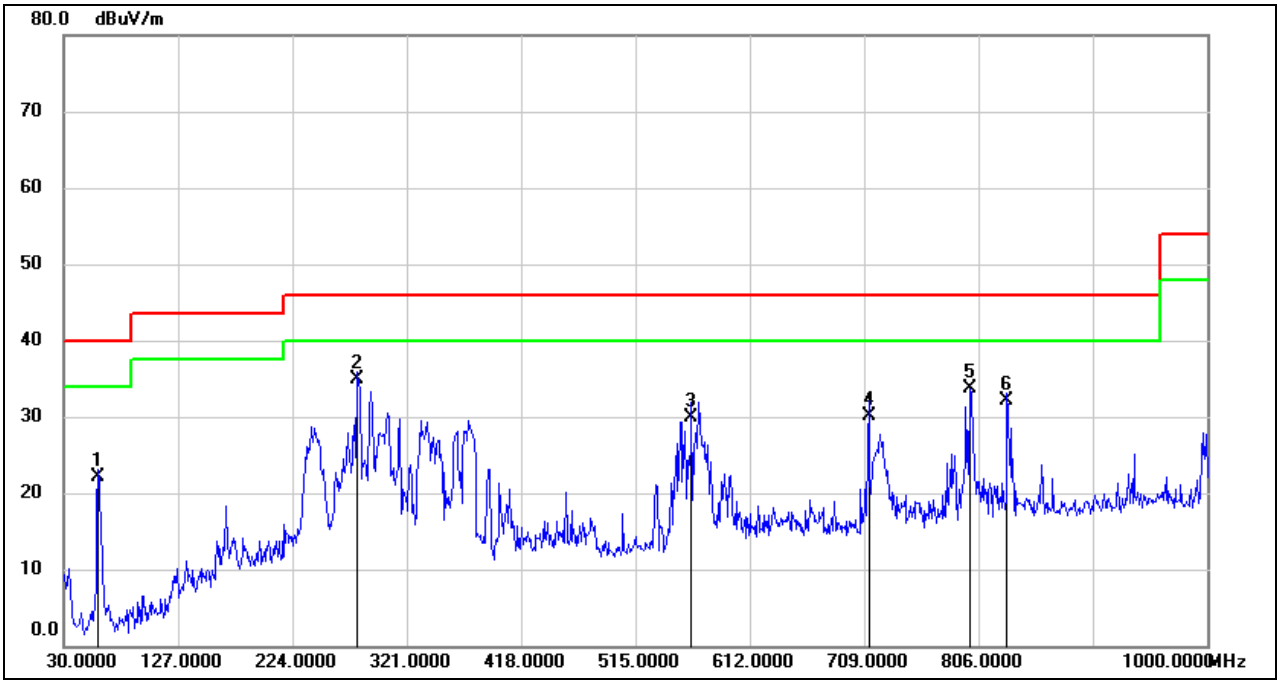
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Proper operation of the transmitter prior to adding the filter to the measurement chain.

