

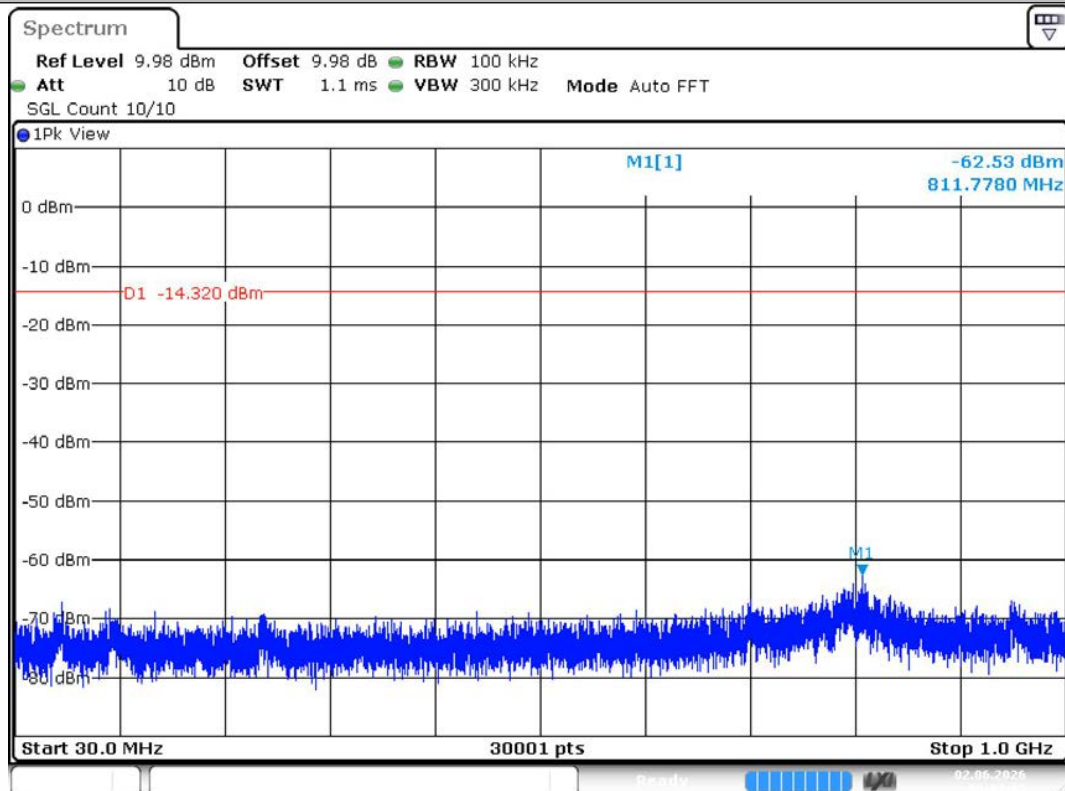
Conducted Spurious Emission

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	5.68	5.68	---	PASS
DH5	Ant1	2402	30~1000	5.68	-62.53	≤-14.32	PASS
DH5	Ant1	2402	1000~26500	5.68	-55.53	≤-14.32	PASS
DH5	Ant1	2441	0~Reference	4.80	4.80	---	PASS
DH5	Ant1	2441	30~1000	4.80	-62.91	≤-15.2	PASS
DH5	Ant1	2441	1000~26500	4.80	-54.45	≤-15.2	PASS
DH5	Ant1	2480	0~Reference	3.46	3.46	---	PASS
DH5	Ant1	2480	30~1000	3.46	-60.95	≤-16.54	PASS
DH5	Ant1	2480	1000~26500	3.46	-54.55	≤-16.54	PASS
2DH5	Ant1	2402	0~Reference	1.88	1.88	---	PASS
2DH5	Ant1	2402	30~1000	1.88	-65.6	≤-18.12	PASS
2DH5	Ant1	2402	1000~26500	1.88	-54.77	≤-18.12	PASS
2DH5	Ant1	2441	0~Reference	1.83	1.83	---	PASS
2DH5	Ant1	2441	30~1000	1.83	-66.42	≤-18.17	PASS
2DH5	Ant1	2441	1000~26500	1.83	-54.99	≤-18.17	PASS
2DH5	Ant1	2480	0~Reference	1.62	1.62	---	PASS
2DH5	Ant1	2480	30~1000	1.62	-65.31	≤-18.38	PASS
2DH5	Ant1	2480	1000~26500	1.62	-54.91	≤-18.38	PASS
3DH5	Ant1	2402	0~Reference	2.26	2.26	---	PASS
3DH5	Ant1	2402	30~1000	2.26	-66.15	≤-17.74	PASS
3DH5	Ant1	2402	1000~26500	2.26	-55.08	≤-17.74	PASS
3DH5	Ant1	2441	0~Reference	3.25	3.25	---	PASS
3DH5	Ant1	2441	30~1000	3.25	-65.85	≤-16.75	PASS
3DH5	Ant1	2441	1000~26500	3.25	-55.27	≤-16.75	PASS
3DH5	Ant1	2480	0~Reference	0.41	0.41	---	PASS
3DH5	Ant1	2480	30~1000	0.41	-65.23	≤-19.59	PASS
3DH5	Ant1	2480	1000~26500	0.41	-55.25	≤-19.59	PASS



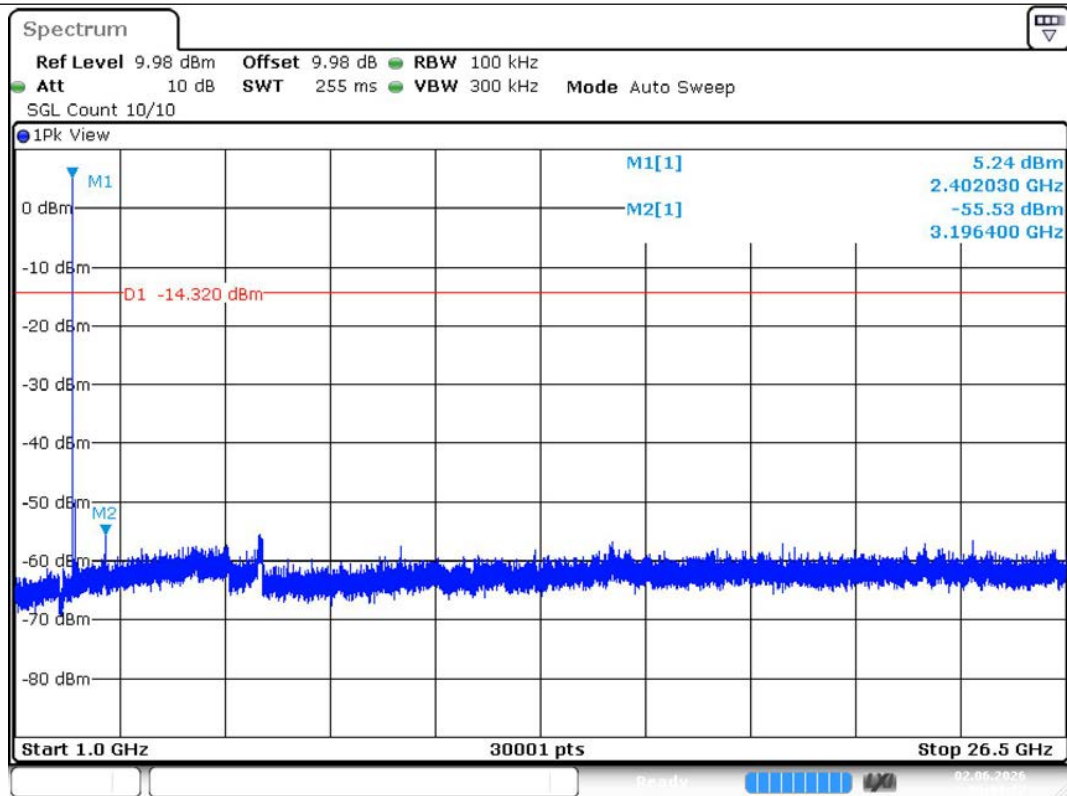
Date: 2.JUN.2026 09:02:57

DH5-Ant1-2402-0~Reference-PASS



Date: 2.JUN.2026 09:03:03

DH5-Ant1-2402-30~1000-PASS



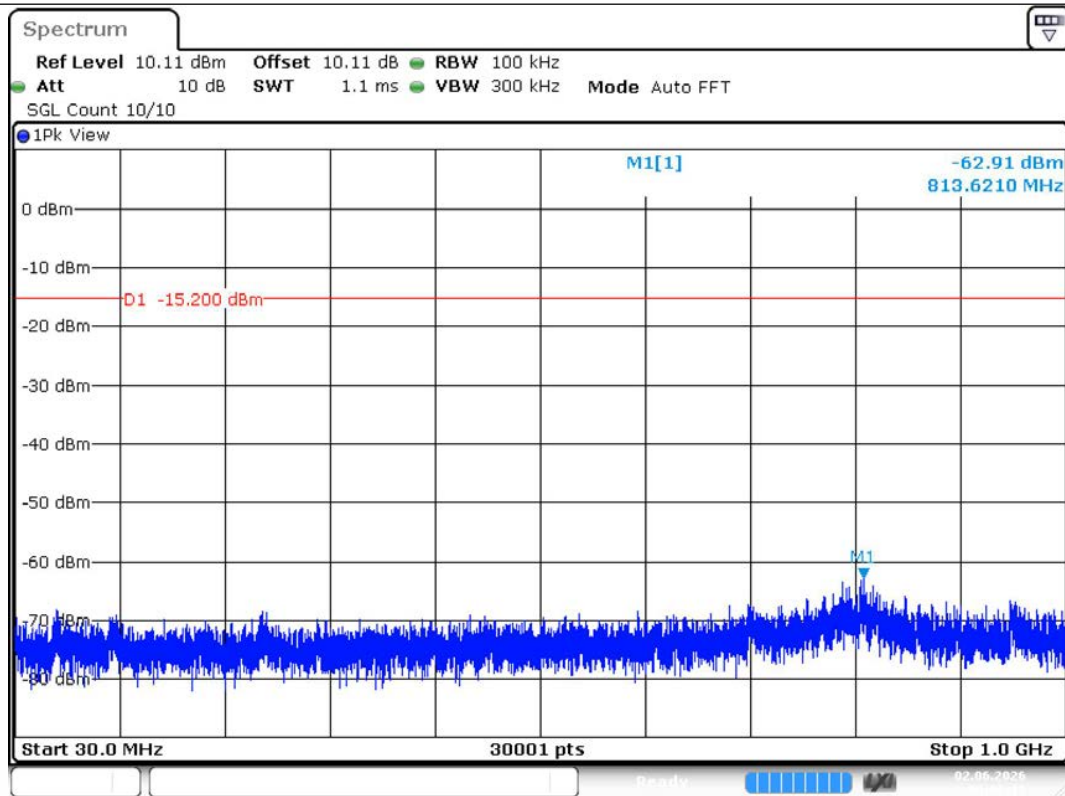
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DH5-Ant1-2402-1000~26500-PASS

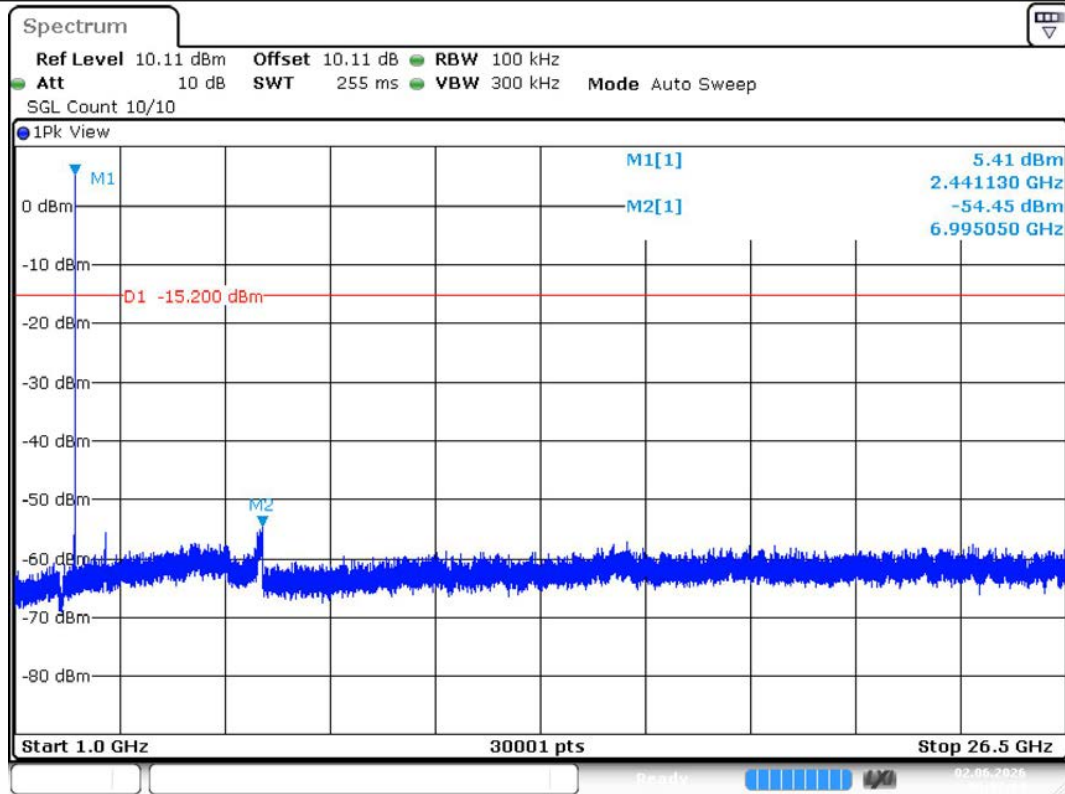


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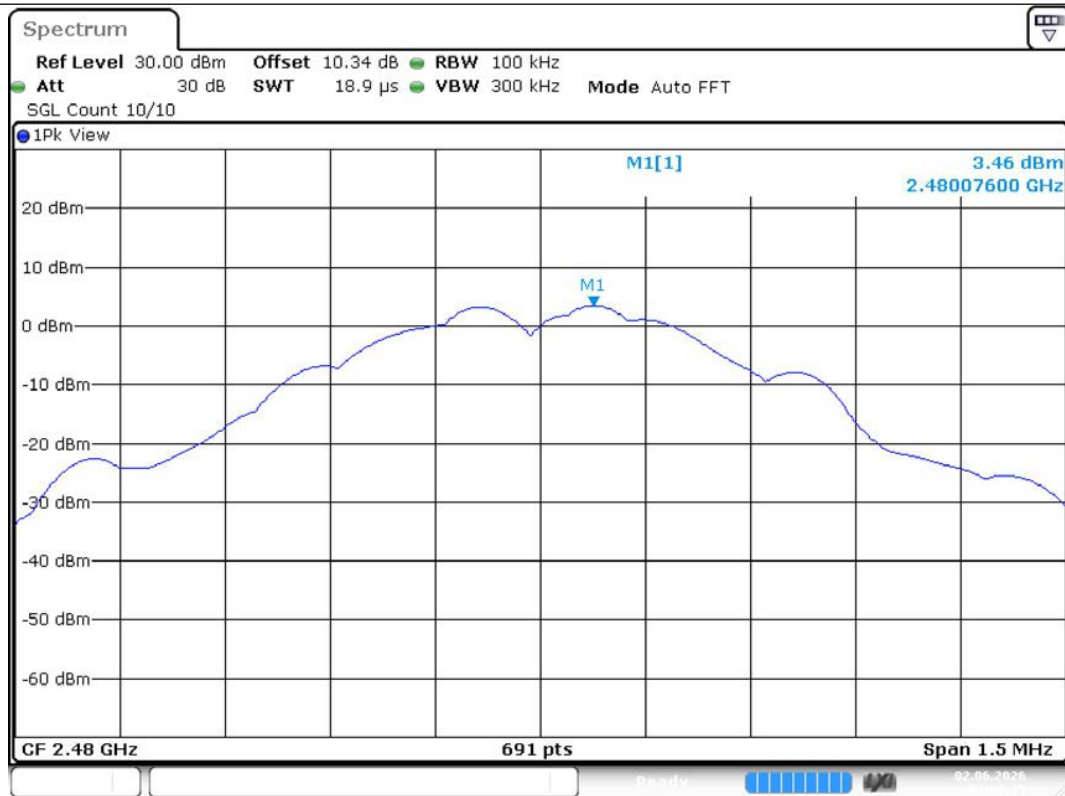
DH5-Ant1-2441-0~Reference-PASS



