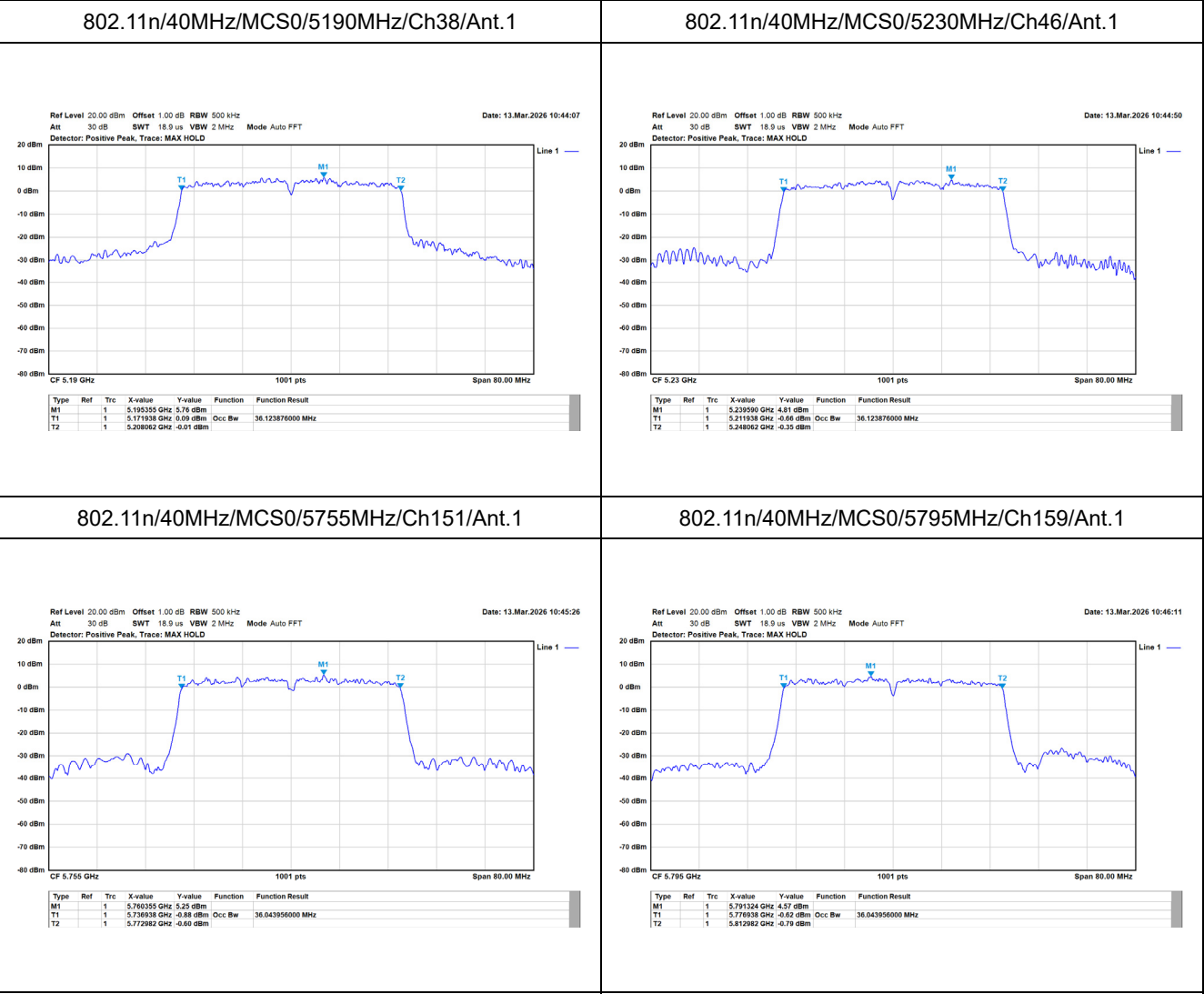


Appendix A. Test Result of AC Power Line Conducted Emission

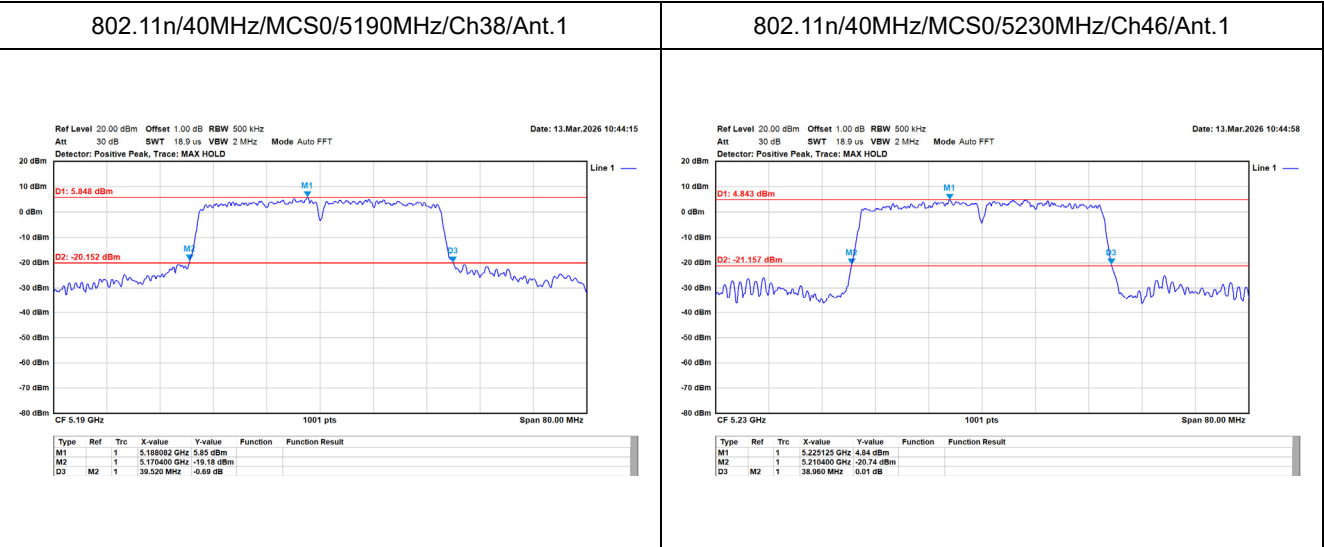
Appendix B. Test Result of Emission Bandwidth

Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	
				99% Occupied Bandwidth & 26dB Bandwidth	