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

8.7. SPURIOUS EMISSIONS 30M ~ 1 GHz

8.7.1. 802.11a 20 MODE

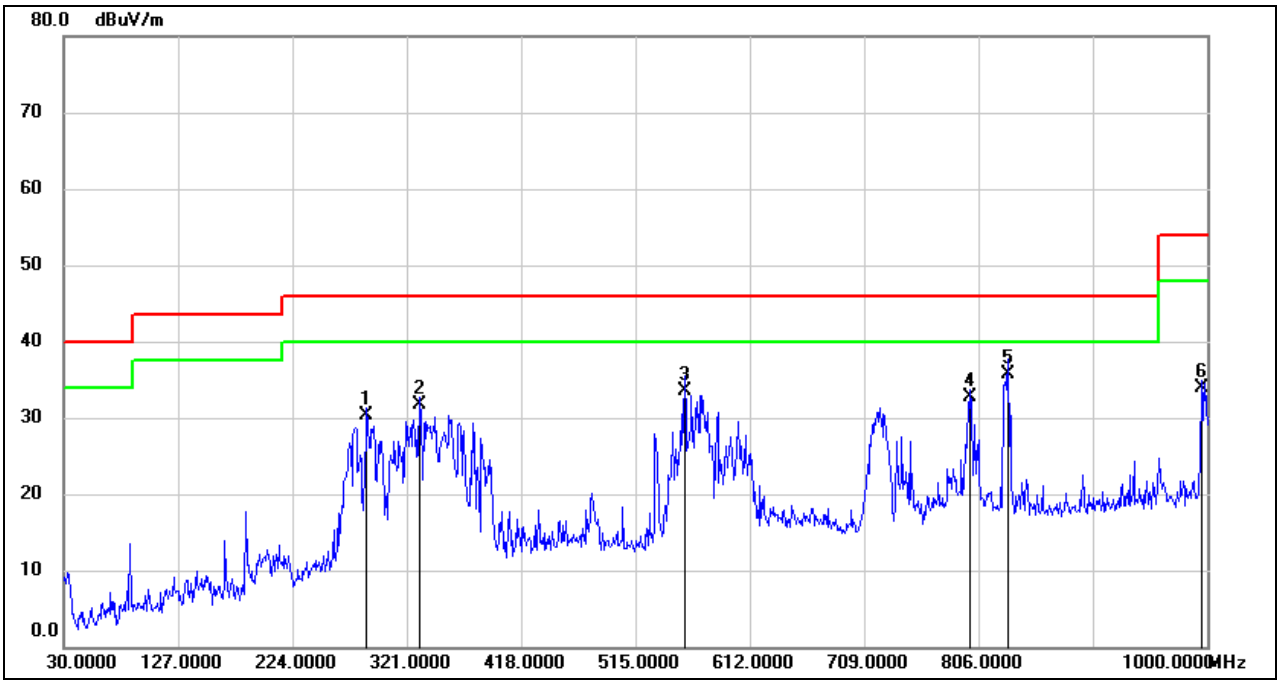
SPURIOUS EMISSIONS (LOW CHANNEL HORIZONTAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	59.1000	42.74	-20.63	22.11	40.00	-17.89	QP
2	279.2900	52.12	-17.21	34.91	46.00	-11.09	QP
3	562.5300	40.53	-10.58	29.95	46.00	-16.05	QP
4	712.8800	38.76	-8.66	30.10	46.00	-15.90	QP
5	799.2100	41.42	-7.73	33.69	46.00	-12.31	QP
6	830.2500	39.28	-7.17	32.11	46.00	-13.89	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	287.0500	46.86	-16.58	30.28	46.00	-15.72	QP
2	331.6700	46.64	-14.89	31.75	46.00	-14.25	QP
3	556.7100	44.26	-10.69	33.57	46.00	-12.43	QP
4	799.2100	40.52	-7.73	32.79	46.00	-13.21	QP
5	831.2199	42.87	-7.15	35.72	46.00	-10.28	QP
6	995.1500	38.68	-4.77	33.91	54.00	-20.09	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

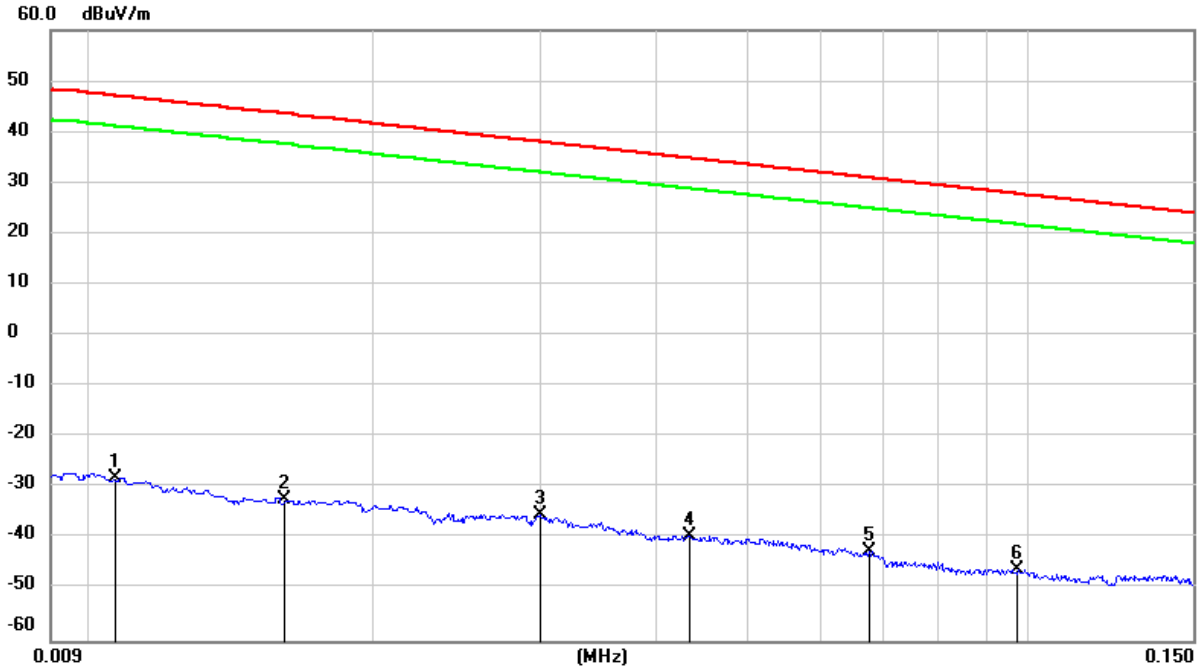
Note: All the test modes and antennas have been tested, only the worst data record in the report.