DH5-Ant1-2441-30~1000-PASS

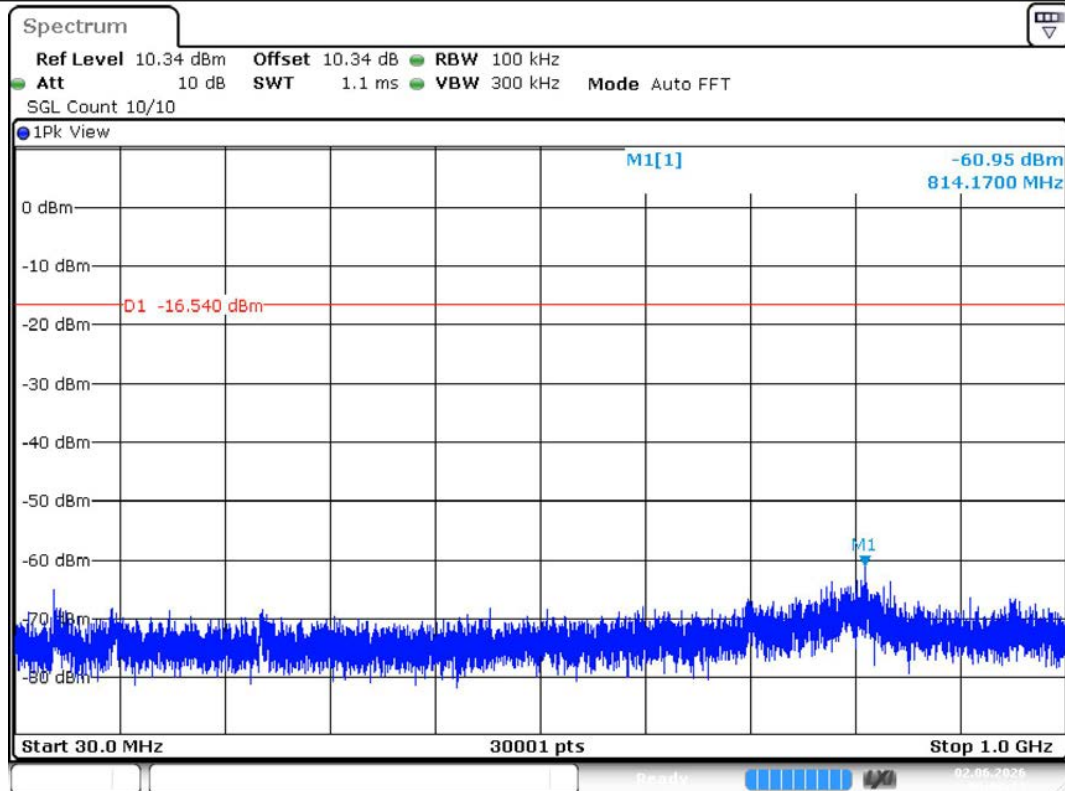


DH5-Ant1-2441-1000~26500-PASS



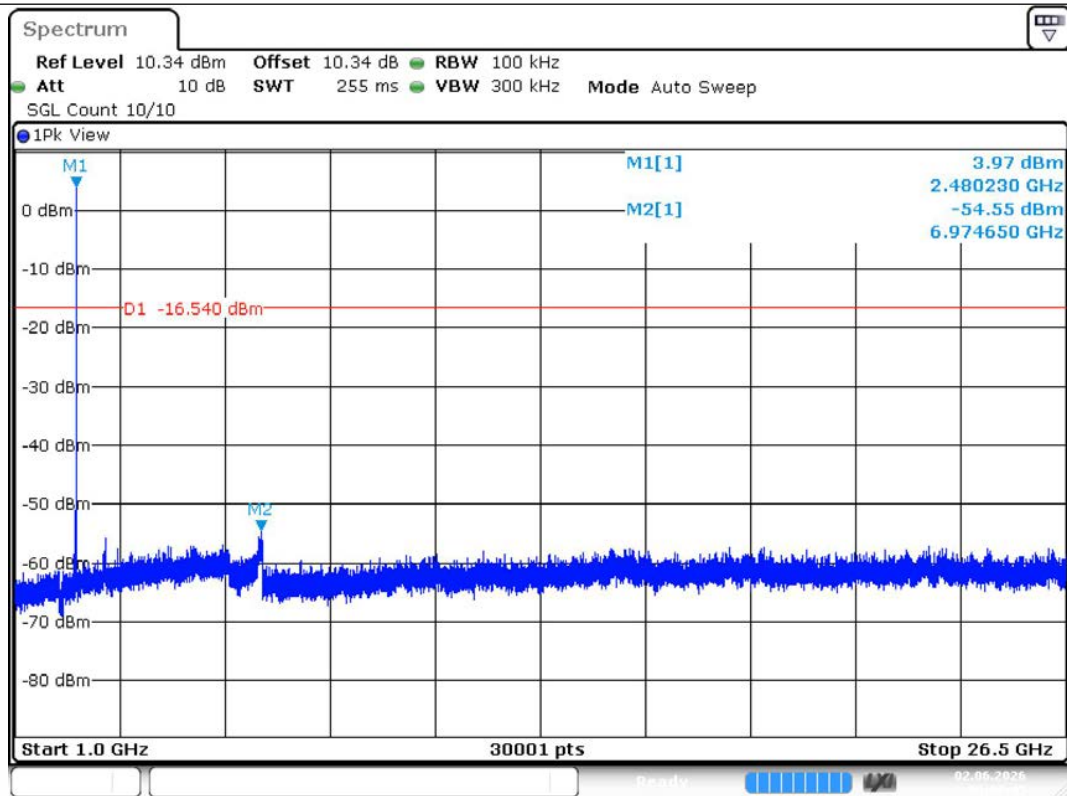
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DH5-Ant1-2480-0~Reference-PASS

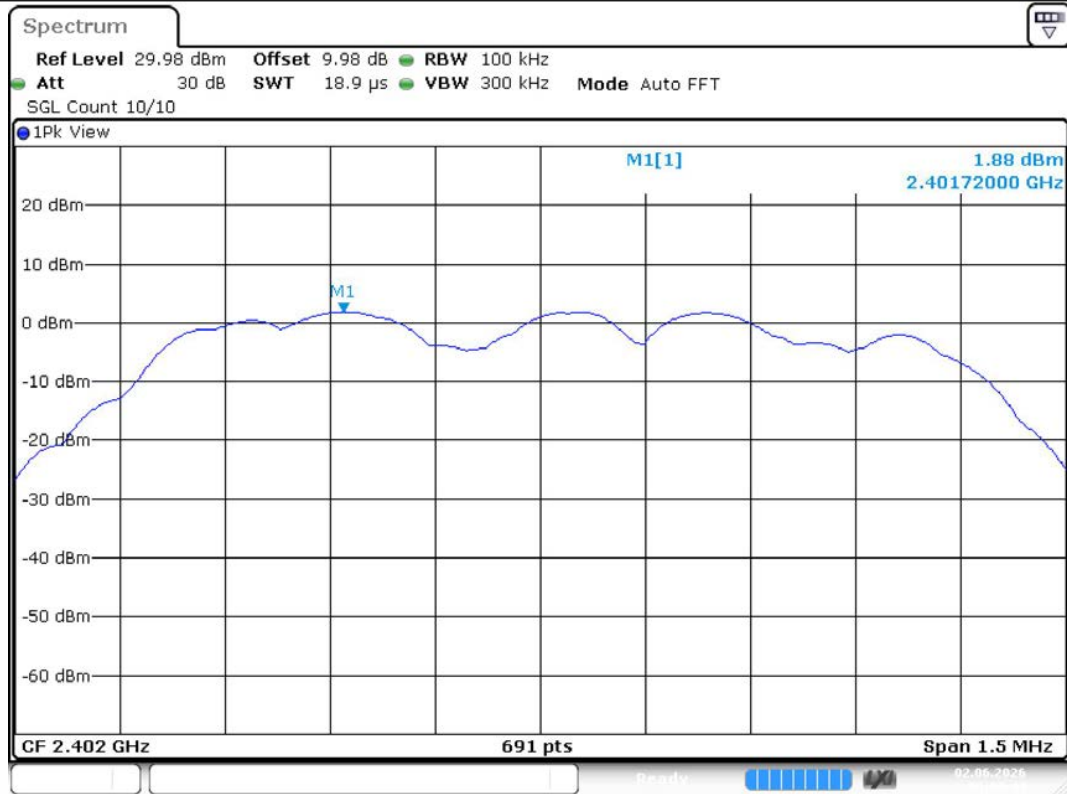


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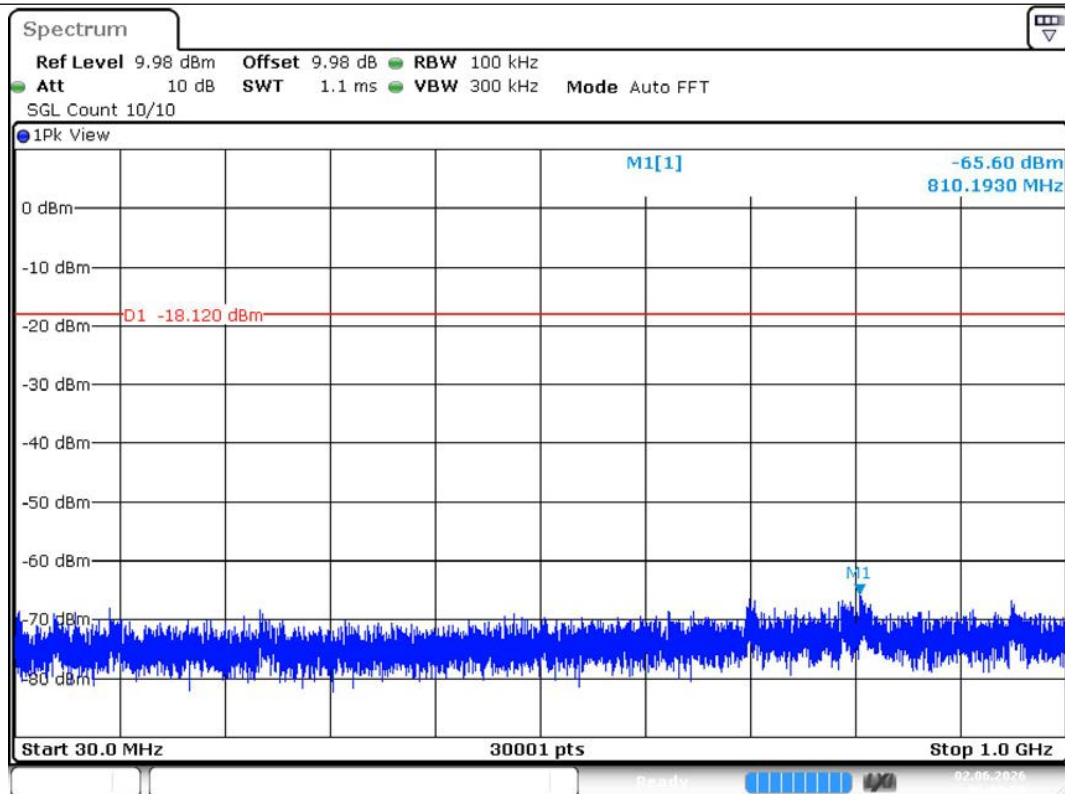
DH5-Ant1-2480-30~1000-PASS



DH5-Ant1-2480-1000~26500-PASS

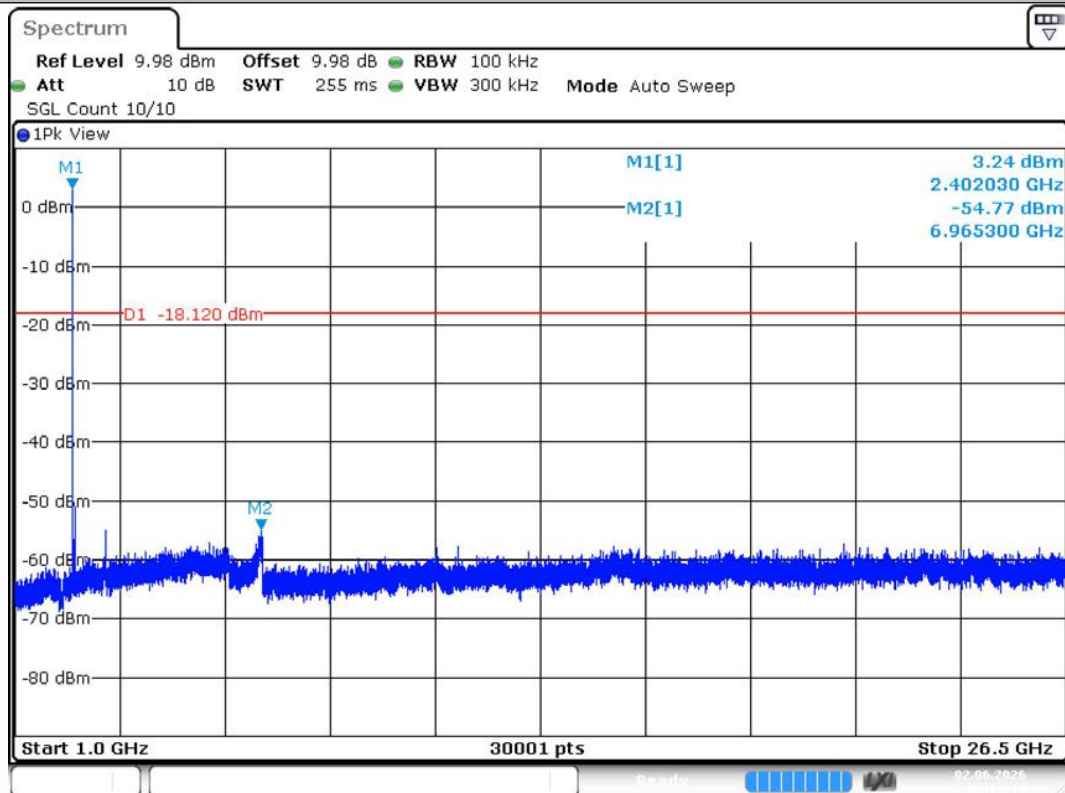


2DH5-Ant1-2402-0~Reference-PASS



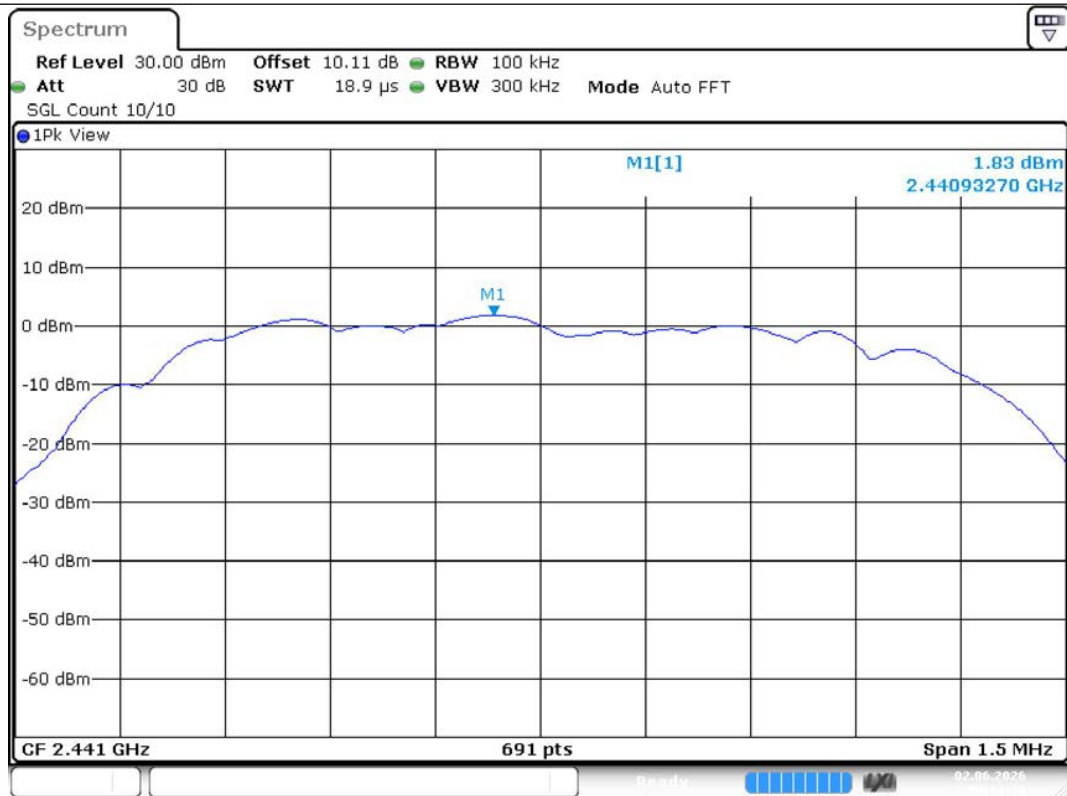
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2DH5-Ant1-2402-30~1000-PASS



