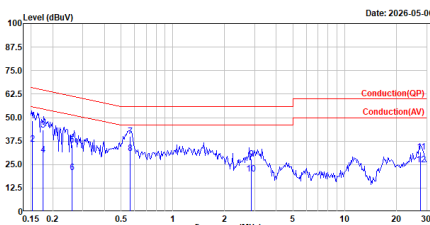
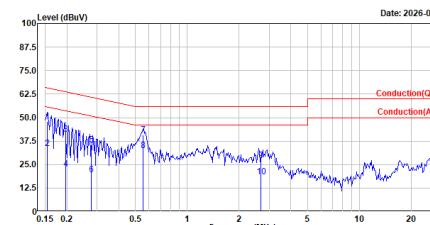


Appendix A. Test Result of AC Power Line Conducted Emission

TX_n20_2437MHz_Line								TX_n20_2437MHz_Neutral							
Site :HY-SR01 Condition :Line Mode :TX_n20_2437MHz_ test by :Kevin Date: 2026-05-06 								Site :HY-SR01 Condition :Neutral Mode :TX_n20_2437MHz_ test by :Kevin Date: 2026-05-06 							
No.	Frequency	Level	Limit	Over	Read	Factor	Remark	No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB			MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.153	48.48	65.86	-17.38	38.85	9.63	QP	1	0.154	48.11	65.80	-17.69	38.47	9.64	QP
2	0.153	35.84	55.86	-20.02	26.21	9.63	Average	2	0.154	33.62	55.80	-22.18	23.98	9.64	Average
3	0.176	43.24	64.67	-21.43	33.60	9.64	QP	3	0.196	41.09	63.76	-22.67	31.44	9.65	QP
4	0.176	30.12	54.67	-24.55	20.48	9.64	Average	4	0.196	22.53	53.76	-31.23	12.88	9.65	Average
5	0.259	35.44	61.45	-26.01	25.79	9.65	QP	5	0.278	35.56	60.89	-25.33	25.90	9.66	QP
6	0.259	20.58	51.45	-30.87	10.93	9.65	Average	6	0.278	19.56	50.89	-31.33	9.90	9.66	Average
7	0.568	40.08	56.00	-15.92	30.42	9.66	QP	7	0.555	40.70	56.00	-15.30	31.05	9.65	QP
8	0.568	30.83	46.00	-15.17	21.17	9.66	Average	8	0.555	32.50	46.00	-13.50	22.85	9.65	Average
9	2.848	27.83	56.00	-28.17	17.96	9.87	QP	9	2.666	27.03	56.00	-28.97	17.21	9.82	QP
10	2.848	20.12	46.00	-25.88	10.25	9.87	Average	10	2.666	18.67	46.00	-27.33	8.85	9.82	Average
11	27.693	31.67	60.00	-28.33	21.84	9.83	QP	11	27.549	30.61	60.00	-29.39	20.74	9.87	QP
12	27.693	25.09	50.00	-24.91	15.26	9.83	Average	12	27.549	23.90	50.00	-26.10	14.03	9.87	Average

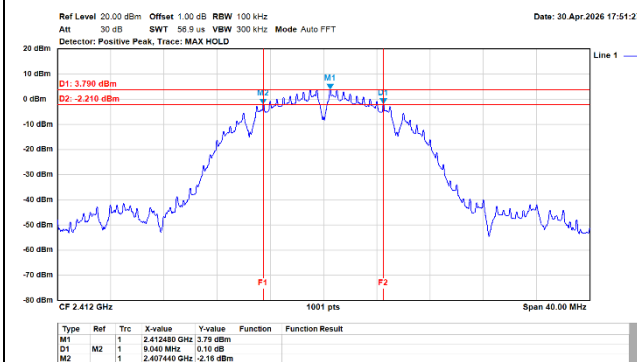
Note:
1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

Note:
1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

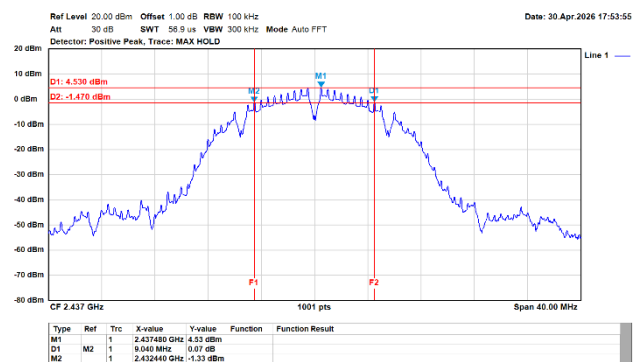
Appendix B. 6 dB Bandwidth

Modulation	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
802.11b (20MHz)	2412	9.04	≥ 0.50	Pass
	2437	9.04	≥ 0.50	Pass
	2462	8.56	≥ 0.50	Pass
802.11g (20MHz)	2412	15.12	≥ 0.50	Pass
	2437	15.12	≥ 0.50	Pass
	2462	15.12	≥ 0.50	Pass
802.11n (20MHz)	2412	15.12	≥ 0.50	Pass
	2437	15.08	≥ 0.50	Pass
	2462	15.12	≥ 0.50	Pass

