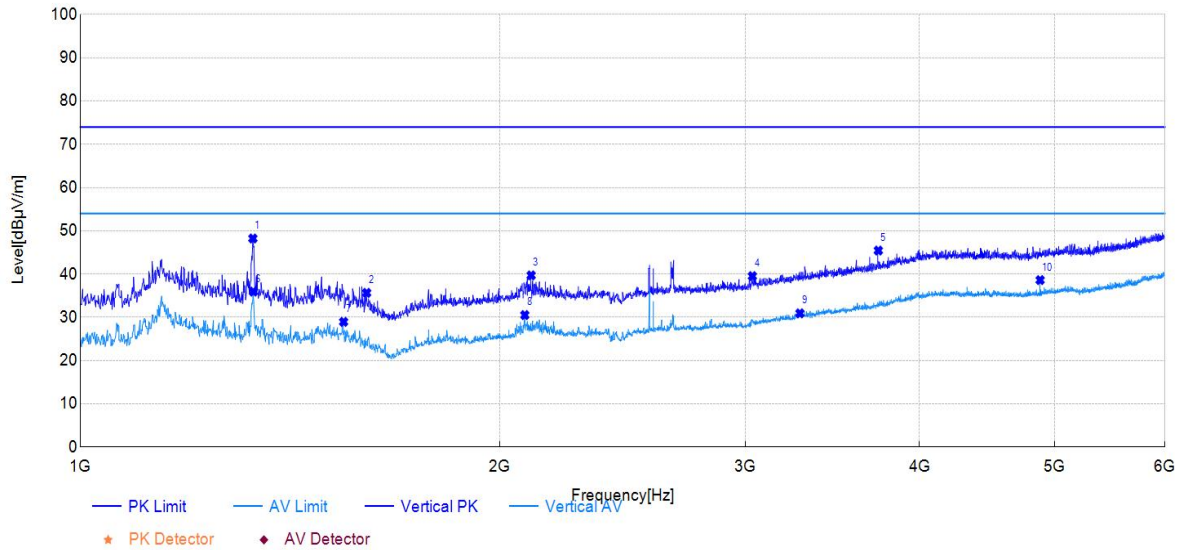


EUT:	RDS AV RECEIVER	Polarity:	Vertical
Model:	DMH-470EX	Test Engineer:	Chuang Li
Mode:	Transmit at DH5 Channel 39	Voltage:	DC 14.4V
Environment:	Temp: 22.1°C; Humi: 55%	Test Date:	2025-09-05

Test Graph



Suspected Data List

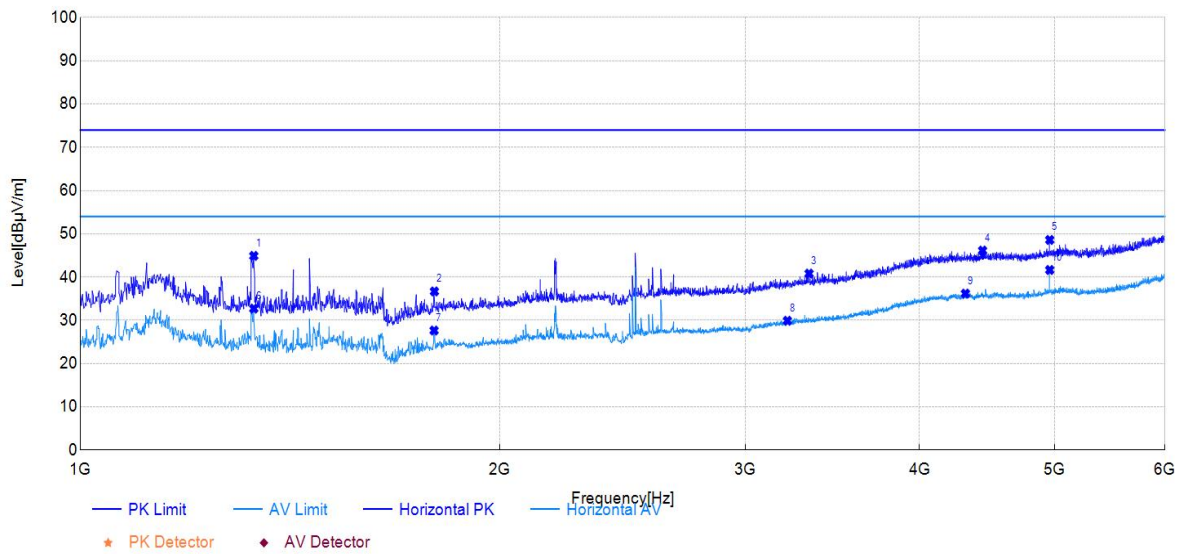
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1330.00	70.01	48.23	-21.78	74.00	25.77	100	124	PK	Vertical	PASS
2	1605.00	55.98	35.65	-20.33	74.00	38.35	150	123	PK	Vertical	PASS
3	2106.00	57.06	39.69	-17.37	74.00	34.31	150	111	PK	Vertical	PASS
4	3035.00	53.66	39.52	-14.14	74.00	34.48	150	229	PK	Vertical	PASS
5	3737.00	55.60	45.44	-10.16	74.00	28.56	150	93	PK	Vertical	PASS
6	1331.00	57.73	35.95	-21.78	54.00	18.05	100	117	AV	Vertical	PASS
7	1545.00	49.64	28.95	-20.69	54.00	25.05	100	85	AV	Vertical	PASS
8	2084.00	47.97	30.52	-17.45	54.00	23.48	150	134	AV	Vertical	PASS
9	3283.00	43.58	30.92	-12.66	54.00	23.08	150	236	AV	Vertical	PASS
10	4882.00	45.77	38.61	-7.16	54.00	15.39	150	314	AV	Vertical	PASS

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 26.5GHz), therefore no data appear in the report.

1GHz – 6GHz Test Data

EUT:	RDS AV RECEIVER	Polarity:	Horizontal
Model:	DMH-470EX	Test Engineer:	Chuang Li
Mode:	Transmit at DH5 Channel 78	Voltage:	DC 14.4V
Environment:	Temp: 22.1°C; Humi: 55%	Test Date:	2025-09-05

Test Graph



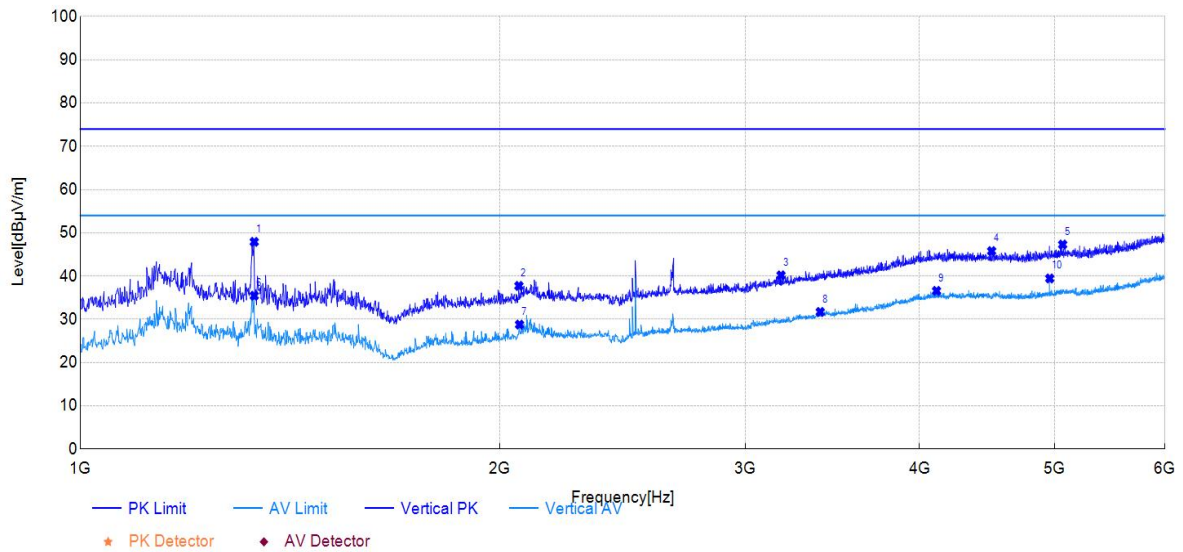
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1332.00	67.56	44.90	-22.66	74.00	29.10	150	111	PK	Horizontal	PASS
2	1795.00	56.20	36.68	-19.52	74.00	37.32	100	88	PK	Horizontal	PASS
3	3333.00	53.81	40.80	-13.01	74.00	33.20	150	291	PK	Horizontal	PASS
4	4439.00	53.54	46.13	-7.41	74.00	27.87	100	225	PK	Horizontal	PASS
5	4960.00	54.80	48.59	-6.21	74.00	25.41	150	321	PK	Horizontal	PASS
6	1332.00	55.37	32.71	-22.66	54.00	21.29	150	107	AV	Horizontal	PASS
7	1794.00	47.18	27.64	-19.54	54.00	26.36	100	88	AV	Horizontal	PASS
8	3216.00	43.42	29.90	-13.52	54.00	24.10	100	323	AV	Horizontal	PASS
9	4315.00	43.77	36.18	-7.59	54.00	17.82	150	169	AV	Horizontal	PASS
10	4960.00	47.85	41.64	-6.21	54.00	12.36	150	269	AV	Horizontal	PASS

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 26.5GHz), therefore no data appear in the report.