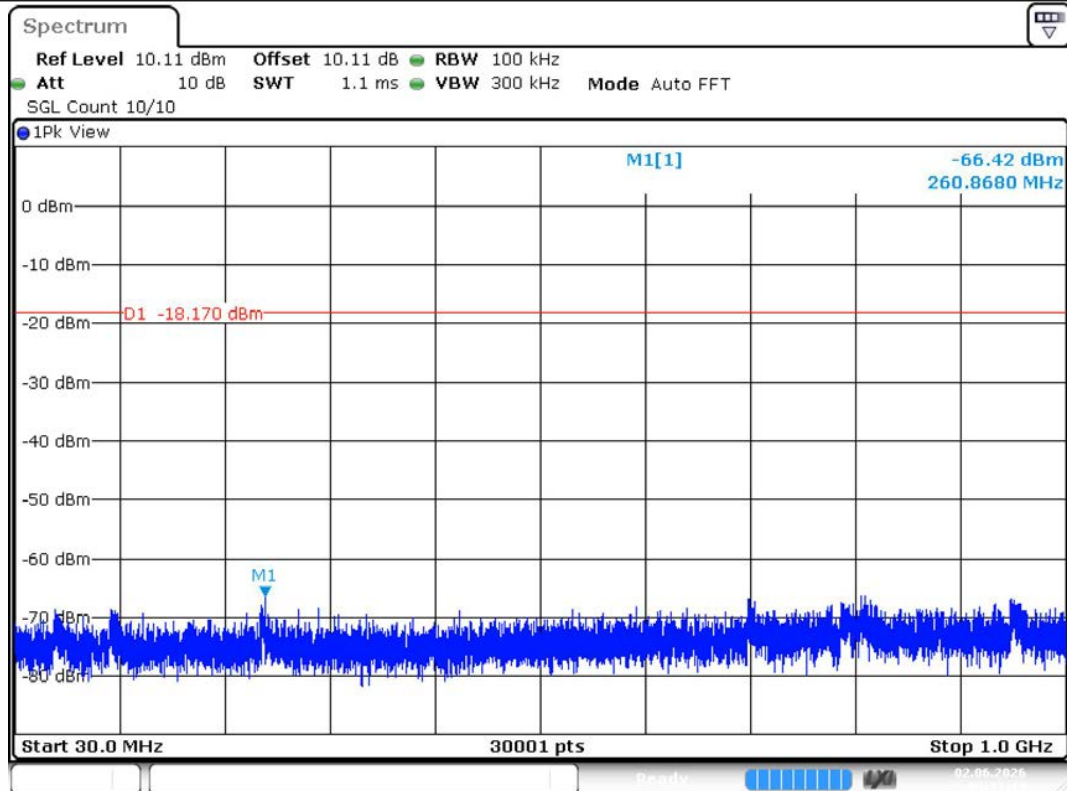
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2DH5-Ant1-2402-1000~26500-PASS



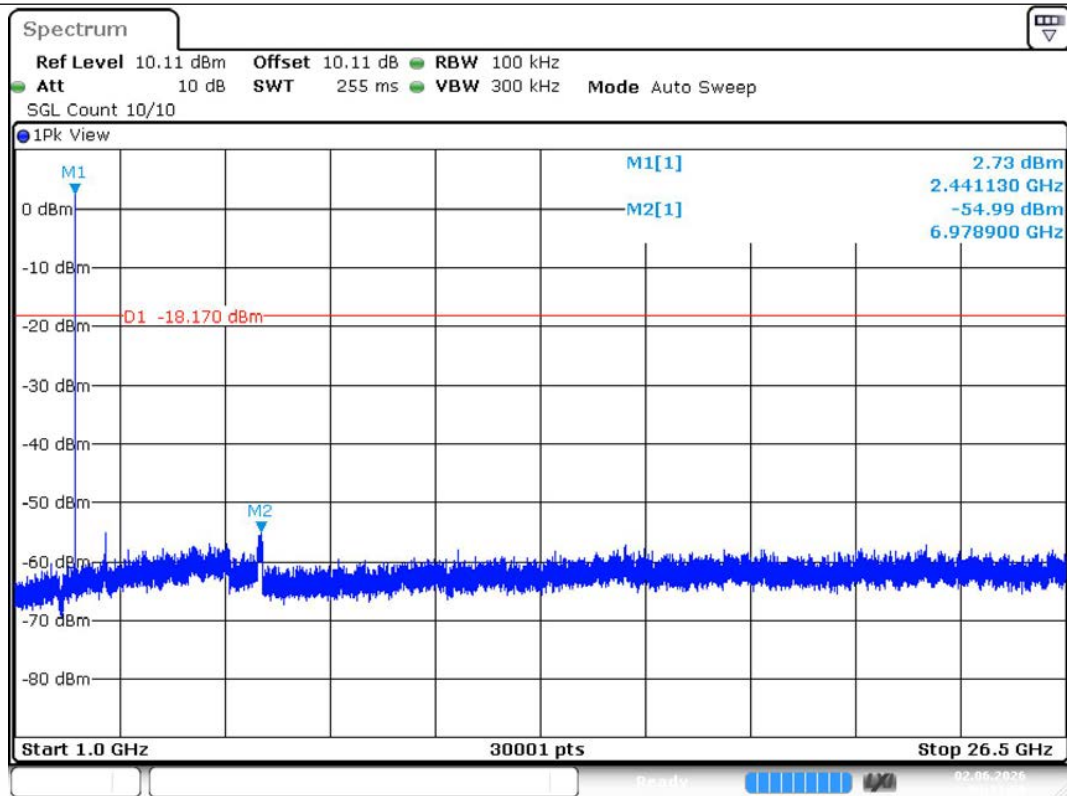
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2DH5-Ant1-2441-0~Reference-PASS



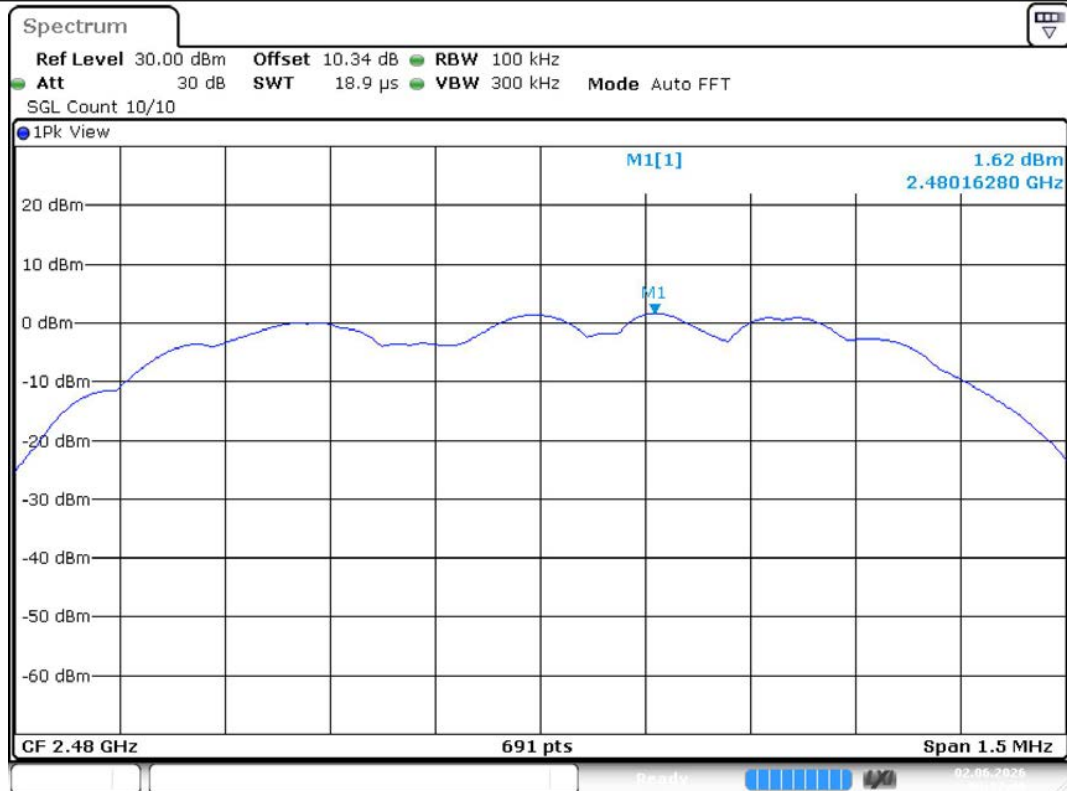
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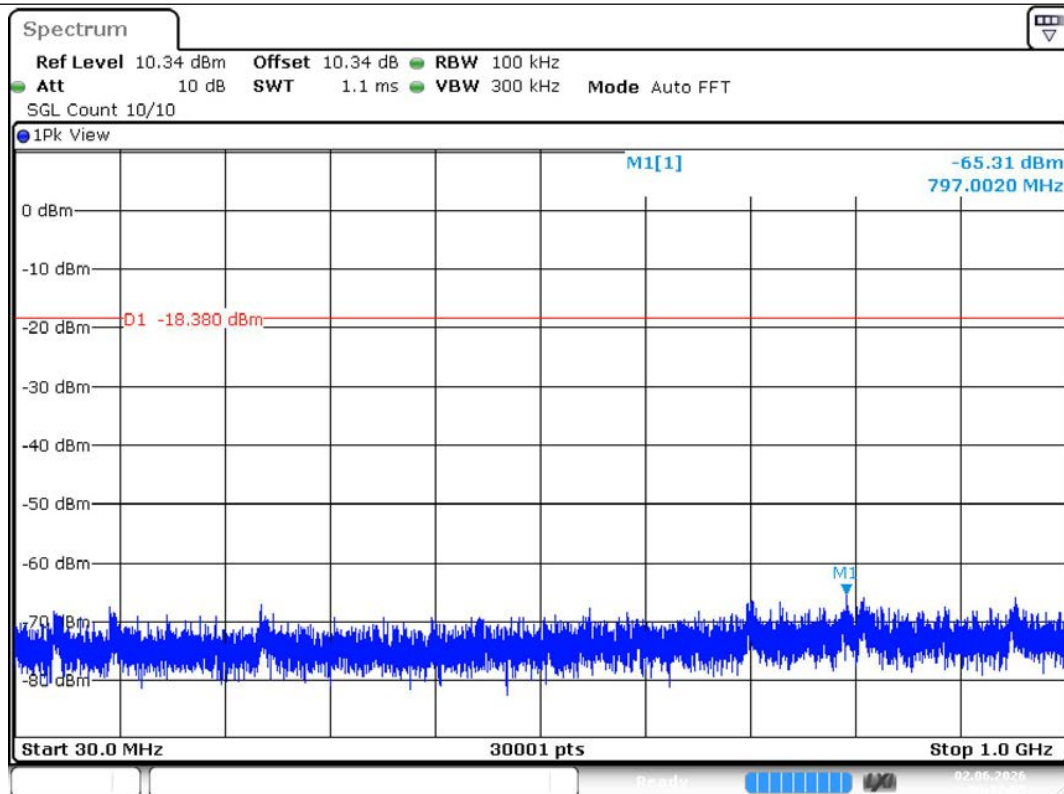
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2DH5-Ant1-2441-1000~26500-PASS



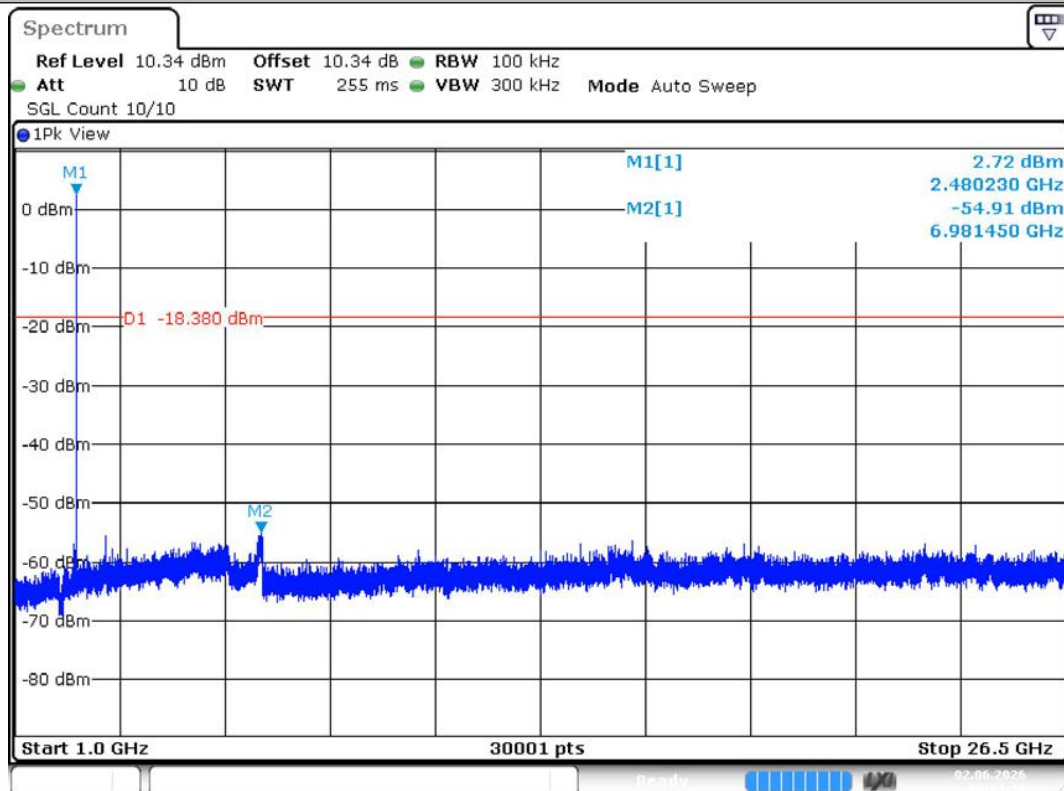
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2DH5-Ant1-2480-0~Reference-PASS



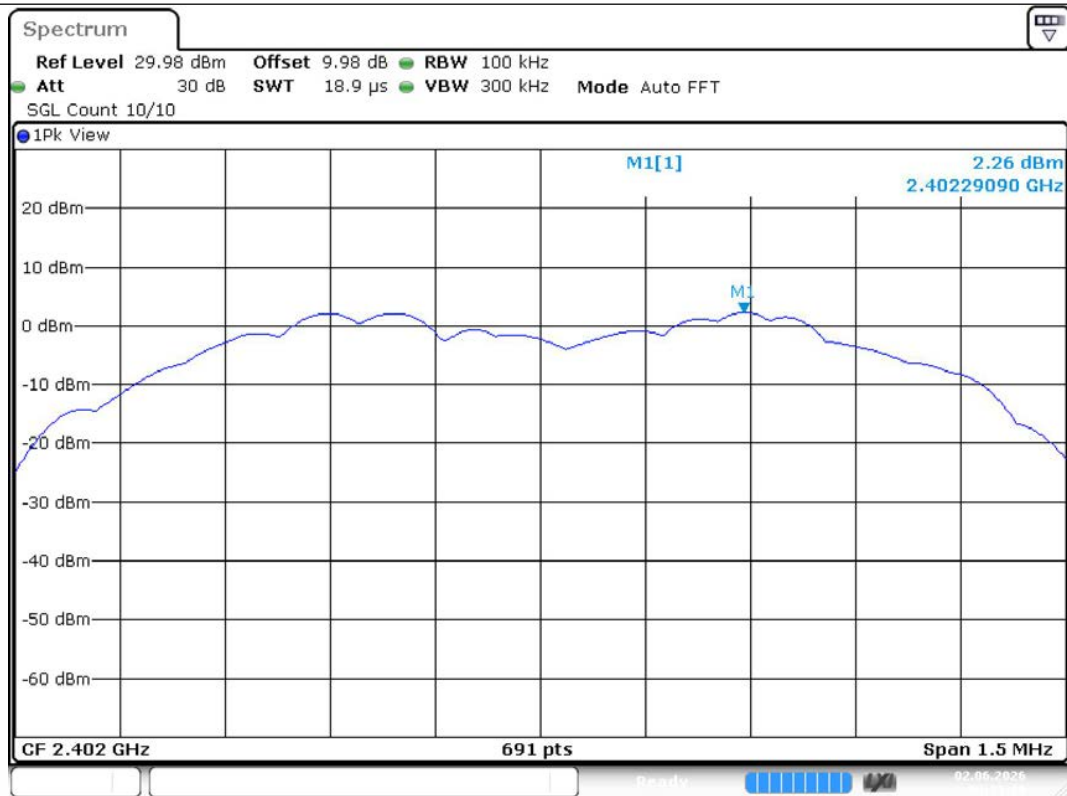
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2DH5-Ant1-2480-30~1000-PASS