802.11n (40MHz)	5190	36.12	39.52	-	
	5230	36.12	38.96	-	
Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	
				99% Occupied Bandwidth	6dB Bandwidth
802.11n (40MHz)	5755	36.04	36.08	-	≥ 0.5
	5795	36.04	36.08	-	≥ 0.5

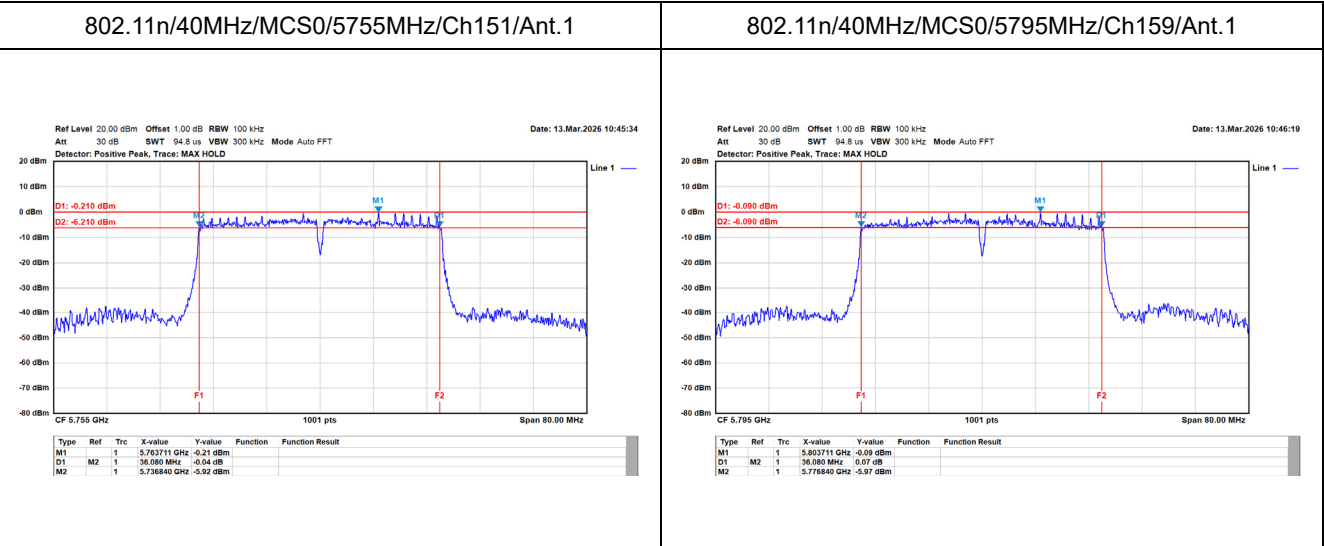
For 99% Occupied Bandwidth:



For 26dB Bandwidth:



For 6dB Bandwidth:



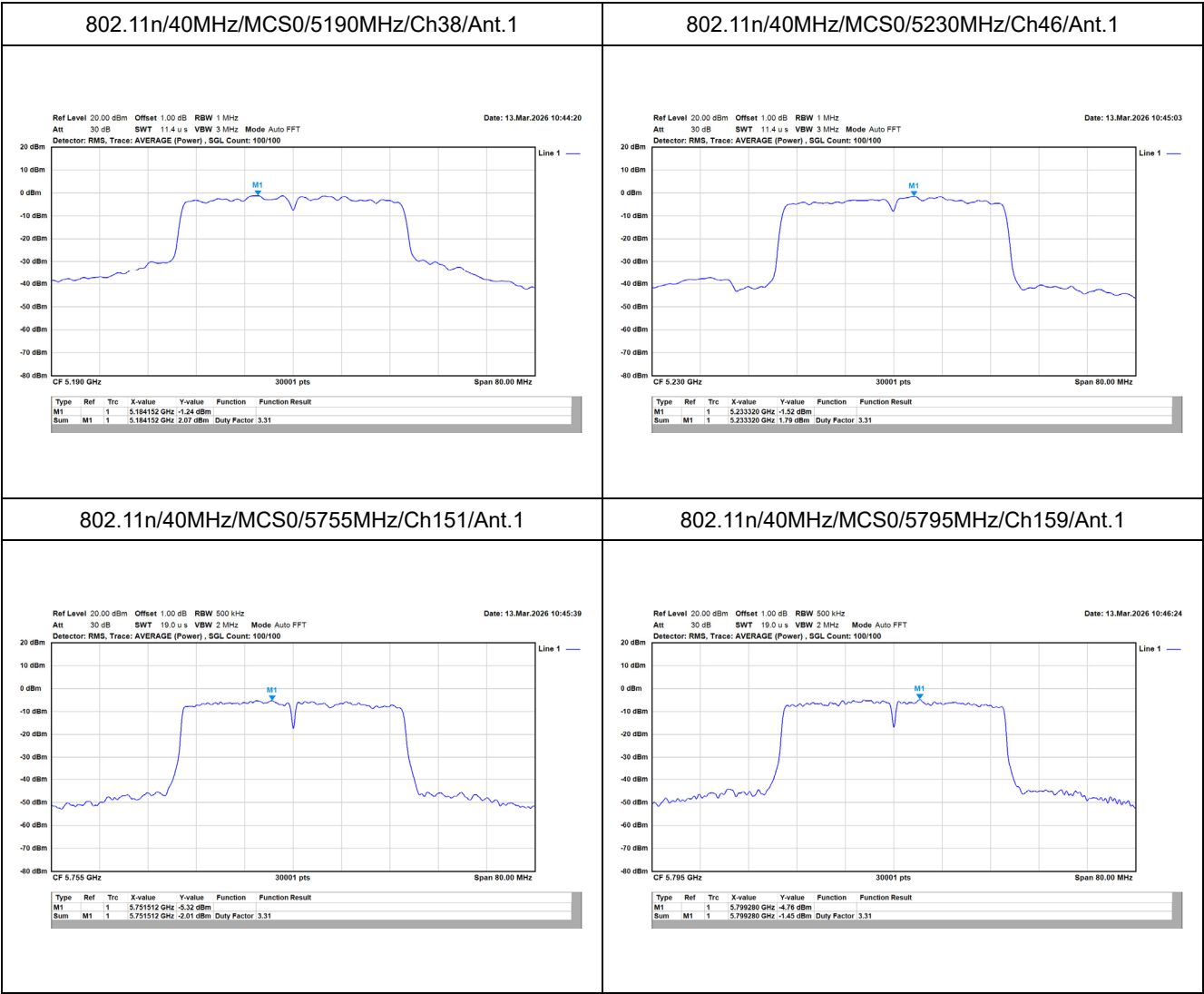
Appendix C. Test Result of Maximum Conducted Output Power