EUT:	RDS AV RECEIVER	Polarity:	Vertical
Model:	DMH-470EX	Test Engineer:	Chuang Li
Mode:	Transmit at DH5 Channel 78	Voltage:	DC 14.4V
Environment:	Temp: 22.1°C; Humi: 55%	Test Date:	2025-09-05

Test Graph



Suspected Data List

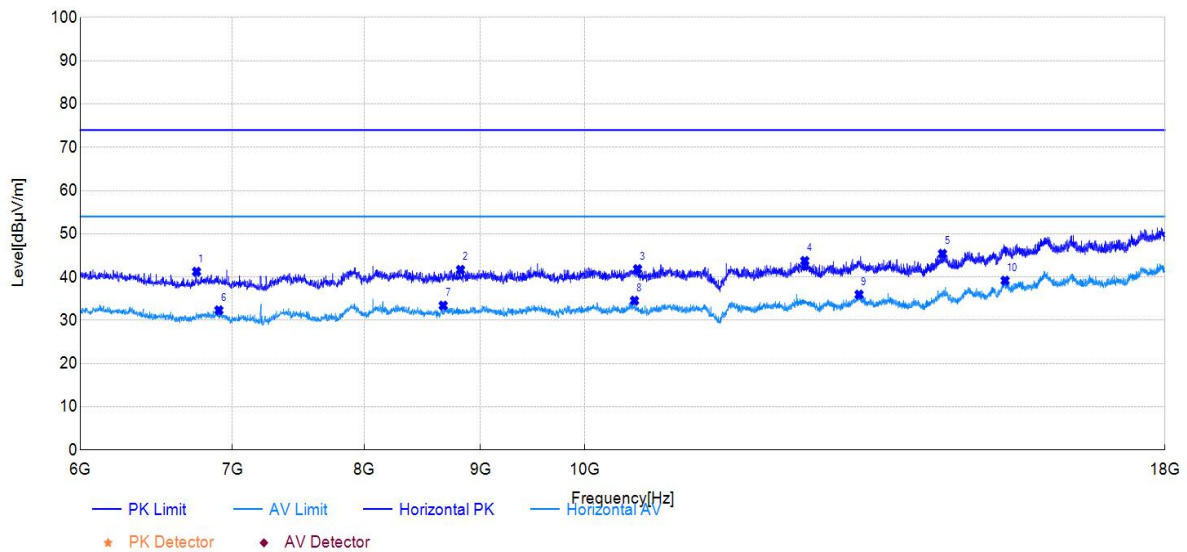
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1333.00	69.67	47.91	-21.76	74.00	26.09	100	123	PK	Vertical	PASS
2	2064.00	55.25	37.72	-17.53	74.00	36.28	100	126	PK	Vertical	PASS
3	3182.00	53.44	40.17	-13.27	74.00	33.83	100	55	PK	Vertical	PASS
4	4506.00	53.34	45.77	-7.57	74.00	28.23	150	57	PK	Vertical	PASS
5	5067.00	53.94	47.28	-6.66	74.00	26.72	100	280	PK	Vertical	PASS
6	1333.00	57.21	35.45	-21.76	54.00	18.55	100	123	AV	Vertical	PASS
7	2066.00	46.29	28.78	-17.51	54.00	25.22	100	123	AV	Vertical	PASS
8	3395.00	43.83	31.70	-12.13	54.00	22.30	100	26	AV	Vertical	PASS
9	4114.00	44.48	36.57	-7.91	54.00	17.43	150	213	AV	Vertical	PASS
10	4960.00	46.33	39.45	-6.88	54.00	14.55	150	287	AV	Vertical	PASS

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 26.5GHz), therefore no data appear in the report.

6GHz – 18GHz Test Data

EUT:	RDS AV RECEIVER	Polarity:	Horizontal
Model:	DMH-470EX	Test Engineer:	Chuang Li
Mode:	Transmit at DH5 Channel 00	Voltage:	DC 14.4V
Environment:	Temp: 22.1°C; Humi: 55%	Test Date:	2025-09-05

Test Graph



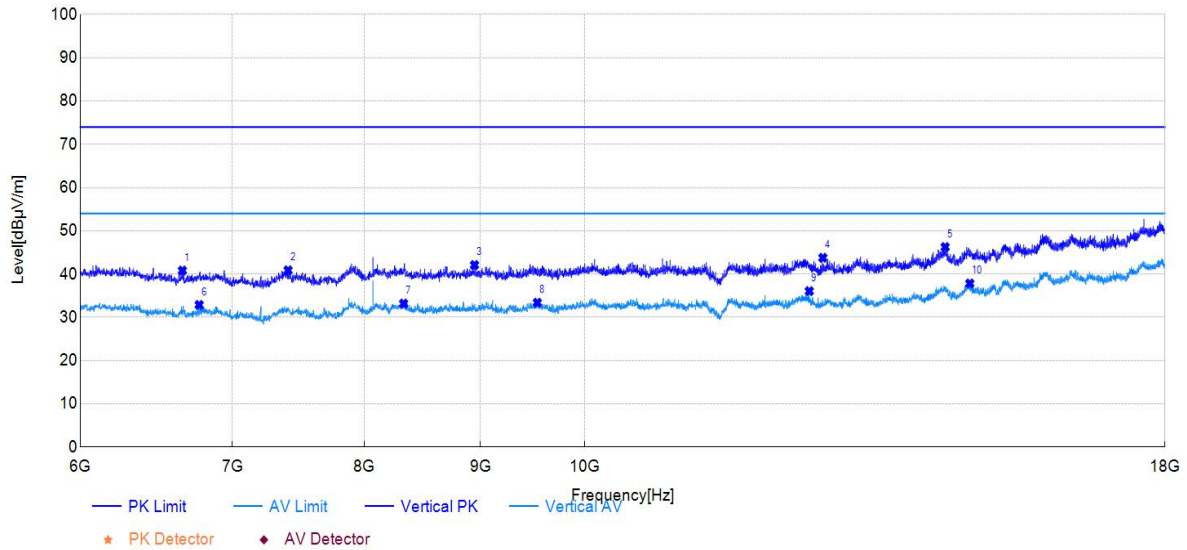
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	6750.00	46.59	41.24	-5.35	74.00	32.76	100	6	PK	Horizontal	PASS
2	8818.50	42.75	41.68	-1.07	74.00	32.32	100	197	PK	Horizontal	PASS
3	10551.00	41.04	41.84	0.80	74.00	32.16	100	59	PK	Horizontal	PASS
4	12498.00	41.29	43.74	2.45	74.00	30.26	100	173	PK	Horizontal	PASS
5	14368.50	40.35	45.39	5.04	74.00	28.61	150	11	PK	Horizontal	PASS
6	6904.50	36.73	32.32	-4.41	54.00	21.68	100	13	AV	Horizontal	PASS
7	8665.50	34.58	33.41	-1.17	54.00	20.59	100	298	AV	Horizontal	PASS
8	10518.00	33.69	34.54	0.85	54.00	19.46	100	274	AV	Horizontal	PASS
9	13204.50	32.54	35.95	3.41	54.00	18.05	100	306	AV	Horizontal	PASS
10	15309.00	31.92	39.18	7.26	54.00	14.82	150	122	AV	Horizontal	PASS

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 26.5GHz), therefore no data appear in the report.

