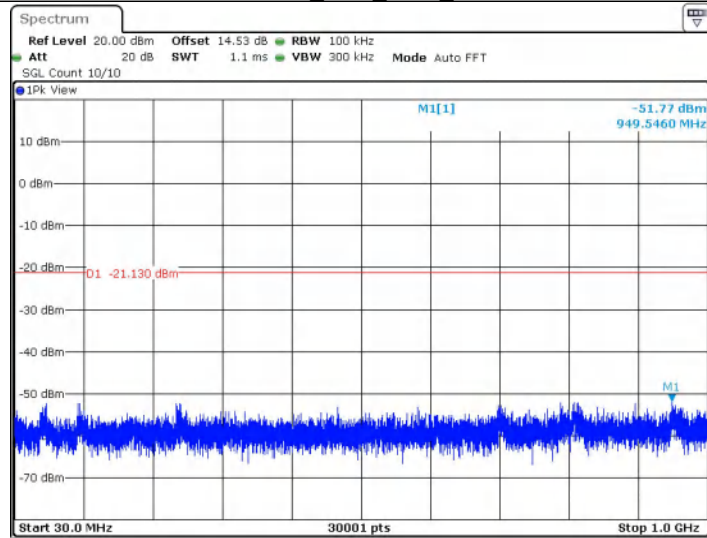
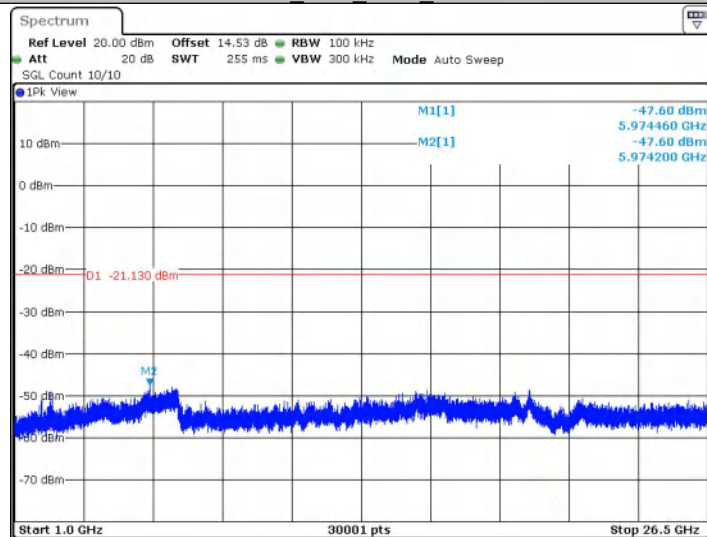


11N20MIMO Ant1 2462 30~1000



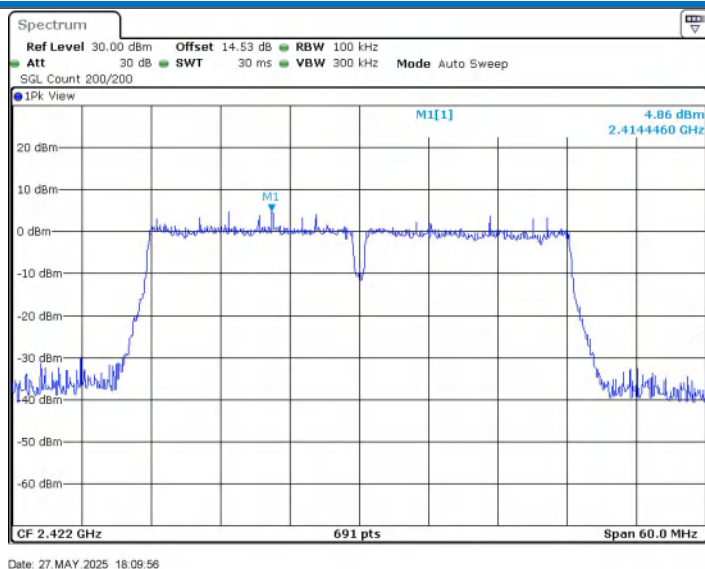
Date: 27 MAY 2025 18:07:28

11N20MIMO Ant1 2462 1000~26500

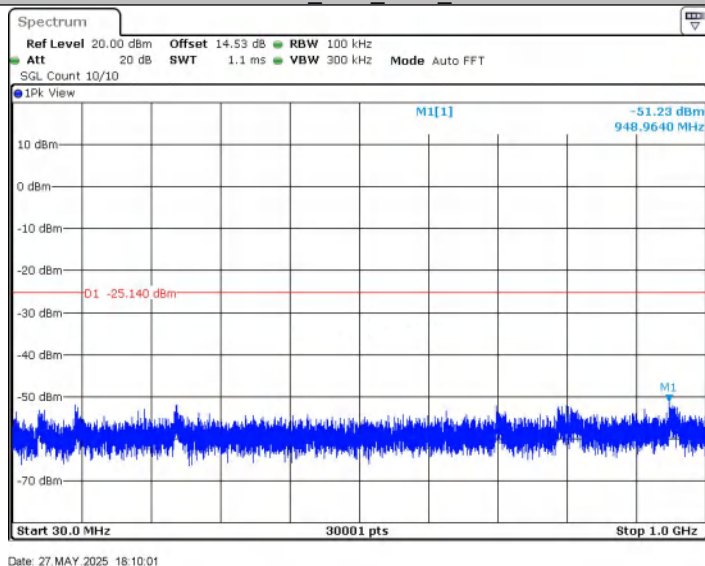


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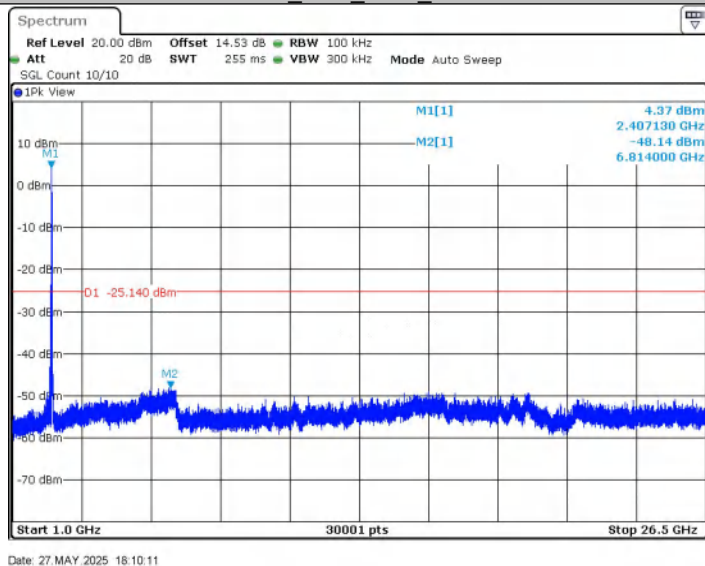
11N40MIMO Ant1 2422 0~Reference



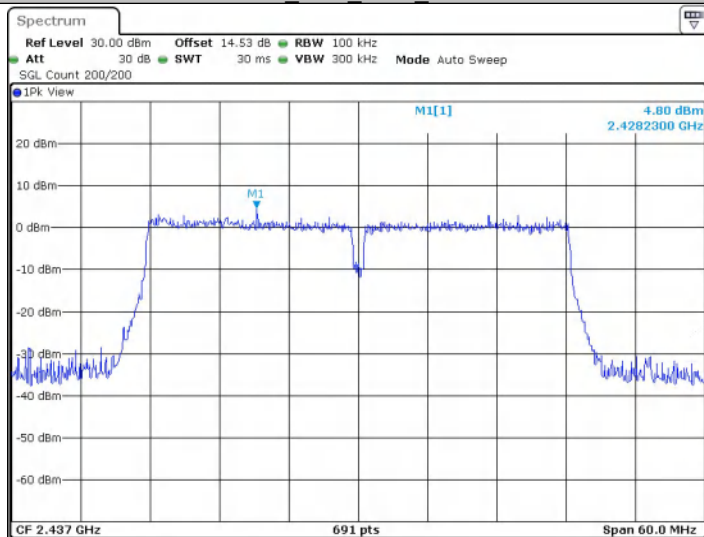
11N40MIMO_Ant1_2422_30~1000



11N40MIMO_Ant1_2422_1000~26500

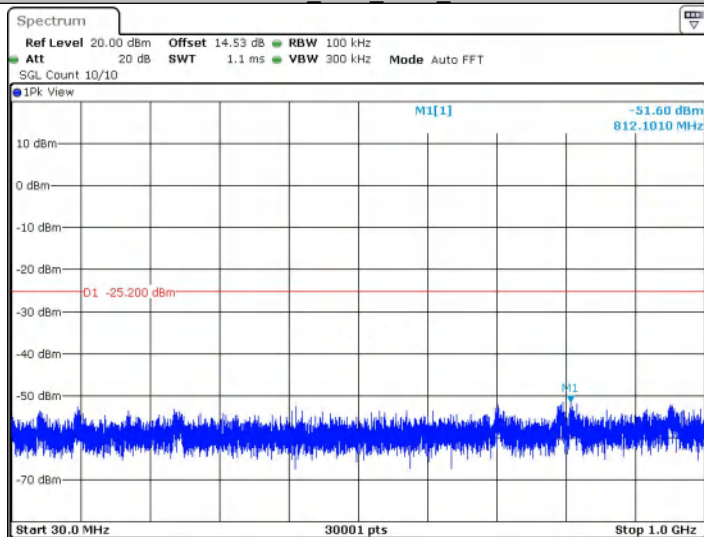


11N40MIMO_Ant1_2437_0~Reference



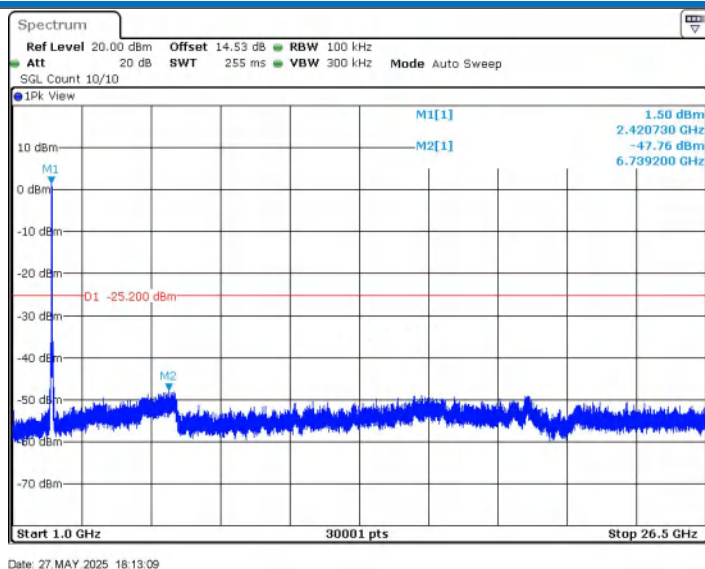
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11N40MIMO_Ant1_2437_30~1000