8.8. SPURIOUS EMISSIONS BELOW 30M

8.8.1. 802.11a 20 MODE

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

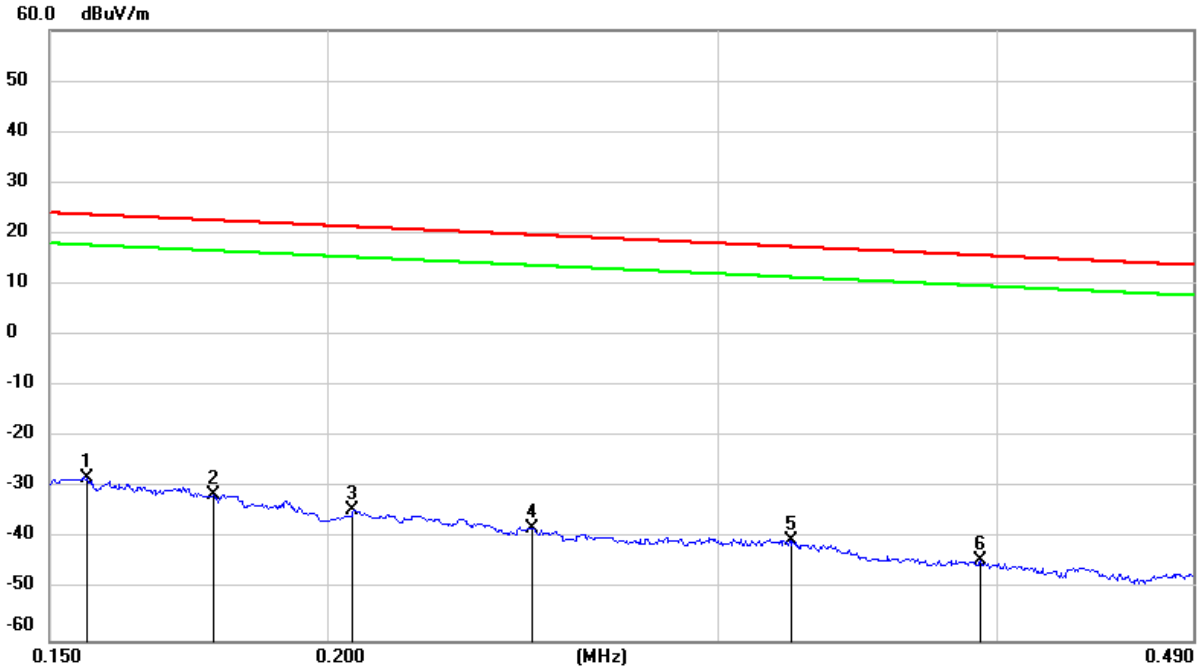
9kHz~ 150kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	Margin (dB)	Remark
1	0.0106	73.38	-101.39	-28.01	47.09	-75.10	peak
2	0.0160	68.97	-101.37	-32.40	43.52	-75.92	peak
3	0.0300	66.18	-101.39	-35.21	38.06	-73.27	peak
4	0.0434	62.04	-101.45	-39.41	34.85	-74.26	peak
5	0.0675	59.14	-101.56	-42.42	31.02	-73.44	peak
6	0.0974	55.77	-101.78	-46.01	27.83	-73.84	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.