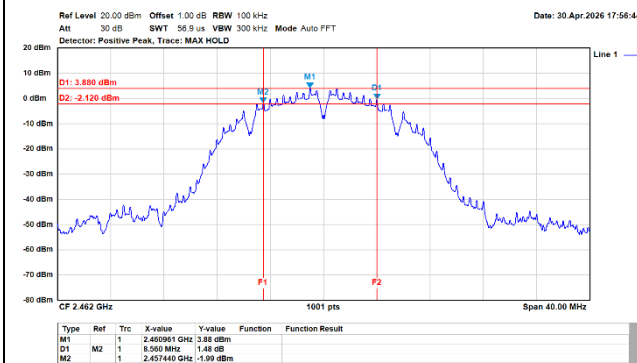
802.11b/20MHz/1M/2412MHz/Ch1/Ant.1



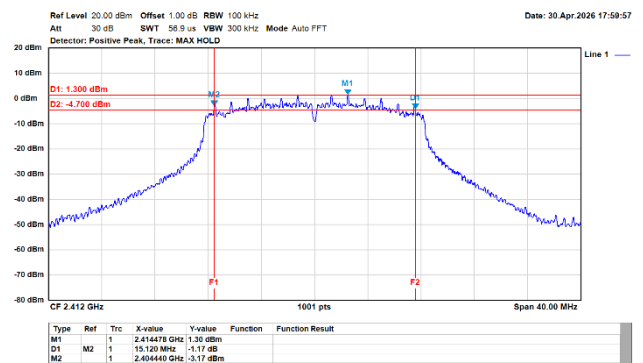
802.11b/20MHz/1M/2437MHz/Ch6/Ant.1



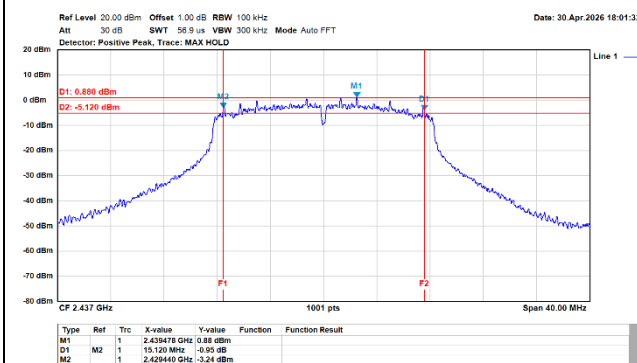
802.11b/20MHz/1M/2462MHz/Ch11/Ant.1



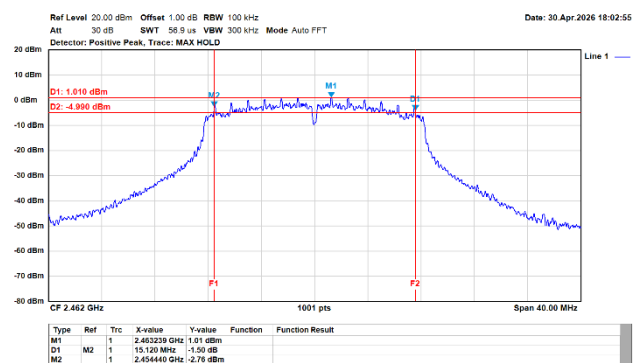
802.11g/20MHz/6M/2412MHz/Ch1/Ant.1



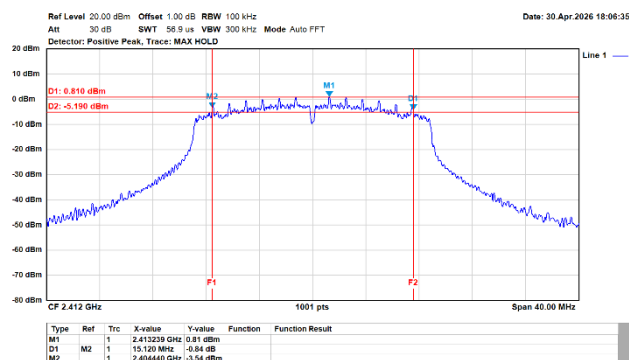
802.11g/20MHz/6M/2437MHz/Ch6/Ant.1



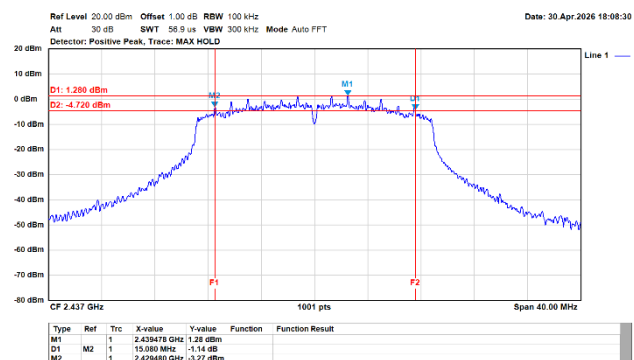
802.11g/20MHz/6M/2462MHz/Ch11/Ant.1



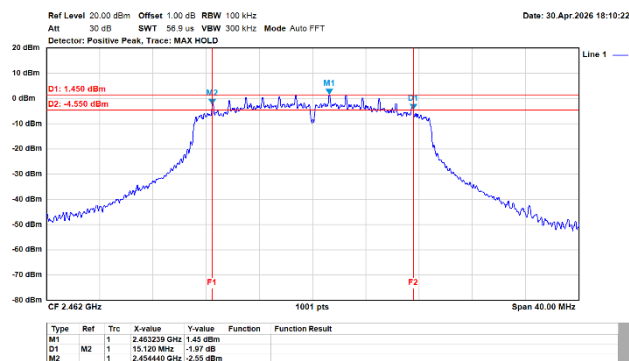
802.11n/20MHz/MCS0/2412MHz/Ch1/Ant.1



802.11n/20MHz/MCS0/2437MHz/Ch6/Ant.1



802.11n/20MHz/MCS0/2462MHz/Ch11/Ant.1



Appendix C. Test Result of Maximum Peak Conducted Output Power

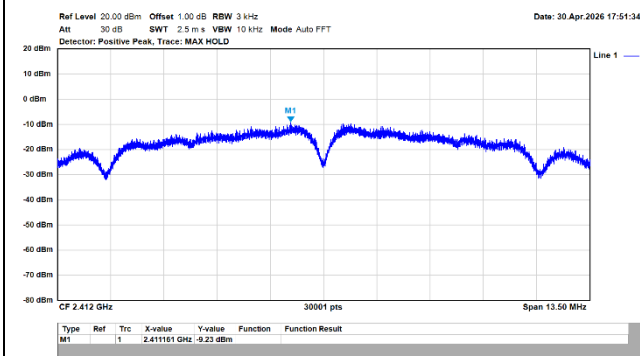
Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result
802.11b (20MHz)	2412	13.01	30.00	Pass
	2437	13.13	30.00	Pass
	2462	13.18	30.00	Pass
802.11g (20MHz)	2412	12.71	30.00	Pass
	2437	12.92	30.00	Pass
	2462	13.16	30.00	Pass
802.11n (20MHz)	2412	12.77	30.00	Pass
	2437	12.85	30.00	Pass
	2462	12.96	30.00	Pass

Modulation	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)	Limit (dBm)	Result
802.11b (20MHz)	2412	15.32	30.00	Pass
	2437	15.47	30.00	Pass
	2462	15.49	30.00	Pass
802.11g (20MHz)	2412	21.74	30.00	Pass
	2437	21.96	30.00	Pass
	2462	22.23	30.00	Pass
802.11n (20MHz)	2412	20.93	30.00	Pass
	2437	21.07	30.00	Pass
	2462	21.11	30.00	Pass

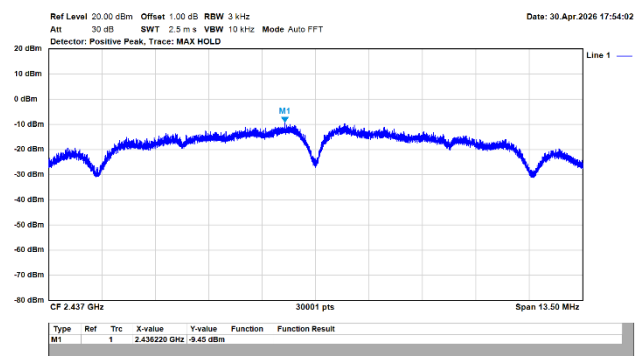
Appendix D. Test Result of Power Spectral Density

Modulation	Frequency (MHz)	Maximum Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
802.11b (20MHz)	2412	-9.23	8.00	Pass
	2437	-9.45	8.00	Pass
	2462	-9.23	8.00	Pass
802.11g (20MHz)	2412	-12.20	8.00	Pass
	2437	-12.59	8.00	Pass
	2462	-12.62	8.00	Pass
802.11n (20MHz)	2412	-12.05	8.00	Pass
	2437	-12.66	8.00	Pass
	2462	-11.37	8.00	Pass