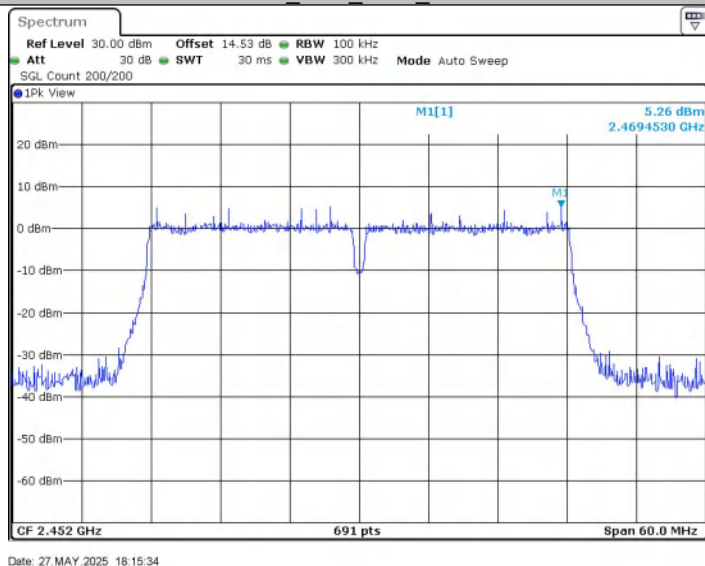


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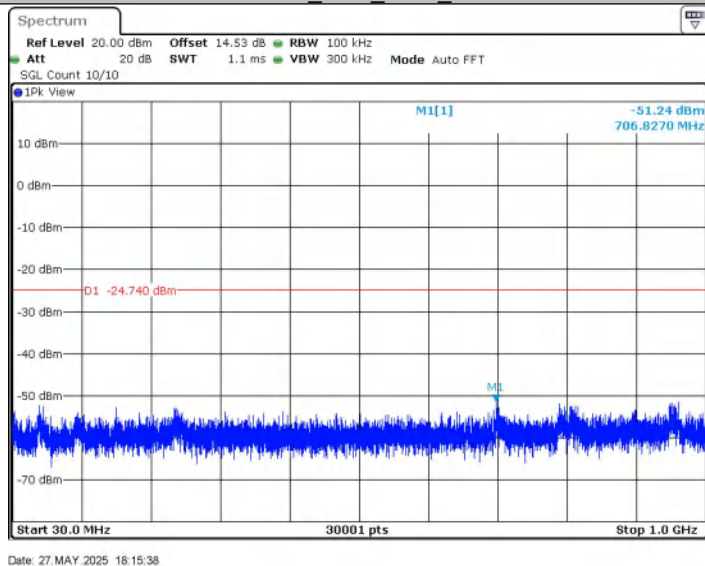
11N40MIMO_Ant1_2437_1000~26500



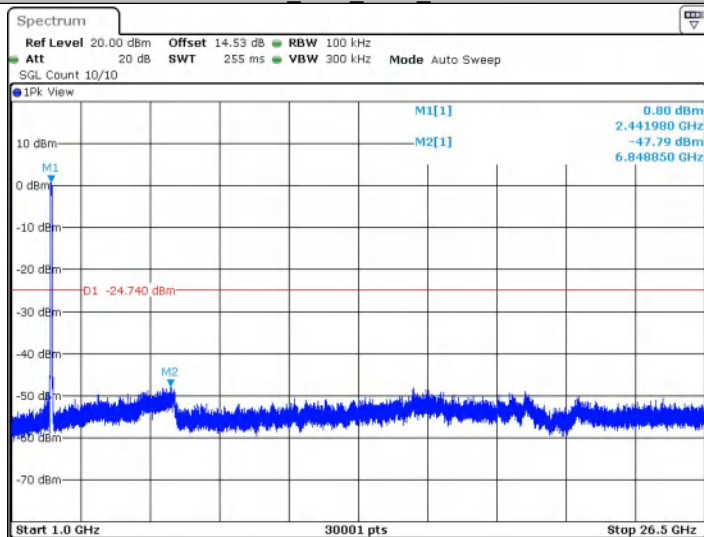
11N40MIMO_Ant1_2452_0~Reference



11N40MIMO_Ant1_2452_30~1000

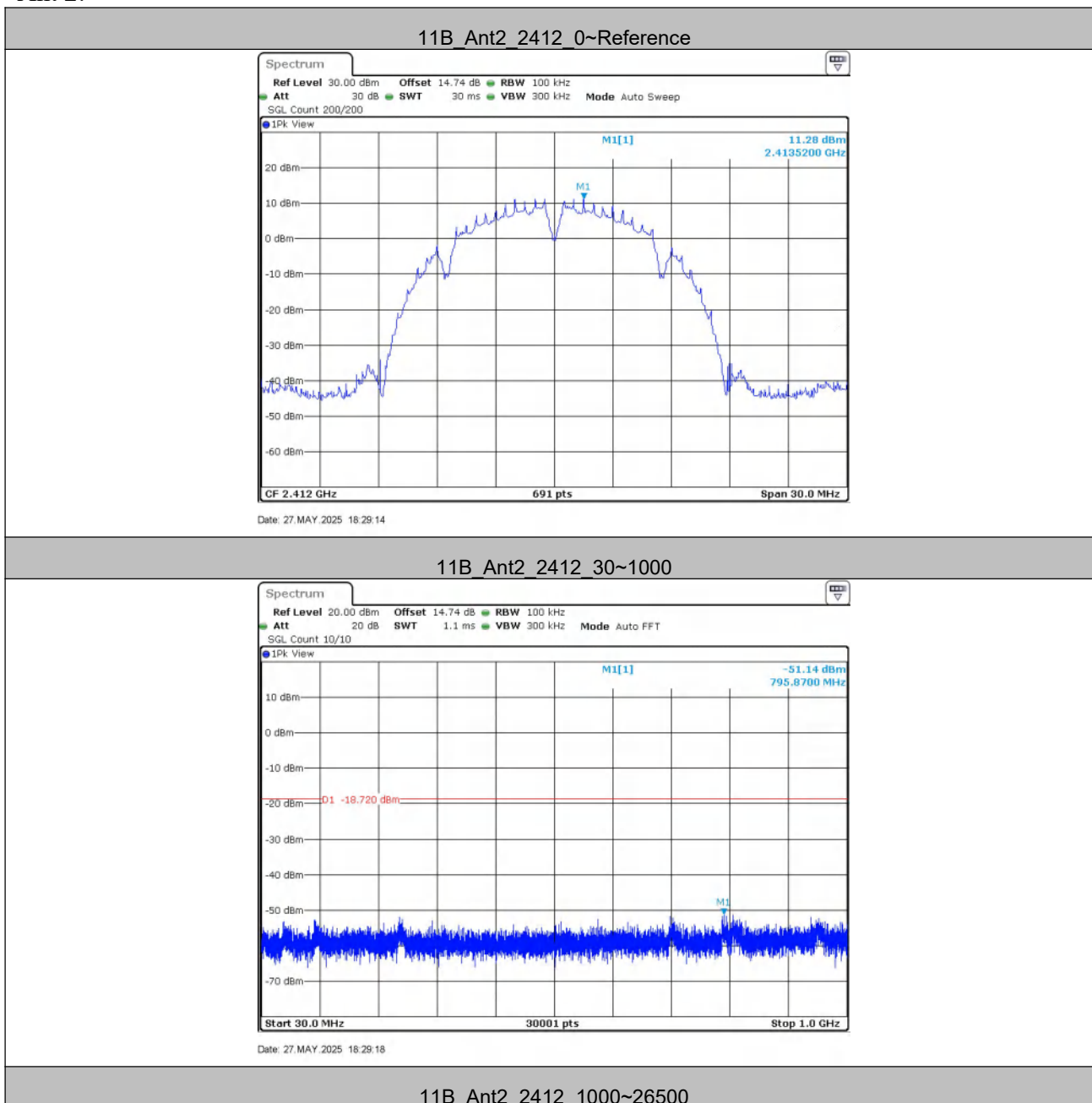


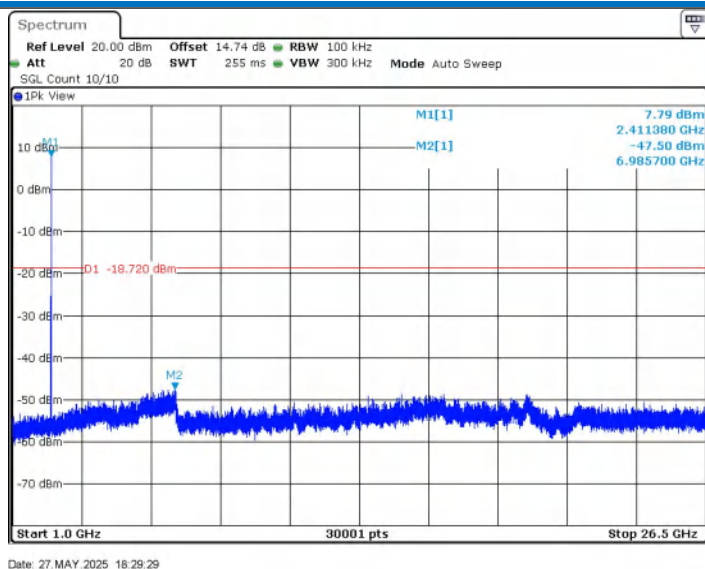
11N40MIMO_Ant1_2452_1000~26500



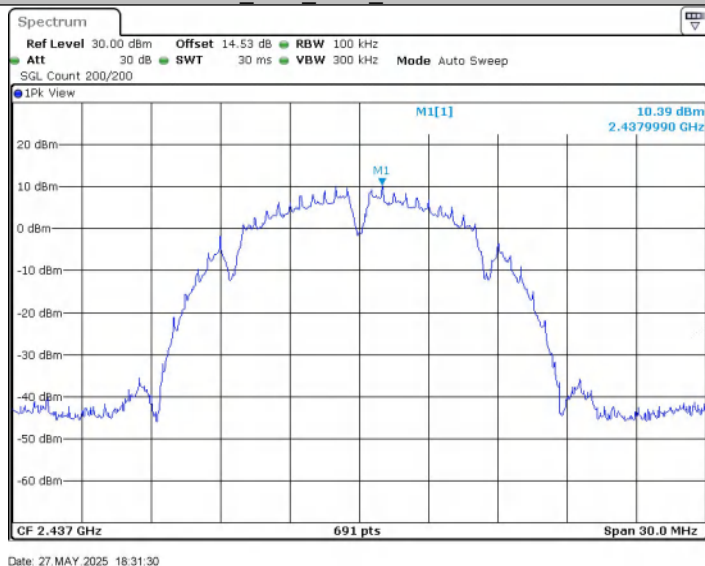
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Ant 2:

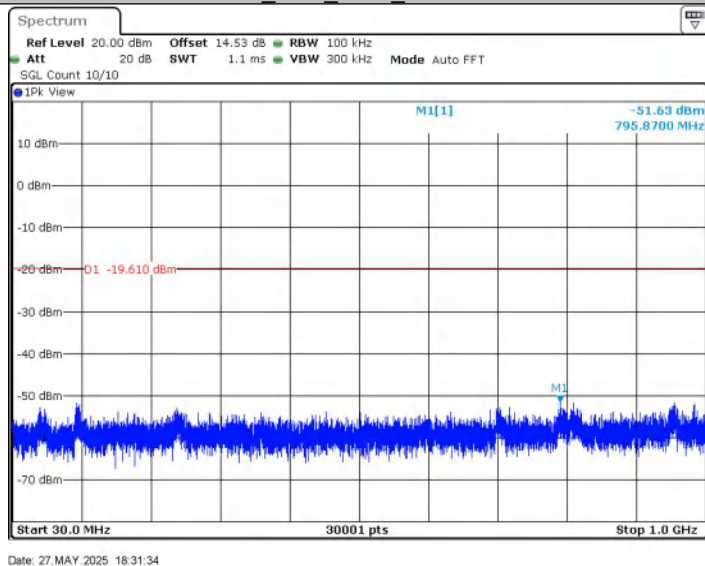




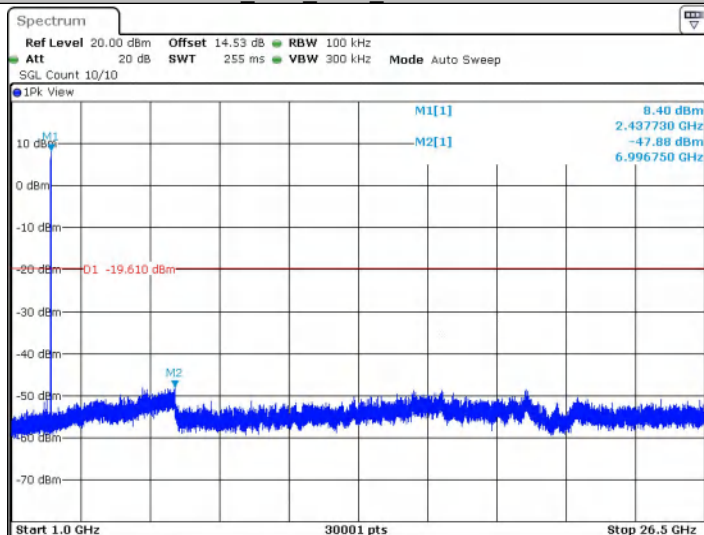
11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~1000