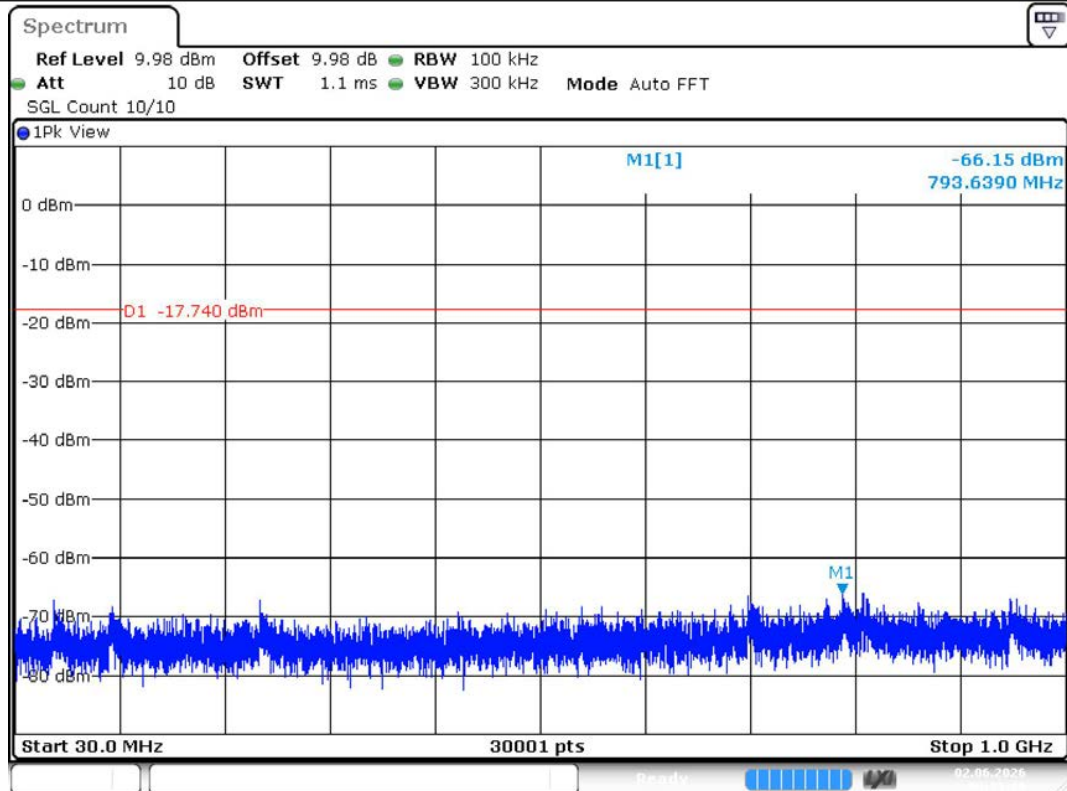
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2DH5-Ant1-2480-1000~26500-PASS



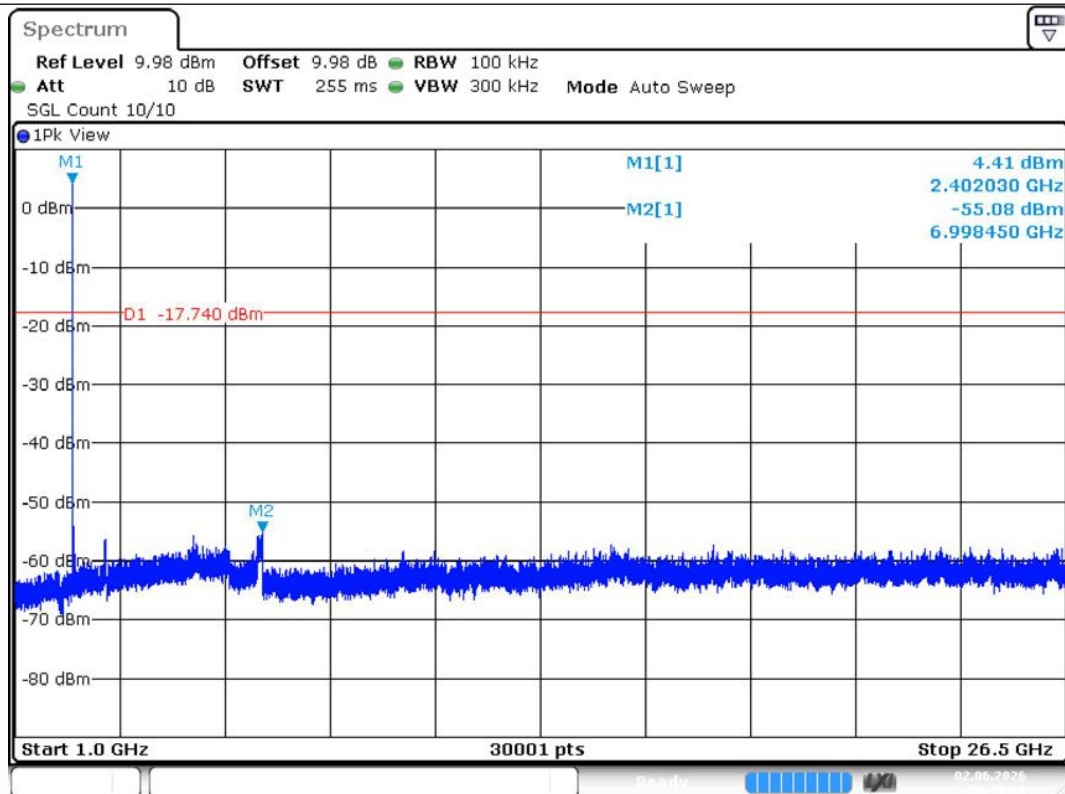
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3DH5-Ant1-2402-0~Reference-PASS



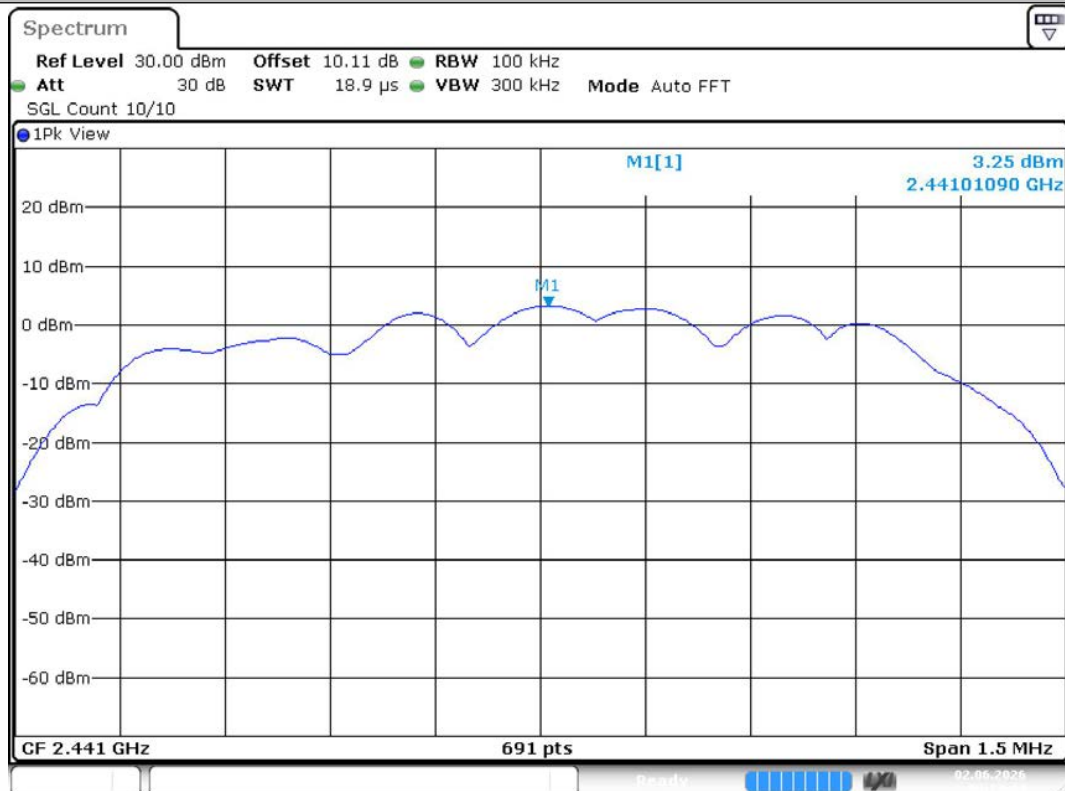
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3DH5-Ant1-2402-30~1000-PASS



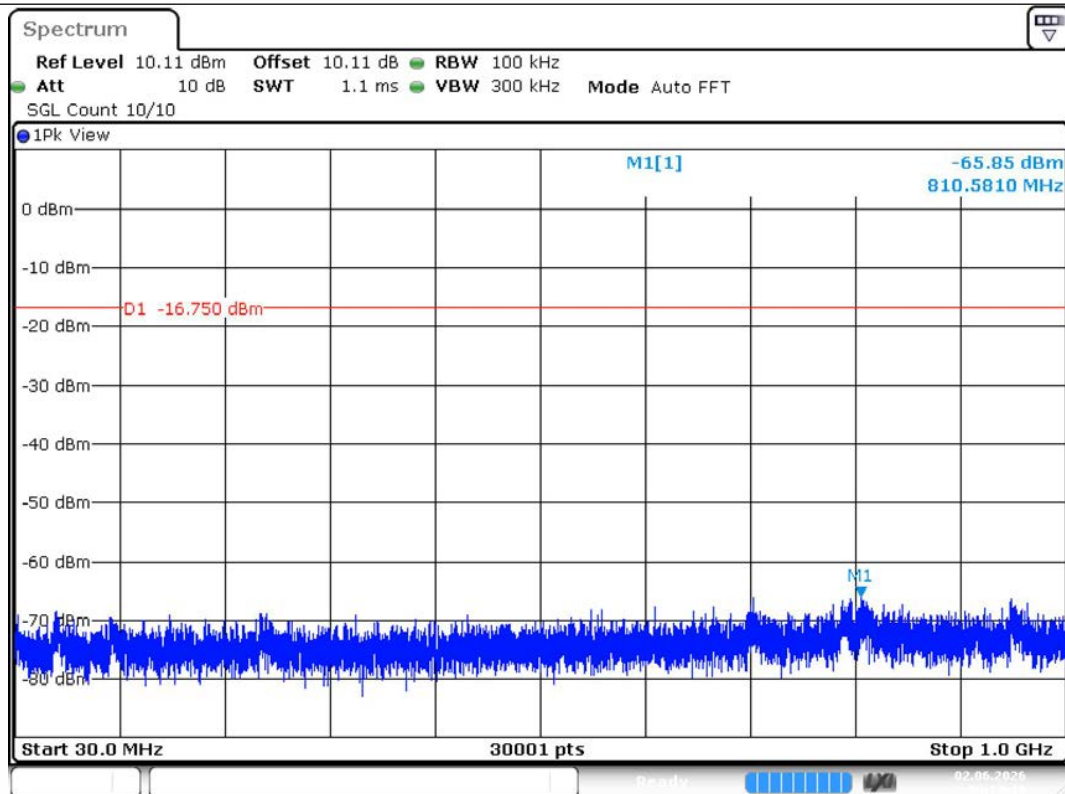
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3DH5-Ant1-2402-1000~26500-PASS



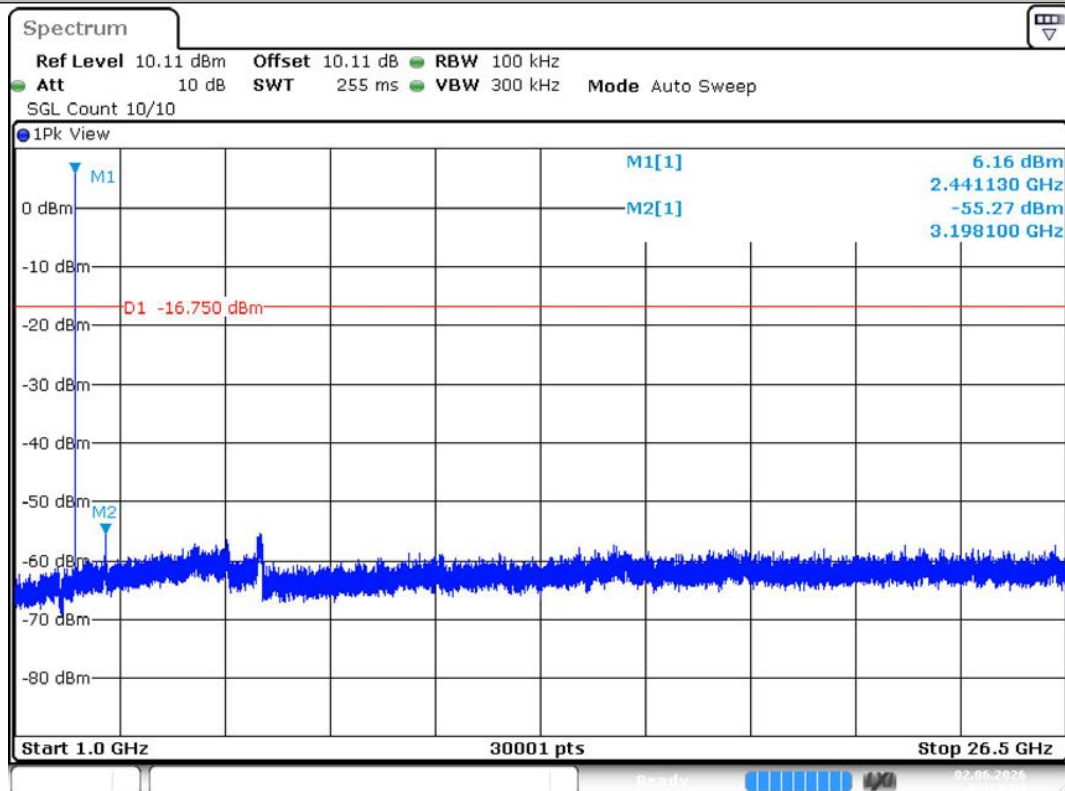
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3DH5-Ant1-2441-0~Reference-PASS



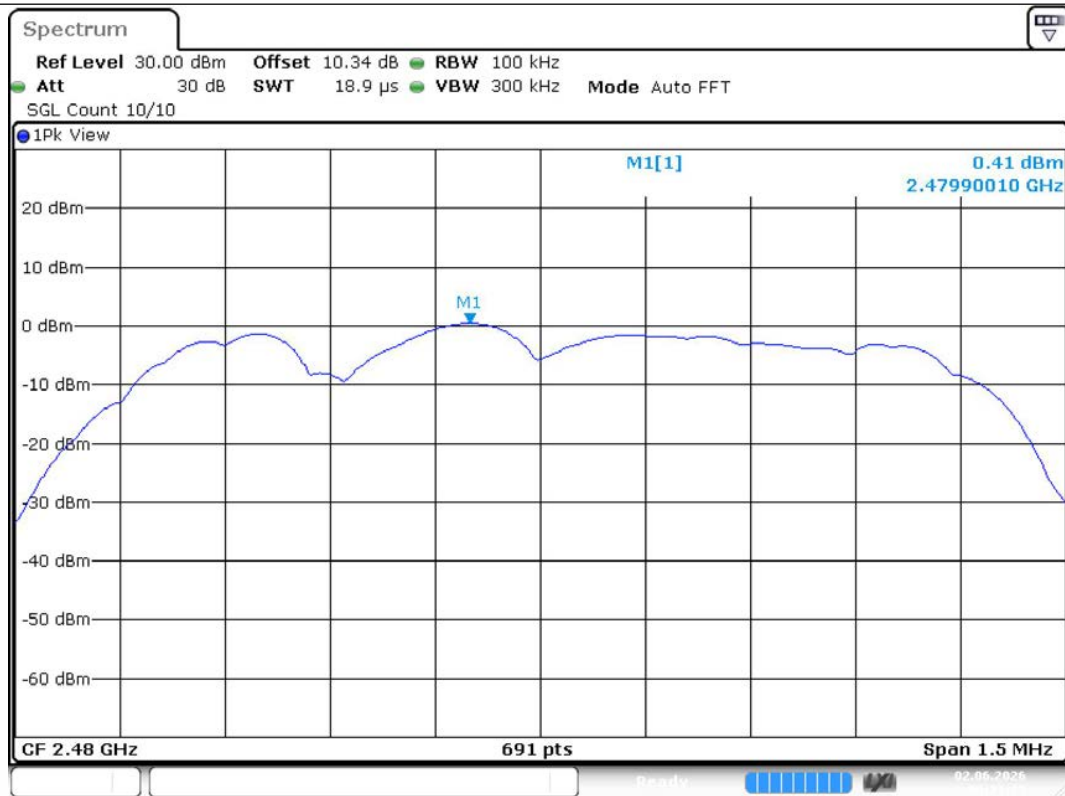
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3DH5-Ant1-2441-30~1000-PASS