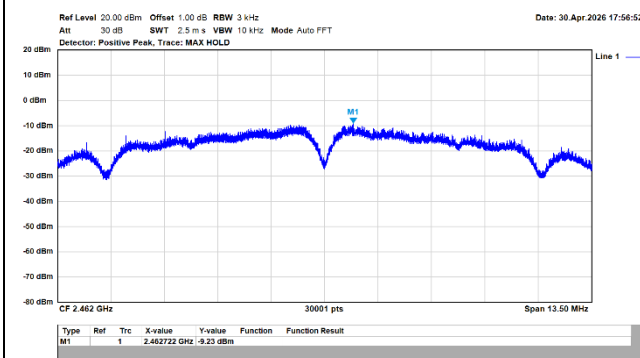
802.11b/20MHz/1M/2412MHz/Ch1/Ant.1



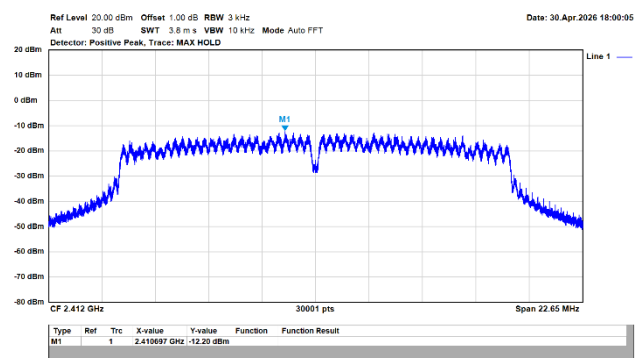
802.11b/20MHz/1M/2437MHz/Ch6/Ant.1



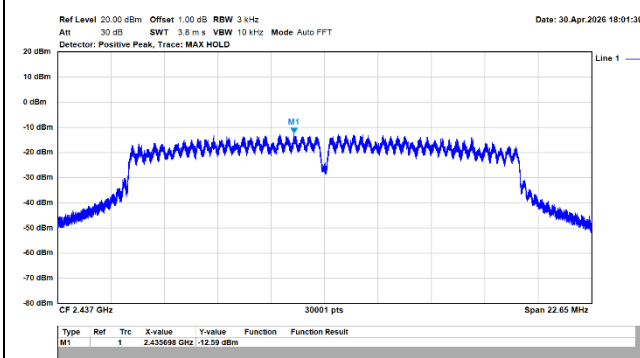
802.11b/20MHz/1M/2462MHz/Ch11/Ant.1



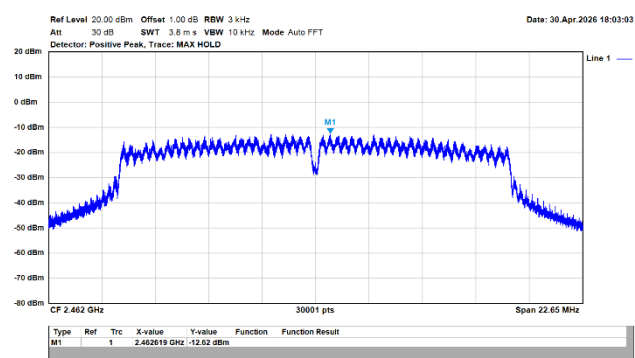
802.11g/20MHz/6M/2412MHz/Ch1/Ant.1

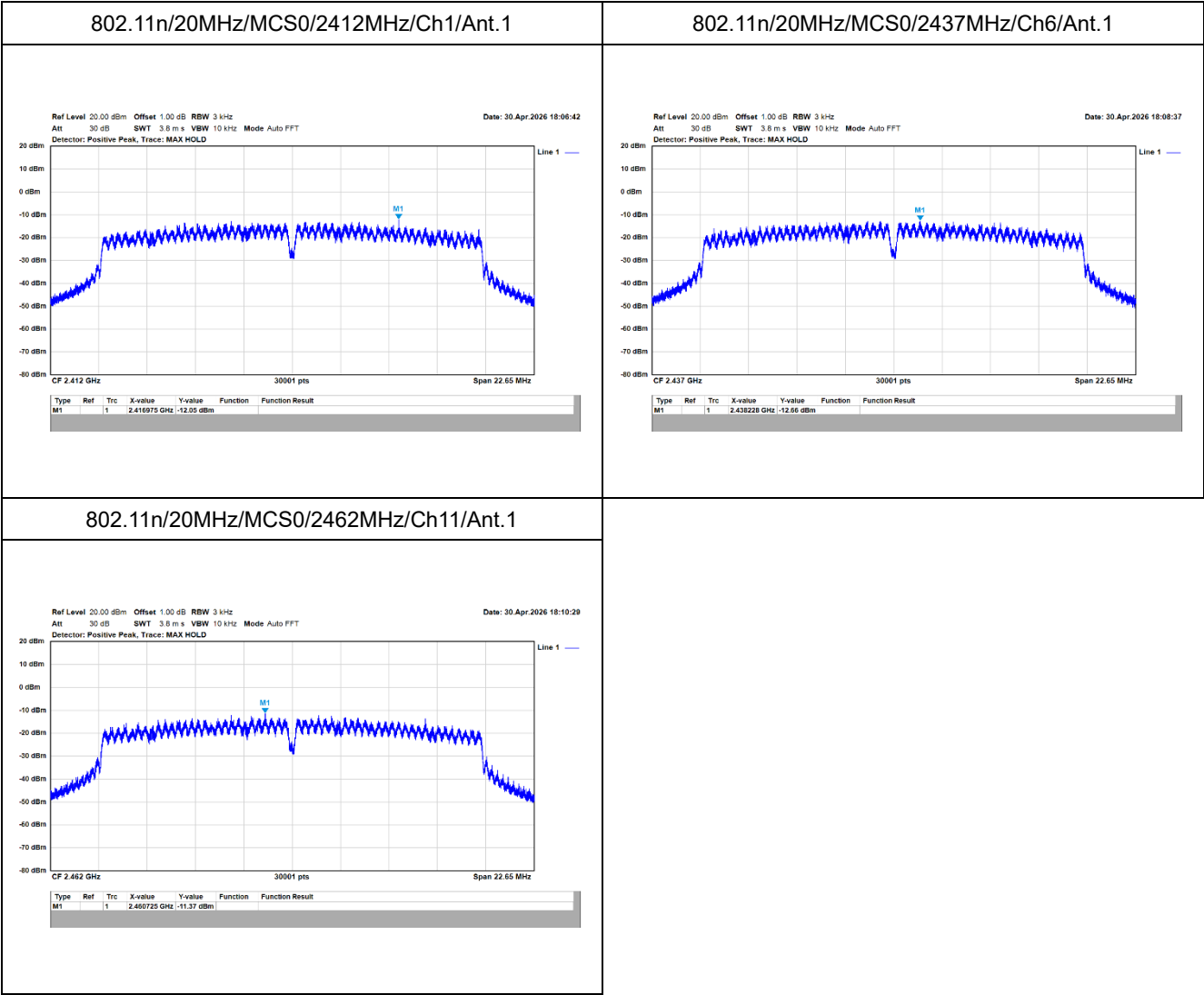


802.11g/20MHz/6M/2437MHz/Ch6/Ant.1



802.11g/20MHz/6M/2462MHz/Ch11/Ant.1

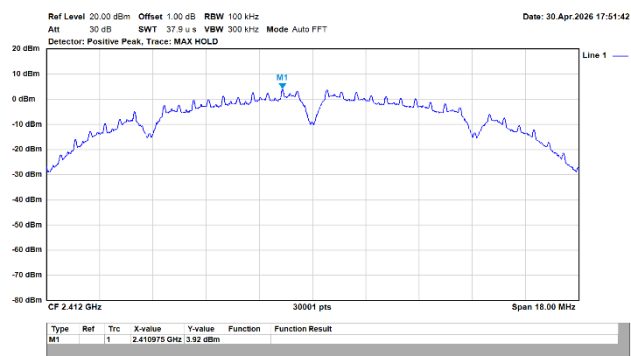




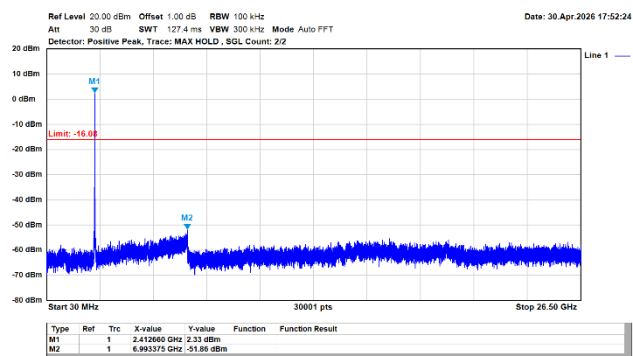
Appendix E. Test Result of Antenna Port Conducted Emission

Modulation	Measurement Level Δ (dB)	Result
802.11b (20MHz)	> 20	PASS
802.11g (20MHz)	> 20	PASS
802.11n (20MHz)	> 20	PASS

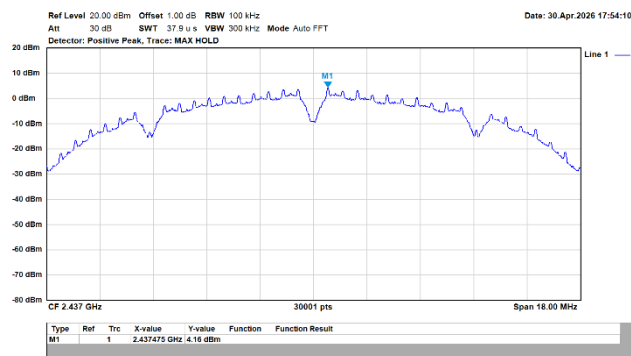
802.11b/20MHz/1M/2412MHz/Ch1/Ant.1 (Ref.)



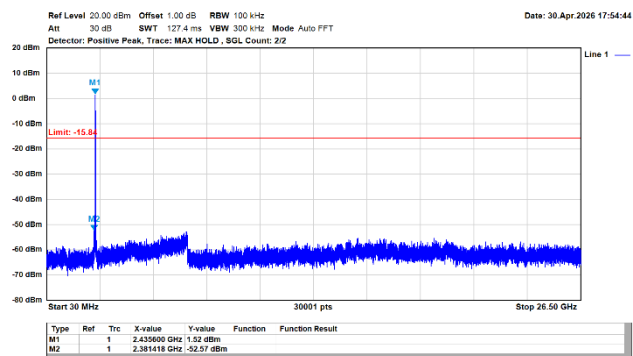
802.11b/20MHz/1M/2412MHz/Ch1/Ant.1



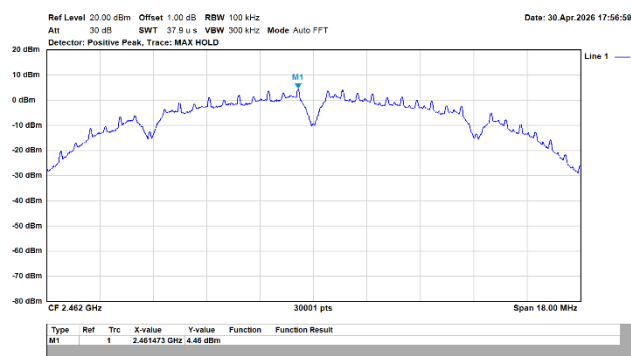
802.11b/20MHz/1M/2437MHz/Ch6/Ant.1 (Ref.)



