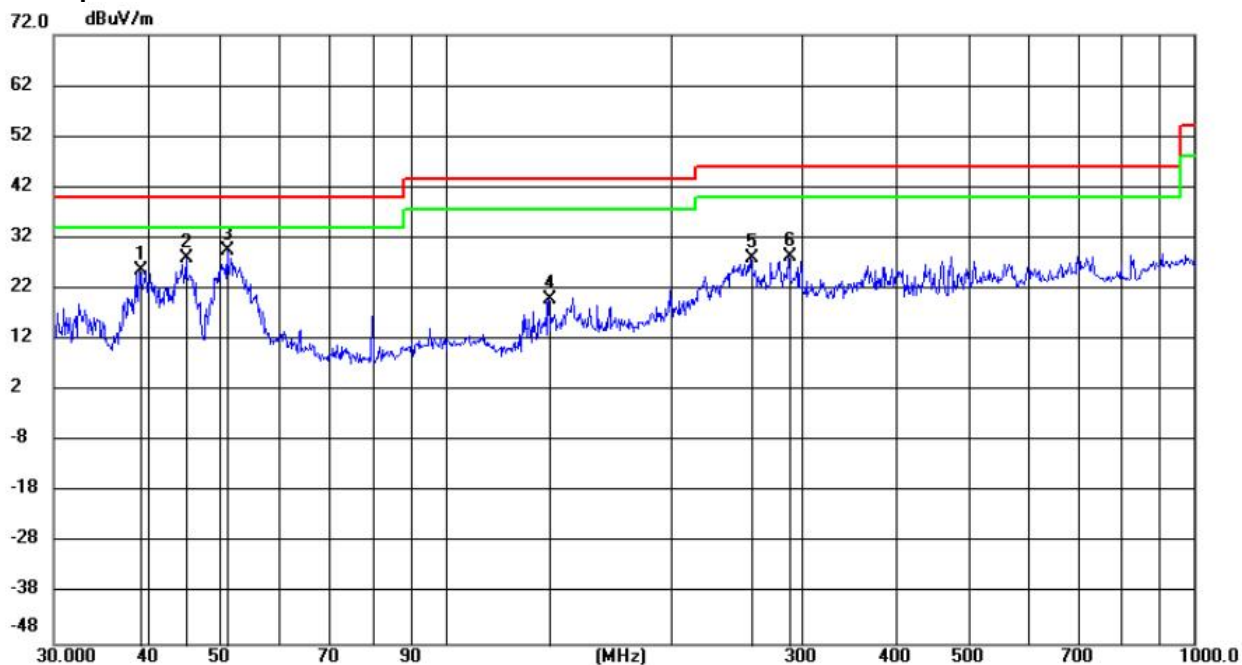


Radiated Spurious Emission below 1GHz:

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes, only the worst case lowest channel of DH5 for GFSK was recorded in the report.

Horizontal:

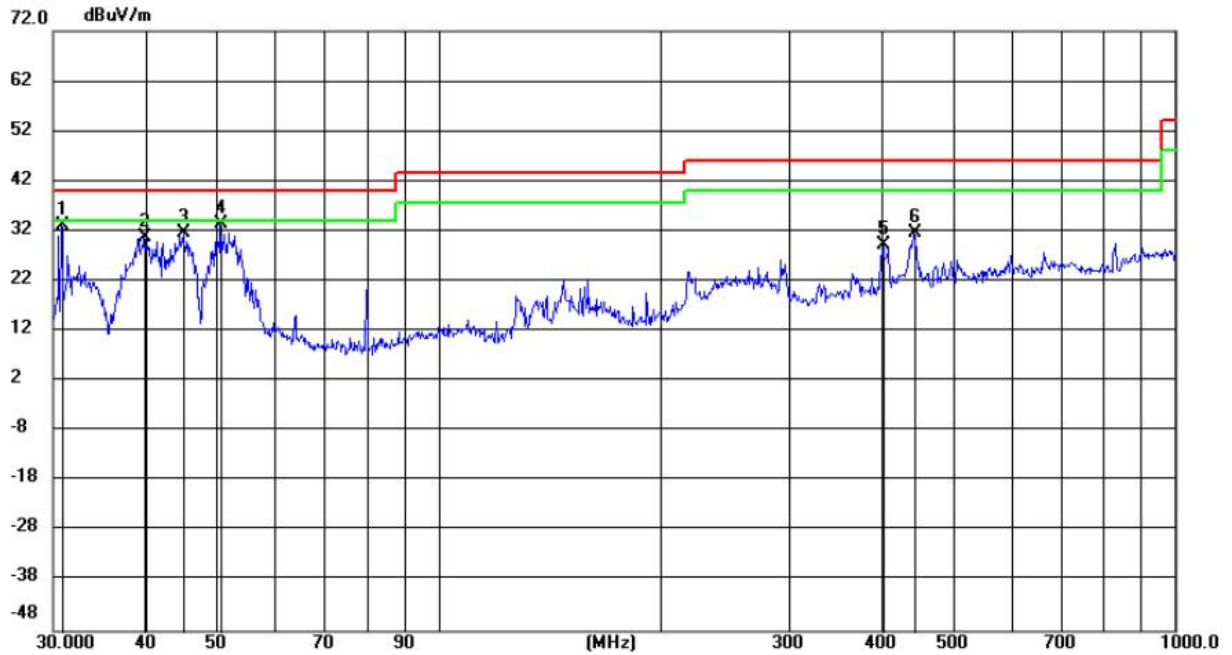
Test Graph



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	39.1135	12.71	12.89	25.60	40.00	-14.40	QP	199	184	
2	45.0820	14.38	13.77	28.15	40.00	-11.85	QP	199	184	
3 *	51.2555	15.01	14.41	29.42	40.00	-10.58	QP	199	215	
4	137.4924	9.25	10.57	19.82	43.50	-23.68	QP	100	301	
5	255.9819	13.05	14.91	27.96	46.00	-18.04	QP	100	331	
6	288.0409	12.26	16.13	28.39	46.00	-17.61	QP	100	53	

Vertical:

Test Graph



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		30.8373	20.87	12.40	33.27	40.00	-6.73	QP	100	7
2		39.9451	17.87	12.94	30.81	40.00	-9.19	QP	100	310
3		45.0979	17.97	13.77	31.74	40.00	-8.26	QP	100	227
4	*	50.6570	19.05	14.49	33.54	40.00	-6.46	QP	100	279
5		402.0499	9.50	19.61	29.11	46.00	-16.89	QP	100	206
6		442.8282	11.57	20.11	31.68	46.00	-14.32	QP	100	185

Radiated Spurious Emission above 1GHz:

Mode:			GFSK Transmitting			Channel:		2402 MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1145.8764	11.47	38.88	50.35	74.00	23.65	Pass	H	PK
2	1566.1711	13.49	36.63	50.12	74.00	23.88	Pass	H	PK
3	3671.4948	-12.82	53.03	40.21	74.00	33.79	Pass	H	PK
4	4803.8703	-8.60	54.48	45.88	74.00	28.12	Pass	H	PK
5	8263.4009	-0.97	46.51	45.54	74.00	28.46	Pass	H	PK
6	11725.5317	2.54	44.58	47.12	74.00	26.88	Pass	H	PK
7	1194.413	11.60	38.23	49.83	74.00	24.17	Pass	V	PK
8	1680.0453	14.02	36.79	50.81	74.00	23.19	Pass	V	PK
9	3189.8127	-14.49	55.05	40.56	74.00	33.44	Pass	V	PK
10	4804.5203	-8.60	54.94	46.34	74.00	27.66	Pass	V	PK
11	7759.6173	-1.56	47.12	45.56	74.00	28.44	Pass	V	PK
12	11783.3856	2.38	44.82	47.20	74.00	26.80	Pass	V	PK

Mode:			GFSK Transmitting			Channel:		2441 MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1252.8169	11.71	37.93	49.64	74.00	24.36	Pass	H	PK
2	1747.5165	14.08	36.61	50.69	74.00	23.31	Pass	H	PK
3	3843.7562	-12.12	52.66	40.54	74.00	33.46	Pass	H	PK
4	4881.8755	-8.36	54.52	46.16	74.00	27.84	Pass	H	PK
5	7323.4382	-2.86	49.30	46.44	74.00	27.56	Pass	H	PK
6	11772.9849	2.39	44.99	47.38	74.00	26.62	Pass	H	PK
7	1196.2798	11.62	36.77	48.39	74.00	25.61	Pass	V	PK
8	1670.3114	14.04	36.74	50.78	74.00	23.22	Pass	V	PK
9	3191.7628	-14.49	58.89	44.40	74.00	29.60	Pass	V	PK
10	4881.2254	-8.36	57.12	48.76	74.00	25.24	Pass	V	PK
11	7323.4382	-2.86	49.43	46.57	74.00	27.43	Pass	V	PK
12	11709.9307	2.62	44.91	47.53	74.00	26.47	Pass	V	PK