EUT:	RDS AV RECEIVER	Polarity:	Vertical
Model:	DMH-470EX	Test Engineer:	Chuang Li
Mode:	Transmit at DH5 Channel 00	Voltage:	DC 14.4V
Environment:	Temp: 22.1°C; Humi: 55%	Test Date:	2025-09-05

Test Graph



Suspected Data List

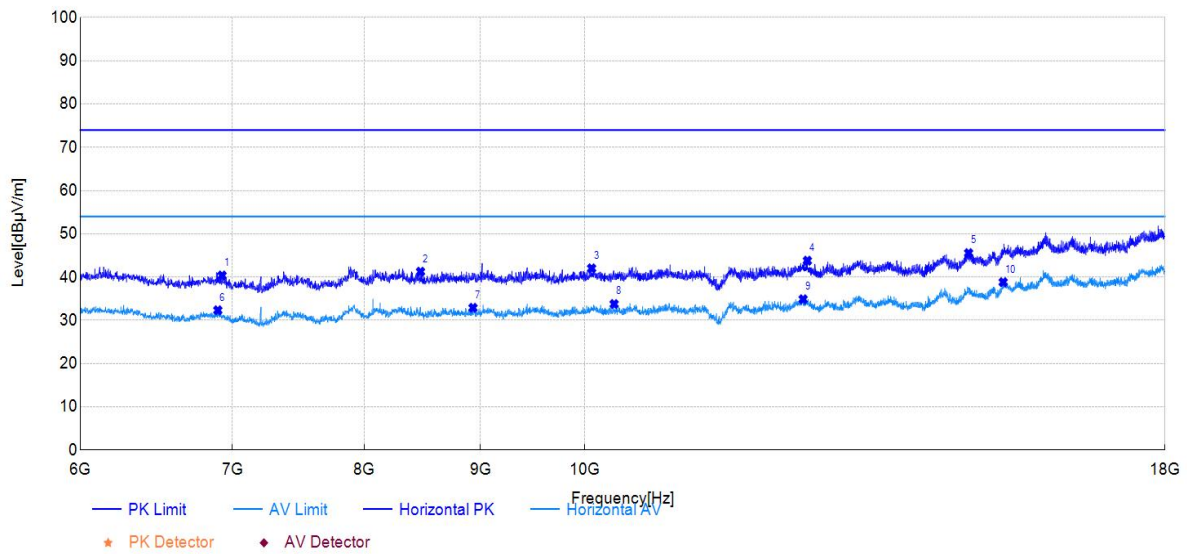
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	6654.00	46.37	40.81	-5.56	74.00	33.19	100	281	PK	Vertical	PASS
2	7405.50	43.62	40.87	-2.75	74.00	33.13	100	77	PK	Vertical	PASS
3	8944.50	43.09	42.09	-1.00	74.00	31.91	100	219	PK	Vertical	PASS
4	12729.00	42.23	43.76	1.53	74.00	30.24	100	70	PK	Vertical	PASS
5	14407.50	40.71	46.25	5.54	74.00	27.75	150	238	PK	Vertical	PASS
6	6768.00	37.93	32.87	-5.06	54.00	21.13	100	82	AV	Vertical	PASS
7	8325.00	34.30	33.18	-1.12	54.00	20.82	150	137	AV	Vertical	PASS
8	9532.50	33.39	33.39	0.00	54.00	20.61	150	278	AV	Vertical	PASS
9	12555.00	33.67	36.05	2.38	54.00	17.95	100	74	AV	Vertical	PASS
10	14772.00	32.20	37.82	5.62	54.00	16.18	150	71	AV	Vertical	PASS

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 26.5GHz), therefore no data appear in the report.

6GHz – 18GHz Test Data

EUT:	RDS AV RECEIVER	Polarity:	Horizontal
Model:	DMH-470EX	Test Engineer:	Chuang Li
Mode:	Transmit at DH5 Channel 39	Voltage:	DC 14.4V
Environment:	Temp: 22.1°C; Humi: 55%	Test Date:	2025-09-05

Test Graph



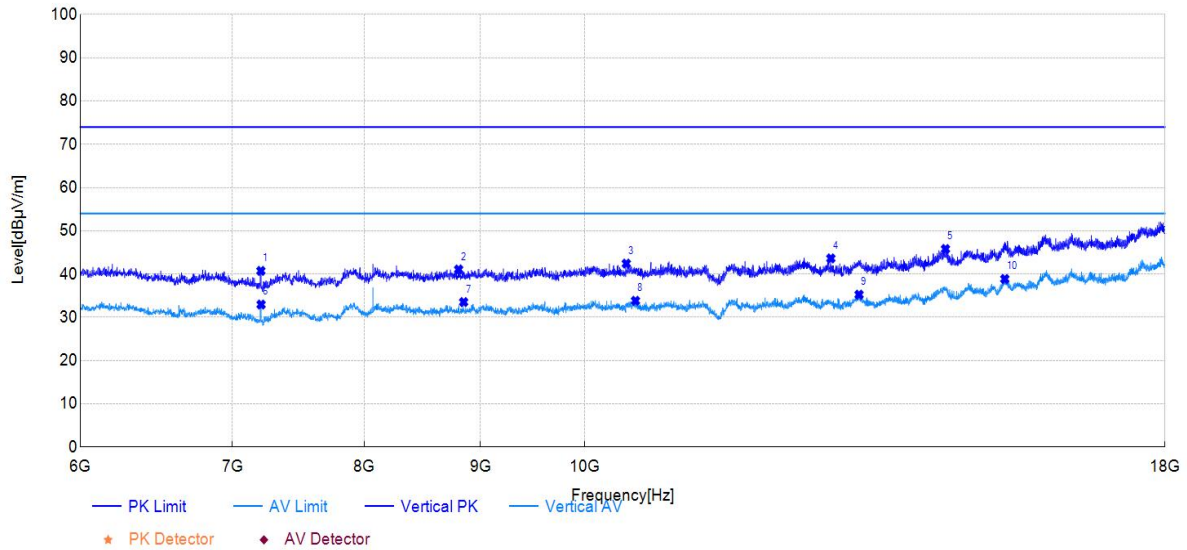
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	6927.00	44.87	40.36	-4.51	74.00	33.64	150	176	PK	Horizontal	PASS
2	8469.00	42.66	41.24	-1.42	74.00	32.76	150	192	PK	Horizontal	PASS
3	10071.00	42.05	42.01	-0.04	74.00	31.99	150	275	PK	Horizontal	PASS
4	12531.00	41.39	43.78	2.39	74.00	30.22	150	164	PK	Horizontal	PASS
5	14754.00	40.13	45.54	5.41	74.00	28.46	100	196	PK	Horizontal	PASS
6	6897.00	36.72	32.32	-4.40	54.00	21.68	150	149	AV	Horizontal	PASS
7	8931.00	33.95	32.89	-1.06	54.00	21.11	150	183	AV	Horizontal	PASS
8	10303.50	33.71	33.76	0.05	54.00	20.24	150	6	AV	Horizontal	PASS
9	12477.00	32.46	34.87	2.41	54.00	19.13	100	27	AV	Horizontal	PASS
10	15279.00	31.89	38.82	6.93	54.00	15.18	100	322	AV	Horizontal	PASS

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 26.5GHz), therefore no data appear in the report.

EUT:	RDS AV RECEIVER	Polarity:	Vertical
Model:	DMH-470EX	Test Engineer:	Chuang Li
Mode:	Transmit at DH5 Channel 39	Voltage:	DC 14.4V
Environment:	Temp: 22.1°C; Humi: 55%	Test Date:	2025-09-05

Test Graph



Suspected Data List

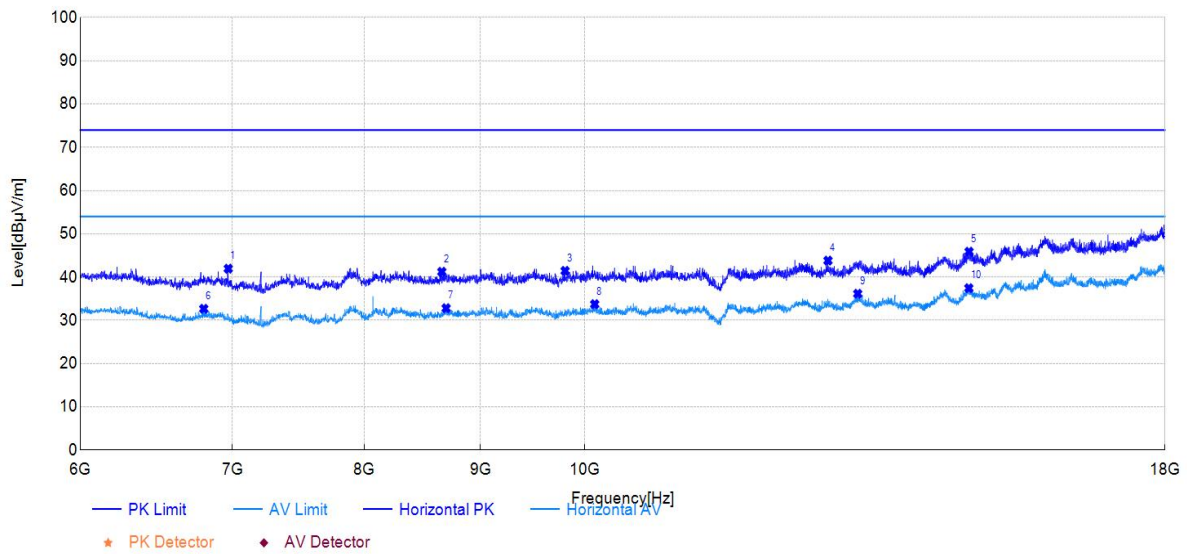
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	7204.50	44.87	40.73	-4.14	74.00	33.27	150	150	PK	Vertical	PASS
2	8802.00	42.10	41.06	-1.04	74.00	32.94	100	26	PK	Vertical	PASS
3	10431.00	41.69	42.42	0.73	74.00	31.58	100	337	PK	Vertical	PASS
4	12832.50	41.90	43.62	1.72	74.00	30.38	100	110	PK	Vertical	PASS
5	14412.00	40.31	45.80	5.49	74.00	28.20	100	271	PK	Vertical	PASS
6	7206.00	37.08	32.95	-4.13	54.00	21.05	100	318	AV	Vertical	PASS
7	8847.00	34.63	33.52	-1.11	54.00	20.48	150	93	AV	Vertical	PASS
8	10528.50	32.70	33.82	1.12	54.00	20.18	100	344	AV	Vertical	PASS
9	13204.50	32.31	35.24	2.93	54.00	18.76	150	349	AV	Vertical	PASS
10	15304.50	31.81	38.87	7.06	54.00	15.13	150	158	AV	Vertical	PASS

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 26.5GHz), therefore no data appear in the report.