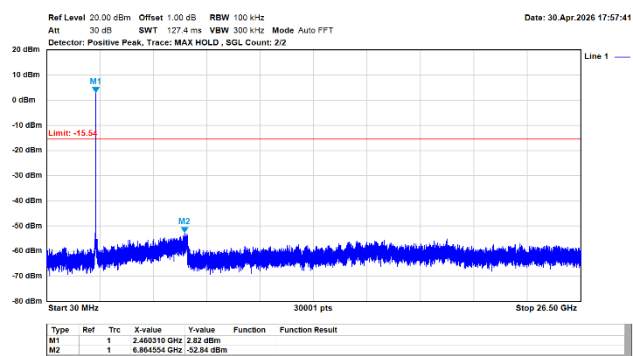
802.11b/20MHz/1M/2437MHz/Ch6/Ant.1

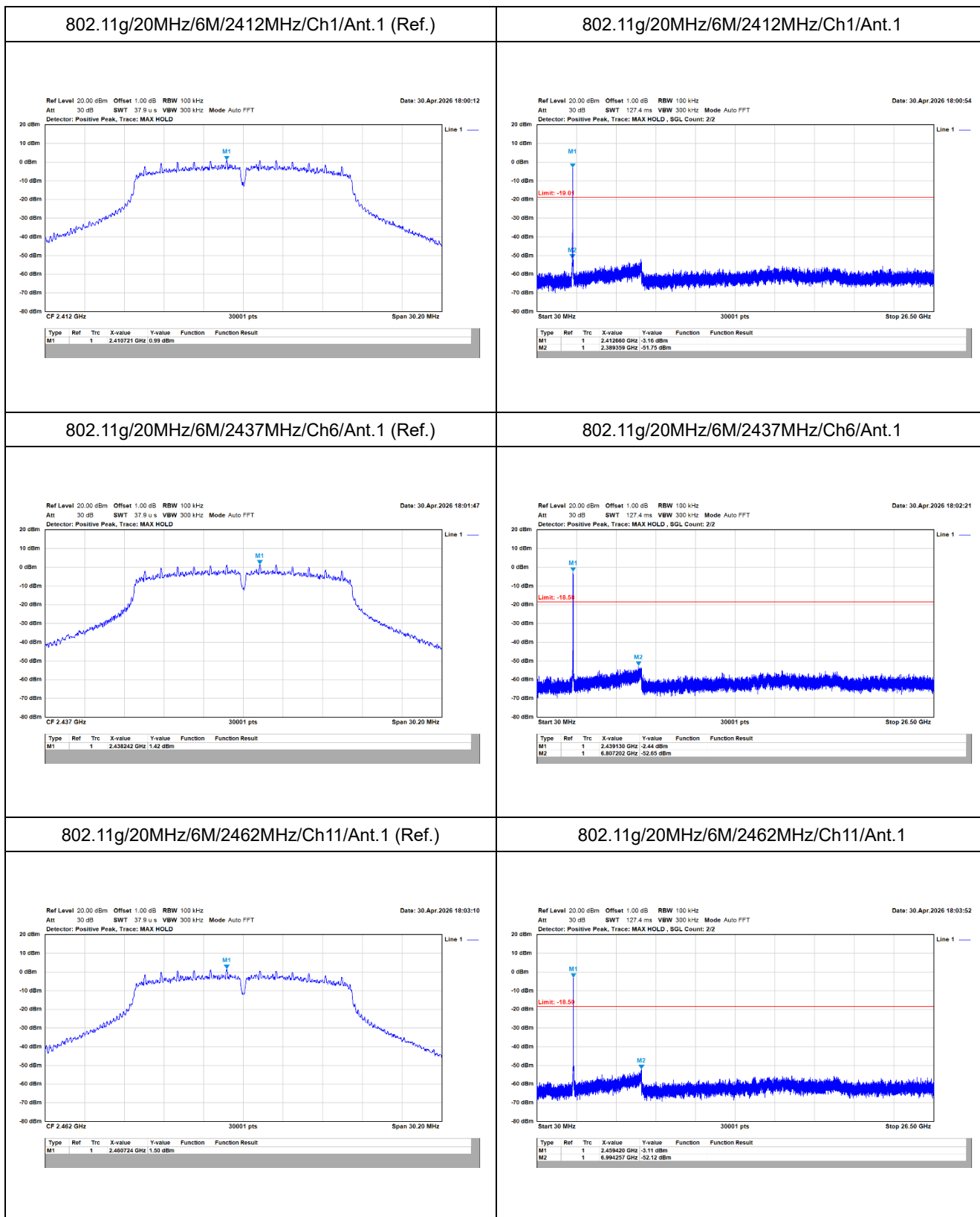


802.11b/20MHz/1M/2462MHz/Ch11/Ant.1 (Ref.)

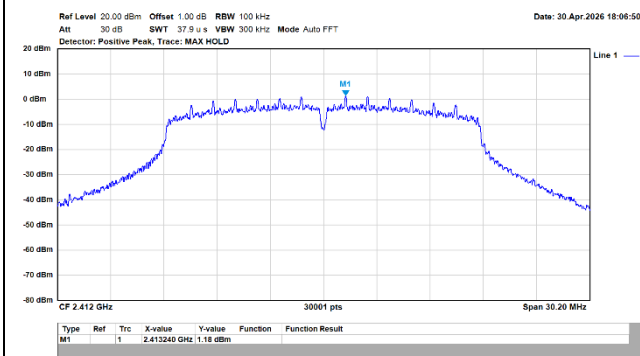


802.11b/20MHz/1M/2462MHz/Ch11/Ant.1

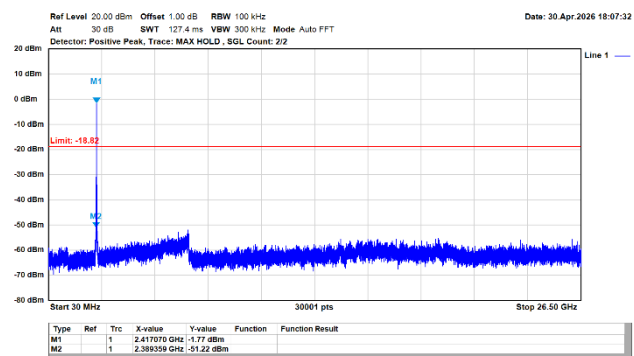




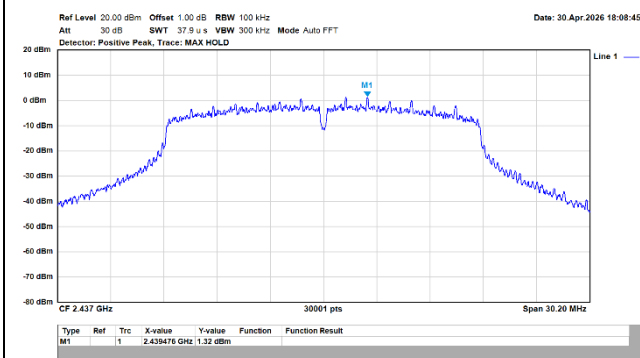
802.11n/20MHz/MCS0/2412MHz/Ch1/Ant.1 (Ref.)



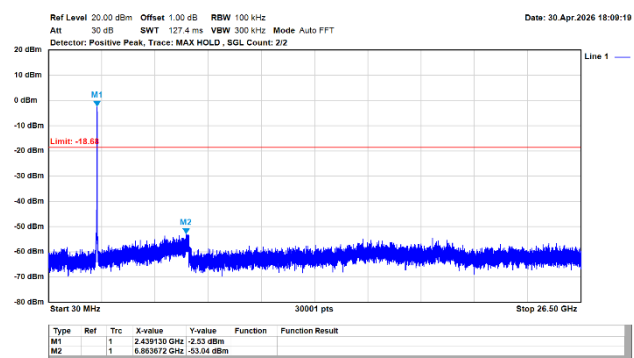
802.11n/20MHz/MCS0/2412MHz/Ch1/Ant.1



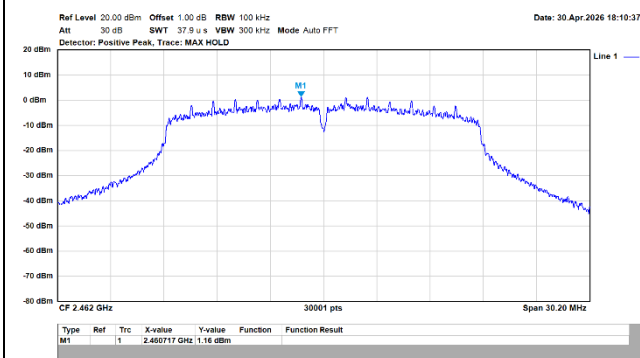
802.11n/20MHz/MCS0/2437MHz/Ch6/Ant.1 (Ref.)



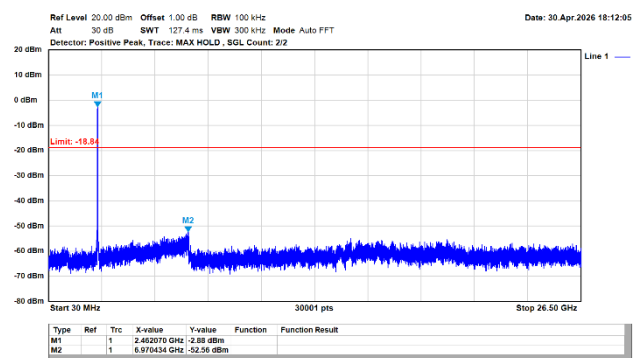
802.11n/20MHz/MCS0/2437MHz/Ch6/Ant.1



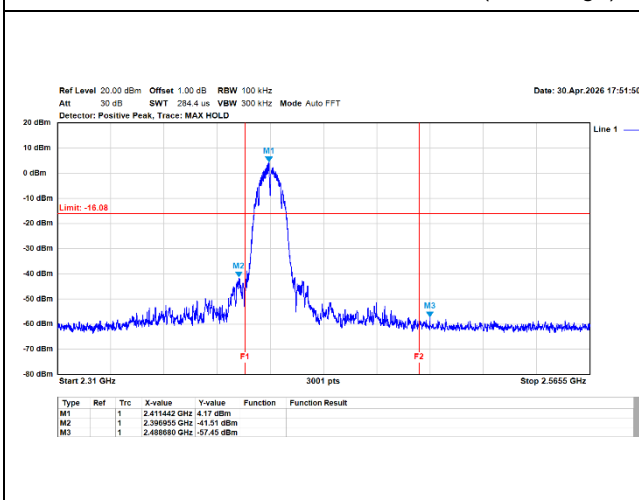
802.11n/20MHz/MCS0/2462MHz/Ch11/Ant.1 (Ref.)



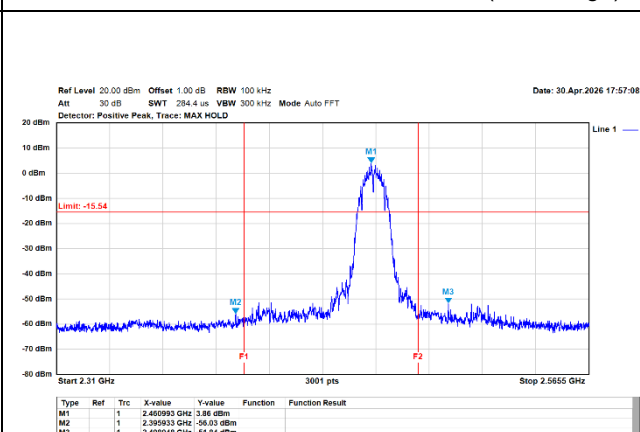
802.11n/20MHz/MCS0/2462MHz/Ch11/Ant.1



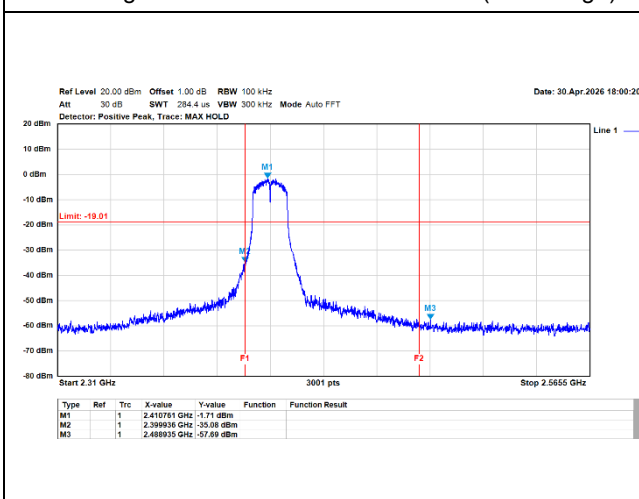
802.11b/20MHz/1M/2412MHz/Ch1/Ant.1(Band Edge)