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result
802.11n (40MHz)	5190	14.83	24.00	Pass
	5230	14.85	24.00	Pass
	5755	14.71	30.00	Pass
	5795	14.61	30.00	Pass

Appendix D. Test Result of Maximum Power Spectral Density

Modulation	Frequency (MHz)	Maximum Power Spectral Density (dBm/MHz)	Limit (dBm/MHz)	Result
802.11n (40MHz)	5190	2.07	11.00	Pass
802.11n (40MHz)	5230	1.79	11.00	Pass

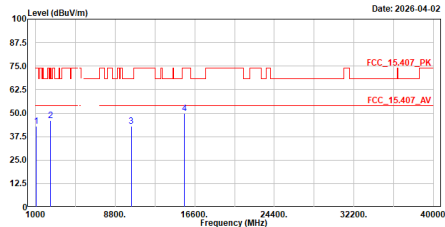
Modulation	Frequency (MHz)	Maximum Power Spectral Density (dBm/500kHz)	Limit (dBm/500kHz)	Result
802.11n (40MHz)	5755	-2.01	30.00	Pass
802.11n (40MHz)	5795	-1.45	30.00	Pass



Appendix E. Test Result of Transmitter Radiated Spurious Emission

TX_n40_5190MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_n40_5190MHz
Test BY :Ashton



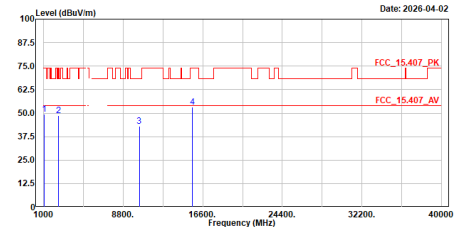
No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB/m	Remark
1	1063.750	43.06	74.00	-30.94	69.47	-26.41	Peak
2	2456.900	46.16	68.22	-22.06	70.02	-23.86	Peak
3	10380.000	42.92	68.22	-25.30	47.83	-4.91	Peak
4	15570.000	50.00	74.00	-24.00	50.75	-0.75	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5190MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_n40_5190MHz
Test BY :Ashton



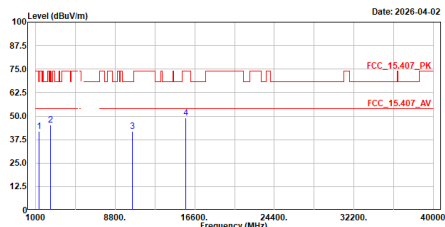
No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB/m	Remark
1	1062.900	49.34	74.00	-24.66	75.76	-26.42	Peak
2	2456.900	48.71	68.22	-19.51	72.57	-23.86	Peak
3	10380.000	43.18	68.22	-25.04	48.09	-4.91	Peak
4	15570.000	53.12	74.00	-20.88	53.87	-0.75	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5230MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_n40_5230MHz
Test BY :Ashton



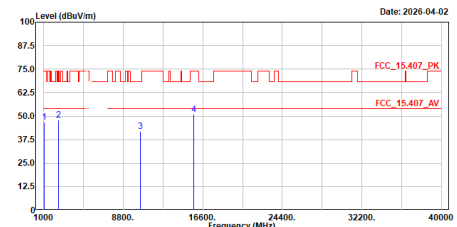
No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB/m	Remark
1	1330.650	42.01	74.00	-31.99	67.60	-25.59	Peak
2	2456.900	45.19	68.22	-23.03	69.05	-23.86	Peak
3	10460.000	41.85	68.22	-26.37	47.09	-5.24	Peak
4	15690.000	49.19	74.00	-24.81	50.53	-1.34	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5230MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_n40_5230MHz
Test BY :Ashton



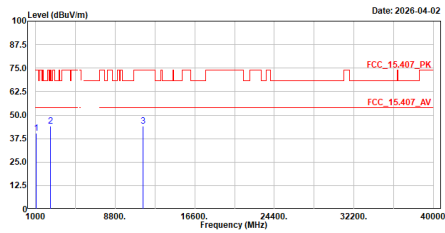
No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB/m	Remark
1	1063.750	46.82	74.00	-27.18	73.23	-26.41	Peak
2	2468.000	47.78	68.22	-20.44	71.71	-23.93	Peak
3	10460.000	41.94	68.22	-26.28	47.18	-5.24	Peak
4	15690.000	51.07	74.00	-22.93	52.41	-1.34	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5755MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_n40_5755MHz
Test BY :Ashton