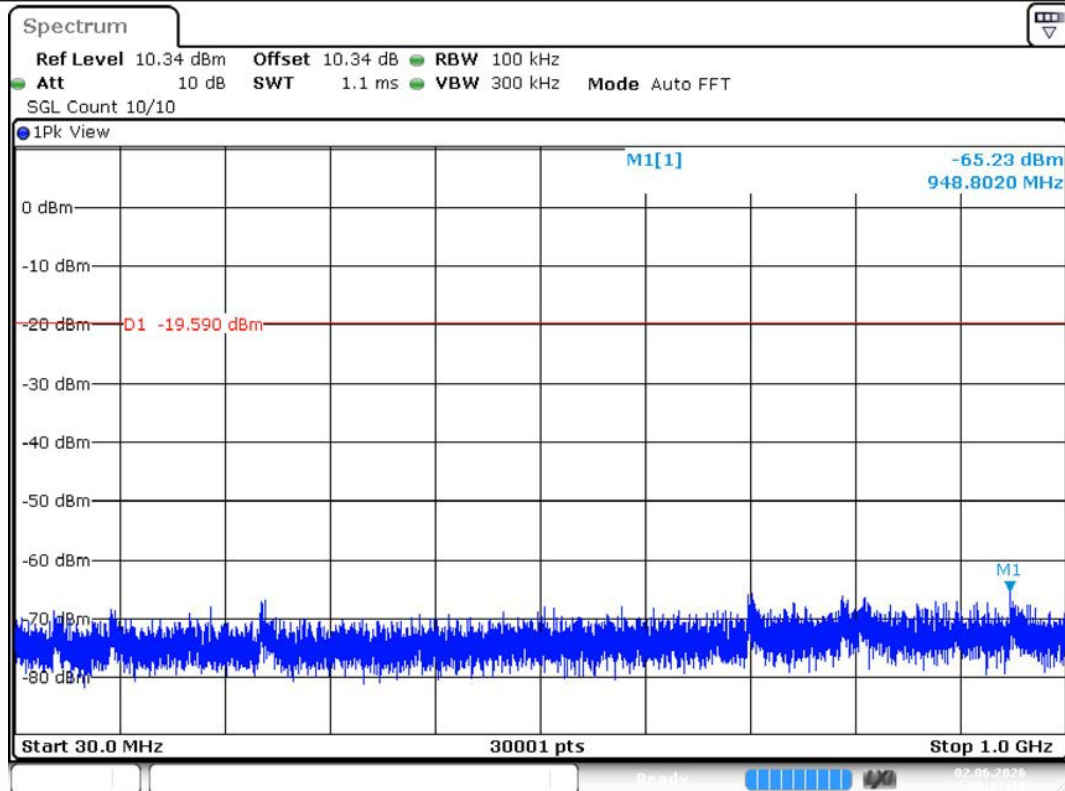
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3DH5-Ant1-2441-1000~26500-PASS



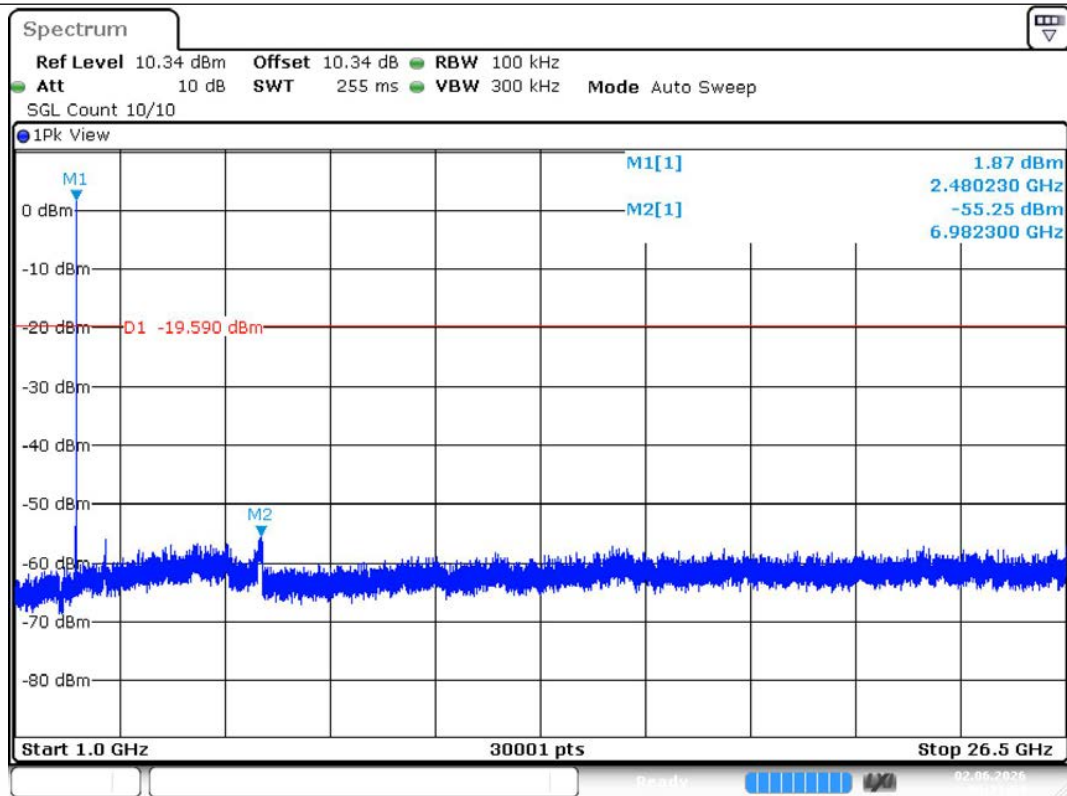
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3DH5-Ant1-2480-0~Reference-PASS



Date: 2.JUN.2026 09:21:30

3DH5-Ant1-2480-30~1000-PASS



Date: 2.JUN.2026 09:21:54

3DH5-Ant1-2480-1000~26500-PASS

9.7 RADIATED SPURIOUS EMISSION

9.7.1 Applicable Standard

According to FCC Part 15.247(d), 15.205, 15.209 and KDB 558074 D01 15.247 MEAS GUIDANCE v05r02
According to IC RSS-Gen and RSS-247

9.7.2 Conformance Limit

According to FCC Part 15.247(d): radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

According to FCC Part 15.205, Restricted bands

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
10.495-0.505	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	8.025-8.5
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	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	156.52475-156.52525	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			

According to FCC Part 15.205, the level of any transmitter spurious emission in Restricted bands shall not exceed the level of the emission specified in the following table

Restricted Frequency(MHz)	Field Strength (μV/m)	Field Strength (dBμV/m)	Measurement Distance
0.009-0.490	2400/F(KHz)	20 log (uV/m)	300
0.490-1.705	24000/F(KHz)	20 log (uV/m)	30
1.705-30	30	29.5	30
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

9.7.3 Test Configuration

Test according to clause 7.2 radio frequency test setup 2

9.7.4 Test Procedure

This test is required for any spurious emission that falls in a Restricted Band, as defined in Section 15.205. It must be performed with the highest gain of each type of antenna proposed for use with the EUT. Use the following spectrum analyzer settings:

For Above 1GHz:

The EUT was placed on a turn table which is 1.5m above ground plane.

Maximum procedure was performed on the highest emissions to ensure EUT compliance.

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz

VBW ≥ RBW

Sweep = auto

Detector function = peak

Trace = max hold

For Below 1GHz:

The EUT was placed on a turn table which is 0.8m above ground plane.

Maximum procedure was performed on the highest emissions to ensure EUT compliance.

Span = wide enough to fully capture the emission being measured

RBW = 100 kHz for

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

For Below 30MHz:

The EUT was placed on a turn table which is 0.8m above ground plane.

Maximum procedure was performed on the highest emissions to ensure EUT compliance.

Span = wide enough to fully capture the emission being measured

RBW = 9kHz

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

For Below 150KHz:

The EUT was placed on a turn table which is 0.8m above ground plane.

Maximum procedure was performed on the highest emissions to ensure EUT compliance.

Span = wide enough to fully capture the emission being measured

RBW = 200Hz

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

Follow the guidelines in ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization, etc. A pre-amp and a high pass filter are required for this test, in order to provide the measuring system with sufficient sensitivity. Allow the trace to stabilize. The peak reading of the emission, after being corrected by the antenna factor, cable loss, pre-amp gain, etc., is the peak field strength, which must comply with the limit specified in Section 15.35(b). Submit this data.

Now set the VBW to 10 Hz, while maintaining all of the other instrument settings. This peak level, once corrected, must comply with the limit specified in Section 15.209. If the dwell time per channel of the hopping signal is less than 100 ms, then the reading obtained with the 10 Hz VBW may be further adjusted by a "duty cycle correction factor", derived from $20\log(\text{dwell time}/100 \text{ ms})$, in an effort to demonstrate compliance with the 15.209 limit. Submit this data.

Repeat above procedures until all frequency measured was complete.

9.7.5 Test Results

■ Spurious Emission below 30MHz(9KHz to 30MHz)

Temperature:	25° C
Relative Humidity:	60%
ATM Pressure:	1011 mbar

Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
		PK	AV	PK	AV	PK	AV
--	--	--	--	--	--	--	--

Note: the amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

Distance extrapolation factor = $40\log(\text{Specific distance}/\text{test distance})$ (dB);

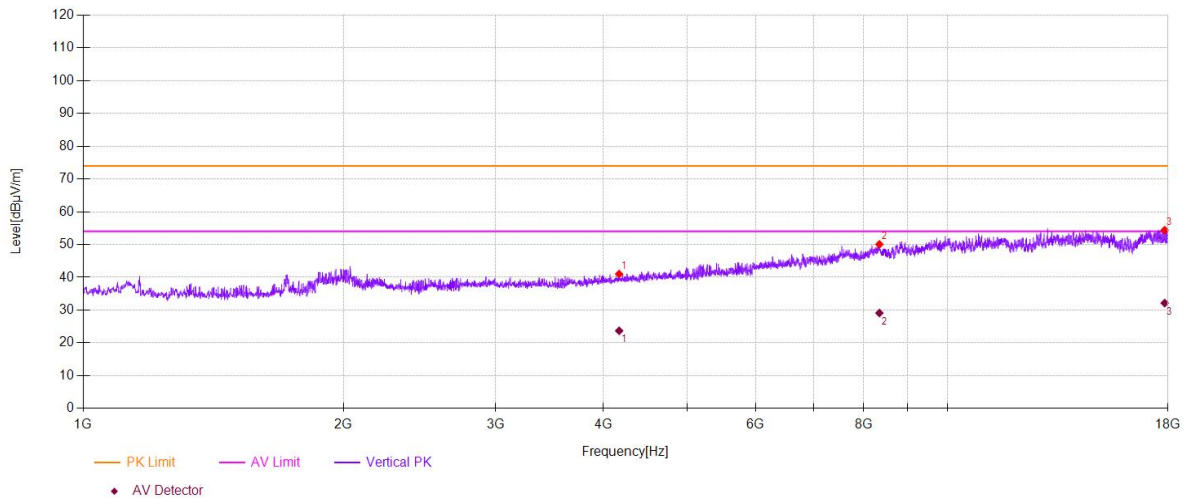
Limit line = Specific limits(dBuV) + distance extrapolation factor

■ Spurious Emission Above 1GHz(1GHz to 25GHz)

All the antenna(Antenna 1) and modes(GFSK, $\pi/4$ -DQPSK, 8DPSK) mode have been tested, and the worst(Antenna 1,GFSK) result recorded was report as below:

no any obvious emission were detected from 18 GHz to 25 GHz, so below final test was performed with frequency range from 1GHz to 18 GHz.

Test mode: GFSK Frequency: Channel 0: 2402MHz

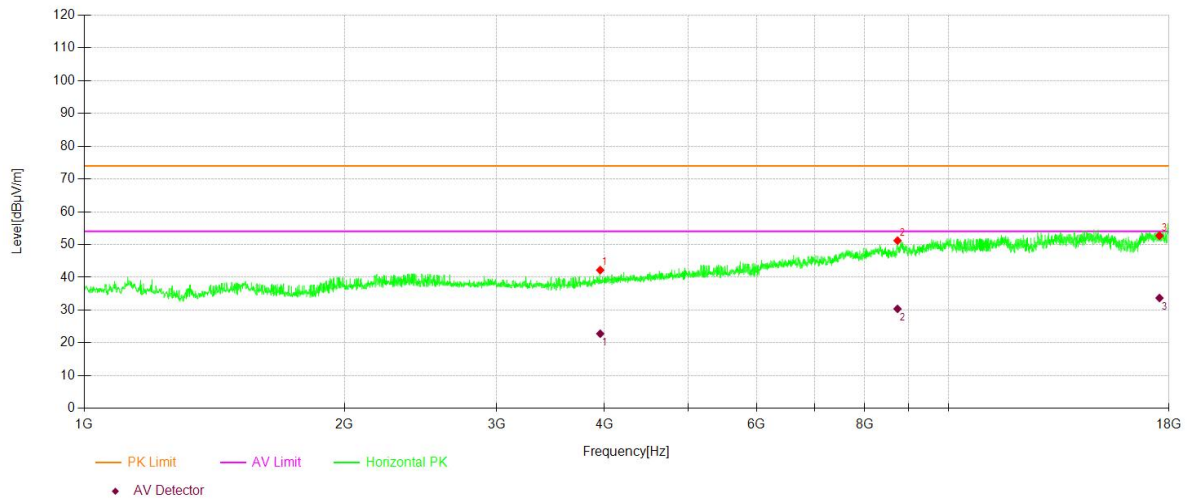


Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4170	41.01	-18.78	74.00	32.99	PK	Vertical
2	8343.75	50.06	-9.49	74.00	23.94	PK	Vertical
3	17840.625	54.39	-3.07	74.00	19.61	PK	Vertical

AV Final Data List

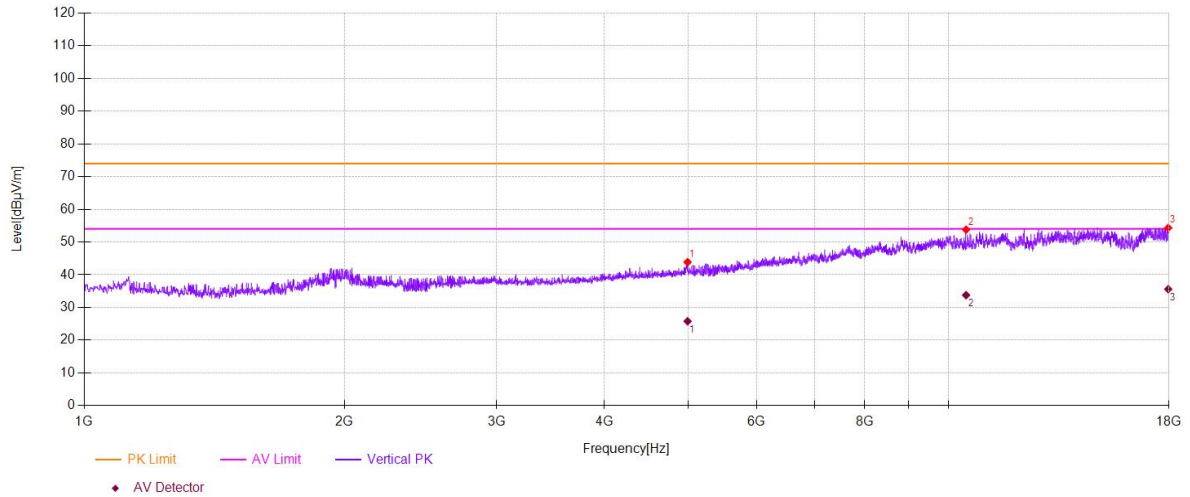
NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	4170	23.69	54.00	30.31	AV	Vertical
2	8343.75	29.12	54.00	24.88	AV	Vertical
3	17840.625	32.15	54.00	21.85	AV	Vertical