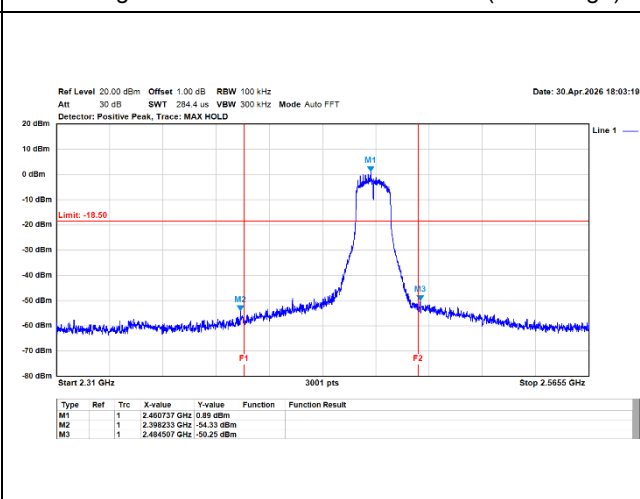
802.11b/20MHz/1M/2462MHz/Ch11/Ant.1(Band Edge)



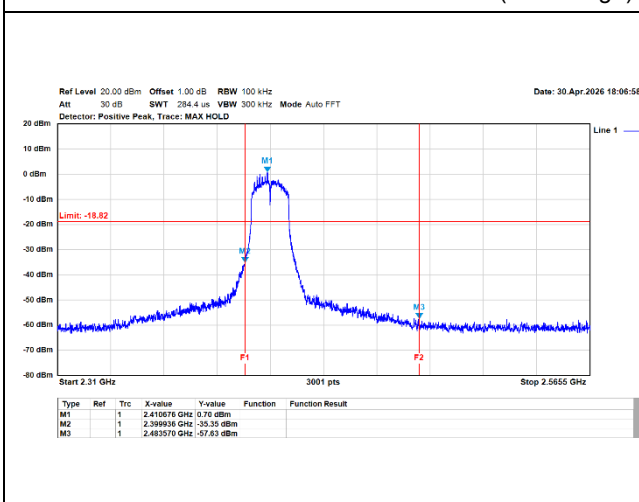
802.11g/20MHz/6M/2412MHz/Ch1/Ant.1(Band Edge)



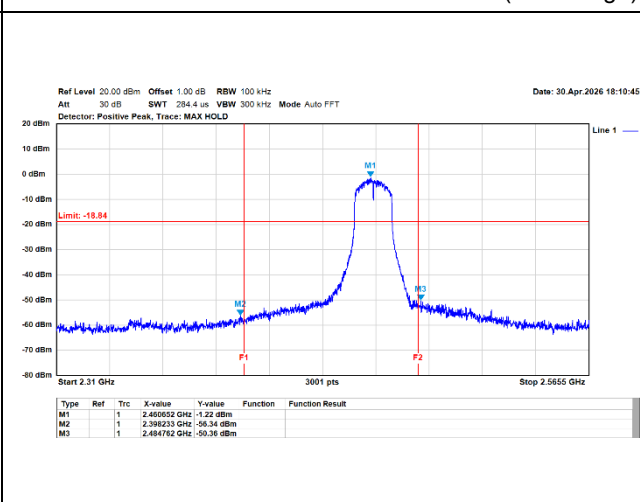
802.11g/20MHz/6M/2462MHz/Ch11/Ant.1(Band Edge)



802.11n/20MHz/MCS0/2412MHz/Ch1/Ant.1(Band Edge)

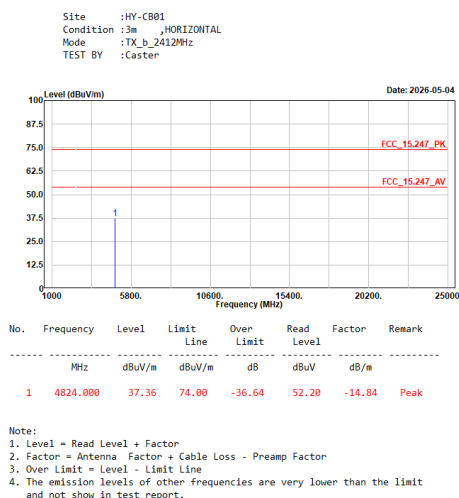


802.11n/20MHz/MCS0/2462MHz/Ch11/Ant.1(Band Edge)

