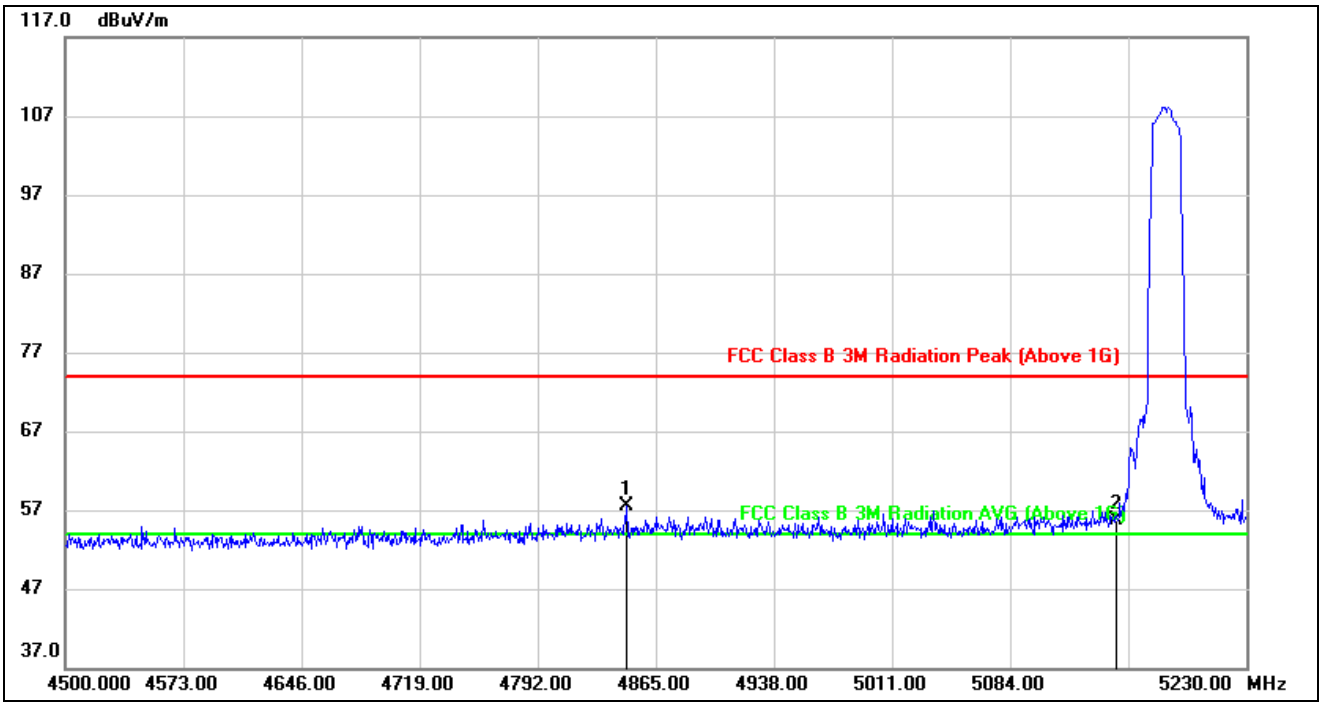
8.2. 802.11n HT20 MIMO MODE

MIMO CDD MODE (WORST-CASE CONFIGURATION)

8.2.1. 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	4846.750	18.15	39.42	57.57	74.00	-16.43	peak
2	5150.000	15.25	40.46	55.71	74.00	-18.29	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. 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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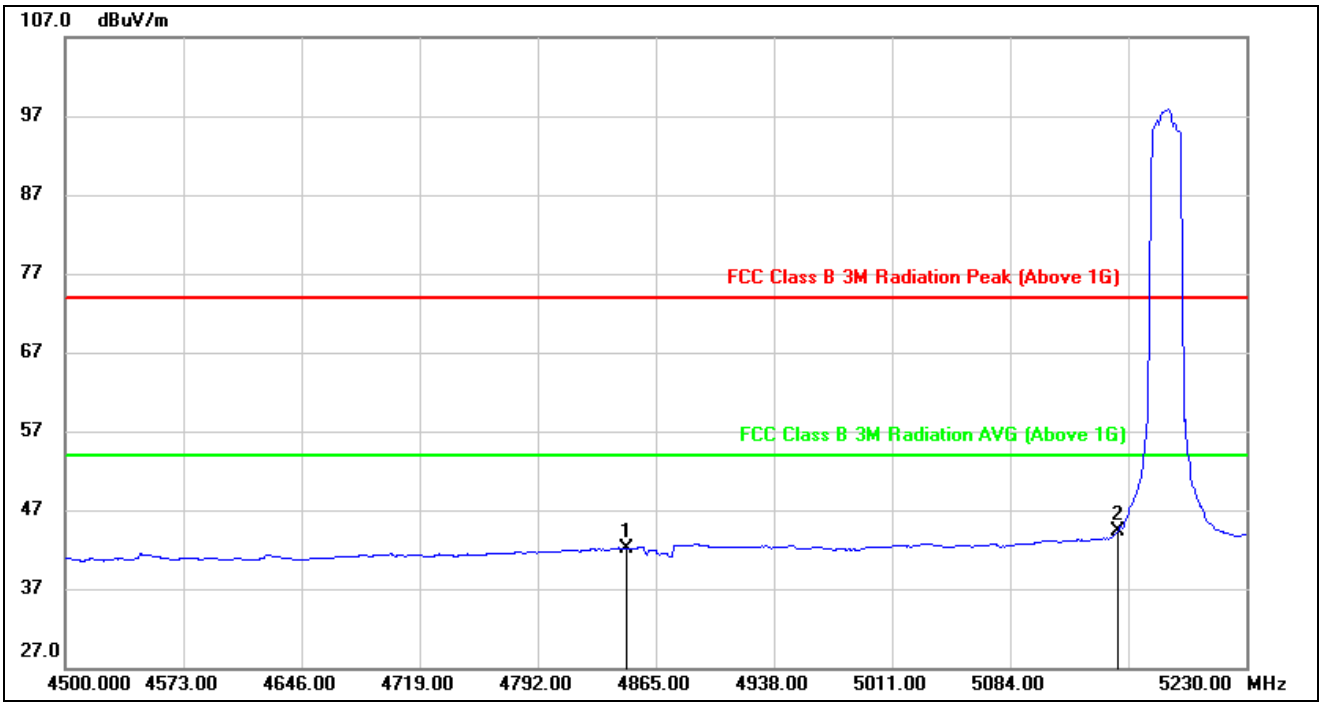
AVG



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4846.750	2.71	39.42	42.13	54.00	-11.87	AVG
2	5150.000	3.76	40.46	44.22	54.00	-9.78	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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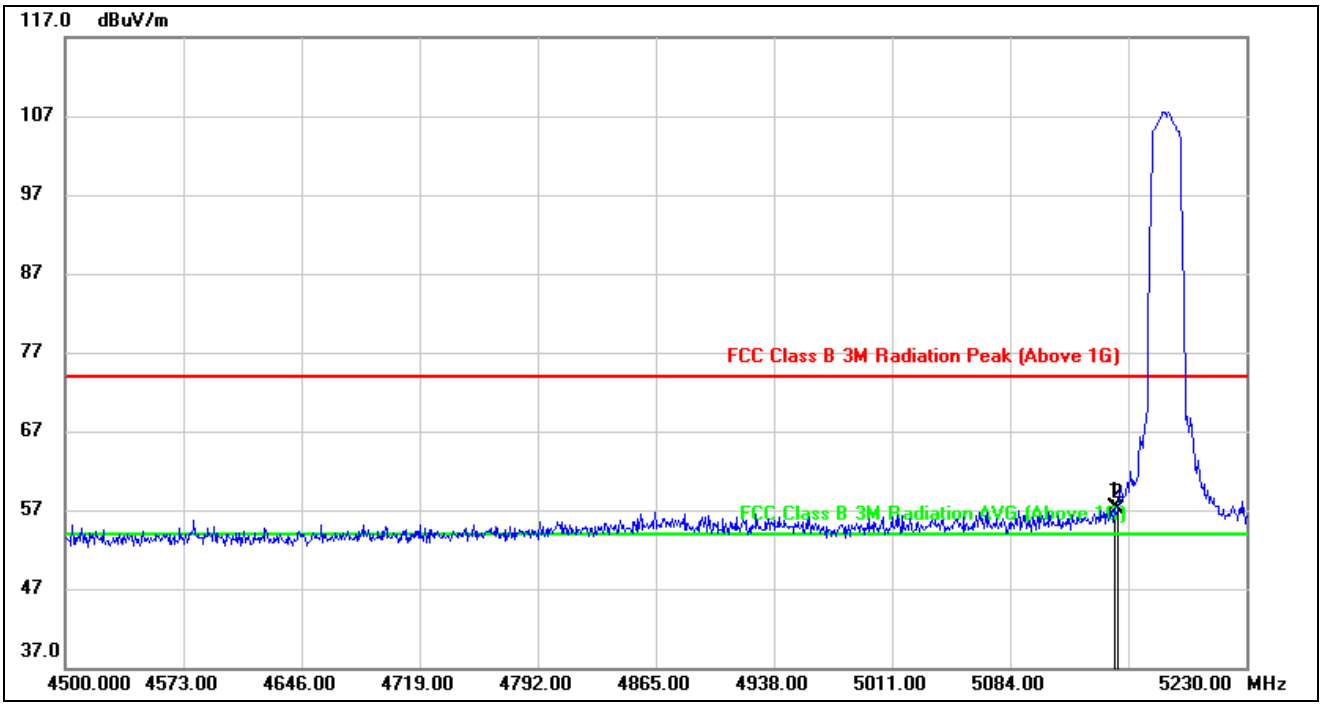
VERTICAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5148.240	16.86	40.46	57.32	74.00	-16.68	peak
2	5150.000	16.59	40.46	57.05	74.00	-16.95	peak

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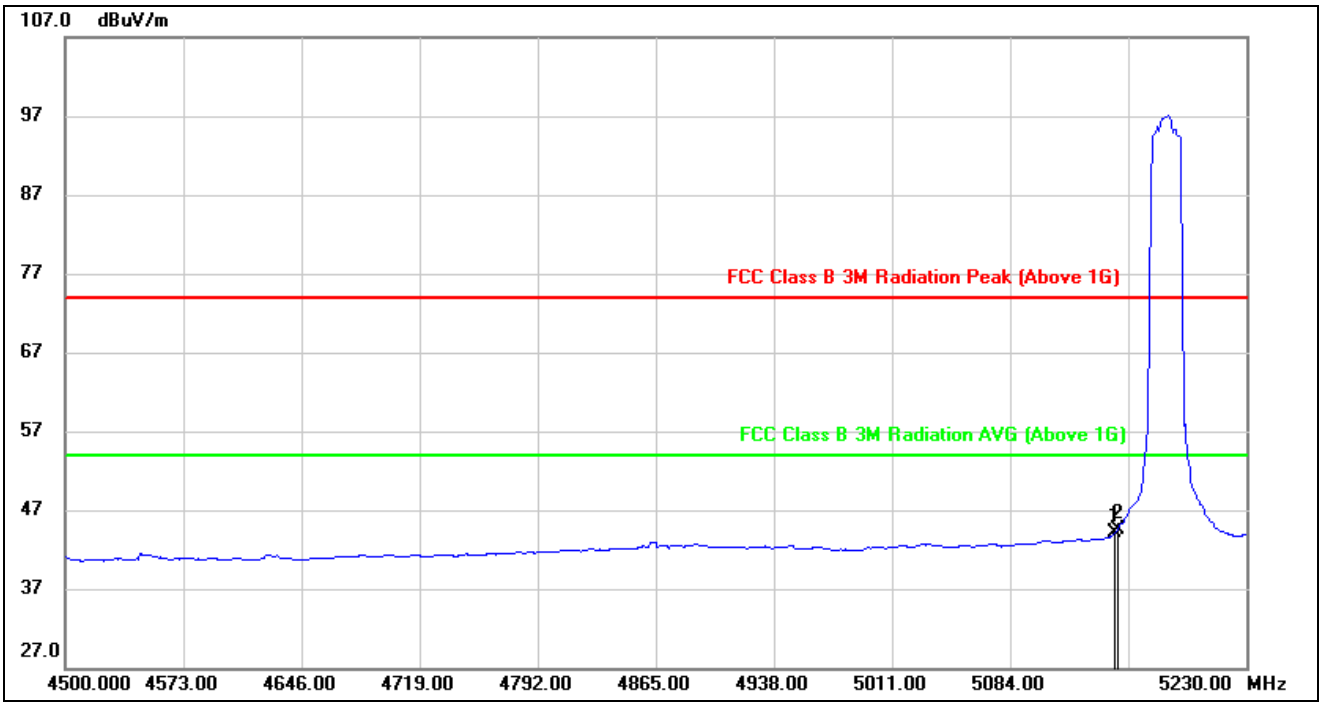
AVG



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5148.240	3.62	40.46	44.08	54.00	-9.92	AVG
2	5150.000	4.08	40.46	44.54	54.00	-9.46	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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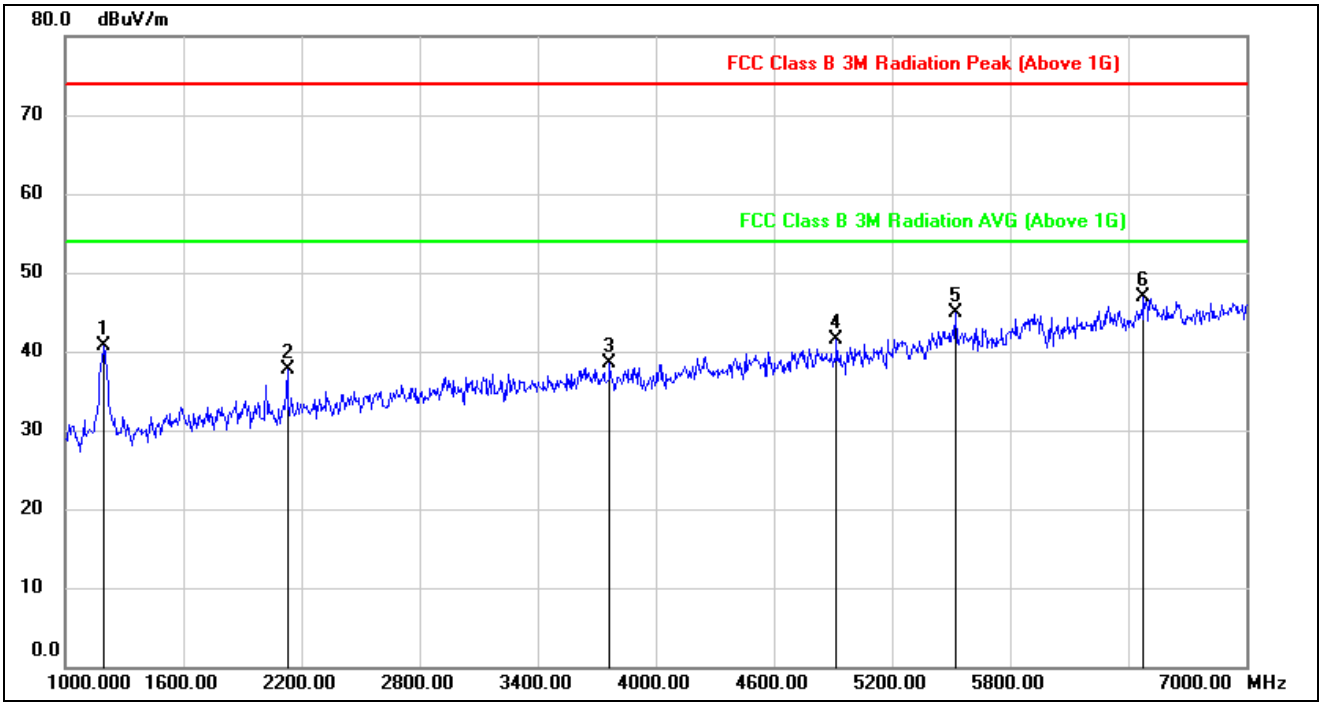
HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.000	54.14	-13.52	40.62	74.00	-33.38	peak
2	2128.000	47.85	-10.09	37.76	74.00	-36.24	peak
3	3766.000	42.65	-4.16	38.49	74.00	-35.51	peak
4	4918.000	42.14	-0.68	41.46	74.00	-32.54	peak
5	5524.000	42.59	2.27	44.86	74.00	-29.14	peak
6	6478.000	41.31	5.58	46.89	74.00	-27.11	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 then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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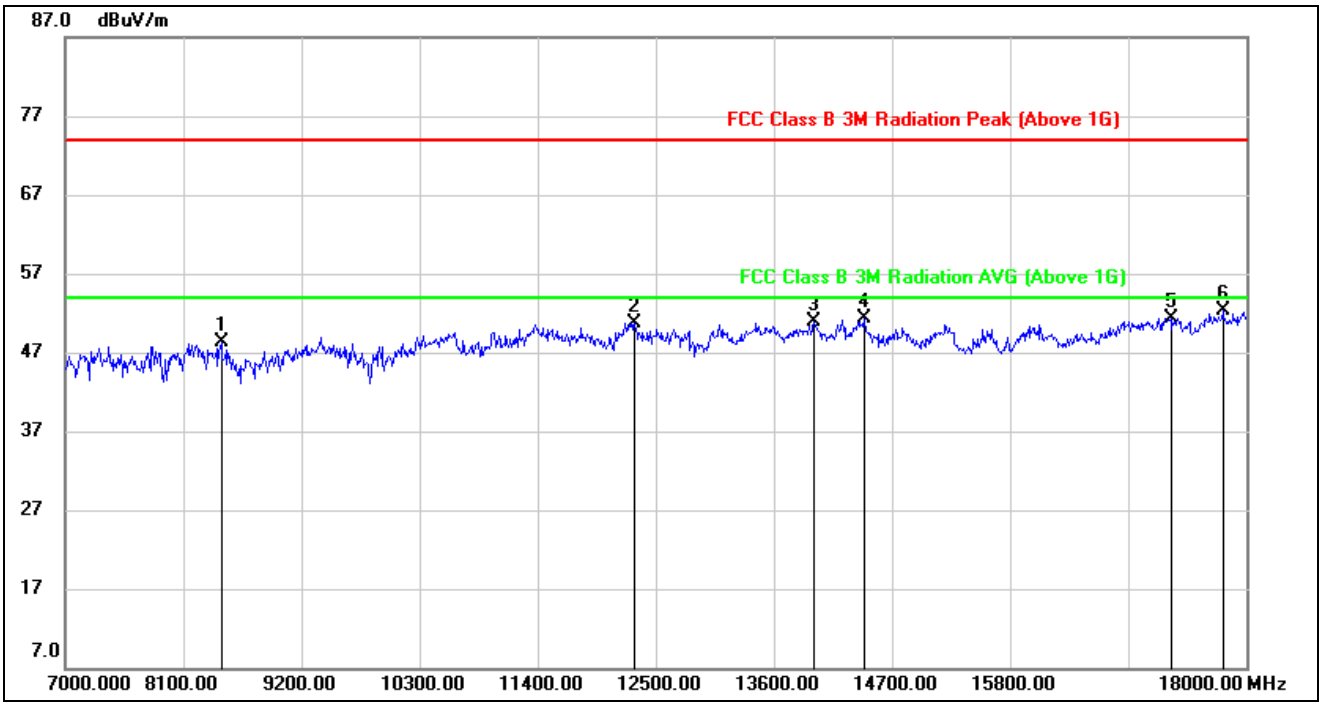
HORIZONTAL RESULTS
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8452.000	39.23	9.16	48.39	74.00	-25.61	peak
2	12302.000	35.64	15.16	50.80	74.00	-23.20	peak
3	13974.000	34.53	16.46	50.99	74.00	-23.01	peak
4	14436.000	34.77	16.58	51.35	74.00	-22.65	peak
5	17296.000	29.48	21.88	51.36	74.00	-22.64	peak
6	17780.000	29.32	23.01	52.33	74.00	-21.67	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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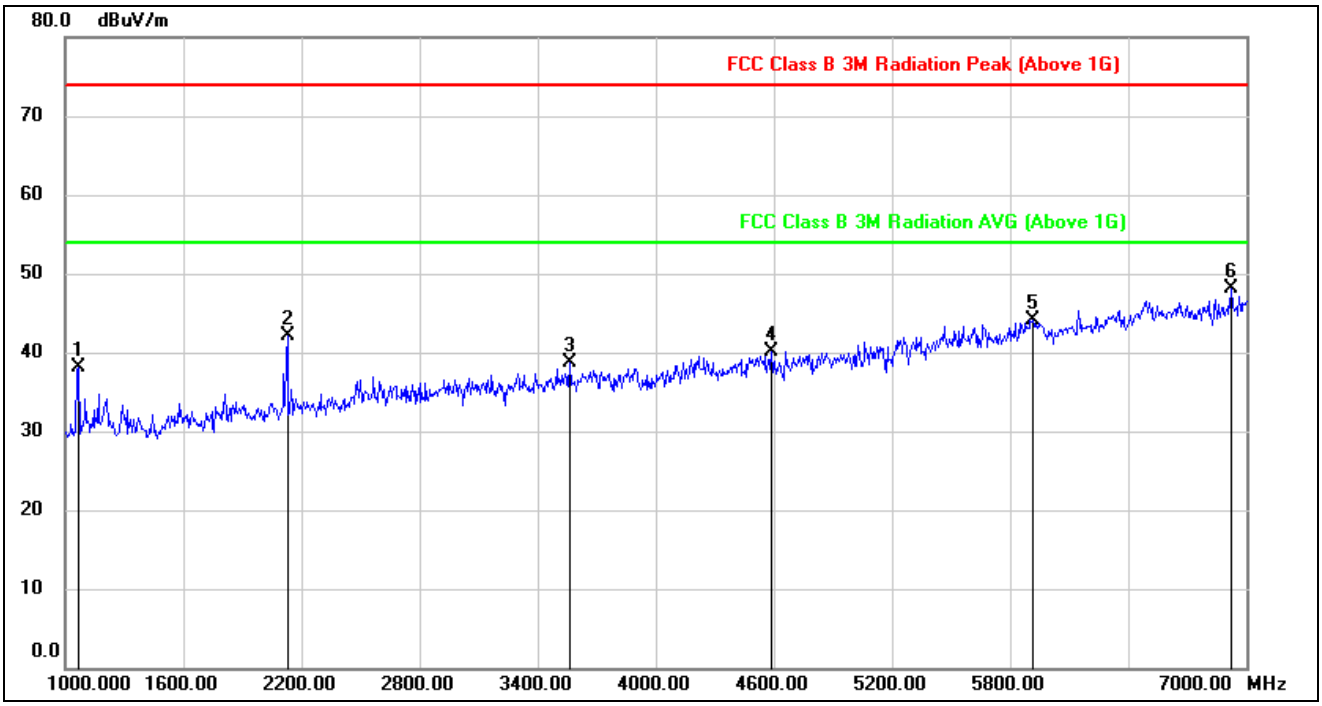
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1066.000	52.62	-14.50	38.12	74.00	-35.88	peak
2	2128.000	52.26	-10.09	42.17	74.00	-31.83	peak
3	3562.000	43.77	-5.07	38.70	74.00	-35.30	peak
4	4588.000	42.15	-2.04	40.11	74.00	-33.89	peak
5	5914.000	39.44	4.65	44.09	74.00	-29.91	peak
6	6922.000	41.81	6.32	48.13	74.00	-25.87	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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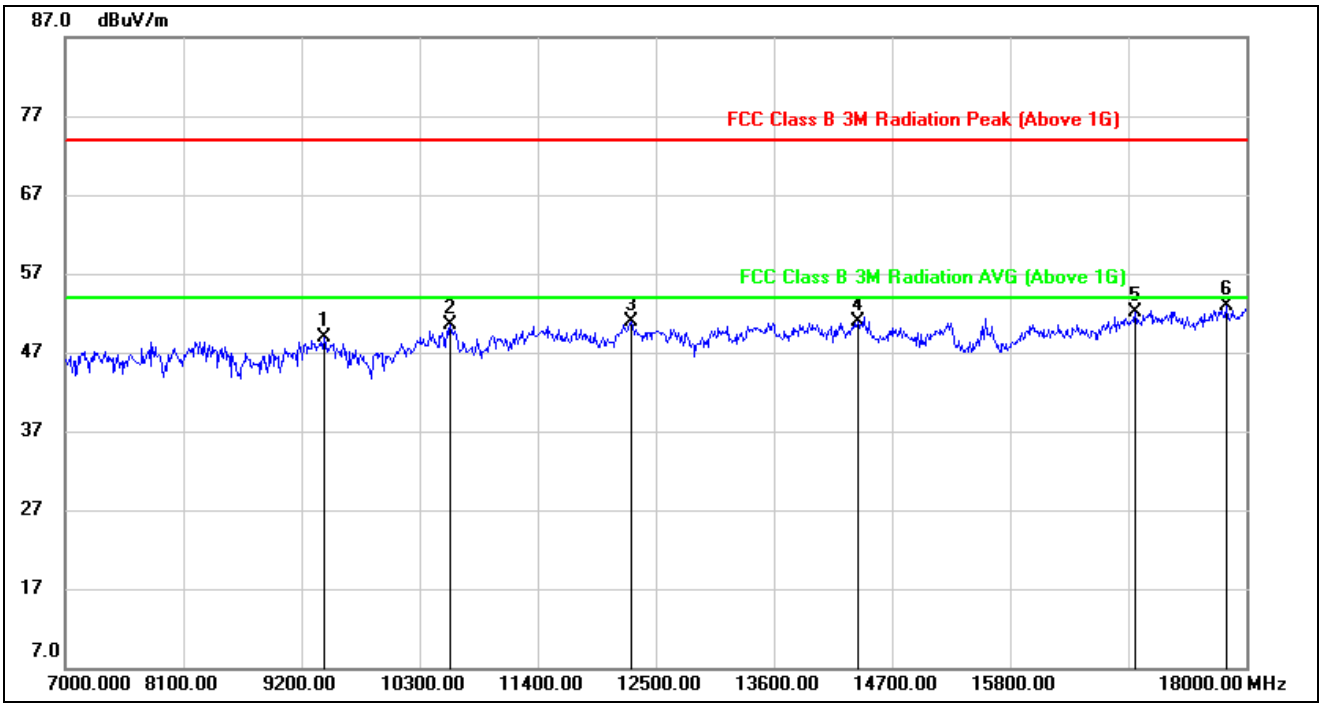
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	9409.000	38.07	10.74	48.81	74.00	-25.19	peak
2	10586.000	37.53	13.00	50.53	74.00	-23.47	peak
3	12269.000	35.73	15.09	50.82	74.00	-23.18	peak
4	14381.000	34.29	16.59	50.88	74.00	-23.12	peak
5	16966.000	31.51	20.59	52.10	74.00	-21.90	peak
6	17813.000	29.70	23.19	52.89	74.00	-21.11	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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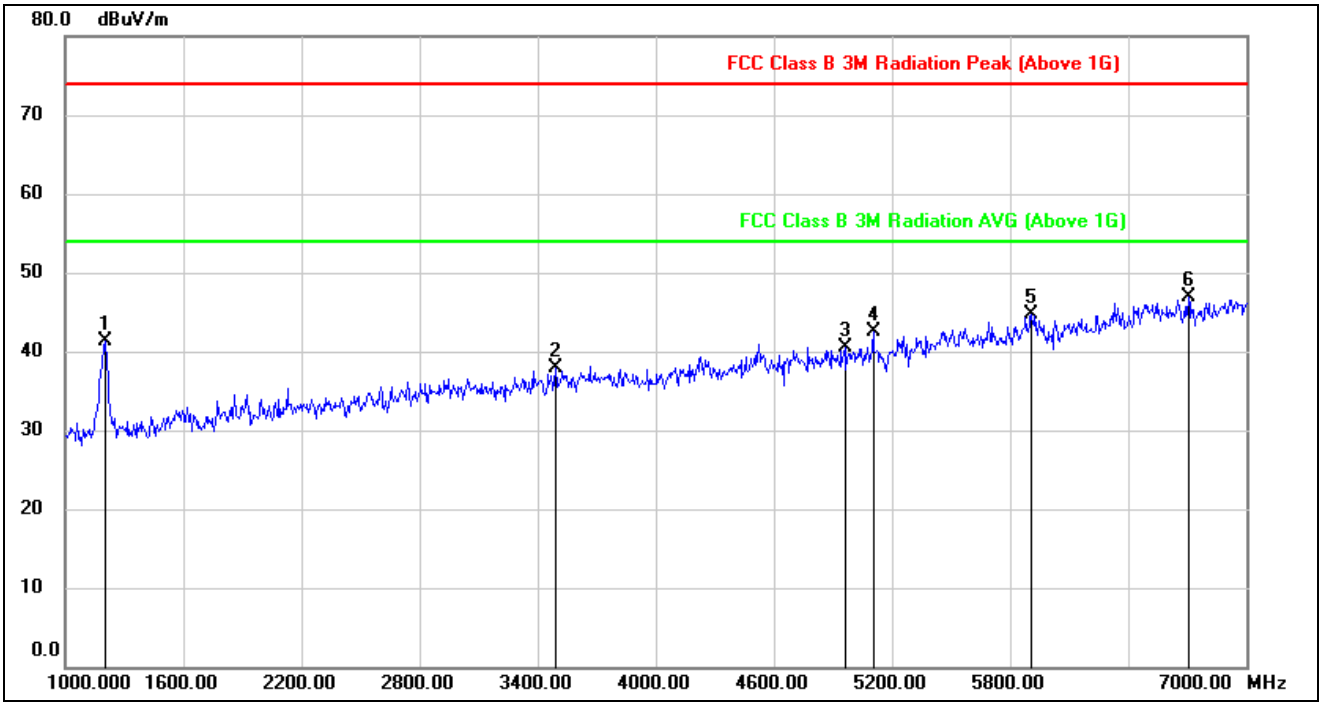
HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1204.000	54.86	-13.49	41.37	74.00	-32.63	peak
2	3490.000	43.30	-5.44	37.86	74.00	-36.14	peak
3	4960.000	40.81	-0.36	40.45	74.00	-33.55	peak
4	5104.000	42.34	0.16	42.50	74.00	-31.50	peak
5	5908.000	39.98	4.75	44.73	74.00	-29.27	peak
6	6706.000	41.20	5.61	46.81	74.00	-27.19	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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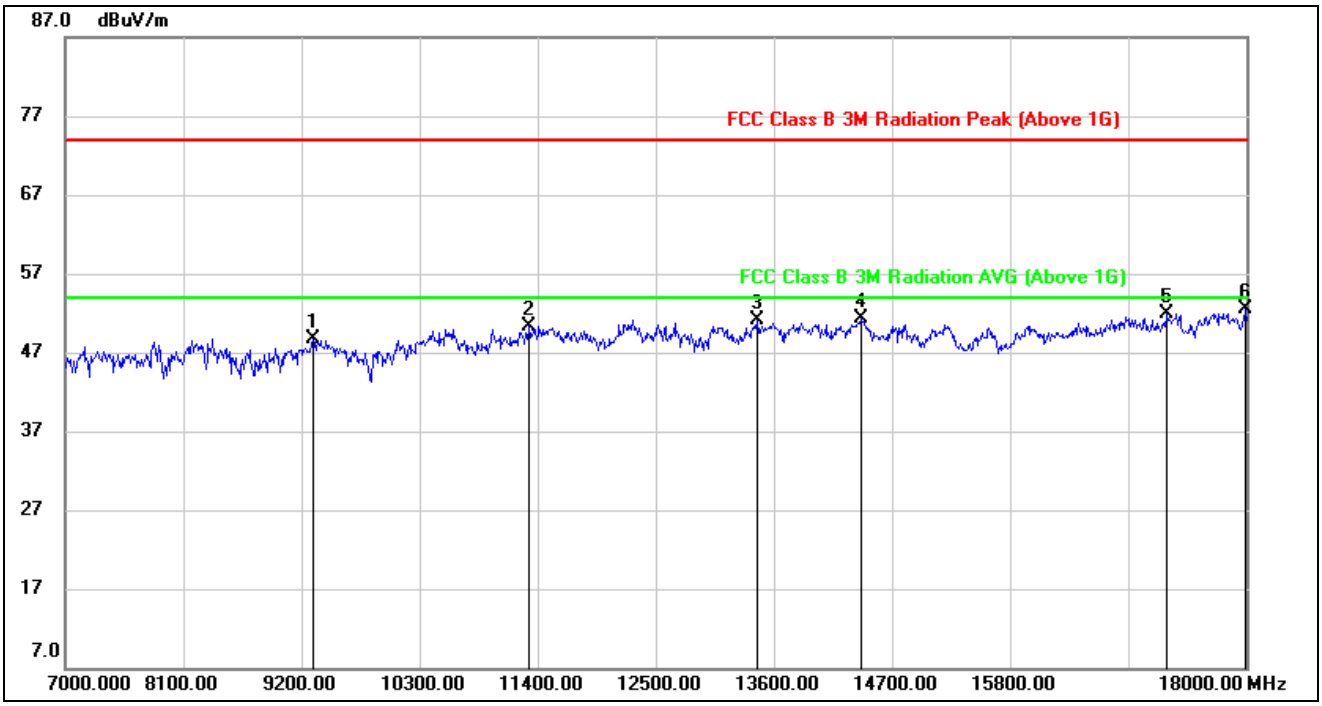
HORIZONTAL RESULTS
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	9310.000	38.43	10.32	48.75	74.00	-25.25	peak
2	11323.000	36.89	13.39	50.28	74.00	-23.72	peak
3	13446.000	35.05	16.07	51.12	74.00	-22.88	peak
4	14414.000	34.71	16.60	51.31	74.00	-22.69	peak
5	17263.000	30.25	21.59	51.84	74.00	-22.16	peak
6	17989.000	29.30	23.15	52.45	74.00	-21.55	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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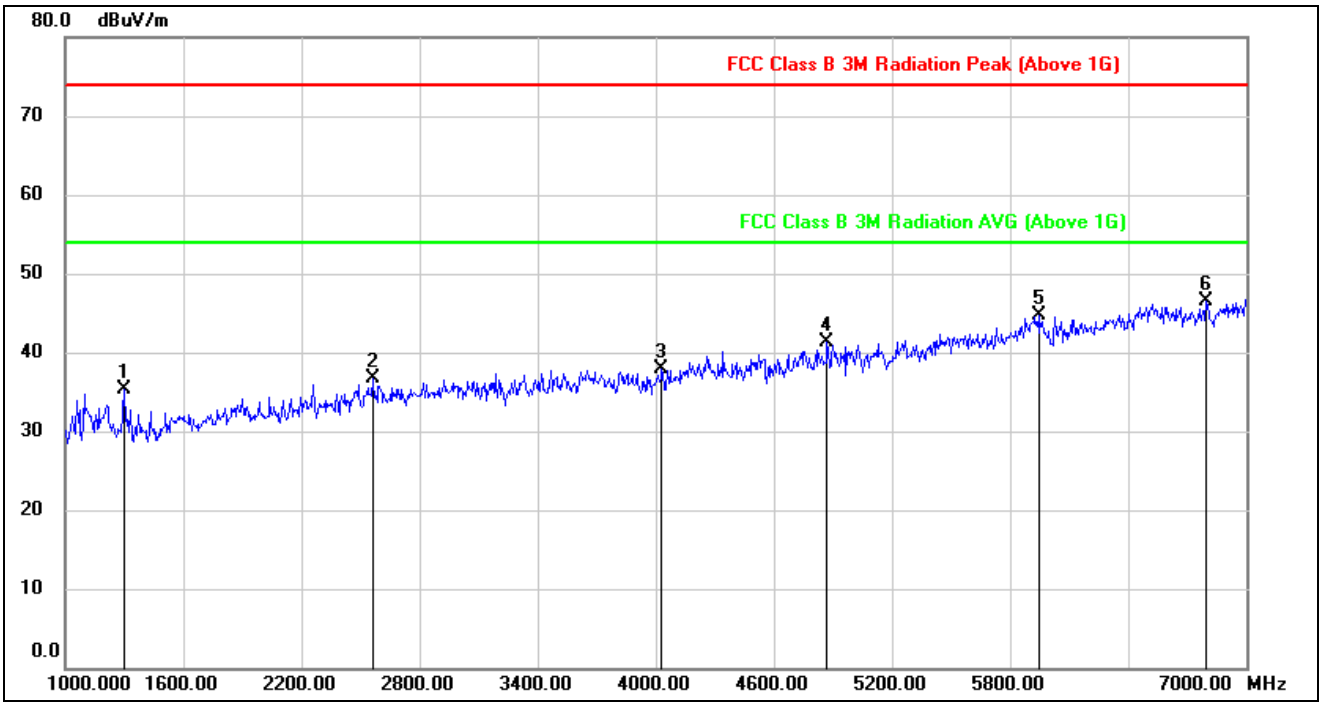
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1300.000	48.36	-13.13	35.23	74.00	-38.77	peak
2	2560.000	45.19	-8.42	36.77	74.00	-37.23	peak
3	4030.000	41.94	-4.03	37.91	74.00	-36.09	peak
4	4870.000	42.22	-0.87	41.35	74.00	-32.65	peak
5	5944.000	40.51	4.17	44.68	74.00	-29.32	peak
6	6796.000	40.93	5.60	46.53	74.00	-27.47	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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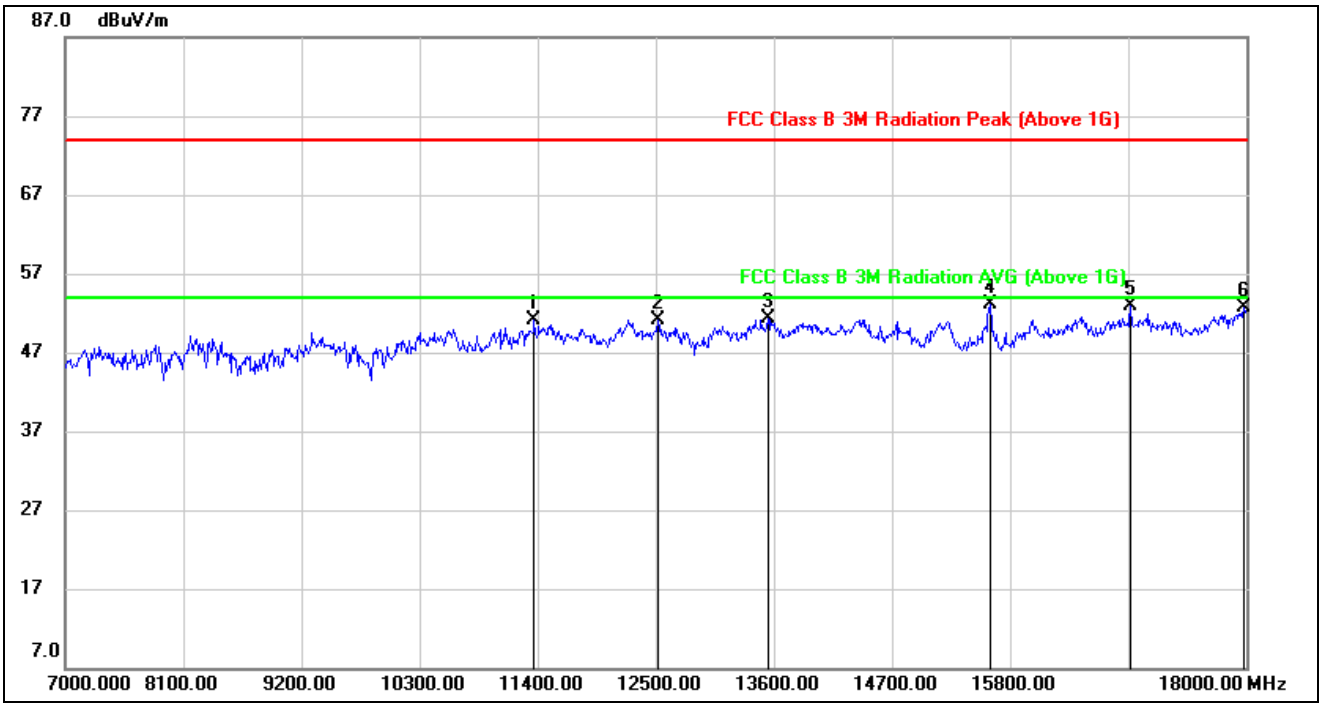
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	11367.000	37.43	13.58	51.01	74.00	-22.99	peak
2	12522.000	35.97	15.17	51.14	74.00	-22.86	peak
3	13545.000	35.16	16.06	51.22	74.00	-22.78	peak
4	15613.000	36.13	16.89	53.02	74.00	-20.98	peak
5	16922.000	32.42	20.40	52.82	74.00	-21.18	peak
6	17978.000	29.55	23.15	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. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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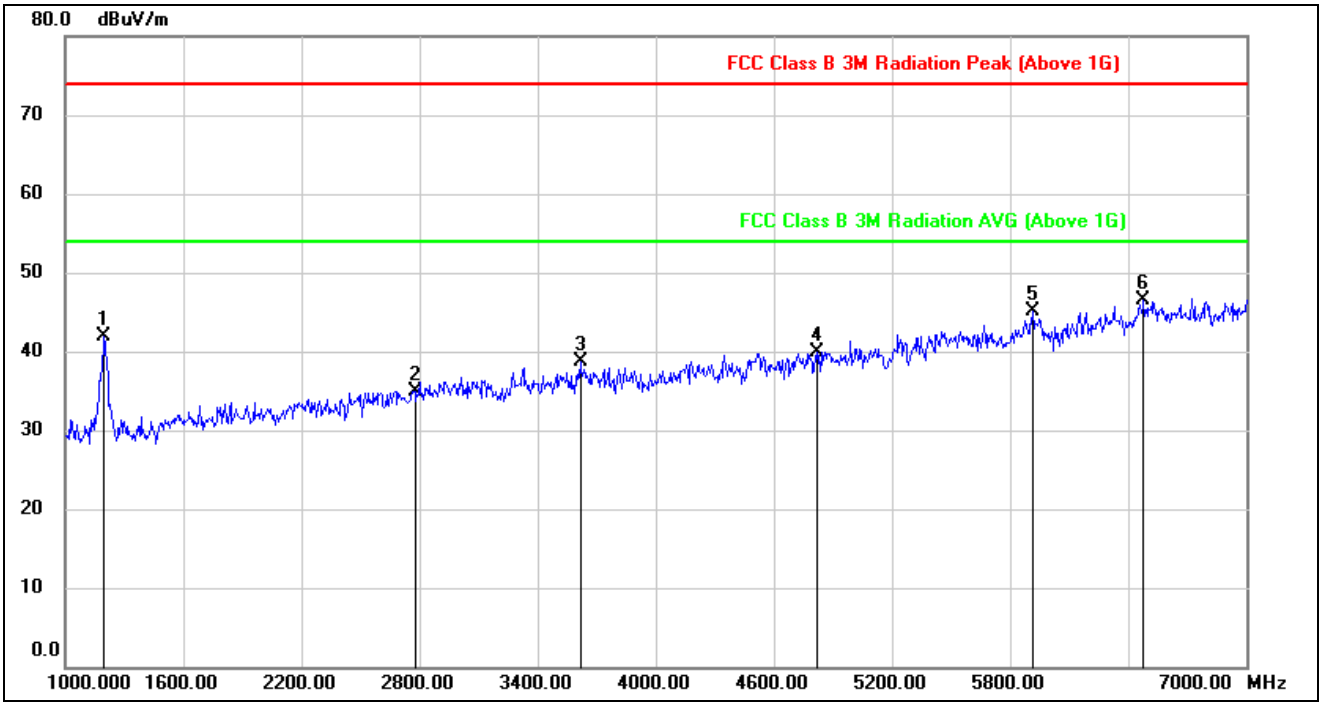
HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.000	55.35	-13.52	41.83	74.00	-32.17	peak
2	2776.000	42.38	-7.40	34.98	74.00	-39.02	peak
3	3616.000	43.44	-4.74	38.70	74.00	-35.30	peak
4	4822.000	40.87	-0.91	39.96	74.00	-34.04	peak
5	5914.000	40.39	4.65	45.04	74.00	-28.96	peak
6	6478.000	40.85	5.58	46.43	74.00	-27.57	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 then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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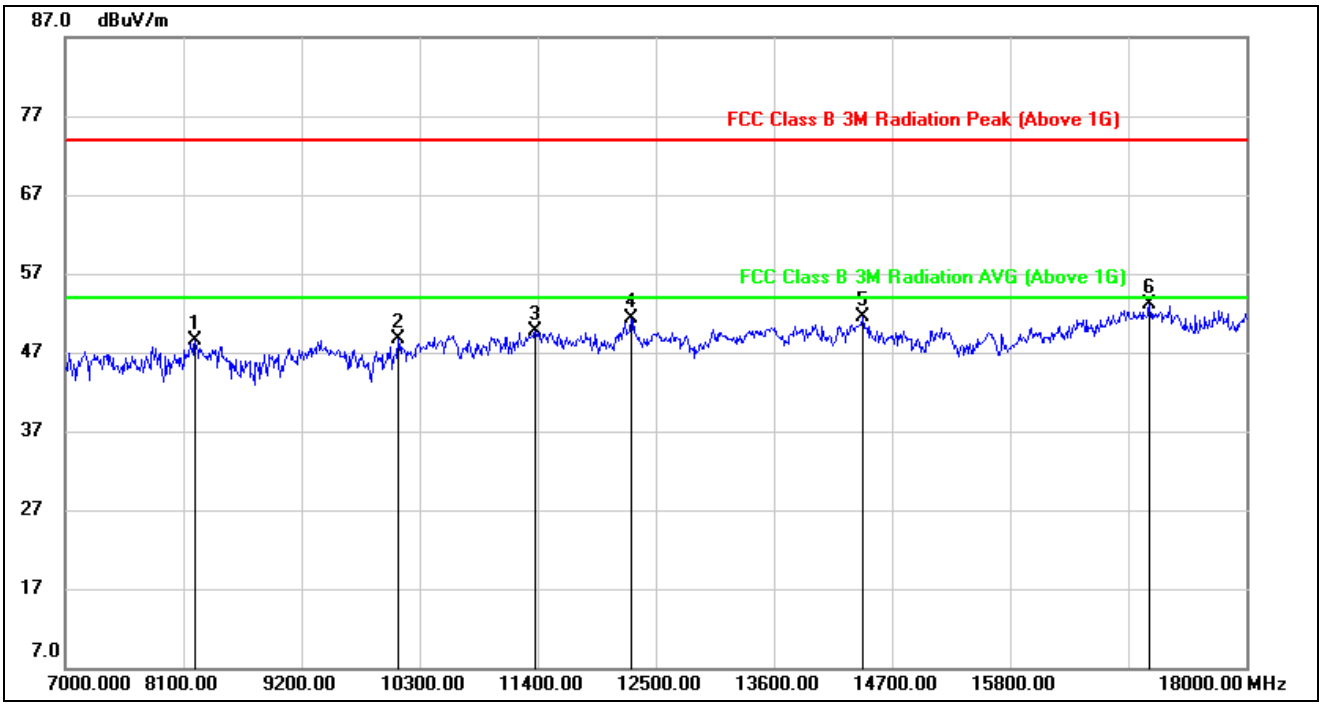
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8210.000	38.45	10.11	48.56	74.00	-25.44	peak
2	10102.000	37.33	11.31	48.64	74.00	-25.36	peak
3	11378.000	36.06	13.63	49.69	74.00	-24.31	peak
4	12269.000	36.20	15.09	51.29	74.00	-22.71	peak
5	14425.000	34.91	16.59	51.50	74.00	-22.50	peak
6	17098.000	32.10	20.93	53.03	74.00	-20.97	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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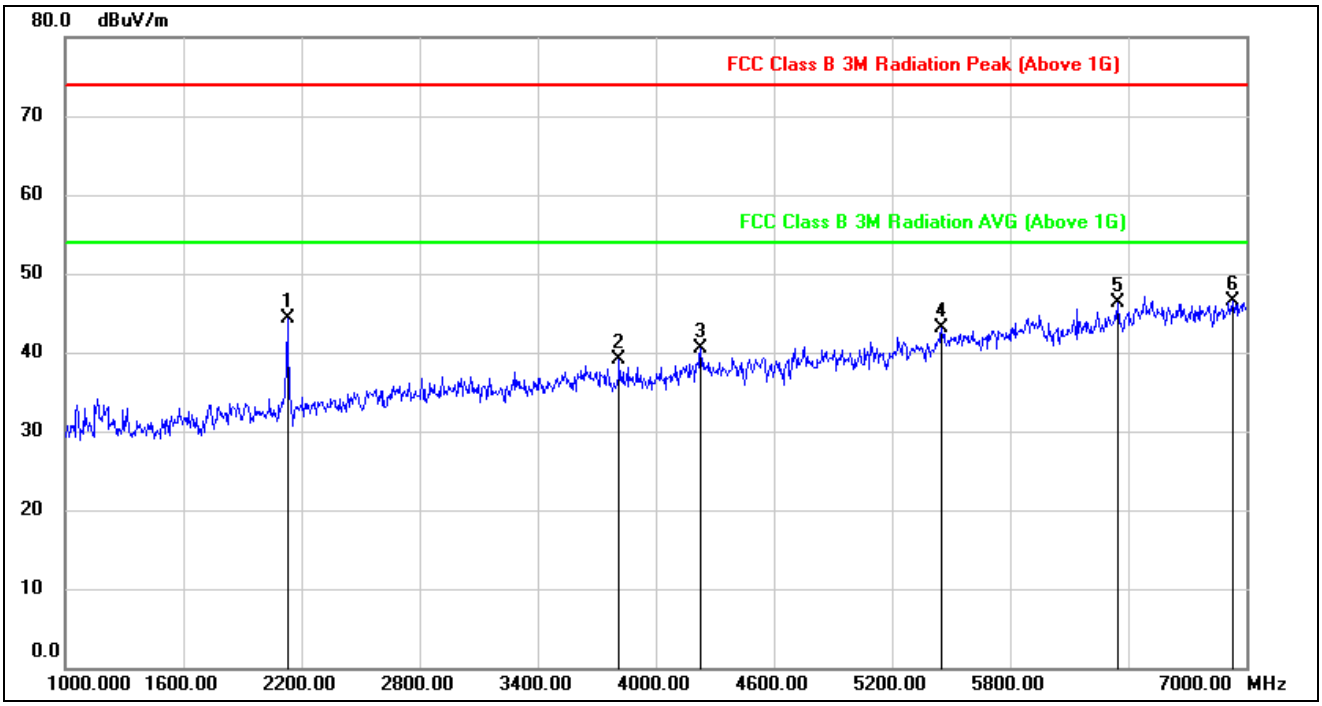
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2128.000	54.44	-10.09	44.35	74.00	-29.65	peak
2	3814.000	43.28	-4.22	39.06	74.00	-34.94	peak
3	4228.000	43.40	-2.93	40.47	74.00	-33.53	peak
4	5452.000	41.45	1.62	43.07	74.00	-30.93	peak
5	6346.000	41.89	4.32	46.21	74.00	-27.79	peak
6	6934.000	40.09	6.34	46.43	74.00	-27.57	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 then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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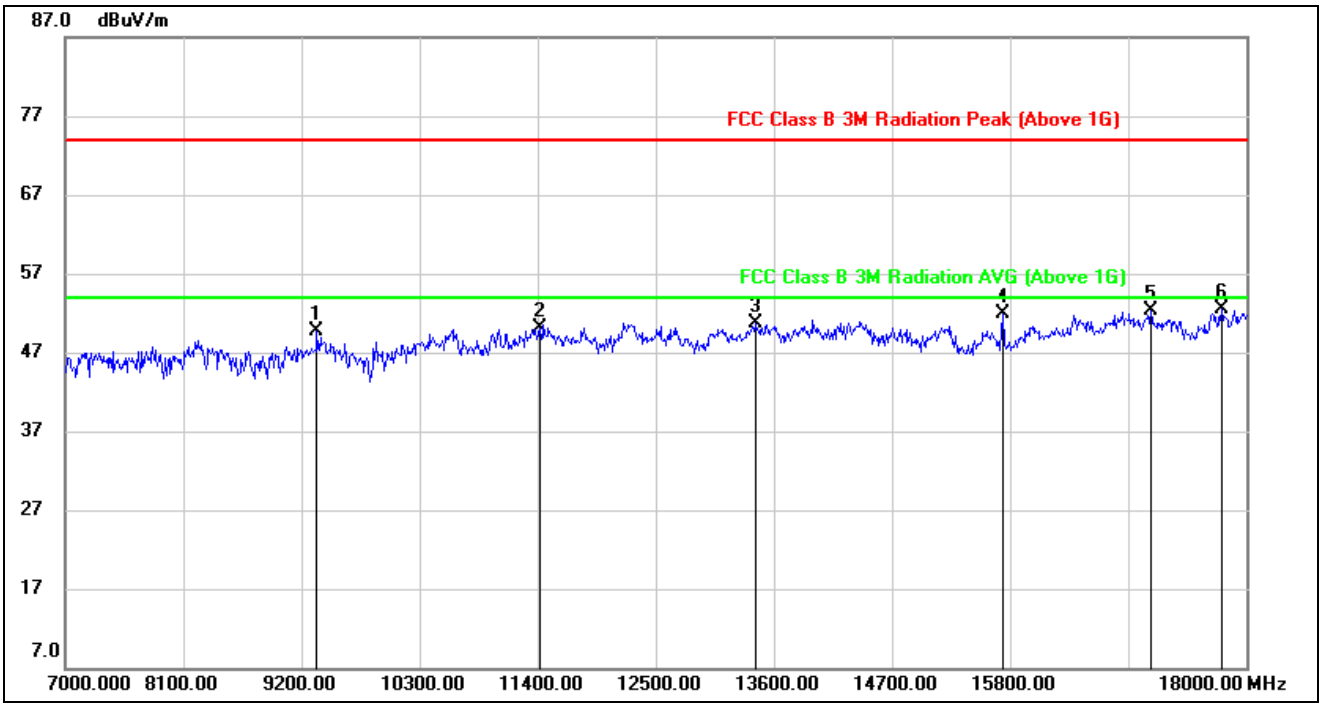
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	9343.000	39.17	10.47	49.64	74.00	-24.36	peak
2	11422.000	36.13	13.89	50.02	74.00	-23.98	peak
3	13424.000	34.66	16.14	50.80	74.00	-23.20	peak
4	15734.000	35.23	16.64	51.87	74.00	-22.13	peak
5	17109.000	31.35	20.94	52.29	74.00	-21.71	peak
6	17769.000	29.68	22.91	52.59	74.00	-21.41	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. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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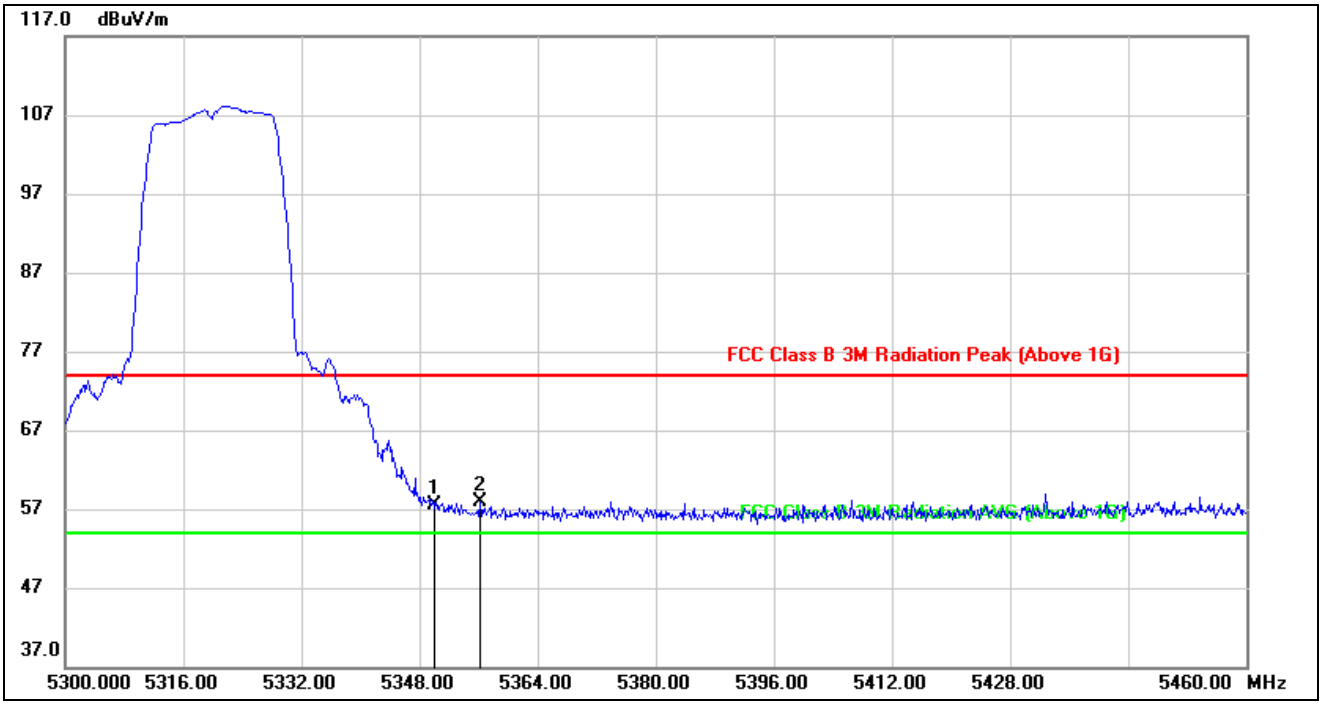
8.2.2. UNII-2A BAND

