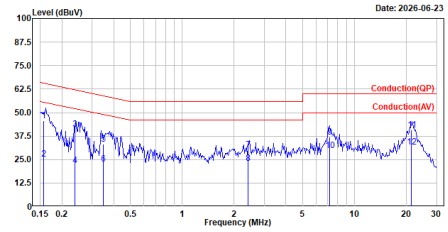
Appendix A. Test Result of AC Power Line Conducted Emission

TX_4M_2440MHz_Line

Site :HY-SR01
Condition :Line
Mode :TX_4M_2440MHz
test by :Kevin

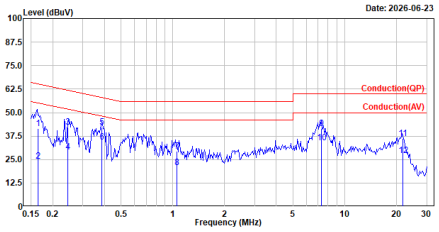


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.157	45.74	65.61	-19.87	36.11	9.63	QP
2	0.157	25.15	55.61	-30.46	15.52	9.63	Average
3	0.239	40.94	62.13	-21.19	31.29	9.65	QP
4	0.239	21.91	52.13	-30.22	12.26	9.65	Average
5	0.348	33.27	59.01	-25.74	23.61	9.66	QP
6	0.348	22.46	49.01	-26.55	12.80	9.66	Average
7	2.411	30.30	56.00	-25.70	20.51	9.79	QP
8	2.411	23.14	46.00	-22.86	13.35	9.79	Average
9	7.205	36.81	60.00	-23.19	26.67	10.14	QP
10	7.205	29.83	50.00	-20.17	19.69	10.14	Average
11	21.391	40.69	60.00	-19.31	30.78	9.91	QP
12	21.391	31.66	50.00	-18.34	21.75	9.91	Average

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

TX_4M_2440MHz_Neutral

Site :HY-SR01
Condition :Neutral
Mode :TX_4M_2440MHz
test by :Kevin



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.165	41.47	65.23	-23.76	31.83	9.64	QP
2	0.165	24.22	55.23	-31.01	14.58	9.64	Average
3	0.246	42.09	61.90	-19.81	32.43	9.66	QP
4	0.246	29.14	51.90	-22.76	19.48	9.66	Average
5	0.386	42.10	58.16	-16.06	32.45	9.65	QP
6	0.386	34.19	48.16	-13.97	24.54	9.65	Average
7	1.055	29.36	56.00	-26.64	19.69	9.67	QP
8	1.055	20.71	46.00	-25.29	11.04	9.67	Average
9	7.323	41.57	60.00	-18.43	31.42	10.15	QP
10	7.323	33.96	50.00	-16.04	23.81	10.15	Average
11	21.716	36.37	60.00	-23.63	26.44	9.93	QP
12	21.716	27.21	50.00	-22.79	17.28	9.93	Average

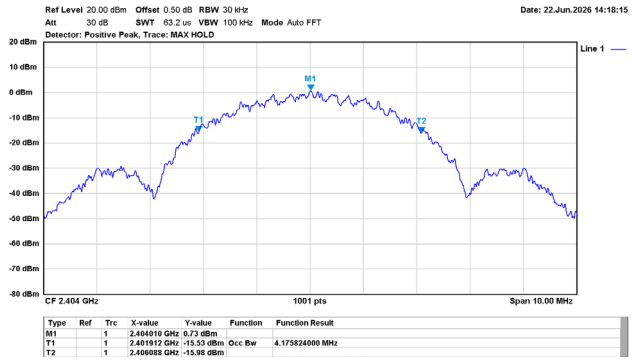
Note:
1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