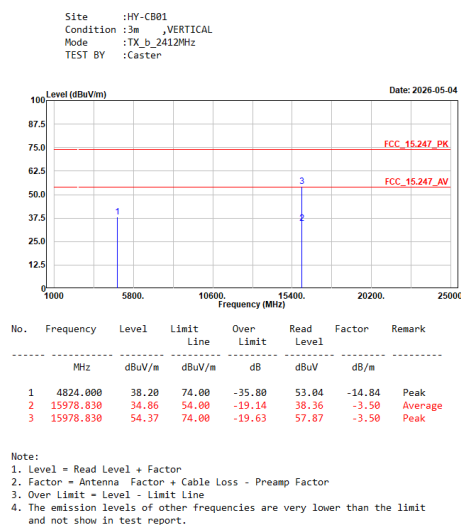


Appendix F. Test Result of Radiated Emission

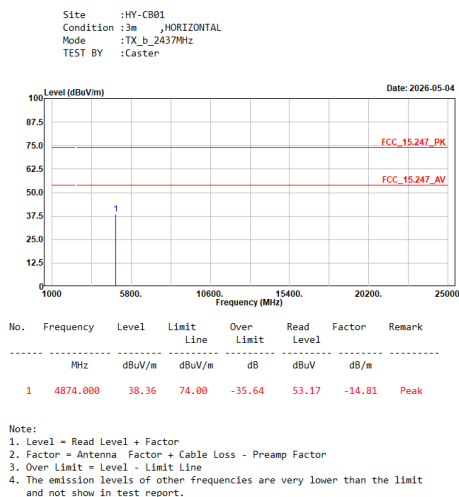
TX_b_2412MHz_H



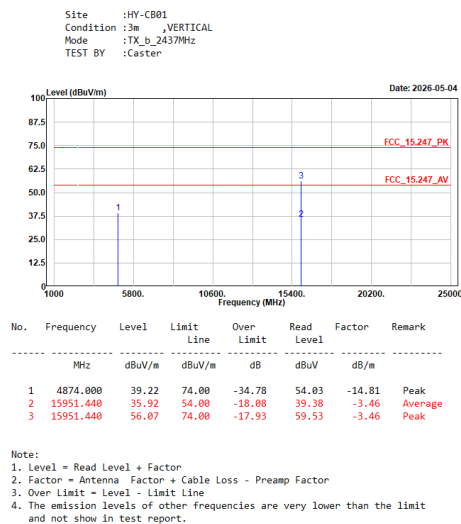
TX_b_2412MHz_V



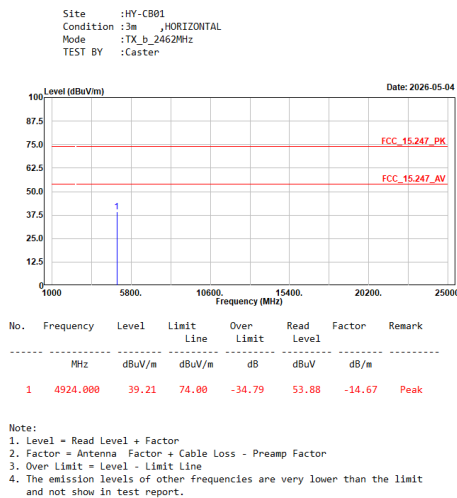
TX_b_2437MHz_H



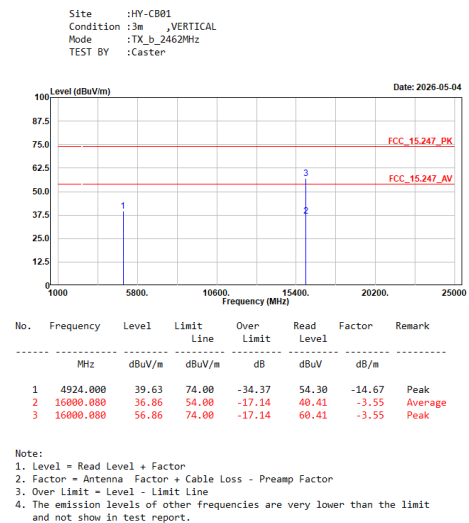
TX_b_2437MHz_V



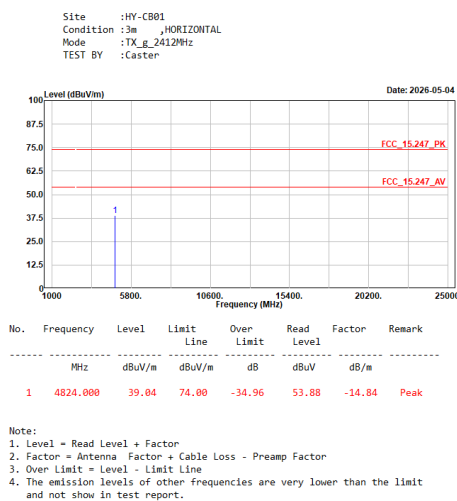
TX_b_2462MHz_H



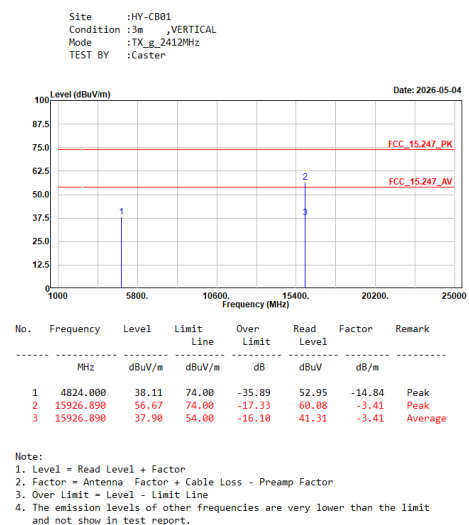
TX_b_2462MHz_V



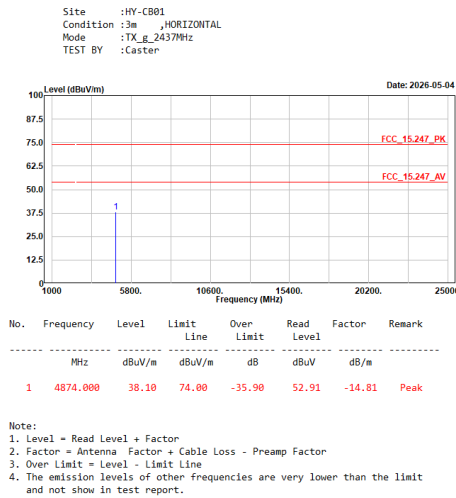
TX_g_2412MHz_H



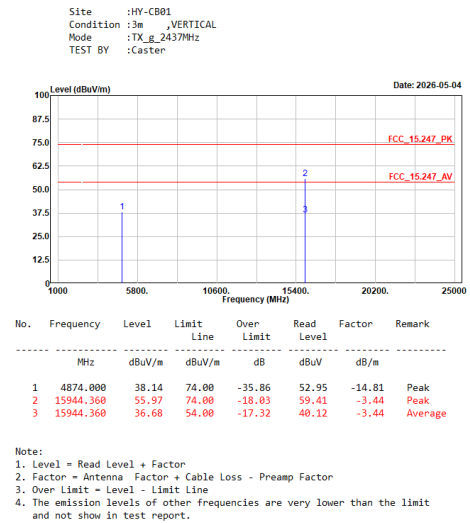
TX_g_2412MHz_V



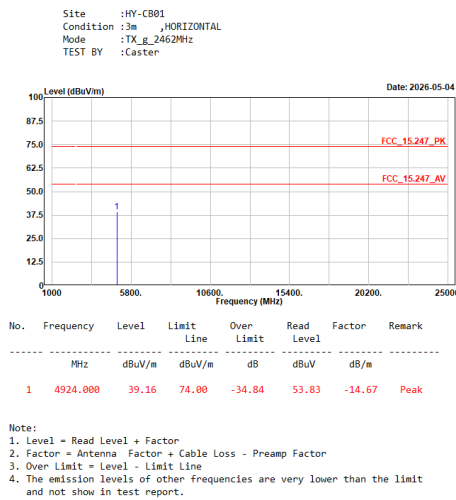
TX_g_2437MHz_H



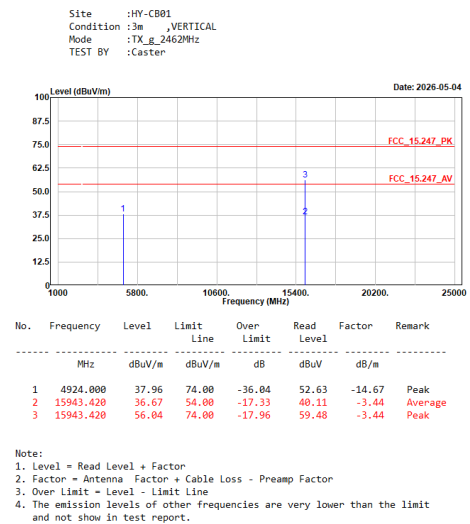
TX_g_2437MHz_V



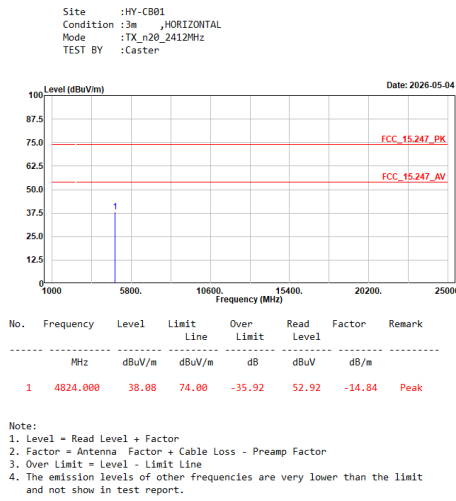
TX_g_2462MHz_H



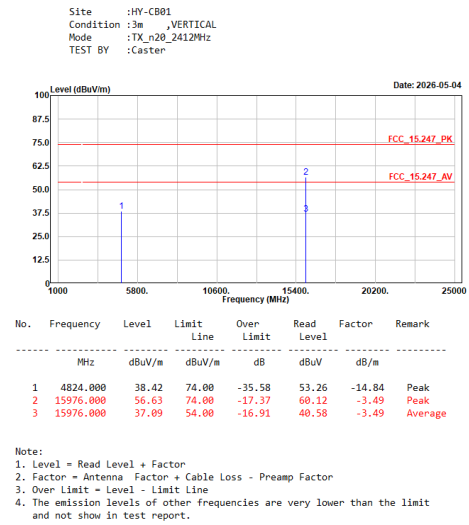
TX_g_2462MHz_V



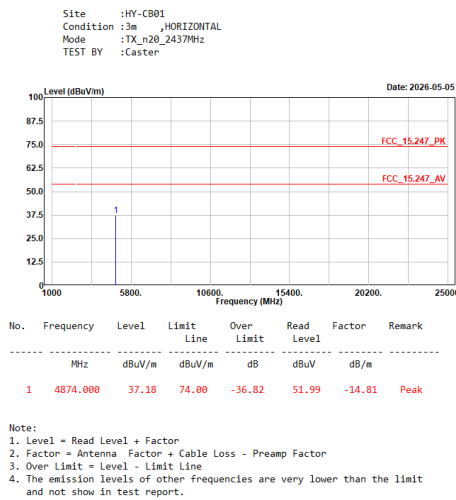
TX_n20_2412MHz_H



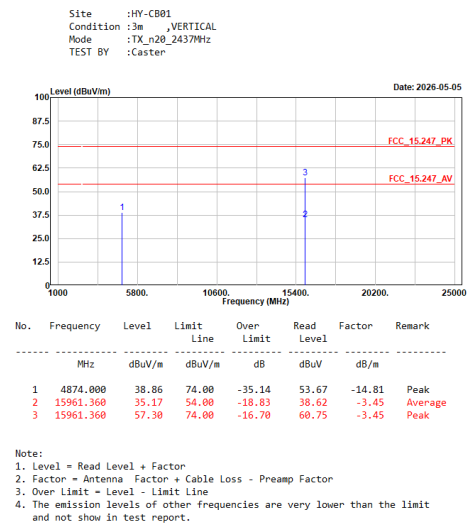
TX_n20_2412MHz_V



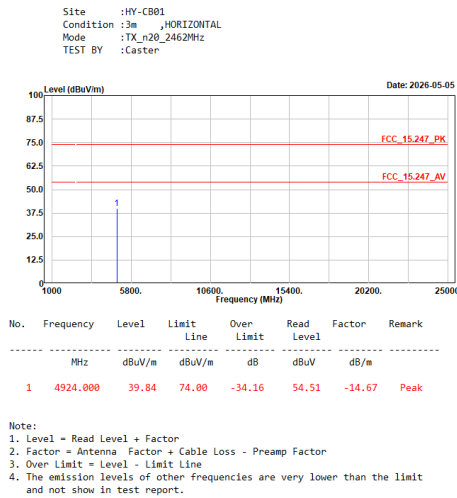
TX_n20_2437MHz_H



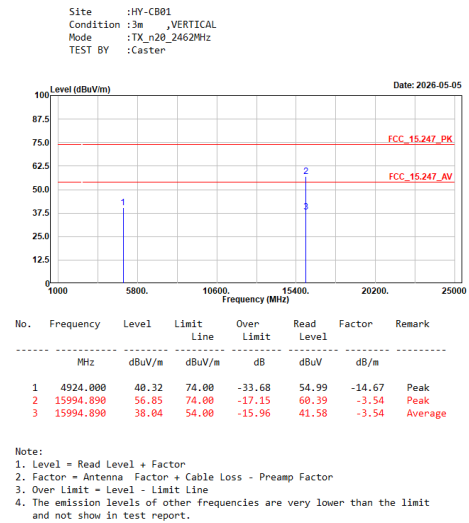
TX_n20_2437MHz_V



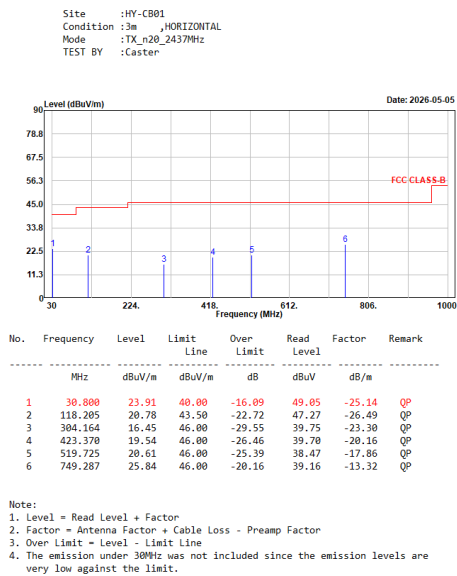
TX_n20_2462MHz_H



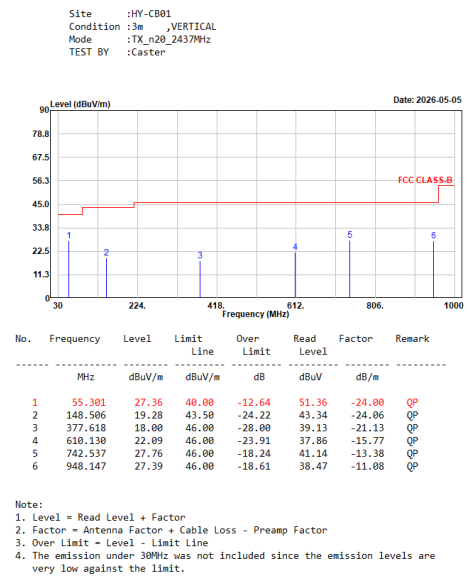
TX_n20_2462MHz_V



TX_n20_2437MHz_H

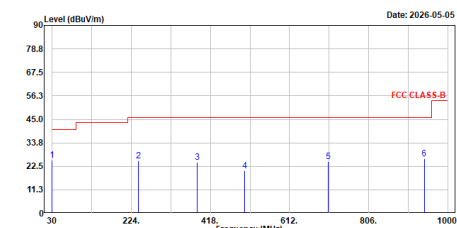


TX_n20_2437MHz_V



Charge mode_H

Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :Charge mode
TEST BY :Caster



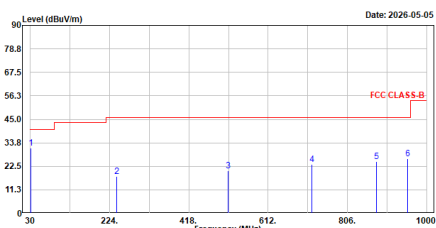
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	dBuV	dB/m	
1	30.450	25.54	40.00	-14.46	50.64	-25.10	QP
2	240.911	24.99	46.00	-21.01	50.23	-25.24	QP
3	385.568	24.58	46.00	-21.42	45.50	-20.92	QP
4	501.824	20.21	46.00	-25.79	38.58	-18.37	QP
5	706.235	24.91	46.00	-21.09	39.14	-14.23	QP