Mode:			GFSK Transmitting			Channel:		2480 MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1068.9379	11.11	39.15	50.26	74.00	23.74	Pass	H	PK
2	1682.5788	14.02	36.10	50.12	74.00	23.88	Pass	H	PK
3	3767.7012	-12.71	52.82	40.11	74.00	33.89	Pass	H	PK
4	4959.8807	-8.05	52.62	44.57	74.00	29.43	Pass	H	PK
5	7725.165	-1.55	46.43	44.88	74.00	29.12	Pass	H	PK
6	11720.9814	2.56	44.87	47.43	74.00	26.57	Pass	H	PK
7	1196.4131	11.62	37.04	48.66	74.00	25.34	Pass	V	PK
8	1754.4503	14.14	36.76	50.90	74.00	23.10	Pass	V	PK
9	3199.5633	-14.46	56.02	41.56	74.00	32.44	Pass	V	PK
10	4959.8807	-8.05	55.03	46.98	74.00	27.02	Pass	V	PK
11	7623.7583	-2.18	47.02	44.84	74.00	29.16	Pass	V	PK
12	11934.1956	2.99	44.44	47.43	74.00	26.57	Pass	V	PK

Mode:			π/4DQPSK Transmitting			Channel:		2402 MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1120.1413	11.30	38.41	49.71	74.00	24.29	Pass	H	PK
2	1410.8274	12.92	36.62	49.54	74.00	24.46	Pass	H	PK
3	3828.1552	-12.24	52.68	40.44	74.00	33.56	Pass	H	PK
4	4803.8703	-8.60	51.30	42.70	74.00	31.30	Pass	H	PK
5	8192.5462	-1.37	46.29	44.92	74.00	29.08	Pass	H	PK
6	12543.2862	4.24	43.86	48.10	74.00	25.90	Pass	H	PK
7	1148.9433	11.49	36.58	48.07	74.00	25.93	Pass	V	PK
8	1586.1724	13.63	36.45	50.08	74.00	23.92	Pass	V	PK
9	3194.363	-14.48	56.55	42.07	74.00	31.93	Pass	V	PK
10	4804.5203	-8.60	50.76	42.16	74.00	31.84	Pass	V	PK
11	7730.3654	-1.53	46.52	44.99	74.00	29.01	Pass	V	PK
12	11672.2281	2.52	44.96	47.48	74.00	26.52	Pass	V	PK

Mode:			$\pi/4$ DQPSK Transmitting			Channel:		2441 MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	1078.6719	11.24	37.52	48.76	74.00	25.24	Pass	H	PK
2	1478.8319	13.07	36.52	49.59	74.00	24.41	Pass	H	PK
3	3397.8265	-13.97	54.25	40.28	74.00	33.72	Pass	H	PK
4	4881.8755	-8.36	50.07	41.71	74.00	32.29	Pass	H	PK
5	7751.8168	-1.46	47.02	45.56	74.00	28.44	Pass	H	PK
6	11708.6306	2.62	44.90	47.52	74.00	26.48	Pass	H	PK
7	1122.6748	11.34	37.79	49.13	74.00	24.87	Pass	V	PK
8	1632.7088	13.89	36.76	50.65	74.00	23.35	Pass	V	PK
9	3196.3131	-14.47	61.25	46.78	74.00	27.22	Pass	V	PK
10	4881.8755	-8.36	52.98	44.62	74.00	29.38	Pass	V	PK
11	9116.9078	0.13	45.88	46.01	74.00	27.99	Pass	V	PK
12	12356.0737	4.14	44.69	48.83	74.00	25.17	Pass	V	PK

Mode:			$\pi/4$ DQPSK Transmitting			Channel:		2480 MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	1105.207	11.29	36.91	48.20	74.00	25.80	Pass	H	PK
2	1644.1763	14.04	36.87	50.91	74.00	23.09	Pass	H	PK
3	3830.1053	-12.22	52.93	40.71	74.00	33.29	Pass	H	PK
4	5171.7948	-7.54	49.28	41.74	74.00	32.26	Pass	H	PK
5	7118.0245	-3.20	46.65	43.45	74.00	30.55	Pass	H	PK
6	10271.3848	1.94	44.50	46.44	74.00	27.56	Pass	H	PK
7	1122.5415	11.34	36.94	48.28	74.00	25.72	Pass	V	PK
8	1592.7062	13.69	36.80	50.49	74.00	23.51	Pass	V	PK
9	3837.2558	-12.17	53.81	41.64	74.00	32.36	Pass	V	PK
10	5842.6395	-5.48	48.62	43.14	74.00	30.86	Pass	V	PK
11	8537.0691	-0.50	45.28	44.78	74.00	29.22	Pass	V	PK
12	11910.144	2.82	43.81	46.63	74.00	27.37	Pass	V	PK