Suspected Data List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3954.375	42.20	-19.35	74.00	31.80	PK	Horizontal
2	8731.875	51.20	-8.61	74.00	22.80	PK	Horizontal
3	17550	52.69	-2.05	74.00	19.63	PK	Horizontal

AV Final Data List						
NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	3954.375	22.80	54.00	31.20	AV	Horizontal
2	8731.875	30.38	54.00	23.62	AV	Horizontal
3	17550	33.69	54.00	20.31	AV	Horizontal

Test mode: GFSK Frequency: Channel 39: 2441MHz

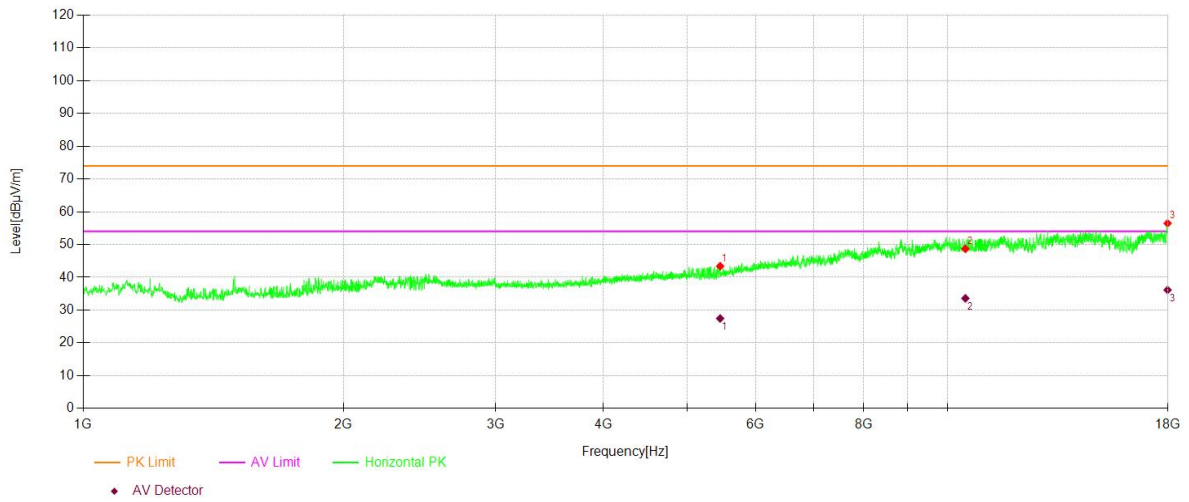


Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4991.25	43.87	-16.69	74.00	30.13	PK	Vertical
2	10483.125	53.79	-4.84	74.00	20.21	PK	Vertical
3	17964.375	54.33	-0.17	74.00	19.67	PK	Vertical

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	4991.25	25.79	54.00	28.21	AV	Vertical
2	10483.125	33.78	54.00	20.22	AV	Vertical
3	17964.375	35.60	54.00	18.40	AV	Vertical



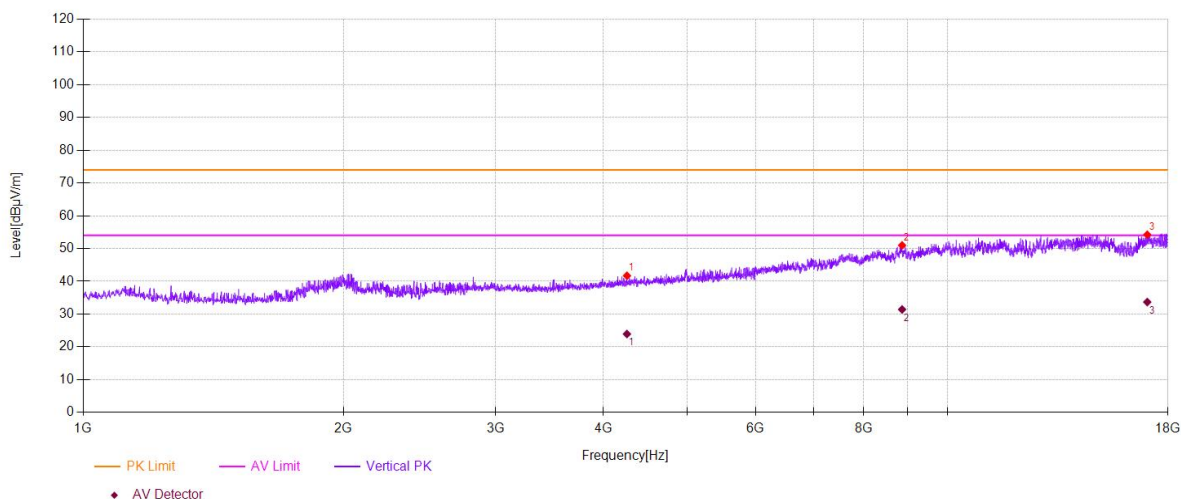
Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.125	43.41	-15.28	74.00	30.59	PK	Horizontal
2	10490.625	48.69	-4.82	74.00	18.25	PK	Horizontal
3	17983.125	56.47	0.37	74.00	17.53	PK	Horizontal

AV Final Data List

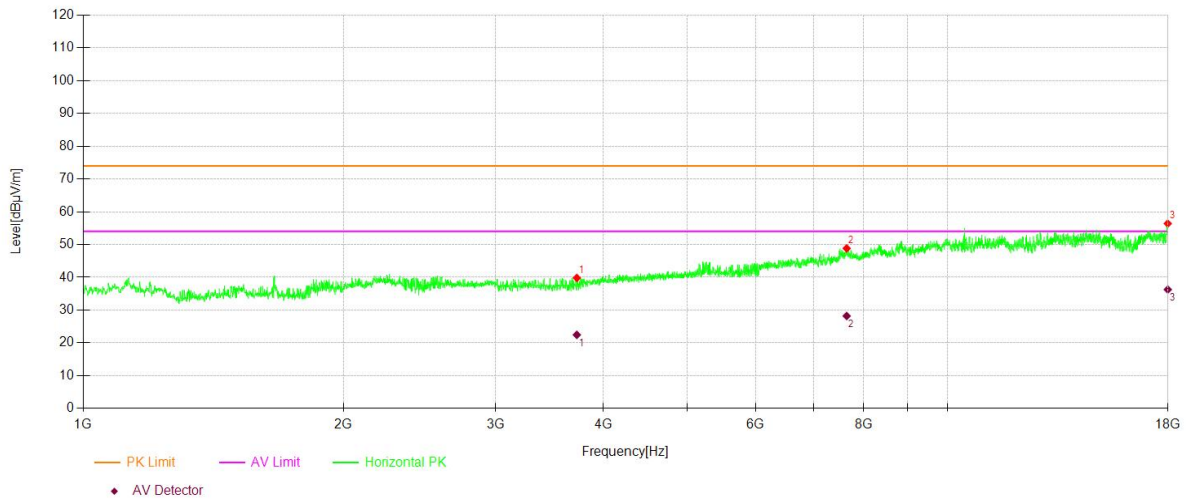
NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	5458.125	27.46	54.00	26.54	AV	Horizontal
2	10490.625	33.59	54.00	20.41	AV	Horizontal
3	17983.125	36.14	54.00	17.86	AV	Horizontal

Test mode: GFSK Frequency: Channel 78: 2480MHz



Suspected Data List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4258.125	41.71	-18.48	74.00	32.29	PK	Vertical
2	8863.125	50.98	-7.36	74.00	23.02	PK	Vertical
3	17032.5	54.22	-1.93	74.00	19.78	PK	Vertical

AV Final Data List						
NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	4258.125	23.93	54.00	30.07	AV	Vertical
2	8863.125	31.42	54.00	22.58	AV	Vertical
3	17032.5	33.68	54.00	20.32	AV	Vertical



Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3725.625	39.82	-19.96	74.00	34.18	PK	Horizontal
2	7646.25	48.83	-10.49	74.00	25.17	PK	Horizontal
3	17990.625	56.40	0.58	74.00	17.60	PK	Horizontal

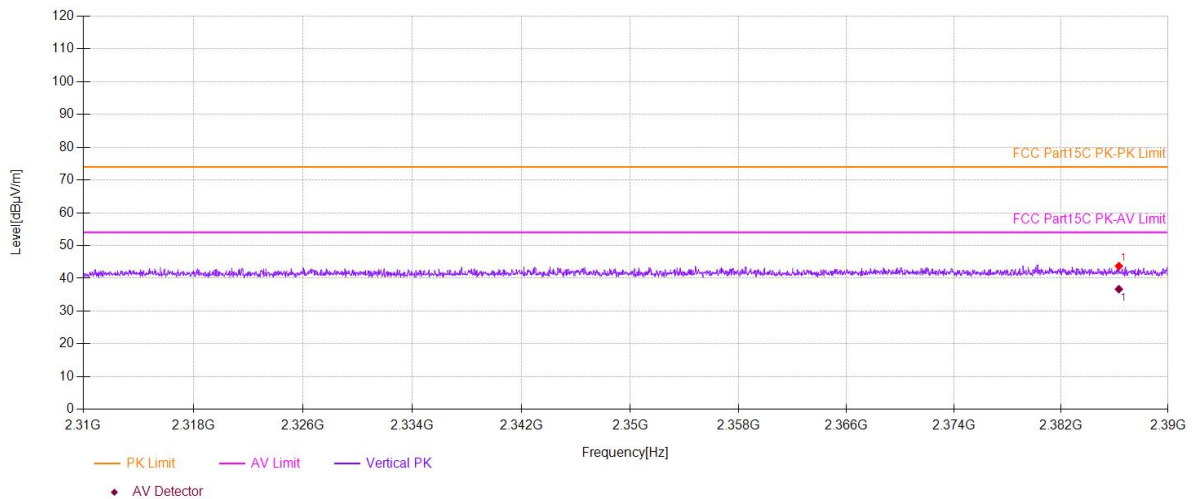
AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	3725.625	22.46	54.00	31.54	AV	Horizontal
2	7646.25	28.22	54.00	25.78	AV	Horizontal
3	17990.625	36.27	54.00	17.73	AV	Horizontal

■ Spurious Emission in Restricted Band 2310-2390MHz and 2483.5-2500MHz

All the antenna(Antenna 1) and modes(GFSK, $\pi/4$ -DQPSK, 8DPSK, Hopping) mode have been tested, and the worst(Antenna 1,GFSK, Hopping) result recorded was report as below:

Test Model	Spurious Emission in Restricted Band 2310-2390MHz		
	Channel 0: 2402MHz	GFSK	V



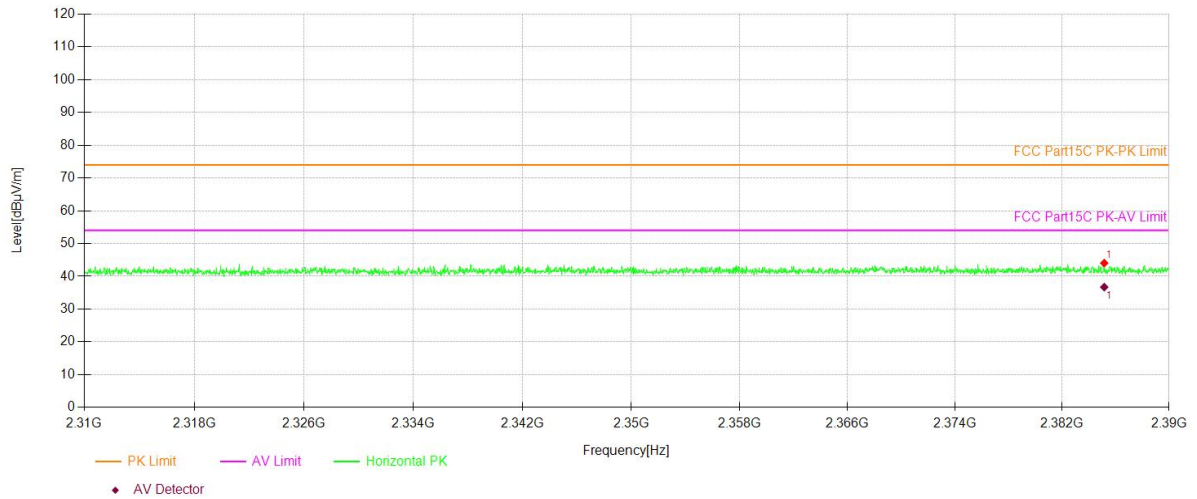
Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2386.3188	43.72	30.21	74.00	30.28	PK	Vertical

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	2386.3188	36.69	54.00	17.31	AV	Vertical

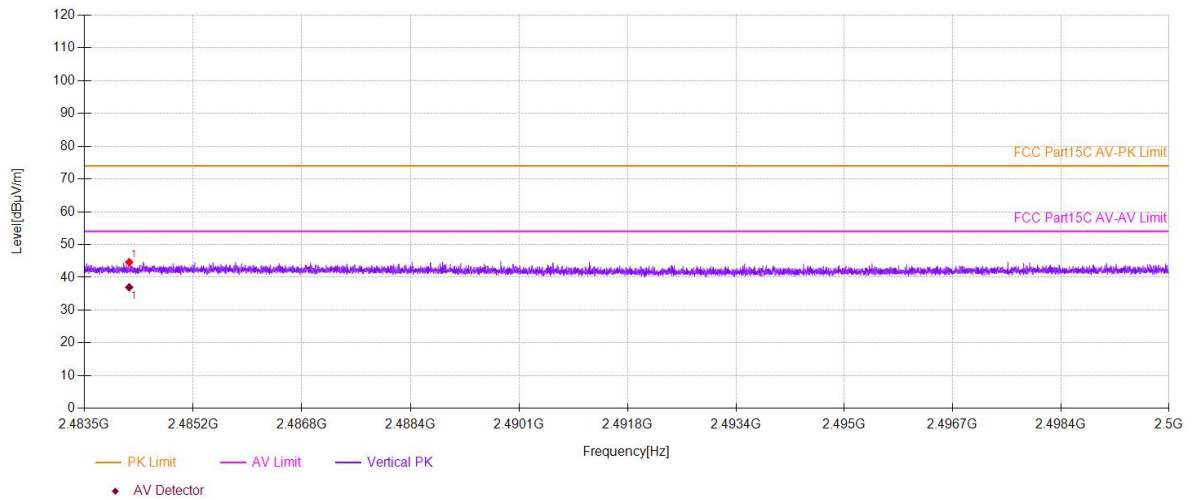
Test Model	Spurious Emission in Restricted Band 2310-2390MHz Channel 0: 2402MHz	GFSK	H
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Suspected Data List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2385.145	44.03	30.20	74.00	29.97	PK	Horizontal

AV Final Data List							
NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	
1	2385.145	36.71	54.00	17.29	AV	Horizontal	

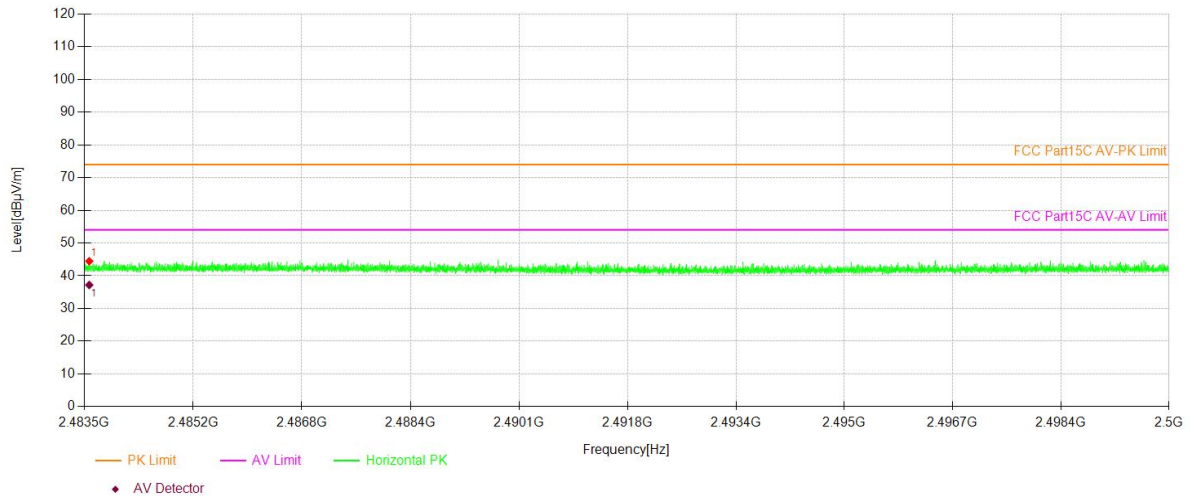
Test Model	Spurious Emission in Restricted Band 2483.5-2500MHz Channel 78: 2480MHz	GFSK	V
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Suspected Data List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2484.1814	44.61	30.55	74.00	29.39	PK	Vertical