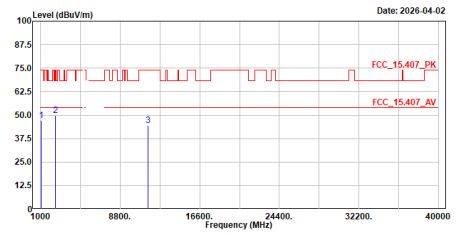
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	1065.450	40.53	74.00	-33.47	66.90	-26.37	Peak
2	2466.250	44.05	68.22	-24.17	67.95	-23.90	Peak
3	11510.000	44.13	74.00	-29.87	46.03	-1.90	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5755MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_n40_5755MHz
Test BY :Ashton



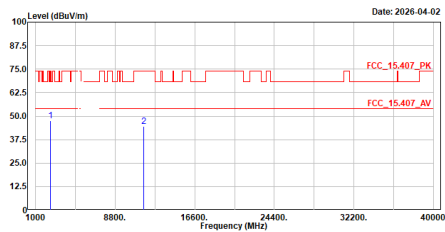
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	1063.750	47.18	74.00	-26.82	73.59	-26.41	Peak
2	2459.450	49.99	68.22	-18.23	73.84	-23.85	Peak
3	11510.000	44.39	74.00	-29.61	46.29	-1.90	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5795MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_n40_5795MHz
Test BY :Ashton



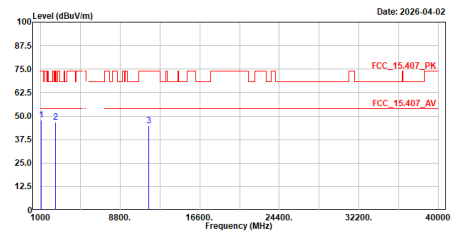
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2454.350	47.43	68.22	-20.79	71.32	-23.89	Peak
2	11590.000	44.40	74.00	-29.60	46.33	-1.93	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5795MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_n40_5795MHz
Test BY :Ashton



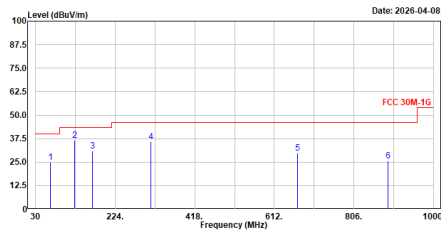
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	1065.450	47.84	74.00	-26.16	74.21	-26.37	Peak
2	2457.750	46.77	68.22	-21.45	70.62	-23.85	Peak
3	11590.000	44.93	74.00	-29.07	46.86	-1.93	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5795MHz_H_QP

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_n40_5795MHz
Test BY :Ashton



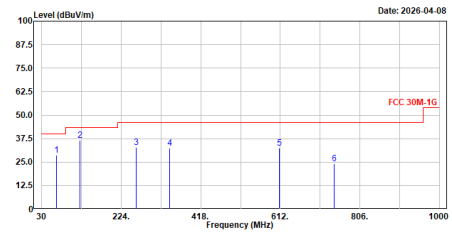
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	66.133	24.88	40.00	-15.12	50.59	-25.71	QP
2	124.915	36.72	43.50	-6.78	62.67	-25.95	QP
3	169.001	31.01	43.50	-12.49	55.26	-24.25	QP
4	310.670	35.97	46.00	-10.03	58.76	-22.79	QP
5	668.600	29.64	46.00	-16.36	44.38	-14.74	QP
6	888.499	25.56	46.00	-20.44	37.40	-11.84	QP

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

TX_n40_5795MHz_V_QP

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_n40_5795MHz
Test BY :Ashton



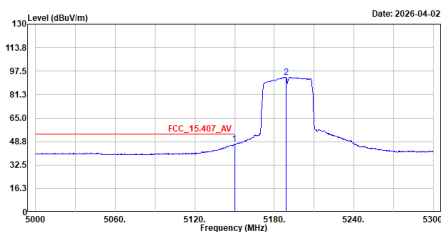
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	66.133	28.51	40.00	-11.49	54.22	-25.71	QP
2	123.266	36.49	43.50	-7.01	62.61	-26.12	QP
3	260.957	32.74	46.00	-13.26	57.30	-24.56	QP
4	342.631	32.56	46.00	-13.44	54.56	-22.00	QP
5	609.818	32.44	46.00	-13.56	48.06	-15.62	QP
6	742.562	24.23	46.00	-21.77	37.36	-13.13	QP