Appendix B. Test Result of Occupied Bandwidth & DTS Bandwidth

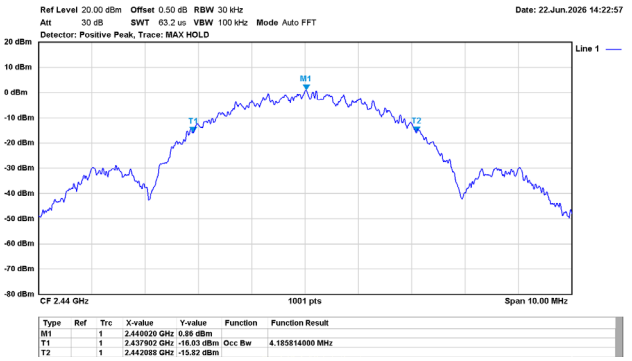
Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)	DTS Bandwidth (MHz)	Limit (MHz)	
				99% Occupied Bandwidth	DTS Bandwidth
GFSK (4Mbps)	2404	4.18	2.07	-	≧ 0.5
	2440	4.19	1.86	-	≧ 0.5
	2478	4.18	2.02	-	≧ 0.5

For 99% Occupied Bandwidth:

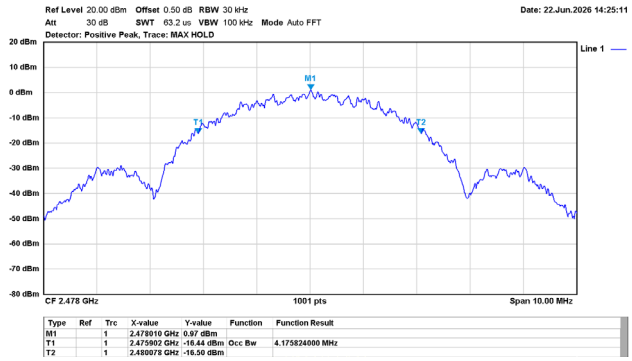
GFSK/4M/2404MHz/Ch1/Ant.1



GFSK/4M/2440MHz/Ch19/Ant.1

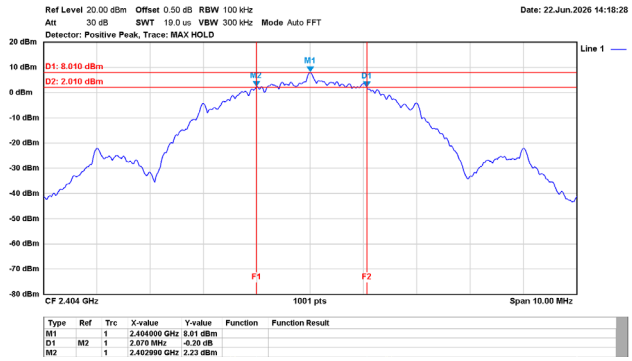


GFSK/4M/2478MHz/Ch38/Ant.1

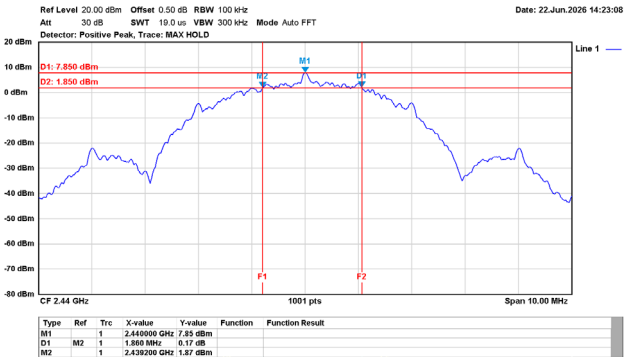


For DTS Bandwidth:

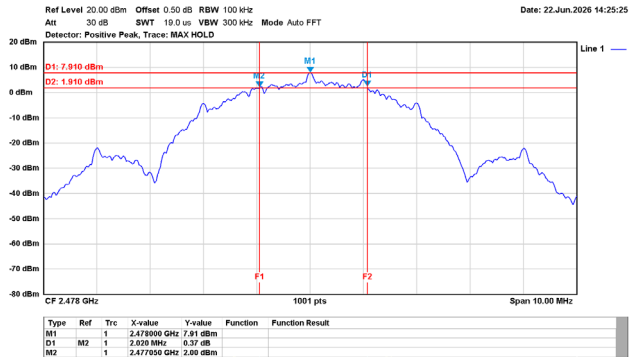
GFSK/4M/2404MHz/Ch1/Ant.1



GFSK/4M/2440MHz/Ch19/Ant.1



GFSK/4M/2478MHz/Ch38/Ant.1

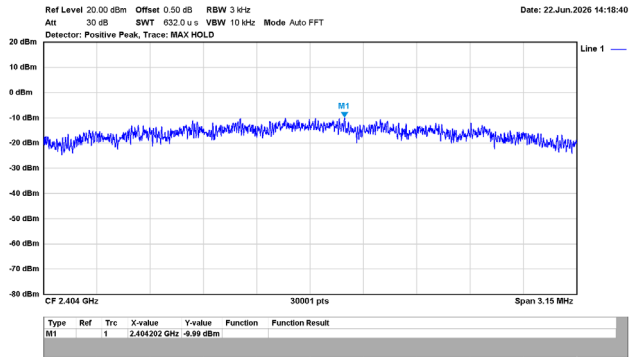
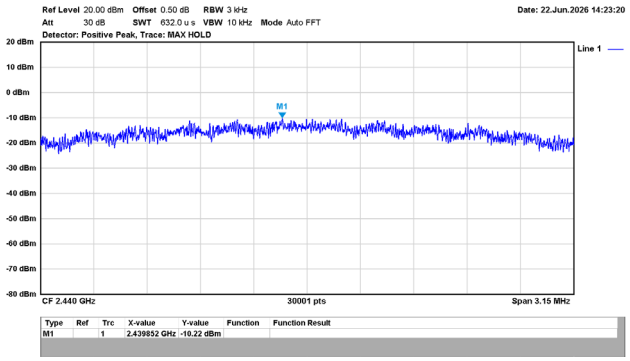
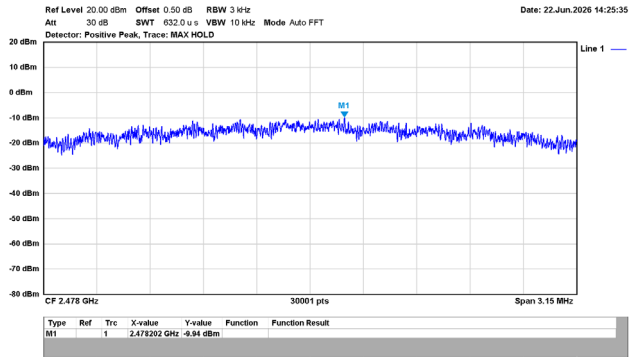