RESTRICTED BANDEDGE HIGH CHANNEL

HORIZONTAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	16.84	40.64	57.48	74.00	-16.52	peak
2	5356.160	17.31	40.63	57.94	74.00	-16.06	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. 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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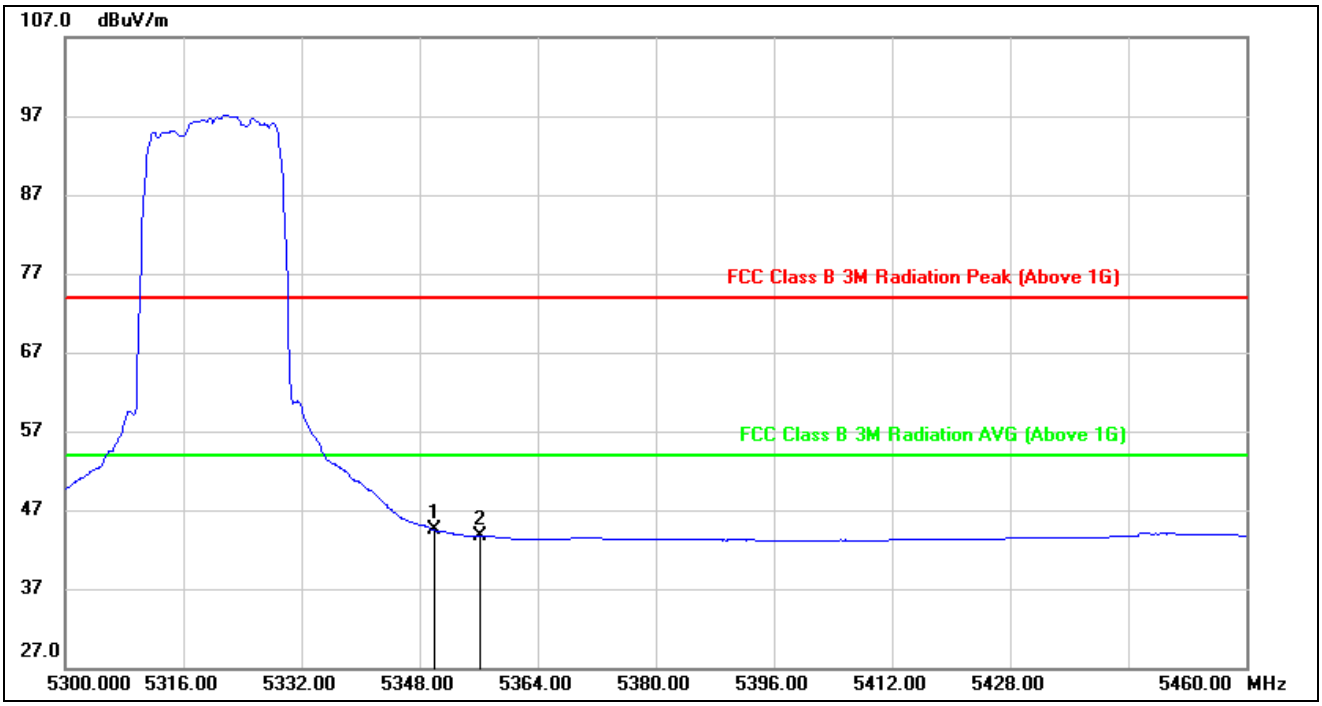
AVG



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	3.78	40.64	44.42	54.00	-9.58	AVG
2	5356.160	3.06	40.63	43.69	54.00	-10.31	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.

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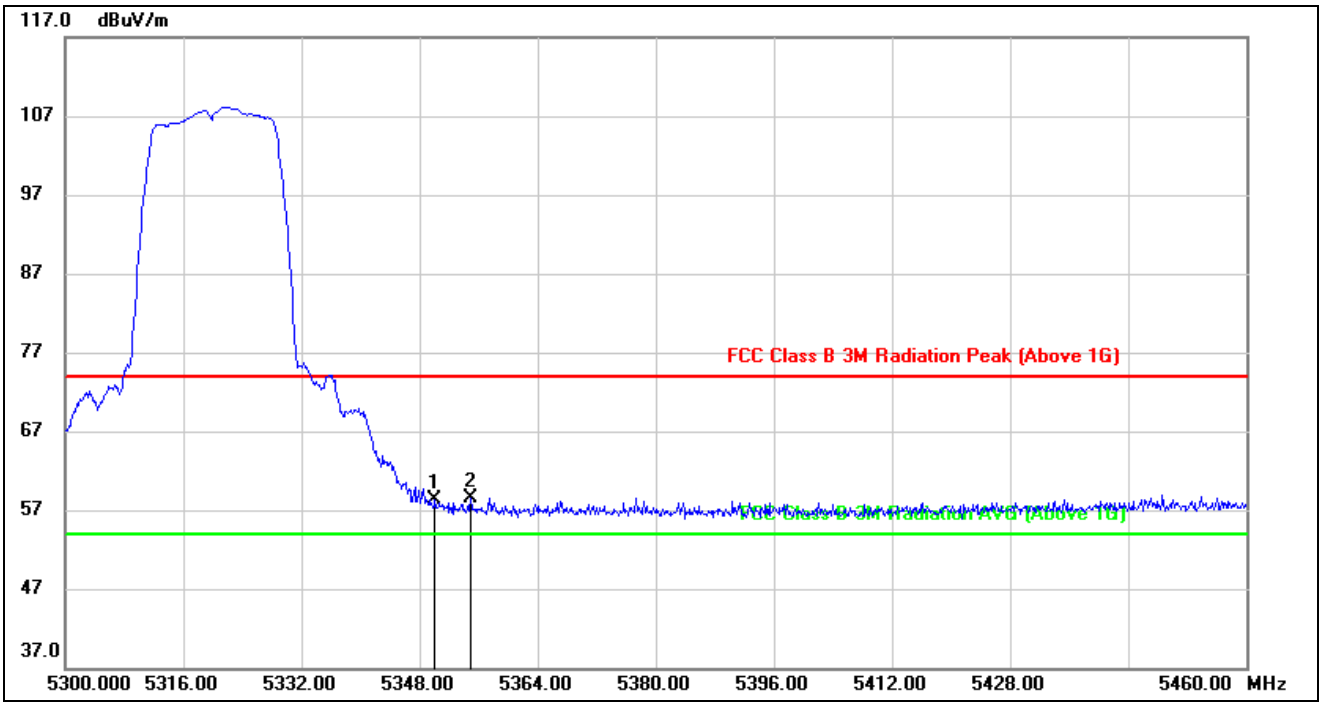
VERTICAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	17.75	40.64	58.39	74.00	-15.61	peak
2	5354.880	17.84	40.63	58.47	74.00	-15.53	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. 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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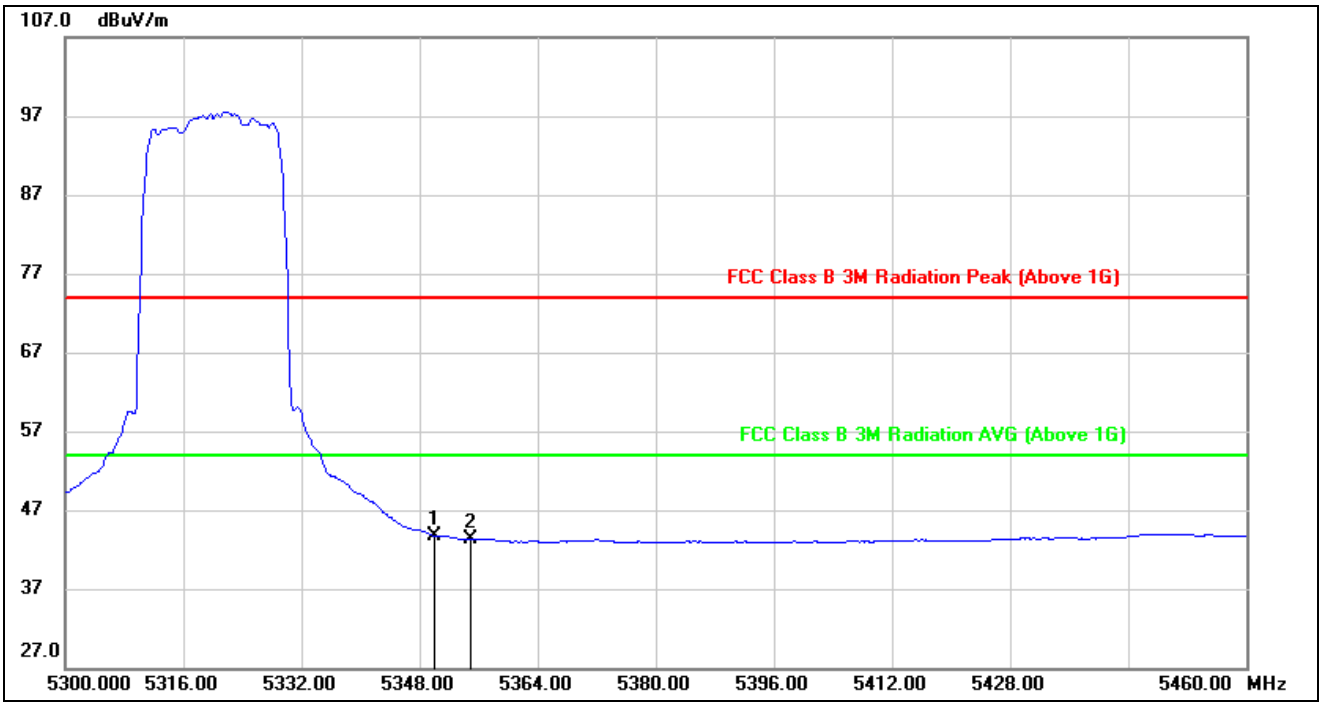
AVG



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	3.07	40.64	43.71	54.00	-10.29	AVG
2	5354.880	2.66	40.63	43.29	54.00	-10.71	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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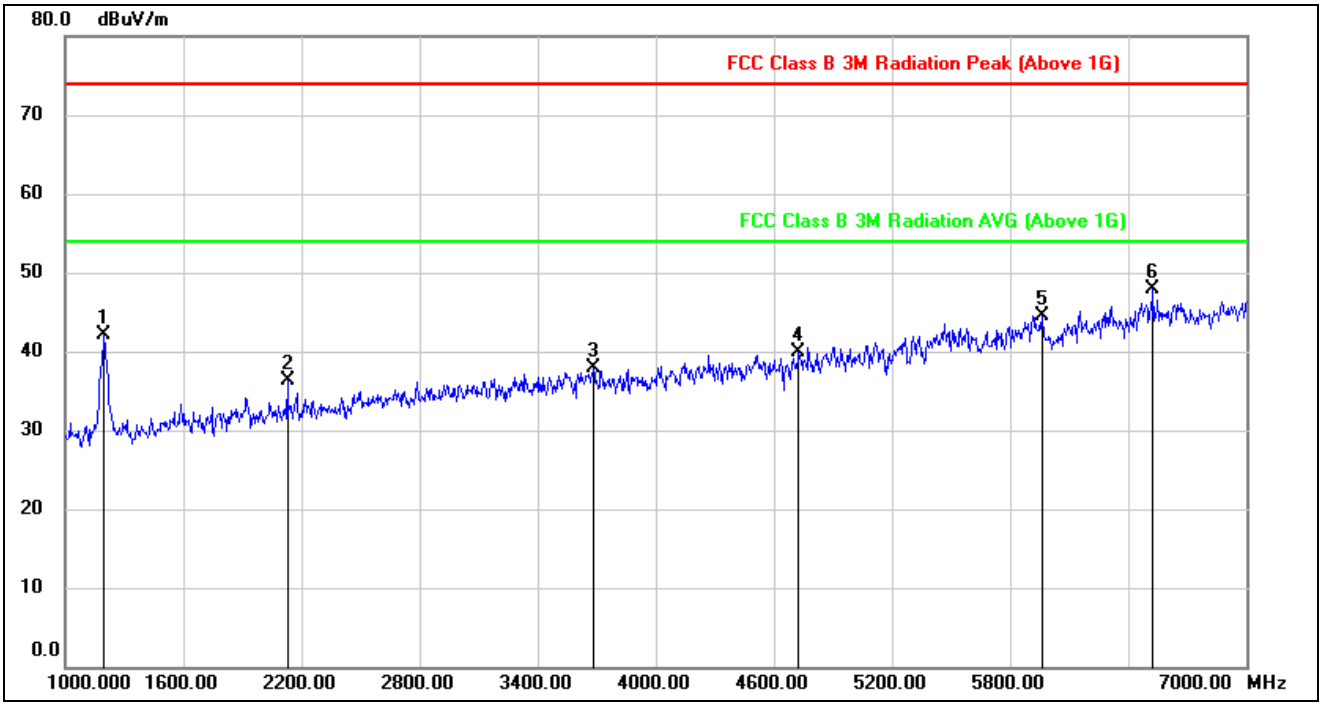
HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.000	55.61	-13.52	42.09	74.00	-31.91	peak
2	2128.000	46.33	-10.09	36.24	74.00	-37.76	peak
3	3682.000	42.19	-4.20	37.99	74.00	-36.01	peak
4	4726.000	41.13	-1.25	39.88	74.00	-34.12	peak
5	5962.000	40.60	3.89	44.49	74.00	-29.51	peak
6	6526.000	42.12	5.80	47.92	74.00	-26.08	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 then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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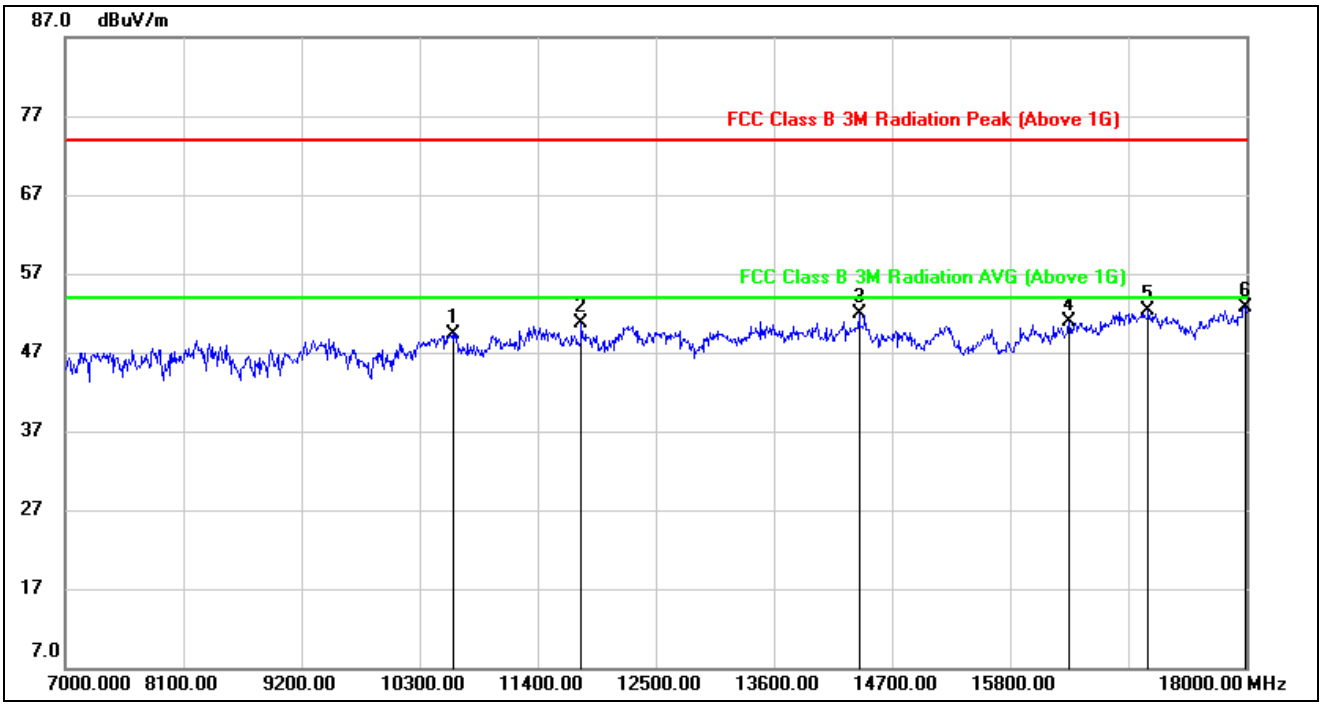
HORIZONTAL RESULTS
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	10619.000	36.39	13.01	49.40	74.00	-24.60	peak
2	11807.000	36.22	14.41	50.63	74.00	-23.37	peak
3	14392.000	35.31	16.61	51.92	74.00	-22.08	peak
4	16350.000	32.53	18.47	51.00	74.00	-23.00	peak
5	17087.000	31.43	20.90	52.33	74.00	-21.67	peak
6	17989.000	29.57	23.15	52.72	74.00	-21.28	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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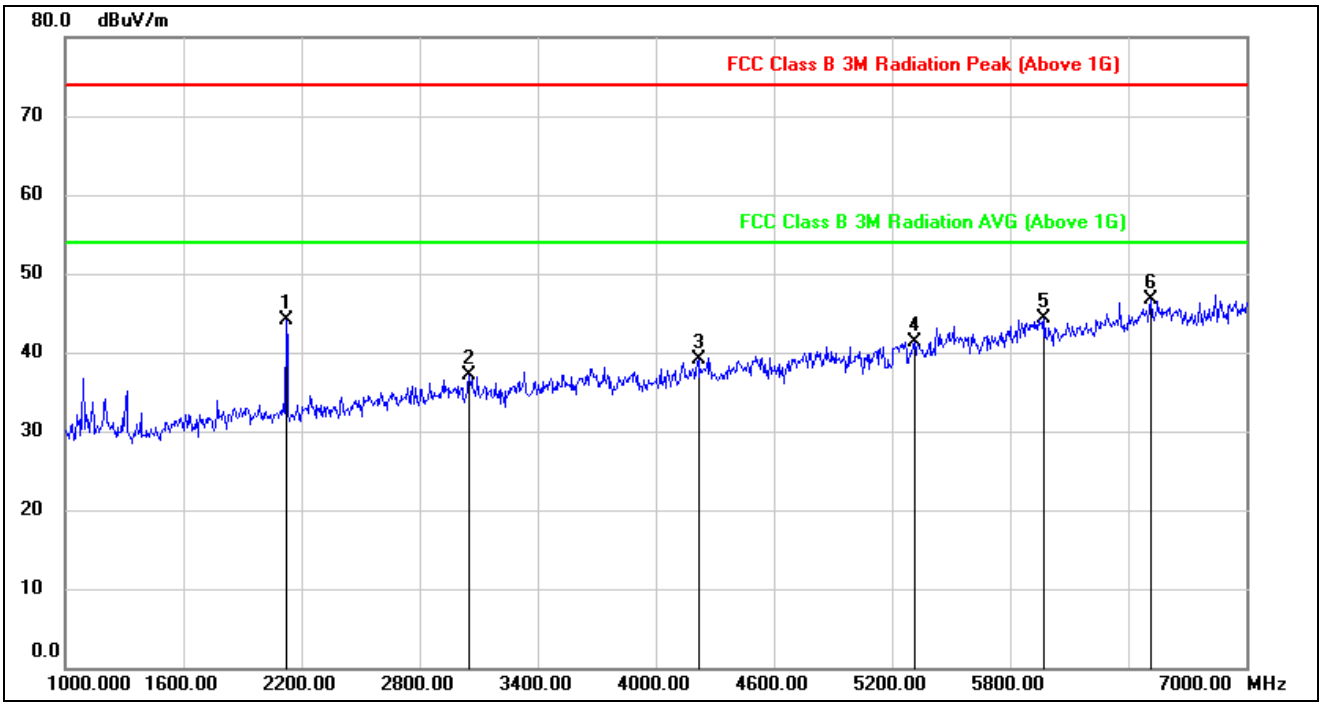
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2122.000	54.29	-10.11	44.18	74.00	-29.82	peak
2	3052.000	42.95	-5.93	37.02	74.00	-36.98	peak
3	4216.000	42.06	-2.87	39.19	74.00	-34.81	peak
4	5314.000	40.38	1.00	41.38	74.00	-32.62	peak
5	5974.000	40.58	3.70	44.28	74.00	-29.72	peak
6	6514.000	40.92	5.84	46.76	74.00	-27.24	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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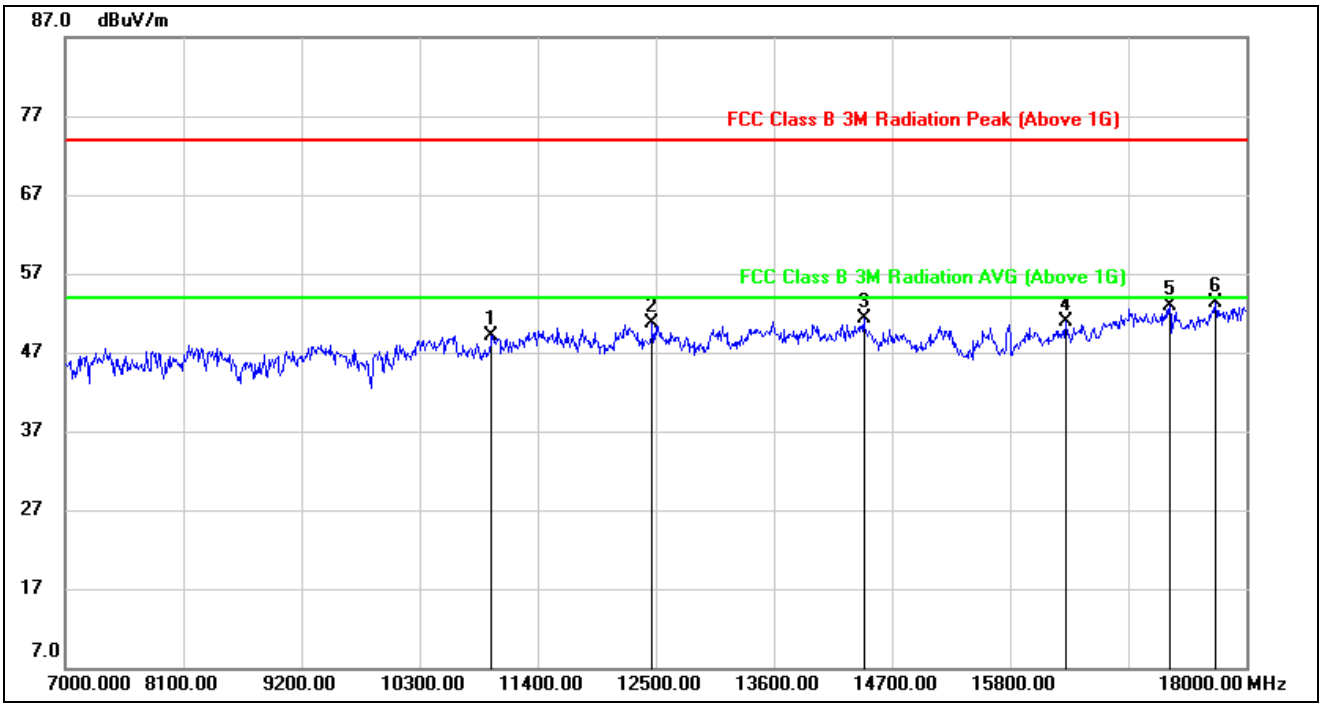
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	10971.000	35.87	13.30	49.17	74.00	-24.83	peak
2	12467.000	35.66	15.11	50.77	74.00	-23.23	peak
3	14436.000	34.68	16.58	51.26	74.00	-22.74	peak
4	16317.000	32.60	18.28	50.88	74.00	-23.12	peak
5	17285.000	31.04	21.78	52.82	74.00	-21.18	peak
6	17714.000	30.96	22.41	53.37	74.00	-20.63	peak

Note: 1. Measurement = Reading Level + 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 High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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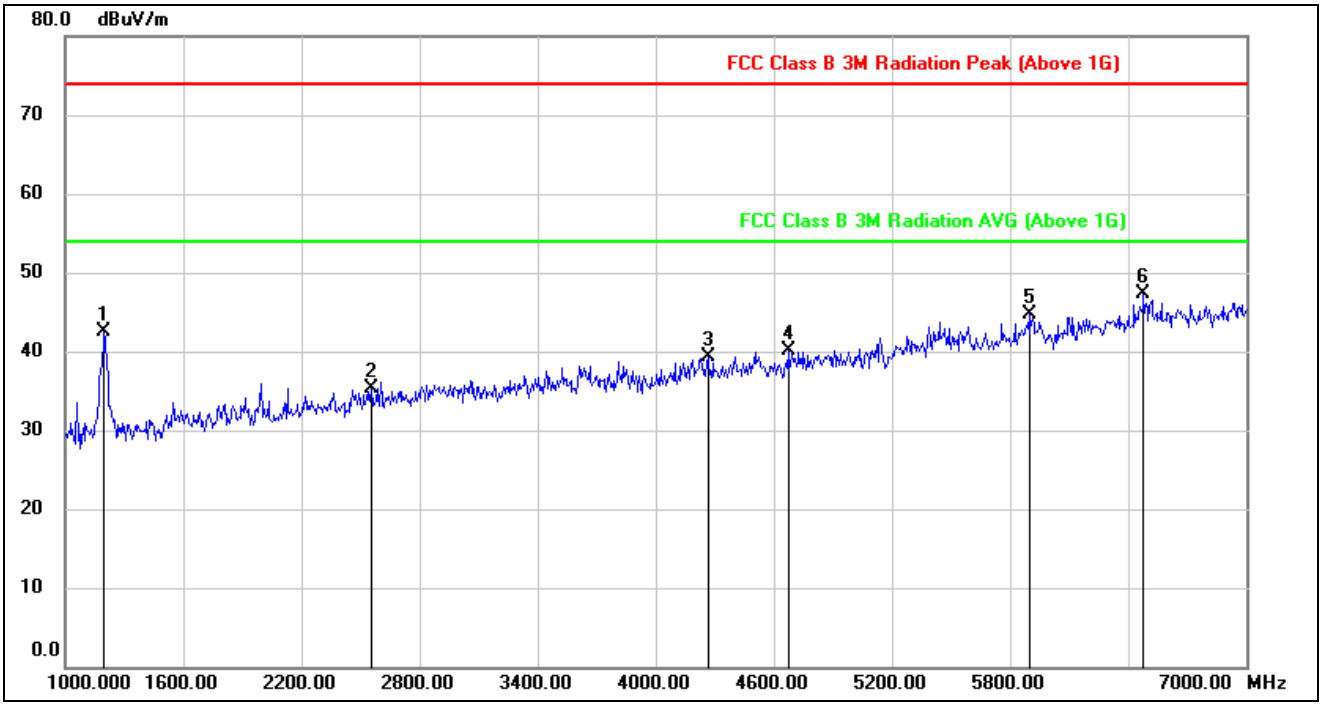
HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.000	55.96	-13.52	42.44	74.00	-31.56	peak
2	2554.000	43.74	-8.41	35.33	74.00	-38.67	peak
3	4264.000	42.38	-3.11	39.27	74.00	-34.73	peak
4	4672.000	41.66	-1.54	40.12	74.00	-33.88	peak
5	5896.000	39.90	4.79	44.69	74.00	-29.31	peak
6	6478.000	41.65	5.58	47.23	74.00	-26.77	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 then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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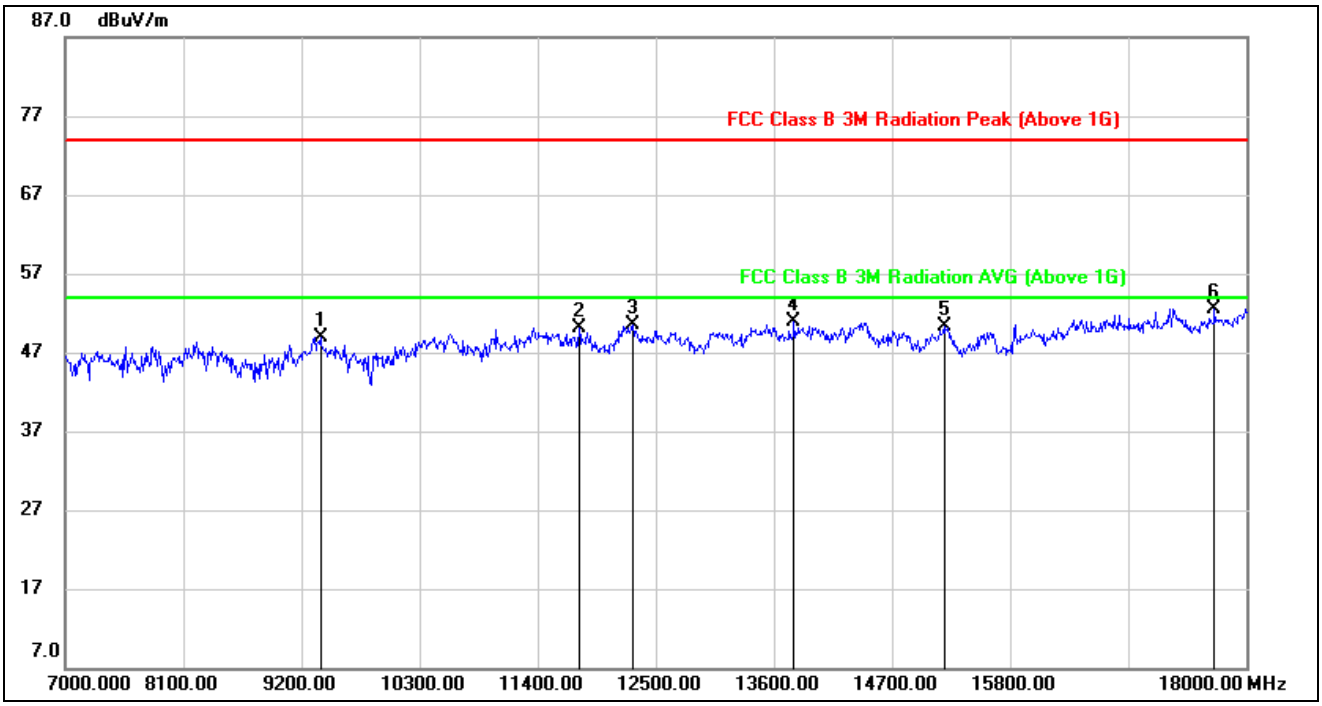
HORIZONTAL RESULTS
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	9376.000	38.28	10.64	48.92	74.00	-25.08	peak
2	11785.000	35.82	14.34	50.16	74.00	-23.84	peak
3	12291.000	35.42	15.15	50.57	74.00	-23.43	peak
4	13787.000	33.97	16.91	50.88	74.00	-23.12	peak
5	15184.000	34.56	15.78	50.34	74.00	-23.66	peak
6	17703.000	30.26	22.32	52.58	74.00	-21.42	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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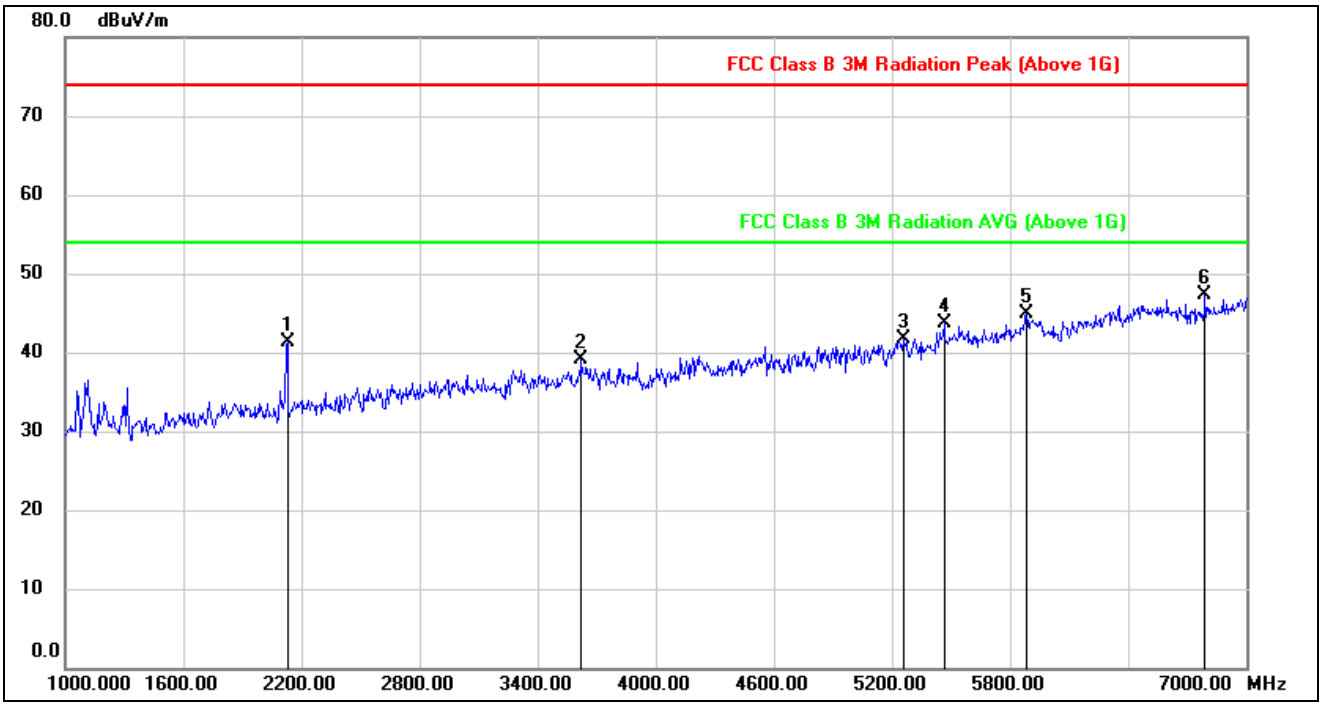
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2128.000	51.47	-10.09	41.38	74.00	-32.62	peak
2	3622.000	43.75	-4.69	39.06	74.00	-34.94	peak
3	5260.000	40.66	0.97	41.63	74.00	-32.37	peak
4	5464.000	41.82	1.80	43.62	74.00	-30.38	peak
5	5884.000	40.27	4.55	44.82	74.00	-29.18	peak
6	6790.000	41.64	5.60	47.24	74.00	-26.76	peak