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

TX_n40_5190MHz_H_Average

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_n40_5190MHz
Test BY :Ashton



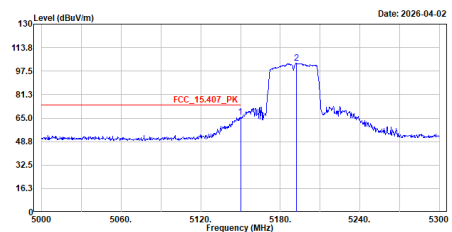
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	5150.000	46.86	54.00	-7.14	31.10	15.76	Average
2	5188.700	93.21	-----	-----	77.34	15.87	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5190MHz_H_Peak

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_n40_5190MHz
Test BY :Ashton



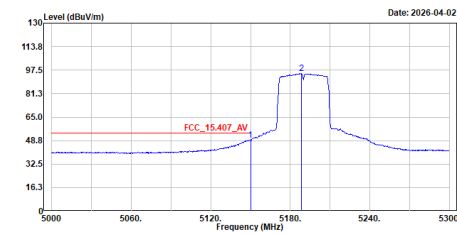
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	5150.000	65.66	74.00	-8.34	49.90	15.76	Peak
2	5192.000	102.96	-----	-----	87.06	15.90	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5190MHz_V_Average

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_n40_5190MHz
Test BY :Ashton

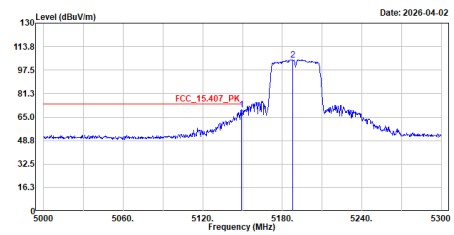


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	5150.000	49.08	54.00	-4.92	33.32	15.76	Average
2	5188.400	95.10	-----	-----	79.23	15.87	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5190MHz_V_Peak

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_n40_5190MHz
Test BY :Ashton

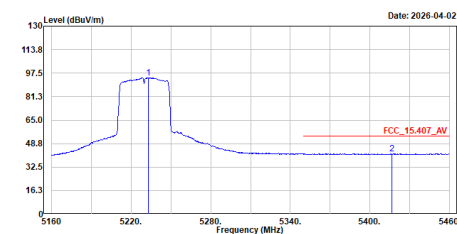


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	5149.400	70.01	74.00	-3.99	54.25	15.76	Peak
2	5187.800	104.63	-----	-----	88.76	15.87	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5230MHz_H_Average

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_n40_5230MHz
Test BY :Ashton

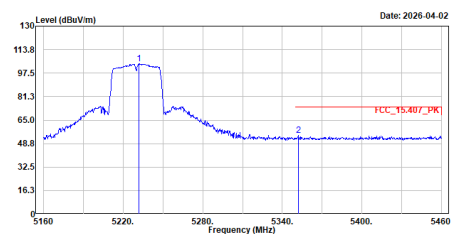


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	5232.000	94.24	-----	-----	78.20	16.04	Average
2	5416.800	41.85	54.00	-12.15	25.76	16.09	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5230MHz_H_Peak

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_n40_5230MHz
Test BY :Ashton

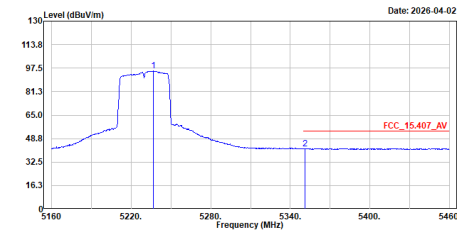


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	5232.000	103.86	-----	-----	87.82	16.04	Peak
2	5352.000	54.40	74.00	-19.60	38.36	16.04	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5230MHz_V_Average

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_n40_5230MHz
Test BY :Ashton