Appendix C. Test Result of Maximum Peak Conducted Output Power

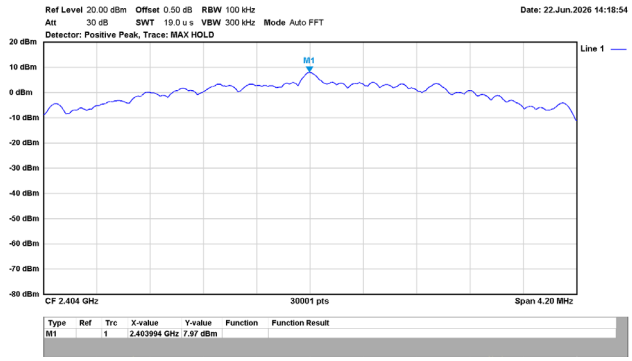
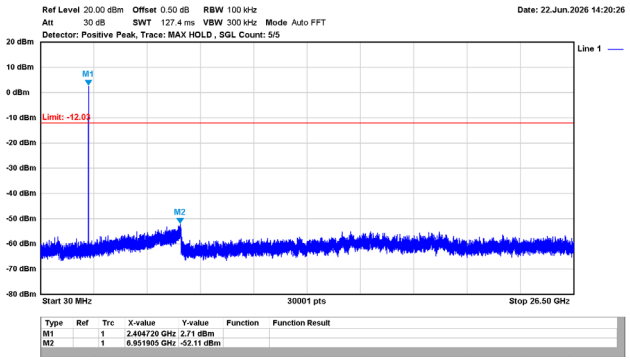
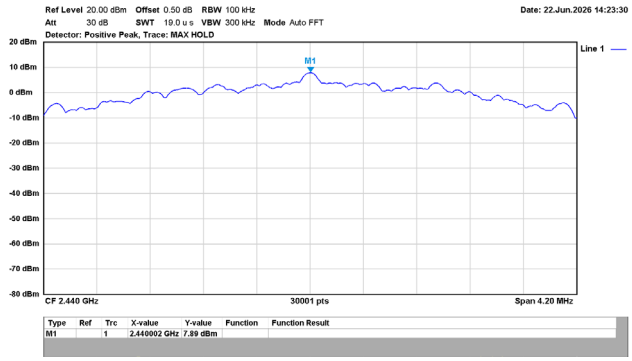
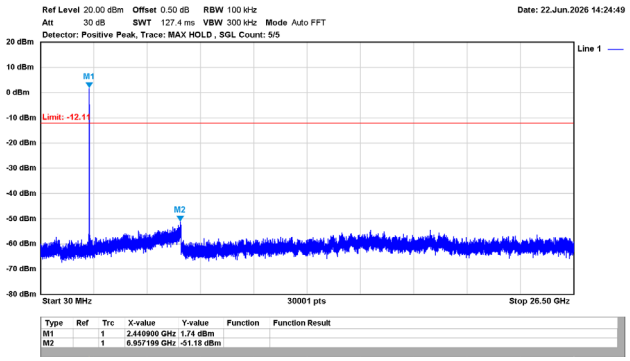
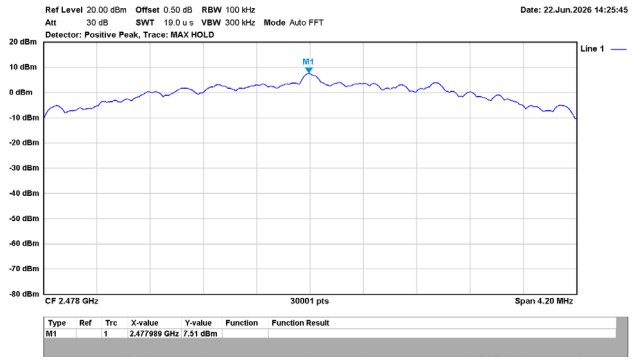
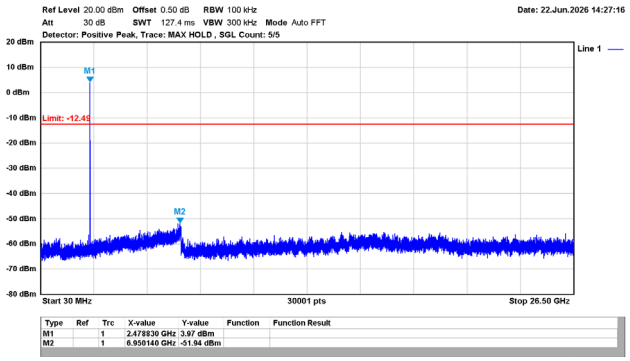
Modulation	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)	Limit (dBm)	Result
GFSK (4Mbps)	2404	8.99	30.00	Pass
	2440	8.86	30.00	Pass
	2478	8.77	30.00	Pass

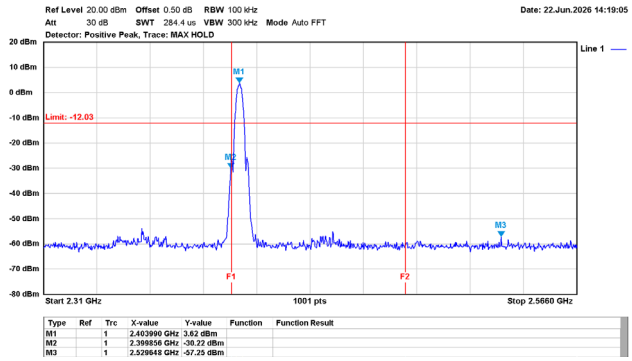
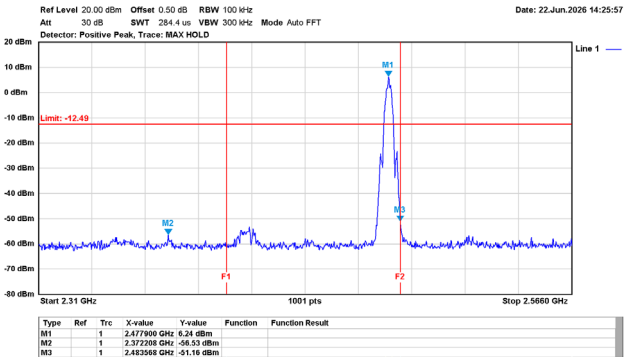
Appendix D. Test Result of Maximum Power Spectral Density