AV Final Data List						
NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	2484.1814	36.96	54.00	17.04	AV	Vertical

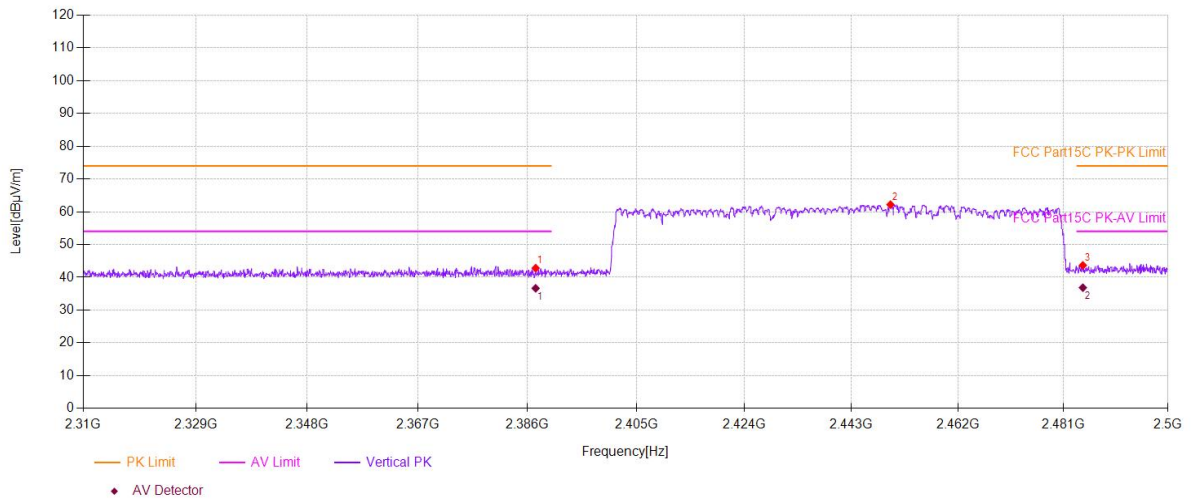
Test Model	Spurious Emission in Restricted Band 2483.5-2500MHz Channel 78: 2480MHz	GFSK	H
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Suspected Data List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.5759	44.45	30.54	74.00	29.55	PK	Horizontal

AV Final Data List							
NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	
1	2483.5759	37.19	54.00	16.81	AV	Horizontal	

Test Model	Spurious Emission in Restricted Band2310-2390MHz and 2400-2483.5MHz Hopping	GFSK	V
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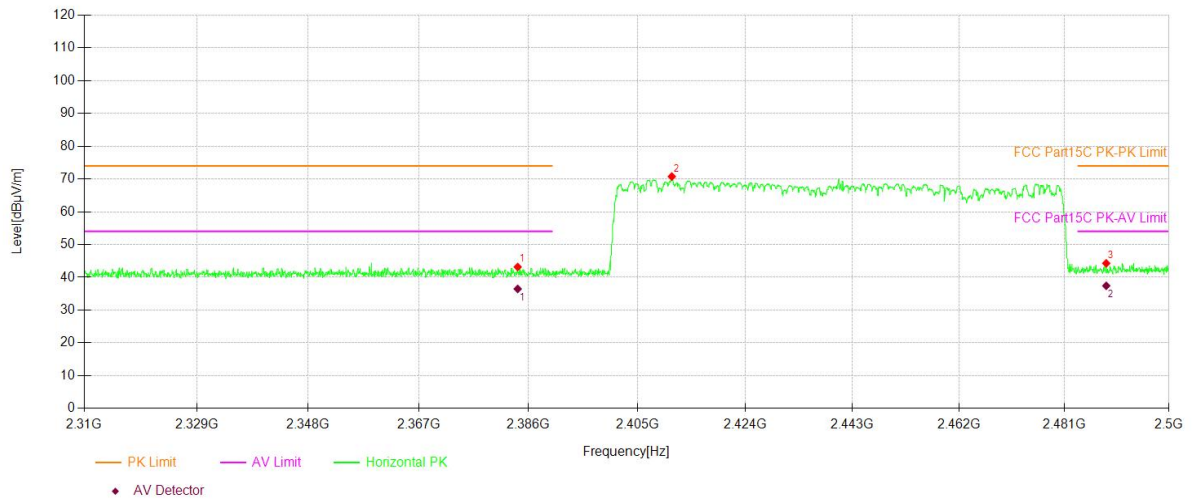


Suspected Data List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2387.4191	42.81	30.21	74.00	31.19	PK	Vertical
2	2449.95	62.17	30.39	-	-	PK	Vertical
3	2484.5415	43.66	30.55	74.00	30.34	PK	Vertical

AV Final Data List						
NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	2387.4191	36.66	54.00	17.34	AV	Vertical
2	2484.5415	36.84	54.00	17.16	AV	Vertical

Test Model

Spurious Emission in Restricted Band 2310-2390MHz and 2400-2483.5MHz
Hopping GFSK H



Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2384.1247	43.17	30.20	74.00	30.83	PK	Horizontal
2	2411.0504	70.74	30.30	-	-	PK	Horizontal
3	2488.5962	44.27	30.56	74.00	29.73	PK	Horizontal

AV Final Data List

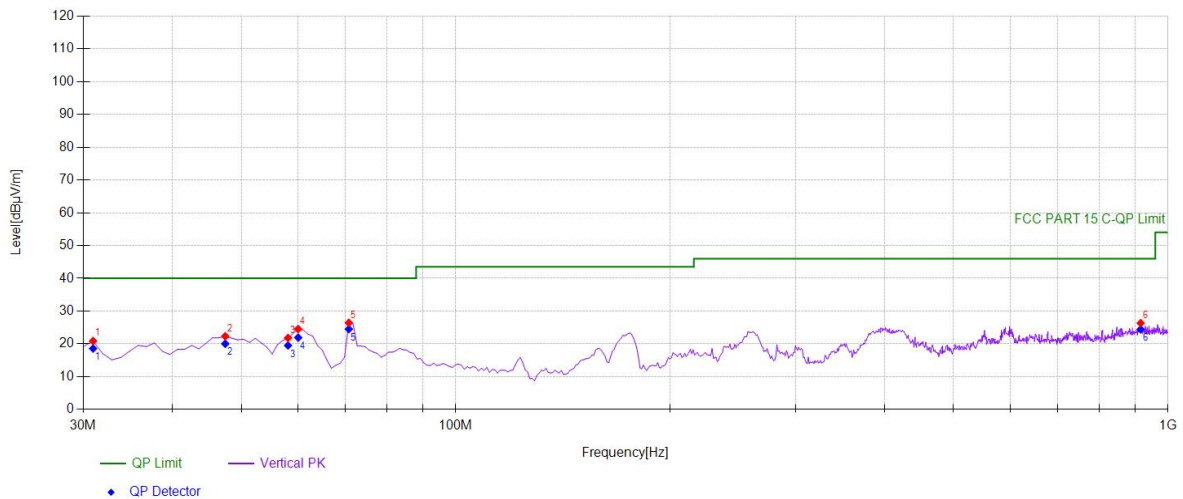
NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	2384.1247	36.47	54.00	17.53	AV	Horizontal
2	2488.5962	37.41	54.00	16.59	AV	Horizontal

■ Spurious Emission below 1GHz(30MHz to 1GHz)

All the antenna(Antenna 1) and modes(GFSK, $\pi/4$ -DQPSK, 8DPSK) mode have been tested, and the worst(Antenna 1,GFSK) result recorded was report as below:

■

Mode:	BT 2402
Environment:	Temp: 25°C; Humi:60%



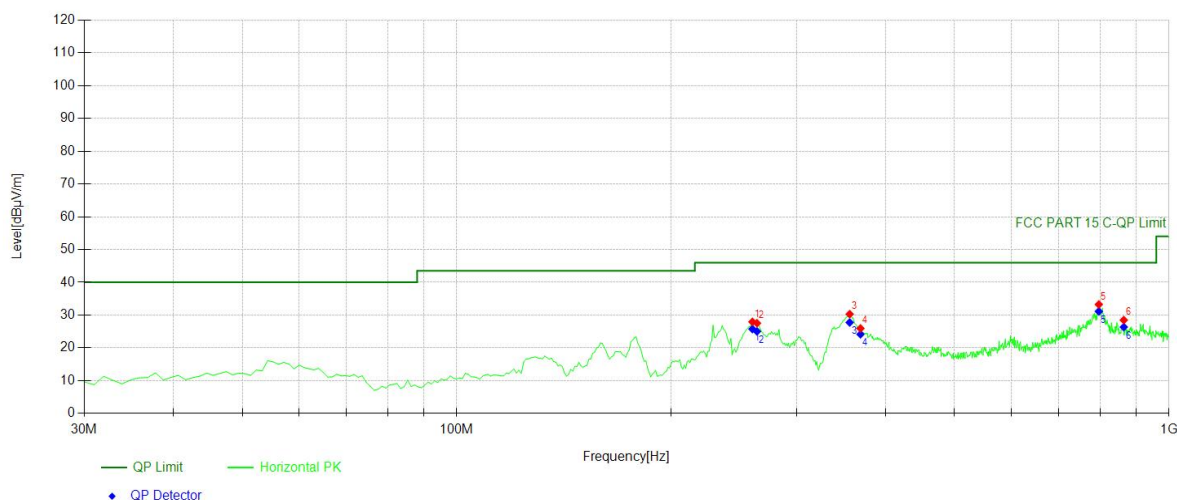
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	30.971	34.91	-14.02	20.89	PK	40.00	19.11	Vertical
2	47.4775	34.14	-11.80	22.34	PK	40.00	17.66	Vertical
3	58.1582	34.41	-12.60	21.81	PK	40.00	18.19	Vertical
4	60.1001	37.43	-12.88	24.55	PK	40.00	15.45	Vertical
5	70.7808	40.85	-14.41	26.44	PK	40.00	13.56	Vertical
6	915.5255	26.26	0.09	26.35	PK	46.00	19.65	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	30.971	-14.02	18.60	40.00	21.40
2	47.4775	-11.80	20.05	40.00	19.95
3	58.1582	-12.60	19.52	40.00	20.48
4	60.1001	-12.88	21.93	40.00	18.07
5	70.7808	-14.41	24.54	40.00	15.46
6	915.5255	0.09	24.45	46.00	21.55

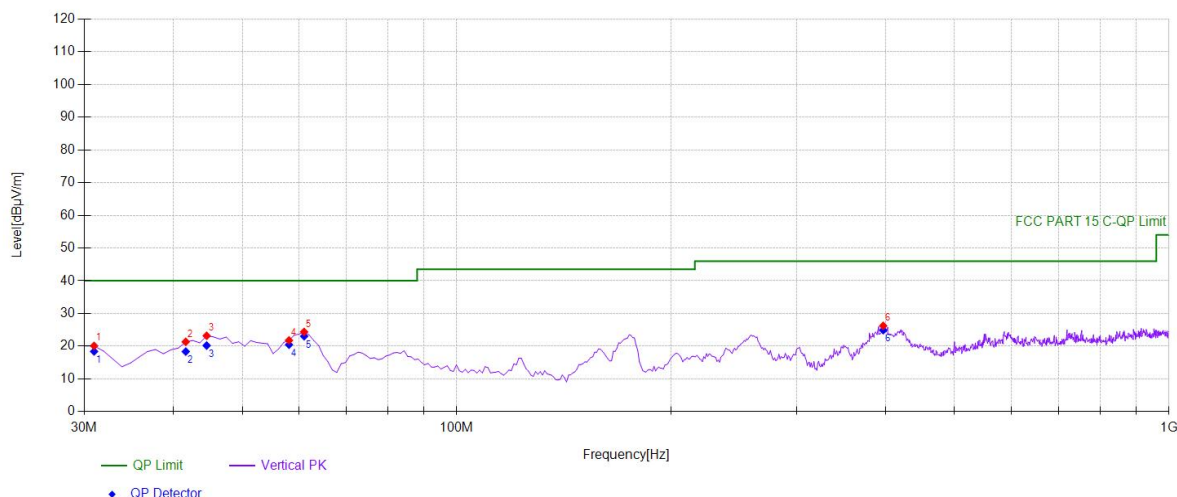
Mode:	BT 2402
Environment:	Temp: 25°C; Humi:60%



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	260.1201	38.99	-11.04	27.95	PK	46.00	18.05	Horizontal
2	264.004	38.42	-10.87	27.55	PK	46.00	18.45	Horizontal
3	356.2462	38.24	-7.95	30.29	PK	46.00	15.71	Horizontal
4	368.8689	33.69	-7.74	25.95	PK	46.00	20.05	Horizontal
5	797.0671	35.74	-2.48	33.26	PK	46.00	12.74	Horizontal
6	864.0641	29.08	-0.59	28.49	PK	46.00	17.51	Horizontal

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	260.1201	-11.04	25.76	46.00	20.24
2	264.004	-10.87	25.03	46.00	20.97
3	356.2462	-7.95	27.77	46.00	18.23
4	368.8689	-7.74	24.15	46.00	21.85
5	797.0671	-2.48	31.13	46.00	14.87
6	864.0641	-0.59	26.36	46.00	19.64

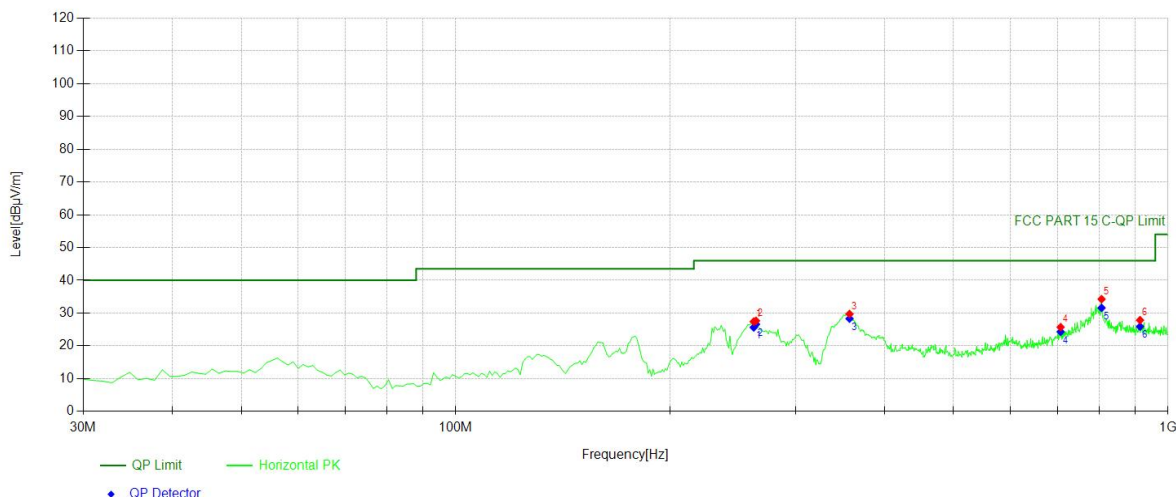
Mode:	BT 2441
Environment:	Temp: 25°C; Humi:60%



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	30.971	34.14	-14.02	20.12	PK	40.00	19.88	Vertical
2	41.6517	33.92	-12.57	21.35	PK	40.00	18.65	Vertical
3	44.5646	35.38	-12.18	23.20	PK	40.00	16.80	Vertical
4	58.1582	34.39	-12.60	21.79	PK	40.00	18.21	Vertical
5	61.0711	37.39	-13.01	24.38	PK	40.00	15.62	Vertical
6	397.027	33.55	-7.32	26.23	PK	46.00	19.77	Vertical

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	30.971	-14.02	18.41	40.00	21.59
2	41.6517	-12.57	18.36	40.00	21.64
3	44.5646	-12.18	20.21	40.00	19.79
4	58.1582	-12.60	20.47	40.00	19.53
5	61.0711	-13.01	23.06	40.00	16.94
6	397.027	-7.32	24.91	46.00	21.09