Mode:			8DPSK Transmitting			Channel:		2402 MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1108.4072	11.29	37.99	49.28	74.00	24.72	Pass	H	PK
2	1615.641	13.71	36.05	49.76	74.00	24.24	Pass	H	PK
3	3256.7671	-14.10	55.06	40.96	74.00	33.04	Pass	H	PK
4	4994.983	-8.14	50.33	42.19	74.00	31.81	Pass	H	PK
5	9116.9078	0.13	46.15	46.28	74.00	27.72	Pass	H	PK
6	11752.8335	2.41	44.88	47.29	74.00	26.71	Pass	H	PK
7	1042.5362	11.23	38.93	50.16	74.00	23.84	Pass	V	PK
8	1698.8466	14.08	37.74	51.82	74.00	22.18	Pass	V	PK
9	3187.2125	-14.50	58.54	44.04	74.00	29.96	Pass	V	PK
10	4778.5186	-8.62	52.68	44.06	74.00	29.94	Pass	V	PK
11	7141.4261	-3.17	47.30	44.13	74.00	29.87	Pass	V	PK
12	11765.8344	2.40	45.11	47.51	74.00	26.49	Pass	V	PK

Mode:			8DPSK Transmitting			Channel:		2441 MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1073.3382	11.16	37.13	48.29	74.00	25.71	Pass	H	PK
2	1693.9129	14.04	37.36	51.40	74.00	22.60	Pass	H	PK
3	3871.7081	-12.03	52.68	40.65	74.00	33.35	Pass	H	PK
4	4881.8755	-8.36	51.07	42.71	74.00	31.29	Pass	H	PK
5	8050.8367	-0.99	46.19	45.20	74.00	28.80	Pass	H	PK
6	11843.8396	2.52	44.90	47.42	74.00	26.58	Pass	H	PK
7	1097.4732	11.30	36.75	48.05	74.00	25.95	Pass	V	PK
8	1516.1677	13.29	36.80	50.09	74.00	23.91	Pass	V	PK
9	3987.4158	-11.74	54.44	42.70	74.00	31.30	Pass	V	PK
10	4881.8755	-8.36	52.79	44.43	74.00	29.57	Pass	V	PK
11	7593.2062	-2.13	46.26	44.13	74.00	29.87	Pass	V	PK
12	11836.6891	2.49	45.12	47.61	74.00	26.39	Pass	V	PK

Mode:			8DPSK Transmitting			Channel:		2480 MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1101.3401	11.29	38.52	49.81	74.00	24.19	Pass	H	PK
2	1612.1741	13.72	36.99	50.71	74.00	23.29	Pass	H	PK
3	3820.3547	-12.30	52.18	39.88	74.00	34.12	Pass	H	PK
4	5664.5276	-6.23	49.11	42.88	74.00	31.12	Pass	H	PK
5	9198.8133	0.23	45.61	45.84	74.00	28.16	Pass	H	PK
6	12353.4736	4.16	44.01	48.17	74.00	25.83	Pass	H	PK
7	1186.4124	11.51	36.52	48.03	74.00	25.97	Pass	V	PK
8	1841.2561	14.33	35.97	50.30	74.00	23.70	Pass	V	PK
9	3938.0125	-11.94	54.67	42.73	74.00	31.27	Pass	V	PK
10	5567.0211	-6.29	48.86	42.57	74.00	31.43	Pass	V	PK
11	9165.661	0.12	46.29	46.41	74.00	27.59	Pass	V	PK
12	11702.1301	2.65	44.51	47.16	74.00	26.84	Pass	V	PK

Remark:

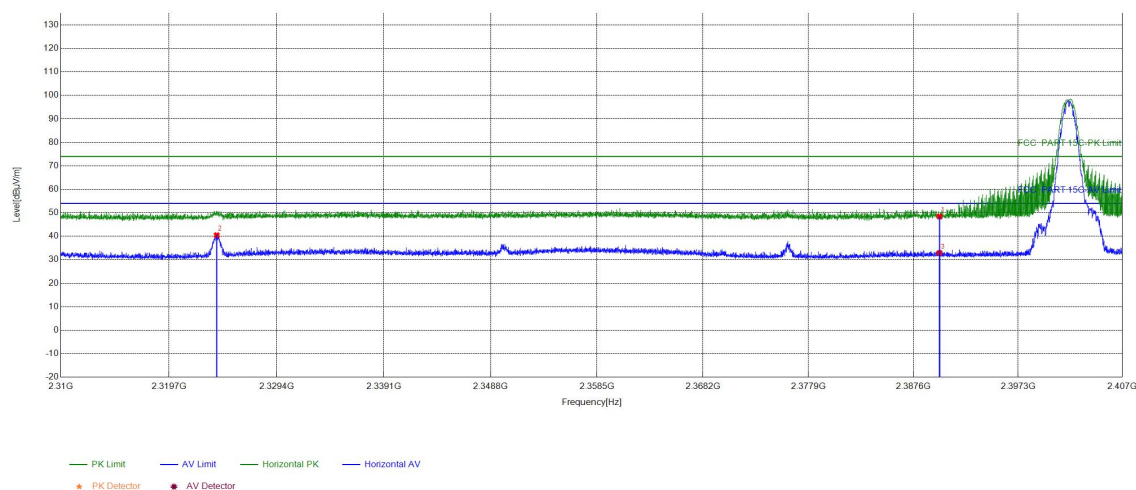
- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
- 2) Scan from 9kHz to 25GHz, the disturbance above 10GHz and below 30MHz was very low. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.