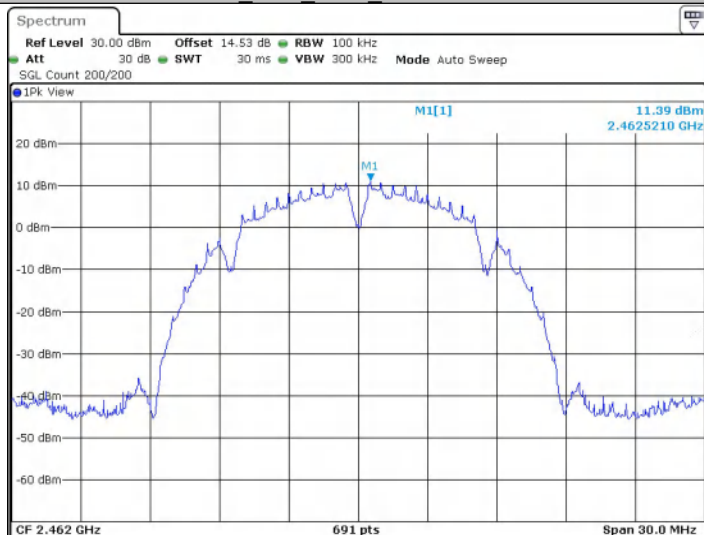


11B_Ant2_2437_1000~26500



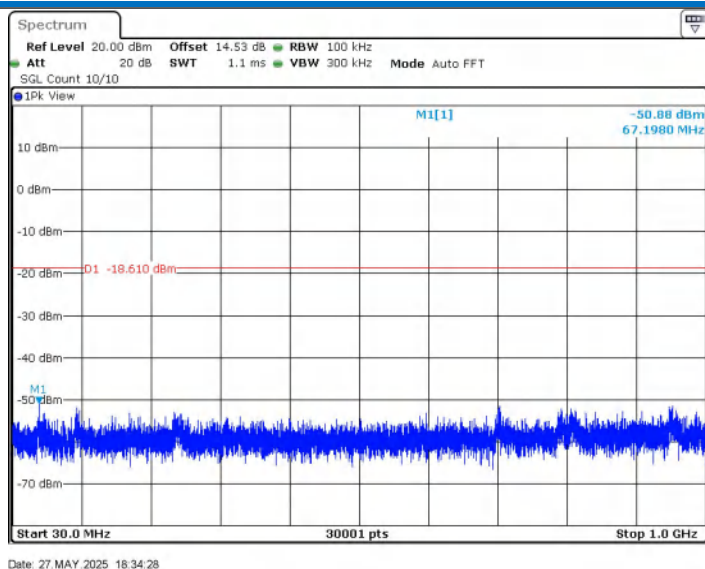
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11B_Ant2_2462_0~Reference

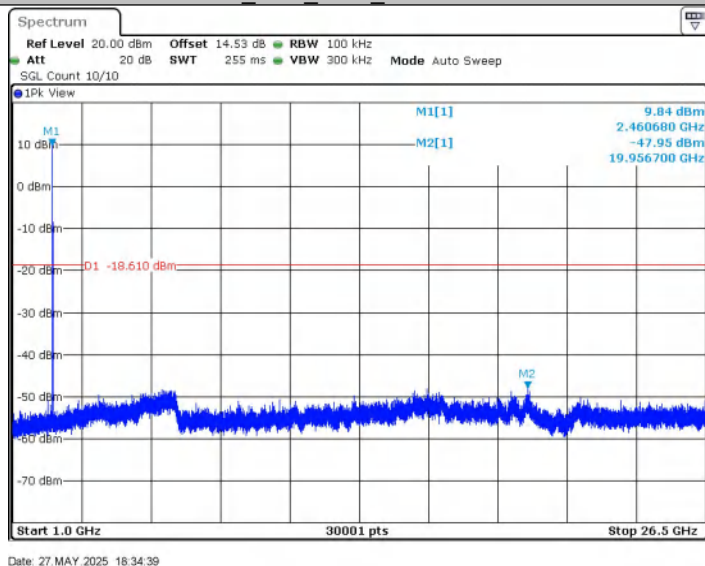


Date: 27 MAY 2025 18:34:24

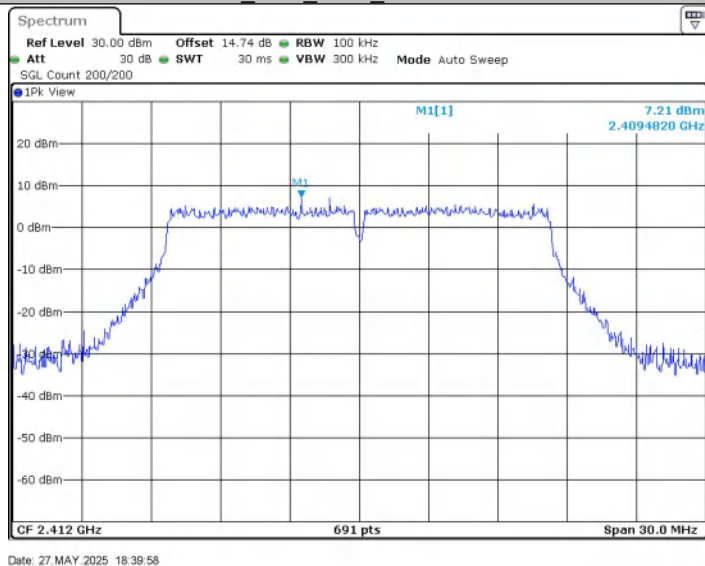
11B_Ant2_2462_30~1000



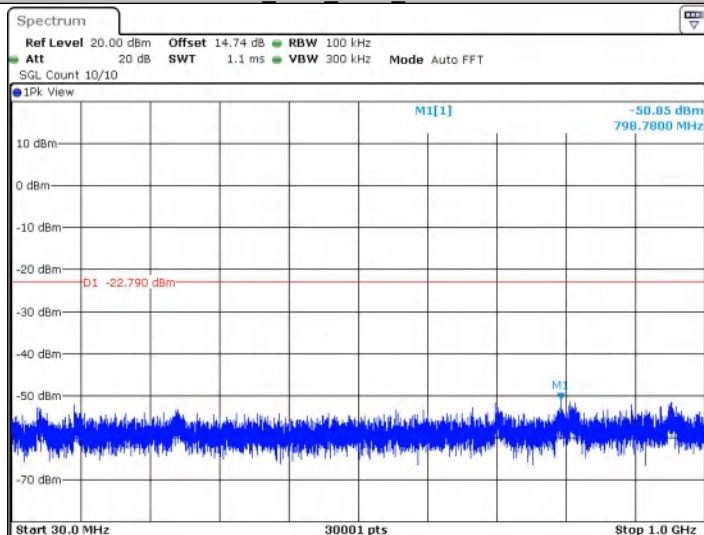
11B_Ant2_2462_1000~26500



11G_Ant2_2412_0~Reference

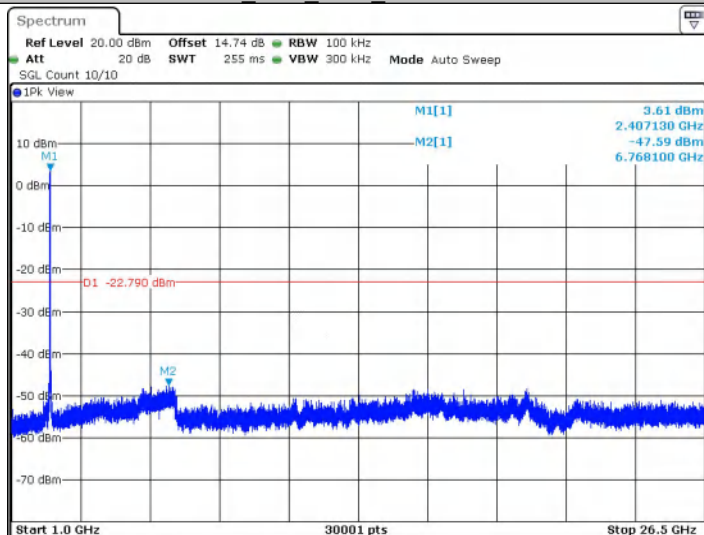


11G_Ant2_2412_30~1000



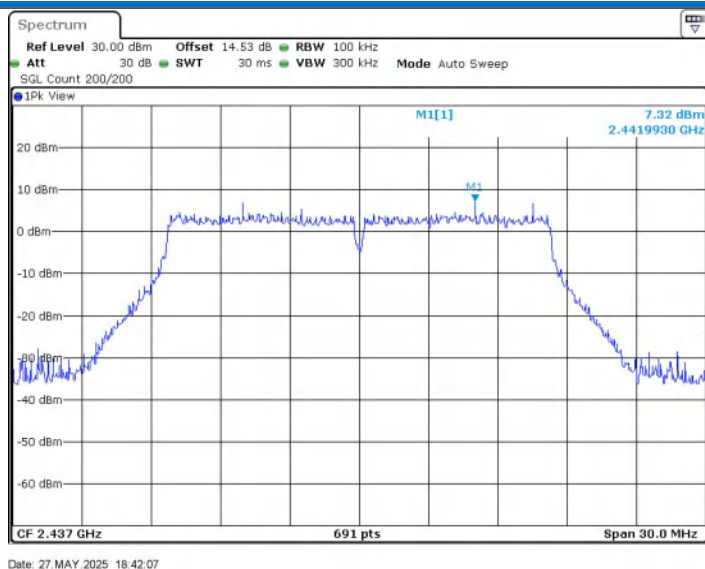
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11G_Ant2_2412_1000~26500

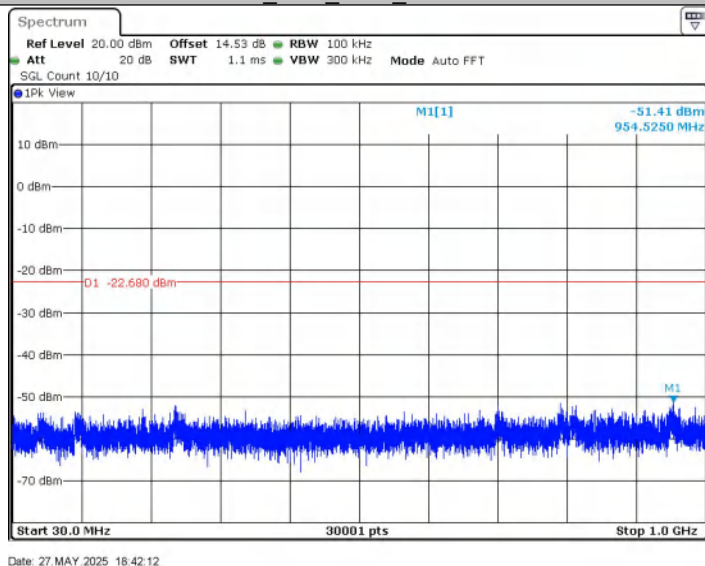


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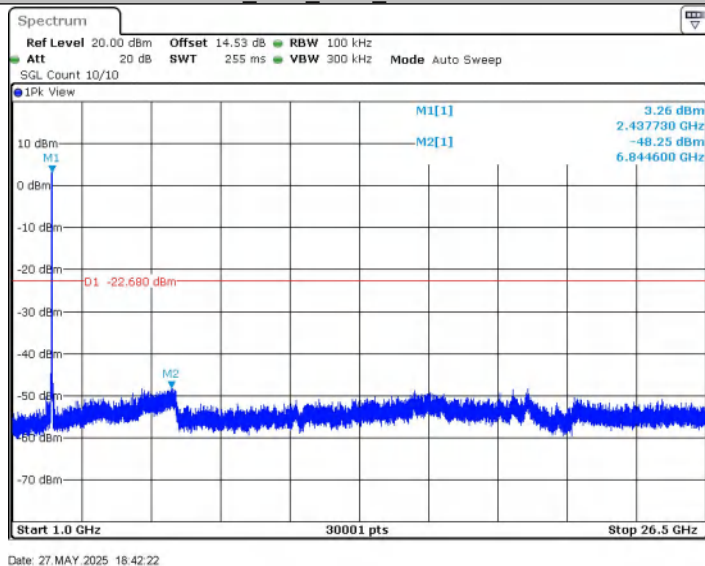
11G_Ant2_2437_0~Reference