Modulation	Frequency (MHz)	Maximum Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
GFSK (4Mbps)	2404	-9.99	8.00	Pass
	2440	-10.22	8.00	Pass
	2478	-9.94	8.00	Pass

GFSK/4M/2404MHz/Ch1/Ant.1	GFSK/4M/2440MHz/Ch19/Ant.1
	
GFSK/4M/2478MHz/Ch38/Ant.1	
	

Appendix E. Test Result of Antenna Port Conducted Emission

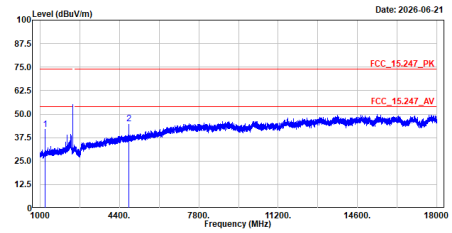
GFSK/4M/2404MHz/Ch1/Ant.1 (Ref.)	GFSK/4M/2404MHz/Ch1/Ant.1
	
GFSK/4M/2440MHz/Ch19/Ant.1 (Ref.)	GFSK/4M/2440MHz/Ch19/Ant.1
	
GFSK/4M/2478MHz/Ch38/Ant.1 (Ref.)	GFSK/4M/2478MHz/Ch38/Ant.1
	

GFSK/4M/2404MHz/Ch1/Ant.1(Band Edge)	GFSK/4M/2478MHz/Ch38/Ant.1(Band Edge)
	

Appendix F. Test Result of Radiated Emission

TX_4M_2404MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_4M_2404MHz
Test BY :Rock

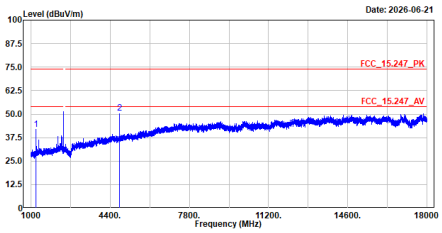


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1199.750	41.72	74.00	-32.28	67.57	-25.85	Peak
2	4808.000	44.88	74.00	-29.12	59.60	-14.72	Peak

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_4M_2404MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_4M_2404MHz
Test BY :Rock

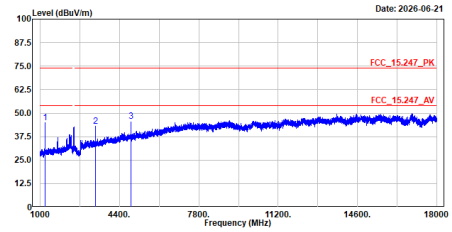


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1199.750	41.88	74.00	-32.12	67.73	-25.85	Peak
2	4808.000	50.74	74.00	-23.26	65.46	-14.72	Peak

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_4M_2440MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_4M_2440MHz
Test BY :Rock

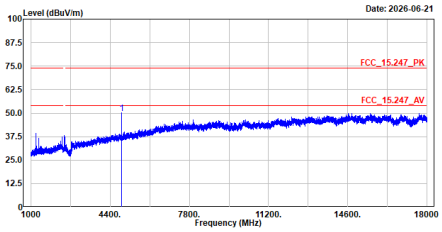


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1199.750	44.95	74.00	-29.05	70.80	-25.85	Peak
2	3368.950	43.01	74.00	-30.99	64.81	-21.80	Peak
3	4880.000	45.68	74.00	-28.32	60.14	-14.46	Peak

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_4M_2440MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_4M_2440MHz
Test BY :Rock