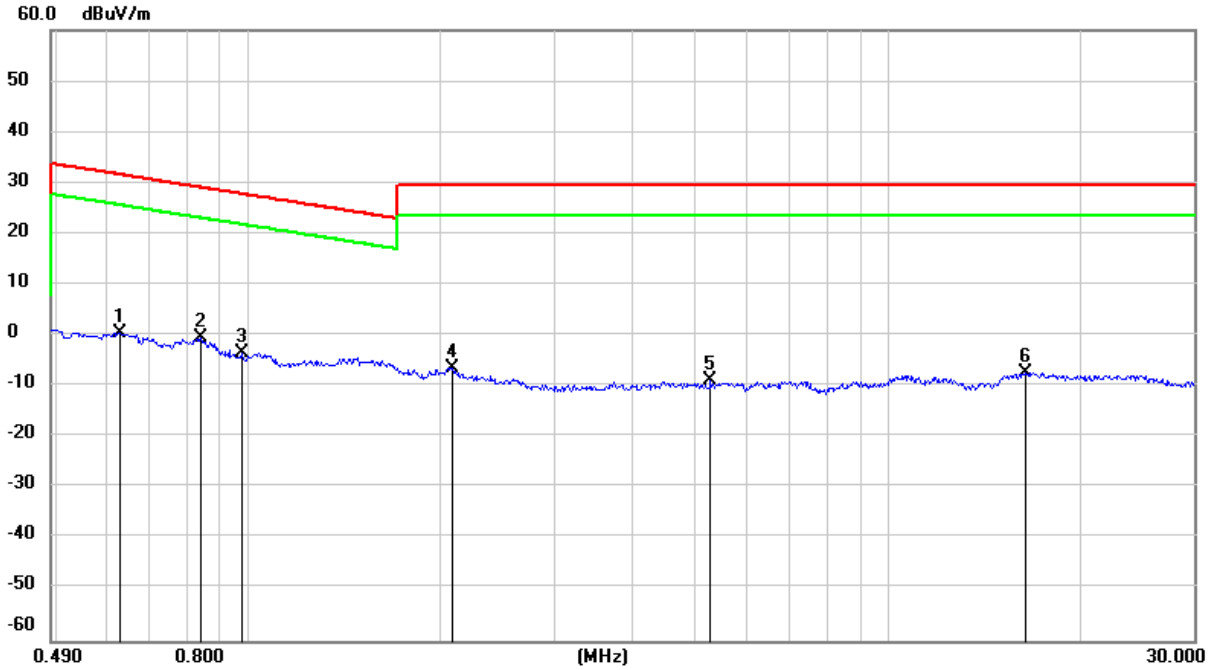
150kHz ~ 490kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	Margin (dB)	Remark
1	0.1559	73.65	-101.65	-28.00	23.74	-51.74	peak
2	0.1776	70.45	-101.68	-31.23	22.62	-53.85	peak
3	0.2053	67.29	-101.73	-34.44	21.35	-55.79	peak
4	0.2472	63.95	-101.80	-37.85	19.74	-57.59	peak
5	0.3234	61.48	-101.88	-40.40	17.41	-57.81	peak
6	0.3933	57.72	-101.96	-44.24	15.71	-59.95	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	Reading	Correct	FCC Result	FCC Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.6298	62.67	-62.09	0.58	31.62	-31.04	peak
2	0.8400	61.71	-62.17	-0.46	29.12	-29.58	peak
3	0.9737	58.71	-62.25	-3.54	27.83	-31.37	peak
4	2.0834	55.50	-61.80	-6.30	29.54	-35.84	peak
5	5.2705	52.54	-61.45	-8.91	29.54	-38.45	peak
6	16.3959	53.67	-60.96	-7.29	29.54	-36.83	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 and antennas have been tested, only the worst data record in the report.

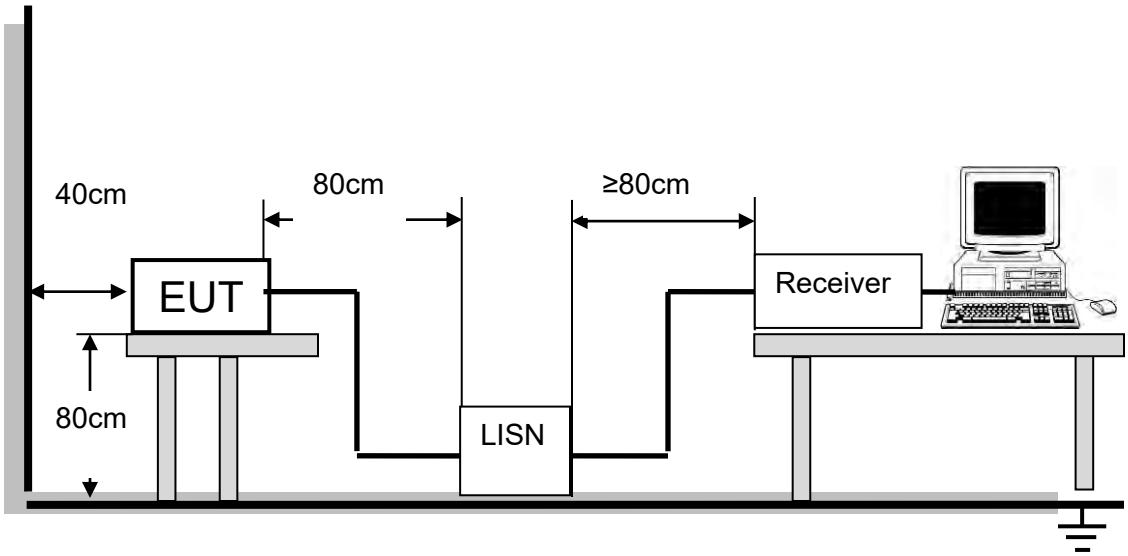
9. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to CFR 47 FCC §15.207 (a) and ISED 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.