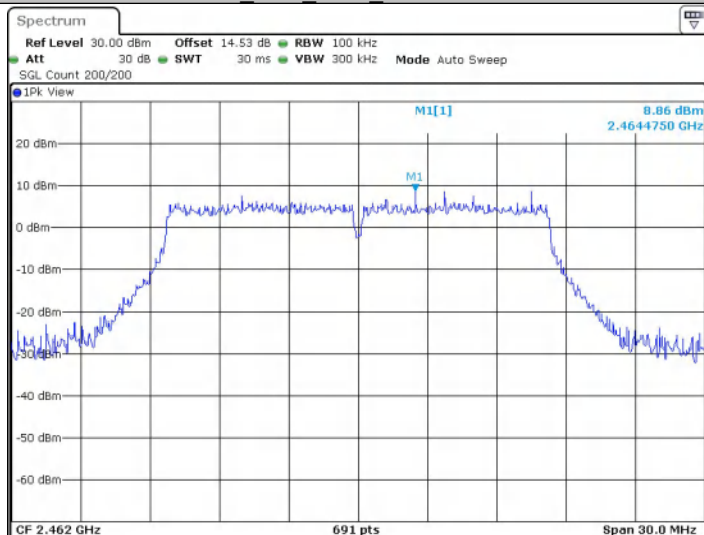
11G_Ant2_2437_30~1000



11G_Ant2_2437_1000~26500

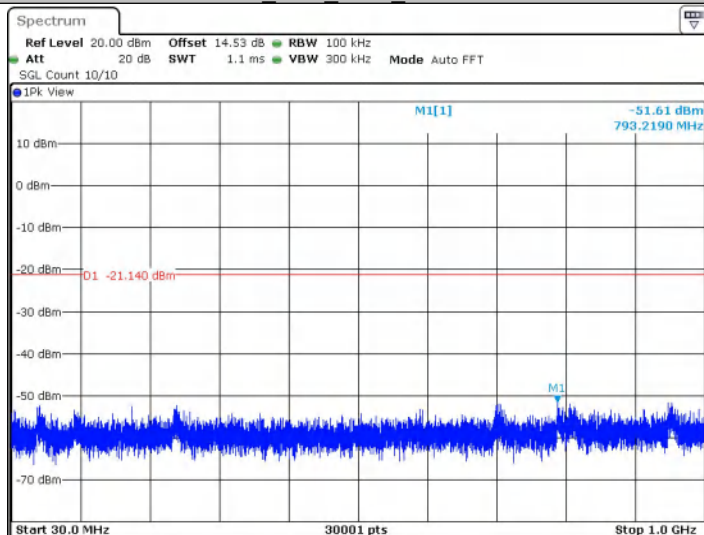


11G_Ant2_2462_0~Reference



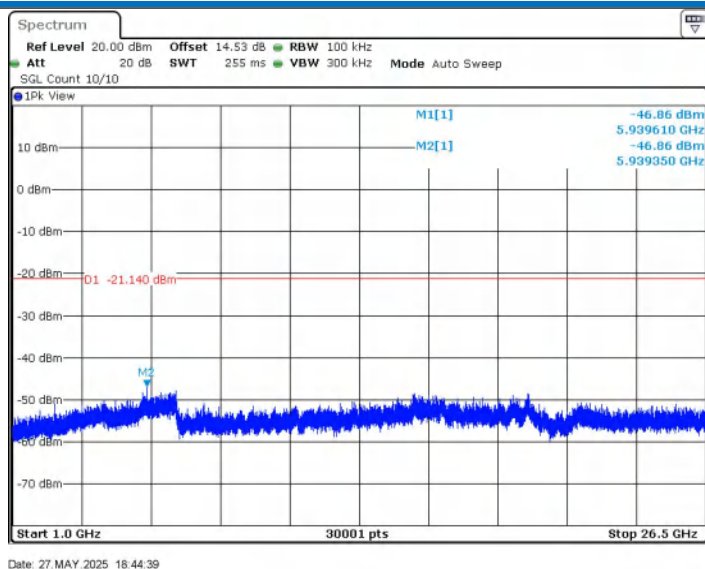
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11G_Ant2_2462_30~1000

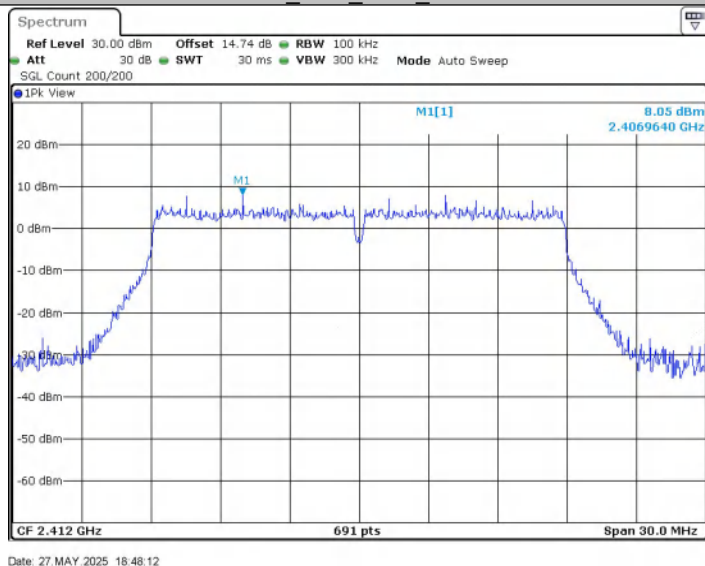


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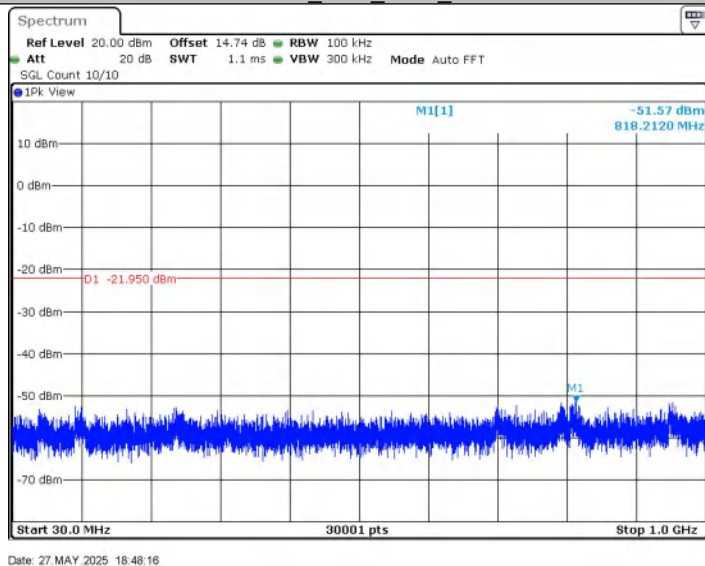
11G_Ant2_2462_1000~26500



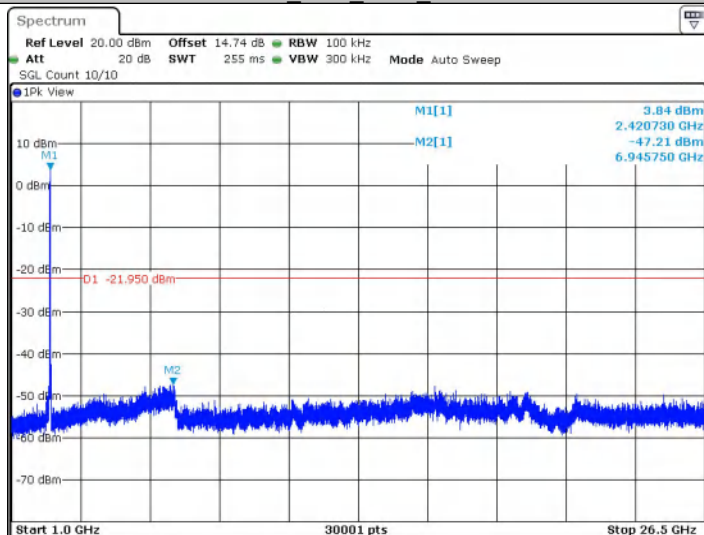
11N20MIMO_Ant2_2412_0~Reference



11N20MIMO_Ant2_2412_30~1000

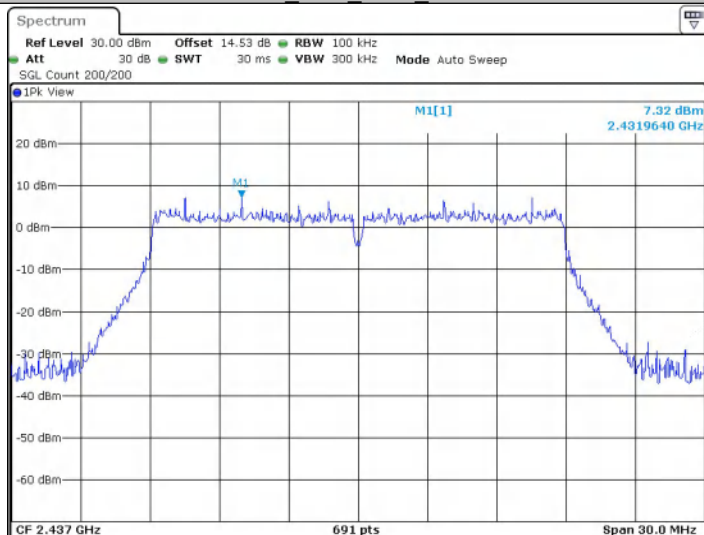


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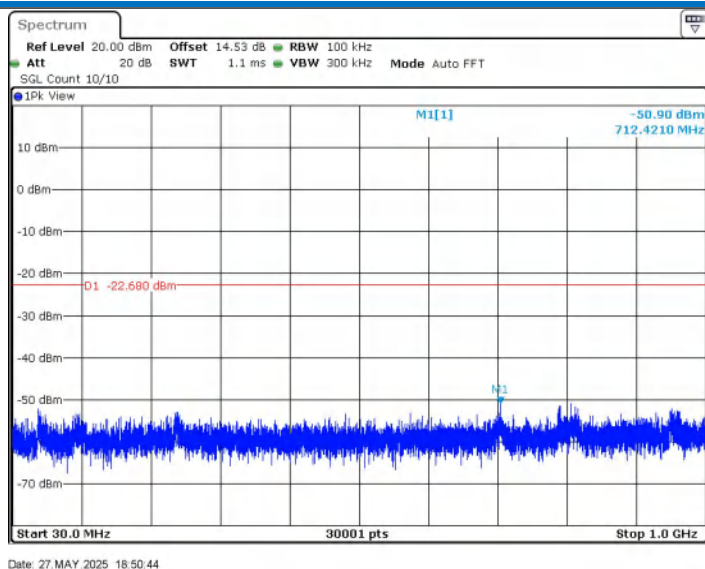
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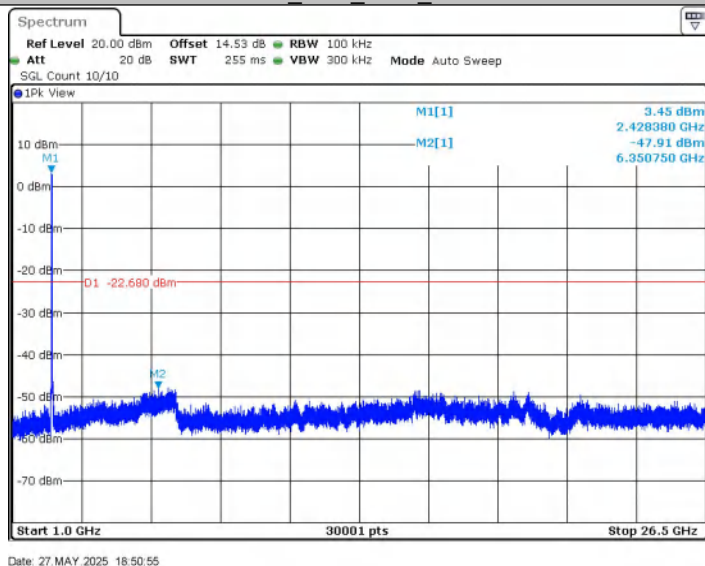