6	942.197	26.31	46.00	-19.69	37.50	-11.19	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.

Charge mode_V

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :Charge mode
TEST BY :Caster

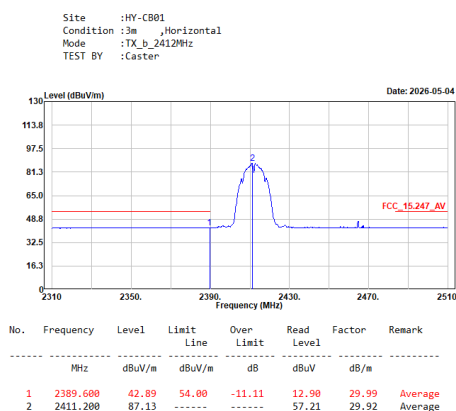


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	dBuV	dB/m	
1	30.700	31.35	40.00	-8.65	56.48	-25.13	QP
2	240.961	17.80	46.00	-28.20	43.04	-25.24	QP
3	513.425	20.48	46.00	-25.52	38.42	-17.94	QP
4	718.936	23.39	46.00	-22.61	37.35	-13.96	QP
5	876.894	24.65	46.00	-21.35	36.73	-12.08	QP
6	953.348	26.11	46.00	-19.89	37.07	-10.96	QP

Note:

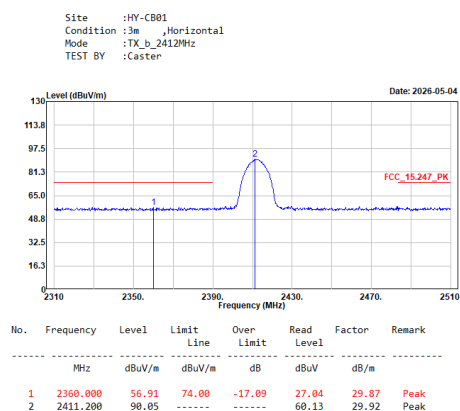
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

TX_b_2412MHz_H_Average



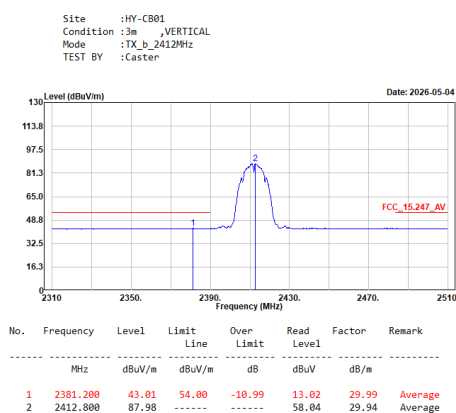
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_b_2412MHz_H_Peak



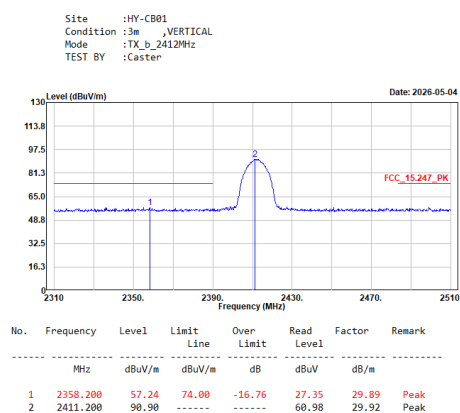
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_b_2412MHz_V_Average



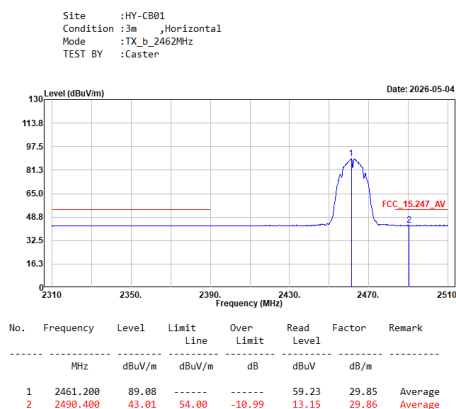
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_b_2412MHz_V_Peak



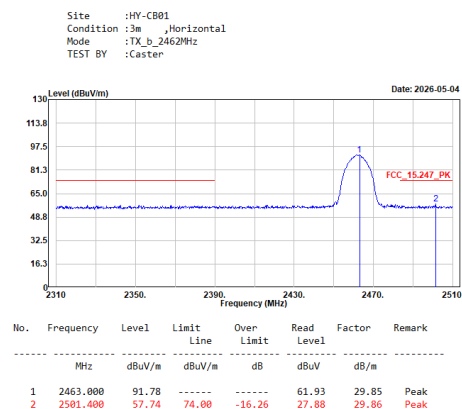
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_b_2462MHz_H_Average



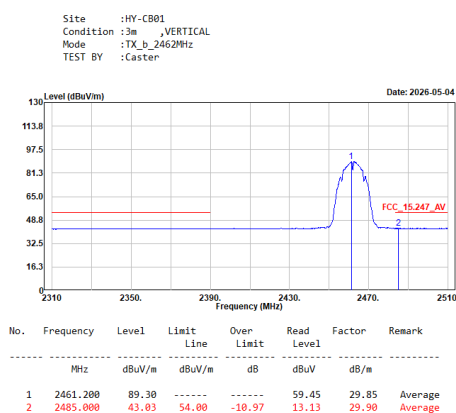
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_b_2462MHz_H_Peak



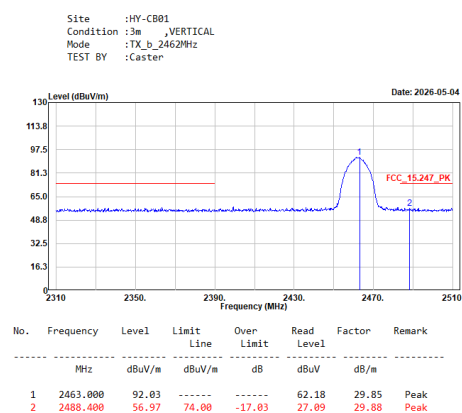
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_b_2462MHz_V_Average



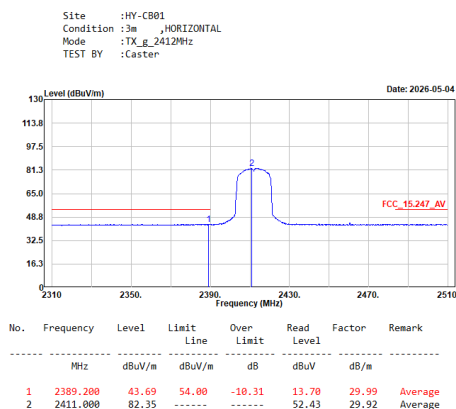
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_b_2462MHz_V_Peak



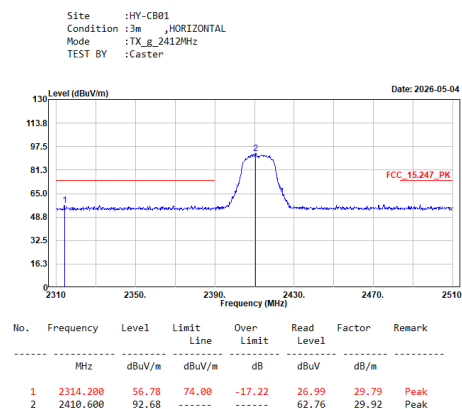
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_g_2412MHz_H_Average