Restricted bands:

Test plot as follows:

EUT_Name		Test_Model	
Test_Mode	GFSK Transmitting	Test_Frequency	2402Mhz
Tset_Engineer	chenjun	Test_Date	2025/05/13
Remark			

Test Graph

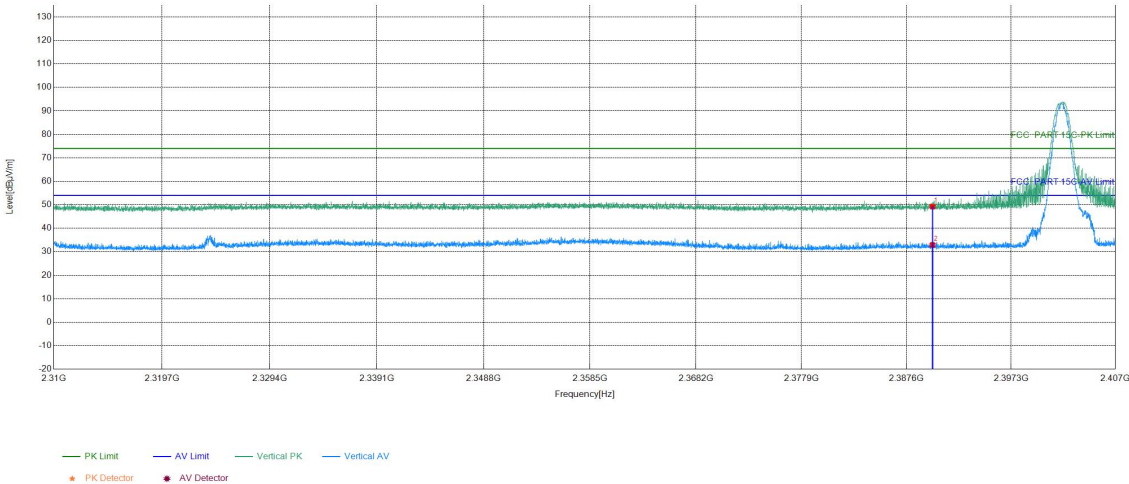


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	15.96	32.47	48.43	74.00	25.57	PASS	Horizontal	PK
2	2323.9985	15.50	24.94	40.44	54.00	13.56	PASS	Horizontal	AV
3	2390	15.96	16.94	32.90	54.00	21.10	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	GFSK Transmitting	Test_Frequency	2402Mhz
Tset_Engineer	chenjun	Test_Date	2025/05/13
Remark			

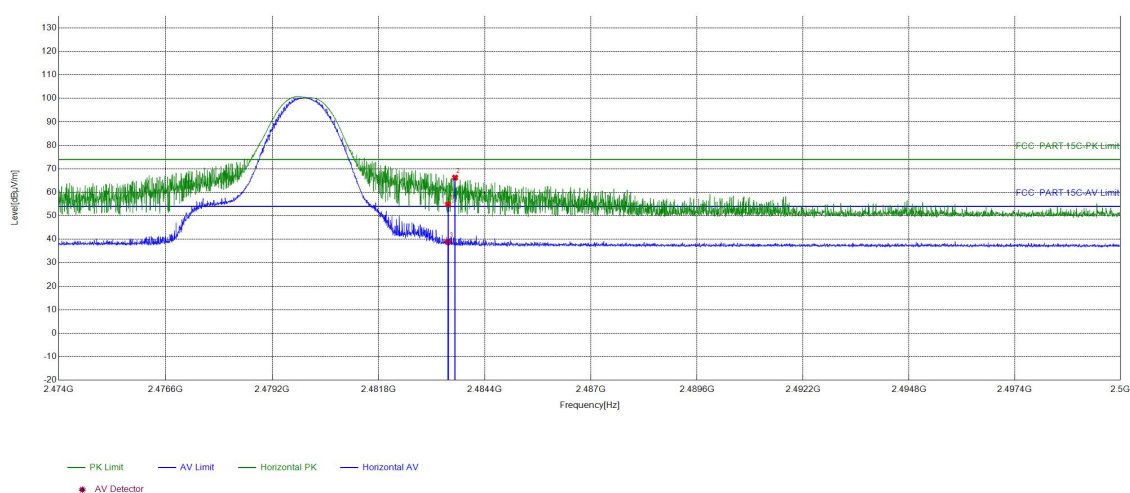
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	15.96	33.29	49.25	74.00	24.75	PASS	Vertical	PK
2	2390	15.96	16.94	32.90	54.00	21.10	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	GFSK Transmitting	Test_Frequency	2480Mhz
Tset_Engineer	chenjun	Test_Date	2025/05/13
Remark			