Note: 1. Measurement = Reading Level + 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 then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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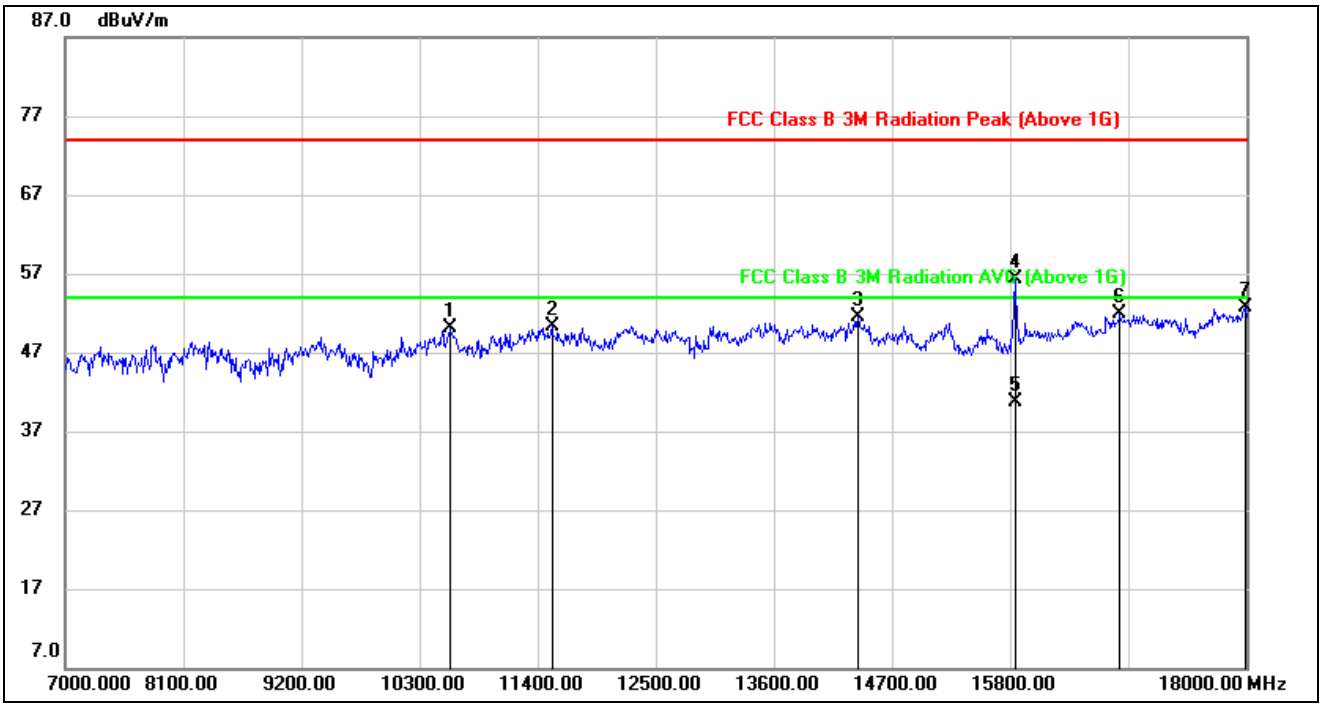
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	10586.000	37.15	13.00	50.15	74.00	-23.85	peak
2	11532.000	35.91	14.39	50.30	74.00	-23.70	peak
3	14381.000	34.93	16.59	51.52	74.00	-22.48	peak
4	15840.000	39.32	16.91	56.23	74.00	-17.77	peak
5	15840.000	23.70	16.91	40.61	54.00	-13.39	AVG
6	16823.000	31.74	20.16	51.90	74.00	-22.10	peak
7	17989.000	29.63	23.15	52.78	74.00	-21.22	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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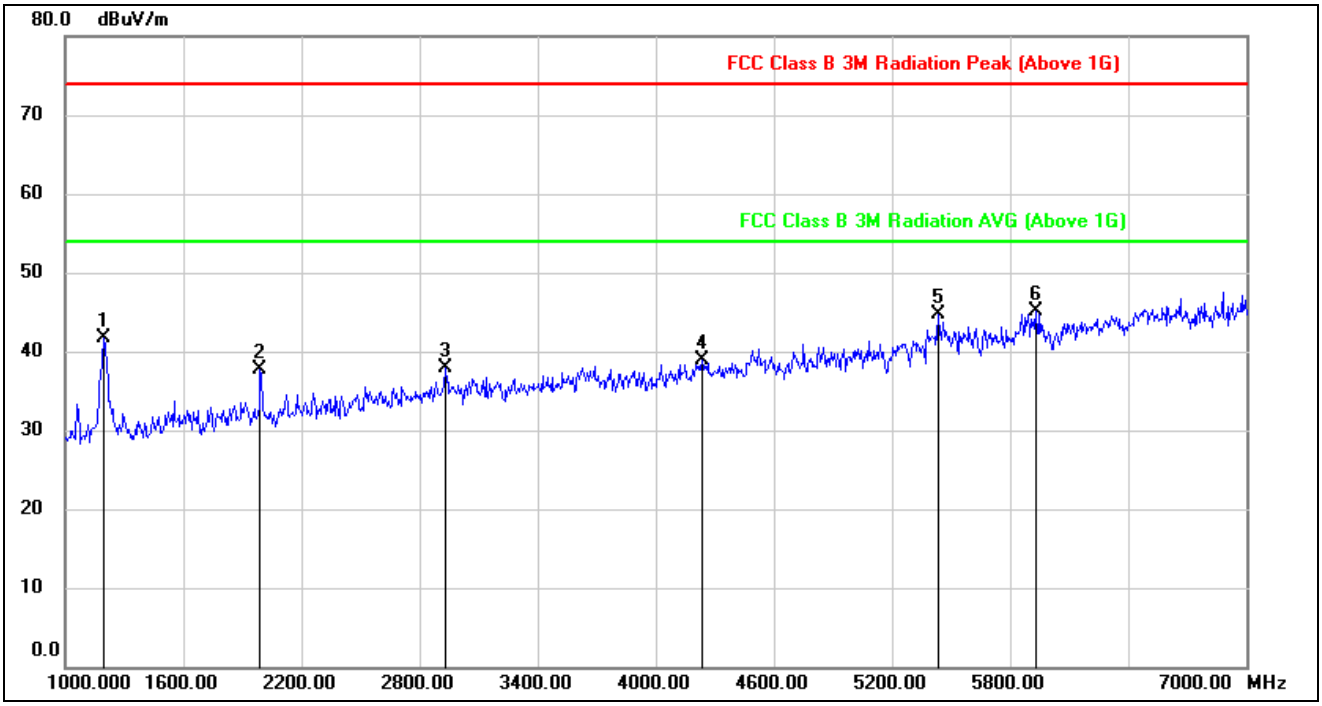
HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1192.000	55.20	-13.58	41.62	74.00	-32.38	peak
2	1990.000	48.57	-10.86	37.71	74.00	-36.29	peak
3	2932.000	44.38	-6.57	37.81	74.00	-36.19	peak
4	4234.000	41.84	-2.96	38.88	74.00	-35.12	peak
5	5434.000	43.30	1.36	44.66	74.00	-29.34	peak
6	5932.000	40.74	4.36	45.10	74.00	-28.90	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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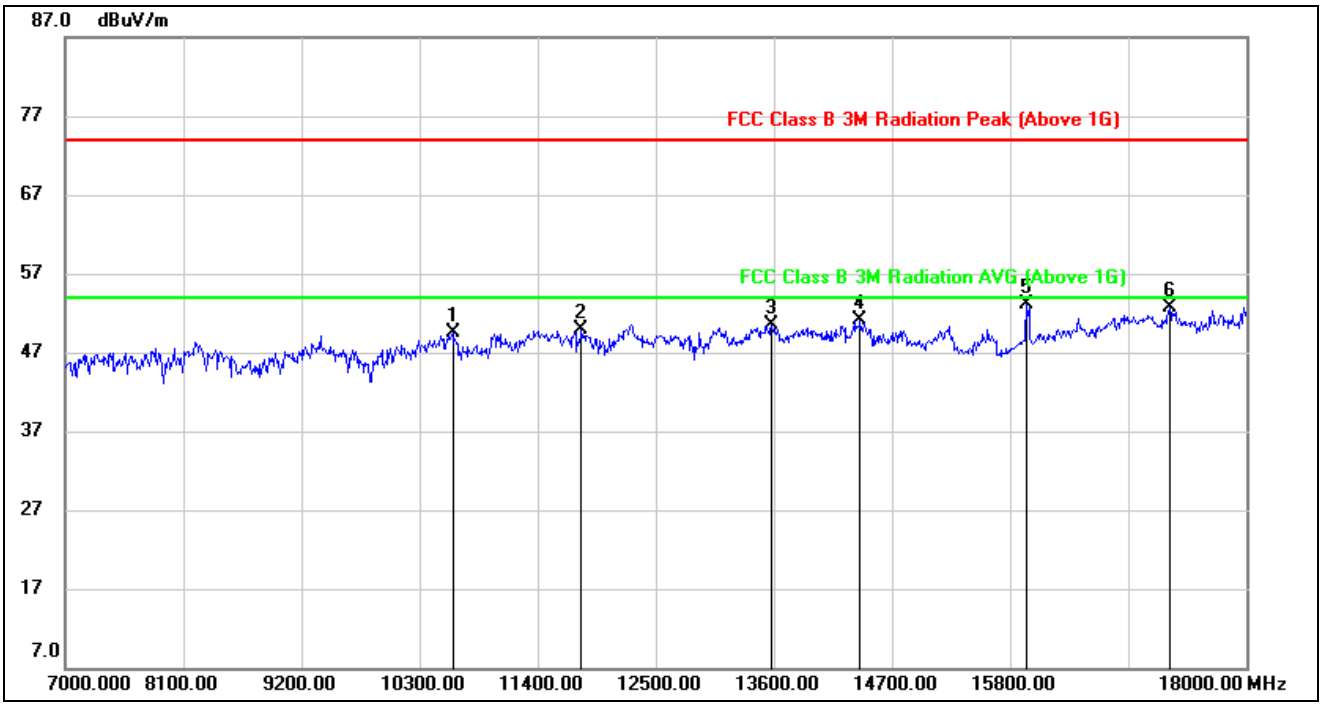
HORIZONTAL RESULTS
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	10608.000	36.40	13.08	49.48	74.00	-24.52	peak
2	11807.000	35.45	14.41	49.86	74.00	-24.14	peak
3	13578.000	34.42	16.18	50.60	74.00	-23.40	peak
4	14403.000	34.39	16.62	51.01	74.00	-22.99	peak
5	15954.000	35.82	17.27	53.09	74.00	-20.91	peak
6	17285.000	30.91	21.78	52.69	74.00	-21.31	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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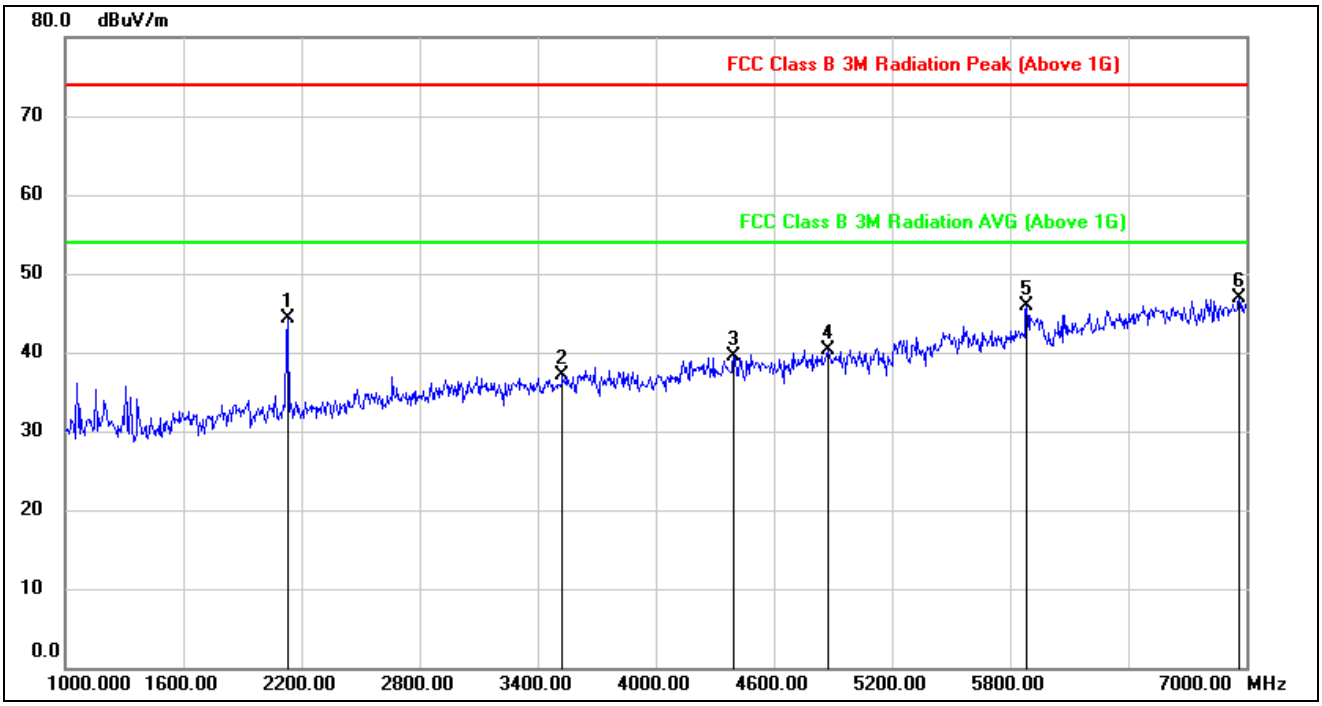
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2128.000	54.47	-10.09	44.38	74.00	-29.62	peak
2	3526.000	42.29	-5.27	37.02	74.00	-36.98	peak
3	4396.000	42.55	-3.02	39.53	74.00	-34.47	peak
4	4876.000	41.23	-0.84	40.39	74.00	-33.61	peak
5	5884.000	41.41	4.55	45.96	74.00	-28.04	peak
6	6964.000	40.46	6.38	46.84	74.00	-27.16	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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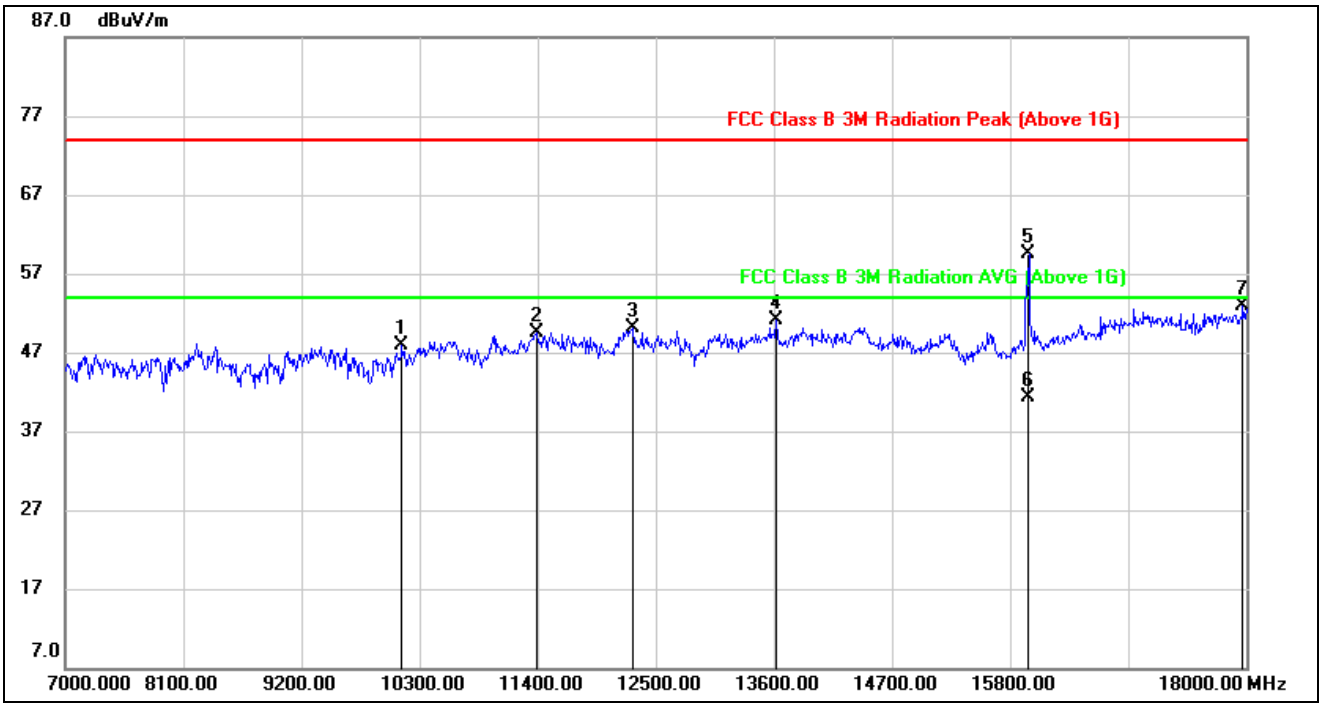
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	10135.000	36.73	11.21	47.94	74.00	-26.06	peak
2	11389.000	35.88	13.69	49.57	74.00	-24.43	peak
3	12280.000	34.92	15.12	50.04	74.00	-23.96	peak
4	13622.000	34.91	16.23	51.14	74.00	-22.86	peak
5	15960.000	42.23	17.28	59.51	74.00	-14.49	peak
6	15960.000	24.08	17.28	41.36	54.00	-12.64	AVG
7	17967.000	29.77	23.15	52.92	74.00	-21.08	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. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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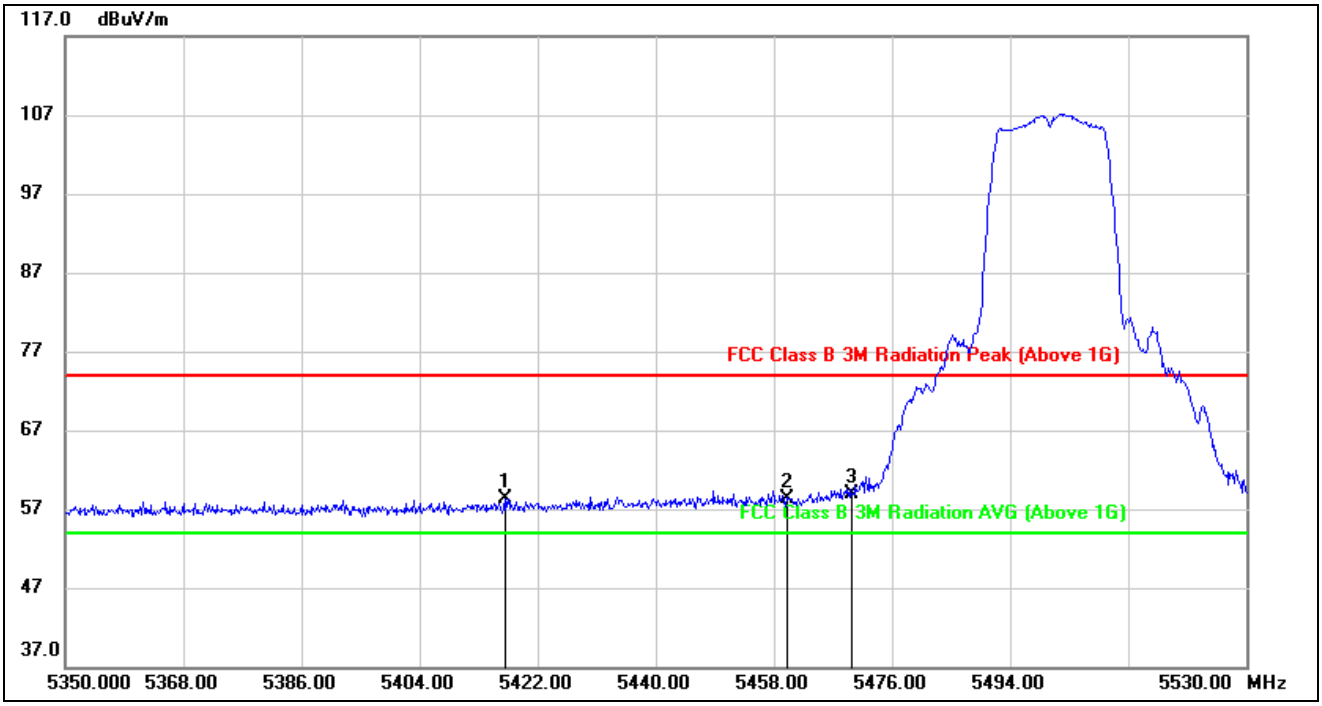
8.2.3. UNII-2C BAND

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	5416.960	17.54	40.73	58.27	74.00	-15.73	peak
2	5460.000	17.01	41.28	58.29	74.00	-15.71	peak
3	5470.000	17.54	41.41	58.95	74.00	-15.05	peak

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

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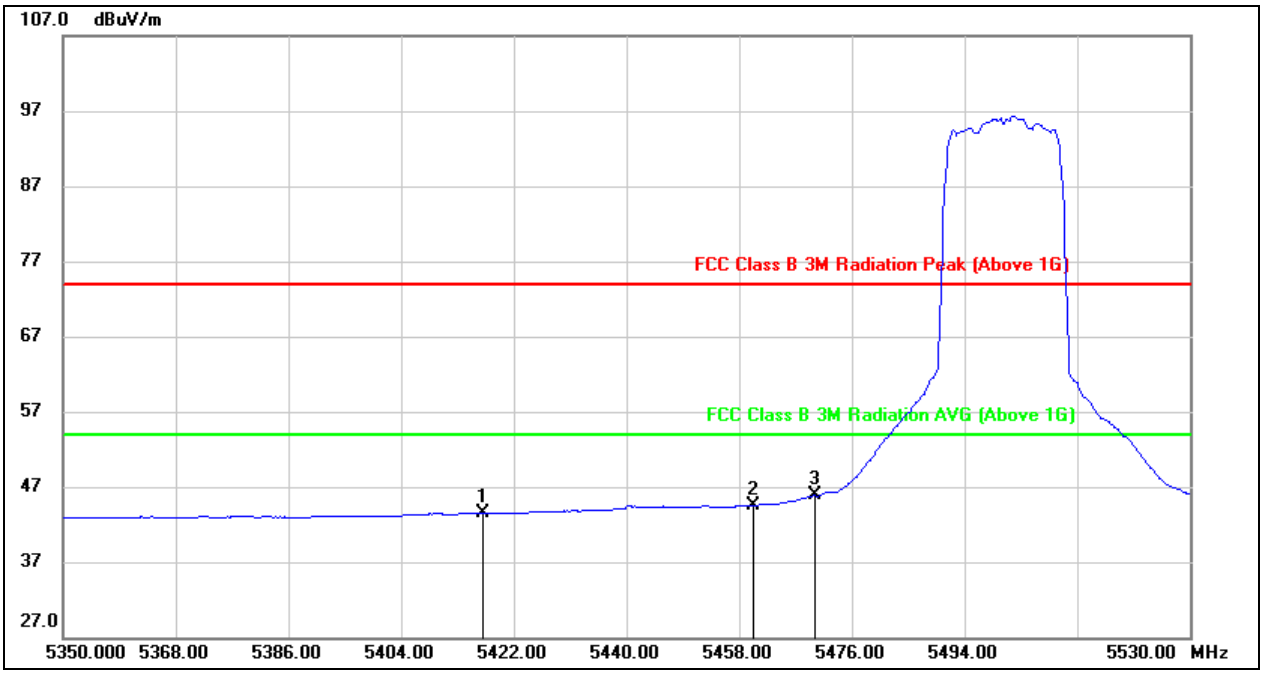
AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5416.960	2.70	40.73	43.43	54.00	-10.57	AVG
2	5460.000	3.19	41.28	44.47	54.00	-9.53	AVG
3	5470.000	4.42	41.41	45.83	54.00	-8.17	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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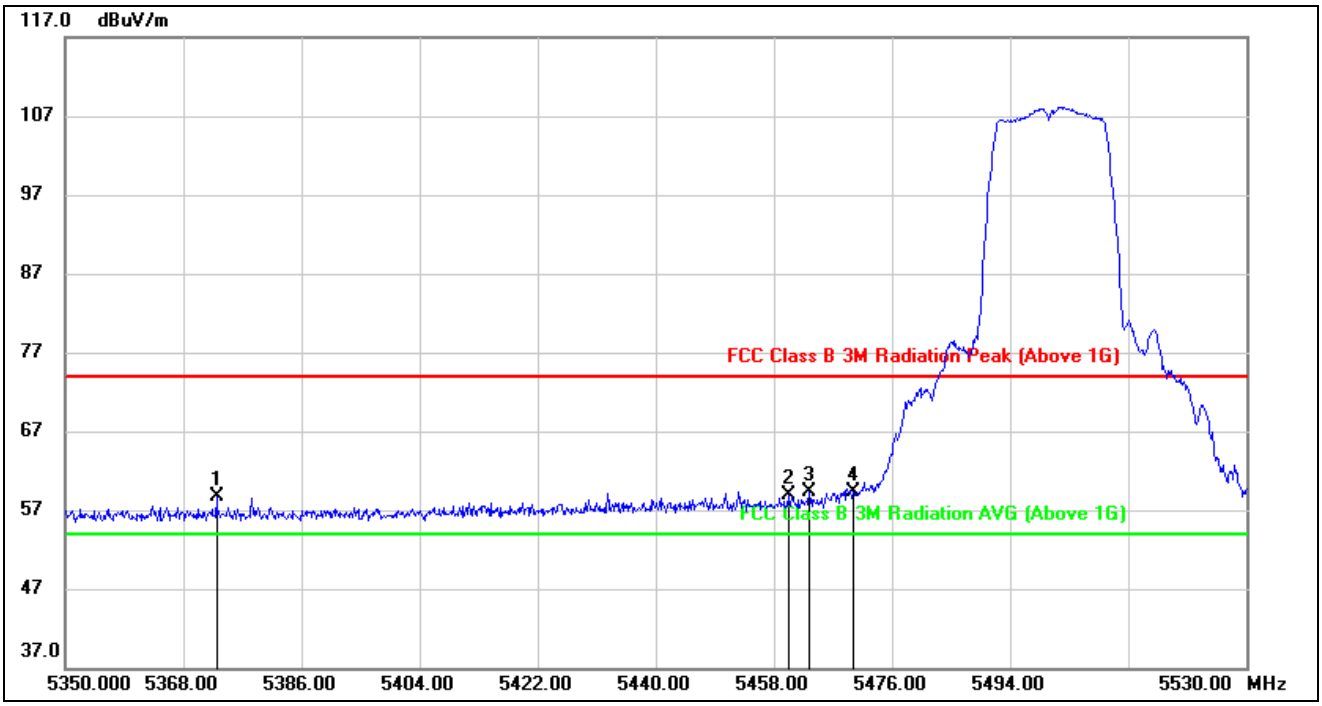
VERTICAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5373.040	18.07	40.58	58.65	74.00	-15.35	peak
2	5460.000	17.70	41.28	58.98	74.00	-15.02	peak
3	5463.400	17.89	41.33	59.22	74.00	-14.78	peak
4	5470.000	17.95	41.41	59.36	74.00	-14.64	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.*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.

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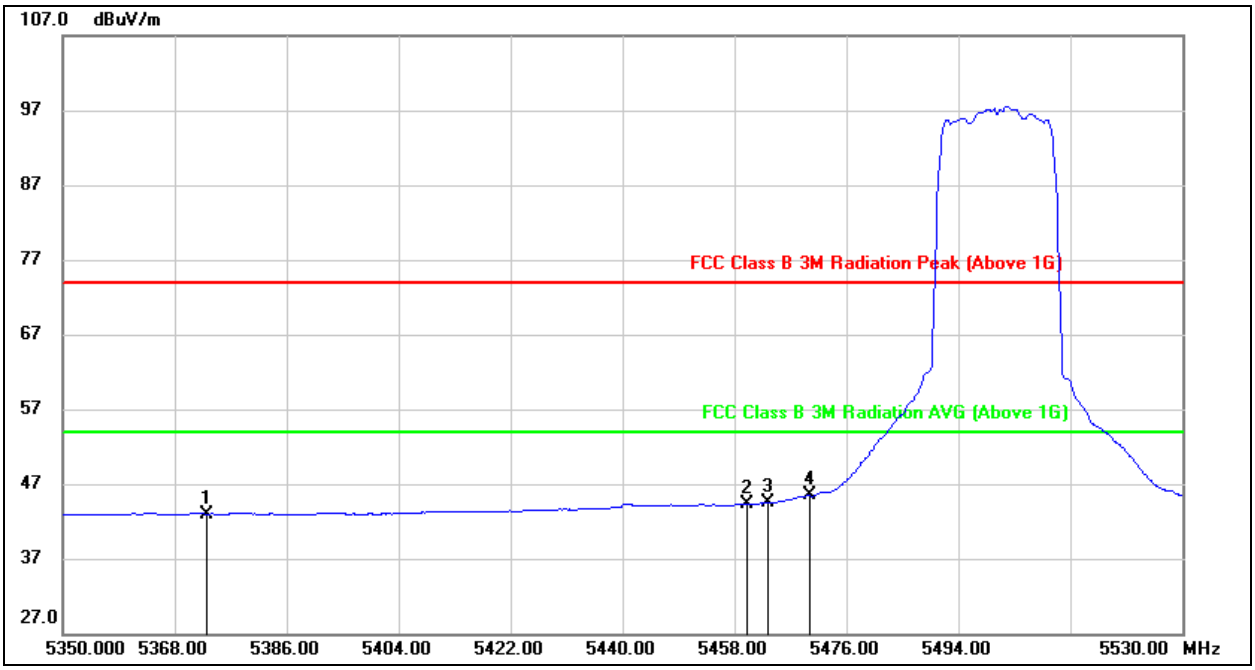
AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5373.040	2.41	40.58	42.99	54.00	-11.01	AVG
2	5460.000	2.99	41.28	44.27	54.00	-9.73	AVG
3	5463.400	3.12	41.33	44.45	54.00	-9.55	AVG
4	5470.000	4.09	41.41	45.50	54.00	-8.50	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.

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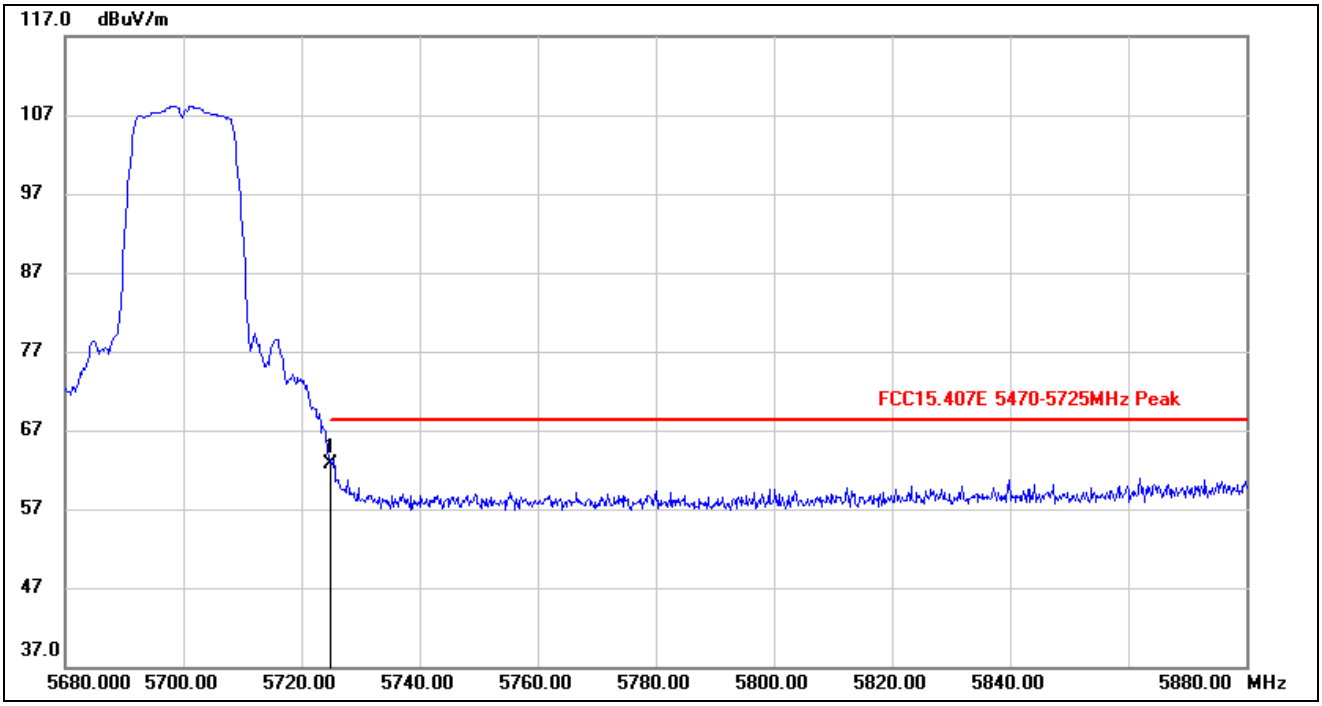
RESTRICTED BANDEDGE HIGH CHANNEL

HORIZONTAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5725.000	21.12	41.61	62.73	68.20	-5.47	peak

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

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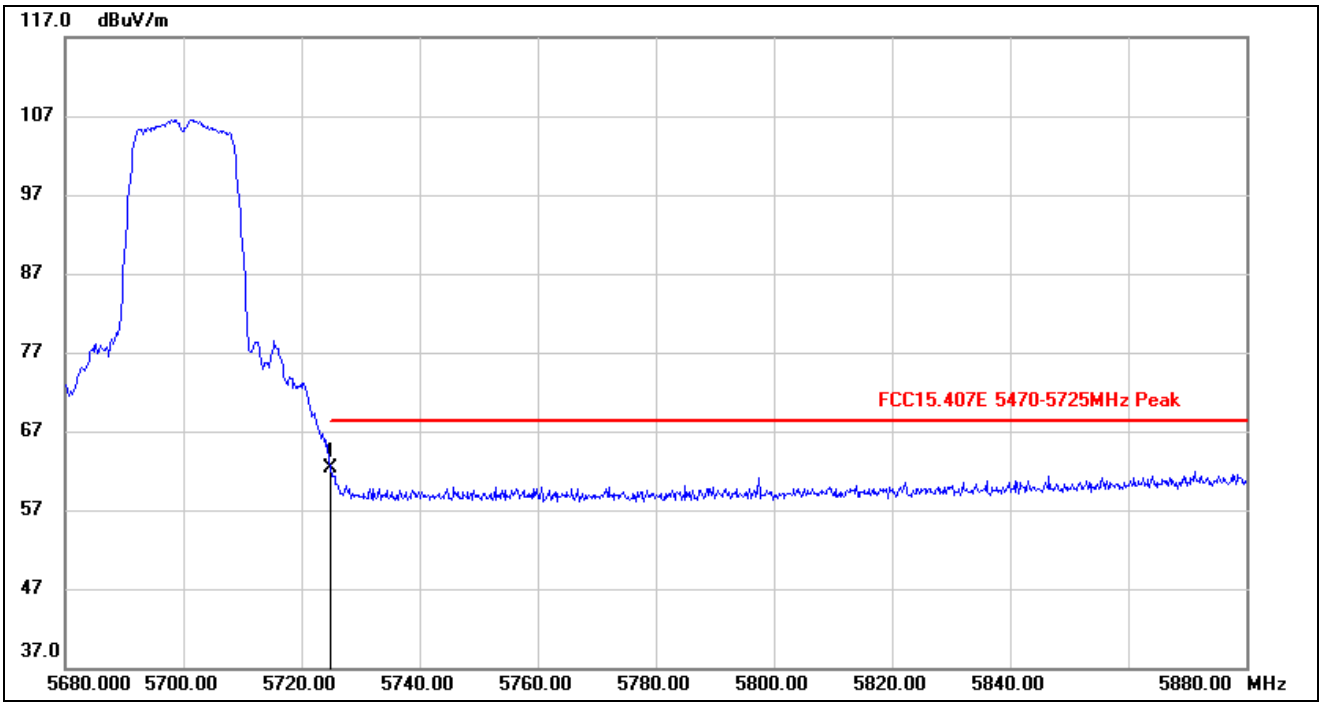
VERTICAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5725.000	20.66	41.61	62.27	68.20	-5.93	peak

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

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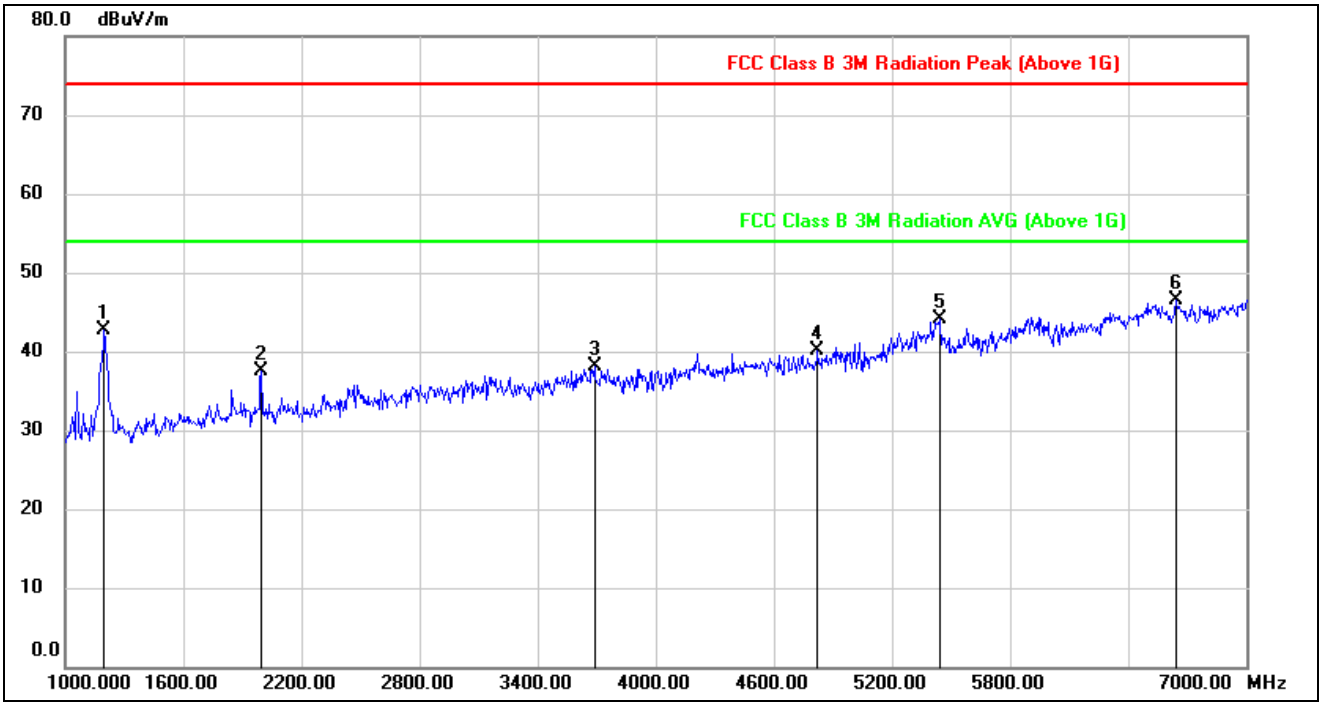
HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.000	56.14	-13.52	42.62	74.00	-31.38	peak
2	1996.000	48.43	-10.86	37.57	74.00	-36.43	peak
3	3688.000	42.21	-4.14	38.07	74.00	-35.93	peak
4	4822.000	41.06	-0.91	40.15	74.00	-33.85	peak
5	5440.000	42.59	1.45	44.04	74.00	-29.96	peak
6	6640.000	40.89	5.55	46.44	74.00	-27.56	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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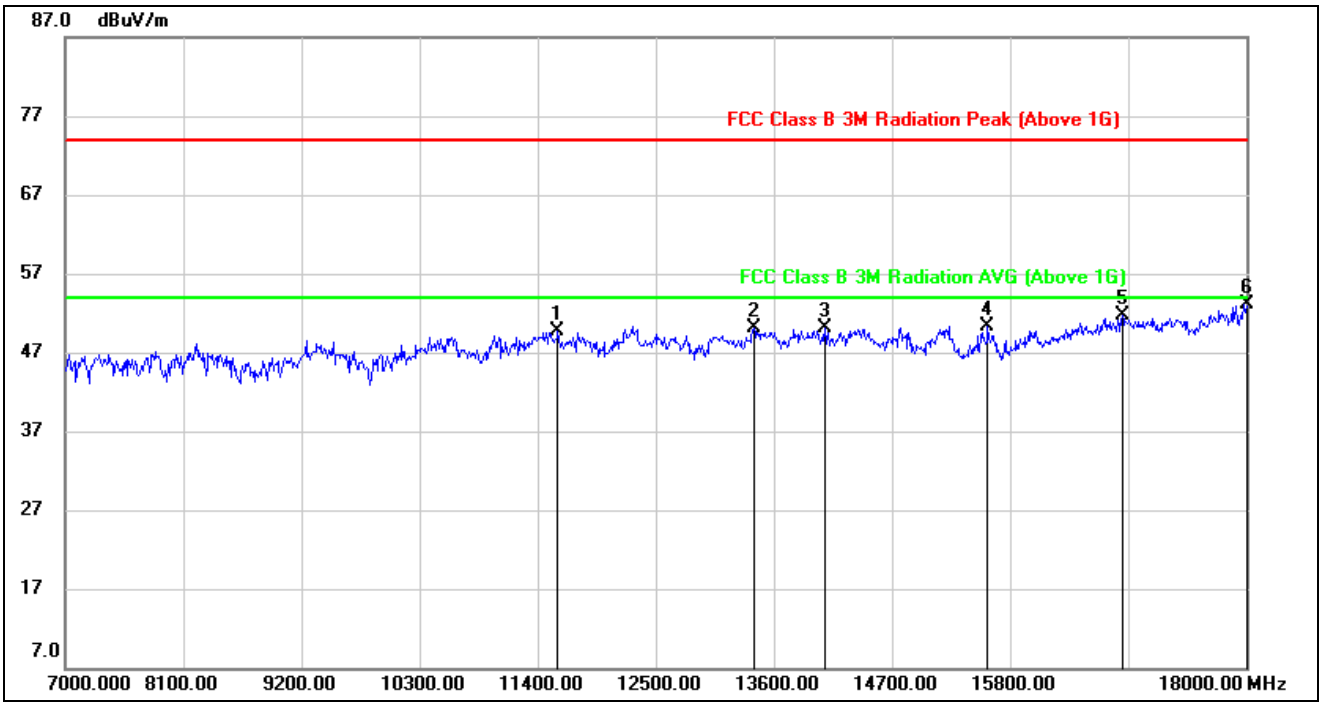
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11587.000	35.29	14.34	49.63	74.00	-24.37	peak
2	13413.000	33.88	16.17	50.05	74.00	-23.95	peak
3	14073.000	33.56	16.50	50.06	74.00	-23.94	peak
4	15591.000	33.48	16.86	50.34	74.00	-23.66	peak
5	16845.000	31.42	20.20	51.62	74.00	-22.38	peak
6	18000.000	30.03	23.15	53.18	74.00	-20.82	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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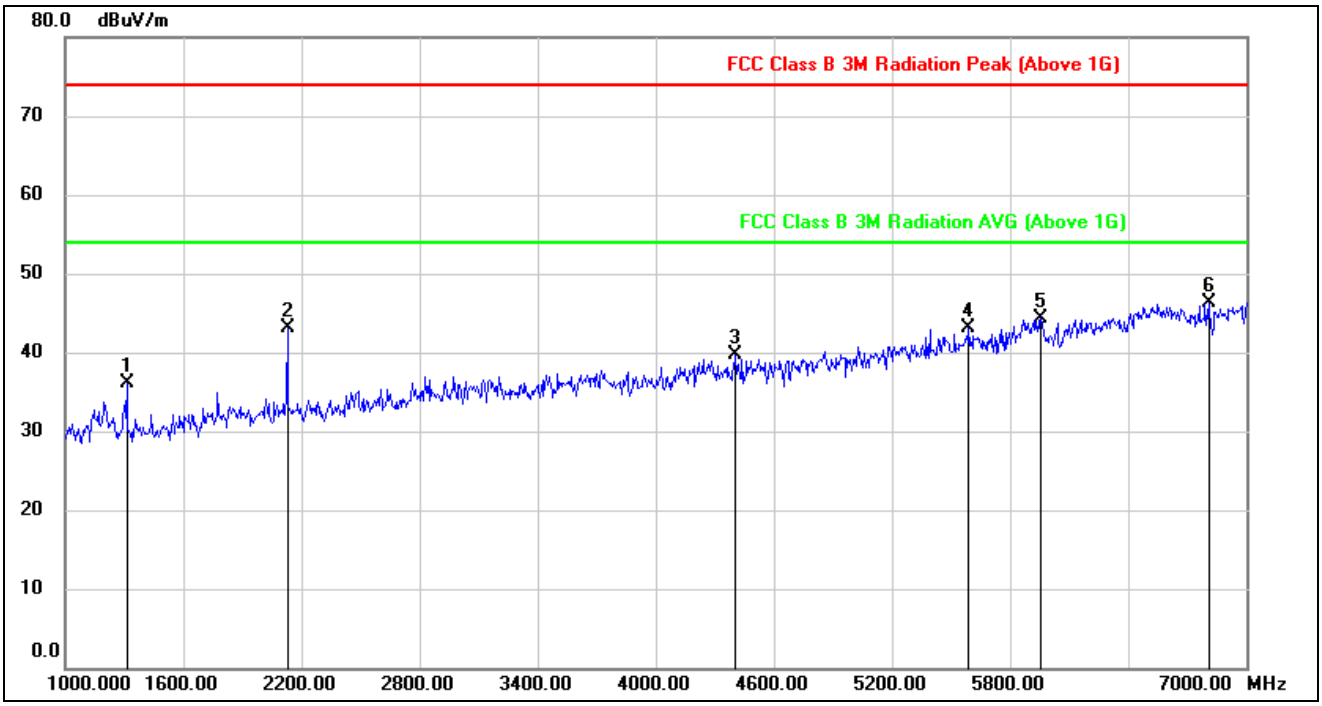
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1312.000	49.28	-13.15	36.13	74.00	-37.87	peak
2	2128.000	53.26	-10.09	43.17	74.00	-30.83	peak
3	4402.000	42.66	-3.00	39.66	74.00	-34.34	peak
4	5590.000	40.95	2.14	43.09	74.00	-30.91	peak
5	5956.000	40.25	3.99	44.24	74.00	-29.76	peak
6	6808.000	40.60	5.66	46.26	74.00	-27.74	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 then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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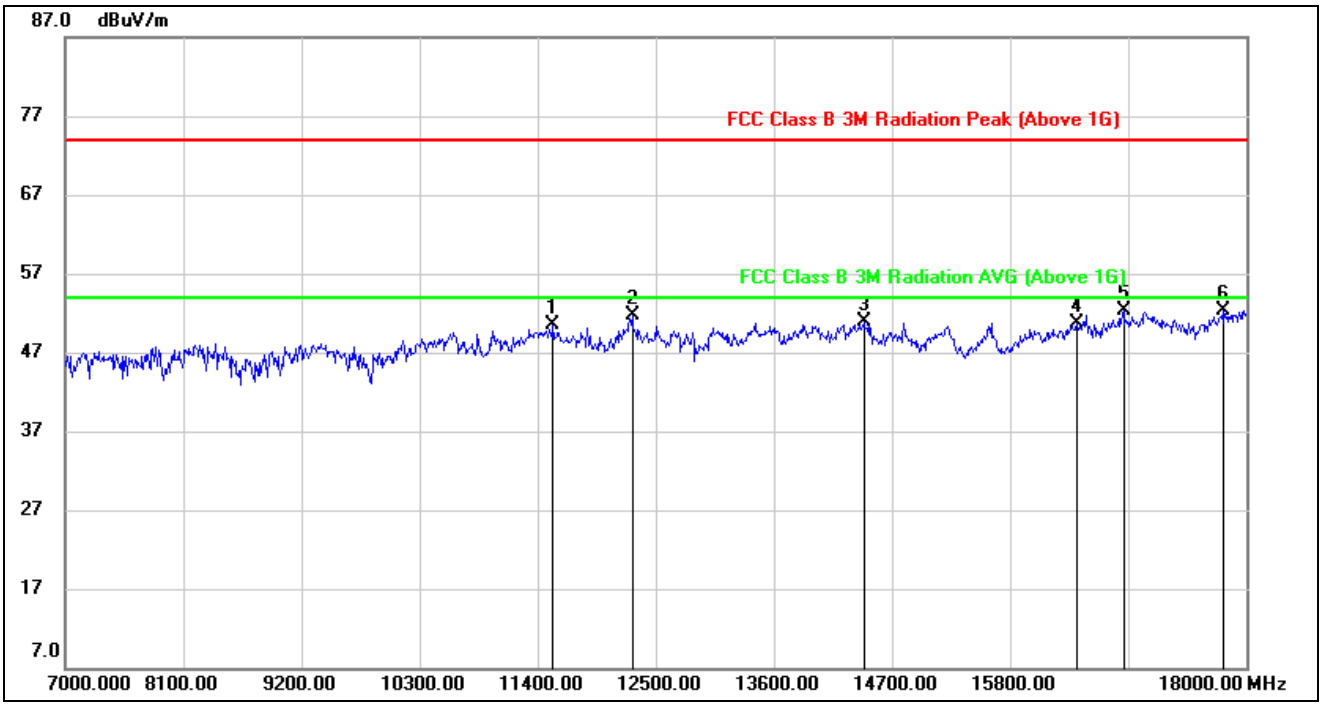
VERTICAL RESULTS
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	11543.000	36.14	14.38	50.52	74.00	-23.48	peak
2	12280.000	36.50	15.12	51.62	74.00	-22.38	peak
3	14436.000	34.28	16.58	50.86	74.00	-23.14	peak
4	16416.000	31.87	18.81	50.68	74.00	-23.32	peak
5	16856.000	32.01	20.22	52.23	74.00	-21.77	peak
6	17780.000	29.31	23.01	52.32	74.00	-21.68	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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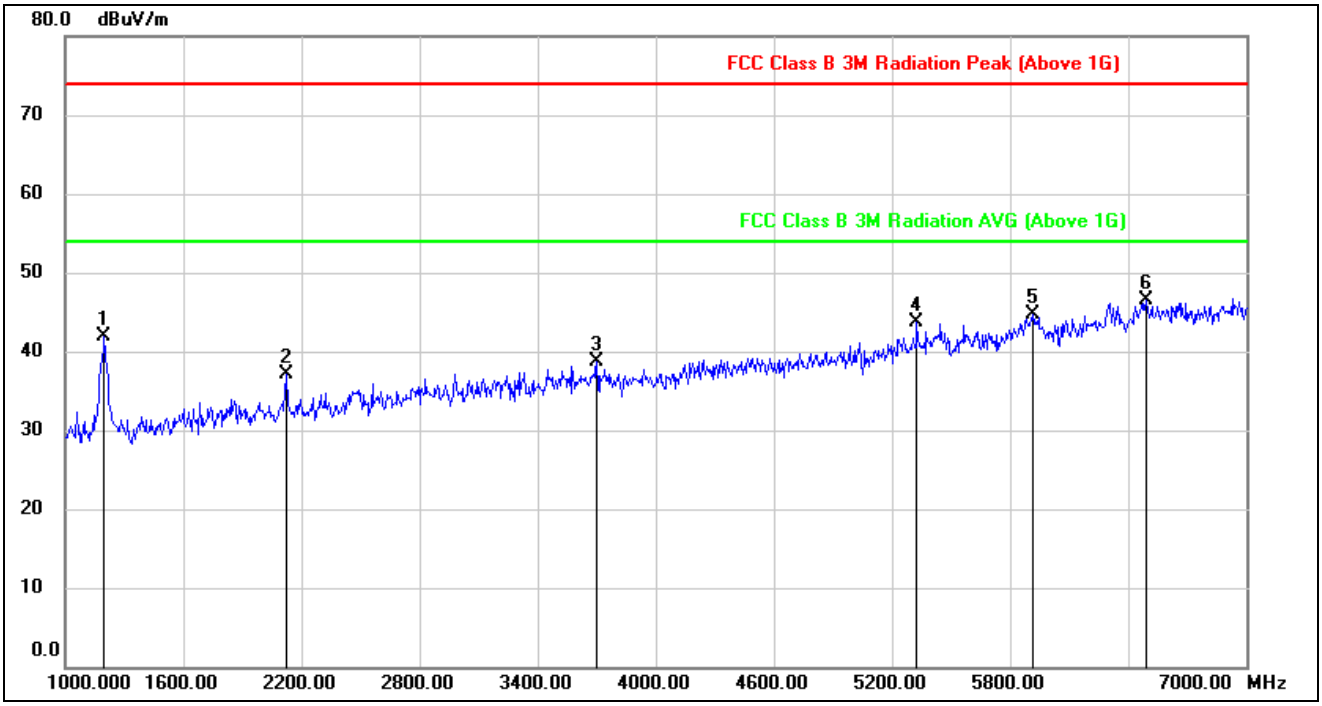
HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.000	55.41	-13.52	41.89	74.00	-32.11	peak
2	2122.000	47.28	-10.11	37.17	74.00	-36.83	peak
3	3700.000	42.68	-4.04	38.64	74.00	-35.36	peak
4	5326.000	42.63	0.98	43.61	74.00	-30.39	peak
5	5914.000	40.01	4.65	44.66	74.00	-29.34	peak
6	6490.000	40.83	5.75	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. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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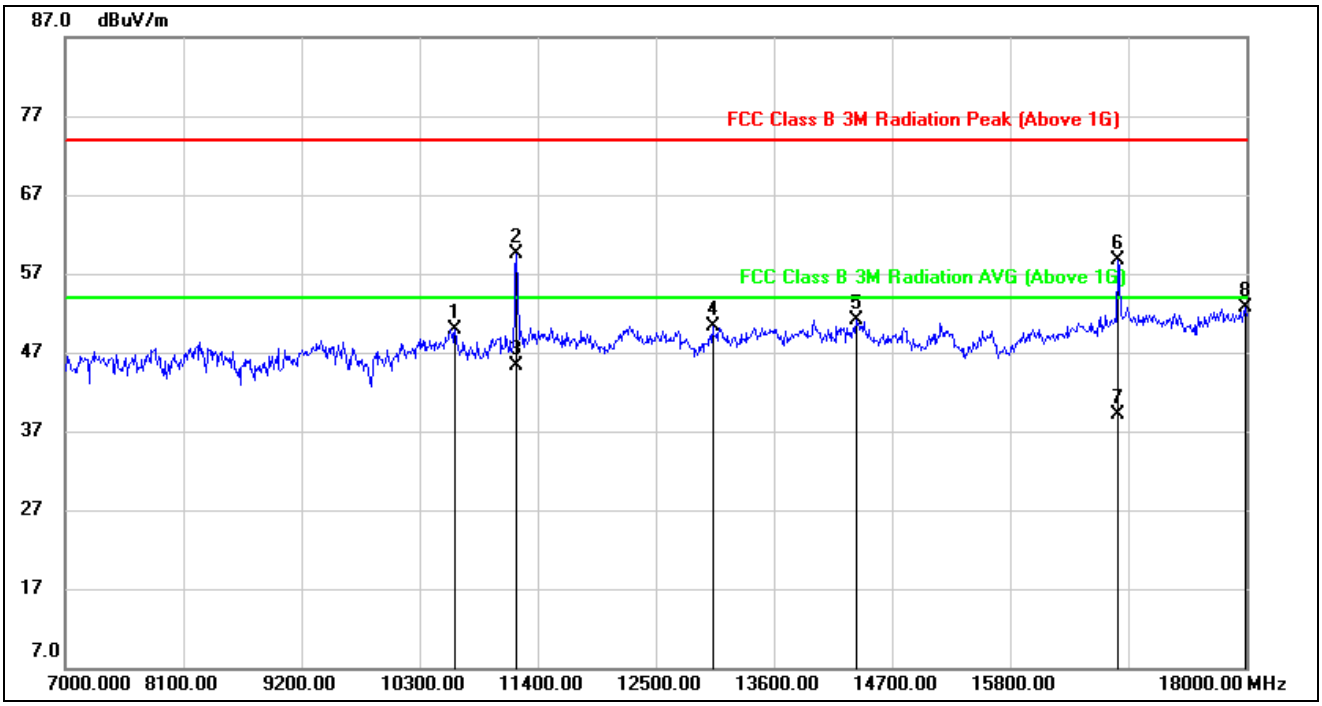
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10630.000	37.02	12.94	49.96	74.00	-24.04	peak
2	11199.852	45.96	13.47	59.43	74.00	-14.57	peak
3	11199.852	31.90	13.47	45.37	54.00	-8.63	AVG
4	13028.000	35.13	15.10	50.23	74.00	-23.77	peak
5	14370.000	34.53	16.57	51.10	74.00	-22.90	peak
6	16800.000	38.63	20.11	58.74	74.00	-15.26	peak
7	16800.000	18.99	20.11	39.10	54.00	-14.90	AVG
8	17989.000	29.59	23.15	52.74	74.00	-21.26	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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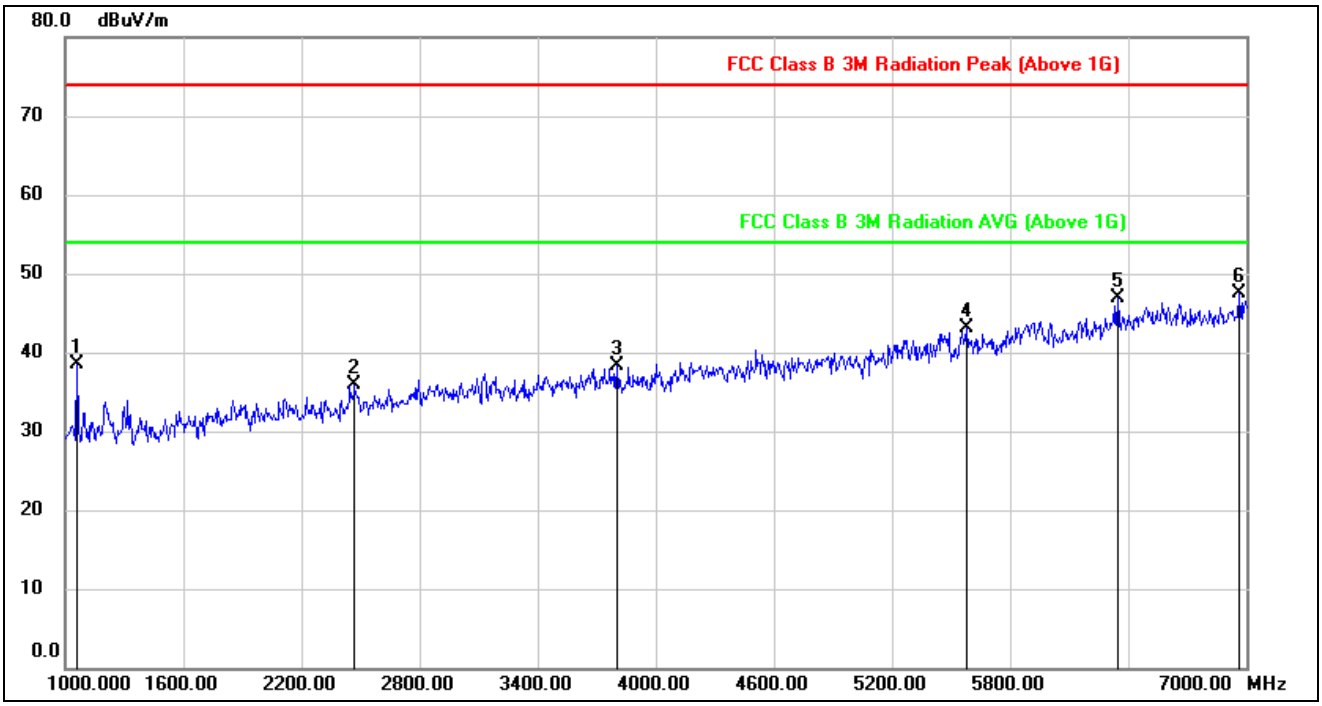
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1060.000	53.06	-14.51	38.55	74.00	-35.45	peak
2	2470.000	44.33	-8.42	35.91	74.00	-38.09	peak
3	3802.000	42.48	-4.22	38.26	74.00	-35.74	peak
4	5578.000	40.88	2.16	43.04	74.00	-30.96	peak
5	6346.000	42.61	4.32	46.93	74.00	-27.07	peak
6	6964.000	41.04	6.38	47.42	74.00	-26.58	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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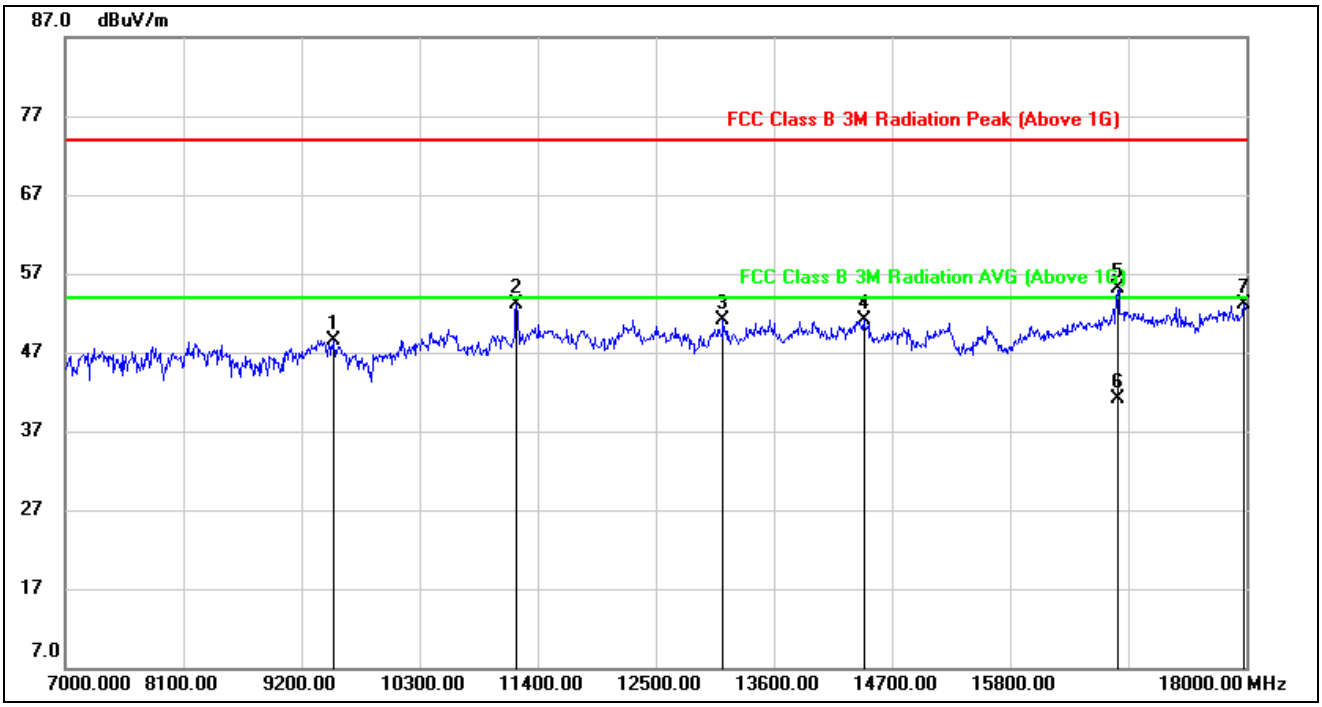
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	9497.000	37.89	10.69	48.58	74.00	-25.42	peak
2	11202.000	39.69	13.46	53.15	74.00	-20.85	peak
3	13127.000	35.81	15.30	51.11	74.00	-22.89	peak
4	14436.000	34.61	16.58	51.19	74.00	-22.81	peak
5	16800.000	34.98	20.11	55.09	74.00	-18.91	peak
6	16800.000	21.01	20.11	41.12	54.00	-12.88	AVG
7	17978.000	30.04	23.15	53.19	74.00	-20.81	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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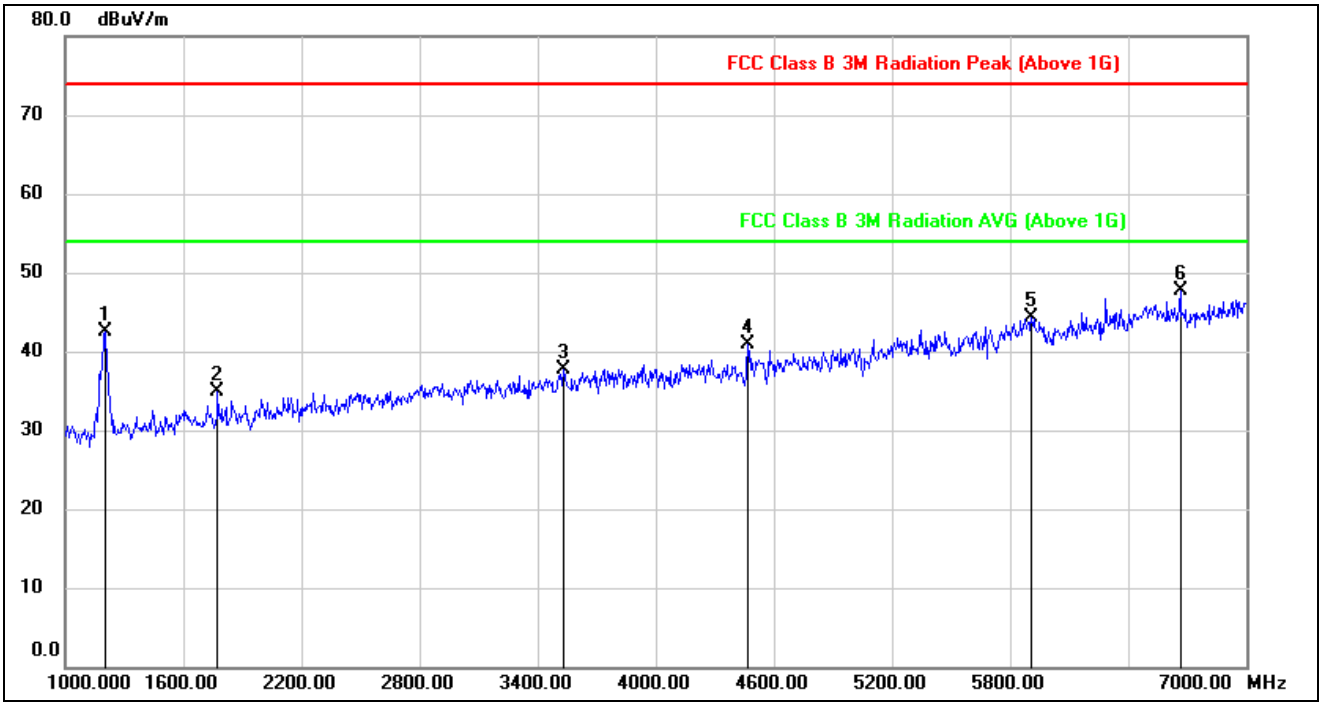
HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1204.000	56.00	-13.49	42.51	74.00	-31.49	peak
2	1774.000	46.04	-11.20	34.84	74.00	-39.16	peak
3	3532.000	43.02	-5.23	37.79	74.00	-36.21	peak
4	4468.000	43.26	-2.39	40.87	74.00	-33.13	peak
5	5908.000	39.60	4.75	44.35	74.00	-29.65	peak
6	6664.000	42.22	5.58	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 then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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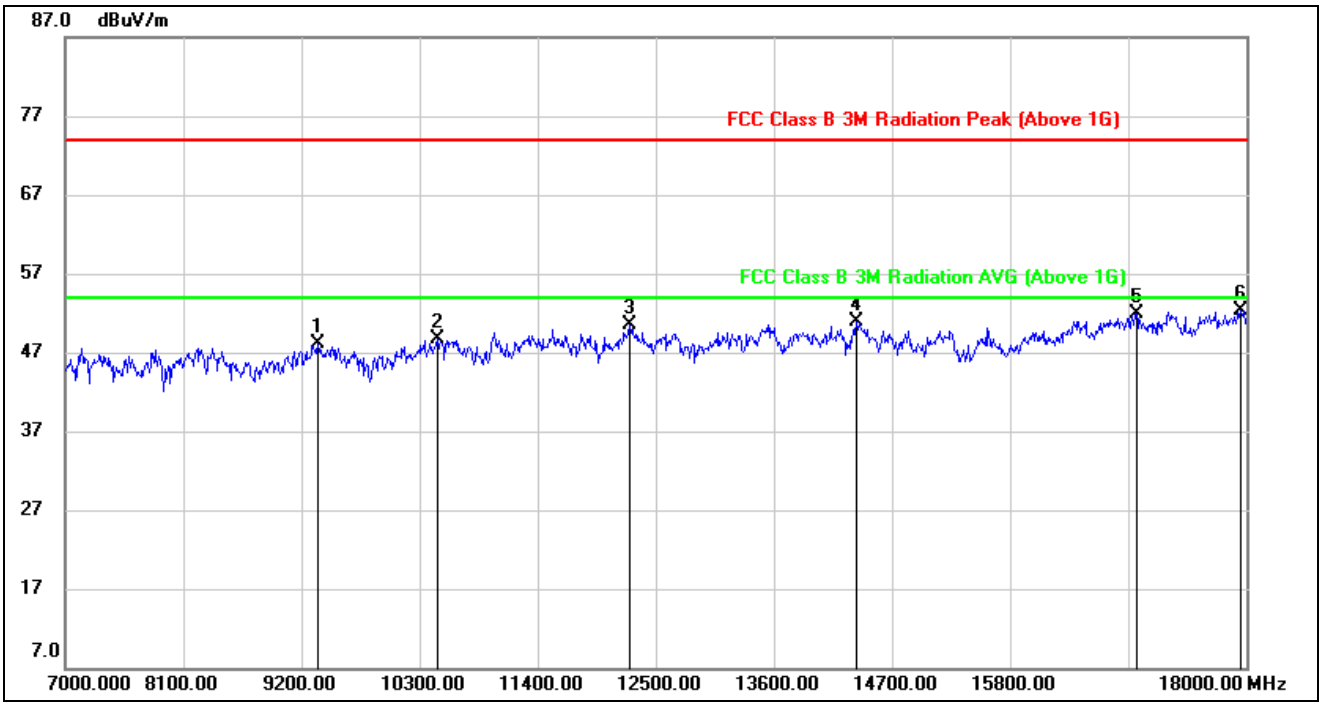
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9354.000	37.55	10.53	48.08	74.00	-25.92	peak
2	10465.000	36.78	11.97	48.75	74.00	-25.25	peak
3	12258.000	35.52	15.07	50.59	74.00	-23.41	peak
4	14370.000	34.32	16.57	50.89	74.00	-23.11	peak
5	16977.000	31.38	20.62	52.00	74.00	-22.00	peak
6	17945.000	29.21	23.15	52.36	74.00	-21.64	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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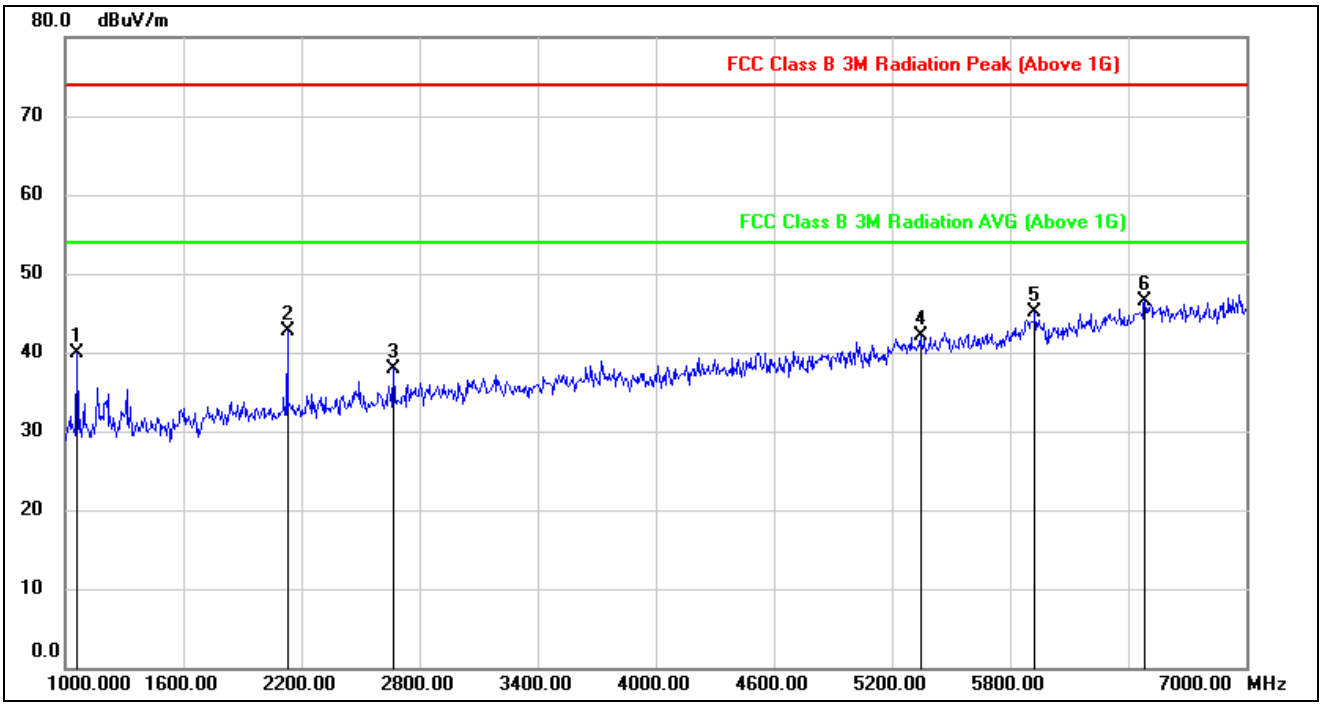
VERTICAL RESULTS
1-7GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1060.000	54.36	-14.51	39.85	74.00	-34.15	peak
2	2128.000	52.73	-10.09	42.64	74.00	-31.36	peak
3	2668.000	46.13	-8.13	38.00	74.00	-36.00	peak
4	5344.000	41.09	0.95	42.04	74.00	-31.96	peak
5	5926.000	40.56	4.46	45.02	74.00	-28.98	peak
6	6484.000	40.75	5.67	46.42	74.00	-27.58	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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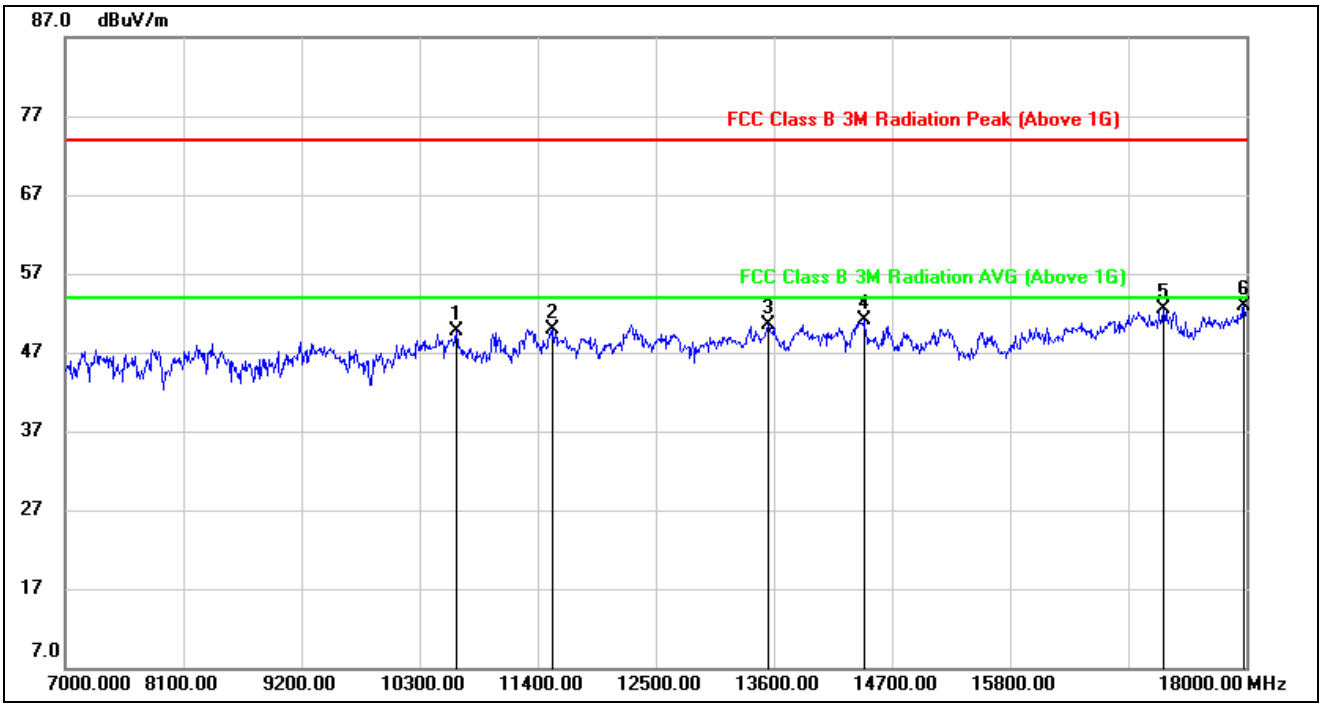
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	10641.000	36.87	12.86	49.73	74.00	-24.27	peak
2	11543.000	35.46	14.38	49.84	74.00	-24.16	peak
3	13545.000	34.44	16.06	50.50	74.00	-23.50	peak
4	14436.000	34.48	16.58	51.06	74.00	-22.94	peak
5	17230.000	31.13	21.30	52.43	74.00	-21.57	peak
6	17978.000	29.76	23.15	52.91	74.00	-21.09	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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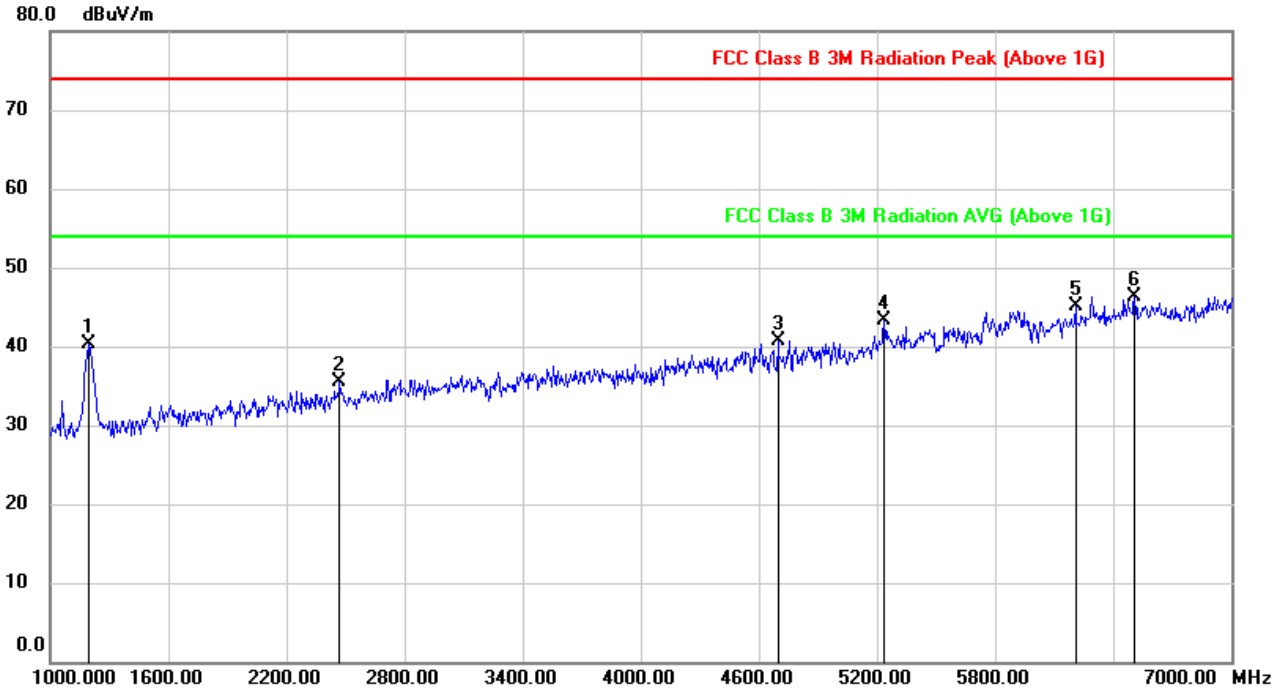
8.2.4. STRADDLE CHANNEL 144