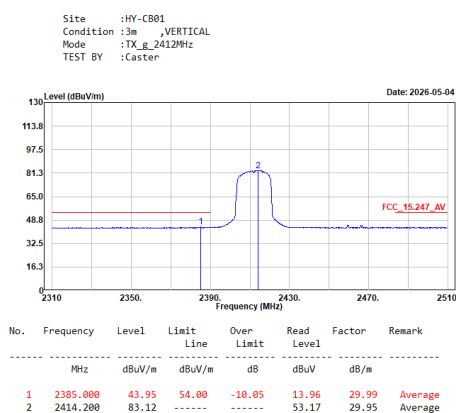
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_g_2412MHz_H_Peak



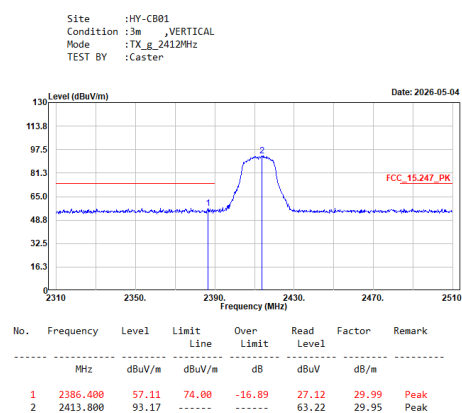
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_g_2412MHz_V_Average



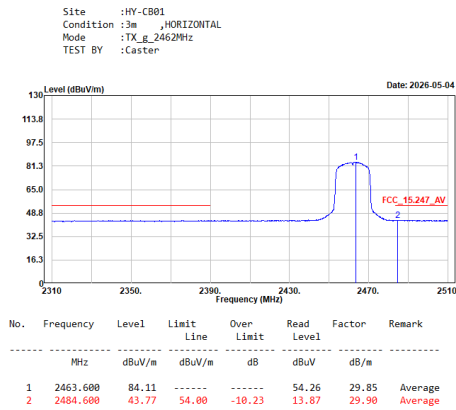
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_g_2412MHz_V_Peak



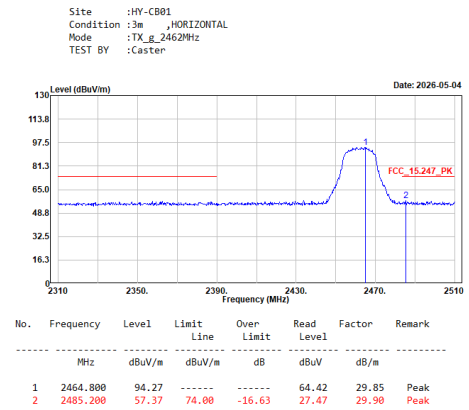
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_g_2462MHz_H_Average



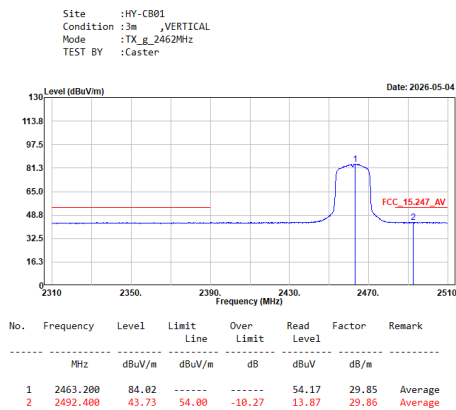
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_g_2462MHz_H_Peak



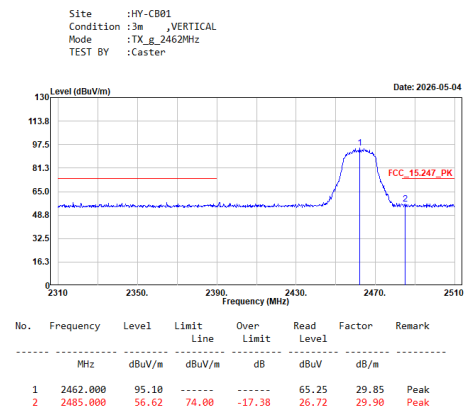
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_g_2462MHz_V_Average



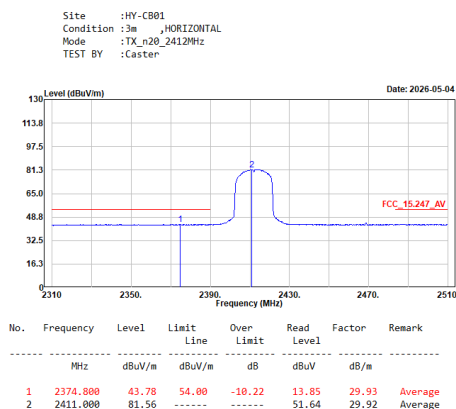
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_g_2462MHz_V_Peak



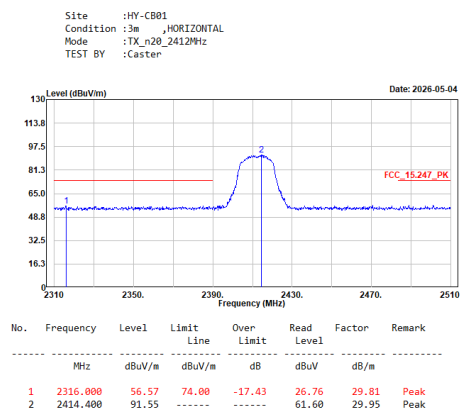
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n20_2412MHz_H_Average



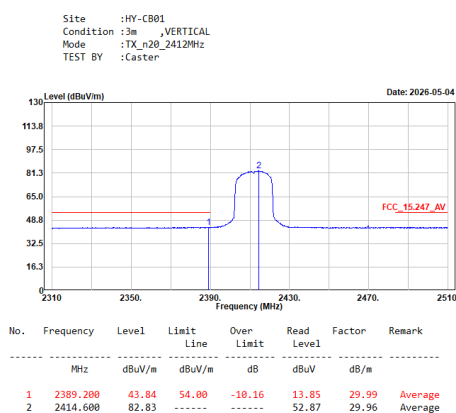
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n20_2412MHz_H_Peak



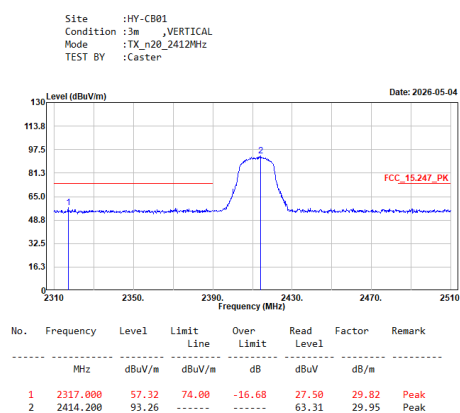
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n20_2412MHz_V_Average



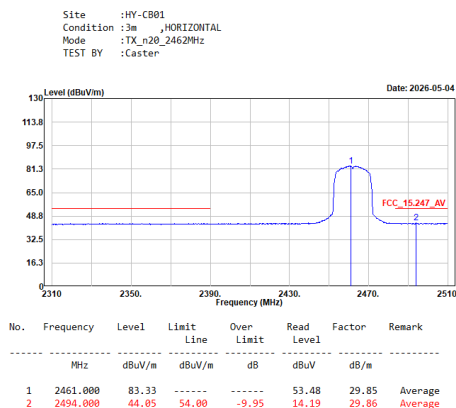
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n20_2412MHz_V_Peak



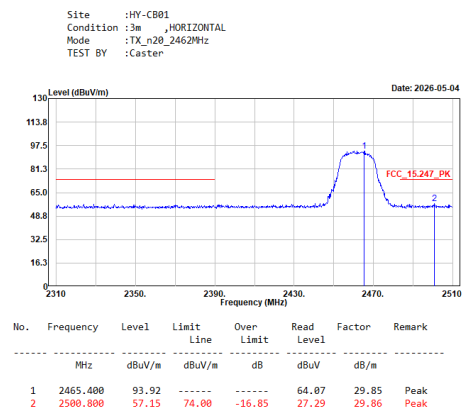
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n20_2462MHz_H_Average



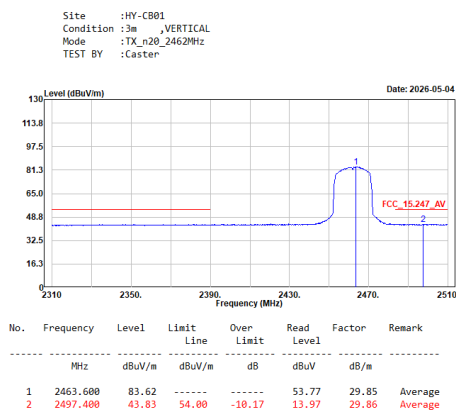
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n20_2462MHz_H_Peak



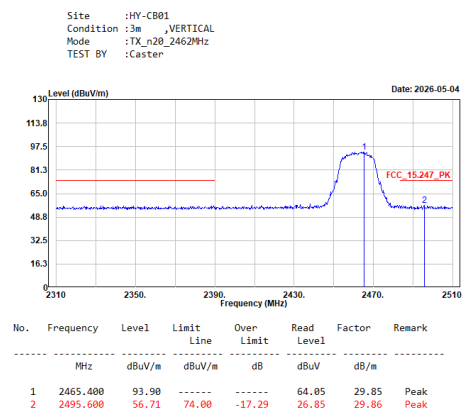
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_n20_2462MHz_V_Average



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TX_n20_2462MHz_V_Peak



Note:
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