Test Graph

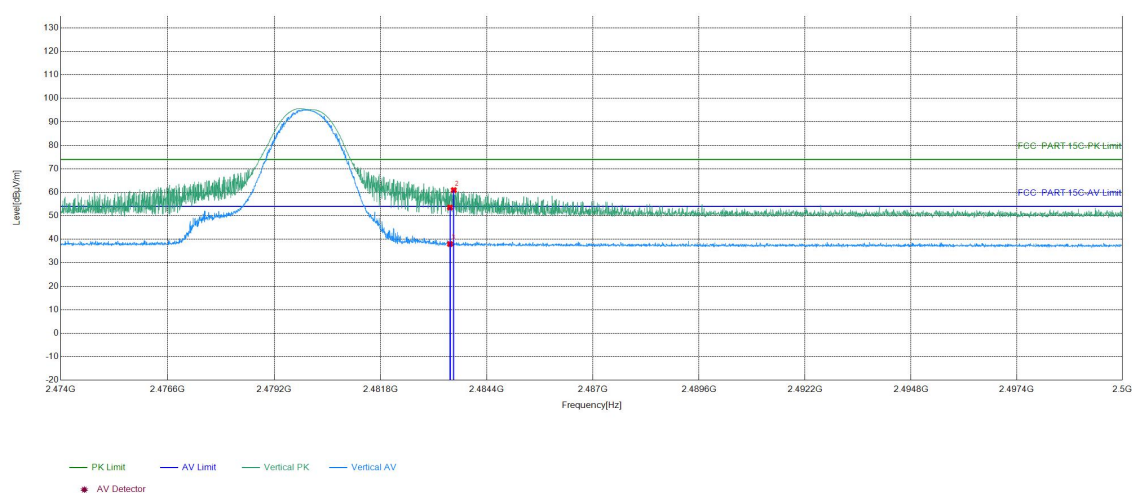


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	16.29	38.55	54.84	74.00	19.16	PASS	Horizontal	PK
2	2483.6742	16.29	49.99	66.28	74.00	7.72	PASS	Horizontal	PK
3	2483.5	16.29	22.58	38.87	54.00	15.13	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	GFSK Transmitting	Test_Frequency	2480Mhz
Tset_Engineer	chenjun	Test_Date	2025/05/13
Remark			

Test Graph

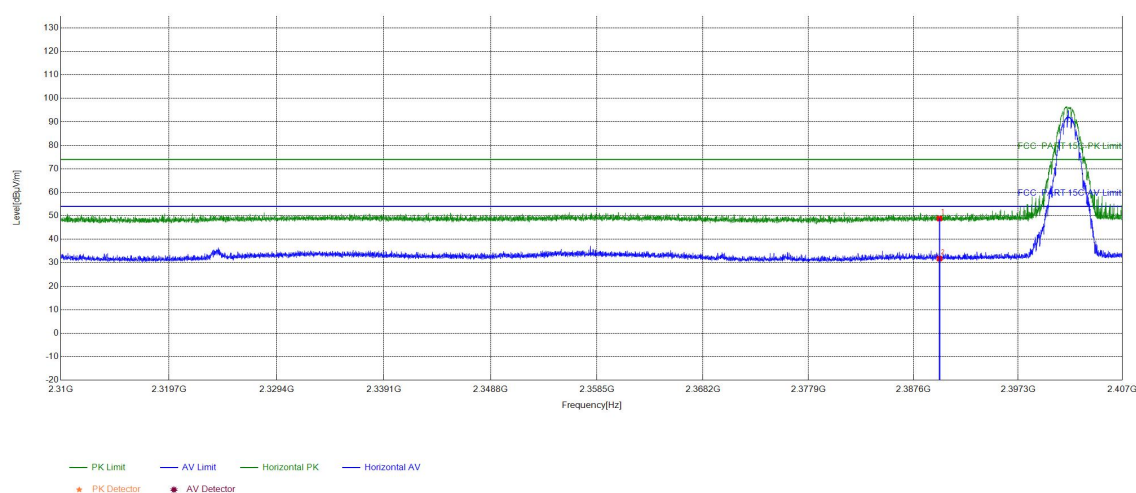


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	16.29	37.24	53.53	74.00	20.47	PASS	Vertical	PK
2	2483.5932	16.29	44.65	60.94	74.00	13.06	PASS	Vertical	PK
3	2483.5	16.29	21.68	37.97	54.00	16.03	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	$\pi/4$ DQPSK Transmitting	Test_Frequency	2402Mhz
Tset_Engineer	chenjun	Test_Date	2025/05/13
Remark			