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	1198.000	53.78	-13.52	40.26	74.00	-33.74	peak
2	2470.000	43.93	-8.42	35.51	74.00	-38.49	peak
3	4696.000	42.04	-1.39	40.65	74.00	-33.35	peak
4	5236.000	42.33	0.95	43.28	74.00	-30.72	peak
5	6208.000	41.38	3.78	45.16	74.00	-28.84	peak
6	6508.000	40.43	5.85	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 then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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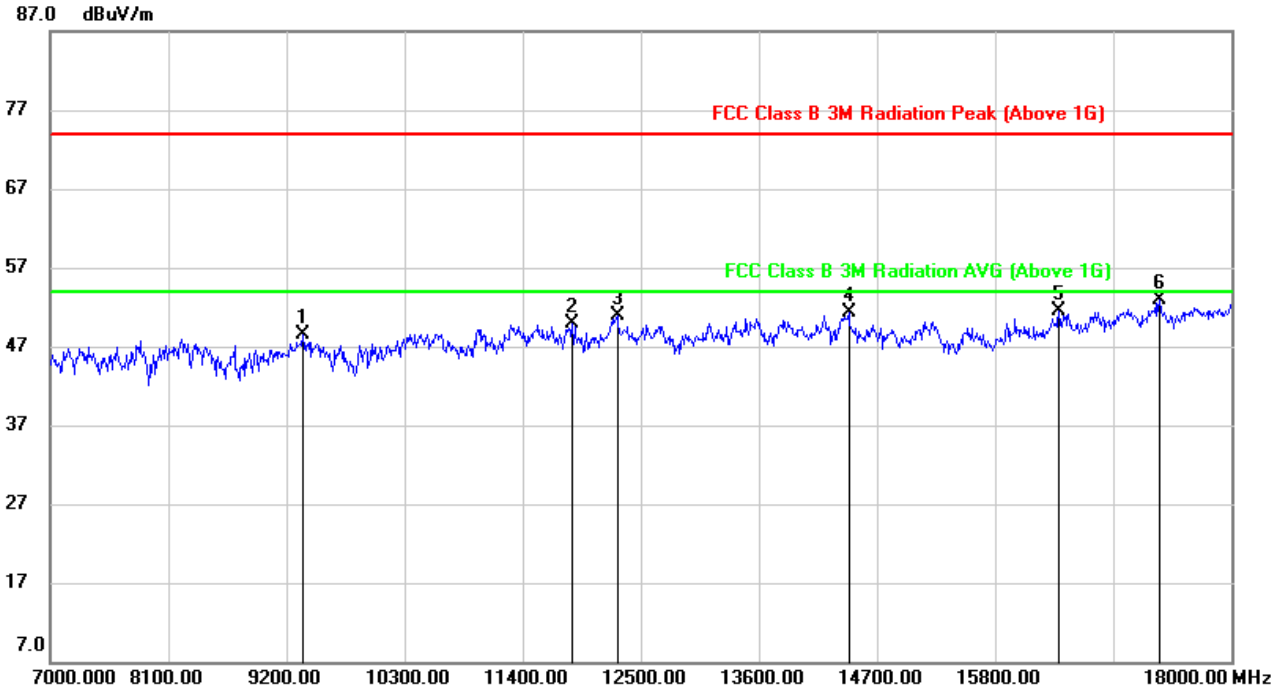
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9354.000	37.89	10.53	48.42	74.00	-25.58	peak
2	11862.000	35.31	14.54	49.85	74.00	-24.15	peak
3	12280.000	35.77	15.12	50.89	74.00	-23.11	peak
4	14436.000	34.65	16.58	51.23	74.00	-22.77	peak
5	16394.000	32.81	18.70	51.51	74.00	-22.49	peak
6	17329.000	31.05	21.81	52.86	74.00	-21.14	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. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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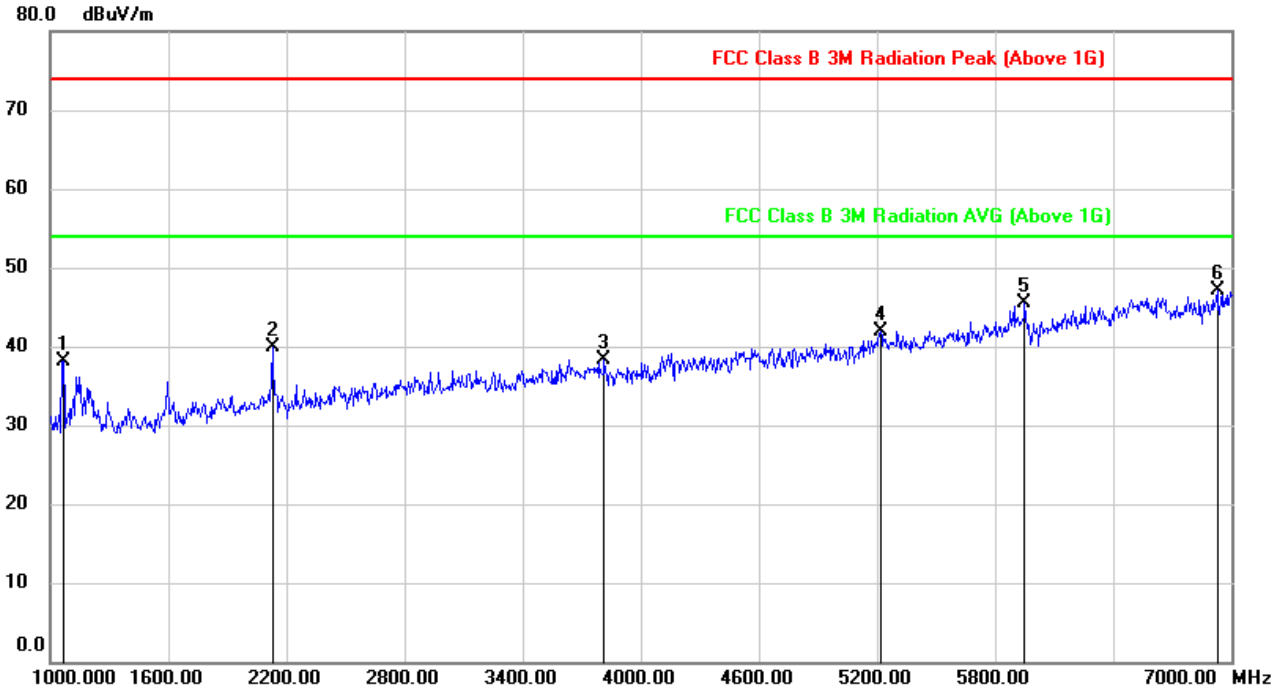
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1066.000	52.52	-14.50	38.02	74.00	-35.98	peak
2	2128.000	49.91	-10.09	39.82	74.00	-34.18	peak
3	3814.000	42.46	-4.22	38.24	74.00	-35.76	peak
4	5218.000	41.07	0.93	42.00	74.00	-32.00	peak
5	5950.000	41.41	4.08	45.49	74.00	-28.51	peak
6	6928.000	40.77	6.32	47.09	74.00	-26.91	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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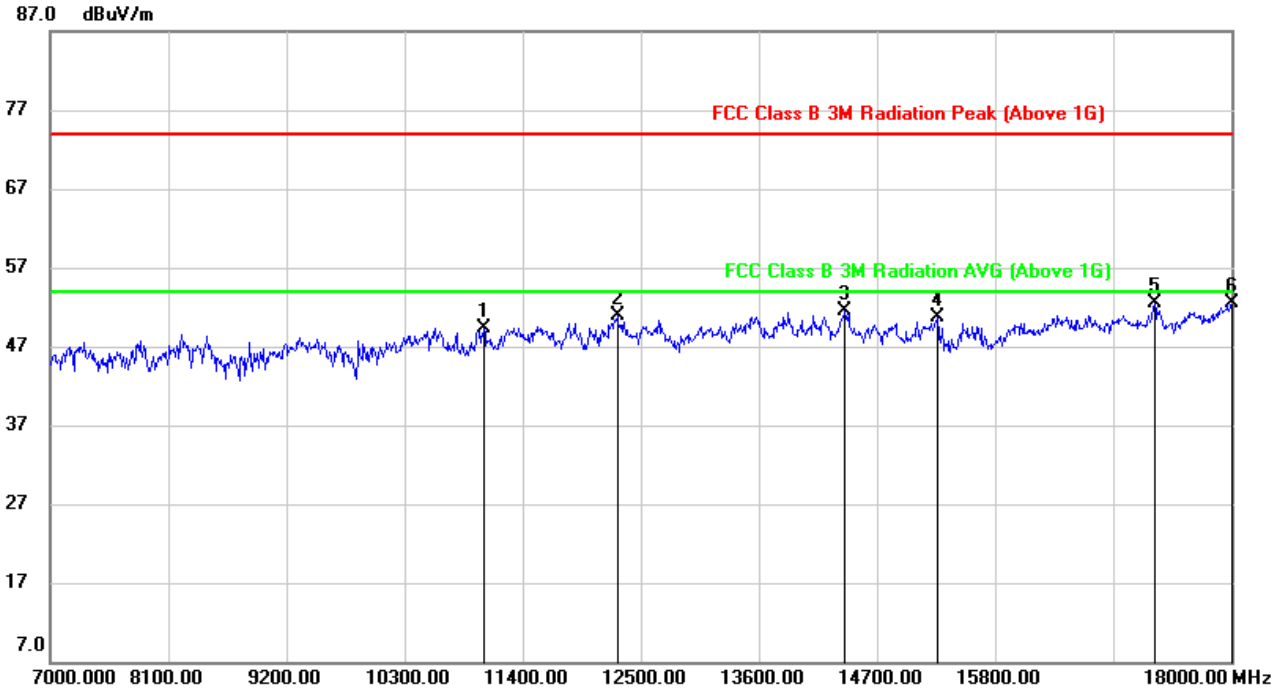
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	11037.000	35.74	13.59	49.33	74.00	-24.67	peak
2	12280.000	35.79	15.12	50.91	74.00	-23.09	peak
3	14403.000	34.95	16.62	51.57	74.00	-22.43	peak
4	15261.000	35.05	15.73	50.78	74.00	-23.22	peak
5	17285.000	30.81	21.78	52.59	74.00	-21.41	peak
6	18000.000	29.42	23.15	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. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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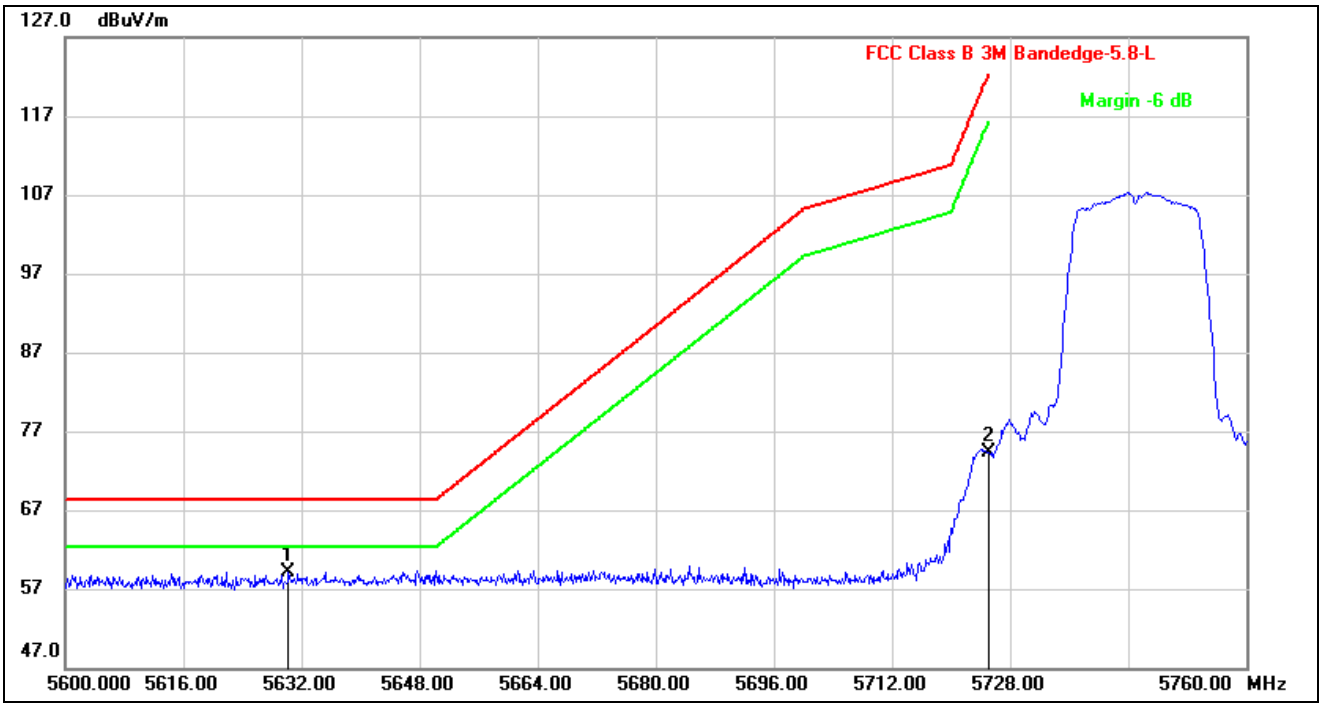
8.2.5. UNII-3 BAND

RESTRICTED BANDEDGE LOW CHANNEL

HORIZONTAL RESULTS



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5630.240	17.60	41.48	59.08	68.20	-9.12	peak
2	5725.000	32.76	41.61	74.37	122.20	-47.83	peak

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

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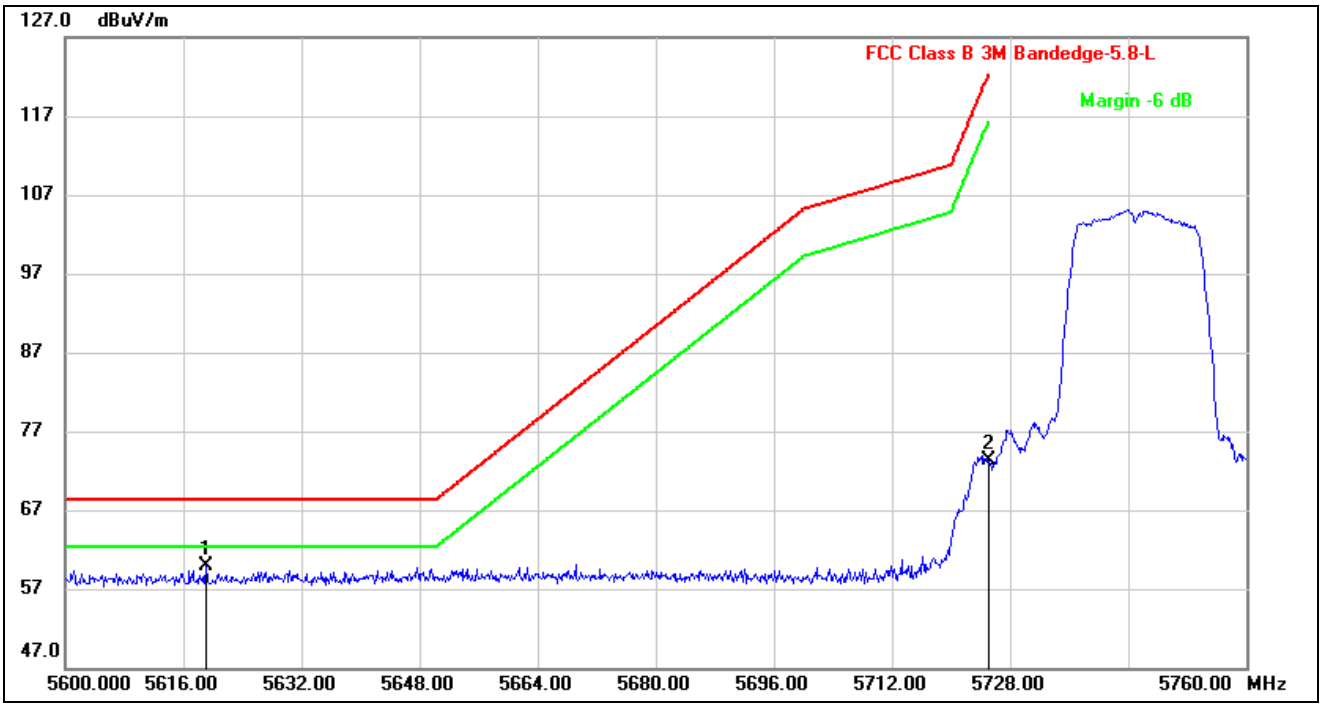
VERTICAL RESULTS



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5619.040	18.37	41.46	59.83	68.20	-8.37	peak
2	5725.000	31.61	41.61	73.22	122.20	-48.98	peak

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

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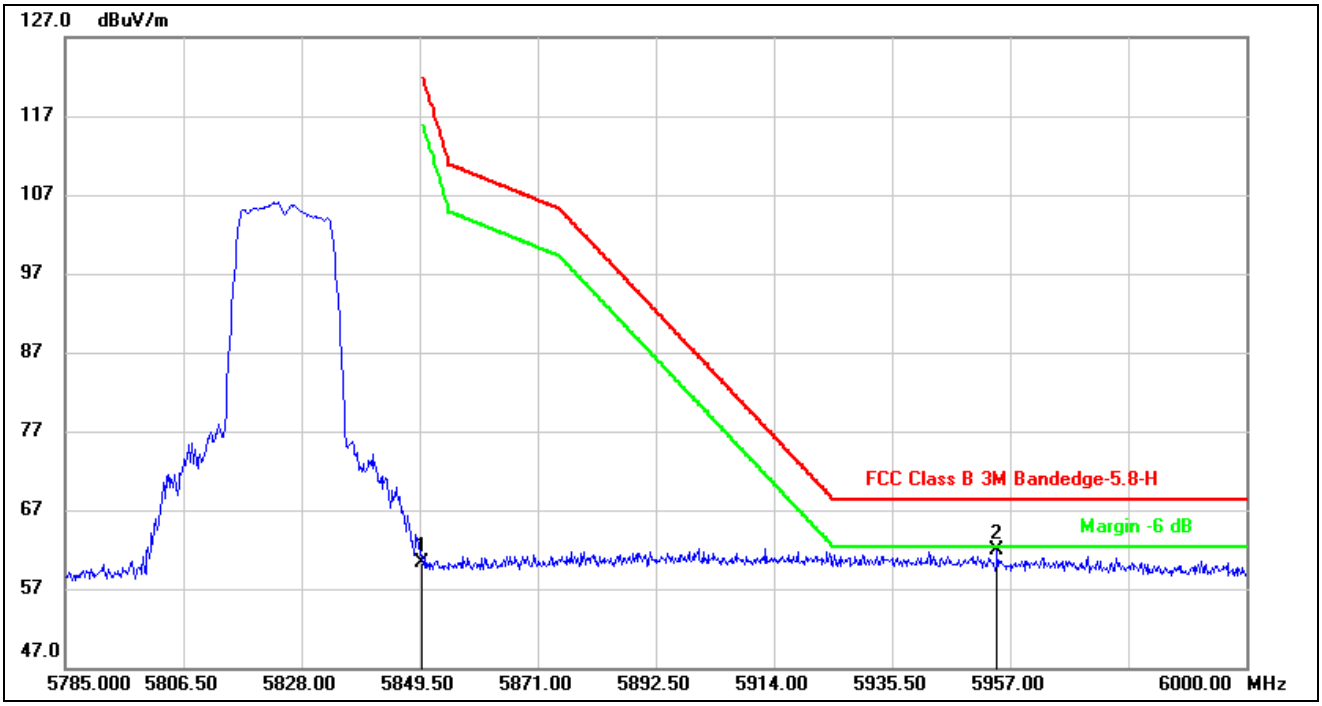
RESTRICTED BANDEDGE HIGH CHANNEL

HORIZONTAL RESULTS



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	17.44	42.89	60.33	122.20	-61.87	peak
2	5954.635	19.08	42.92	62.00	68.20	-6.20	peak

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

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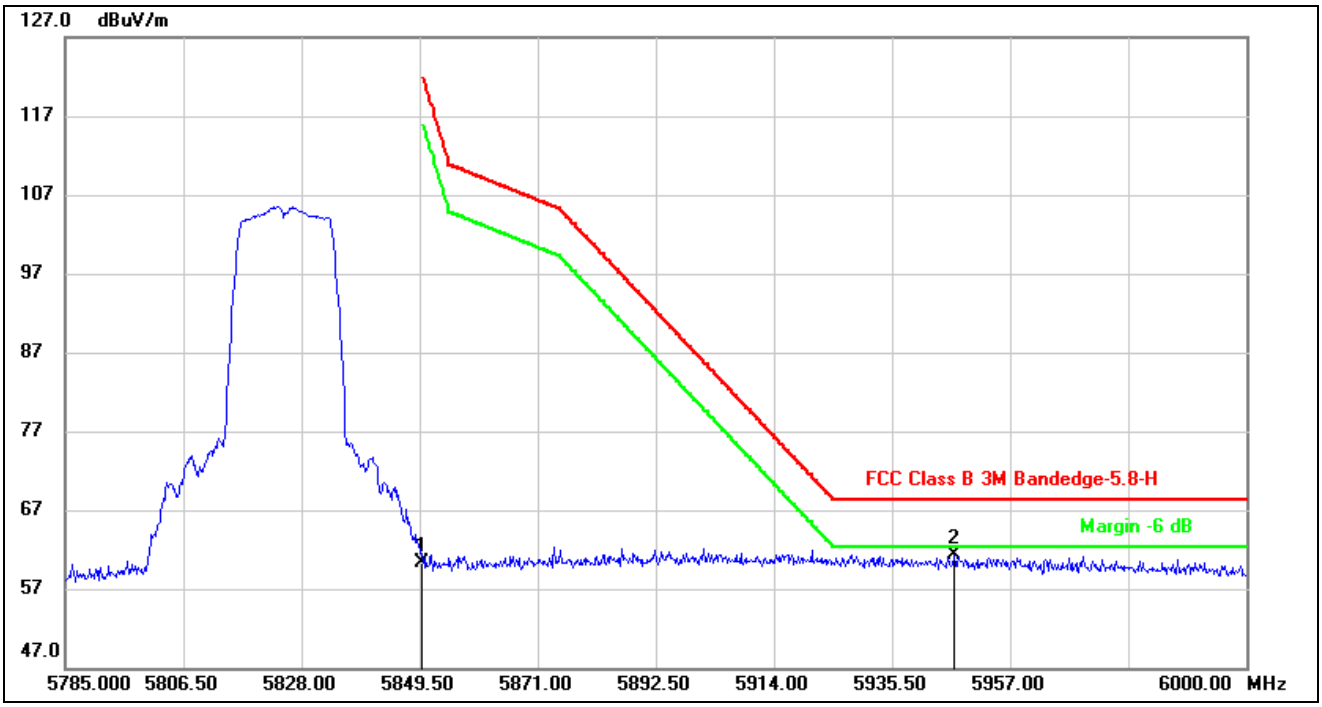
VERTICAL RESULTS



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5850.000	17.40	42.89	60.29	122.20	-61.91	peak
2	5946.895	18.25	43.05	61.30	68.20	-6.90	peak