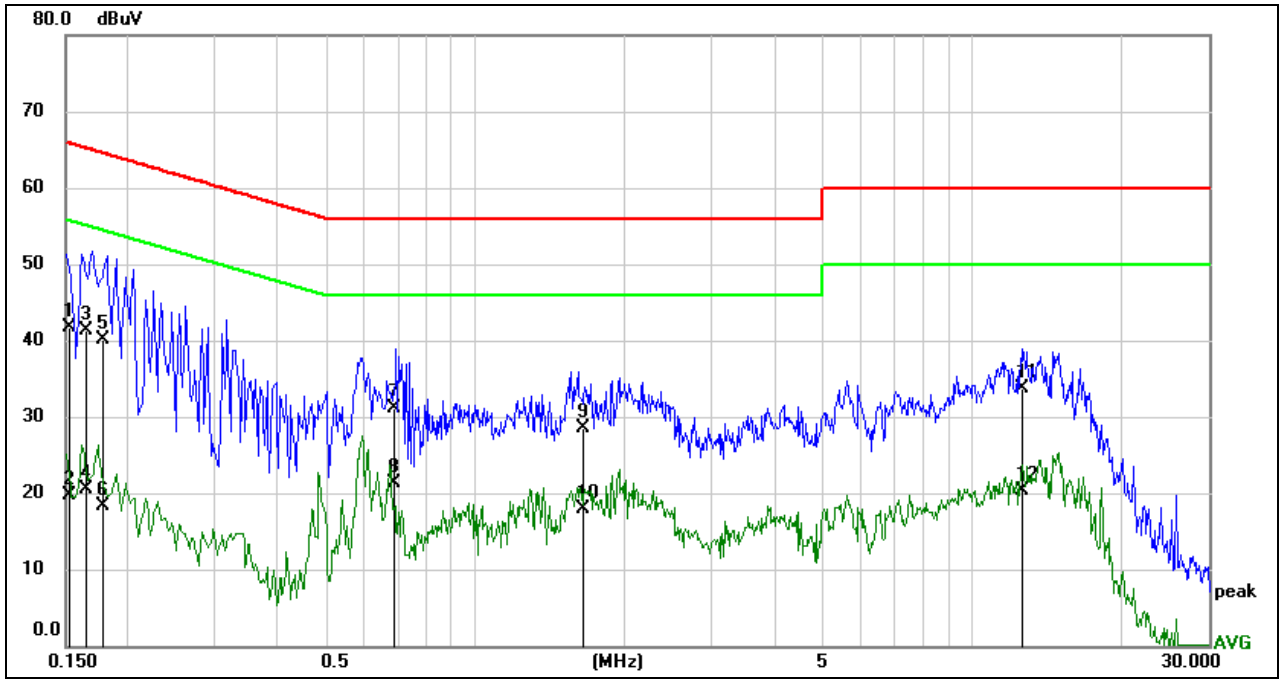
TEST ENVIRONMENT

Temperature	25.1°C	Relative Humidity	62%
Atmosphere Pressure	101kPa	Test Voltage	AC120V,60Hz