6GHz – 18GHz Test Data

EUT:	RDS AV RECEIVER	Polarity:	Horizontal
Model:	DMH-470EX	Test Engineer:	Chuang Li
Mode:	Transmit at DH5 Channel 78	Voltage:	DC 14.4V
Environment:	Temp: 22.1°C; Humi: 55%	Test Date:	2025-09-05

Test Graph



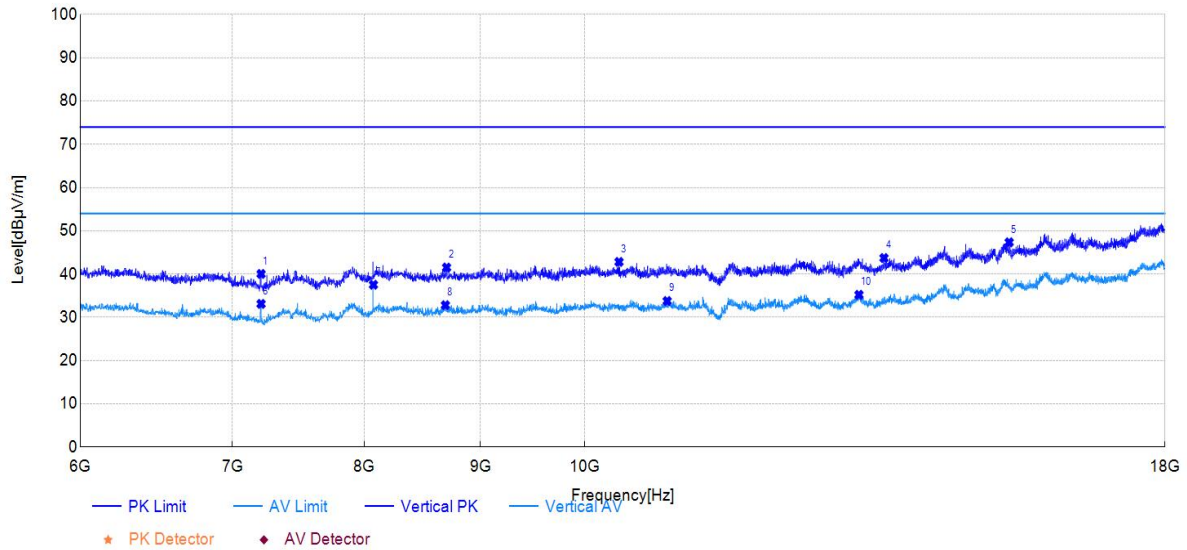
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	6970.50	46.66	41.94	-4.72	74.00	32.06	100	5	PK	Horizontal	PASS
2	8653.50	42.42	41.22	-1.20	74.00	32.78	150	354	PK	Horizontal	PASS
3	9804.00	41.67	41.43	-0.24	74.00	32.57	150	351	PK	Horizontal	PASS
4	12795.00	41.75	43.81	2.06	74.00	30.19	150	221	PK	Horizontal	PASS
5	14760.00	40.44	45.86	5.42	74.00	28.14	100	352	PK	Horizontal	PASS
6	6799.50	37.57	32.66	-4.91	54.00	21.34	150	244	AV	Horizontal	PASS
7	8691.00	33.93	32.79	-1.14	54.00	21.21	100	7	AV	Horizontal	PASS
8	10102.50	33.78	33.73	-0.05	54.00	20.27	100	42	AV	Horizontal	PASS
9	13186.50	32.77	36.14	3.37	54.00	17.86	100	326	AV	Horizontal	PASS
10	14757.00	32.01	37.43	5.42	54.00	16.57	150	225	AV	Horizontal	PASS

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 26.5GHz), therefore no data appear in the report.

EUT:	RDS AV RECEIVER	Polarity:	Vertical
Model:	DMH-470EX	Test Engineer:	Chuang Li
Mode:	Transmit at DH5 Channel 78	Voltage:	DC 14.4V
Environment:	Temp: 22.1°C; Humi: 55%	Test Date:	2025-09-05

Test Graph



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	7206.00	44.16	40.03	-4.13	74.00	33.97	100	309	PK	Vertical	PASS
2	8695.50	42.63	41.51	-1.12	74.00	32.49	150	237	PK	Vertical	PASS
3	10354.50	42.33	42.81	0.48	74.00	31.19	150	0	PK	Vertical	PASS
4	13542.00	40.94	43.71	2.77	74.00	30.29	150	52	PK	Vertical	PASS
5	15372.00	40.61	47.34	6.73	74.00	26.66	150	207	PK	Vertical	PASS
6	7206.00	37.23	33.10	-4.13	54.00	20.90	100	316	AV	Vertical	PASS
7	8074.50	38.67	37.52	-1.15	54.00	16.48	100	304	AV	Vertical	PASS
8	8685.00	33.95	32.80	-1.15	54.00	21.20	100	129	AV	Vertical	PASS
9	10872.00	32.76	33.76	1.00	54.00	20.24	150	360	AV	Vertical	PASS
10	13203.00	32.26	35.20	2.94	54.00	18.80	100	117	AV	Vertical	PASS

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 26.5GHz), therefore no data appear in the report.

7.10. Radiated Restricted Band Edge Measurement

7.10.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.25 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41	--	--	--

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.10.2. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

7.10.3. Test Setting

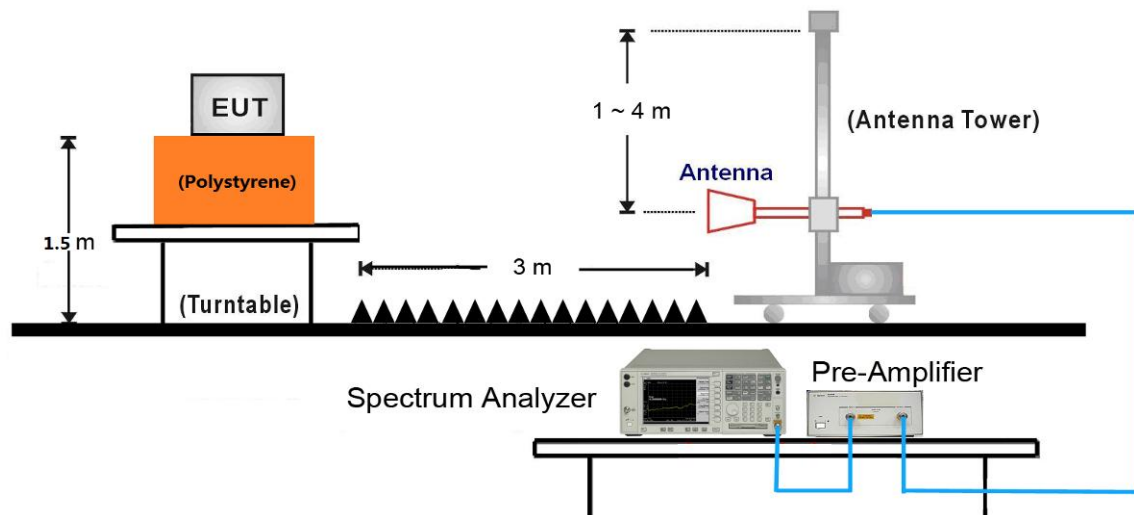
Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.10.4. Test Setup