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

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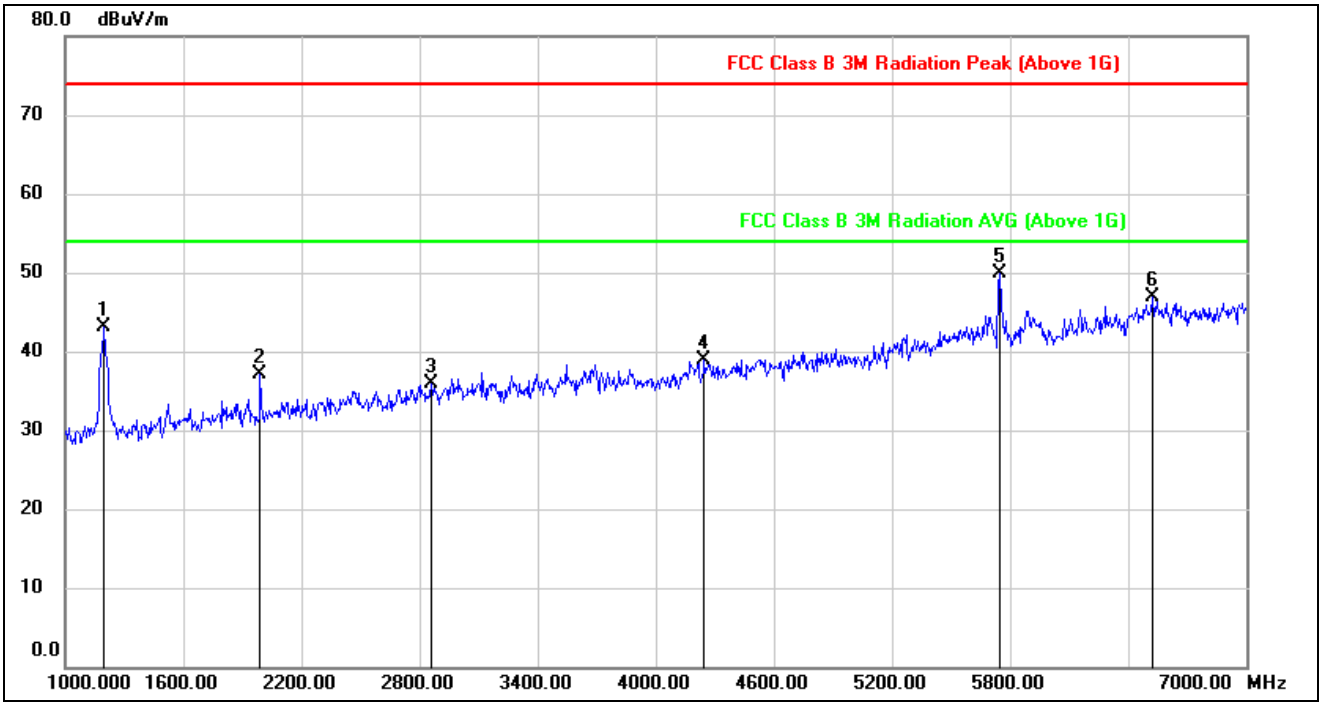
HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.000	56.63	-13.52	43.11	74.00	-30.89	peak
2	1990.000	47.88	-10.86	37.02	74.00	-36.98	peak
3	2860.000	42.81	-6.92	35.89	74.00	-38.11	peak
4	4246.000	41.90	-3.03	38.87	74.00	-35.13	peak
5	5746.000	47.42	2.54	49.96	74.00	-24.04	peak
6	6526.000	41.05	5.80	46.85	74.00	-27.15	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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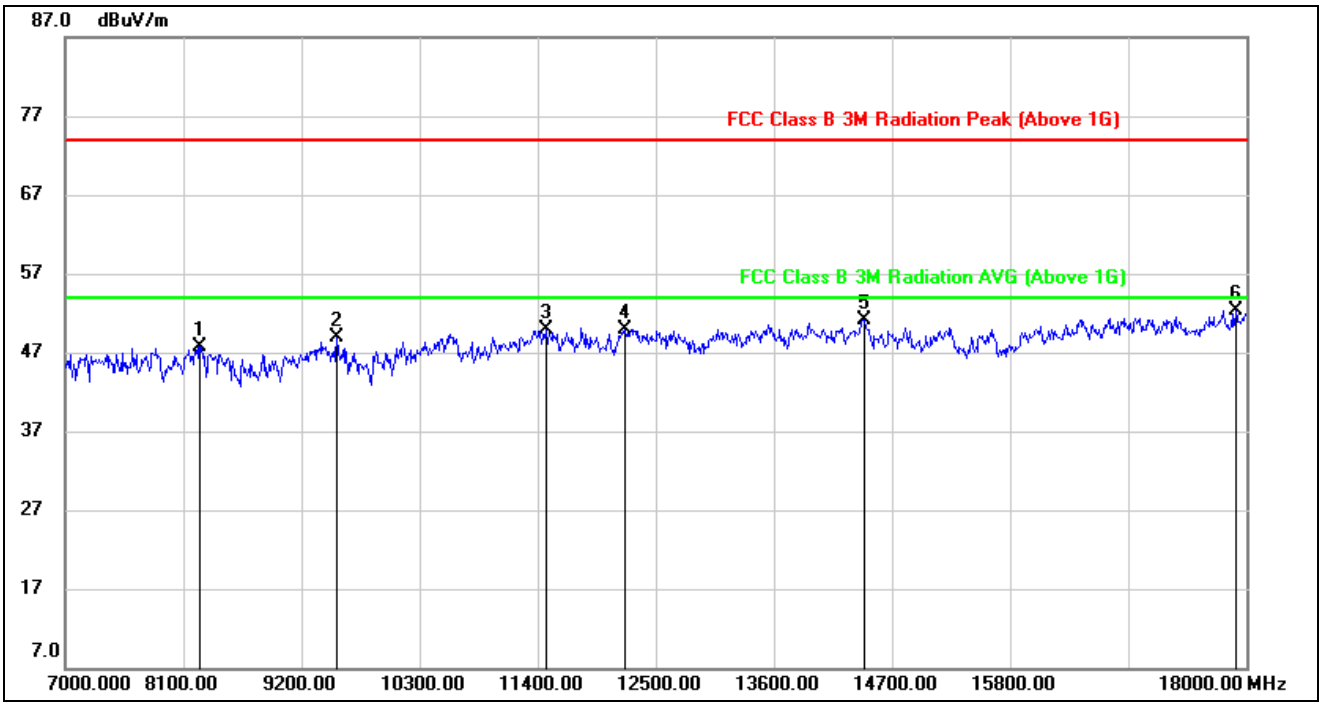
HORIZONTAL RESULTS
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8254.000	38.10	9.66	47.76	74.00	-26.24	peak
2	9530.000	38.26	10.57	48.83	74.00	-25.17	peak
3	11477.000	35.55	14.27	49.82	74.00	-24.18	peak
4	12214.000	35.01	14.96	49.97	74.00	-24.03	peak
5	14447.000	34.46	16.56	51.02	74.00	-22.98	peak
6	17901.000	29.14	23.14	52.28	74.00	-21.72	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. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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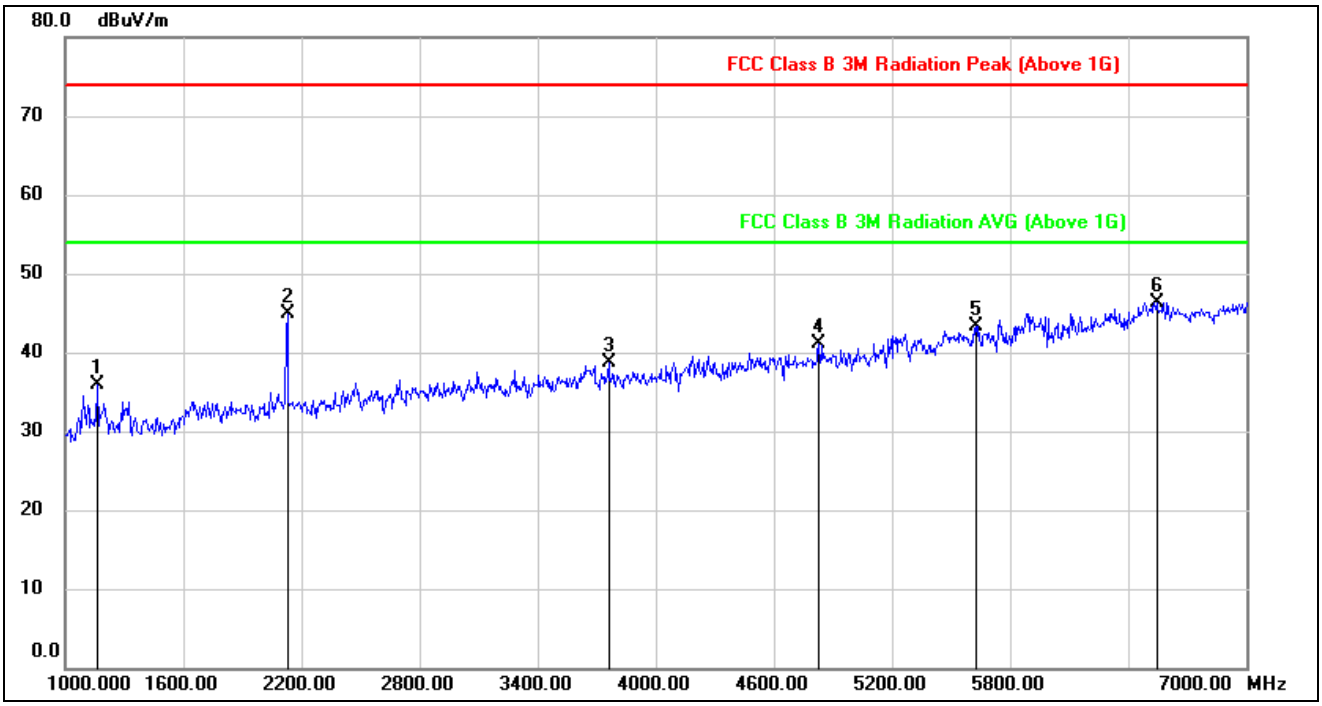
VERTICAL RESULTS
1-7GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1162.000	49.75	-13.86	35.89	74.00	-38.11	peak
2	2128.000	54.92	-10.09	44.83	74.00	-29.17	peak
3	3760.000	42.88	-4.15	38.73	74.00	-35.27	peak
4	4828.000	41.97	-0.91	41.06	74.00	-32.94	peak
5	5626.000	41.17	2.15	43.32	74.00	-30.68	peak
6	6544.000	40.66	5.73	46.39	74.00	-27.61	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 then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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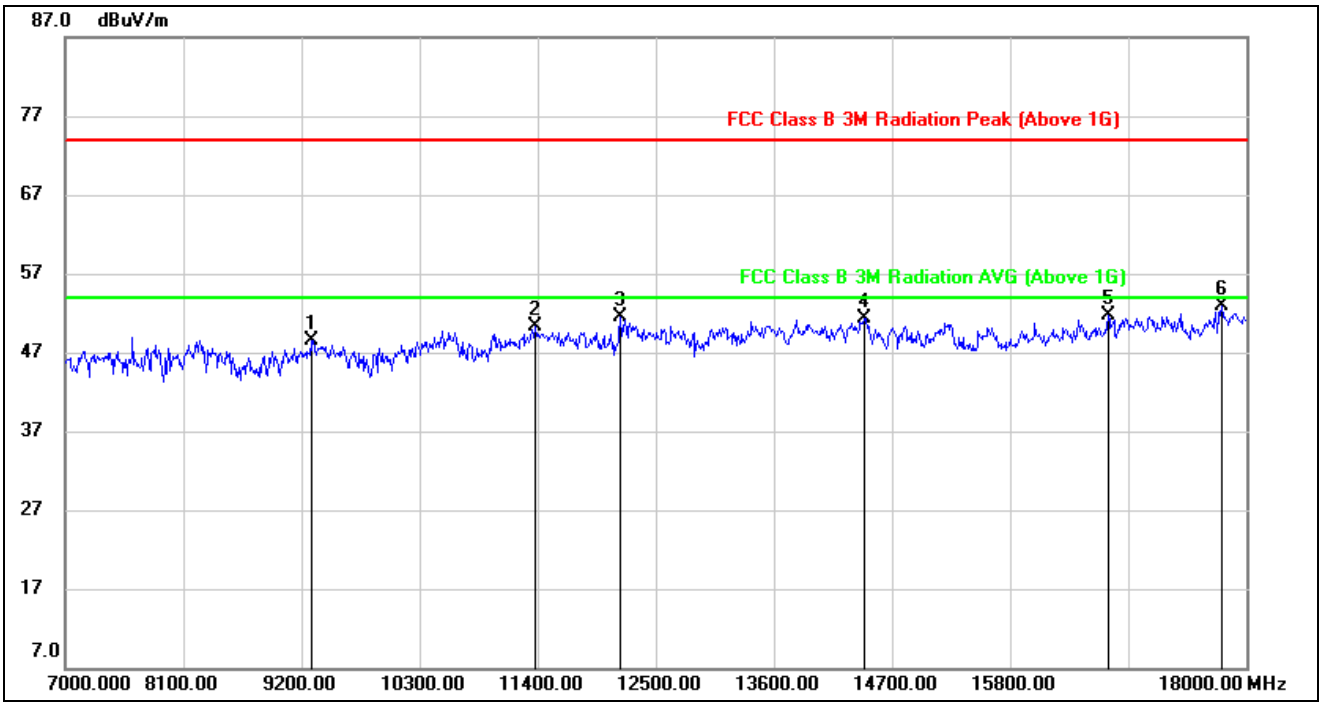
VERTICAL RESULTS
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	9288.000	38.28	10.21	48.49	74.00	-25.51	peak
2	11378.000	36.70	13.63	50.33	74.00	-23.67	peak
3	12170.000	36.61	14.86	51.47	74.00	-22.53	peak
4	14436.000	34.77	16.58	51.35	74.00	-22.65	peak
5	16713.000	31.71	19.95	51.66	74.00	-22.34	peak
6	17769.000	29.99	22.91	52.90	74.00	-21.10	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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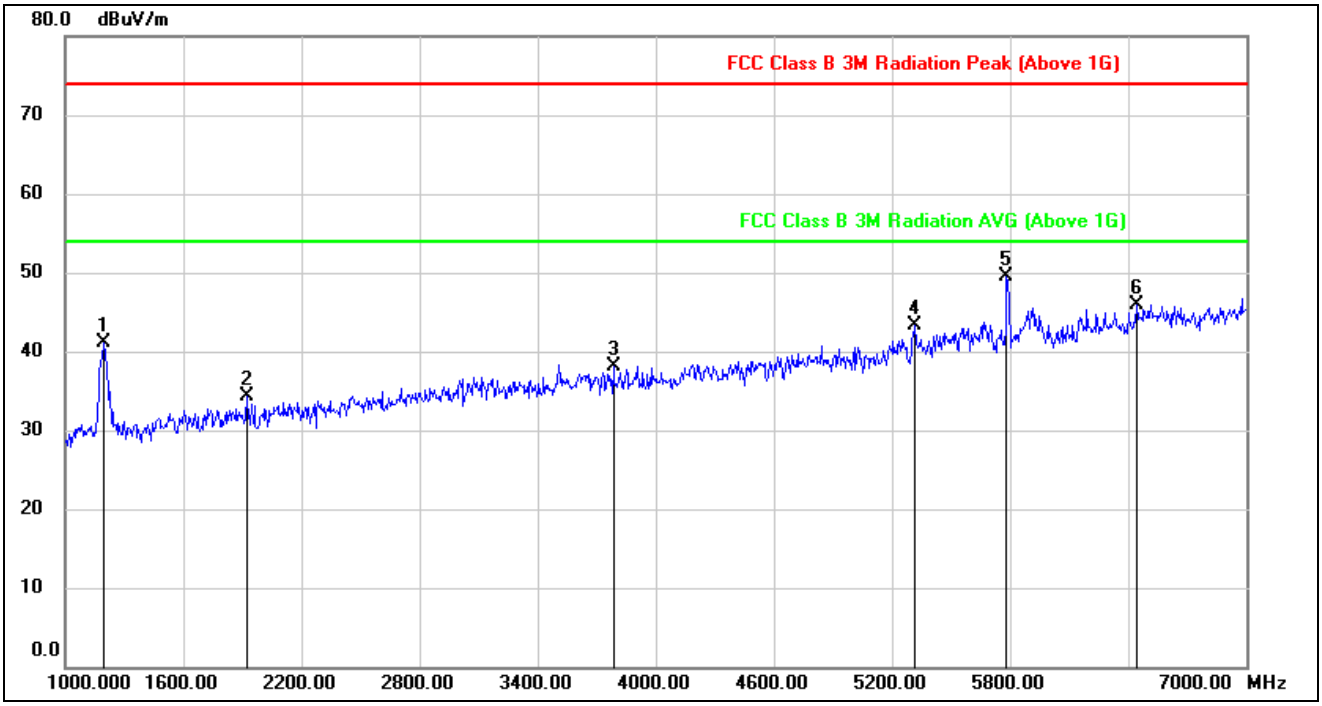
HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.000	54.64	-13.52	41.12	74.00	-32.88	peak
2	1924.000	45.06	-10.84	34.22	74.00	-39.78	peak
3	3784.000	42.39	-4.19	38.20	74.00	-35.80	peak
4	5314.000	42.27	1.00	43.27	74.00	-30.73	peak
5	5782.000	46.69	2.78	49.47	74.00	-24.53	peak
6	6442.000	40.87	5.11	45.98	74.00	-28.02	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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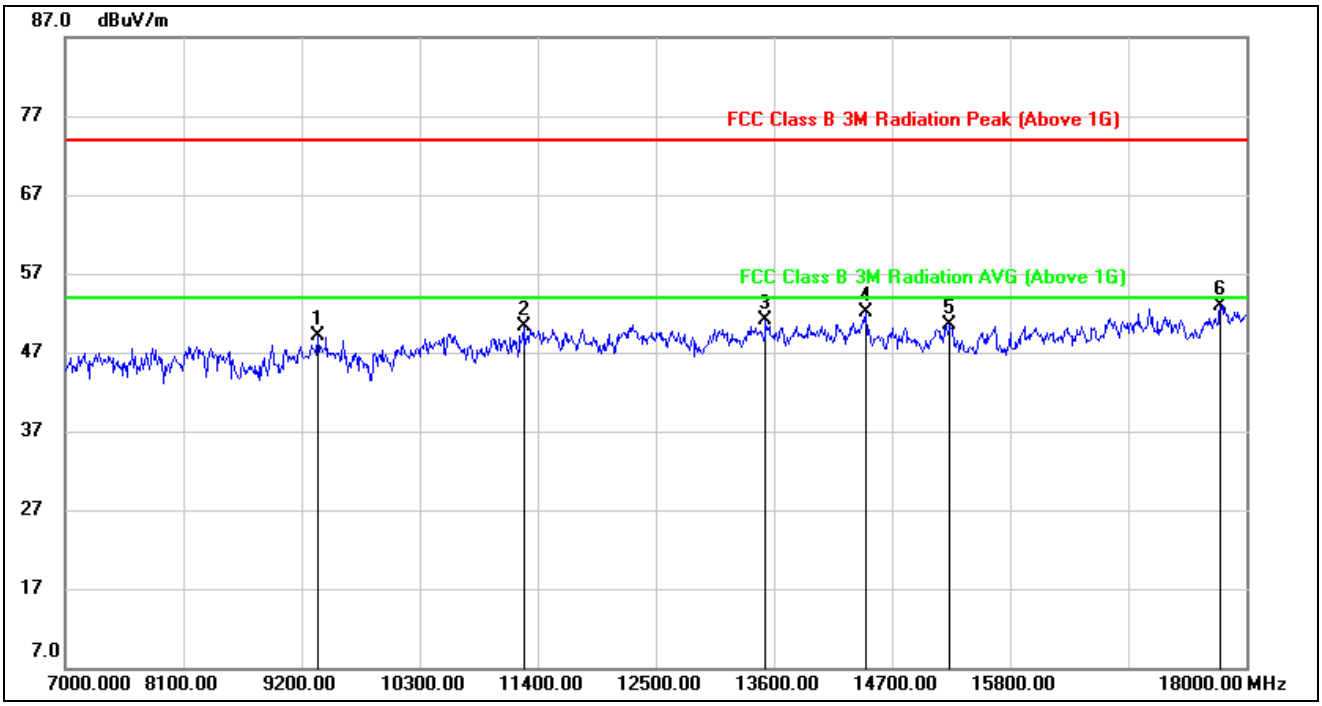
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9354.000	38.55	10.53	49.08	74.00	-24.92	peak
2	11268.000	37.04	13.34	50.38	74.00	-23.62	peak
3	13523.000	35.07	15.98	51.05	74.00	-22.95	peak
4	14458.000	35.51	16.54	52.05	74.00	-21.95	peak
5	15239.000	34.77	15.75	50.52	74.00	-23.48	peak
6	17758.000	30.07	22.82	52.89	74.00	-21.11	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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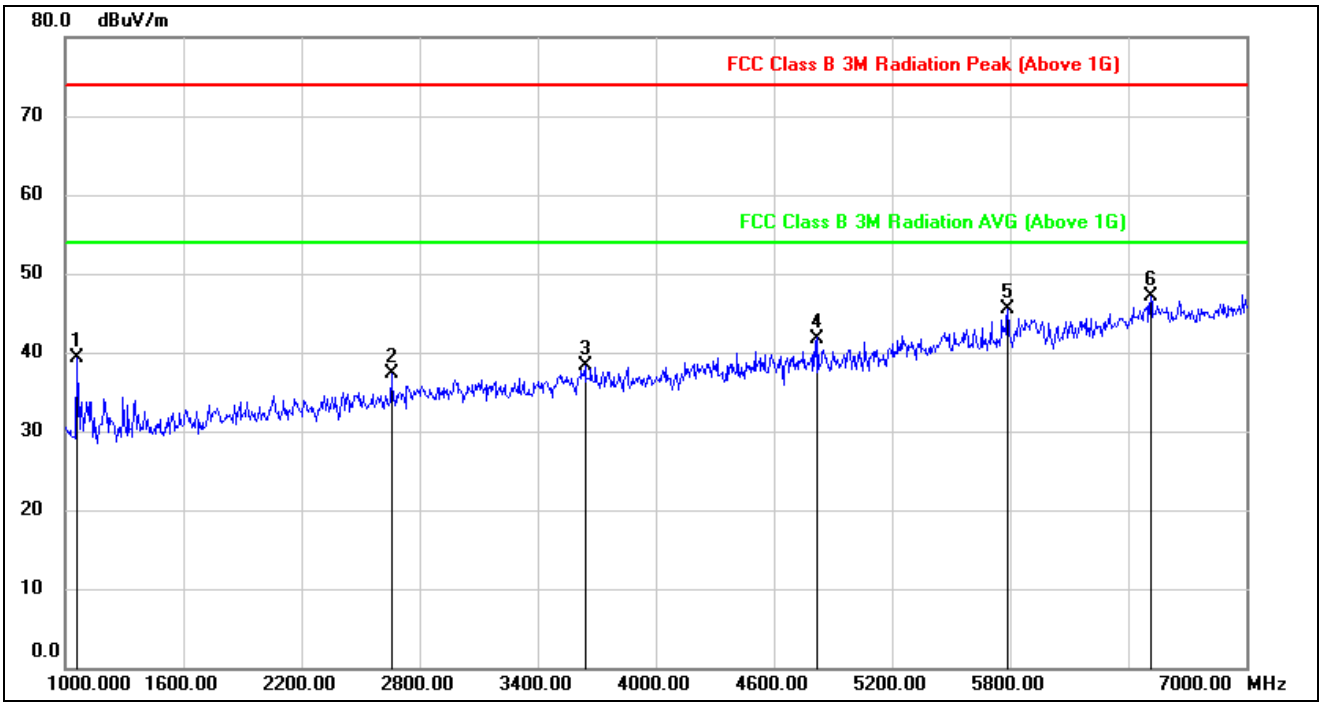
VERTICAL RESULTS
1-7GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1060.000	53.78	-14.51	39.27	74.00	-34.73	peak
2	2656.000	45.58	-8.21	37.37	74.00	-36.63	peak
3	3640.000	42.86	-4.54	38.32	74.00	-35.68	peak
4	4822.000	42.71	-0.91	41.80	74.00	-32.20	peak
5	5788.000	42.74	2.83	45.57	74.00	-28.43	peak
6	6514.000	41.33	5.84	47.17	74.00	-26.83	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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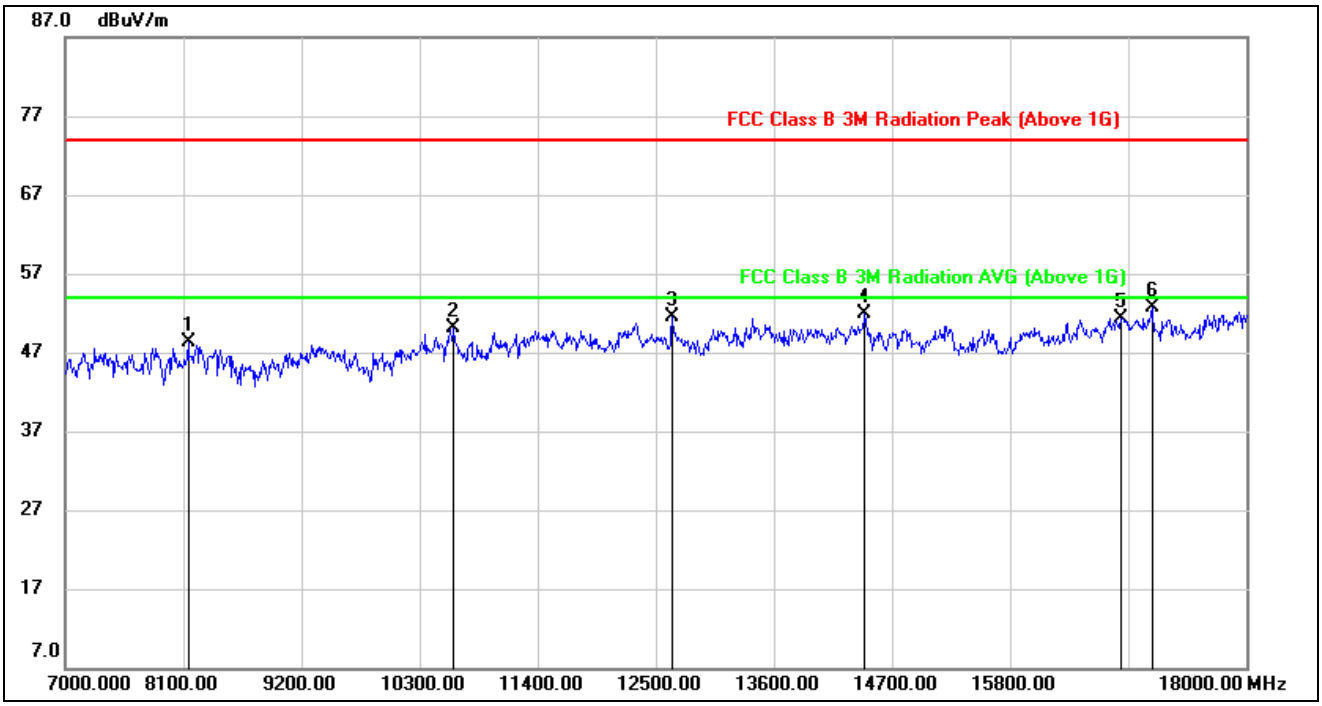
VERTICAL RESULTS
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8144.000	38.49	9.75	48.24	74.00	-25.76	peak
2	10619.000	37.10	13.01	50.11	74.00	-23.89	peak
3	12654.000	36.63	14.78	51.41	74.00	-22.59	peak
4	14447.000	35.27	16.56	51.83	74.00	-22.17	peak
5	16834.000	31.19	20.18	51.37	74.00	-22.63	peak
6	17120.000	31.72	20.95	52.67	74.00	-21.33	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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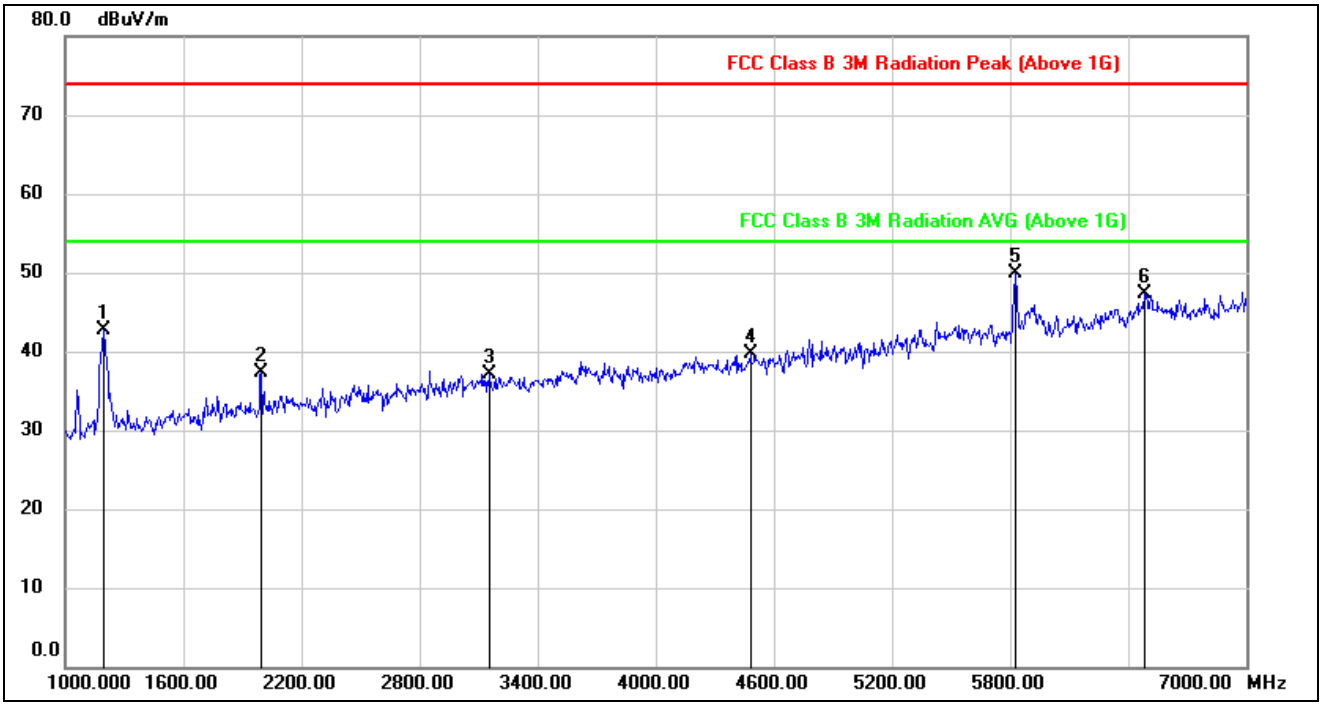
HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.000	56.18	-13.52	42.66	74.00	-31.34	peak
2	1996.000	48.16	-10.86	37.30	74.00	-36.70	peak
3	3154.000	42.99	-5.83	37.16	74.00	-36.84	peak
4	4480.000	41.98	-2.28	39.70	74.00	-34.30	peak
5	5830.000	46.42	3.50	49.92	74.00	-24.08	peak
6	6484.000	41.62	5.67	47.29	74.00	-26.71	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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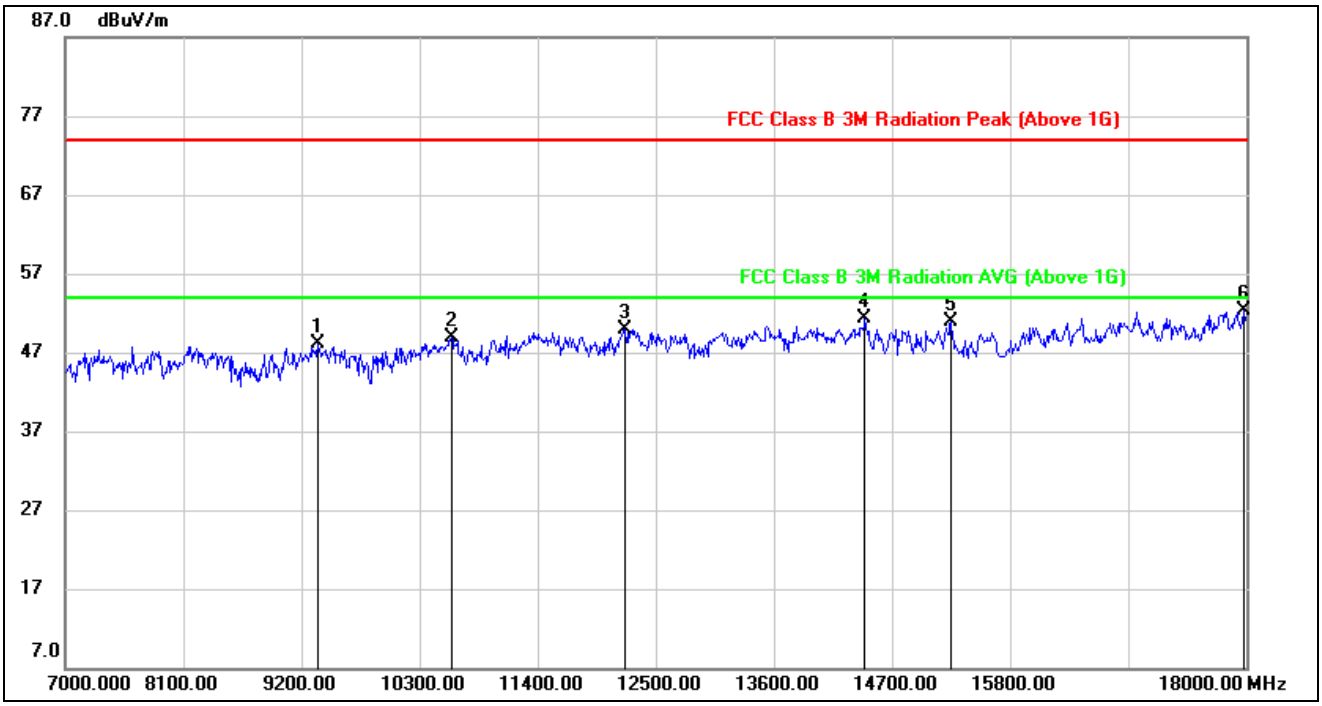
HORIZONTAL RESULTS
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	9354.000	37.53	10.53	48.06	74.00	-25.94	peak
2	10597.000	35.85	13.12	48.97	74.00	-25.03	peak
3	12214.000	35.00	14.96	49.96	74.00	-24.04	peak
4	14447.000	34.72	16.56	51.28	74.00	-22.72	peak
5	15250.000	35.16	15.75	50.91	74.00	-23.09	peak
6	17978.000	29.23	23.15	52.38	74.00	-21.62	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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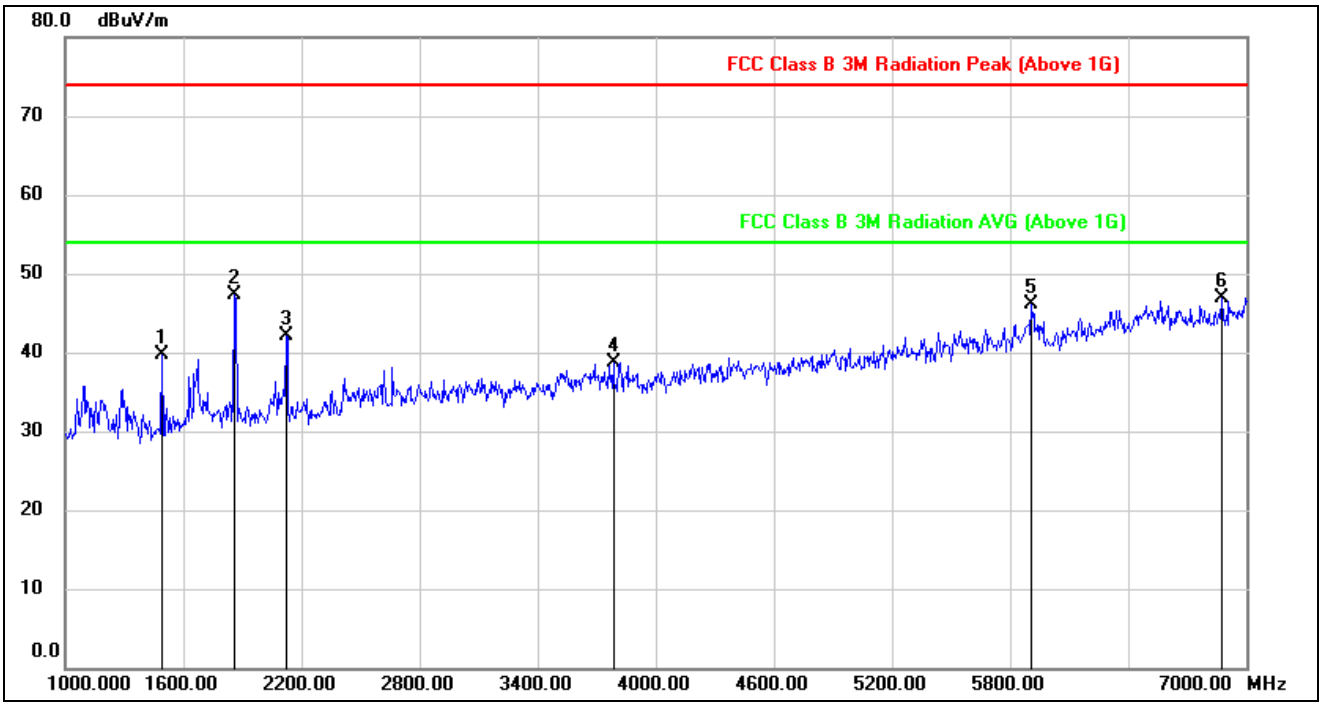
VERTICAL RESULTS
1-7GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1492.000	52.74	-13.09	39.65	74.00	-34.35	peak
2	1858.000	58.25	-10.87	47.38	74.00	-26.62	peak
3	2122.000	52.27	-10.11	42.16	74.00	-31.84	peak
4	3784.000	42.85	-4.19	38.66	74.00	-35.34	peak
5	5908.000	41.44	4.75	46.19	74.00	-27.81	peak
6	6874.000	40.72	6.11	46.83	74.00	-27.17	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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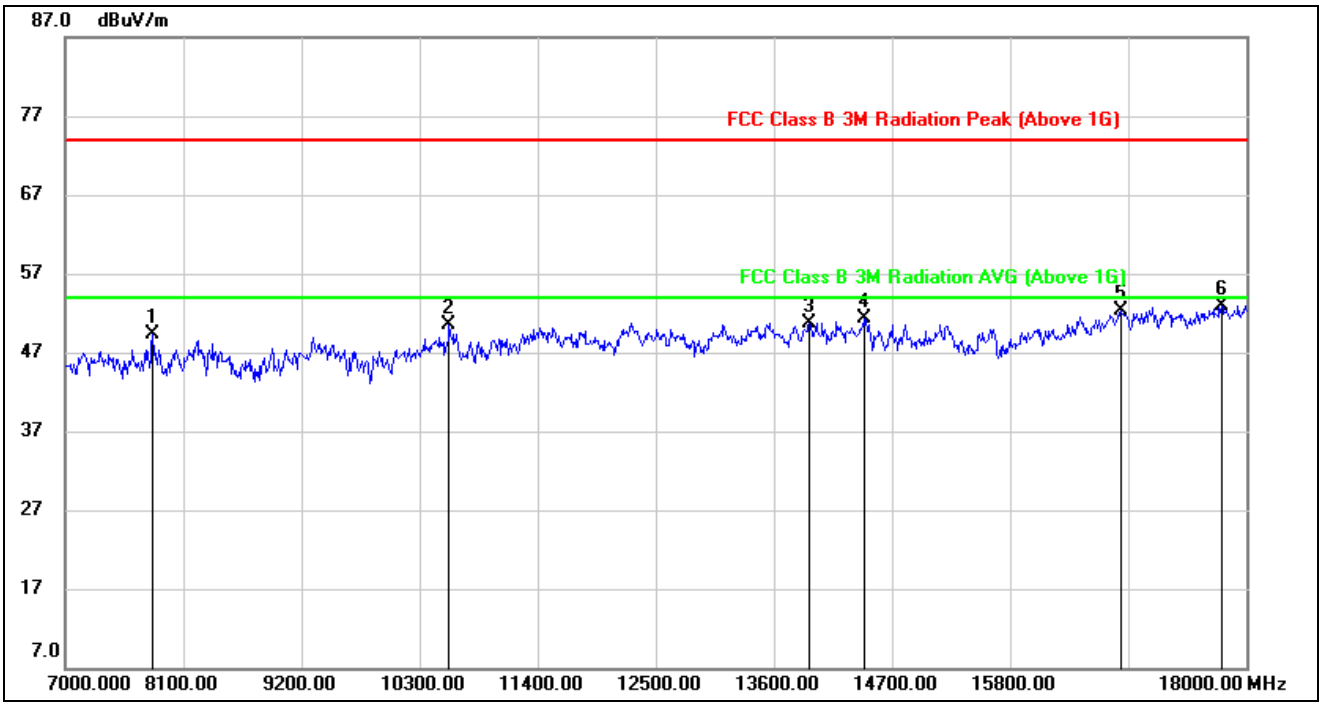
VERTICAL RESULTS
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7814.000	39.76	9.48	49.24	74.00	-24.76	peak
2	10575.000	37.60	12.87	50.47	74.00	-23.53	peak
3	13930.000	34.40	16.39	50.79	74.00	-23.21	peak
4	14436.000	34.75	16.58	51.33	74.00	-22.67	peak
5	16834.000	32.18	20.18	52.36	74.00	-21.64	peak
6	17769.000	30.04	22.91	52.95	74.00	-21.05	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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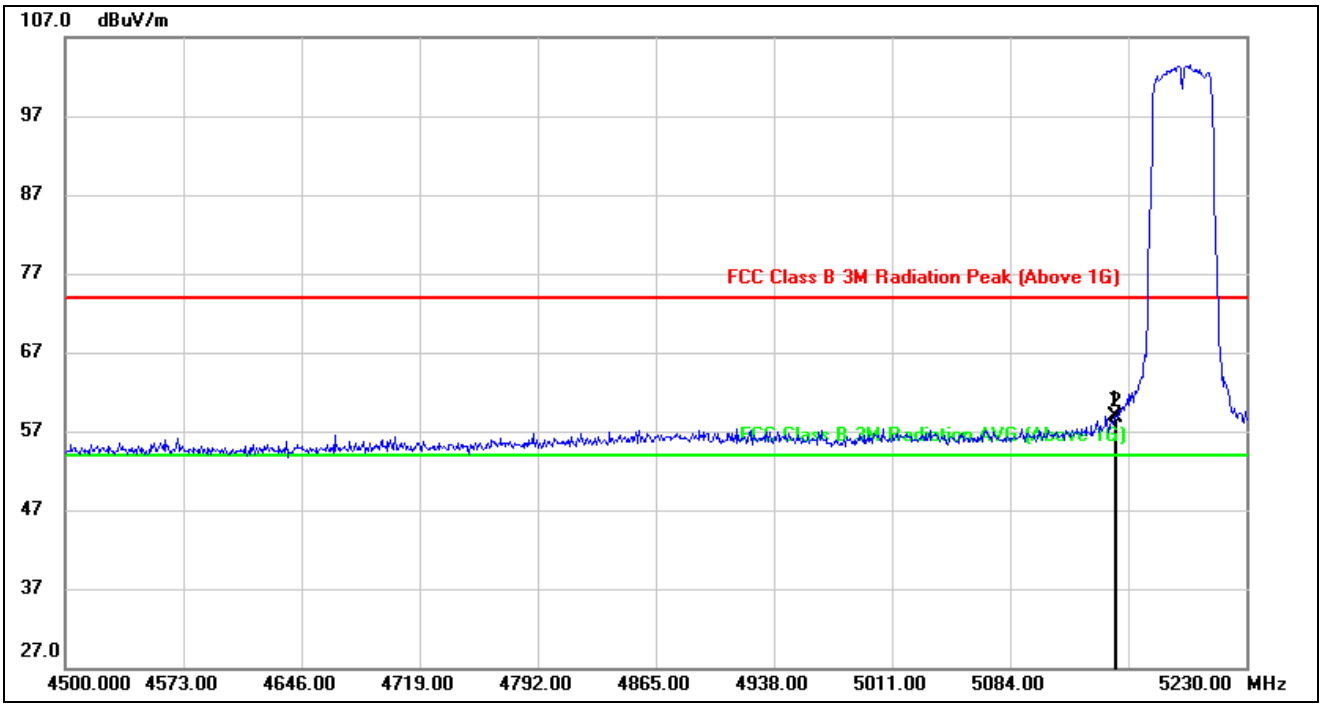
8.3. 802.11n HT40 MIMO MODE

MIMO CDD MODE (WORST-CASE CONFIGURATION)

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	5148.240	18.50	40.46	58.96	74.00	-15.04	peak
2	5150.000	18.23	40.46	58.69	74.00	-15.31	peak

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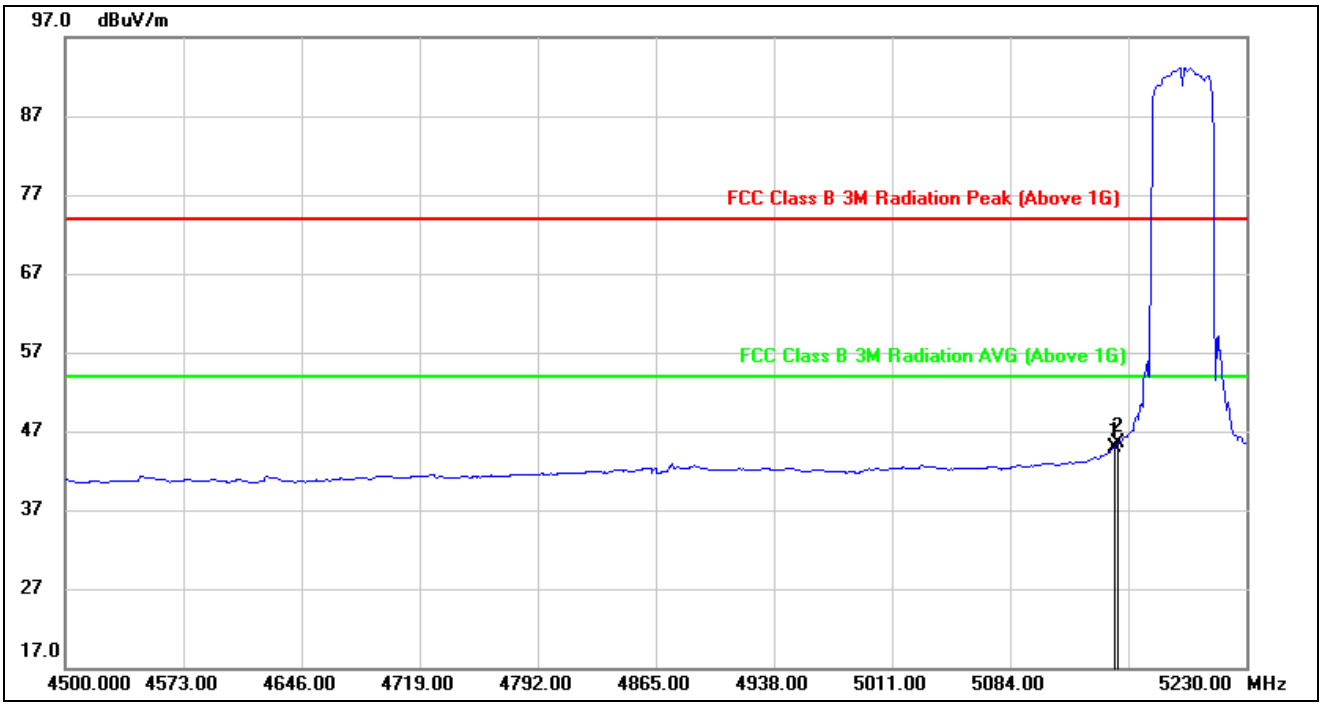
AVG



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5148.240	4.43	40.46	44.89	54.00	-9.11	AVG
2	5150.000	5.02	40.46	45.48	54.00	-8.52	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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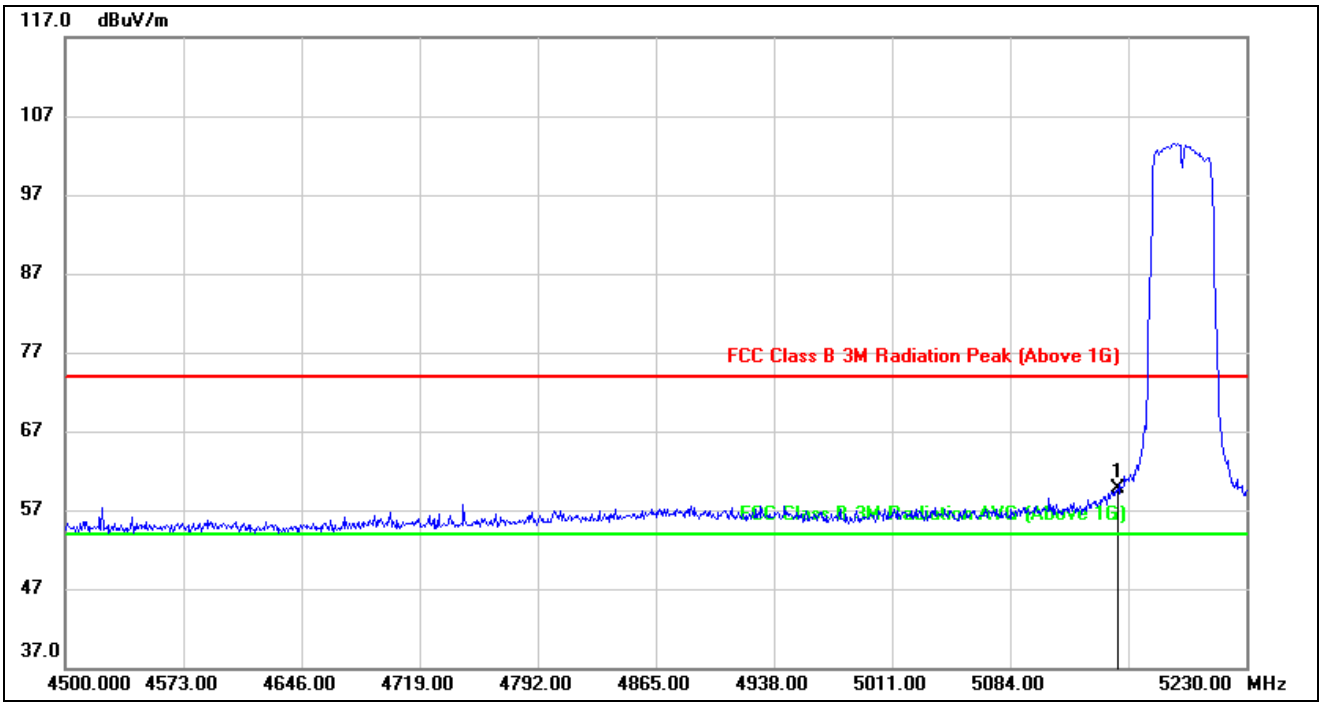
VERTICAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5150.000	19.31	40.46	59.77	74.00	-14.23	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. 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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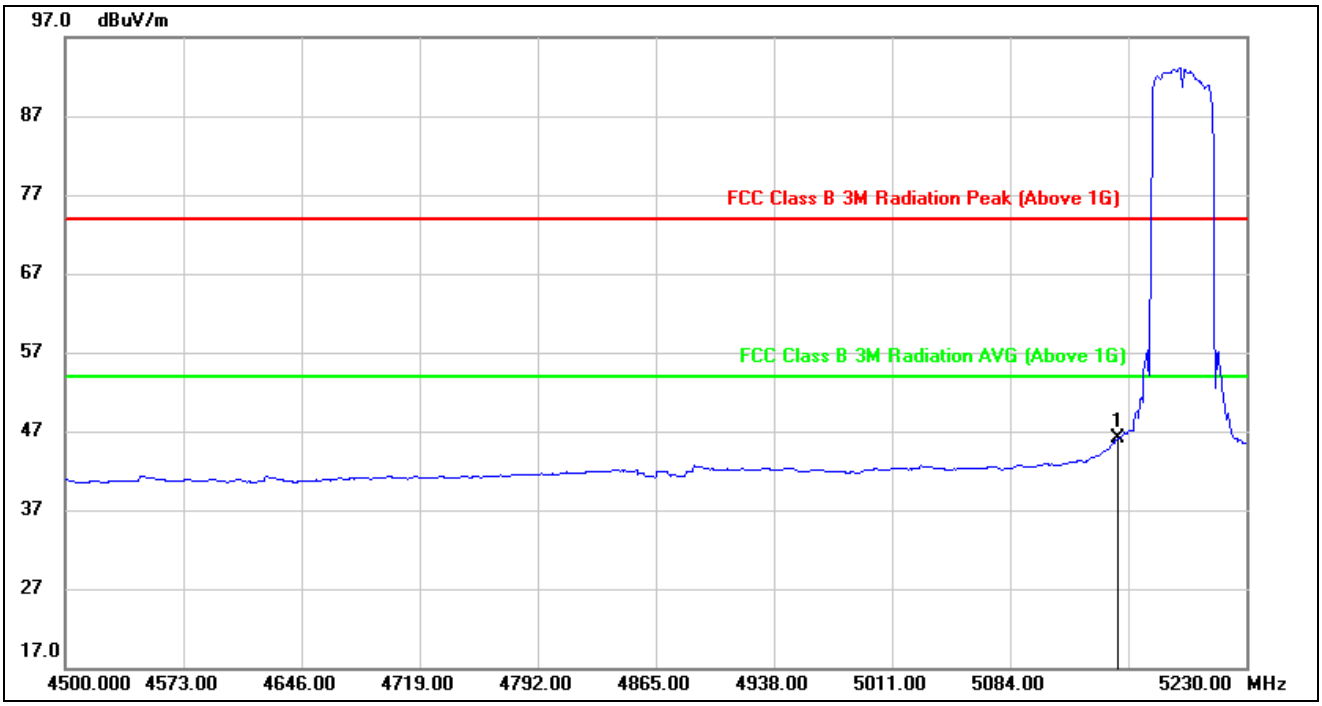
AVG