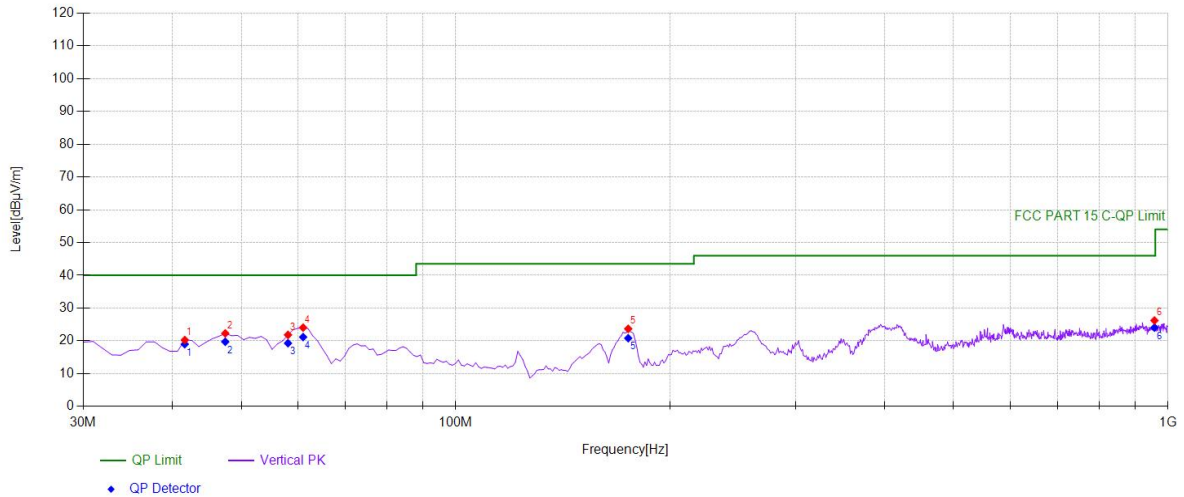
Mode:	BT 2441
Environment:	Temp: 25°C; Humi:60%



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	262.0621	38.38	-10.96	27.42	PK	46.00	18.58	Horizontal
2	264.004	38.53	-10.87	27.66	PK	46.00	18.34	Horizontal
3	357.2172	37.69	-7.96	29.73	PK	46.00	16.27	Horizontal
4	706.7668	28.67	-2.96	25.71	PK	46.00	20.29	Horizontal
5	806.7768	36.47	-2.20	34.27	PK	46.00	11.73	Horizontal
6	913.5836	27.81	0.05	27.86	PK	46.00	18.14	Horizontal

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	262.0621	-10.96	25.63	46.00	20.37
2	264.004	-10.87	26.58	46.00	19.42
3	357.2172	-7.96	28.33	46.00	17.67
4	706.7668	-2.96	24.31	46.00	21.69
5	806.7768	-2.20	31.59	46.00	14.41
6	913.5836	0.05	25.89	46.00	20.11

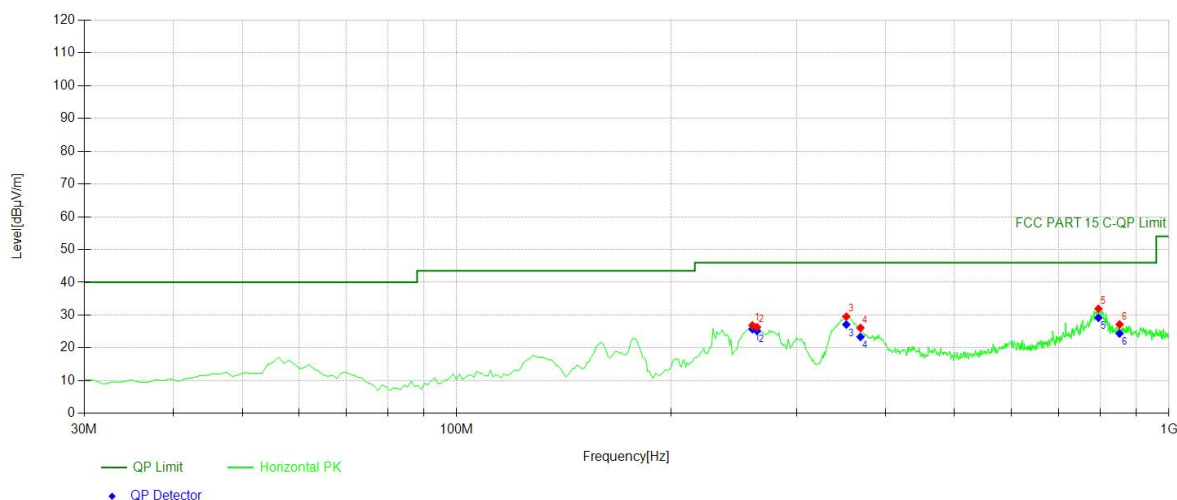
Mode:	BT 2480
Environment:	Temp: 25°C; Humi:60%



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	41.6517	32.84	-12.57	20.27	PK	40.00	19.73	Vertical
2	47.4775	34.09	-11.80	22.29	PK	40.00	17.71	Vertical
3	58.1582	34.44	-12.60	21.84	PK	40.00	18.16	Vertical
4	61.0711	37.06	-13.01	24.05	PK	40.00	15.95	Vertical
5	174.6747	38.10	-14.40	23.70	PK	43.50	19.80	Vertical
6	957.2773	25.70	0.53	26.23	PK	46.00	19.77	Vertical

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	41.6517	-12.57	19.00	40.00	21.00
2	47.4775	-11.80	19.74	40.00	20.26
3	58.1582	-12.60	19.29	40.00	20.71
4	61.0711	-13.01	21.17	40.00	18.83
5	174.6747	-14.40	20.82	43.50	22.68
6	957.2773	0.53	24.07	46.00	21.93

Mode:	BT 2480
Environment:	Temp: 25°C; Humi:60%



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	260.1201	37.90	-11.04	26.86	PK	46.00	19.14	Horizontal
2	264.004	37.20	-10.87	26.33	PK	46.00	19.67	Horizontal
3	352.3624	37.48	-7.93	29.55	PK	46.00	16.45	Horizontal
4	368.8689	33.84	-7.74	26.10	PK	46.00	19.90	Horizontal
5	796.0961	34.50	-2.56	31.94	PK	46.00	14.06	Horizontal
6	852.4124	28.06	-0.90	27.16	PK	46.00	18.84	Horizontal

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	260.1201	-11.04	25.72	46.00	20.28
2	264.004	-10.87	25.19	46.00	20.81
3	352.3624	-7.93	27.13	46.00	18.87
4	368.8689	-7.74	23.35	46.00	22.65
5	796.0961	-2.56	29.19	46.00	16.81
6	852.4124	-0.90	24.41	46.00	21.59

9.8 CONDUCTED EMISSION TEST

9.8.1 Applicable Standard

According to FCC Part 15.207
According to IC RSS-Gen 8.8

9.8.2 Conformance Limit

Conducted Emission Limit		
Frequency(MHz)	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50
Note: 1. The lower limit shall apply at the transition frequencies 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.		

9.8.3 Test Configuration

Test according to clause 7.3 conducted emission test setup

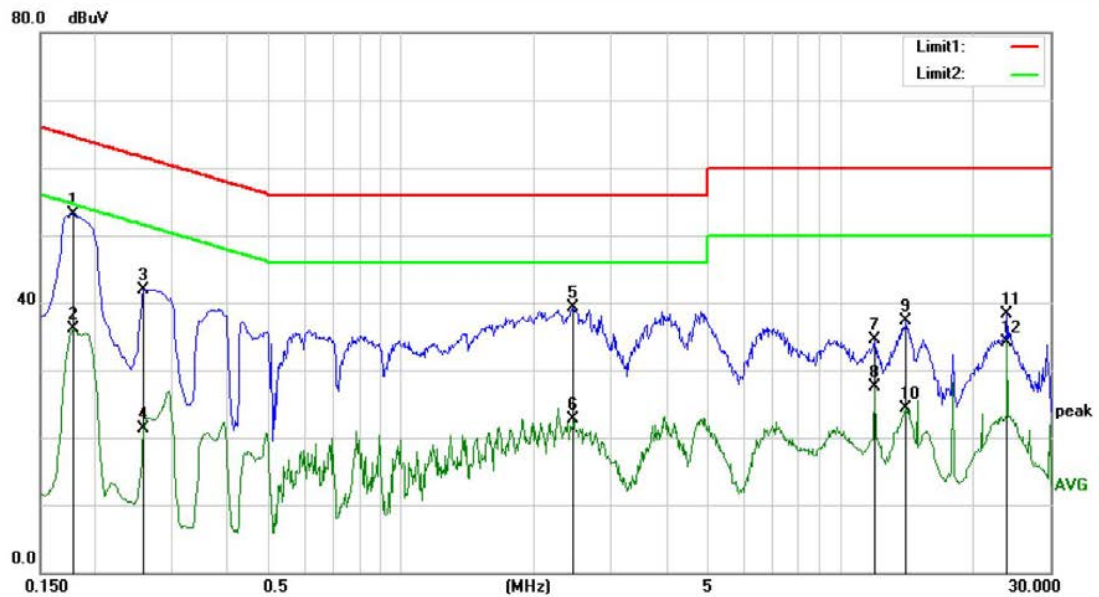
9.8.4 Test Procedure

The EUT was placed on a table which is 0.8m above ground plane.
Maximum procedure was performed on the highest emissions to ensure EUT compliance.
Repeat above procedures until all frequency measured were complete.

9.8.5 Test Results

Pass

The AC120V &240V voltage have been tested, and the worst result recorded was report as below:



Site Conduction #1

Phase: **L1**

Temperature: 24.2

Limit: (CE)FCC PART 15 class B_QP

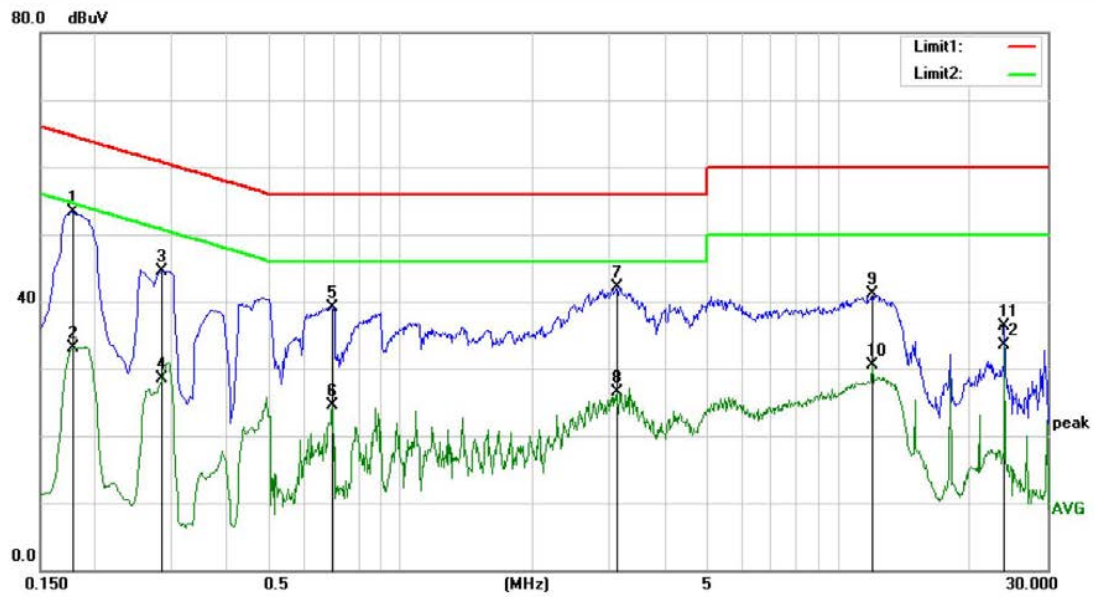
Power: AC 120V/60Hz

Humidity: 54 %

Mode: BT mode

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1780	43.37	9.72	53.09	64.58	-11.49	QP	
2		0.1780	26.39	9.72	36.11	54.58	-18.47	AVG	
3		0.2580	32.26	9.70	41.96	61.50	-19.54	QP	
4		0.2580	11.68	9.70	21.38	51.50	-30.12	AVG	
5		2.4540	29.64	9.68	39.32	56.00	-16.68	QP	
6		2.4540	13.09	9.68	22.77	46.00	-23.23	AVG	
7		11.9700	24.54	9.99	34.53	60.00	-25.47	QP	
8		11.9700	17.42	9.99	27.41	50.00	-22.59	AVG	
9		14.0540	27.31	10.05	37.36	60.00	-22.64	QP	
10		14.0540	14.21	10.05	24.26	50.00	-25.74	AVG	
11		23.9380	28.04	10.21	38.25	60.00	-21.75	QP	
12		23.9380	23.89	10.21	34.10	50.00	-15.90	AVG	



Site: Conduction #1
 Limit: (CE)FCC PART 15 class B_QP
 Mode: BT mode
 Note:

Phase: **N**
 Power: AC 120V/60Hz

Temperature: 24.2
 Humidity: 54 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1780	43.64	9.64	53.28	64.58	-11.30	QP	
2		0.1780	23.38	9.64	33.02	54.58	-21.56	AVG	
3		0.2860	34.95	9.65	44.60	60.64	-16.04	QP	
4		0.2860	18.80	9.65	28.45	50.64	-22.19	AVG	
5		0.6980	29.49	9.65	39.14	56.00	-16.86	QP	
6		0.6980	14.84	9.65	24.49	46.00	-21.51	AVG	
7		3.1380	32.47	9.68	42.15	56.00	-13.85	QP	
8		3.1380	16.82	9.68	26.50	46.00	-19.50	AVG	
9		11.9700	31.21	9.96	41.17	60.00	-18.83	QP	
10		11.9700	20.53	9.96	30.49	50.00	-19.51	AVG	
11		23.9340	26.22	10.17	36.39	60.00	-23.61	QP	
12		23.9340	23.31	10.17	33.48	50.00	-16.52	AVG	

9.9 ANTENNA APPLICATION

9.9.1 Antenna Requirement

Standard	Requirement
FCC CRF Part15.203	An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.
FCC 47 CFR Part 15.247 (b)	If transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.
RSS-Gen Section 6.8	The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.
RSS-247 Section 5.4	If the transmitter employs an antenna system that emits multiple directional beams, but does not emit multiple directional beams simultaneously, the total output power conducted to the array or arrays that comprise the device (i.e. the sum of the power supplied to all antennas, antenna elements, staves, etc., and summed across all carriers or frequency channels) shall not exceed the applicable output power limit. However, the total conducted output power shall be reduced by 1 dB below the specified limits for each 3 dB that the directional gain of the antenna/antenna array exceeds 6 dBi. The directional antenna gain shall be computed as the sum of 10 log (number of array elements or staves) plus the directional gain of the element or staff having the highest gain.

9.9.2 Result

PASS.

- Note:
- ☒ Antenna use a permanently attached antenna which is not replaceable.
 - ☐ Not using a standard antenna jack or electrical connector for antenna replacement
 - ☐ The antenna has to be professionally installed (please provide method of installation)

Please refer to the attached document Internal Photos to show the antenna connector.

*** End of Report ***

10 APPENDIX PHOTOGRAPHS OF EUT

Please refer to the file of External Photo and Internal Photo.



11 APPENDIX PHOTOGRAPHS OF TEST SETUP

Please refer to the file of Test Setup Photo.



声 明 Statement

1. 本报告无授权批准人签字及“检验检测专用章”无效；

This report is invalid without the signature of the authorized approver and the "special seal for testing".

2. 未经许可本报告不得部分复制；

This report shall not be copied partly without authorization.

3. 本报告的检测结果仅对送测样品有效，委托方对样品的代表性和资料的真实性负责；

The test results or observations are applicable only to tested sample. Client shall be responsible for representativeness of the samples and the authenticity of the material.

4. 本检测报告中检测项目标注有特殊符号则该项目不在资质认定范围内，仅作为客户委托、科研、教学或内部质量控制等目的使用；

The observations or tests with special mark fall outside the scope of accreditation, and are only used for purpose of commission, research, training, internal quality control etc.

5. 本检测报告以实测值进行符合性判定，未考虑不确定度所带来的风险，本实验室不承担相关责任，特别约定、标准或规范中有明确规定的除外；

The test results or observations are provided in accordance with measured value, without taking risks caused by uncertainty into account. Without explicit stipulation in special agreements, standards or regulations, EMTEK shall not assume any responsibility.

6. 对本检验报告若有异议，请于收到报告之日起 20 日内提出。

Objections shall be raised within 20 days from the date receiving the report.