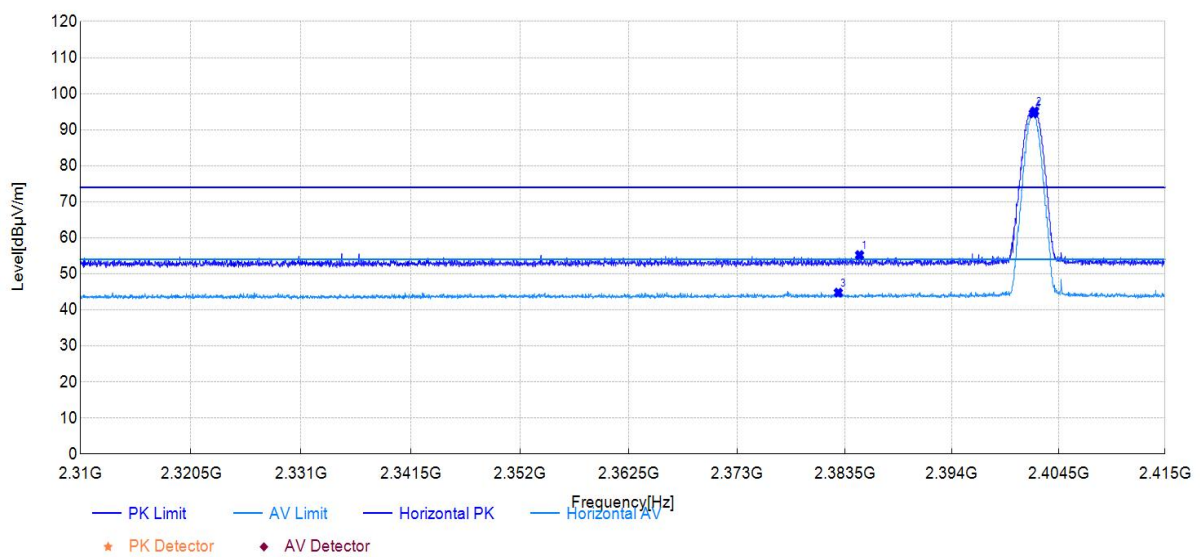


7.10.5. Test Result

DH5

Test Mode:	DH5	Test Date:	2025-09-05
Test Channel:	2402	Test Engineer:	Chuang Li
Remark:	The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.		

Test Graph

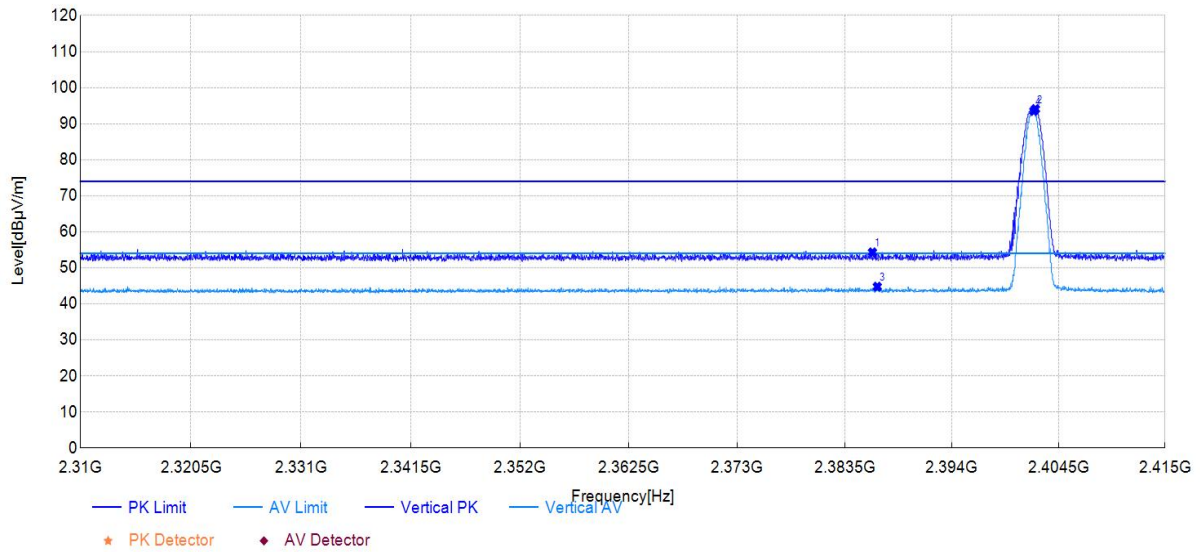


Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2384.96	19.71	55.20	35.49	74.00	18.80	150	72	PK	Horizontal	PASS
2	2402.13	59.63	95.12	35.49	74.00	-21.12	150	328	PK	Horizontal	N/A
3	2382.89	9.28	44.78	35.50	54.00	9.22	150	32	AV	Horizontal	PASS
4	2402.00	59.02	94.50	35.48	54.00	-40.50	150	328	AV	Horizontal	N/A

Test Mode:	DH5	Test Date:	2025-09-05
Test Channel:	2402	Test Engineer:	Chuang Li
Remark:	The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.		

Test Graph

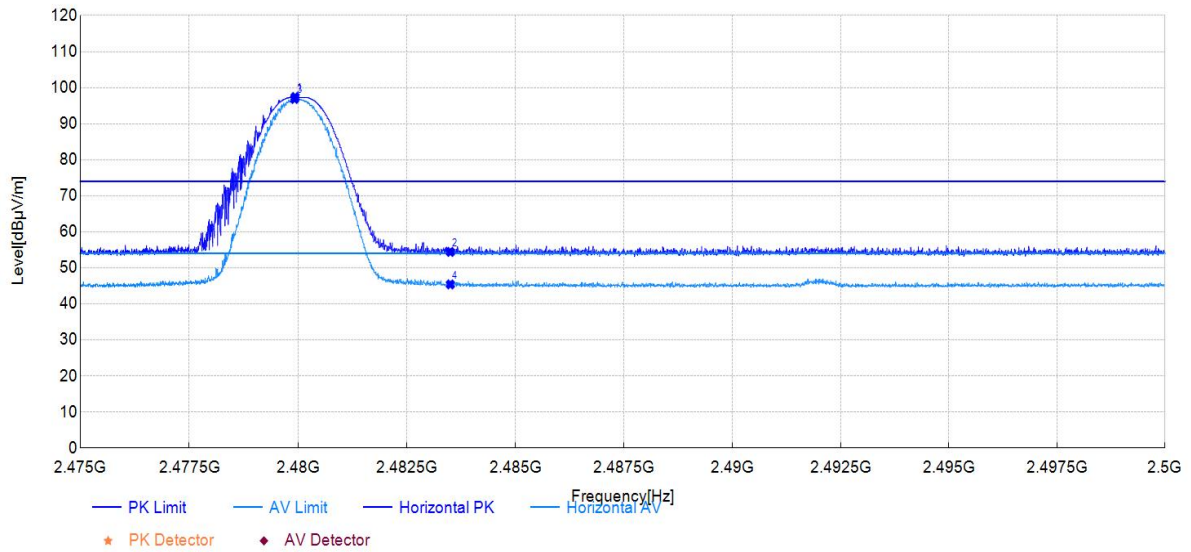


Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2386.22	18.94	54.29	35.35	74.00	19.71	150	343	PK	Vertical	PASS
2	2402.21	58.75	94.07	35.32	74.00	-20.07	150	346	PK	Vertical	N/A
3	2386.70	9.43	44.78	35.35	54.00	9.22	150	315	AV	Vertical	PASS
4	2402.06	58.20	93.52	35.32	54.00	-39.52	150	346	AV	Vertical	N/A

Test Mode:	DH5	Test Date:	2025-09-05
Test Channel:	2480	Test Engineer:	Chuang Li
Remark:	The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.		

Test Graph

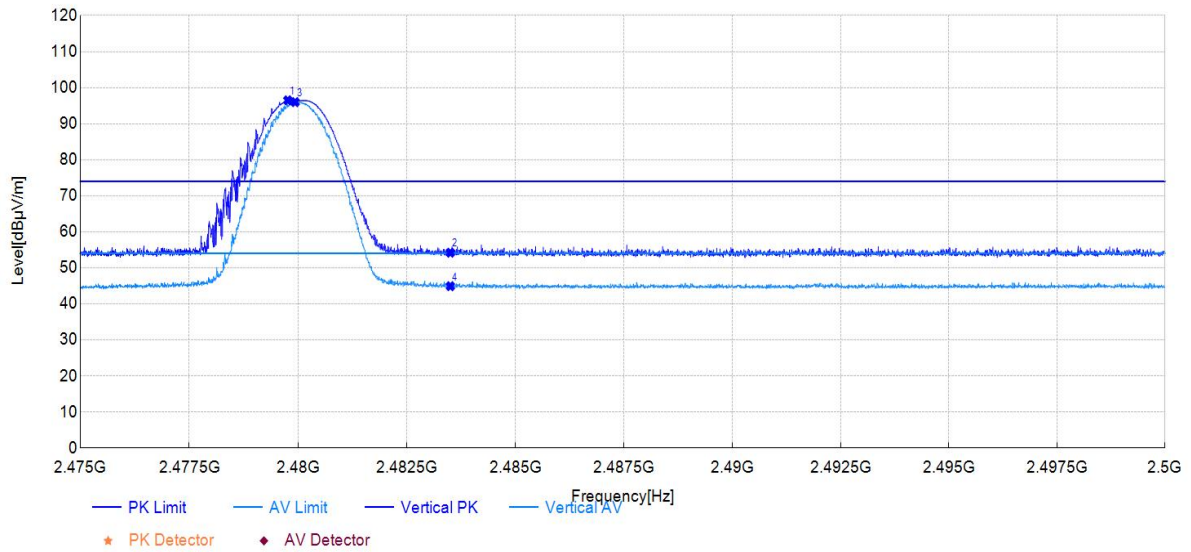


Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2479.93	61.15	97.41	36.26	74.00	-23.41	150	119	PK	Horizontal	N/A
2	2483.50	18.12	54.41	36.29	74.00	19.59	150	328	PK	Horizontal	PASS
3	2479.92	60.61	96.87	36.26	54.00	-42.87	150	116	AV	Horizontal	N/A
4	2483.50	9.11	45.40	36.29	54.00	8.60	150	266	AV	Horizontal	PASS

Test Mode:	DH5	Test Date:	2025-09-05
Test Channel:	2480	Test Engineer:	Chuang Li
Remark:	The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.		