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5150.000	5.56	40.46	46.02	54.00	-7.98	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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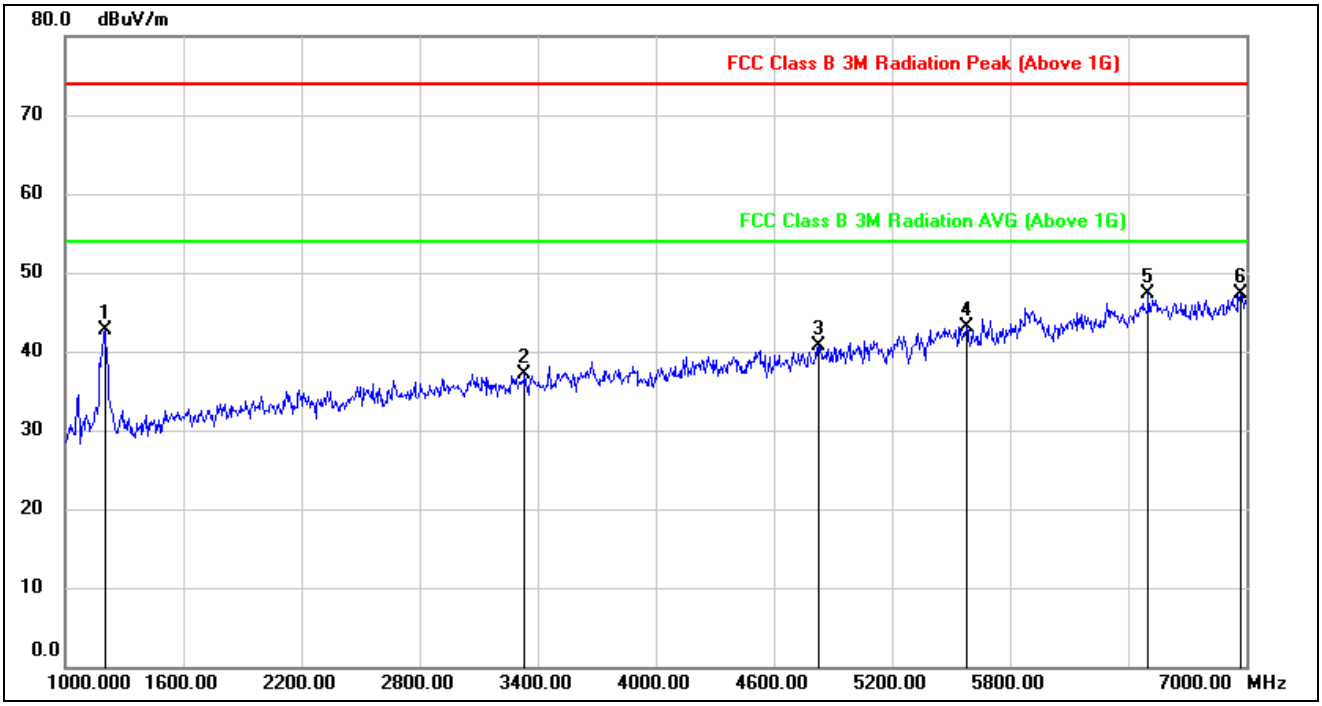
HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1204.000	56.12	-13.49	42.63	74.00	-31.37	peak
2	3334.000	42.79	-5.62	37.17	74.00	-36.83	peak
3	4828.000	41.66	-0.91	40.75	74.00	-33.25	peak
4	5578.000	41.00	2.16	43.16	74.00	-30.84	peak
5	6502.000	41.51	5.88	47.39	74.00	-26.61	peak
6	6970.000	40.97	6.39	47.36	74.00	-26.64	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 then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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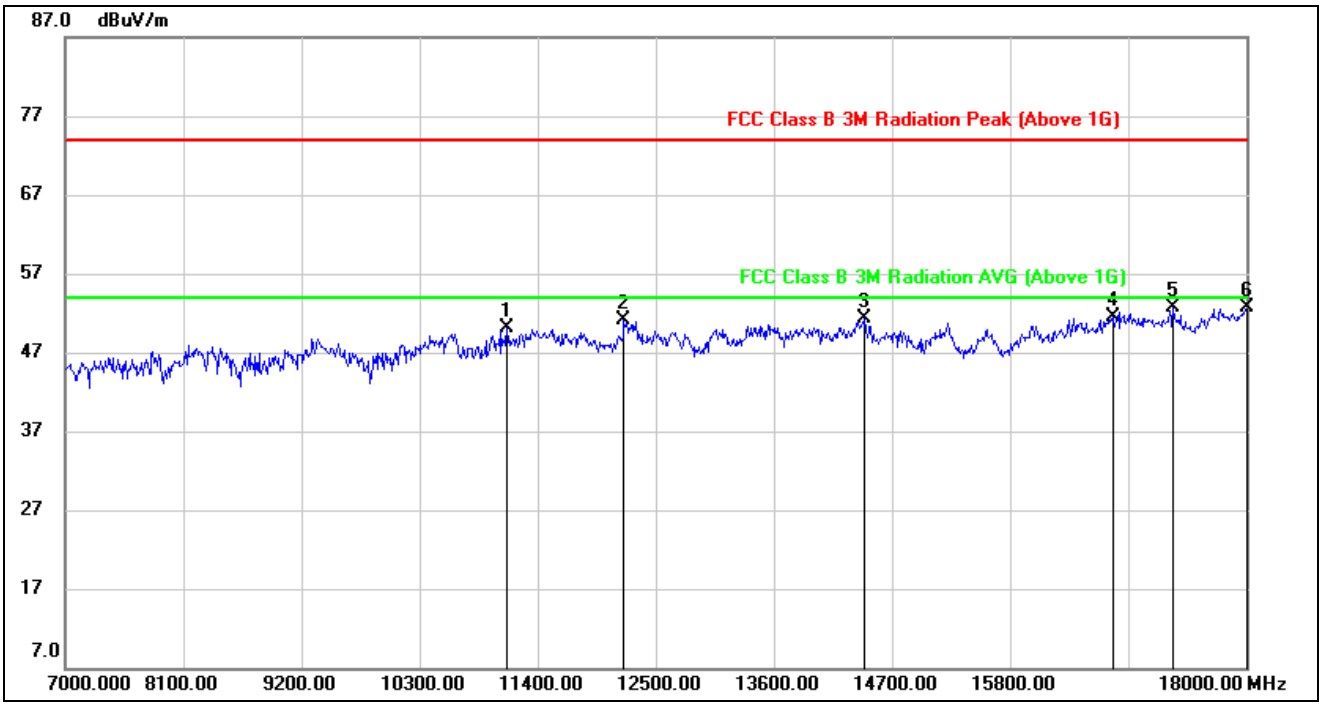
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11114.000	36.42	13.59	50.01	74.00	-23.99	peak
2	12203.000	36.09	14.94	51.03	74.00	-22.97	peak
3	14447.000	34.80	16.56	51.36	74.00	-22.64	peak
4	16757.000	31.46	20.03	51.49	74.00	-22.51	peak
5	17318.000	30.77	21.85	52.62	74.00	-21.38	peak
6	18000.000	29.50	23.15	52.65	74.00	-21.35	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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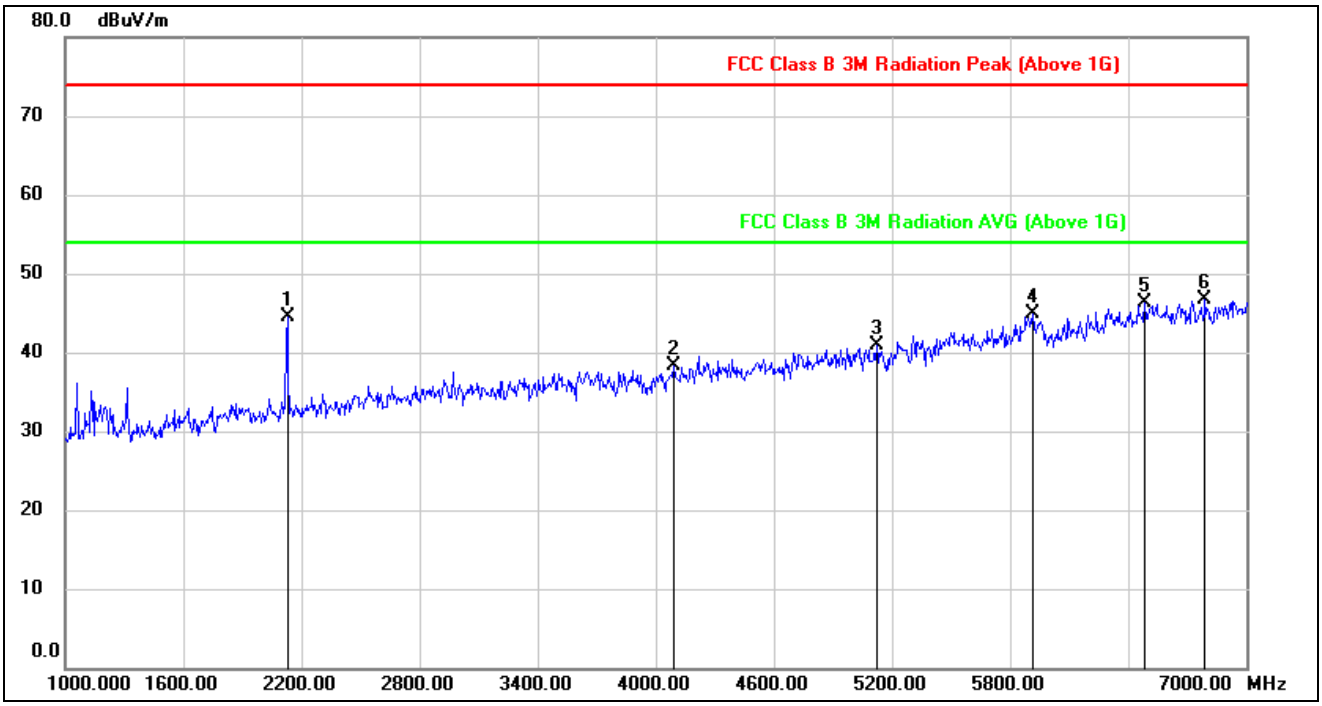
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2128.000	54.50	-10.09	44.41	74.00	-29.59	peak
2	4090.000	42.23	-3.94	38.29	74.00	-35.71	peak
3	5122.000	40.65	0.31	40.96	74.00	-33.04	peak
4	5914.000	40.21	4.65	44.86	74.00	-29.14	peak
5	6484.000	40.55	5.67	46.22	74.00	-27.78	peak
6	6790.000	41.04	5.60	46.64	74.00	-27.36	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 then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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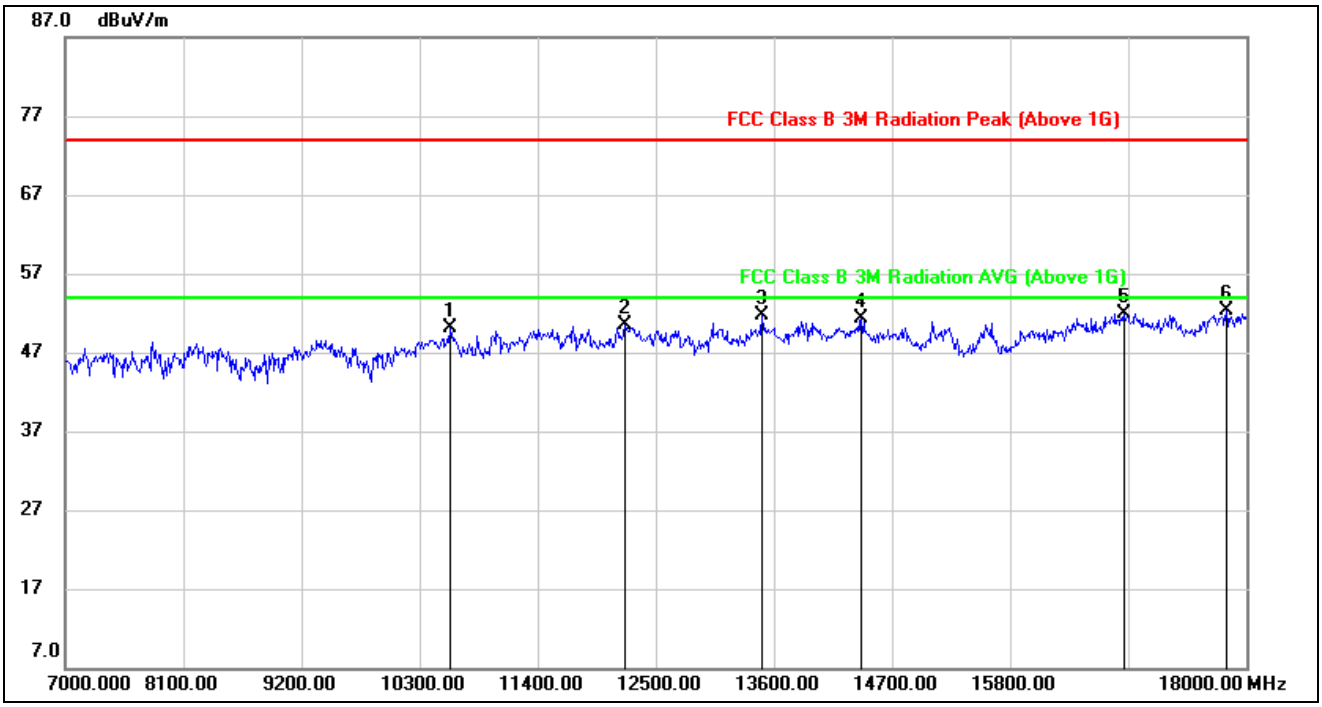
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	10586.000	37.11	13.00	50.11	74.00	-23.89	peak
2	12214.000	35.49	14.96	50.45	74.00	-23.55	peak
3	13490.000	35.72	15.94	51.66	74.00	-22.34	peak
4	14414.000	34.68	16.60	51.28	74.00	-22.72	peak
5	16856.000	31.78	20.22	52.00	74.00	-22.00	peak
6	17813.000	29.02	23.19	52.21	74.00	-21.79	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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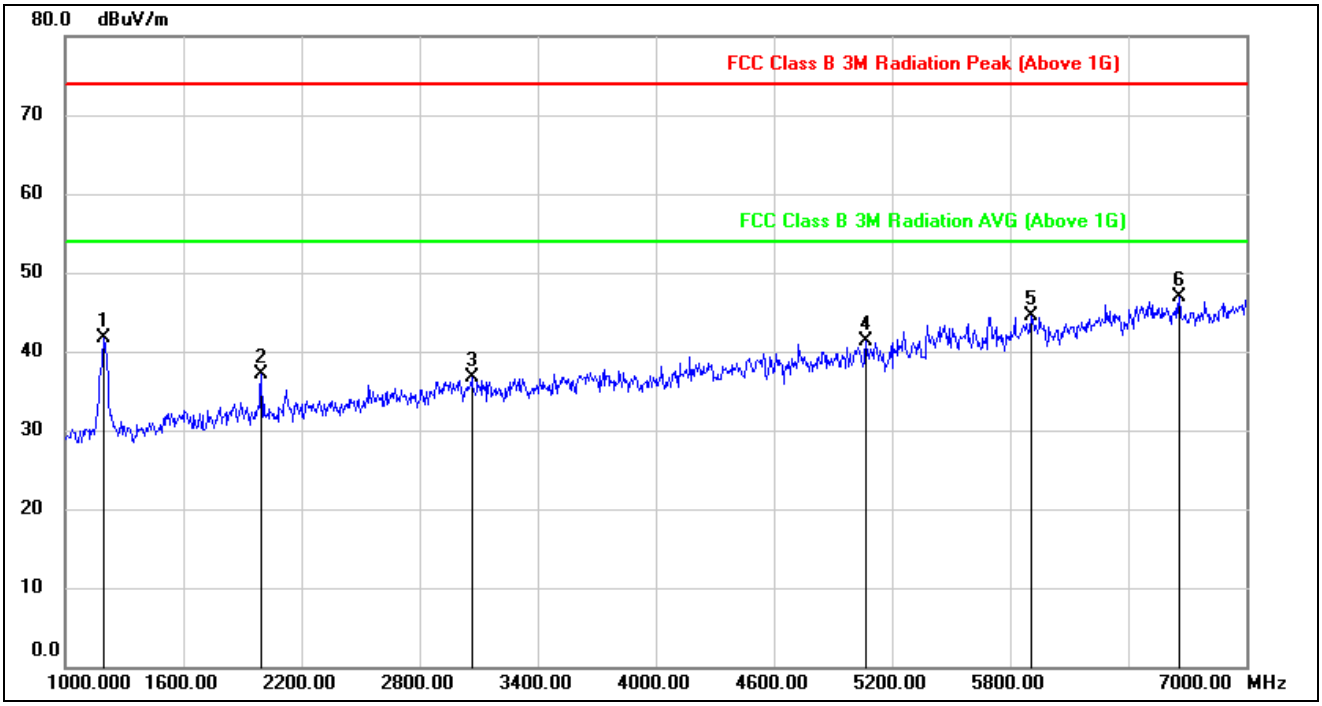
HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.000	55.27	-13.52	41.75	74.00	-32.25	peak
2	1996.000	47.88	-10.86	37.02	74.00	-36.98	peak
3	3064.000	42.52	-5.86	36.66	74.00	-37.34	peak
4	5068.000	41.27	0.07	41.34	74.00	-32.66	peak
5	5908.000	39.80	4.75	44.55	74.00	-29.45	peak
6	6658.000	41.28	5.56	46.84	74.00	-27.16	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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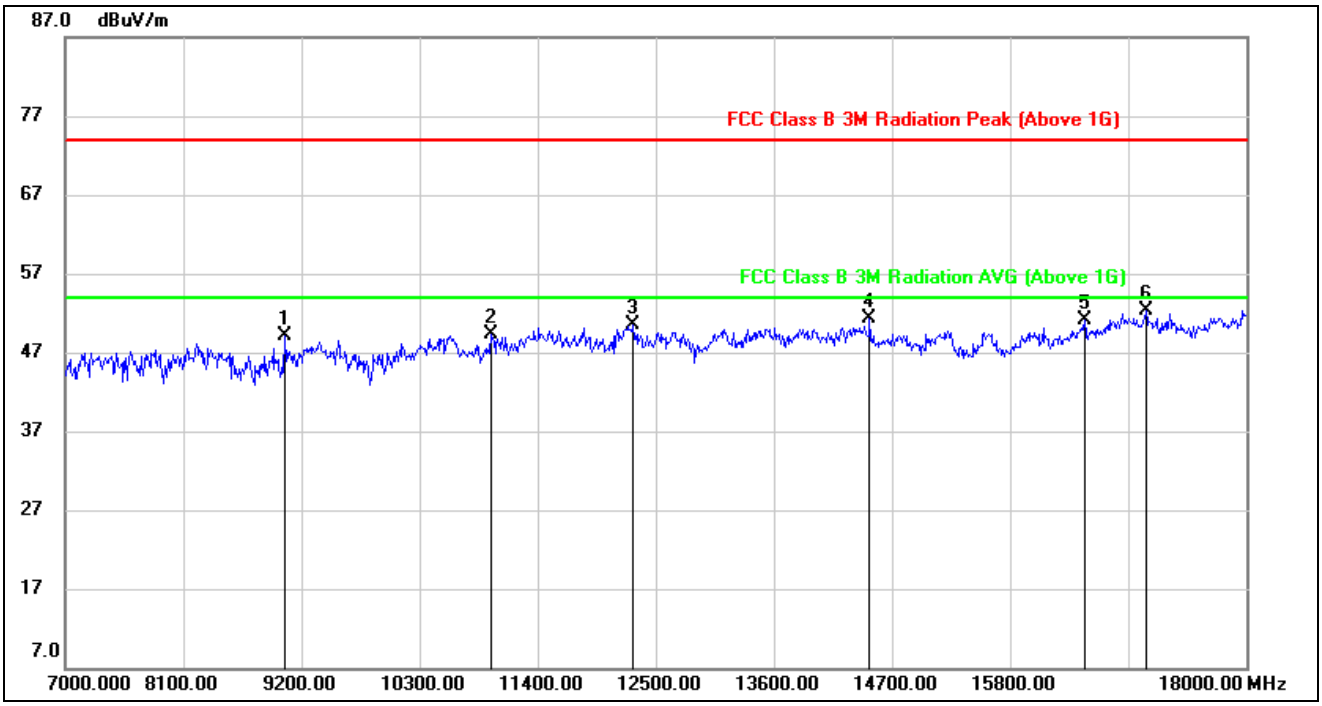
HORIZONTAL RESULTS
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	9046.000	38.69	10.44	49.13	74.00	-24.87	peak
2	10960.000	36.03	13.20	49.23	74.00	-24.77	peak
3	12291.000	35.34	15.15	50.49	74.00	-23.51	peak
4	14491.000	34.84	16.50	51.34	74.00	-22.66	peak
5	16493.000	31.95	19.16	51.11	74.00	-22.89	peak
6	17065.000	31.47	20.86	52.33	74.00	-21.67	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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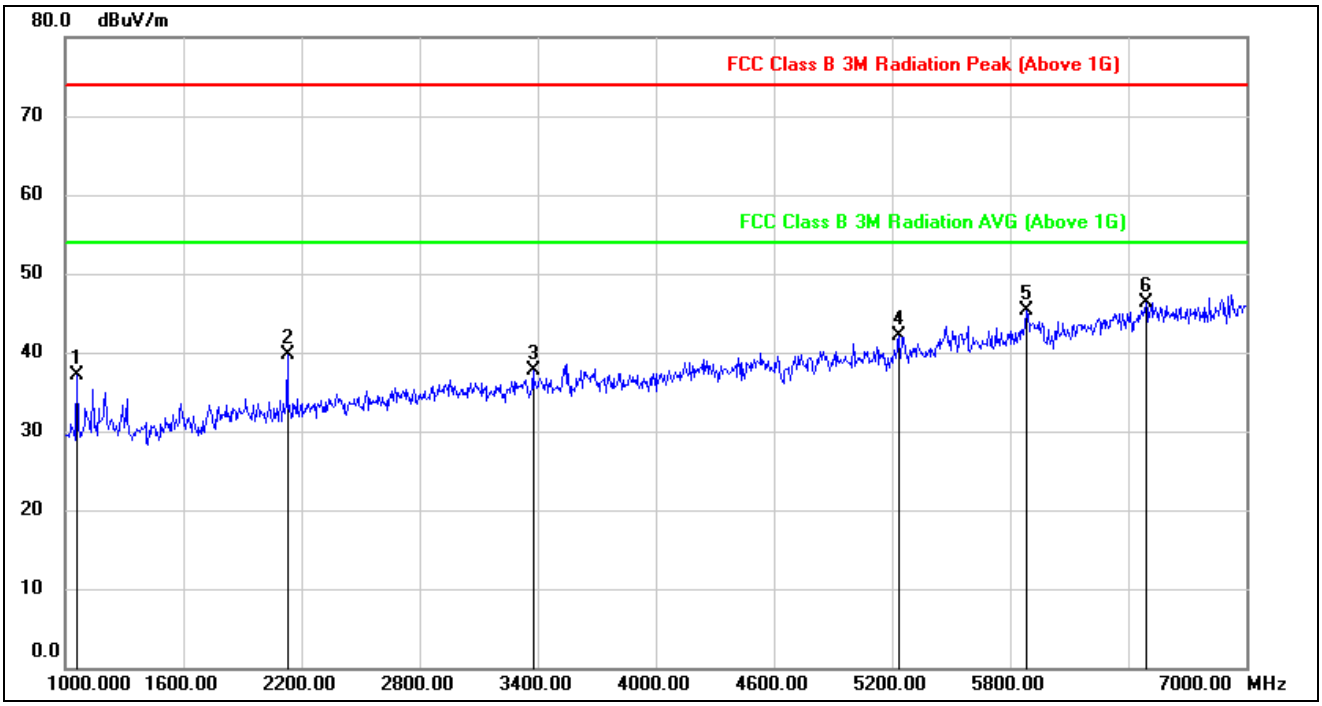
VERTICAL RESULTS
1-7GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1060.000	51.65	-14.51	37.14	74.00	-36.86	peak
2	2128.000	49.83	-10.09	39.74	74.00	-34.26	peak
3	3376.000	43.39	-5.70	37.69	74.00	-36.31	peak
4	5236.000	41.22	0.95	42.17	74.00	-31.83	peak
5	5884.000	40.71	4.55	45.26	74.00	-28.74	peak
6	6490.000	40.59	5.75	46.34	74.00	-27.66	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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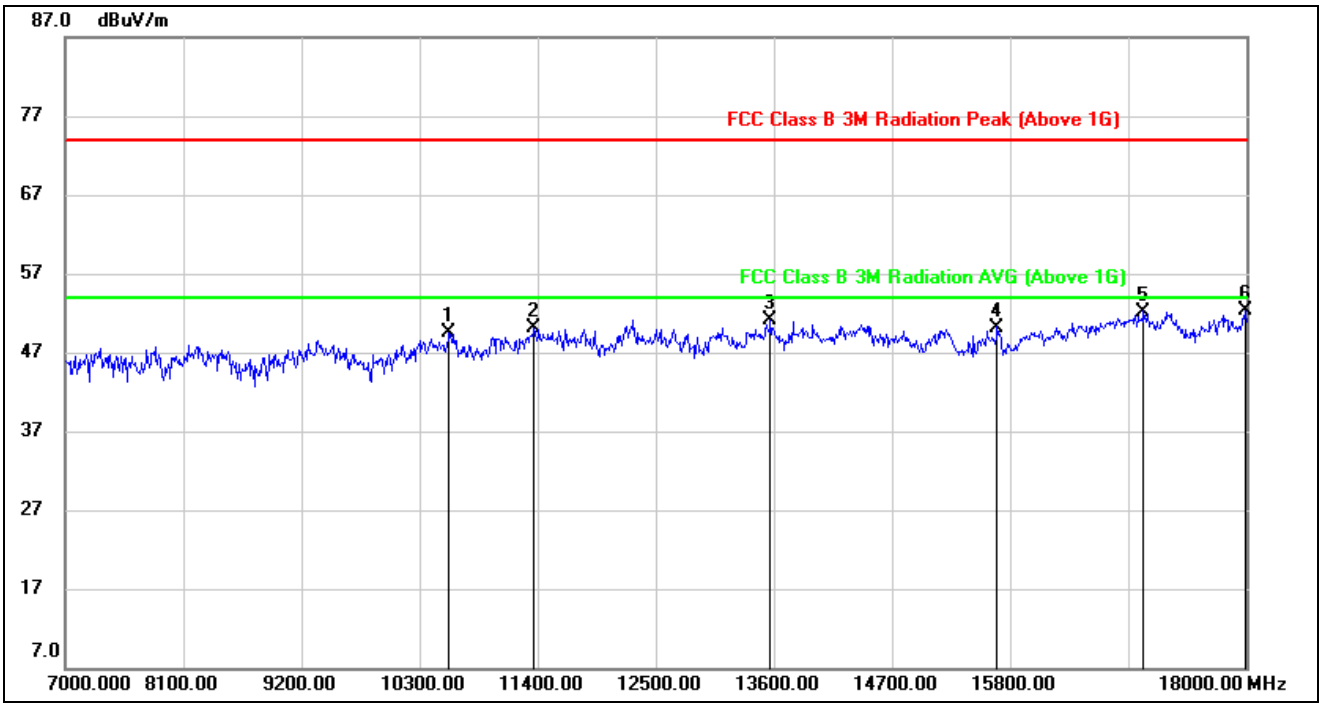
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	10575.000	36.64	12.87	49.51	74.00	-24.49	peak
2	11367.000	36.58	13.58	50.16	74.00	-23.84	peak
3	13567.000	35.04	16.14	51.18	74.00	-22.82	peak
4	15679.000	33.55	16.65	50.20	74.00	-23.80	peak
5	17043.000	31.40	20.80	52.20	74.00	-21.80	peak
6	17989.000	29.23	23.15	52.38	74.00	-21.62	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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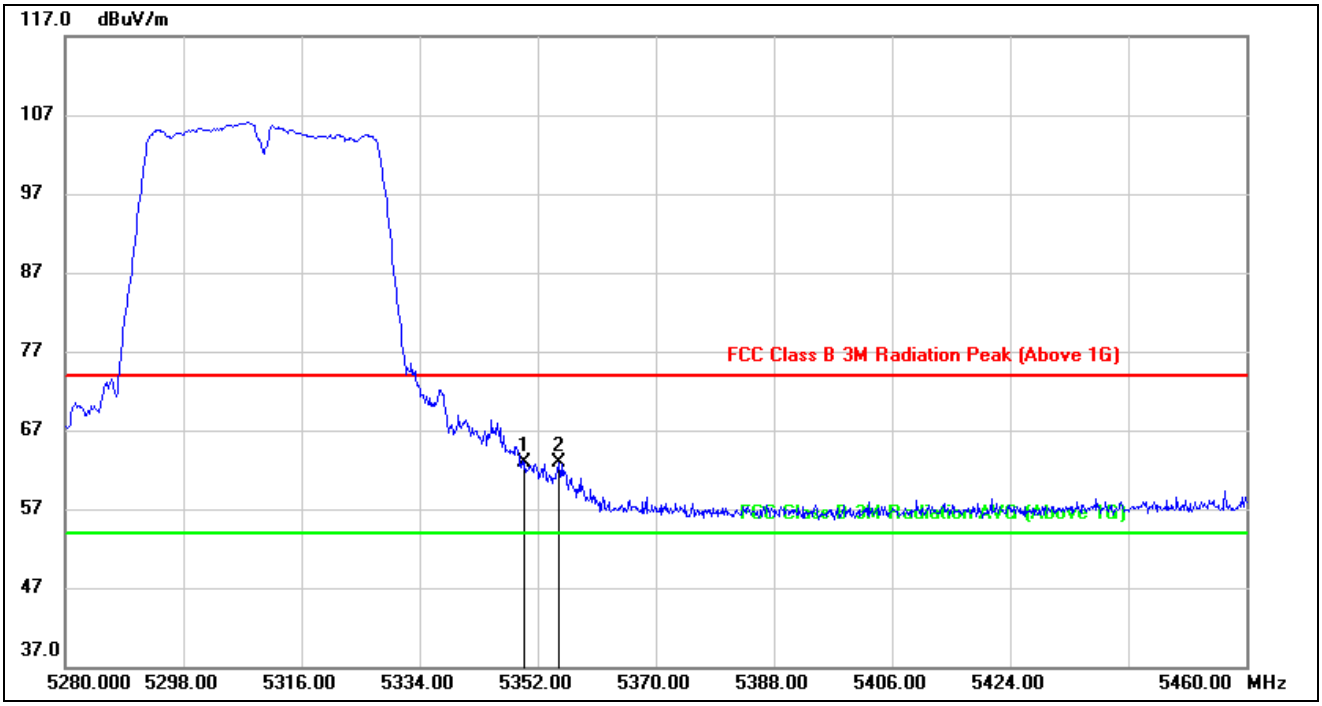
8.3.2. UNII-2A BAND

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	5350.000	22.20	40.64	62.84	74.00	-11.16	peak
2	5355.240	22.22	40.63	62.85	74.00	-11.15	peak

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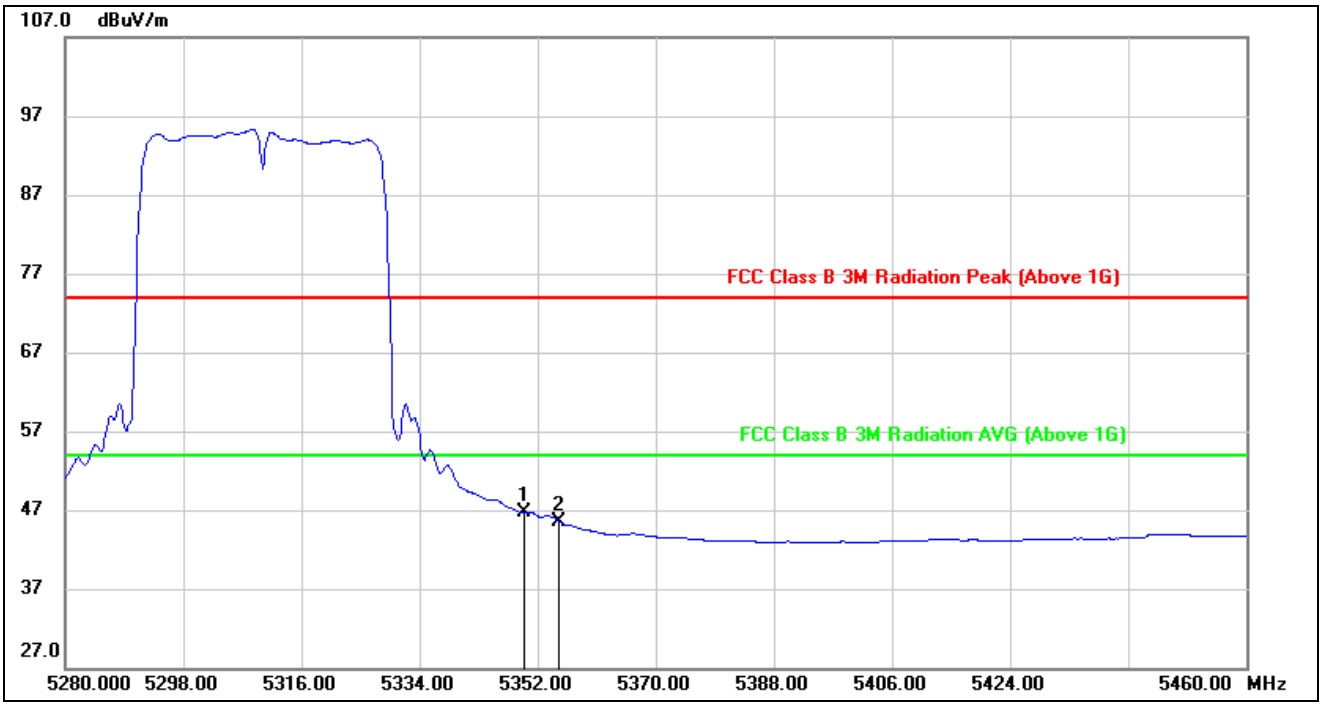
AVG



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	6.10	40.64	46.74	54.00	-7.26	AVG
2	5355.240	4.90	40.63	45.53	54.00	-8.47	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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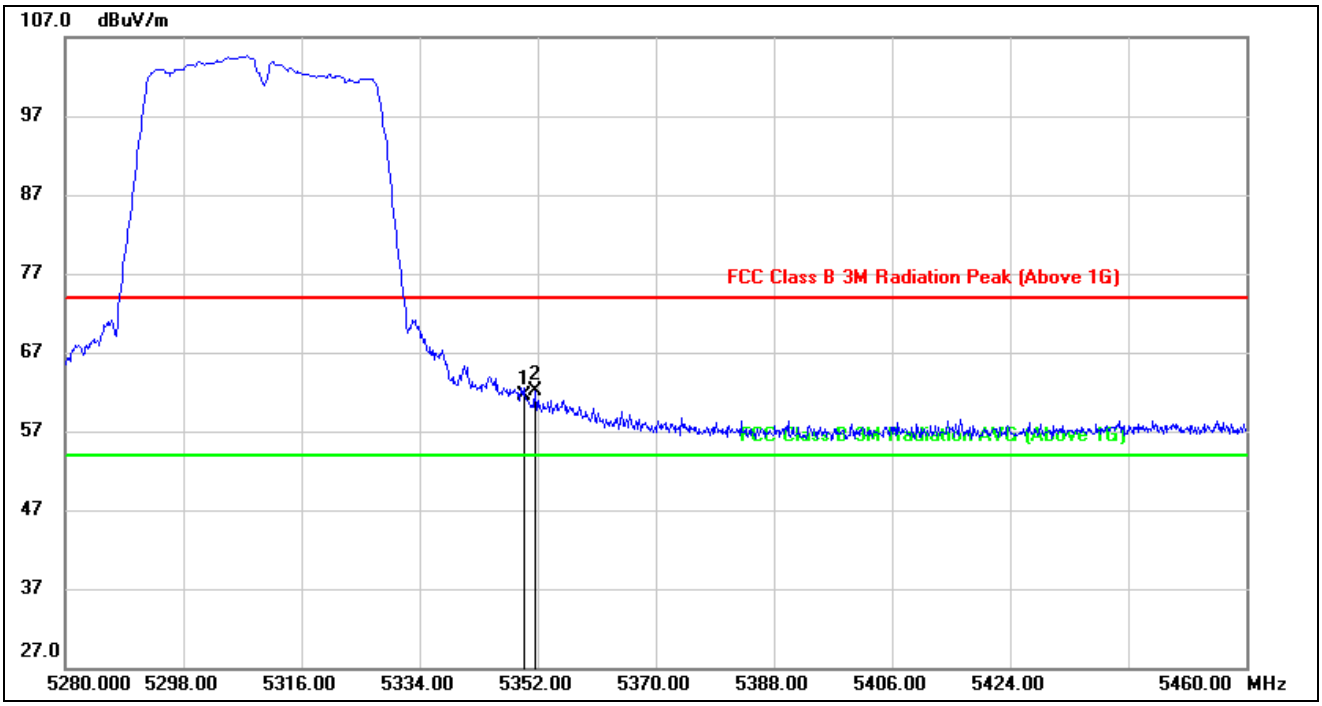
VERTICAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	20.82	40.64	61.46	74.00	-12.54	peak
2	5351.640	21.47	40.63	62.10	74.00	-11.90	peak

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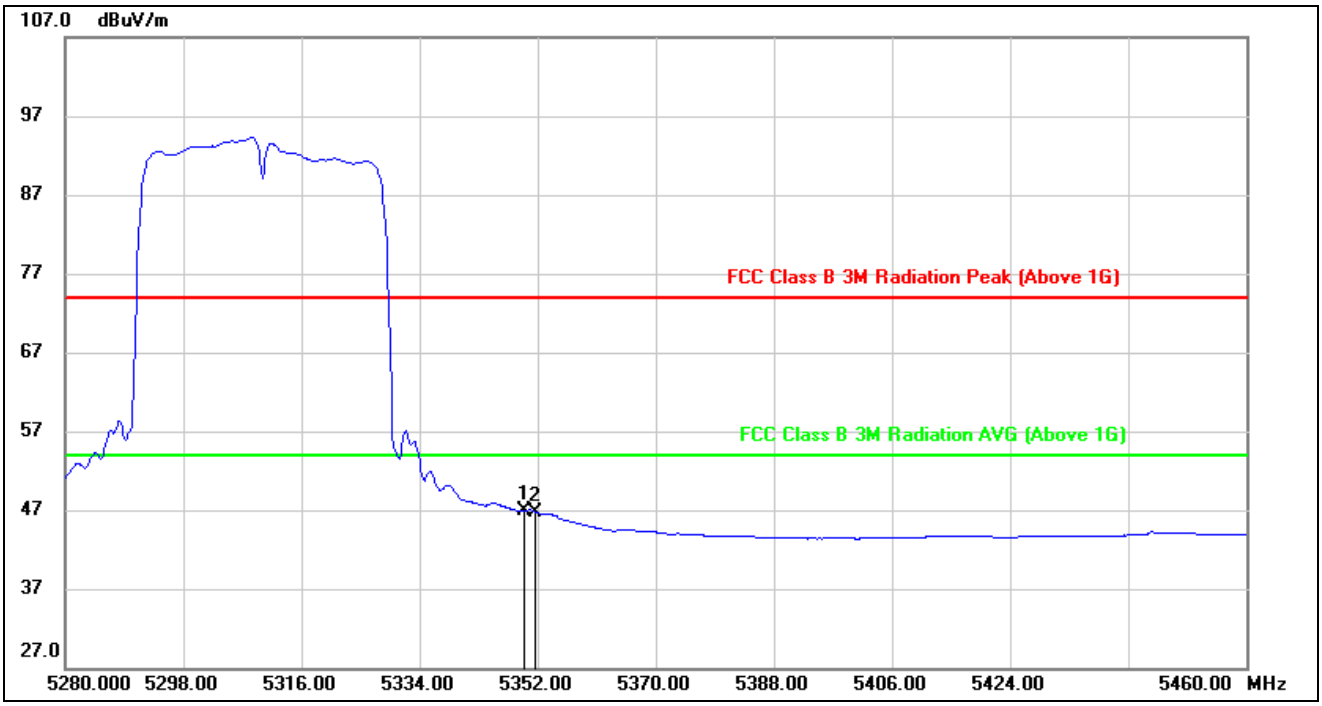
AVG