Test Graph

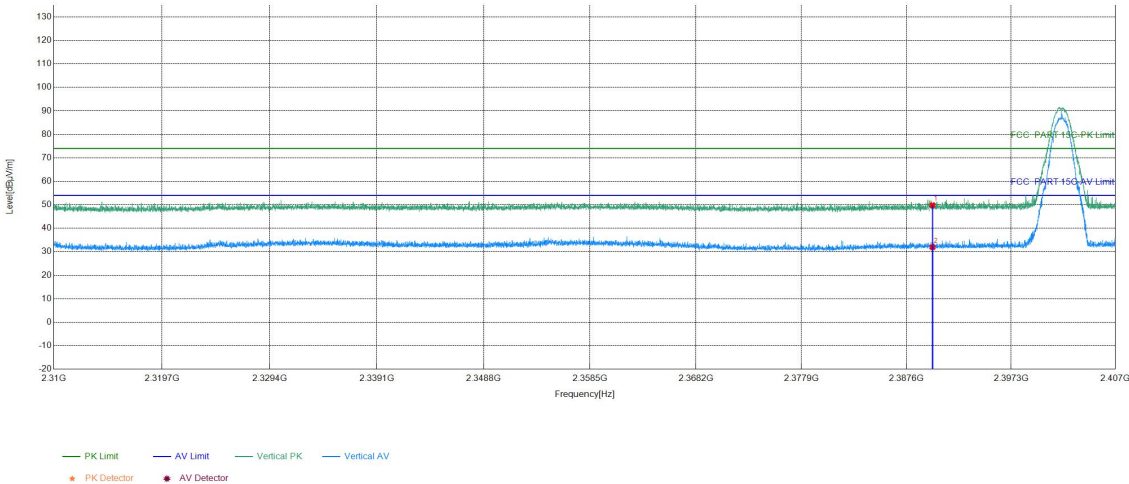


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	15.96	32.87	48.83	74.00	25.17	PASS	Horizontal	PK
2	2390	15.96	15.81	31.77	54.00	22.23	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	π /4DQPSK Transmitting	Test_Frequency	2402Mhz
Tset_Engineer	chenjun	Test_Date	2025/05/13
Remark			

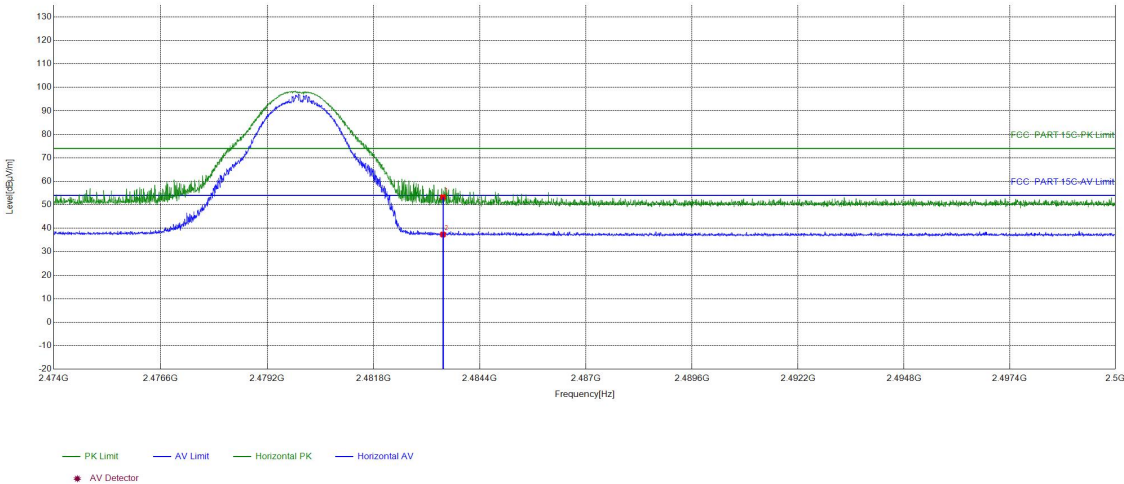
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	15.96	33.87	49.83	74.00	24.17	PASS	Vertical	PK
2	2390	15.96	15.98	31.94	54.00	22.06	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	π/4DQPSK Transmitting	Test_Frequency	2480Mhz
Tset_Engineer	chenjun	Test_Date	2025/05/13
Remark			