Test Graph



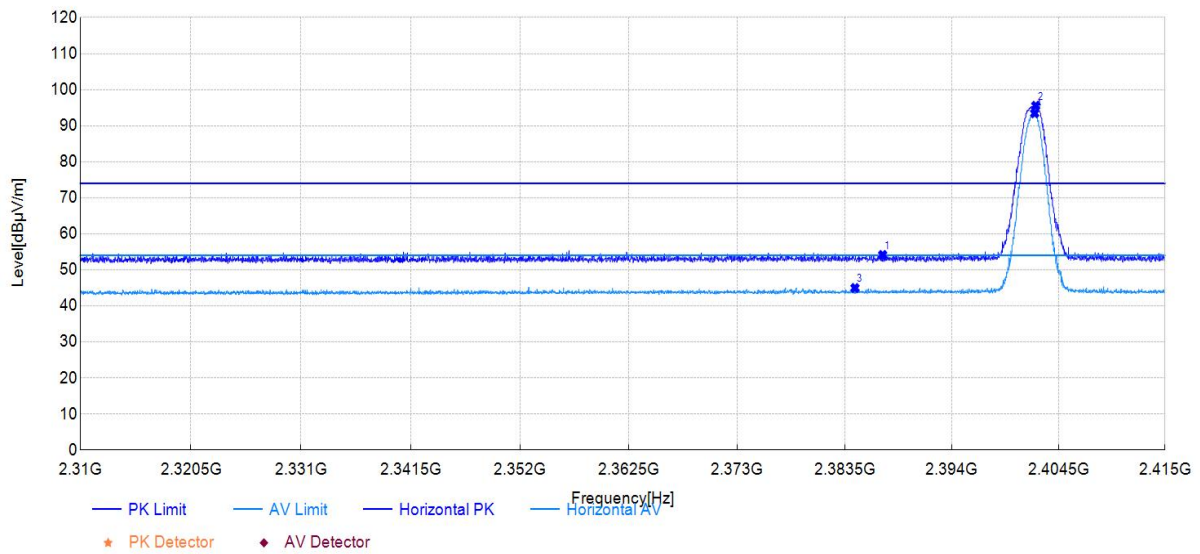
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2479.76	60.50	96.49	35.99	74.00	-22.49	150	182	PK	Vertical	N/A
2	2483.50	18.20	54.21	36.01	74.00	19.79	150	189	PK	Vertical	PASS
3	2479.93	60.00	95.99	35.99	54.00	-41.99	150	182	AV	Vertical	N/A
4	2483.50	8.90	44.91	36.01	54.00	9.09	150	139	AV	Vertical	PASS

2DH5

Test Mode:	2DH5	Test Date:	2025-09-05
Test Channel:	2402	Test Engineer:	Chuang Li
Remark:	The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.		

Test Graph

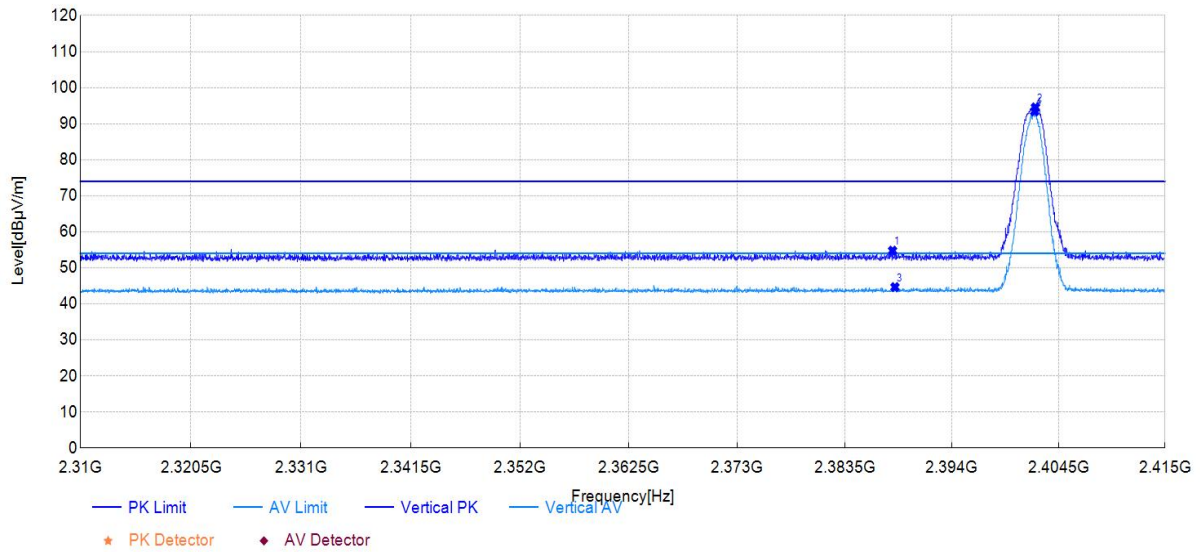


Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2387.22	18.65	54.14	35.49	74.00	19.86	150	77	PK	Horizontal	PASS
2	2402.24	60.04	95.53	35.49	74.00	-21.53	150	327	PK	Horizontal	N/A
3	2384.52	9.48	44.97	35.49	54.00	9.03	150	186	AV	Horizontal	PASS
4	2402.13	57.95	93.44	35.49	54.00	-39.44	150	327	AV	Horizontal	N/A

Test Mode:	2DH5	Test Date:	2025-09-05
Test Channel:	2402	Test Engineer:	Chuang Li
Remark:	The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.		

Test Graph

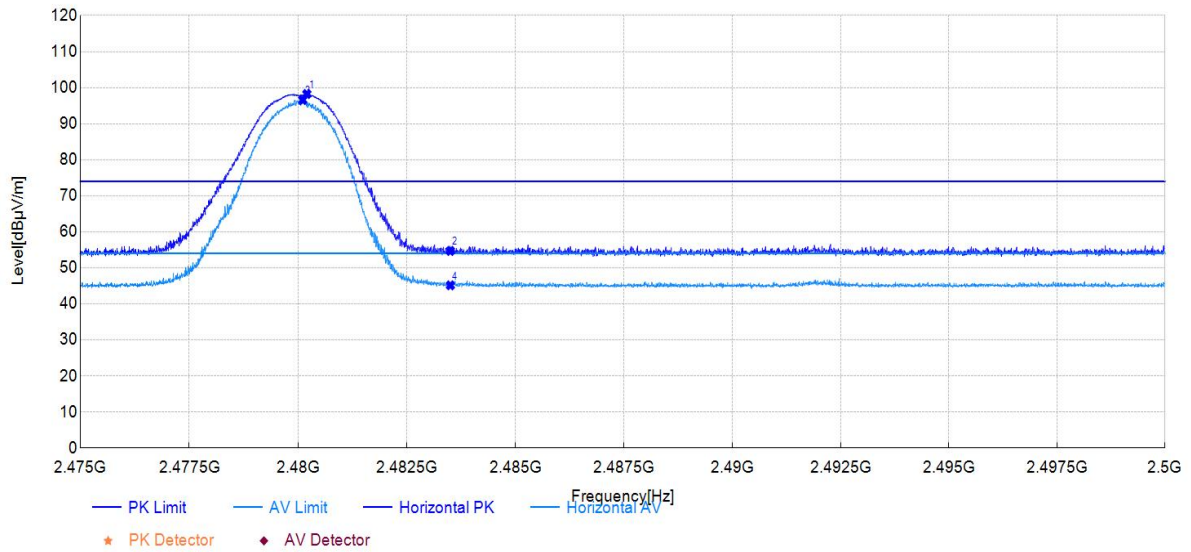


Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2388.19	19.41	54.76	35.35	74.00	19.24	150	314	PK	Vertical	PASS
2	2402.21	59.20	94.52	35.32	74.00	-20.52	150	346	PK	Vertical	N/A
3	2388.43	9.32	44.66	35.34	54.00	9.34	150	255	AV	Vertical	PASS
4	2402.13	58.10	93.42	35.32	54.00	-39.42	150	346	AV	Vertical	N/A

Test Mode:	2DH5	Test Date:	2025-09-05
Test Channel:	2480	Test Engineer:	Chuang Li
Remark:	The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.		