TEST RESULTS

9.1. 802.11n 20 MODE

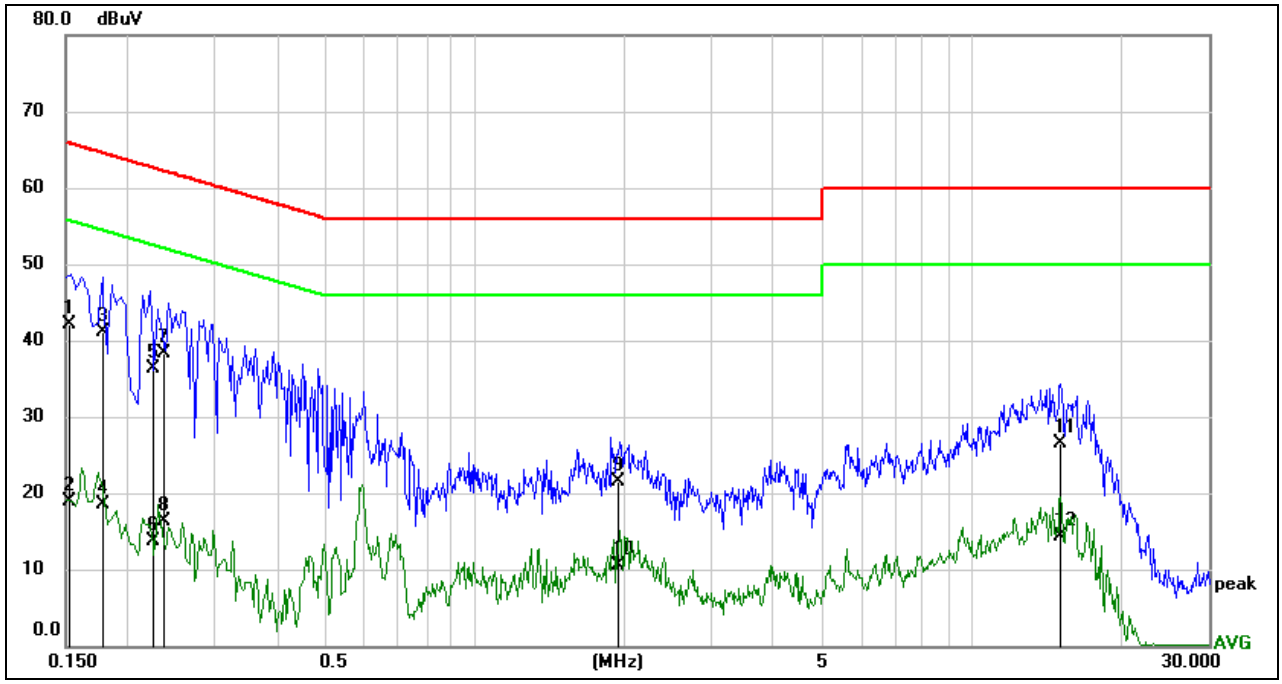
LINE N RESULTS (LOW CHANNEL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1529	41.75	0.01	41.76	65.84	-24.08	QP
2	0.1529	19.78	0.01	19.79	55.84	-36.05	AVG
3	0.1651	41.35	0.01	41.36	65.20	-23.84	QP
4	0.1651	20.46	0.01	20.47	55.20	-34.73	AVG
5	0.1770	40.00	0.01	40.01	64.63	-24.62	QP
6	0.1770	18.32	0.01	18.33	54.63	-36.30	AVG
7	0.6863	31.16	0.01	31.17	56.00	-24.83	QP
8	0.6863	21.34	0.01	21.35	46.00	-24.65	AVG
9	1.6495	28.51	0.02	28.53	56.00	-27.47	QP
10	1.6495	17.96	0.02	17.98	46.00	-28.02	AVG
11	12.6883	33.70	0.05	33.75	60.00	-26.25	QP
12	12.6883	20.34	0.05	20.39	50.00	-29.61	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	0.1522	42.15	0.01	42.16	65.88	-23.72	QP
2	0.1522	18.87	0.01	18.88	55.88	-37.00	AVG
3	0.1779	41.07	0.01	41.08	64.58	-23.50	QP
4	0.1779	18.47	0.01	18.48	54.58	-36.10	AVG
5	0.2253	36.22	0.01	36.23	62.62	-26.39	QP
6	0.2253	13.60	0.01	13.61	52.62	-39.01	AVG
7	0.2375	38.39	0.01	38.40	62.18	-23.78	QP
8	0.2375	16.25	0.01	16.26	52.18	-35.92	AVG
9	1.9406	21.53	0.02	21.55	56.00	-34.45	QP
10	1.9406	10.56	0.02	10.58	46.00	-35.42	AVG
11	15.0749	26.42	0.06	26.48	60.00	-33.52	QP
12	15.0749	14.24	0.06	14.30	50.00	-35.70	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 and antennas 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:

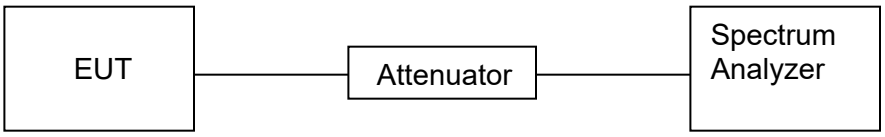
Center Frequency	The center frequency of the channel under test
Detector	PEAK
RBW	10kHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

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~55°C.