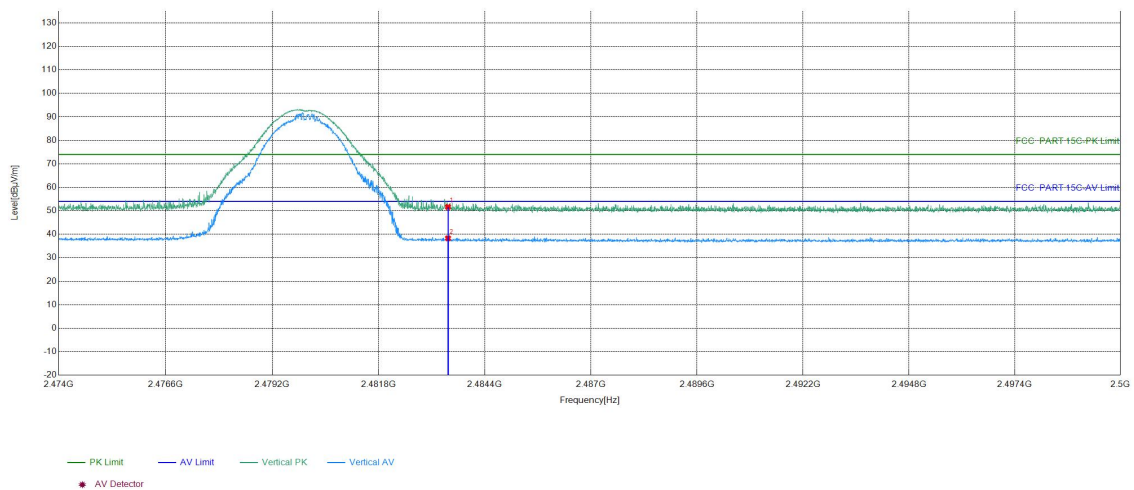
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	16.29	36.99	53.28	74.00	20.72	PASS	Horizontal	PK
2	2483.5	16.29	21.05	37.34	54.00	16.66	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	$\pi/4$ DQPSK Transmitting	Test_Frequency	2480Mhz
Tset_Engineer	chenjun	Test_Date	2025/05/13
Remark			

Test Graph

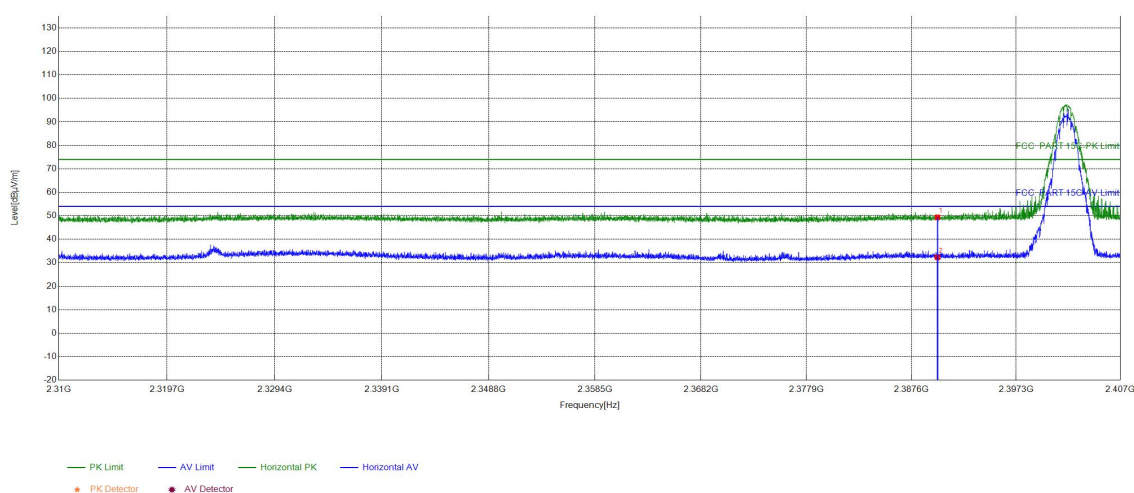


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	16.29	35.34	51.63	74.00	22.37	PASS	Vertical	PK
2	2483.5	16.29	21.99	38.28	54.00	15.72	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	8DPSK Transmitting	Test_Frequency	2402Mhz
Tset_Engineer	chenjun	Test_Date	2025/05/13
Remark			

Test Graph



Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	15.96	33.39	49.35	74.00	24.65	PASS	Horizontal	PK
2	2390	15.96	16.33	32.29	54.00	21.71	PASS	Horizontal	AV