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	6.27	40.64	46.91	54.00	-7.09	AVG
2	5351.640	6.16	40.63	46.79	54.00	-7.21	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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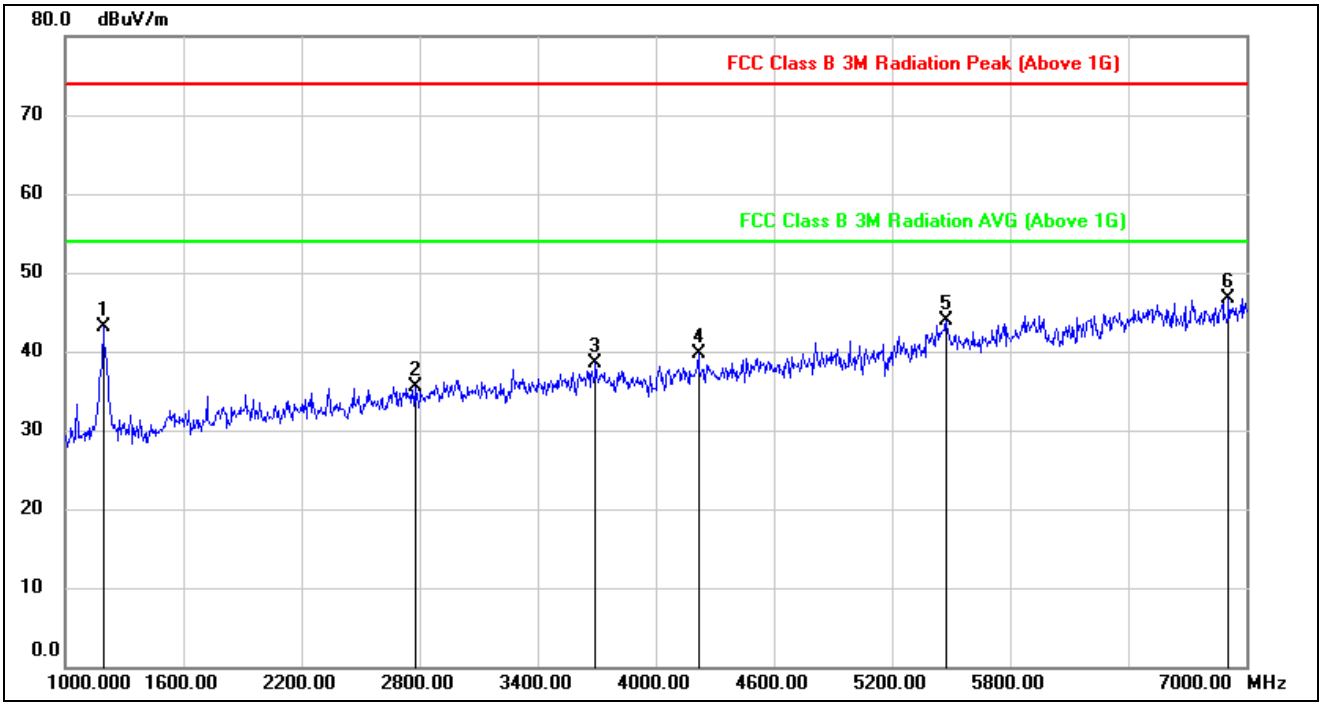
HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1192.000	56.66	-13.58	43.08	74.00	-30.92	peak
2	2776.000	42.93	-7.40	35.53	74.00	-38.47	peak
3	3694.000	42.68	-4.10	38.58	74.00	-35.42	peak
4	4216.000	42.51	-2.87	39.64	74.00	-34.36	peak
5	5476.000	41.84	1.97	43.81	74.00	-30.19	peak
6	6910.000	40.37	6.31	46.68	74.00	-27.32	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 then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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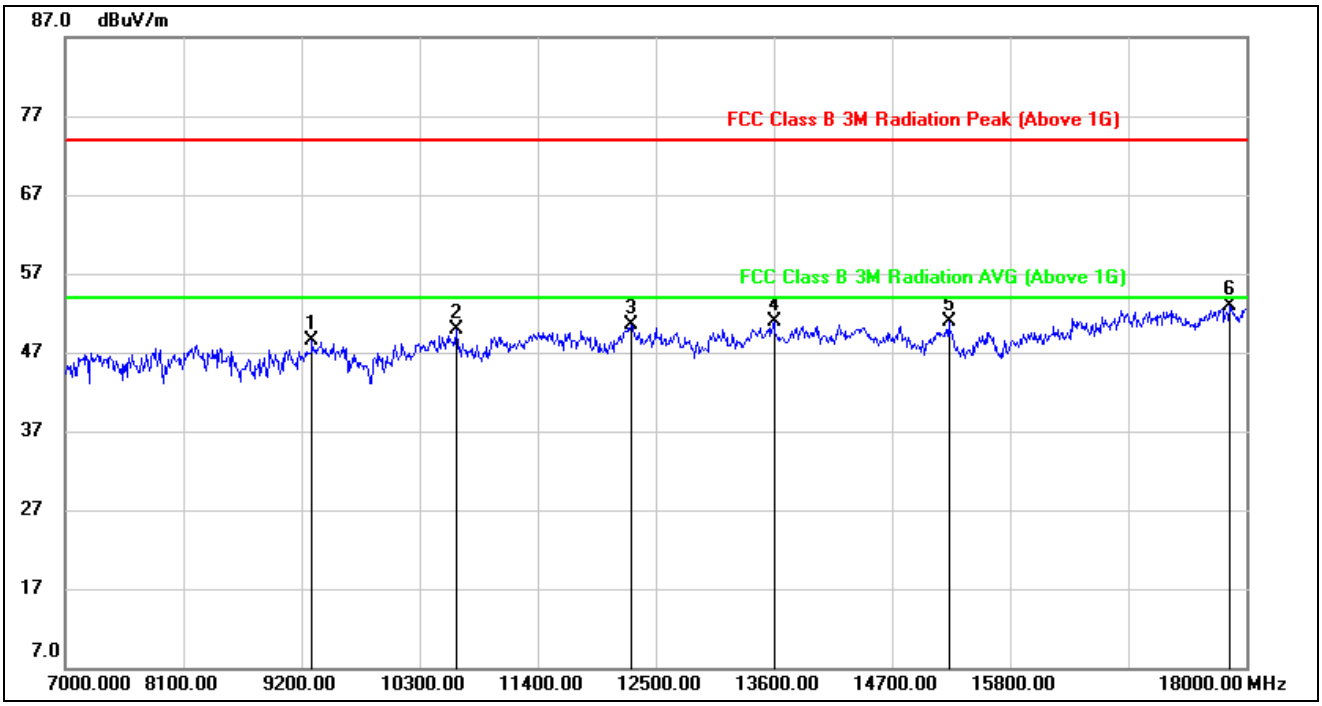
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9299.000	38.31	10.27	48.58	74.00	-25.42	peak
2	10641.000	37.07	12.86	49.93	74.00	-24.07	peak
3	12269.000	35.32	15.09	50.41	74.00	-23.59	peak
4	13600.000	34.60	16.26	50.86	74.00	-23.14	peak
5	15228.000	35.20	15.75	50.95	74.00	-23.05	peak
6	17846.000	29.73	23.18	52.91	74.00	-21.09	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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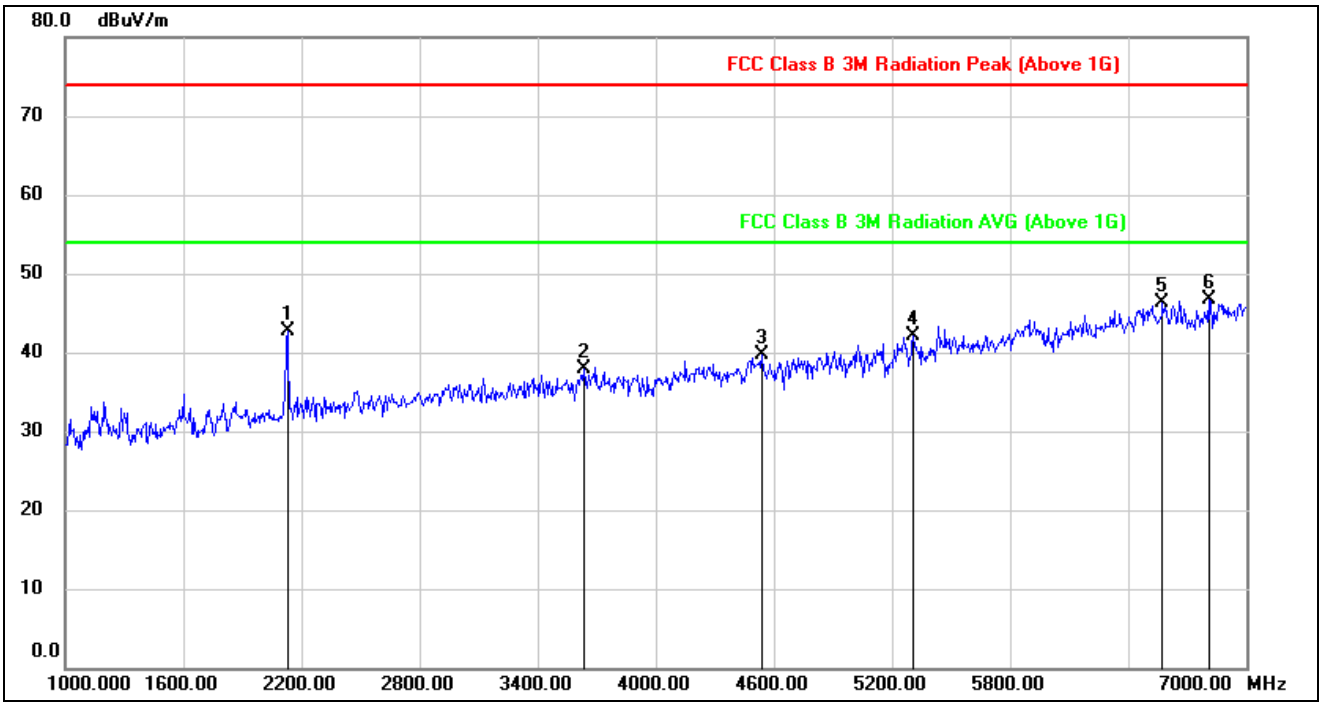
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2128.000	52.79	-10.09	42.70	74.00	-31.30	peak
2	3634.000	42.50	-4.59	37.91	74.00	-36.09	peak
3	4540.000	41.69	-2.07	39.62	74.00	-34.38	peak
4	5308.000	41.05	1.01	42.06	74.00	-31.94	peak
5	6574.000	40.64	5.61	46.25	74.00	-27.75	peak
6	6808.000	41.00	5.66	46.66	74.00	-27.34	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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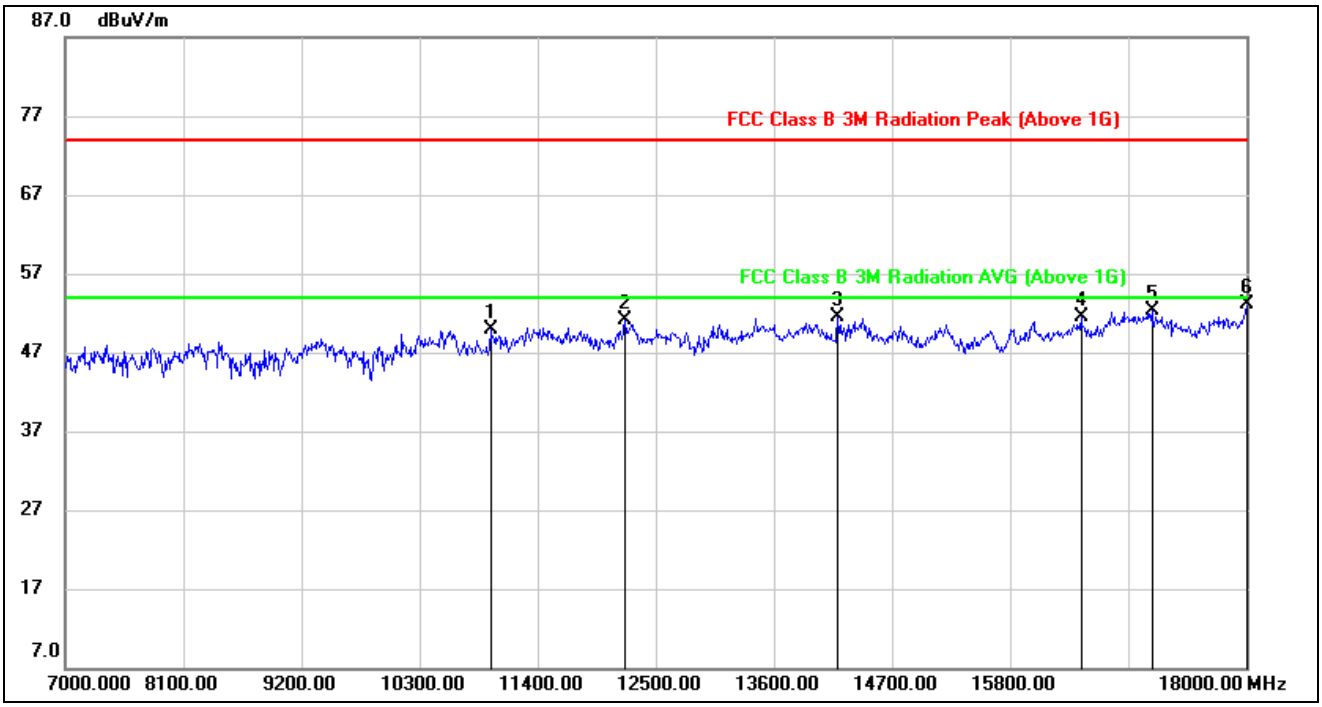
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	10960.000	36.72	13.20	49.92	74.00	-24.08	peak
2	12214.000	36.08	14.96	51.04	74.00	-22.96	peak
3	14194.000	34.67	16.77	51.44	74.00	-22.56	peak
4	16460.000	32.46	19.01	51.47	74.00	-22.53	peak
5	17120.000	31.36	20.95	52.31	74.00	-21.69	peak
6	18000.000	29.90	23.15	53.05	74.00	-20.95	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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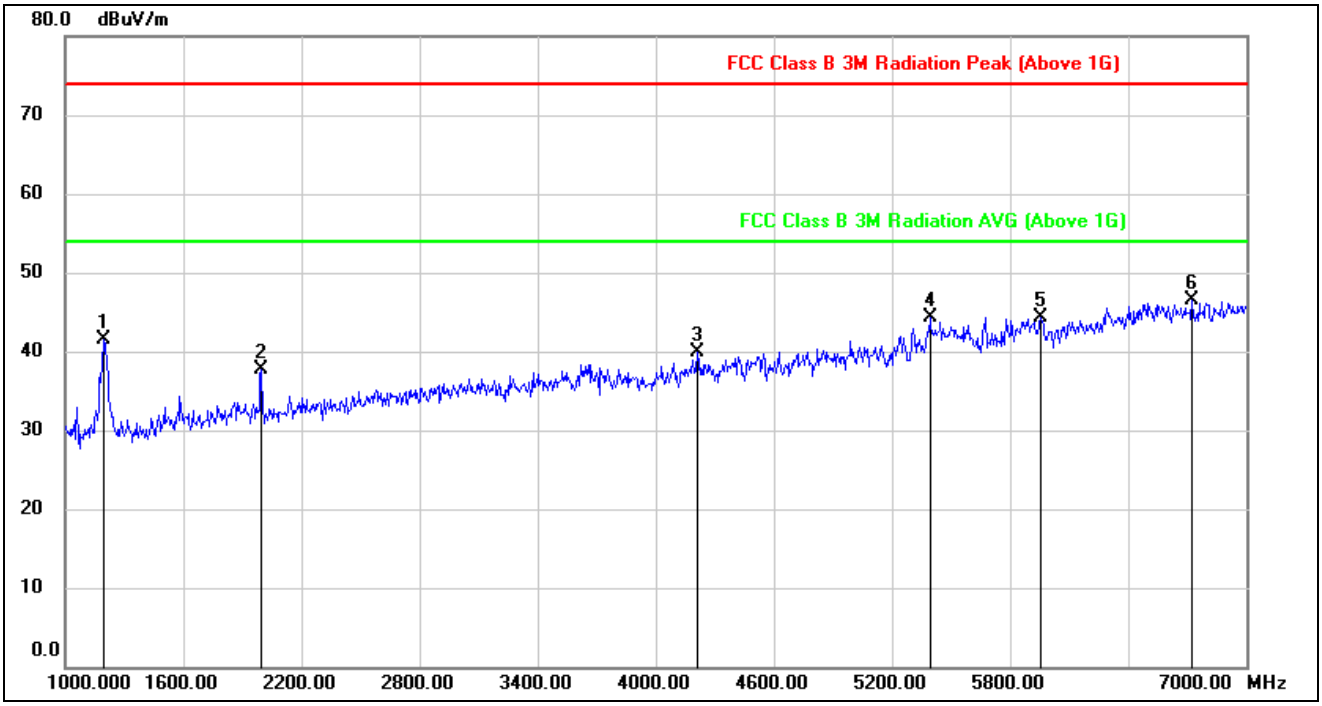
HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1192.000	55.18	-13.58	41.60	74.00	-32.40	peak
2	1996.000	48.49	-10.86	37.63	74.00	-36.37	peak
3	4210.000	42.66	-2.84	39.82	74.00	-34.18	peak
4	5392.000	43.38	0.87	44.25	74.00	-29.75	peak
5	5956.000	40.39	3.99	44.38	74.00	-29.62	peak
6	6724.000	40.82	5.59	46.41	74.00	-27.59	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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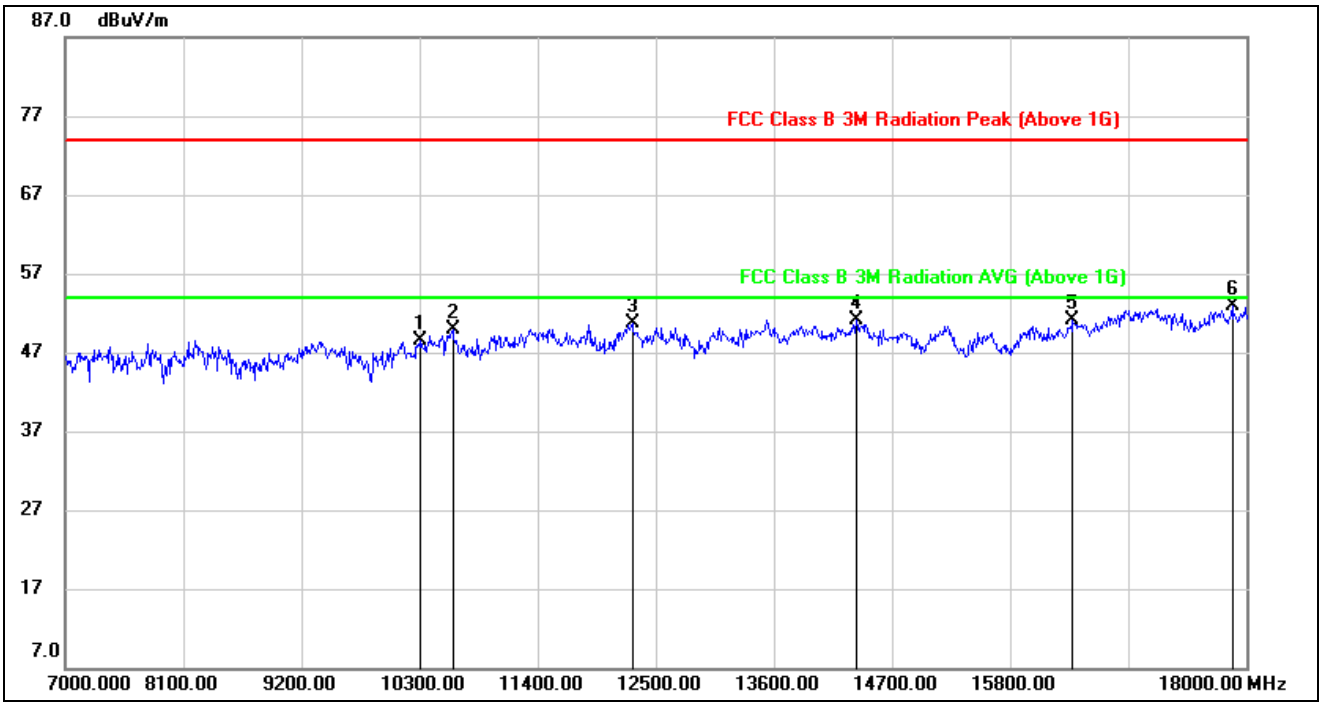
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10311.000	36.72	11.79	48.51	74.00	-25.49	peak
2	10608.000	36.74	13.08	49.82	74.00	-24.18	peak
3	12280.000	35.53	15.12	50.65	74.00	-23.35	peak
4	14370.000	34.51	16.57	51.08	74.00	-22.92	peak
5	16383.000	32.40	18.66	51.06	74.00	-22.94	peak
6	17868.000	29.76	23.16	52.92	74.00	-21.08	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. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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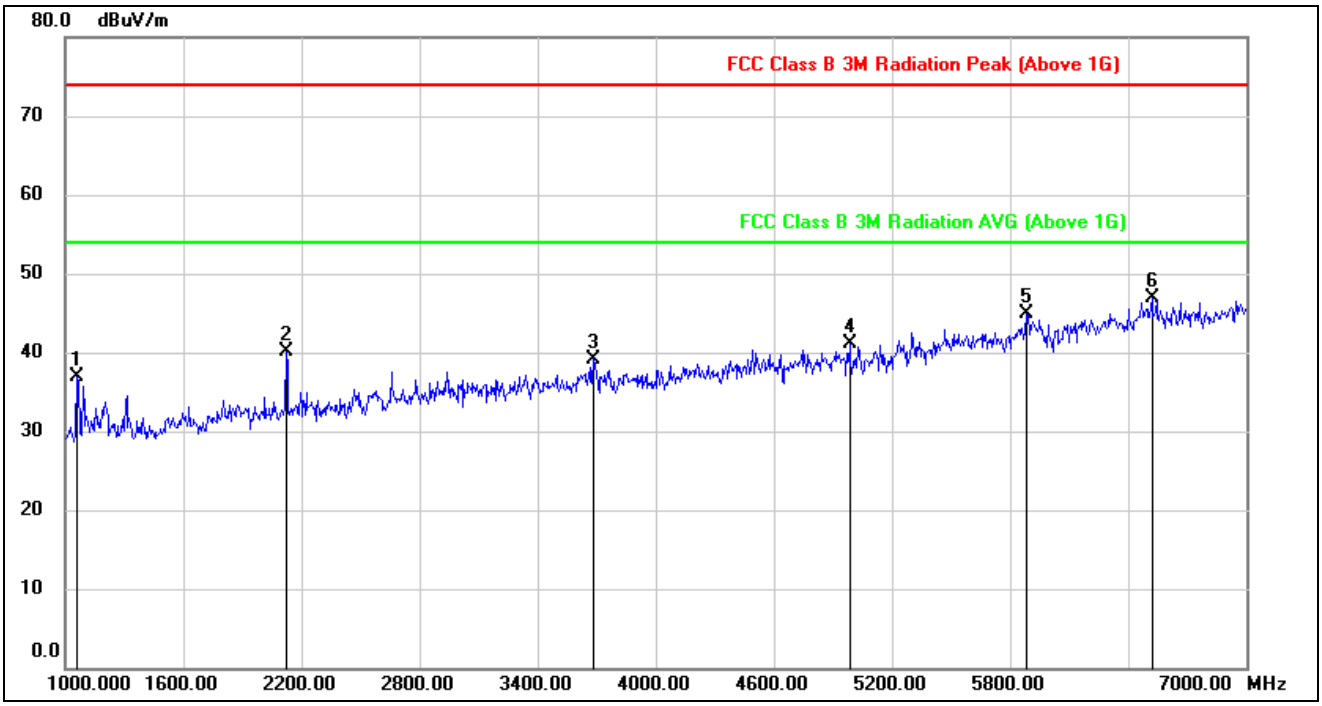
VERTICAL RESULTS
1-7GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1060.000	51.49	-14.51	36.98	74.00	-37.02	peak
2	2122.000	50.29	-10.11	40.18	74.00	-33.82	peak
3	3682.000	43.40	-4.20	39.20	74.00	-34.80	peak
4	4984.000	41.24	-0.19	41.05	74.00	-32.95	peak
5	5884.000	40.34	4.55	44.89	74.00	-29.11	peak
6	6520.000	41.05	5.81	46.86	74.00	-27.14	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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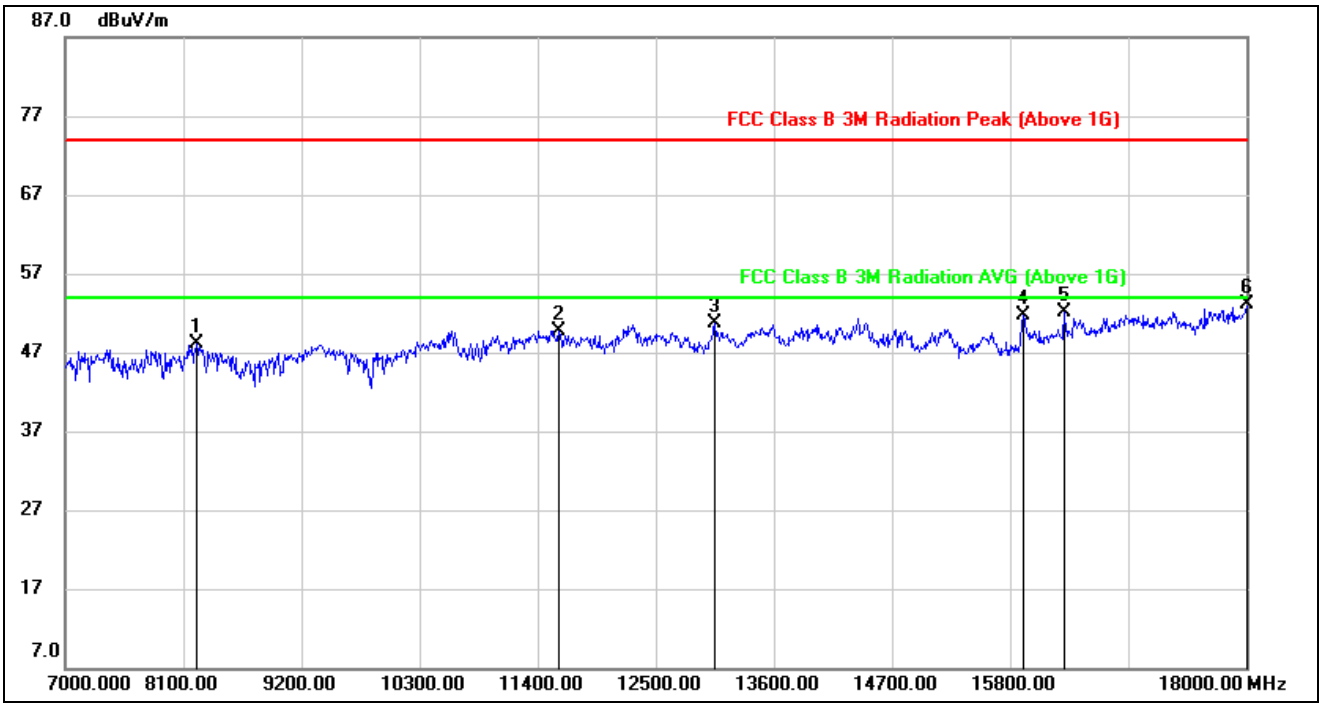
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8221.000	38.13	9.99	48.12	74.00	-25.88	peak
2	11598.000	35.41	14.32	49.73	74.00	-24.27	peak
3	13050.000	35.54	15.17	50.71	74.00	-23.29	peak
4	15921.000	34.47	17.20	51.67	74.00	-22.33	peak
5	16306.000	33.80	18.23	52.03	74.00	-21.97	peak
6	18000.000	29.97	23.15	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. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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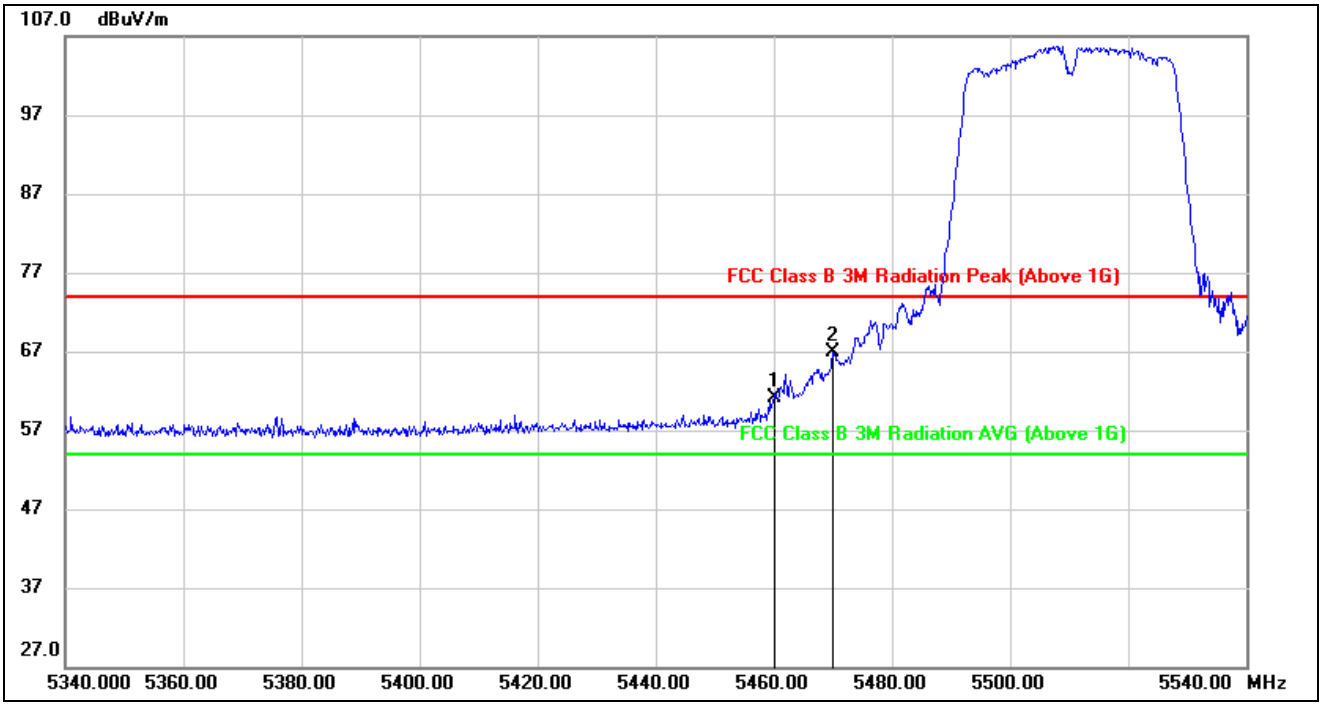
8.3.3. UNII-2C BAND

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	5460.000	19.77	41.28	61.05	74.00	-12.95	peak
2	5470.000	25.51	41.41	66.92	74.00	-7.08	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.*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.

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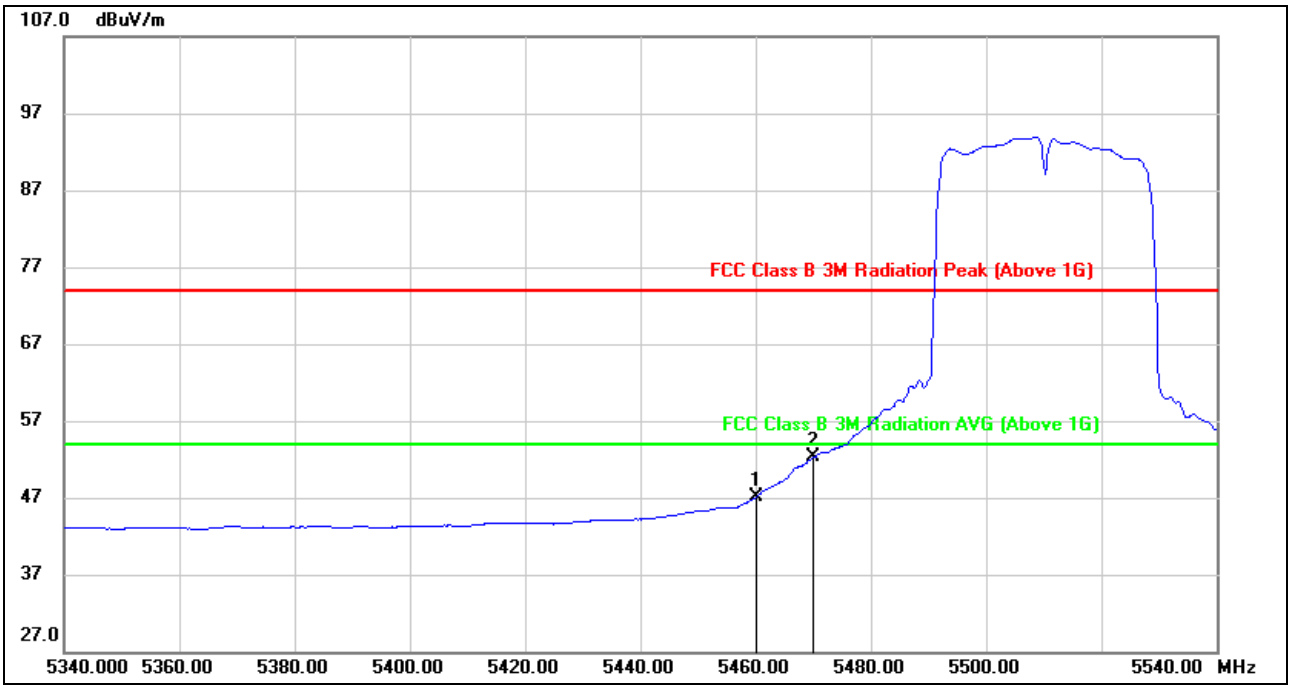
AVG



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5460.000	5.76	41.28	47.04	54.00	-6.96	AVG
2	5470.000	10.80	41.41	52.21	54.00	-1.79	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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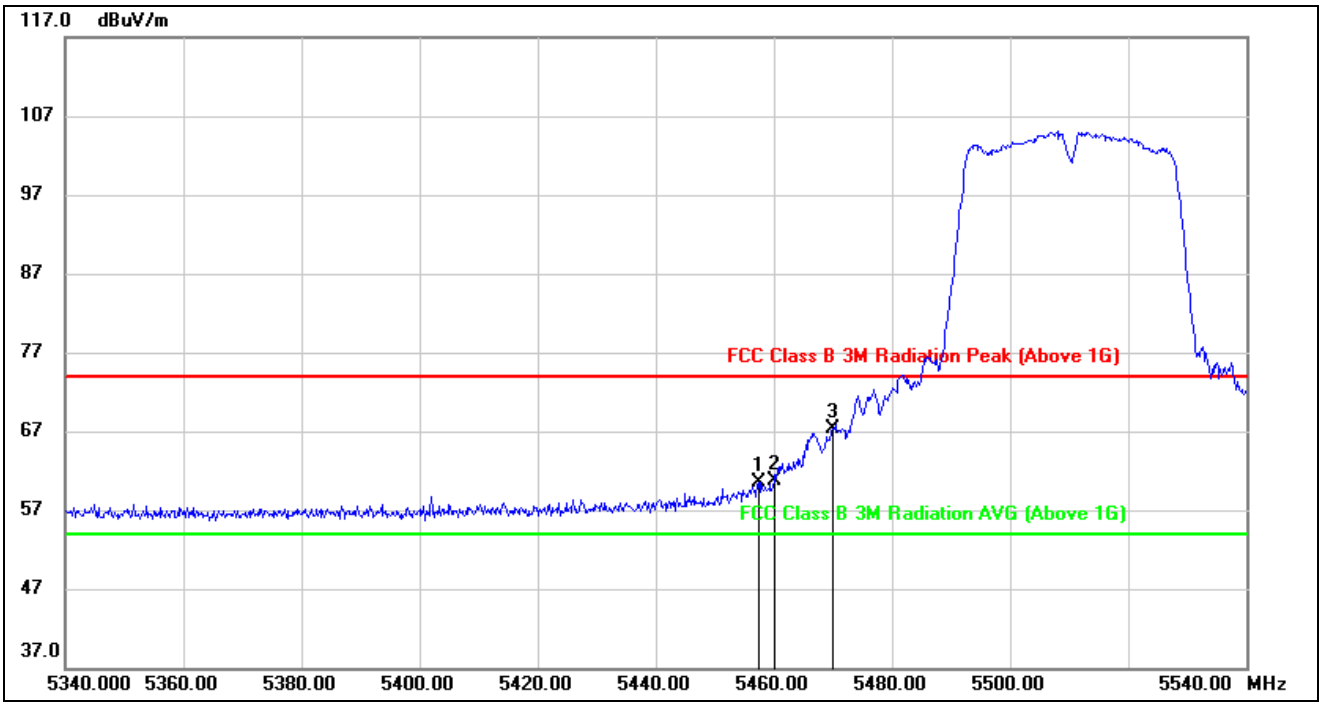
VERTICAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5457.400	19.34	41.25	60.59	74.00	-13.41	peak
2	5460.000	19.50	41.28	60.78	74.00	-13.22	peak
3	5470.000	25.89	41.41	67.30	74.00	-6.70	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.*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.

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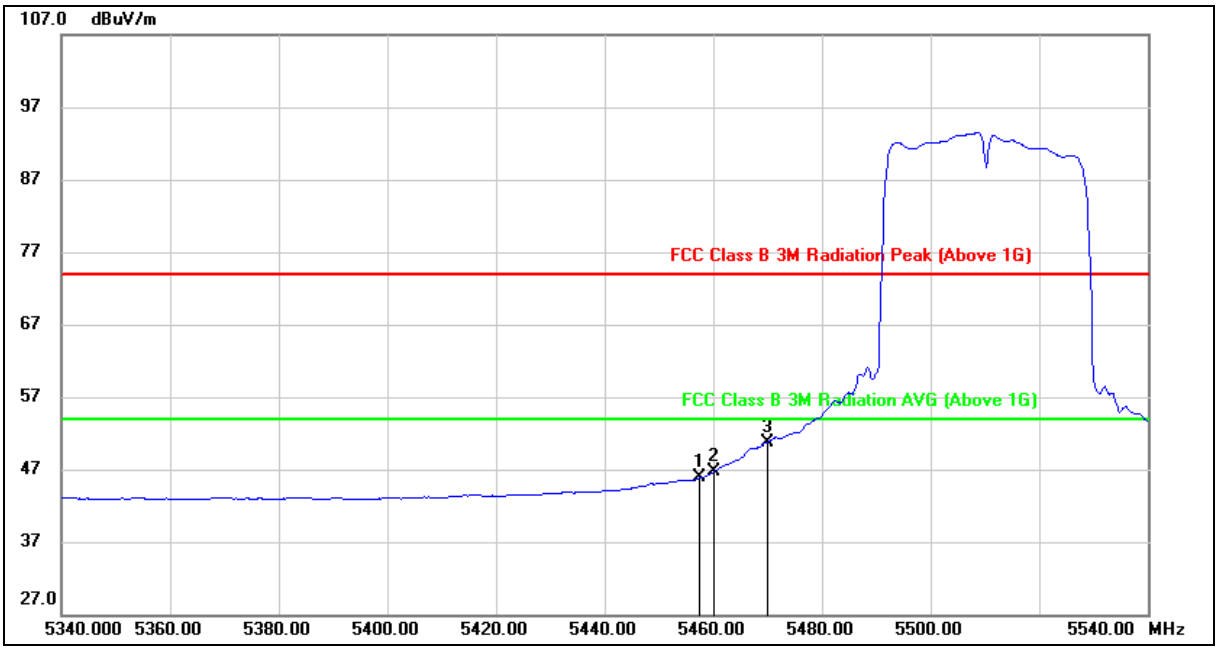
AVG



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5457.400	4.59	41.25	45.84	54.00	-8.16	AVG
2	5460.000	5.34	41.28	46.62	54.00	-7.38	AVG
3	5470.000	9.37	41.41	50.78	54.00	-3.22	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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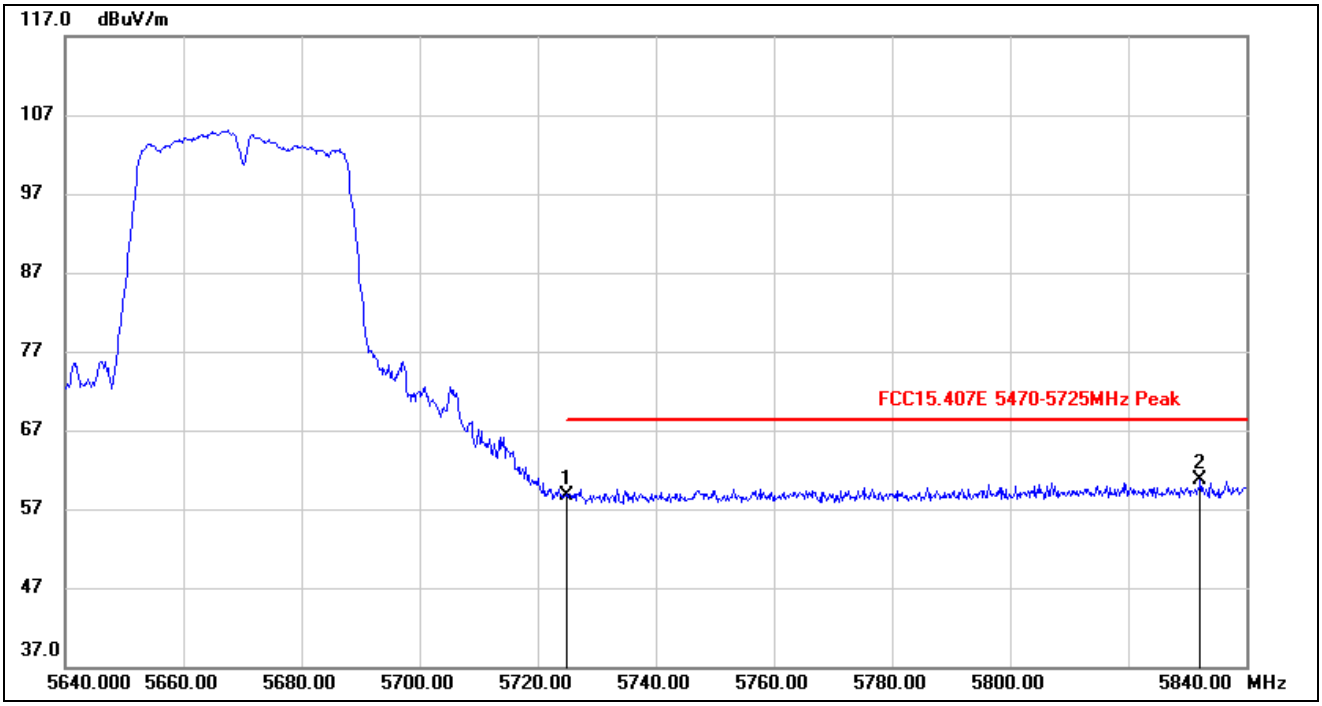
RESTRICTED BANDEDGE HIGH CHANNEL

HORIZONTAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5725.000	17.19	41.61	58.80	68.20	-9.40	peak
2	5832.200	18.14	42.55	60.69	68.20	-7.51	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.*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.

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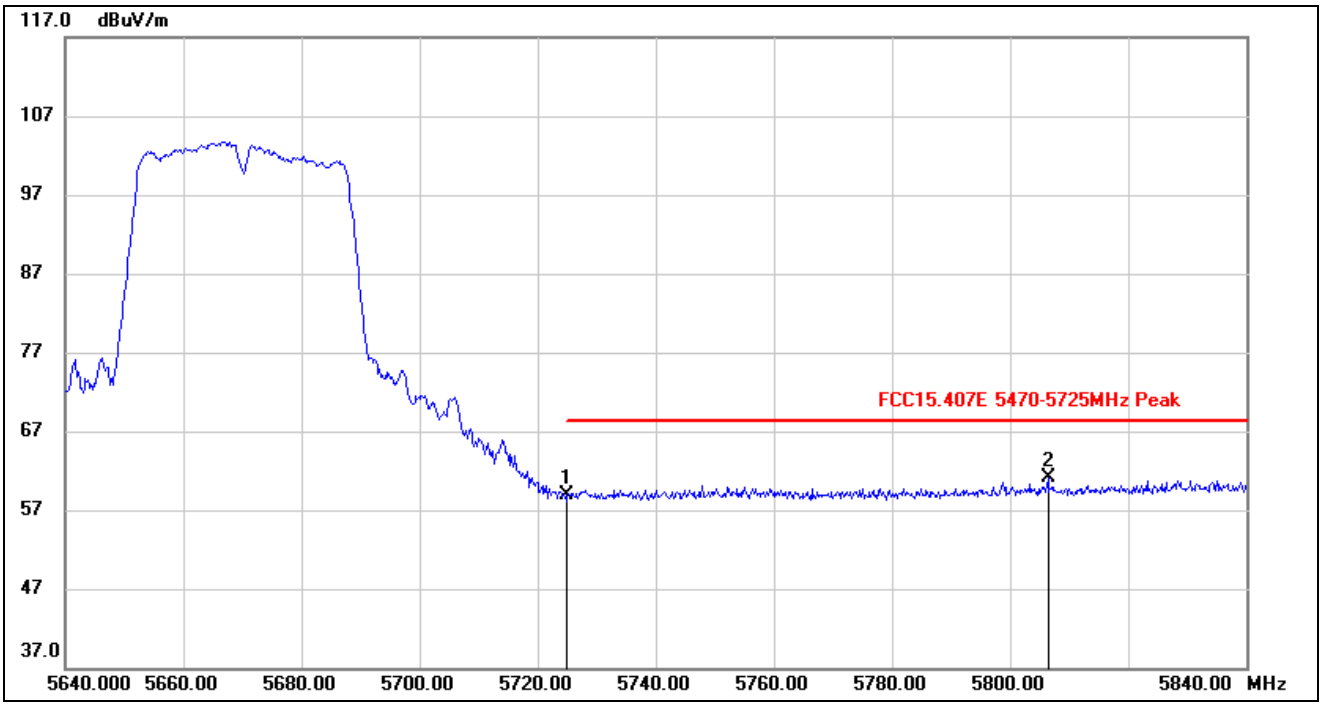
VERTICAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5725.000	17.30	41.61	58.91	68.20	-9.29	peak
2	5806.400	19.07	42.06	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.