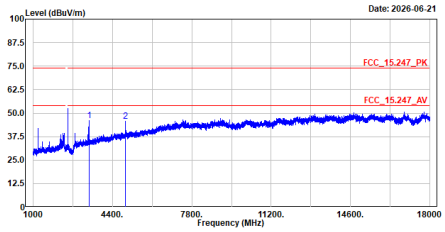


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4880.000	49.74	74.00	-24.26	64.20	-14.46	Peak

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_4M_2478MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_4M_2478MHz
Test BY :Rock

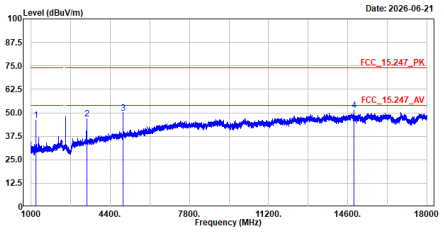


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	3405.500	46.09	74.00	-27.91	67.80	-21.71	Peak
2	4956.000	45.74	74.00	-28.26	59.98	-14.24	Peak

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_4M_2478MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_4M_2478MHz
Test BY :Rock

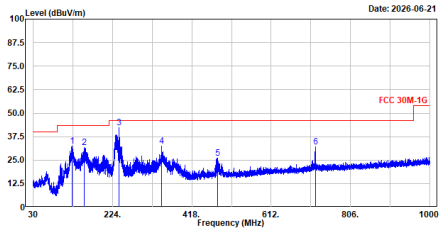


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1198.900	46.01	74.00	-27.99	71.86	-25.85	Peak
2	3404.650	46.72	74.00	-27.28	68.43	-21.71	Peak
3	4956.000	49.81	74.00	-24.19	64.05	-14.24	Peak
4	14874.550	51.36	74.00	-22.64	51.66	-0.30	Peak

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_4M_2440MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_4M_2440MHz
Test BY :Rock

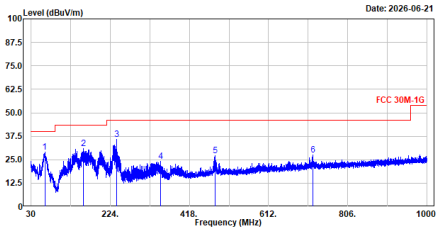


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	124.769	32.34	43.50	-11.16	58.29	-25.95	QP
2	154.839	31.78	43.50	-11.72	55.54	-23.76	QP
3	240.005	42.26	46.00	-3.74	67.35	-25.09	QP
4	344.668	32.46	46.00	-13.54	54.44	-21.98	QP
5	481.826	26.11	46.00	-19.89	44.70	-18.59	QP
6	720.349	32.08	46.00	-13.92	45.79	-13.71	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_4M_2440MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_4M_2440MHz
Test BY :Rock

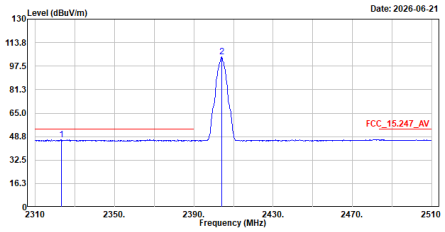


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	63.562	29.01	40.00	-10.99	53.96	-24.95	QP
2	158.234	30.95	43.50	-12.55	54.78	-23.83	QP
3	240.199	35.74	46.00	-10.26	60.83	-25.09	QP
4	347.481	24.22	46.00	-21.78	46.19	-21.97	QP
5	481.244	27.24	46.00	-18.76	45.85	-18.61	QP
6	720.058	27.44	46.00	-18.56	41.16	-13.72	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_4M_2404MHz_H_Average

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_4M_2404MHz
Test BY :Rock

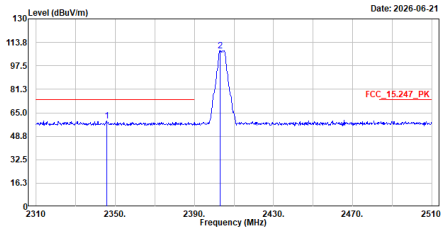


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2323.200	46.53	54.00	-7.47	15.96	30.57	Average
2	2404.000	103.90	------	------	73.55	30.35	Average