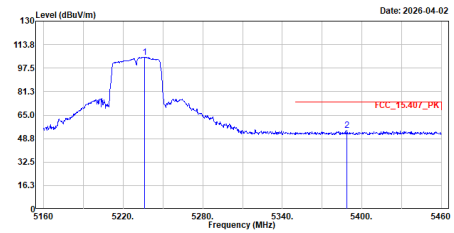


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	5236.500	95.45	-----	-----	79.40	16.05	Average
2	5351.100	41.91	54.00	-12.09	25.87	16.04	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5230MHz_V_Peak

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_n40_5230MHz
Test BY :Ashton

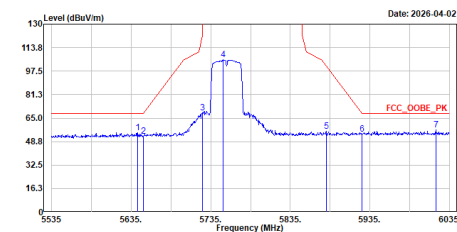


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	5236.200	105.06	-----	-----	89.01	16.05	Peak
2	5388.900	54.52	74.00	-19.48	38.52	16.00	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5755MHz_H_Peak

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_n40_5755MHz
Test BY :Ashton

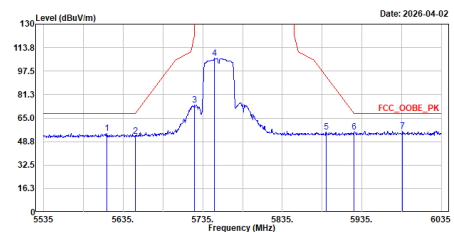


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	5643.500	54.98	68.20	-13.22	37.71	17.27	Peak
2	5650.000	52.69	68.21	-15.52	35.38	17.31	Peak
3	5724.500	68.82	121.06	-52.24	51.17	17.65	Peak
4	5750.500	105.29	-----	-----	87.55	17.74	Peak
5	5800.000	55.89	101.50	-45.61	37.86	18.03	Peak
6	5925.000	51.94	68.21	-16.27	35.00	18.14	Peak
7	6018.000	56.87	68.20	-11.33	38.71	18.16	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5755MHz_V_Peak

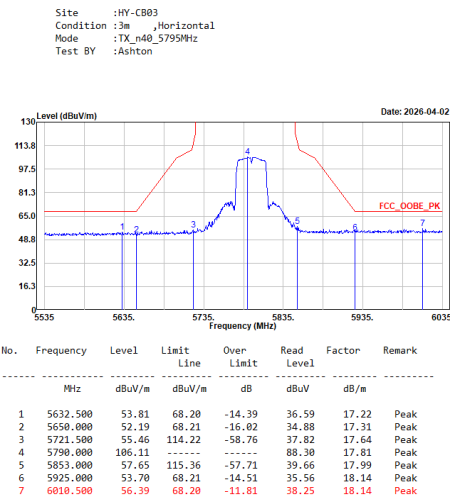
Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_n40_5755MHz
Test BY :Ashton



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	5614.500	54.59	68.20	-13.61	37.46	17.13	Peak
2	5650.000	52.51	68.21	-15.70	35.20	17.31	Peak
3	5724.500	73.93	121.06	-47.13	56.28	17.65	Peak
4	5750.000	106.38	-----	-----	88.65	17.73	Peak
5	5800.000	55.35	94.10	-38.75	37.30	18.05	Peak
6	5925.000	55.42	68.21	-12.79	37.28	18.14	Peak
7	5986.000	55.93	68.20	-12.27	37.80	18.13	Peak

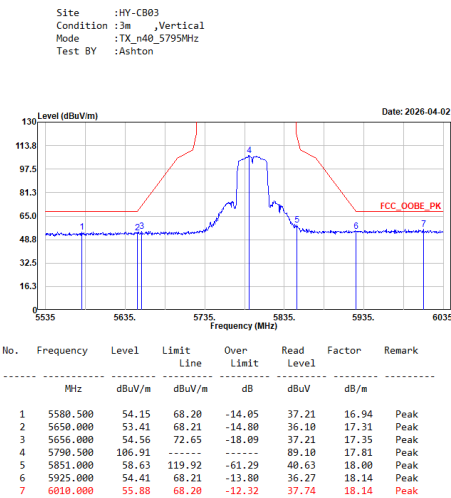
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5795MHz_H_Peak



Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n40_5795MHz_V_Peak



Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Band Edge Data_802.11n (40 MHz)

Test Frequency (MHz)	Measurement Level (MHz)	Limit (MHz)	Result
5230	5248.062	<5250	PASS