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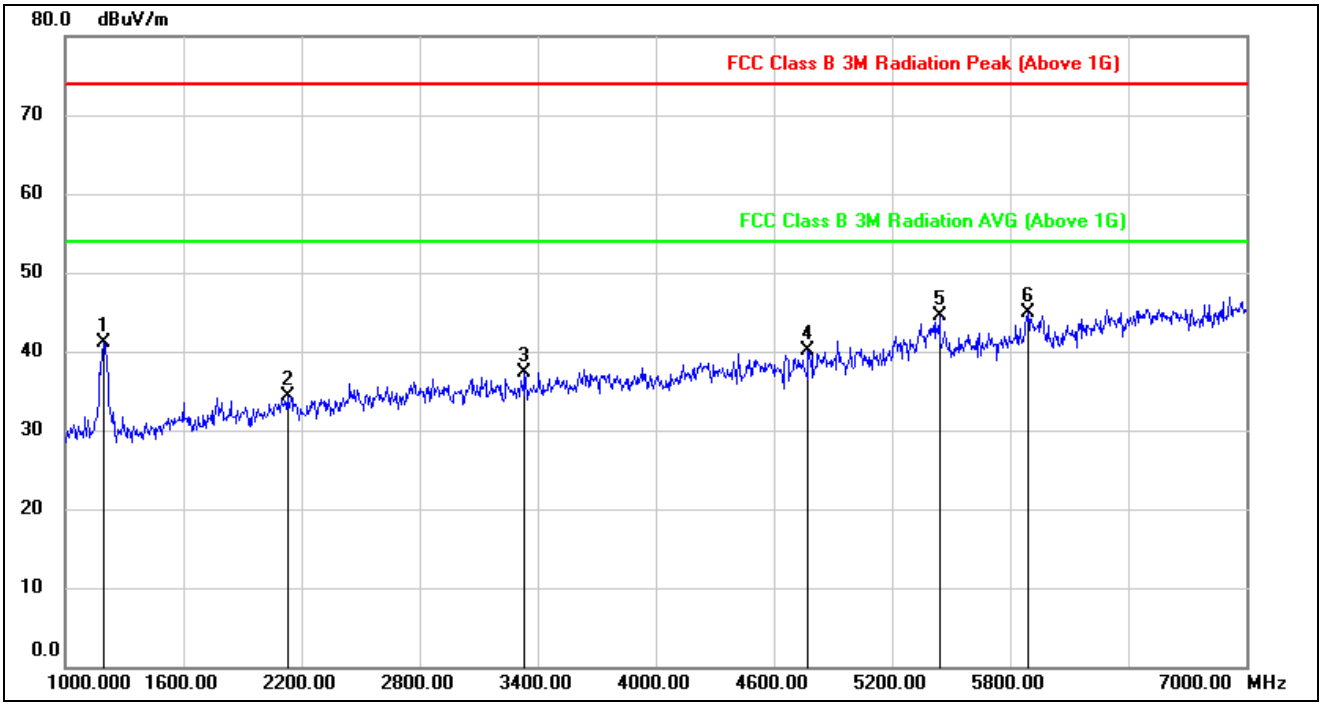
HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.000	54.53	-13.52	41.01	74.00	-32.99	peak
2	2128.000	44.45	-10.09	34.36	74.00	-39.64	peak
3	3334.000	42.90	-5.62	37.28	74.00	-36.72	peak
4	4774.000	41.23	-1.05	40.18	74.00	-33.82	peak
5	5440.000	43.06	1.45	44.51	74.00	-29.49	peak
6	5890.000	40.28	4.68	44.96	74.00	-29.04	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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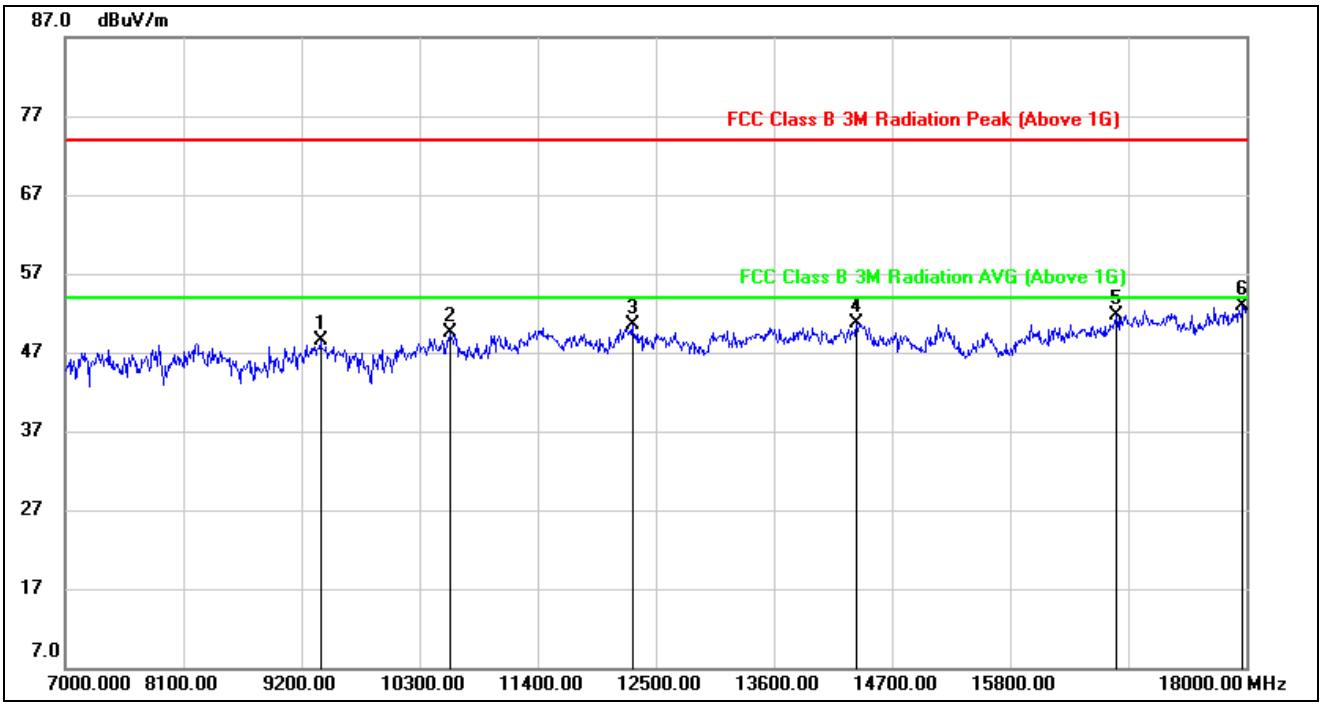
HORIZONTAL RESULTS
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	9376.000	37.77	10.64	48.41	74.00	-25.59	peak
2	10586.000	36.47	13.00	49.47	74.00	-24.53	peak
3	12280.000	35.33	15.12	50.45	74.00	-23.55	peak
4	14370.000	34.13	16.57	50.70	74.00	-23.30	peak
5	16790.000	31.67	20.10	51.77	74.00	-22.23	peak
6	17967.000	29.71	23.15	52.86	74.00	-21.14	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. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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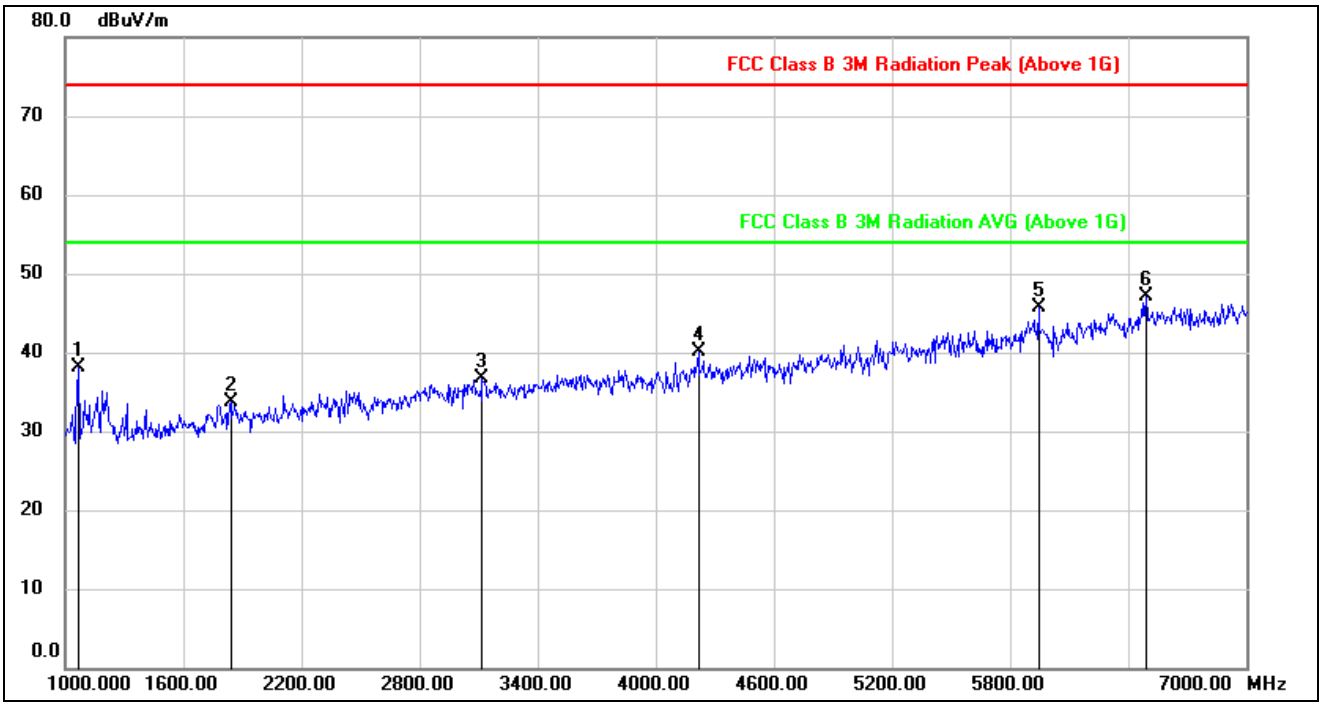
VERTICAL RESULTS
1-7GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1066.000	52.54	-14.50	38.04	74.00	-35.96	peak
2	1840.000	44.61	-10.88	33.73	74.00	-40.27	peak
3	3118.000	42.34	-5.70	36.64	74.00	-37.36	peak
4	4216.000	42.99	-2.87	40.12	74.00	-33.88	peak
5	5944.000	41.50	4.17	45.67	74.00	-28.33	peak
6	6490.000	41.33	5.75	47.08	74.00	-26.92	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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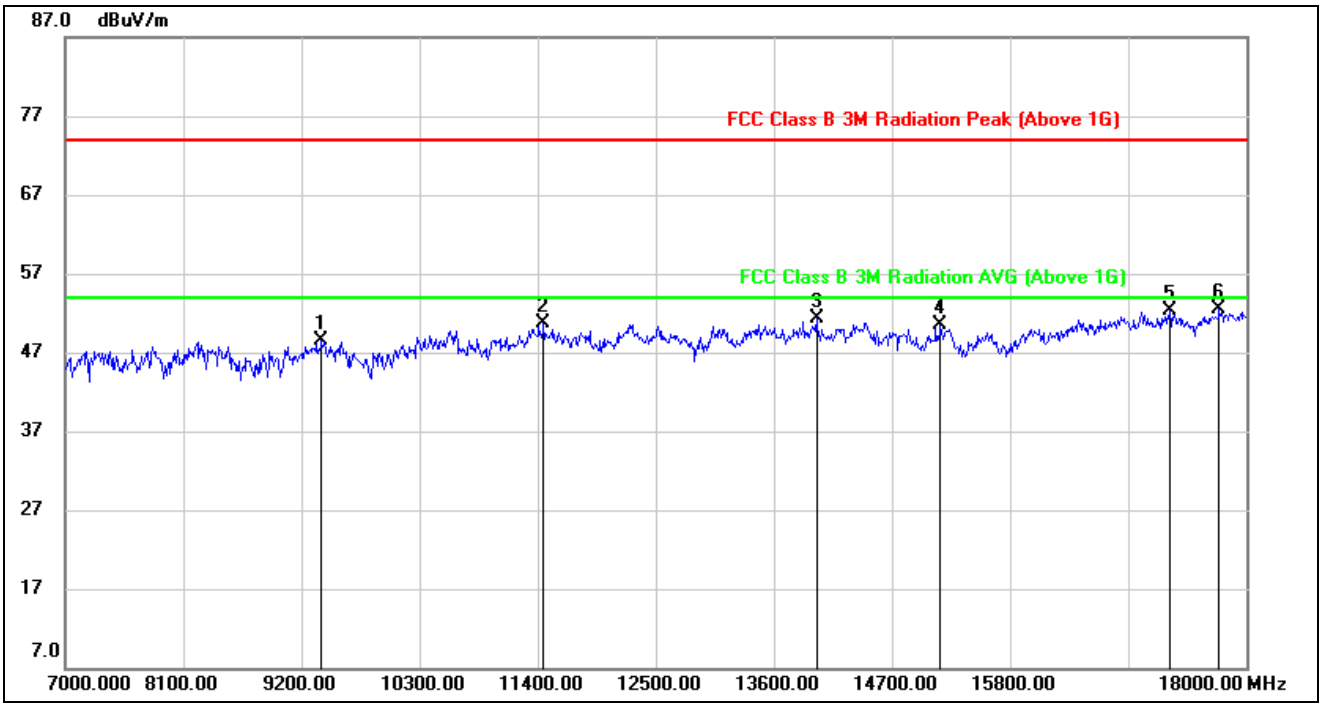
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	9387.000	37.87	10.68	48.55	74.00	-25.45	peak
2	11455.000	36.54	14.11	50.65	74.00	-23.35	peak
3	13996.000	34.71	16.51	51.22	74.00	-22.78	peak
4	15151.000	34.72	15.77	50.49	74.00	-23.51	peak
5	17285.000	30.43	21.78	52.21	74.00	-21.79	peak
6	17747.000	29.78	22.71	52.49	74.00	-21.51	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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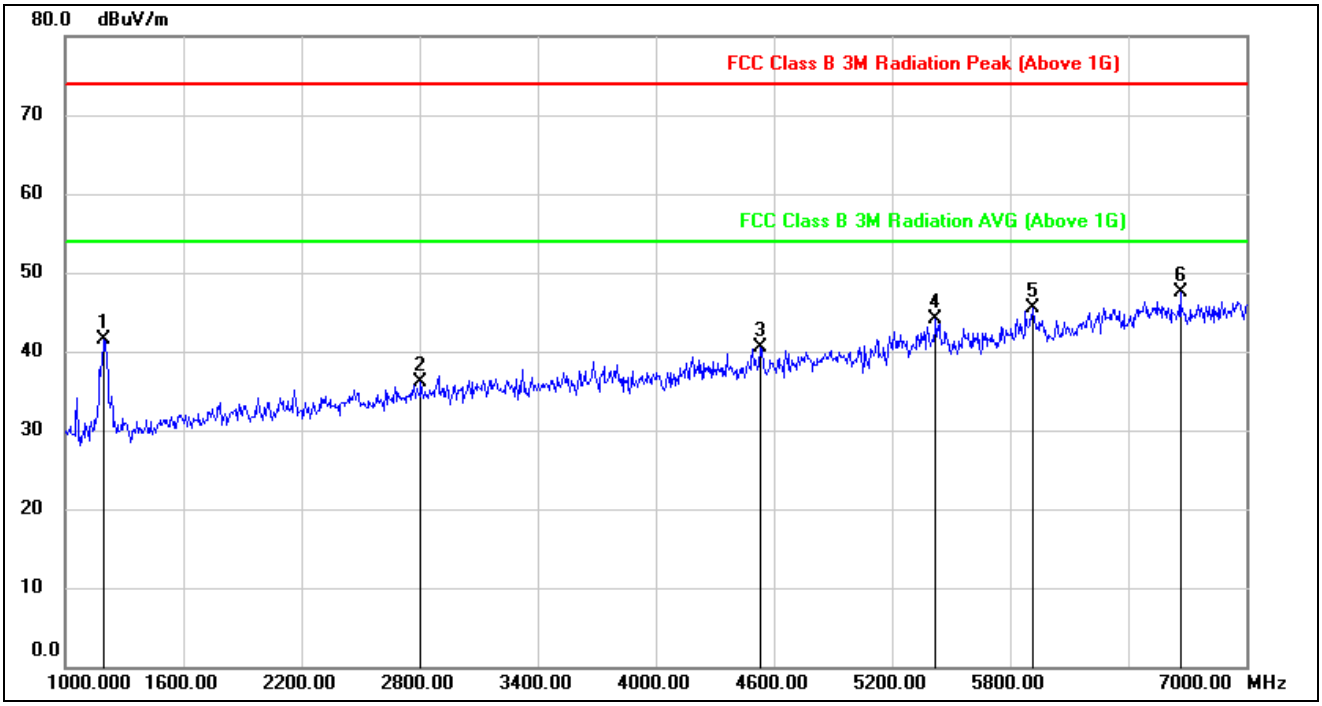
HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.000	54.93	-13.52	41.41	74.00	-32.59	peak
2	2806.000	43.40	-7.21	36.19	74.00	-37.81	peak
3	4528.000	42.49	-2.08	40.41	74.00	-33.59	peak
4	5422.000	42.89	1.19	44.08	74.00	-29.92	peak
5	5914.000	40.91	4.65	45.56	74.00	-28.44	peak
6	6664.000	41.84	5.58	47.42	74.00	-26.58	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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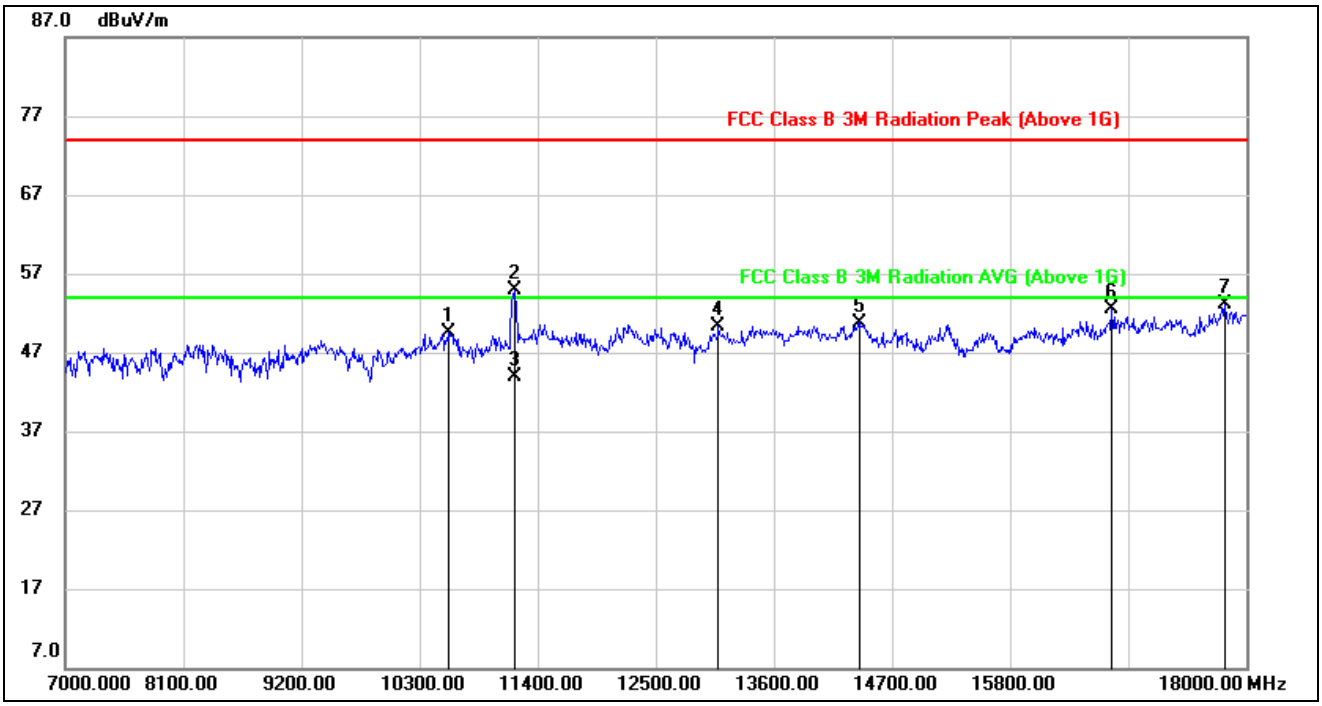
HORIZONTAL RESULTS
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	10564.000	36.83	12.76	49.59	74.00	-24.41	peak
2	11180.000	41.50	13.50	55.00	74.00	-19.00	peak
3	11180.000	30.39	13.50	43.89	54.00	-10.11	AVG
4	13083.000	35.06	15.27	50.33	74.00	-23.67	peak
5	14392.000	34.19	16.61	50.80	74.00	-23.20	peak
6	16746.000	32.46	20.01	52.47	74.00	-21.53	peak
7	17802.000	29.90	23.19	53.09	74.00	-20.91	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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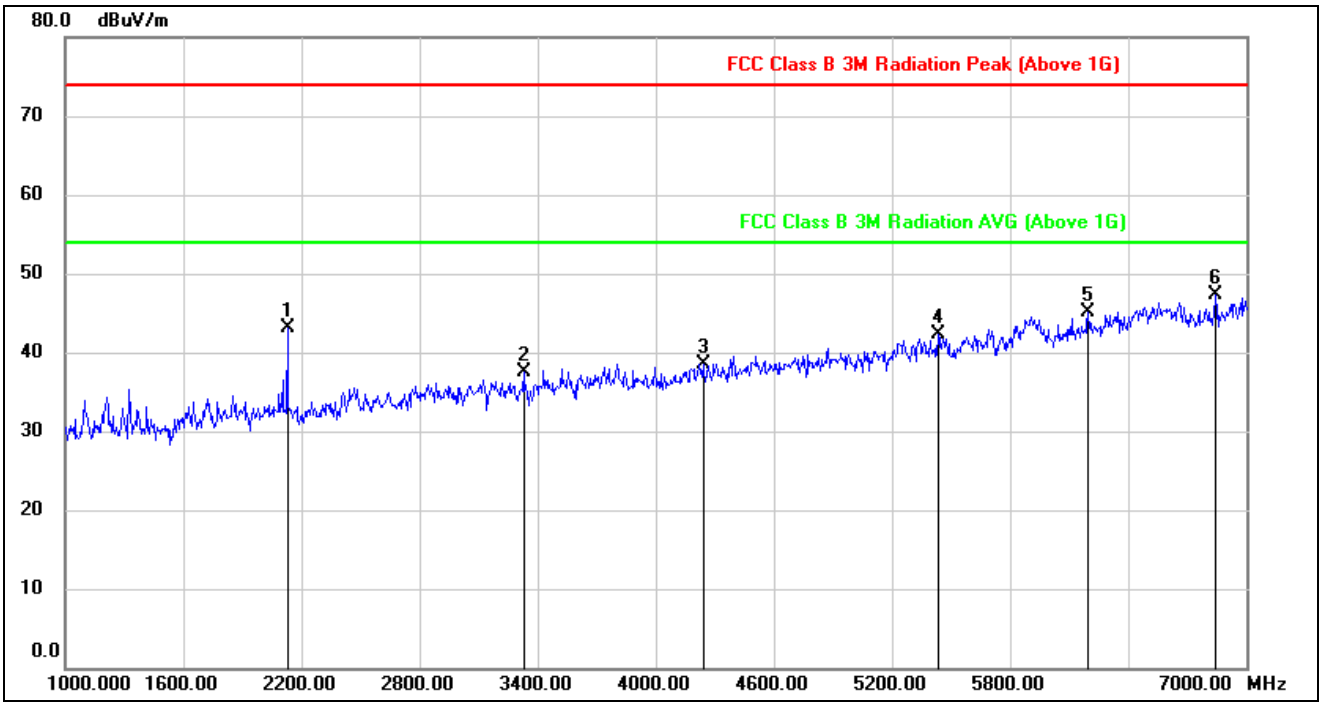
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2128.000	53.25	-10.09	43.16	74.00	-30.84	peak
2	3328.000	43.10	-5.62	37.48	74.00	-36.52	peak
3	4240.000	41.56	-2.99	38.57	74.00	-35.43	peak
4	5434.000	40.96	1.36	42.32	74.00	-31.68	peak
5	6196.000	41.42	3.73	45.15	74.00	-28.85	peak
6	6844.000	41.36	5.90	47.26	74.00	-26.74	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 then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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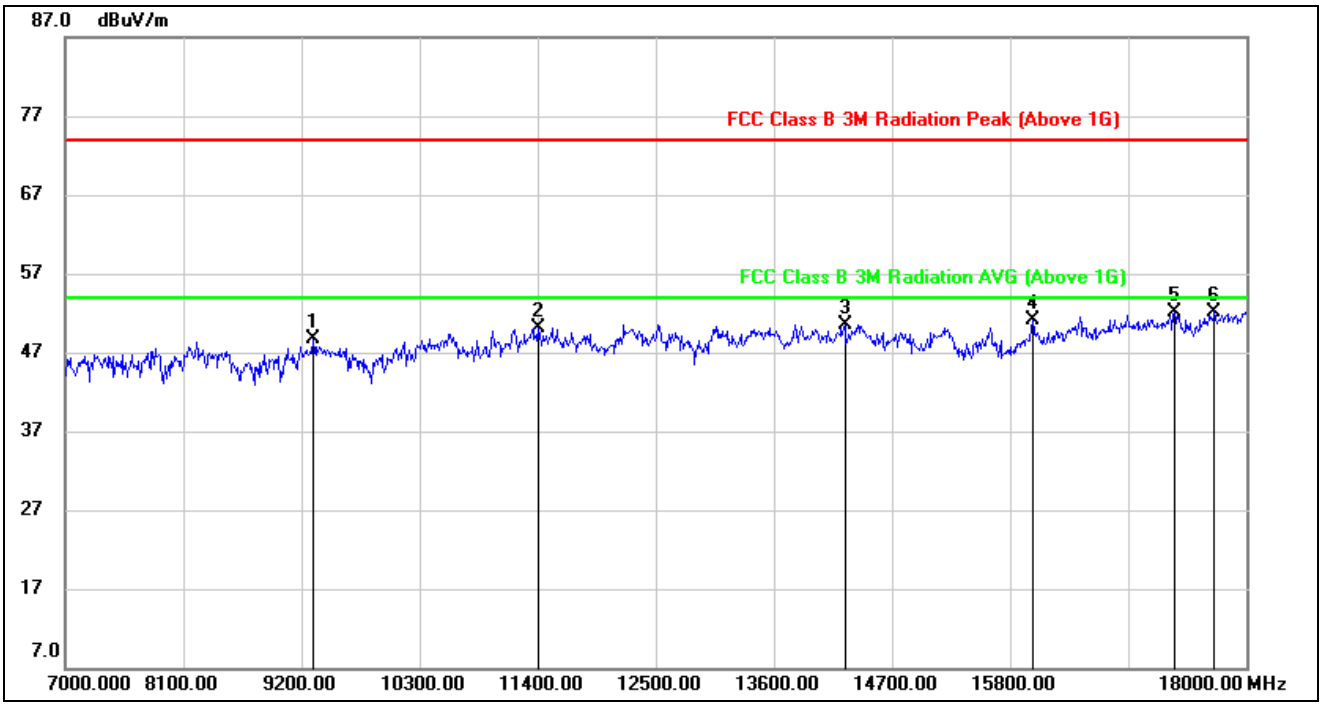
VERTICAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9310.000	38.29	10.32	48.61	74.00	-25.39	peak
2	11400.000	36.37	13.74	50.11	74.00	-23.89	peak
3	14260.000	33.96	16.59	50.55	74.00	-23.45	peak
4	16009.000	33.70	17.41	51.11	74.00	-22.89	peak
5	17329.000	30.20	21.81	52.01	74.00	-21.99	peak
6	17703.000	29.88	22.32	52.20	74.00	-21.80	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. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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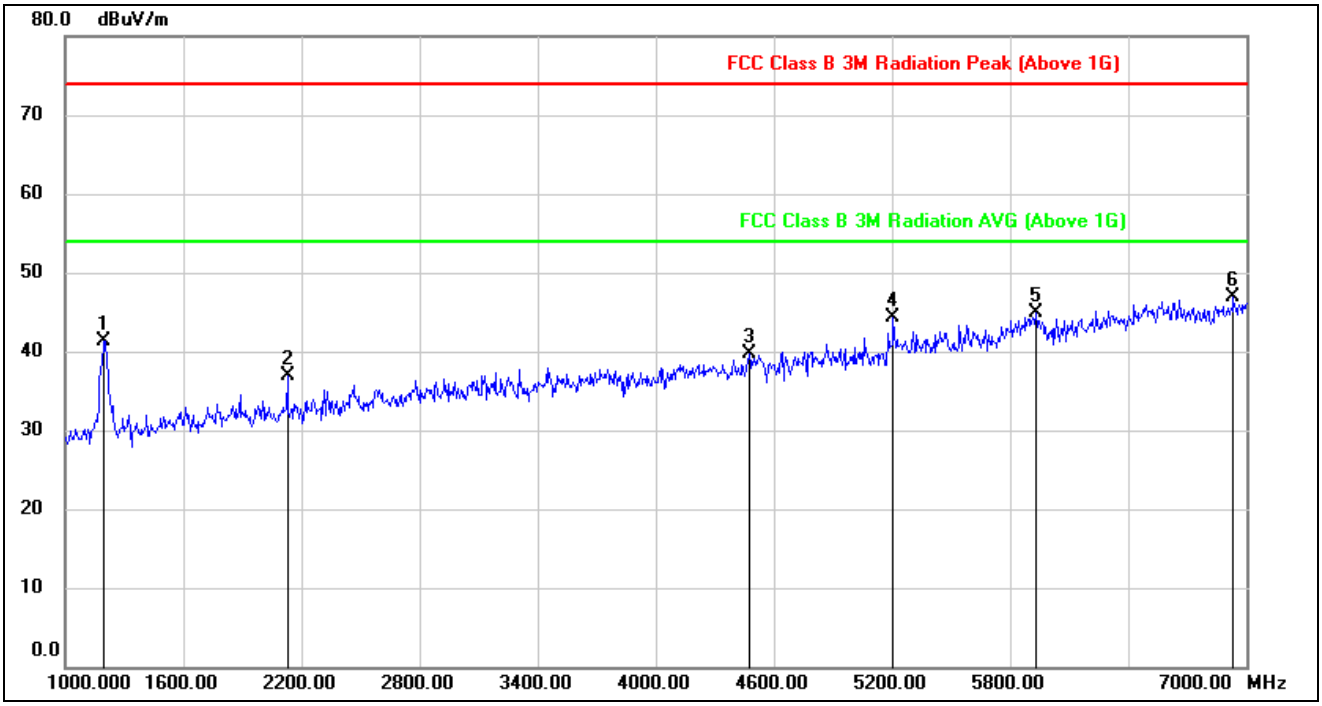
HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

HORIZONTAL RESULTS
1-7GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.000	54.89	-13.52	41.37	74.00	-32.63	peak
2	2128.000	47.00	-10.09	36.91	74.00	-37.09	peak
3	4474.000	42.13	-2.34	39.79	74.00	-34.21	peak
4	5206.000	43.38	0.91	44.29	74.00	-29.71	peak
5	5932.000	40.52	4.36	44.88	74.00	-29.12	peak
6	6934.000	40.65	6.34	46.99	74.00	-27.01	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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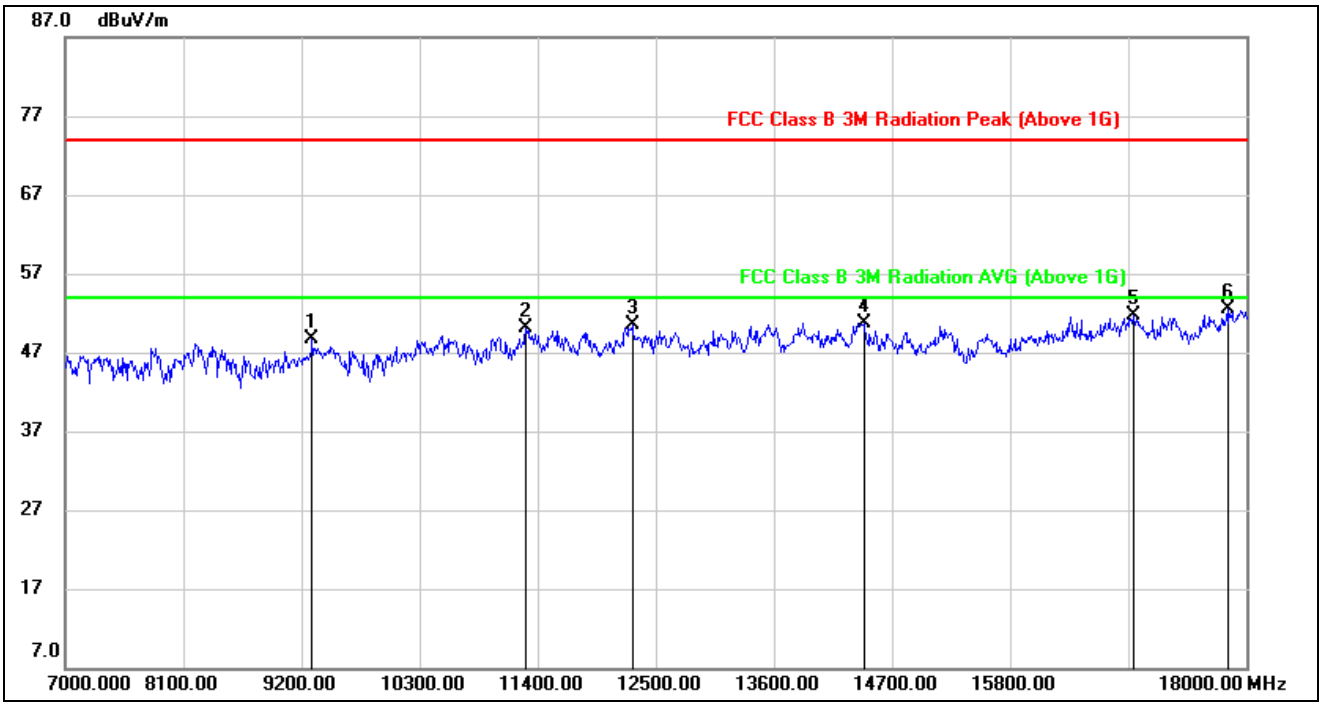
HORIZONTAL RESULTS
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	9299.000	38.36	10.27	48.63	74.00	-25.37	peak
2	11290.000	36.78	13.30	50.08	74.00	-23.92	peak
3	12280.000	35.32	15.12	50.44	74.00	-23.56	peak
4	14436.000	34.22	16.58	50.80	74.00	-23.20	peak
5	16955.000	31.24	20.53	51.77	74.00	-22.23	peak
6	17824.000	29.28	23.19	52.47	74.00	-21.53	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. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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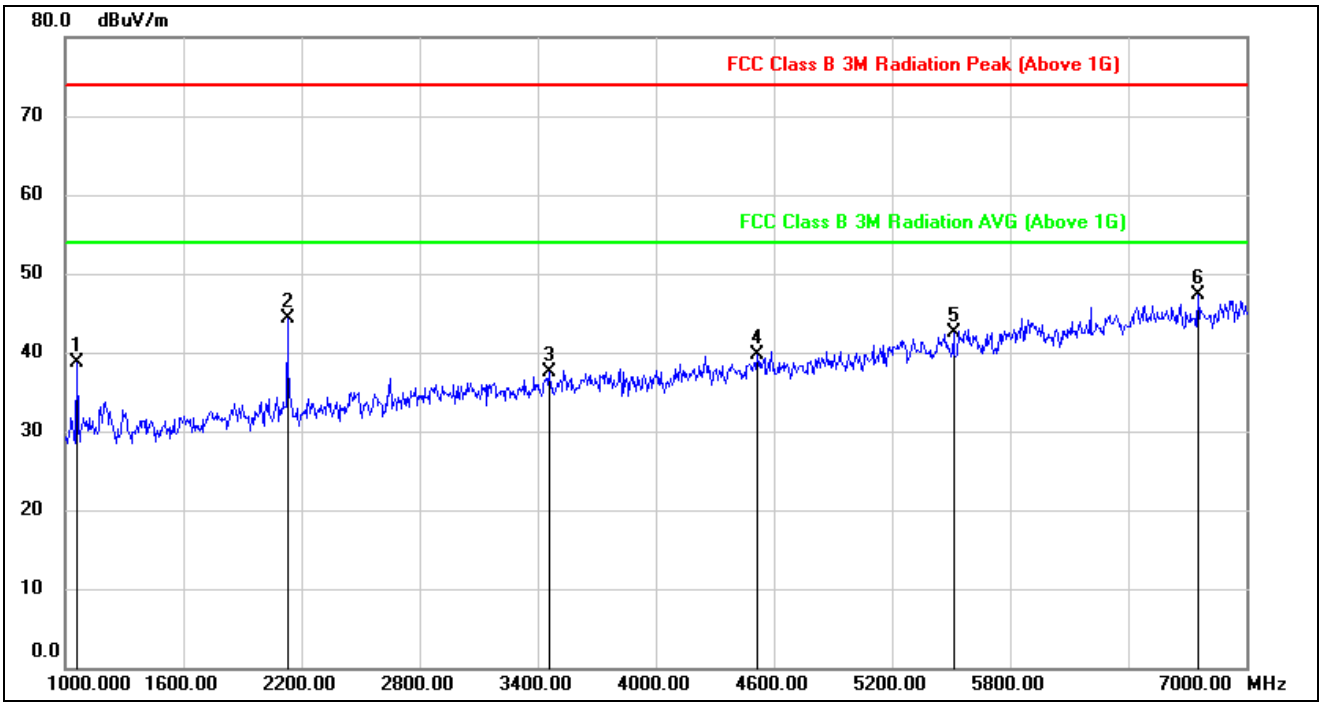
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1060.000	53.20	-14.51	38.69	74.00	-35.31	peak
2	2128.000	54.49	-10.09	44.40	74.00	-29.60	peak
3	3460.000	42.95	-5.54	37.41	74.00	-36.59	peak
4	4516.000	41.72	-2.08	39.64	74.00	-34.36	peak
5	5512.000	40.17	2.30	42.47	74.00	-31.53	peak
6	6754.000	41.67	5.61	47.28	74.00	-26.72	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 then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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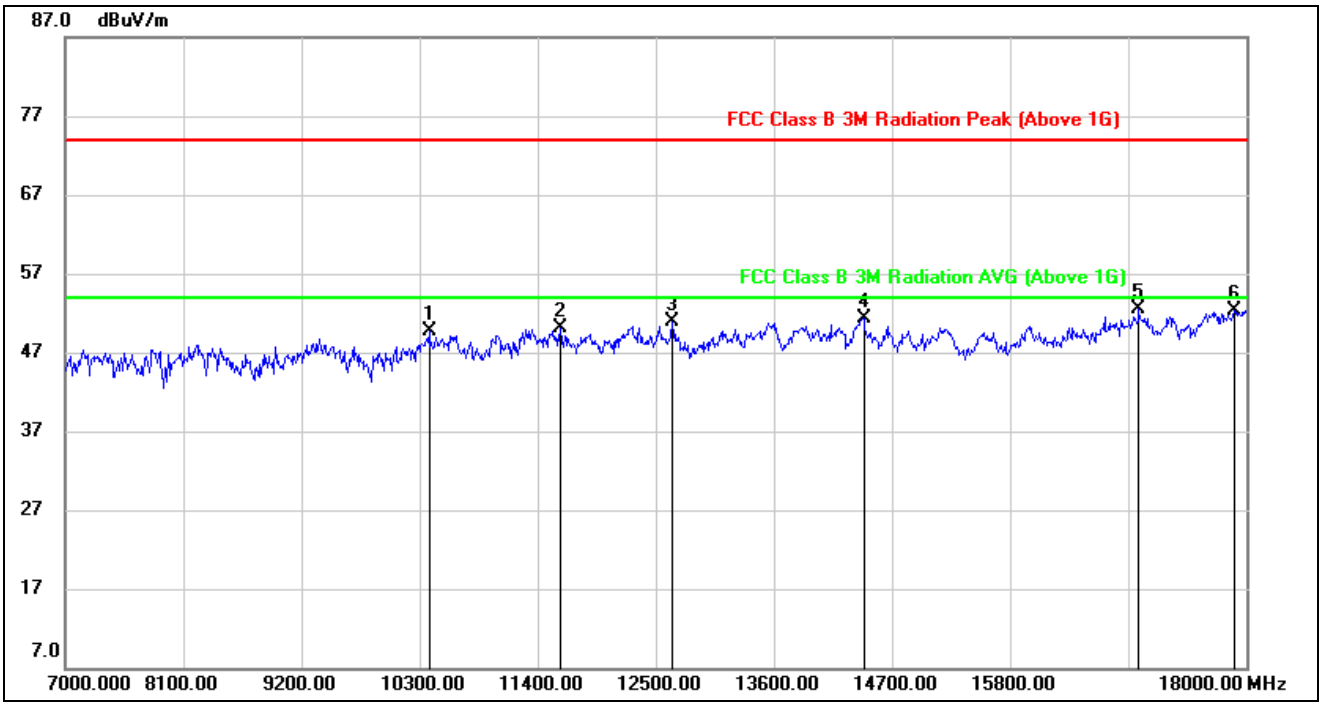
VERTICAL RESULTS
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	10388.000	37.89	11.81	49.70	74.00	-24.30	peak
2	11609.000	35.81	14.30	50.11	74.00	-23.89	peak
3	12654.000	36.08	14.78	50.86	74.00	-23.14	peak
4	14436.000	34.71	16.58	51.29	74.00	-22.71	peak
5	16999.000	31.84	20.72	52.56	74.00	-21.44	peak
6	17890.000	29.20	23.15	52.35	74.00	-21.65	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. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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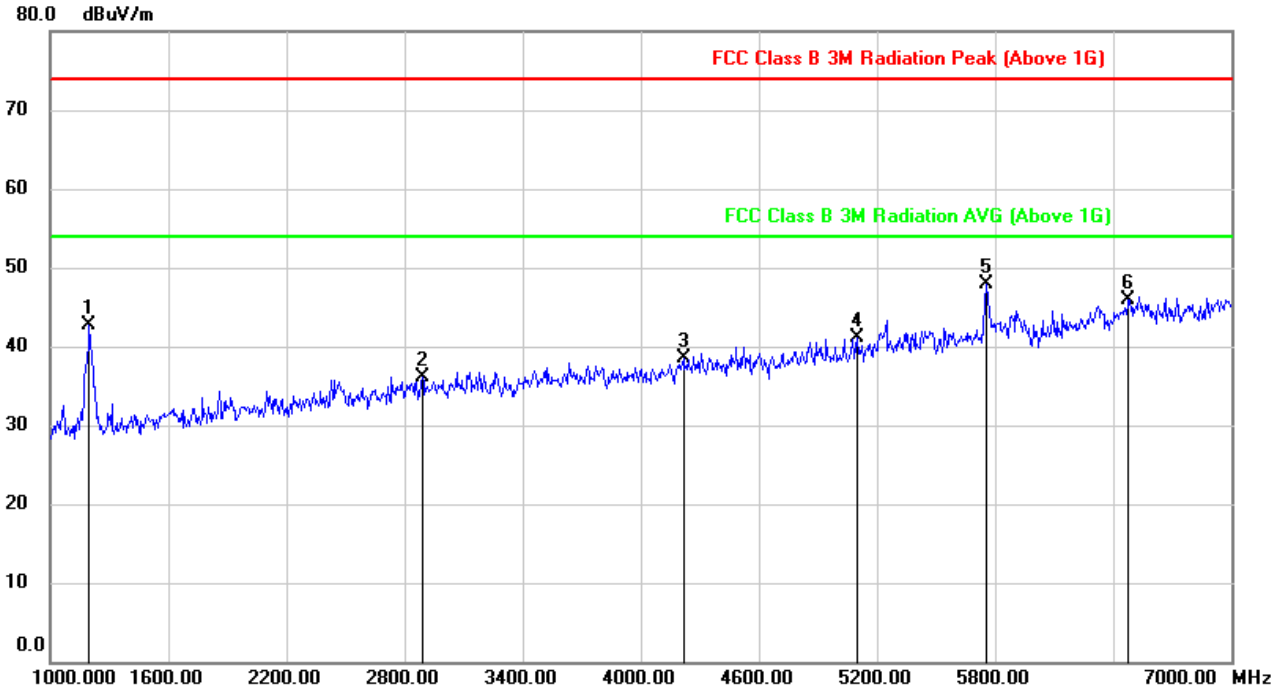
8.3.1. STRADDLE CHANNEL 142

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	1198.000	56.23	-13.52	42.71	74.00	-31.29	peak
2	2890.000	42.97	-6.78	36.19	74.00	-37.81	peak
3	4216.000	41.33	-2.87	38.46	74.00	-35.54	peak
4	5098.000	40.93	0.13	41.06	74.00	-32.94	peak
5	5752.000	45.39	2.57	47.96	74.00	-26.04	peak
6	6478.000	40.25	5.58	45.83	74.00	-28.17	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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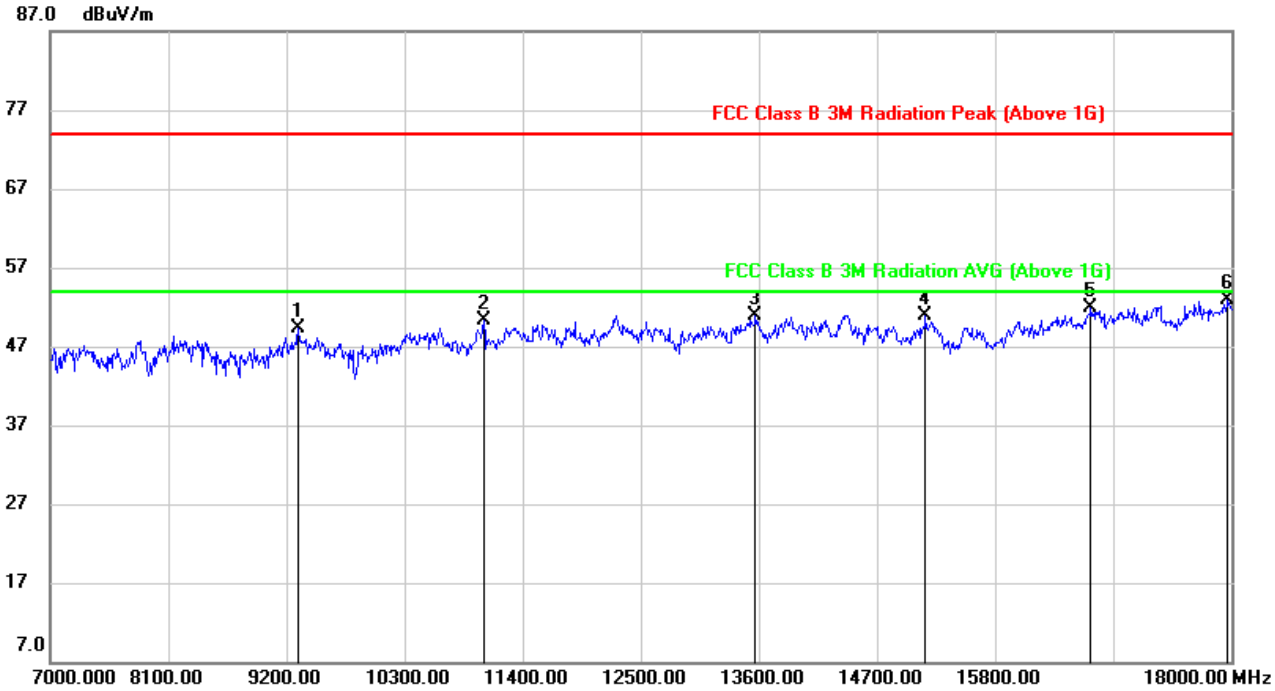
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9310.000	38.89	10.32	49.21	74.00	-24.79	peak
2	11037.000	36.70	13.59	50.29	74.00	-23.71	peak
3	13567.000	34.68	16.14	50.82	74.00	-23.18	peak
4	15151.000	35.20	15.77	50.97	74.00	-23.03	peak
5	16691.000	31.95	19.89	51.84	74.00	-22.16	peak
6	17967.000	29.71	23.15	52.86	74.00	-21.14	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. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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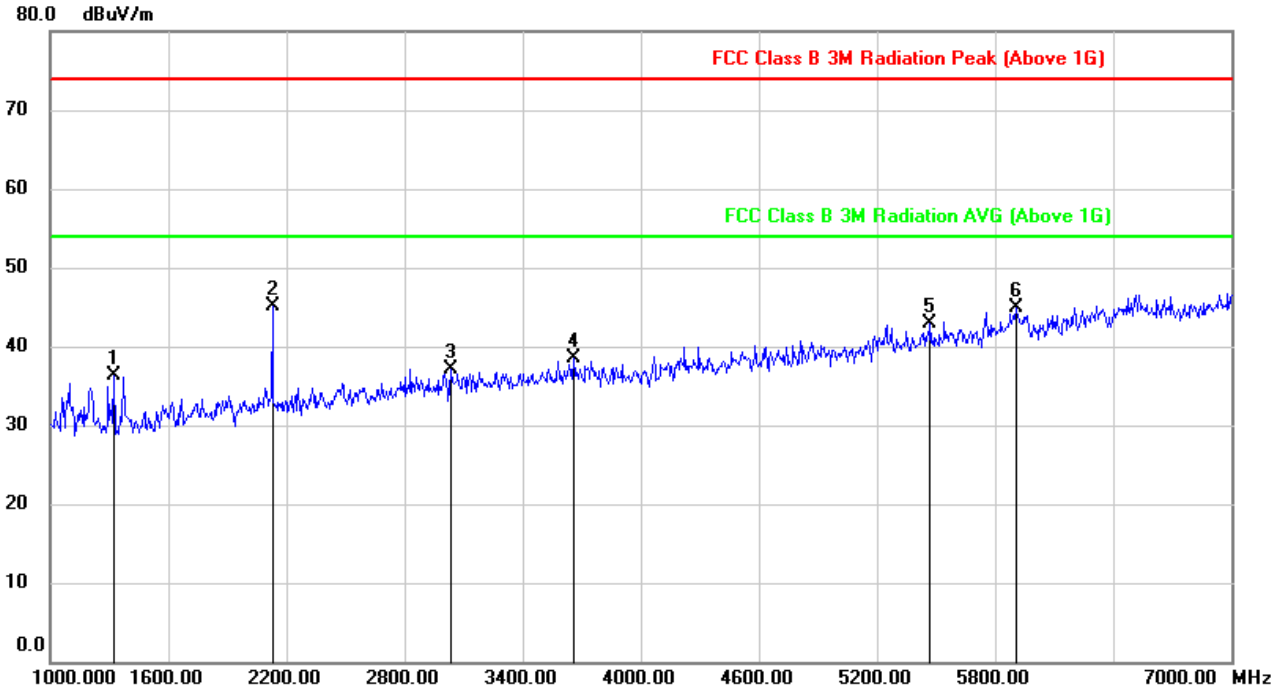
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1324.000	49.54	-13.17	36.37	74.00	-37.63	peak
2	2128.000	55.11	-10.09	45.02	74.00	-28.98	peak
3	3034.000	43.12	-6.05	37.07	74.00	-36.93	peak
4	3658.000	42.90	-4.39	38.51	74.00	-35.49	peak
5	5470.000	40.98	1.88	42.86	74.00	-31.14	peak
6	5908.000	40.07	4.75	44.82	74.00	-29.18	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in then spurious frequency bands and the authorized band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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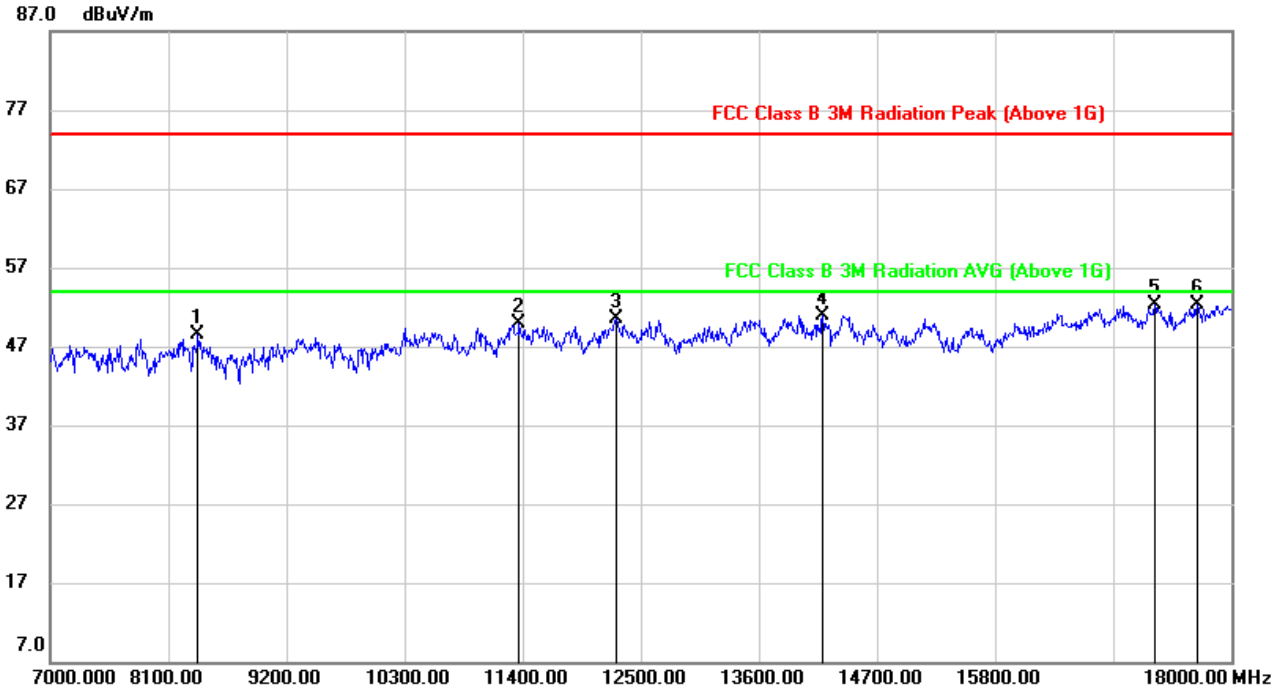
7-18GHz



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8375.000	39.25	9.27	48.52	74.00	-25.48	peak
2	11367.000	36.24	13.58	49.82	74.00	-24.18	peak
3	12269.000	35.33	15.09	50.42	74.00	-23.58	peak
4	14194.000	34.16	16.77	50.93	74.00	-23.07	peak
5	17285.000	30.47	21.78	52.25	74.00	-21.75	peak
6	17681.000	30.07	22.14	52.21	74.00	-21.79	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The High Pass filter loss factor already add into the correct factor.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 76), so all the test point were deemed to comply with the limits list in the standard.

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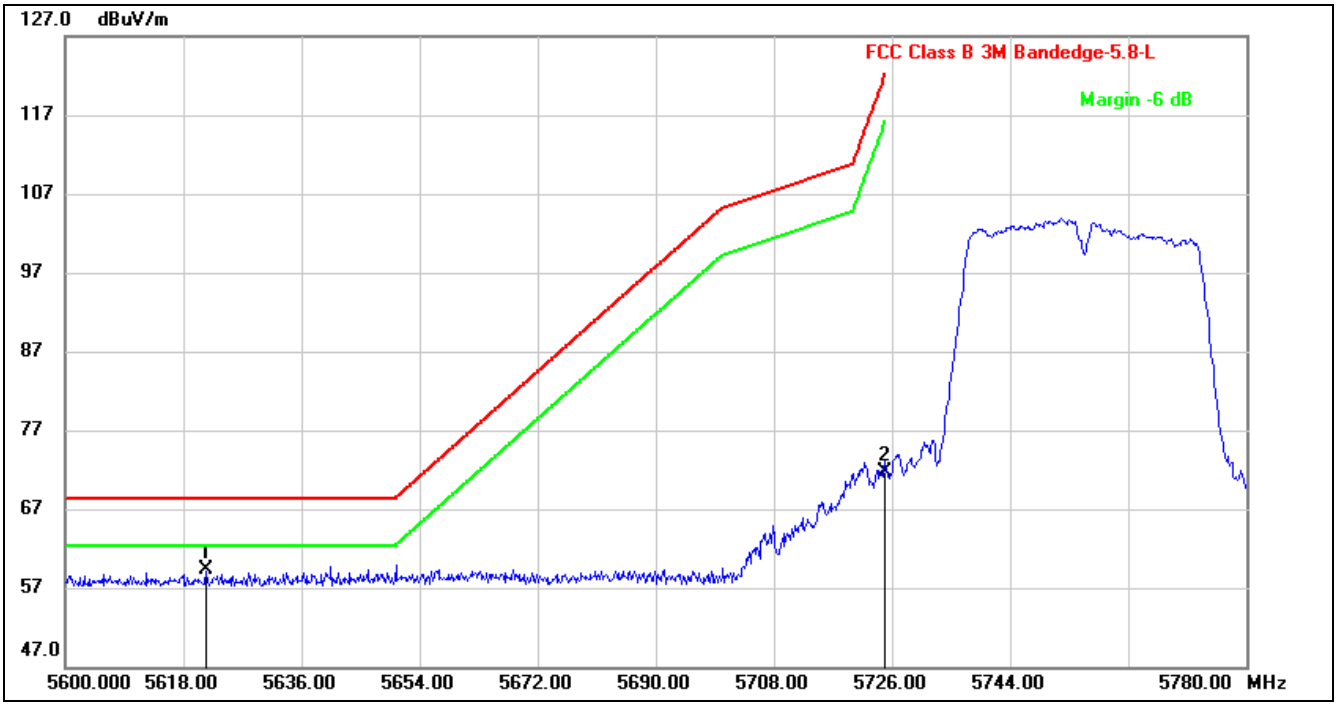
8.3.2. UNII-3 BAND

RESTRICTED BANDEDGE LOW CHANNEL

HORIZONTAL RESULTS



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5621.420	17.73	41.47	59.20	68.20	-9.00	peak
2	5725.000	30.13	41.61	71.74	122.20	-50.46	peak

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

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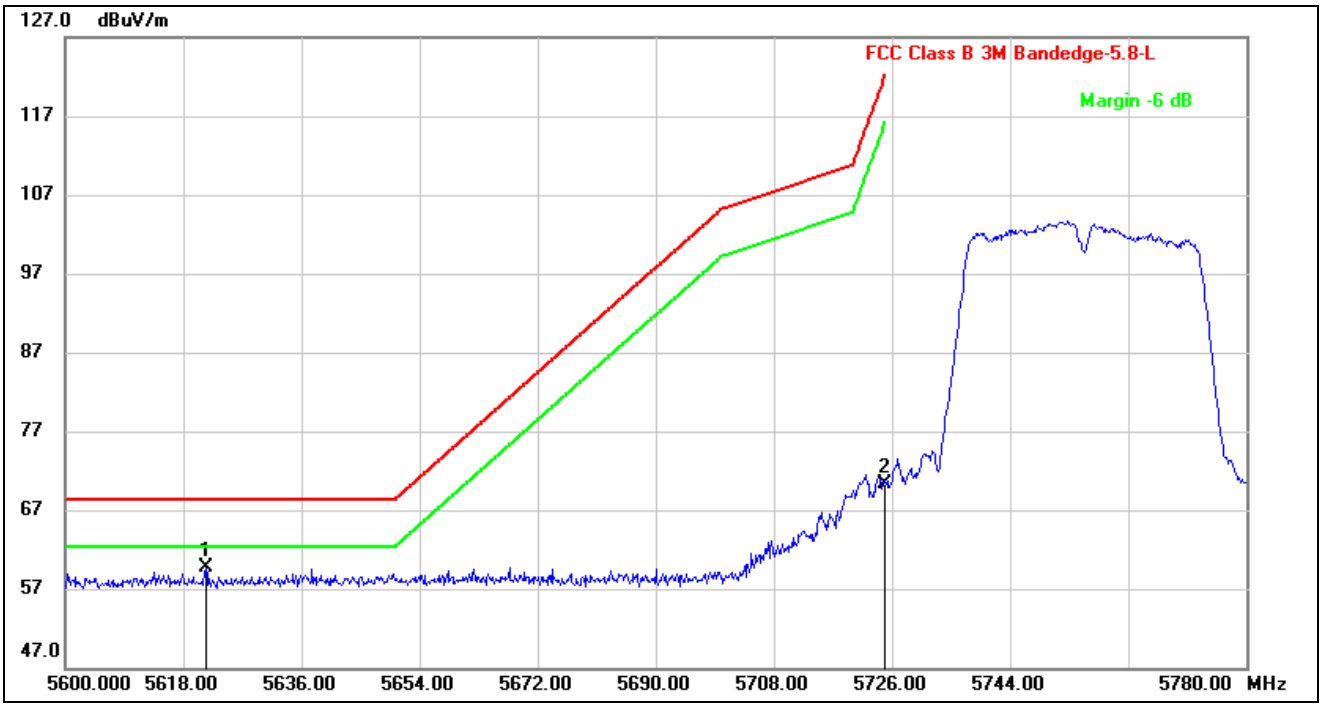
VERTICAL RESULTS



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5621.420	18.20	41.47	59.67	68.20	-8.53	peak
2	5725.000	28.70	41.61	70.31	122.20	-51.89	peak

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

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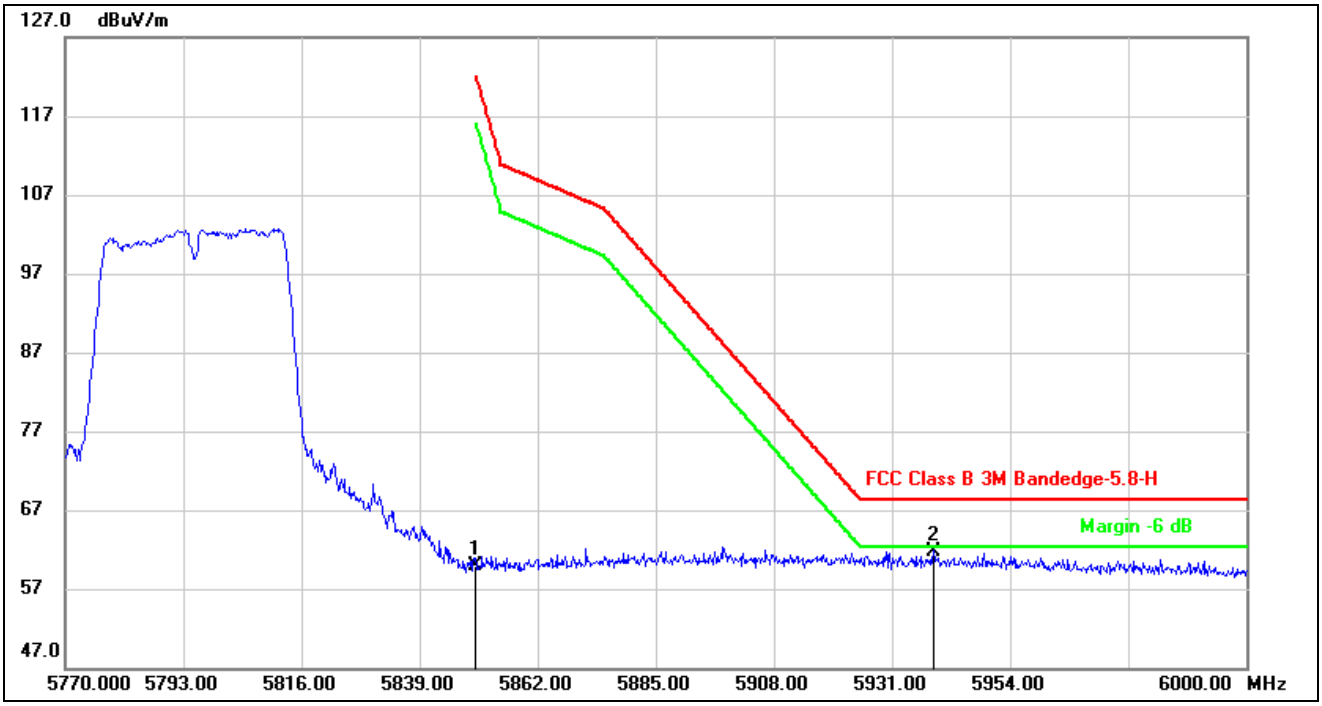
RESTRICTED BANDEDGE HIGH CHANNEL

HORIZONTAL RESULTS



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	17.06	42.89	59.95	122.20	-62.25	peak
2	5939.050	18.61	43.19	61.80	68.20	-6.40	peak

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

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