Test Graph

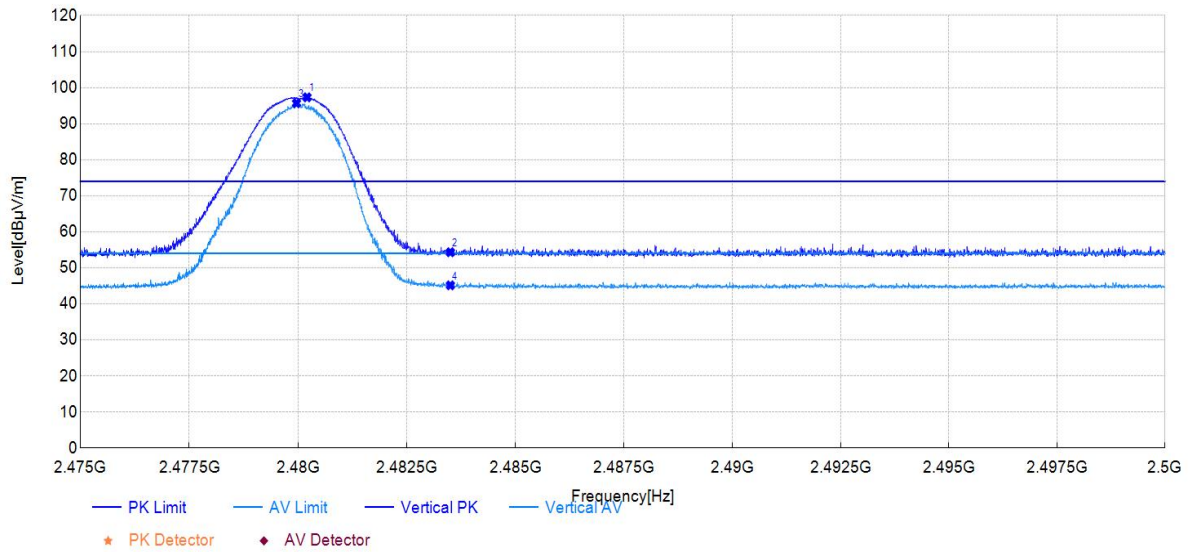


Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2480.20	61.98	98.24	36.26	74.00	-24.24	150	118	PK	Horizontal	N/A
2	2483.50	18.41	54.70	36.29	74.00	19.30	150	358	PK	Horizontal	PASS
3	2480.11	60.33	96.59	36.26	54.00	-42.59	150	118	AV	Horizontal	N/A
4	2483.50	8.86	45.15	36.29	54.00	8.85	150	114	AV	Horizontal	PASS

Test Mode:	2DH5	Test Date:	2025-09-05
Test Channel:	2480	Test Engineer:	Chuang Li
Remark:	The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.		

Test Graph



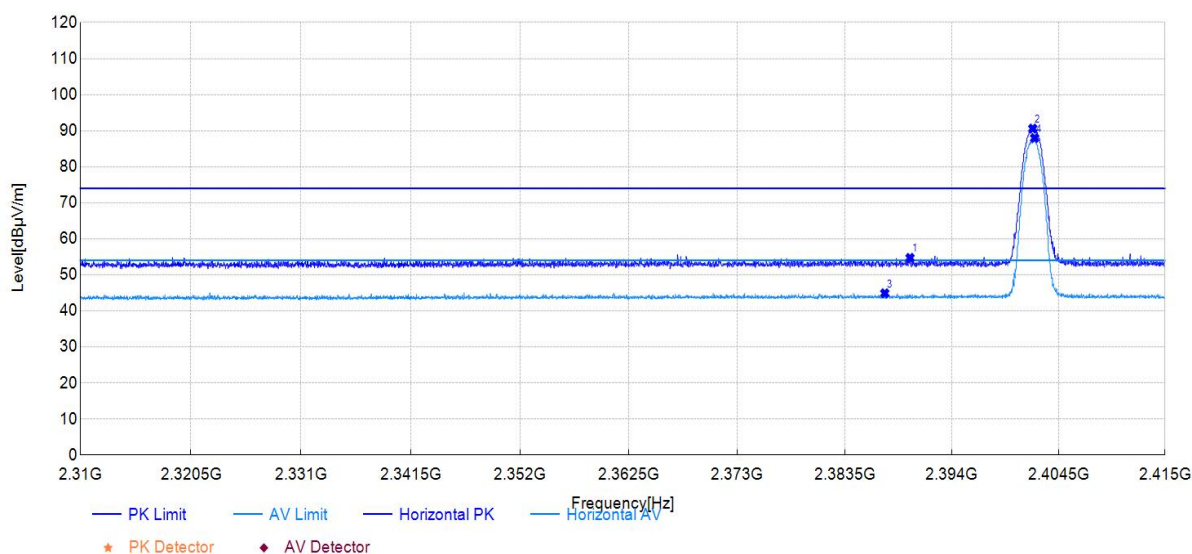
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2480.21	61.33	97.32	35.99	74.00	-23.32	150	179	PK	Vertical	N/A
2	2483.50	18.33	54.34	36.01	74.00	19.66	150	96	PK	Vertical	PASS
3	2479.96	59.69	95.68	35.99	54.00	-41.68	150	182	AV	Vertical	N/A
4	2483.50	9.14	45.15	36.01	54.00	8.85	150	139	AV	Vertical	PASS

3DH5

Test Mode:	3DH5	Test Date:	2025-09-05
Test Channel:	2402	Test Engineer:	Chuang Li
Remark:	The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.		

Test Graph

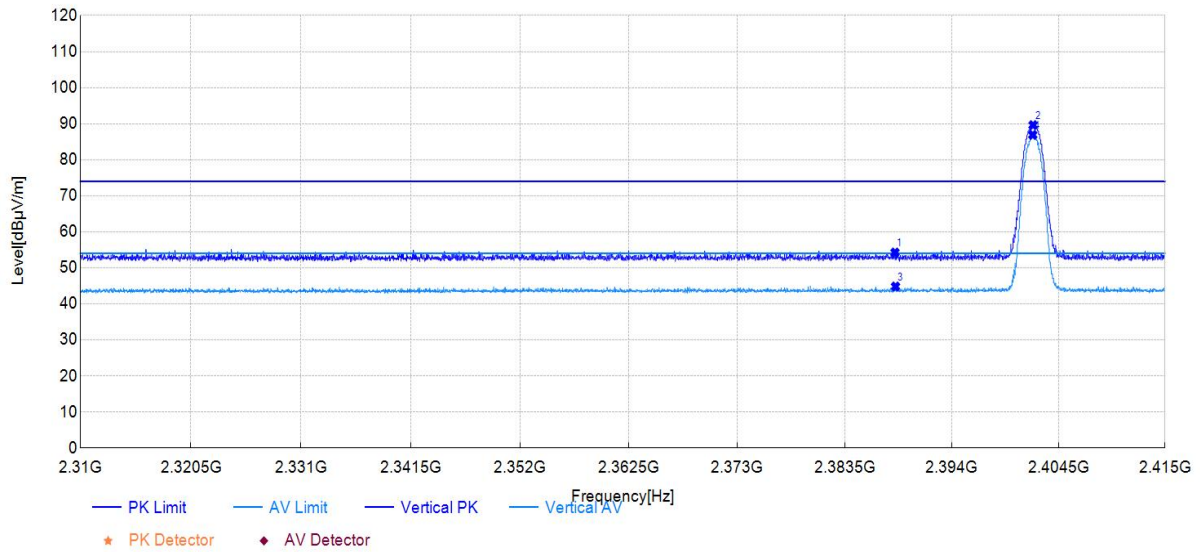


Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2389.90	19.22	54.71	35.49	74.00	19.29	150	95	PK	Horizontal	PASS
2	2401.95	55.12	90.59	35.47	74.00	-16.59	150	326	PK	Horizontal	N/A
3	2387.43	9.39	44.88	35.49	54.00	9.12	150	114	AV	Horizontal	PASS
4	2402.13	52.46	87.95	35.49	54.00	-33.95	150	322	AV	Horizontal	N/A

Test Mode:	3DH5	Test Date:	2025-09-05
Test Channel:	2402	Test Engineer:	Chuang Li
Remark:	The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.		