Date: 27. MAY 2025 18:50:40

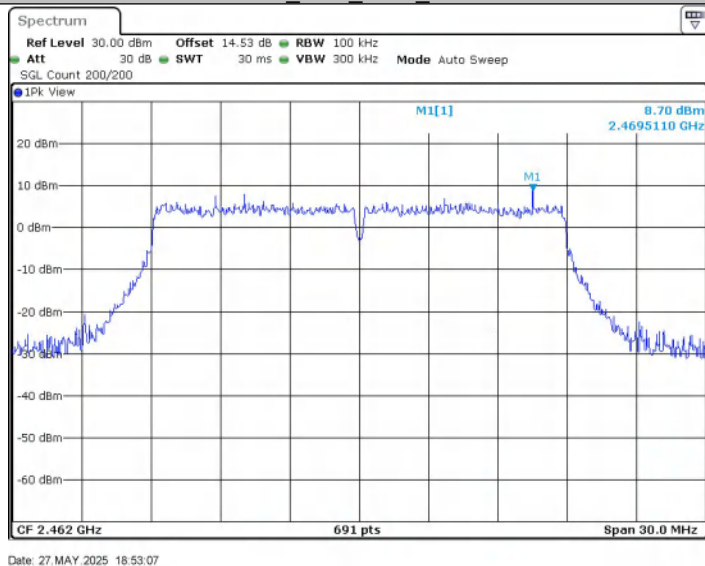
11N20MIMO_Ant2_2437_30~1000



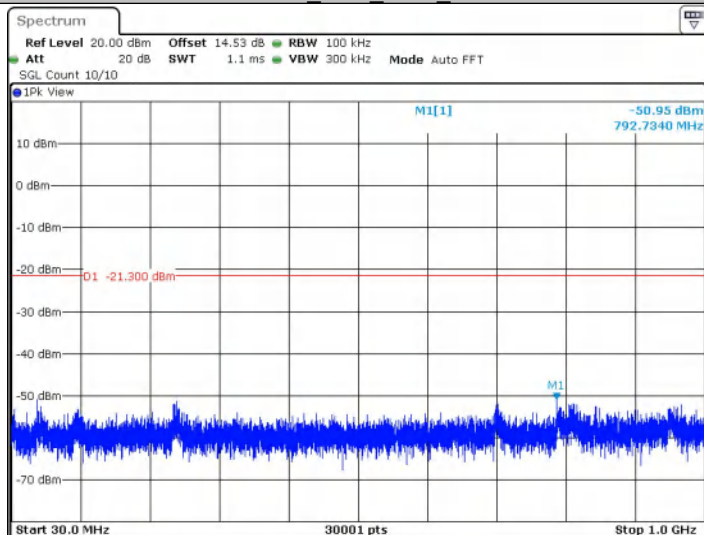
11N20MIMO_Ant2_2437_1000~26500



11N20MIMO_Ant2_2462_0~Reference

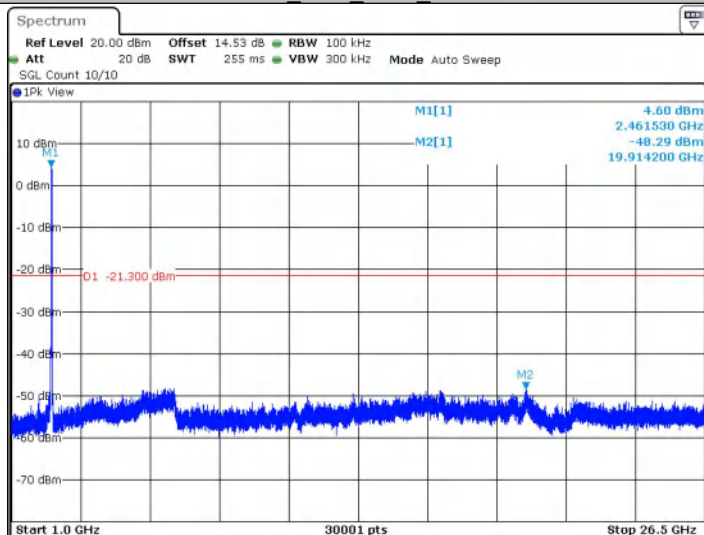


11N20MIMO Ant2 2462 30~1000



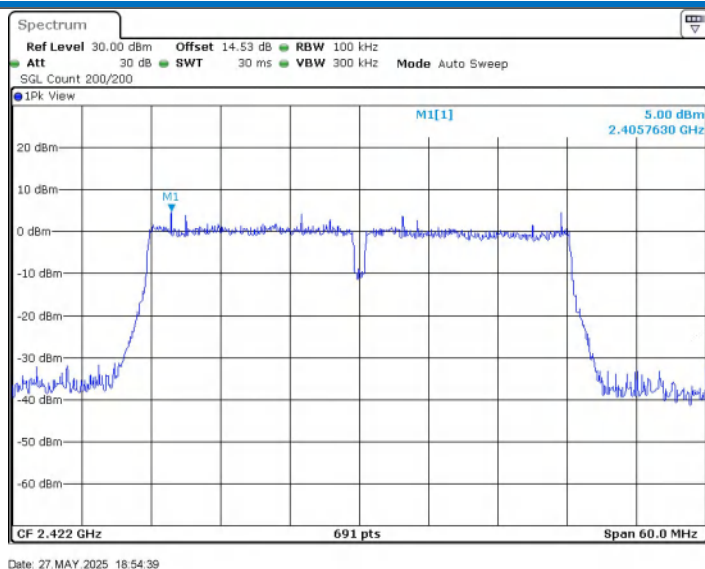
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11N20MIMO Ant2 2462 1000~26500

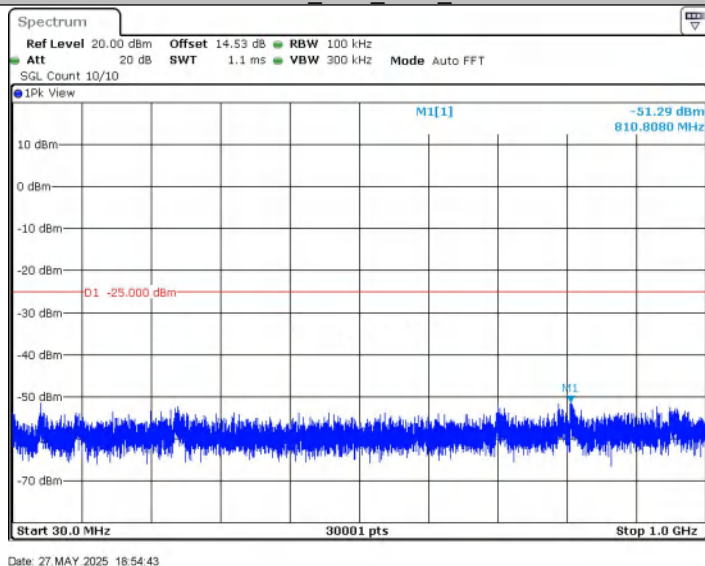


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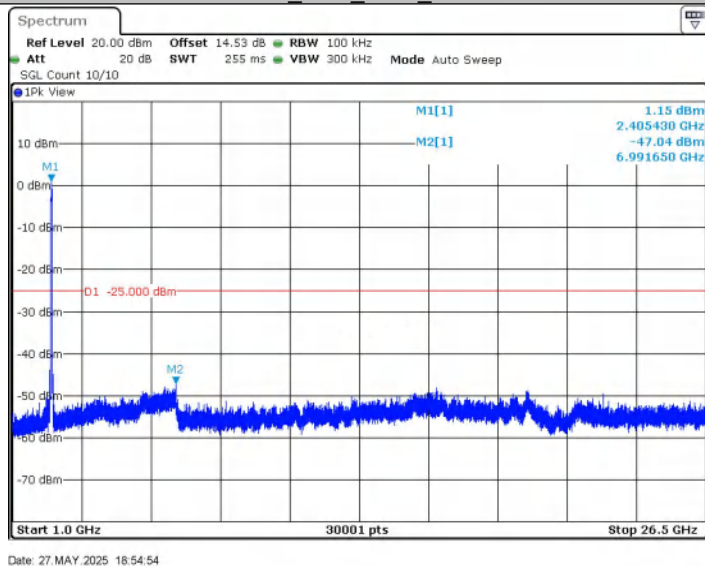
11N40MIMO Ant2 2422 0~Reference



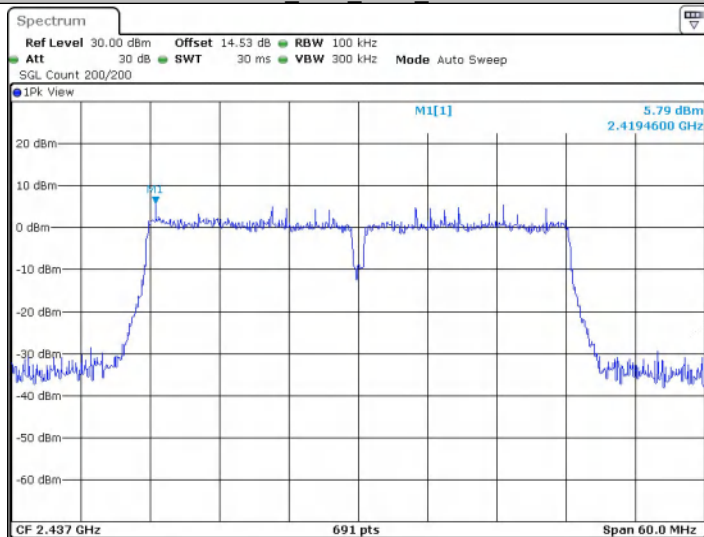
11N40MIMO_Ant2_2422_30~1000



11N40MIMO_Ant2_2422_1000~26500

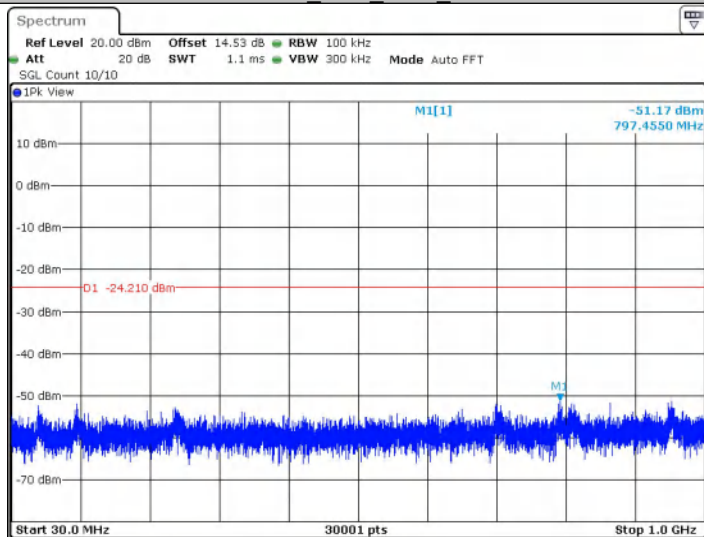


11N40MIMO_Ant2_2437_0~Reference



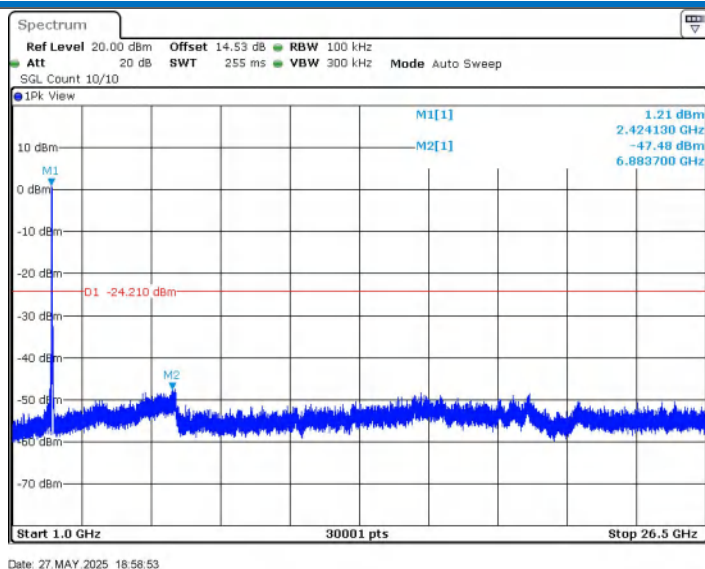
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11N40MIMO_Ant2_2437_30~1000