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_4M_2404MHz_H_Peak

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_4M_2404MHz
Test BY :Rock

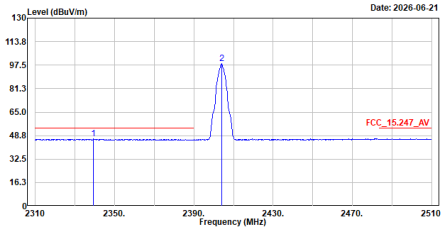


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2345.600	59.17	74.00	-14.83	28.66	30.51	Peak
2	2403.000	107.97	------	------	77.61	30.36	Peak

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_4M_2404MHz_V_Average

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_4M_2404MHz
Test BY :Rock

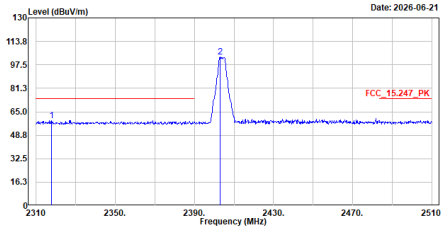


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2339.400	46.37	54.00	-7.63	15.80	30.57	Average
2	2404.000	98.55	------	------	68.20	30.35	Average

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_4M_2404MHz_V_Peak

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_4M_2404MHz
Test BY :Rock

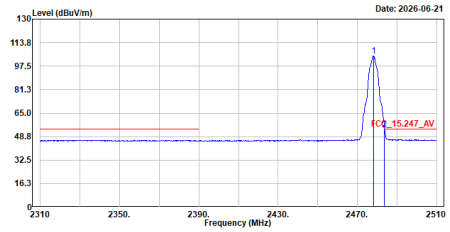


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2317.800	59.04	74.00	-14.96	28.47	30.57	Peak
2	2403.000	102.81	------	------	72.45	30.36	Peak

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_4M_2478MHz_H_Average

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_4M_2478MHz
Test BY :Rock

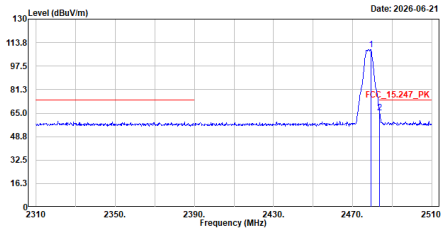


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2478.200	104.58	------	------	74.15	30.43	Average
2	2483.600	53.44	54.00	-0.56	23.01	30.43	Average

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_4M_2478MHz_H_Peak

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_4M_2478MHz
Test BY :Rock

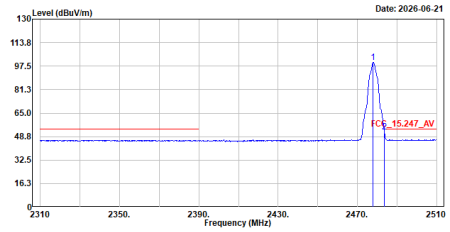


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2479.200	108.76	------	------	78.33	30.43	Peak
2	2483.600	65.13	74.00	-8.87	34.70	30.43	Peak

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_4M_2478MHz_V_Average

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_4M_2478MHz
Test BY :Rock

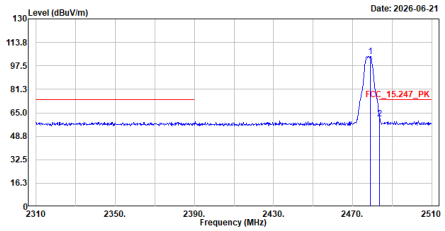


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2478.000	99.97	------	------	69.54	30.43	Average
2	2483.600	51.80	54.00	-2.20	21.37	30.43	Average

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_4M_2478MHz_V_Peak

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_4M_2478MHz
Test BY :Rock



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2479.000	104.02	------	------	73.59	30.43	Peak
2	2483.600	60.86	74.00	-13.14	30.43	30.43	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.

Worst-Case Emissions Above 18 GHz

TX_4M_2440MHz_H	TX_4M_2440MHz_V