TEST SETUP



	Normal Test Conditions	Extreme Test Conditions
Temperature	NT(Normal Temperature): 22.4°C	LT(Low Temperature): 0°C
		HT(High Temperature): 55°C
Supply Voltage	NV(Normal Voltage): DC 3.82V	LT(Low Voltage): DC 3.438V
		HT(High Voltage): DC 4.202V

TEST RESULTS

Please refer to Appendix E.

11. DYNAMIC FREQUENCY SELECTION

APPLICABILITY OF DFS REQUIREMENTS

Table 1: Applicability of DFS Requirements Prior to Use of a Channel

Requirement	Operational Mode		
	☐Master	☒Client Without Radar Detection	☐Client With Radar Detection
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode	
	☐Master Device or Client with Radar Detection	☒Client Without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required

Additional requirements for devices with multiple bandwidth modes	☐Master Device or Client with Radar Detection	☒Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

LIMITS

(1) DFS Detection Thresholds

Table 3: DFS Detection Thresholds for Master Devices and Client Devices With Radar Detection

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

(2) DFS Response Requirements

Table 4: DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required facilitating a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

PARAMETERS OF RADAR TEST WAVEFORMS

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

Table 5 Short Pulse Radar Test Waveforms

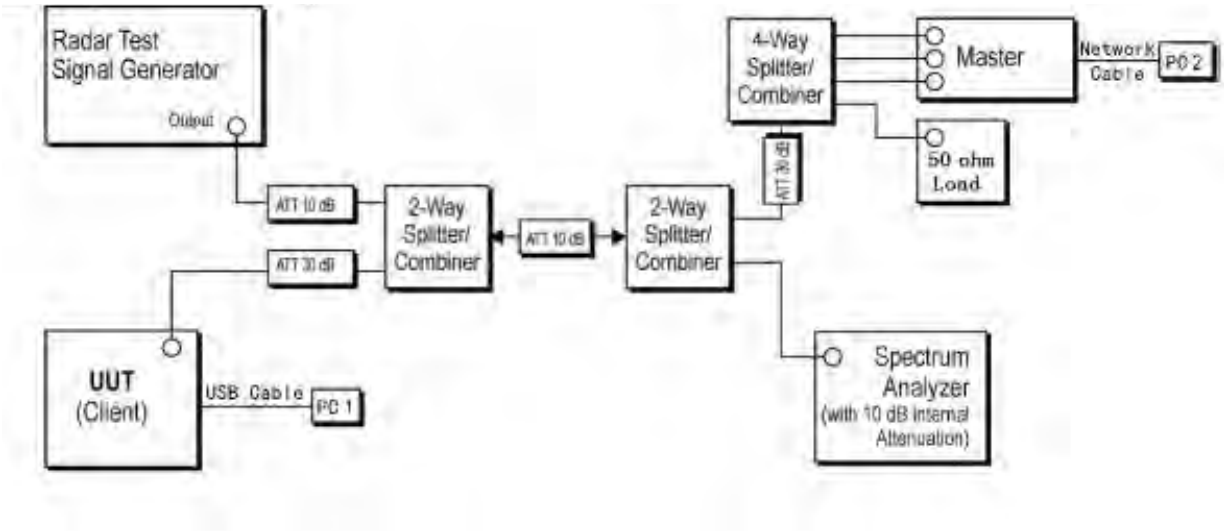
Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A	Roundup $\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{PRI_{\mu sec}}\right)\right\}$	60%	30
		Test B			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.
Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a
Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B. Test aggregate is average of the percentage of successful detections of short pulse radar types 1-4

TEST SETUP

Setup for Client with injection at the Master



Test Data

TEST RESULTS

Please refer to Appendix F.