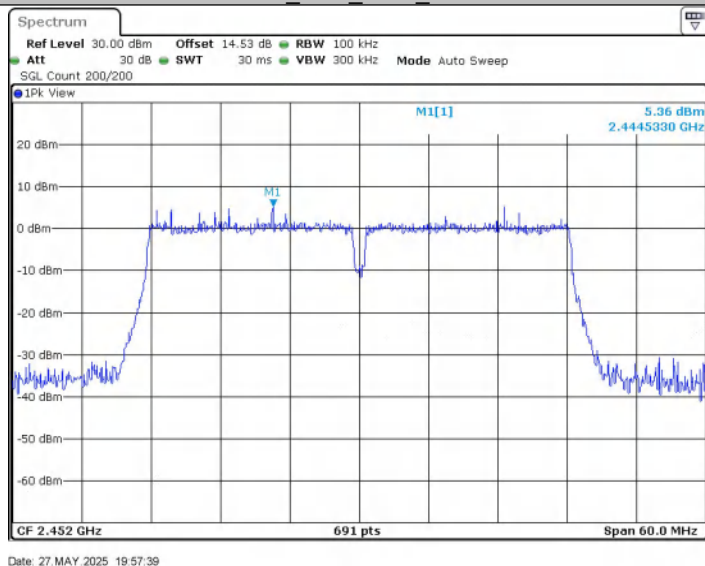


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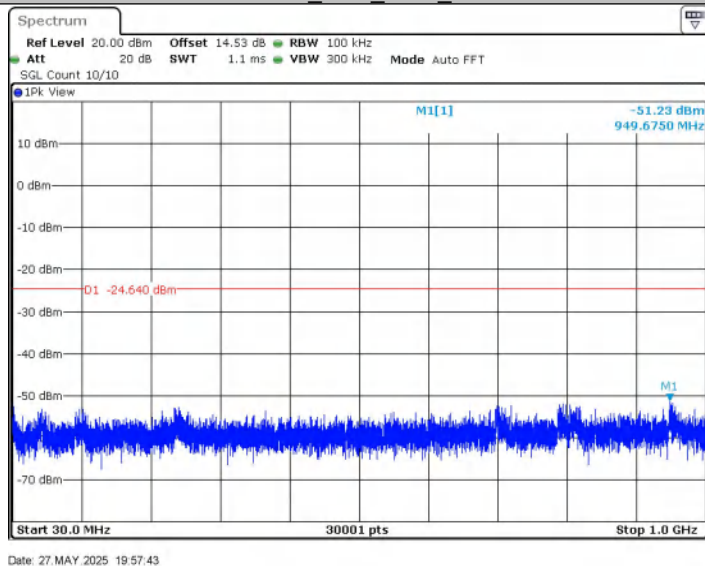
11N40MIMO_Ant2_2437_1000~26500

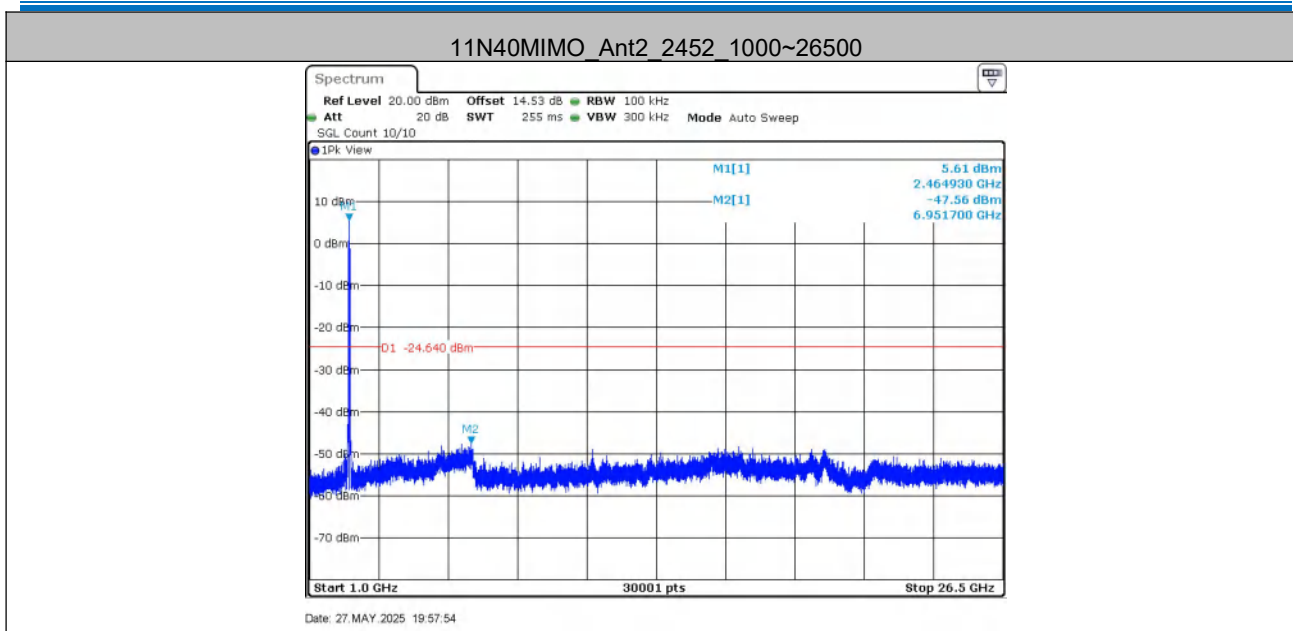


11N40MIMO_Ant2_2452_0~Reference



11N40MIMO_Ant2_2452_30~1000





Remark:

Pretest 9kHz to 25GHz, find the highest point when testing, so only the worst data were shown in the test report. Per FCC Part 15.33 (a) and 15.31 (o) ,The amplitude of spurious emissions from intentional radiators which are attenuated more than 20 dB below the permissible value need not be reported unless specifically required elsewhere in this part.

4.9 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.205				
Test Method:	ANSI C63.10 2020				
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)				
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	100 kHz	300kHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10Hz	Average
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz-30MHz	30	-	-	30
	30MHz-88MHz	100	40.0	Quasi-peak	3
	88MHz-216MHz	150	43.5	Quasi-peak	3
	216MHz-960MHz	200	46.0	Quasi-peak	3
	960MHz-1GHz	500	54.0	Quasi-peak	3
	Above 1GHz	500	54.0	Average	3
	Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.				

Test Setup:

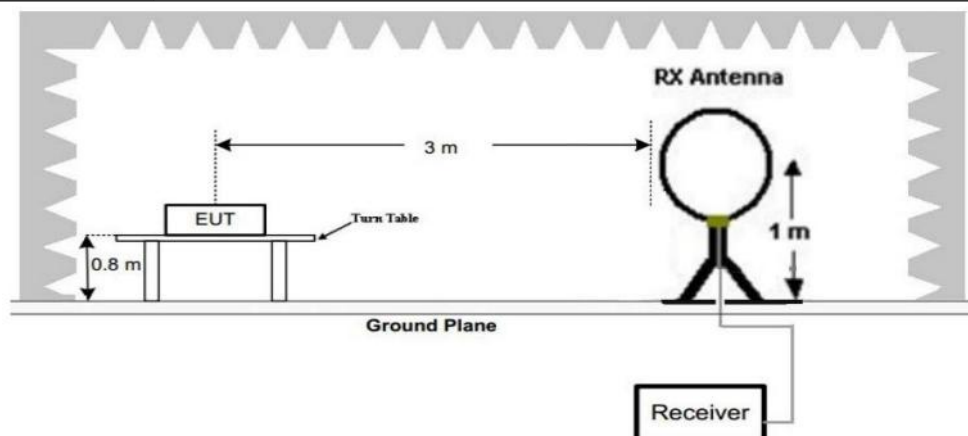


Figure 1. Below 30MHz

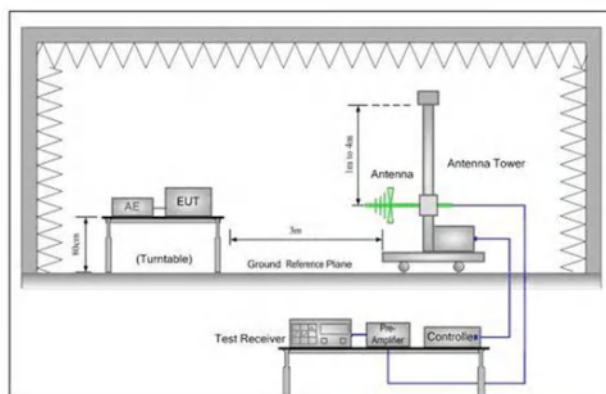


Figure 2. 30MHz to 1GHz

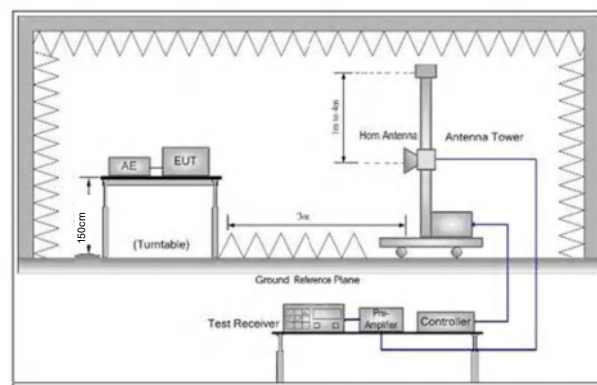


Figure 3. Above 1 GHz

Test Procedure:

- a. 1) Below 1G: The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
2) Above 1G: The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
Note: For the radiated emission test above 1GHz:
Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