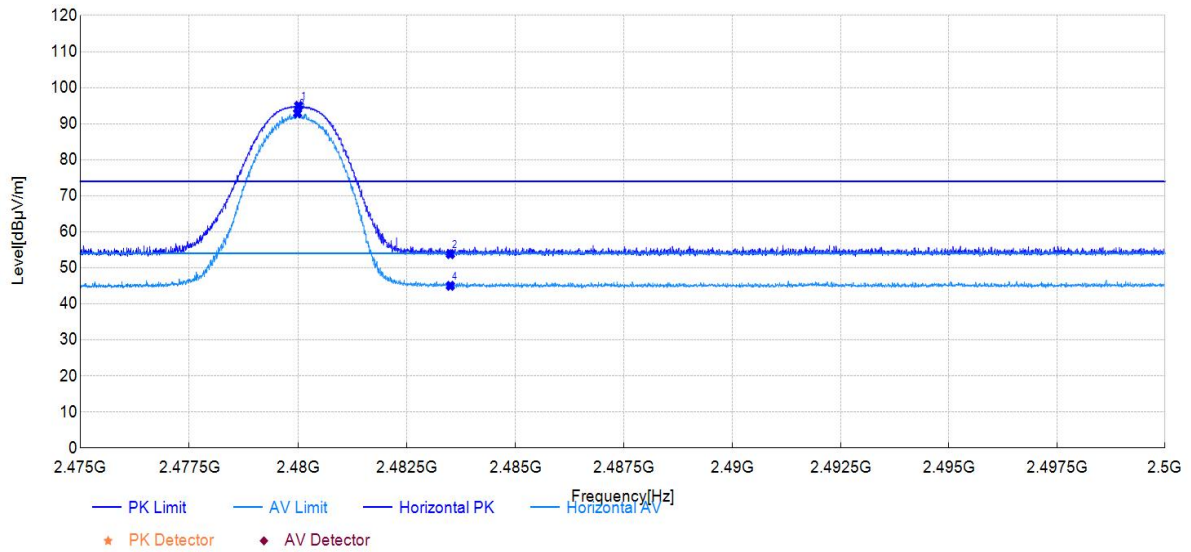
Test Graph



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2388.43	18.92	54.26	35.34	74.00	19.74	150	30	PK	Vertical	PASS
2	2401.98	54.29	89.61	35.32	74.00	-15.61	150	346	PK	Vertical	N/A
3	2388.48	9.48	44.82	35.34	54.00	9.18	150	0	AV	Vertical	PASS
4	2401.95	51.58	86.89	35.31	54.00	-32.89	150	193	AV	Vertical	N/A

Test Mode:	3DH5	Test Date:	2025-09-05
Test Channel:	2480	Test Engineer:	Chuang Li
Remark:	The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.		

Test Graph

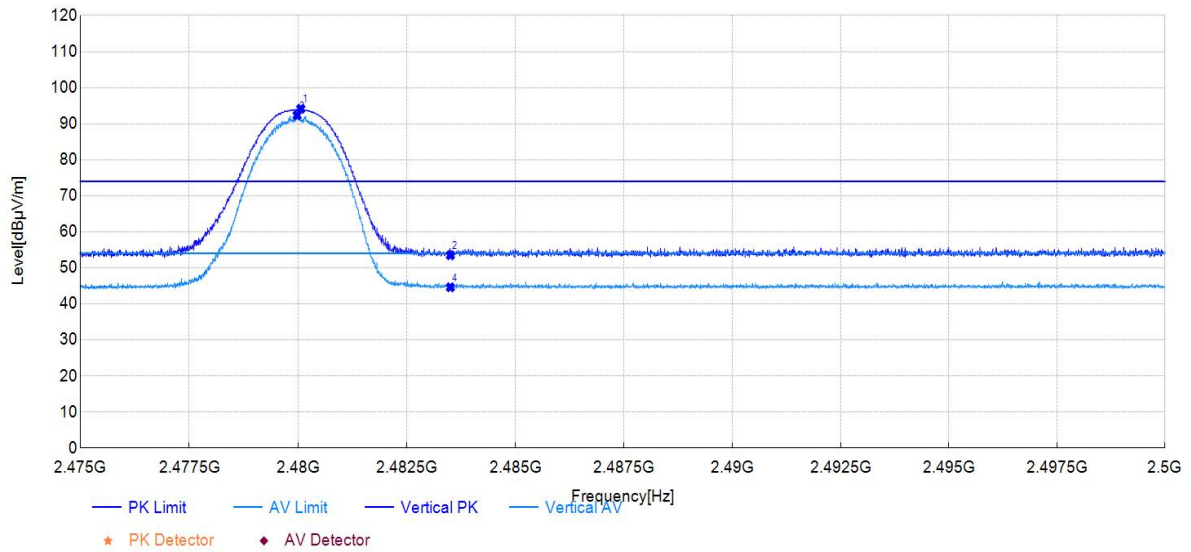


Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2480.01	58.71	94.97	36.26	74.00	-20.97	150	118	PK	Horizontal	N/A
2	2483.50	17.51	53.80	36.29	74.00	20.20	150	282	PK	Horizontal	PASS
3	2479.99	56.65	92.91	36.26	54.00	-38.91	150	118	AV	Horizontal	N/A
4	2483.50	8.73	45.02	36.29	54.00	8.98	150	78	AV	Horizontal	PASS

Test Mode:	3DH5	Test Date:	2025-09-05
Test Channel:	2480	Test Engineer:	Chuang Li
Remark:	The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.		

Test Graph



Suspected Data List

NO.	Frequency [MHz]	Reading [dBuV]	Level [dBuV/m]	Factor [dB/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2480.06	58.16	94.15	35.99	74.00	-20.15	150	180	PK	Vertical	N/A
2	2483.50	17.49	53.50	36.01	74.00	20.50	150	143	PK	Vertical	PASS
3	2479.98	56.31	92.30	35.99	54.00	-38.30	150	180	AV	Vertical	N/A
4	2483.50	8.60	44.61	36.01	54.00	9.39	150	162	AV	Vertical	PASS

7.11. AC Conducted Emissions Measurement

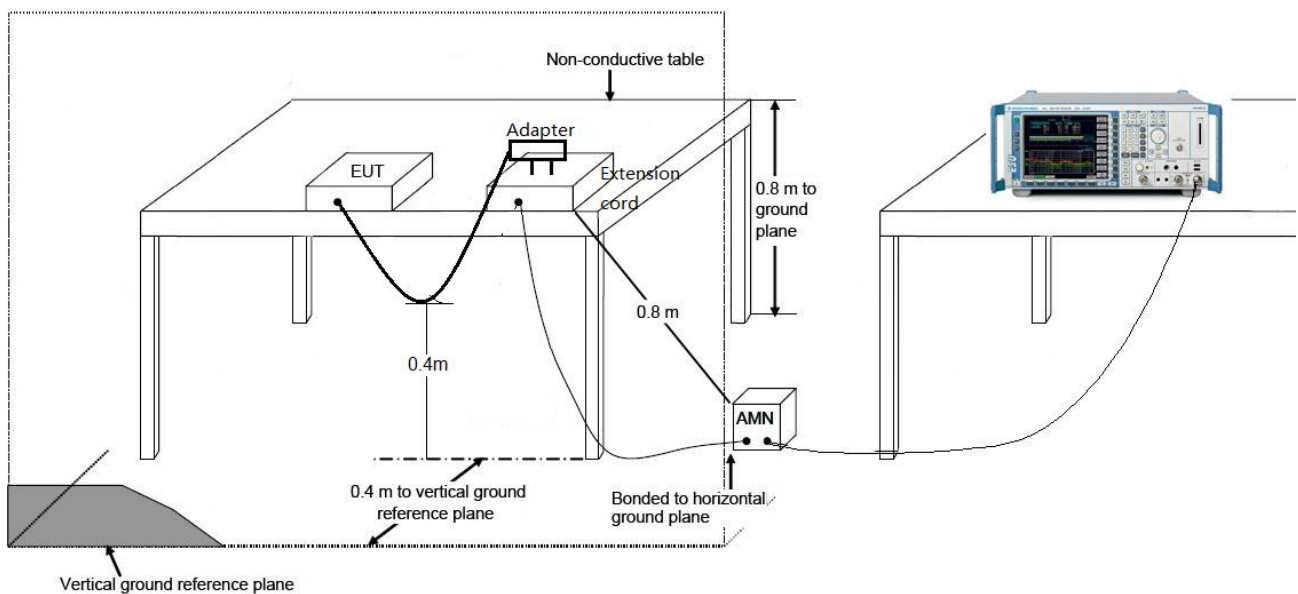
7.11.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	Average (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.11.2. Test Setup



7.11.3. Test Result

Not Applicable . The device is only powered by DC.

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **RDS AV RECEIVER** is in compliance with Part 15C of the FCC Rules.

Statement

1. This report is invalid for the following states: without the special inspection and testing stamp or the official stamp of our institution; without the signature of the report authorized officer; if the report is altered.
2. It is forbidden to copy partial contents of the report except in full without the approval of our institution.
3. The client shall provide the test sample(s) and commission information and be responsible for their authenticity.
4. The report content is only applicable to the tested sample(s) this time.
5. If there are any objections to the report content, please submit them to our company in writing within 15 days from the date of receiving the report.
6. If the reports include both Chinese and English versions, when there are any inconsistencies caused by language, the Chinese version shall prevail.
7. This report is issued by the following laboratory premises:
No.8 Ningyun Rd., Xinwu District Wuxi, Jiangsu 214000 China

——This page is blank below this line ——