12. 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

12.1. Appendix A1: Emission Bandwidth

12.1.1. Test Result

Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A20	Ant2	5180	21.320	5169.040	5190.360	---	PASS
		5200	21.160	5189.240	5210.400	---	PASS
		5240	21.760	5229.040	5250.800	---	PASS
		5260	21.360	5249.120	5270.480	---	PASS
		5280	21.880	5269.240	5291.120	---	PASS
		5320	20.840	5309.440	5330.280	---	PASS
		5500	21.560	5489.120	5510.680	---	PASS
		5600	21.440	5589.160	5610.600	---	PASS
		5700	21.320	5688.800	5710.120	---	PASS
		5745	20.760	5734.800	5755.560	---	PASS
		5785	20.920	5774.680	5795.600	---	PASS
		5825	21.040	5814.440	5835.480	---	PASS
11N20SISO	Ant2	5180	22.440	5168.840	5191.280	---	PASS
		5200	21.560	5189.160	5210.720	---	PASS
		5240	21.640	5229.200	5250.840	---	PASS
		5260	22.200	5248.560	5270.760	---	PASS
		5280	21.680	5269.040	5290.720	---	PASS
		5320	21.560	5309.480	5331.040	---	PASS
		5500	21.400	5489.240	5510.640	---	PASS
		5600	21.240	5589.520	5610.760	---	PASS
		5700	21.400	5689.080	5710.480	---	PASS
		5745	21.720	5734.240	5755.960	---	PASS
		5785	21.880	5774.160	5796.040	---	PASS
		5825	22.200	5813.920	5836.120	---	PASS
11N40SISO	Ant2	5190	41.680	5169.440	5211.120	---	PASS
		5230	41.600	5209.440	5251.040	---	PASS
		5270	41.520	5249.120	5290.640	---	PASS
		5310	42.640	5288.560	5331.200	---	PASS
		5510	42.000	5489.600	5531.600	---	PASS
		5590	41.760	5568.880	5610.640	---	PASS
		5670	42.480	5648.640	5691.120	---	PASS
		5755	42.960	5733.640	5776.600	---	PASS
		5795	41.440	5774.760	5816.200	---	PASS
11AC20SISO	Ant2	5180	21.520	5169.240	5190.760	---	PASS
		5200	21.720	5189.040	5210.760	---	PASS
		5240	21.360	5229.240	5250.600	---	PASS
		5260	21.080	5249.360	5270.440	---	PASS
		5280	21.640	5269.320	5290.960	---	PASS
		5320	21.960	5308.760	5330.720	---	PASS
		5500	22.240	5488.960	5511.200	---	PASS
		5600	21.720	5589.200	5610.920	---	PASS
		5700	21.600	5689.200	5710.800	---	PASS
		5745	21.840	5734.040	5755.880	---	PASS
		5785	21.440	5774.480	5795.920	---	PASS
		5825	22.600	5813.160	5835.760	---	PASS
11AC40SISO	Ant2	5190	41.760	5169.120	5210.880	---	PASS
		5230	43.040	5208.720	5251.760	---	PASS
		5270	41.920	5249.280	5291.200	---	PASS
		5310	42.160	5288.720	5330.880	---	PASS
		5510	42.560	5488.560	5531.120	---	PASS
		5590	43.040	5568.080	5611.120	---	PASS
		5670	40.320	5650.000	5690.320	---	PASS
		5755	42.800	5733.880	5776.680	---	PASS
		5795	43.040	5773.720	5816.760	---	PASS

11AC80SISO	Ant2	5210	80.320	5169.680	5250.000	---	PASS
		5290	81.760	5249.040	5330.800	---	PASS
		5530	82.880	5489.680	5572.560	---	PASS
		5610	83.360	5569.360	5652.720	---	PASS
		5775	82.720	5735.160	5817.880	---	PASS

12.1.2. Test Graphs

11A_Ant2_5180

11A_Ant2_5200

11A_Ant2_5240

11A_Ant2_5260

11A_Ant2_5280

11A_Ant2_5320

11A_Ant2_5500

11A_Ant2_5600

11A_Ant2_5700

11A_Ant2_5745

11A_Ant2_5785

11A_Ant2_5825

11N20SISO_Ant2_5180

11N20SISO_Ant2_5200

11N20SISO_Ant2_5240

11N20SISO_Ant2_5260

11N20SISO_Ant2_5280

11N20SISO_Ant2_5320

11N20SISO_Ant2_5500

11N20SISO_Ant2_5600

11N20SISO_Ant2_5700

11N20SISO_Ant2_5745

11N20SISO_Ant2_5785

11N20SISO_Ant2_5825

11N40SISO_Ant2_5190

11N40SISO_Ant2_5230

11N40SISO_Ant2_5270

11N40SISO_Ant2_5310

11N40SISO_Ant2_5510