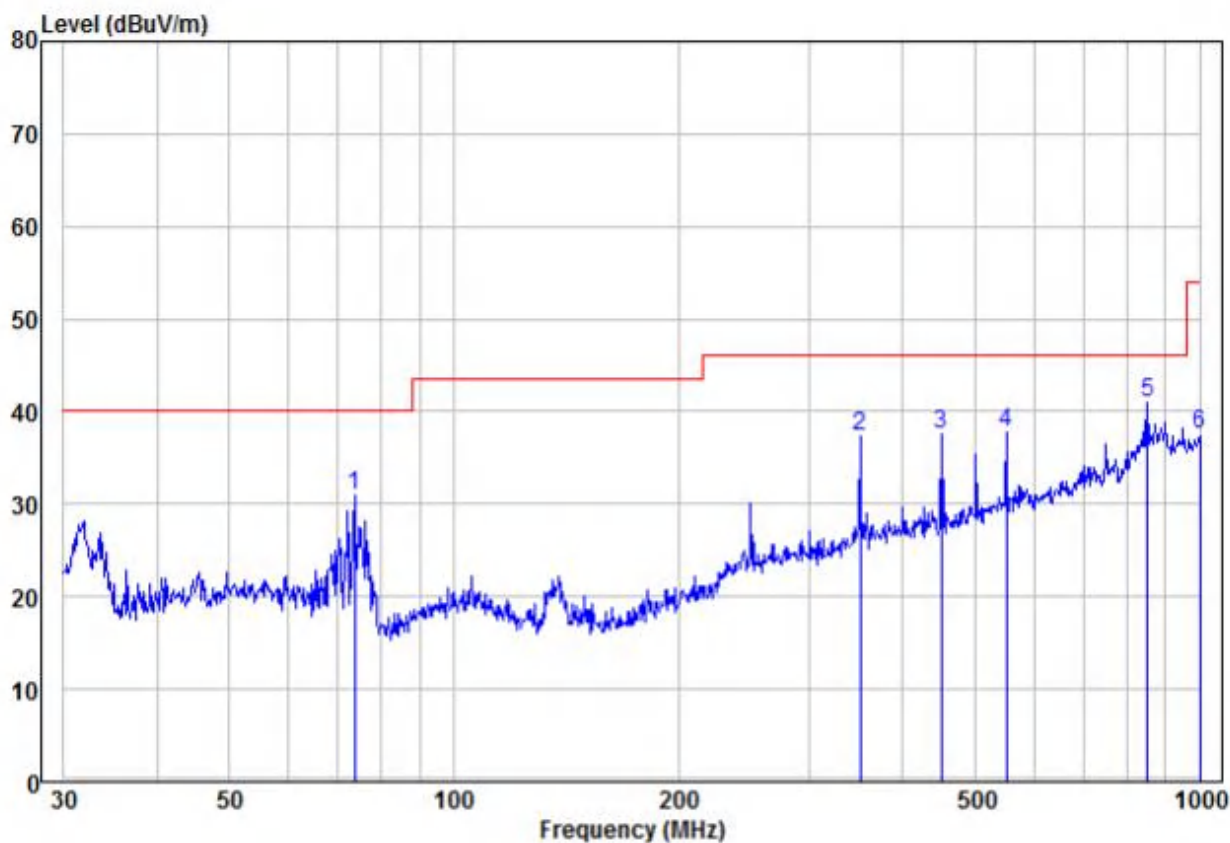
	d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. g. Test the EUT in the lowest channel, the middle channel, the Highest channel. h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case . i. Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates at lowest, middle and highest channel.
Final Test Mode:	Only the worst case is recorded in the report.
Test Results:	Pass

4.9.1 Radiated emission below 1GHz

Ant 1:

30MHz~1GHz

Vertical



	Freq	Read Level	Factor	Level	Limit	Over Limit	Remark	Pol/Phase	APos	TPos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB			cm	deg
1	73.62	21.92	8.94	30.86	40.00	-9.14	Peak	VERTICAL	100	11
2	350.48	19.25	18.15	37.40	46.00	-8.60	Peak	VERTICAL	100	350
3	451.14	18.03	19.46	37.49	46.00	-8.51	Peak	VERTICAL	100	317
4	550.95	16.21	21.63	37.84	46.00	-8.16	Peak	VERTICAL	100	263
5	pp 851.04	12.53	28.47	41.00	46.00	-5.00	Peak	VERTICAL	100	249
6	1000.00	9.30	28.30	37.60	54.00	-16.40	Peak	VERTICAL	100	209

Remark:

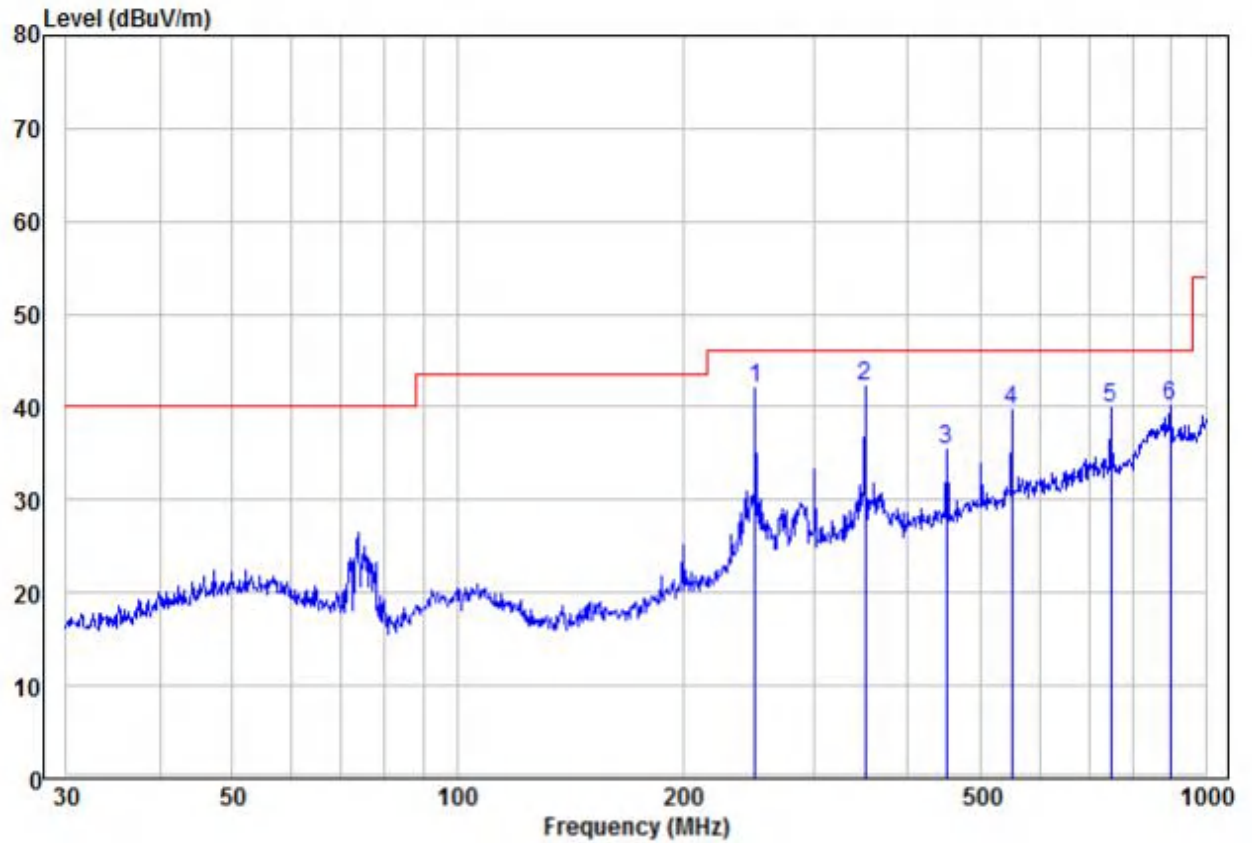
The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Factor= Antenna Factor + Cable Factor – Preamplifier Factor,

Level = Read Level + Factor,

Over Limit=Level-Limit Line.

Horizontal

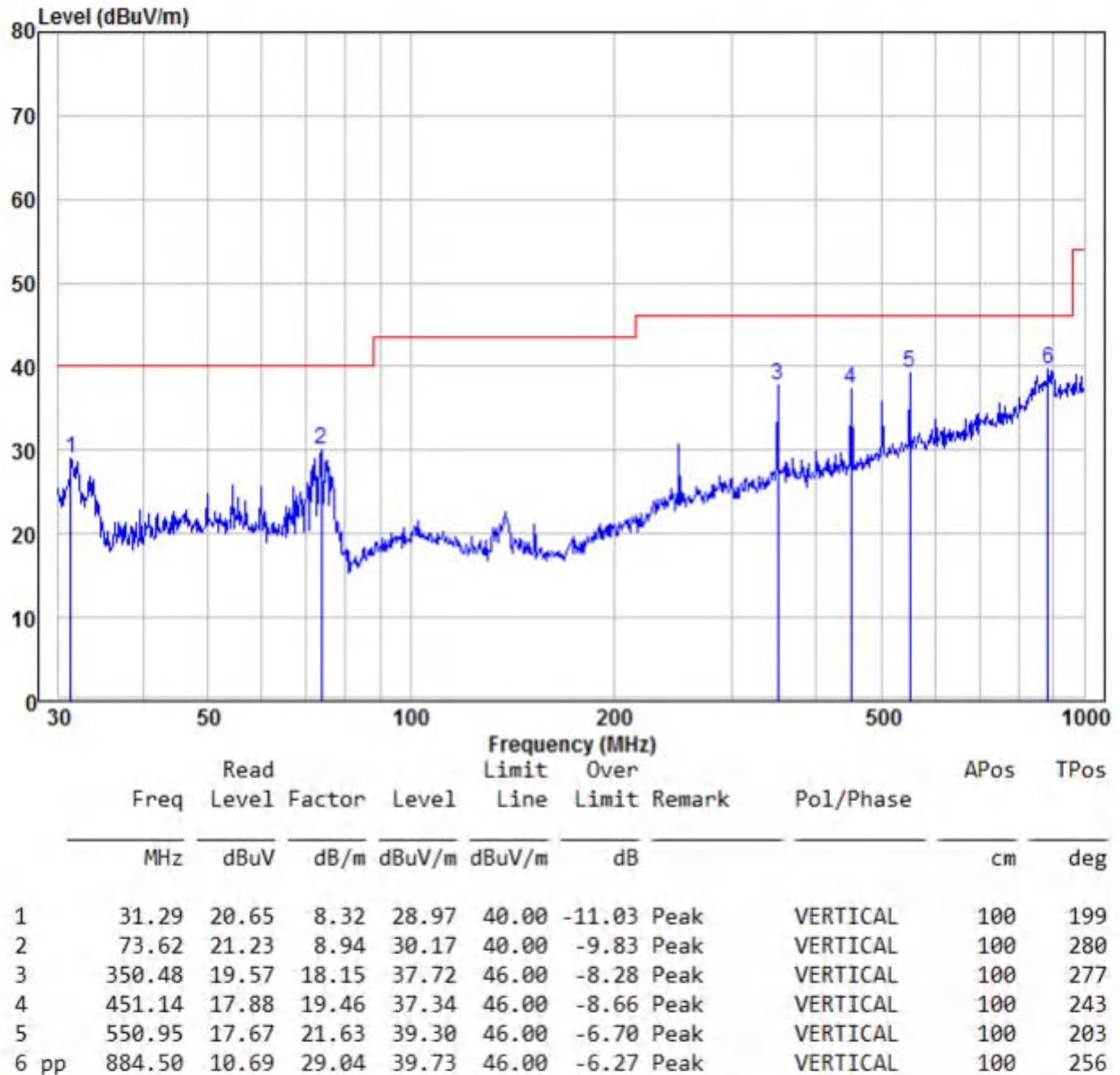


		Read		Limit	Over			APos	TPos
	Freq	Level	Factor	Level	Line	Limit	Remark	Pol/Phase	
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB			cm deg
1	250.30	26.28	15.73	42.01	46.00	-3.99	Peak	HORIZONTAL	100 49
2	350.48	24.10	18.15	42.25	46.00	-3.75	Peak	HORIZONTAL	100 303
3	451.14	15.93	19.46	35.39	46.00	-10.61	Peak	HORIZONTAL	100 205
4	550.95	18.06	21.63	39.69	46.00	-6.31	Peak	HORIZONTAL	100 86
5	747.48	15.08	24.77	39.85	46.00	-6.15	Peak	HORIZONTAL	100 109
6	897.00	10.96	29.05	40.01	46.00	-5.99	Peak	HORIZONTAL	100 206

Ant 2:

30MHz~1GHz

Vertical



Remark:

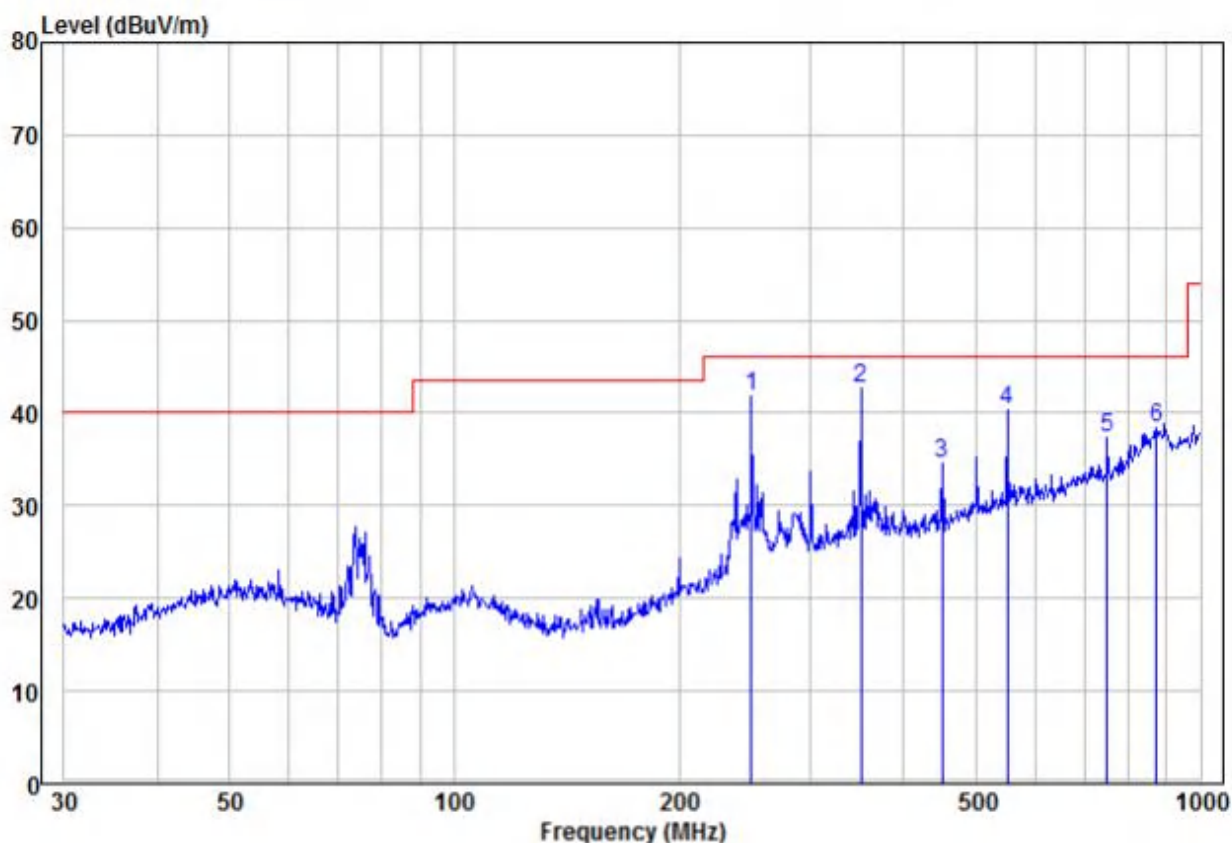
The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Factor= Antenna Factor + Cable Factor – Preamplifier Factor,

Level = Read Level + Factor,

Over Limit=Level-Limit Line.

Horizontal



	Read		Limit	Over				APos	TPos
Freq	Level	Factor	Level	Line	Limit	Remark	Pol/Phase		
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB			cm	deg
1	250.30	26.08	15.73	41.81	46.00	-4.19 Peak	HORIZONTAL	100	150
2	350.48	24.46	18.15	42.61	46.00	-3.39 Peak	HORIZONTAL	100	9
3	451.14	15.17	19.46	34.63	46.00	-11.37 Peak	HORIZONTAL	100	122
4	550.95	18.64	21.63	40.27	46.00	-5.73 Peak	HORIZONTAL	100	148
5	750.11	12.53	24.80	37.33	46.00	-8.67 Peak	HORIZONTAL	100	287
6	872.18	9.49	28.84	38.33	46.00	-7.67 Peak	HORIZONTAL	100	10

Remark:

The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Factor= Antenna Factor + Cable Factor – Preamplifier Factor,

Level = Read Level + Factor,

Over Limit=Level-Limit Line.

4.9.2 Transmitter emission above 1GHz

Ant 1:

Test mode:		802.11b(1Mbps)		Test channel:		Lowest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
4824.000	53.27	-4.26	49.01	74	-24.99	peak	H	1.5	355
4824.000	37.11	-4.26	32.85	54	-21.15	AVG	H	1.5	108
7236.000	51.18	1.18	52.36	74	-21.64	peak	H	1.5	191
7236.000	37.86	1.18	39.04	54	-14.96	AVG	H	1.5	276
4824.000	55.42	-4.26	51.16	74	-22.84	peak	V	1.5	309
4824.000	39.85	-4.26	35.59	54	-18.41	AVG	V	1.5	90
7236.000	51.79	1.18	52.97	74	-21.03	peak	V	1.5	18
7236.000	35.21	1.18	36.39	54	-17.61	AVG	V	1.5	237

Test mode:		802.11b(1Mbps)		Test channel:		Middle			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
4874.000	52.88	-4.12	48.76	74	-25.24	peak	H	1.5	63
4874.000	37.96	-4.12	33.84	54	-20.16	AVG	H	1.5	113
7311.000	48.95	1.46	50.41	74	-23.59	peak	H	1.5	159
7311.000	35.70	1.46	37.16	54	-16.84	AVG	H	1.5	106
4874.000	53.85	-4.12	49.73	74	-24.27	peak	V	1.5	330
4874.000	37.74	-4.12	33.62	54	-20.38	AVG	V	1.5	82
7311.000	49.09	1.46	50.55	74	-23.45	peak	V	1.5	162
7311.000	35.97	1.46	37.43	54	-16.57	AVG	V	1.5	152

Test mode:		802.11b(1Mbps)		Test channel:		Highest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol. H/V	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)			(m)	(Degree)
4924.000	51.98	-4.03	47.95	74	-26.05	peak	H	1.5	60
4924.000	37.66	-4.03	33.63	54	-20.37	AVG	H	1.5	201
7386.000	49.59	1.66	51.25	74	-22.75	peak	H	1.5	24
7386.000	36.70	1.66	38.36	54	-15.64	AVG	H	1.5	214
4924.000	54.48	-4.03	50.45	74	-23.55	peak	V	1.5	336
4924.000	37.81	-4.03	33.78	54	-20.22	AVG	V	1.5	159
7386.000	50.84	1.66	52.50	74	-21.50	peak	V	1.5	300
7386.000	37.83	1.66	39.49	54	-14.51	AVG	V	1.5	12

Remark:

- 1) The 1Mbps of rate of 802.11b is the worst case.
- 2) 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
- 3) Scan from 9kHz to 25GHz, The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

Test mode:		802.11g(6Mbps)		Test channel:		Lowest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
4824.000	52.90	-4.26	48.64	74	-25.36	peak	H	1.5	348
4824.000	36.58	-4.26	32.32	54	-21.68	AVG	H	1.5	68
7236.000	51.46	1.18	52.64	74	-21.36	peak	H	1.5	287
7236.000	38.22	1.18	39.40	54	-14.60	AVG	H	1.5	183
4824.000	55.12	-4.26	50.86	74	-23.14	peak	V	1.5	12
4824.000	38.60	-4.26	34.34	54	-19.66	AVG	V	1.5	298
7236.000	50.27	1.18	51.45	74	-22.55	peak	V	1.5	316
7236.000	36.02	1.18	37.20	54	-16.80	AVG	V	1.5	199

Test mode:		802.11g(6Mbps)		Test channel:		Middle			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
4874.000	52.45	-4.12	48.33	74	-25.67	peak	H	1.5	134
4874.000	37.97	-4.12	33.85	54	-20.15	AVG	H	1.5	137
7311.000	49.79	1.46	51.25	74	-22.75	peak	H	1.5	306
7311.000	35.04	1.46	36.50	54	-17.50	AVG	H	1.5	92
4874.000	53.06	-4.12	48.94	74	-25.06	peak	V	1.5	30
4874.000	37.62	-4.12	33.50	54	-20.50	AVG	V	1.5	158
7311.000	48.25	1.46	49.71	74	-24.29	peak	V	1.5	214
7311.000	35.09	1.46	36.55	54	-17.45	AVG	V	1.5	20

Test mode:		802.11g(6Mbps)		Test channel:		Highest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol. H/V	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)			(m)	(Degree)
4924.000	51.68	-4.03	47.65	74	-26.35	peak	H	1.5	65
4924.000	37.74	-4.03	33.71	54	-20.29	AVG	H	1.5	34
7386.000	51.07	1.66	52.73	74	-21.27	peak	H	1.5	335
7386.000	37.30	1.66	38.96	54	-15.04	AVG	H	1.5	132
4924.000	53.39	-4.03	49.36	74	-24.64	peak	V	1.5	180
4924.000	37.72	-4.03	33.69	54	-20.31	AVG	V	1.5	276
7386.000	51.22	1.66	52.88	74	-21.12	peak	V	1.5	126
7386.000	37.08	1.66	38.74	54	-15.26	AVG	V	1.5	56

Remark:

- 1) The 6Mbps of rate of 802.11g is the worst case.
- 2) 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
- 3) Scan from 9kHz to 25GHz,The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

Ant 2:

Test mode:		802.11b(1Mbps)		Test channel:		Lowest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
4824.000	52.80	-4.26	48.54	74	-25.46	peak	H	1.5	142
4824.000	36.92	-4.26	32.66	54	-21.34	AVG	H	1.5	219
7236.000	51.29	1.18	52.47	74	-21.53	peak	H	1.5	319
7236.000	37.69	1.18	38.87	54	-15.13	AVG	H	1.5	68
4824.000	55.48	-4.26	51.22	74	-22.78	peak	V	1.5	225
4824.000	38.04	-4.26	33.78	54	-20.22	AVG	V	1.5	10
7236.000	50.86	1.18	52.04	74	-21.96	peak	V	1.5	208
7236.000	35.80	1.18	36.98	54	-17.02	AVG	V	1.5	120

Test mode:		802.11b(1Mbps)		Test channel:		Middle			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
4874.000	52.94	-4.12	48.82	74	-25.18	peak	H	1.5	320
4874.000	37.08	-4.12	32.96	54	-21.04	AVG	H	1.5	6
7311.000	49.87	1.46	51.33	74	-22.67	peak	H	1.5	151
7311.000	35.73	1.46	37.19	54	-16.81	AVG	H	1.5	177
4874.000	52.78	-4.12	48.66	74	-25.34	peak	V	1.5	27
4874.000	36.51	-4.12	32.39	54	-21.61	AVG	V	1.5	322
7311.000	48.40	1.46	49.86	74	-24.14	peak	V	1.5	236
7311.000	36.08	1.46	37.54	54	-16.46	AVG	V	1.5	22

Test mode:		802.11b(1Mbps)		Test channel:		Highest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
4924.000	52.98	-4.03	48.95	74	-25.05	peak	H	1.5	349
4924.000	38.41	-4.03	34.38	54	-19.62	AVG	H	1.5	332
7386.000	49.34	1.66	51.00	74	-23.00	peak	H	1.5	39
7386.000	37.00	1.66	38.66	54	-15.34	AVG	H	1.5	281
4924.000	55.01	-4.03	50.98	74	-23.02	peak	V	1.5	347
4924.000	37.65	-4.03	33.62	54	-20.38	AVG	V	1.5	293
7386.000	50.82	1.66	52.48	74	-21.52	peak	V	1.5	199
7386.000	37.87	1.66	39.53	54	-14.47	AVG	V	1.5	347

Remark:

- 1) The 1Mbps of rate of 802.11b is the worst case.
- 2) 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
- 3) Scan from 9kHz to 25GHz, The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

Test mode:		802.11g(6Mbps)		Test channel:		Lowest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
4824.000	52.77	-4.26	48.51	74	-25.49	peak	H	1.5	70
4824.000	37.62	-4.26	33.36	54	-20.64	AVG	H	1.5	98
7236.000	51.55	1.18	52.73	74	-21.27	peak	H	1.5	162
7236.000	37.45	1.18	38.63	54	-15.37	AVG	H	1.5	263
4824.000	55.05	-4.26	50.79	74	-23.21	peak	V	1.5	220
4824.000	38.98	-4.26	34.72	54	-19.28	AVG	V	1.5	37
7236.000	52.05	1.18	53.23	74	-20.77	peak	V	1.5	111
7236.000	35.20	1.18	36.38	54	-17.62	AVG	V	1.5	137

Test mode:		802.11g(6Mbps)		Test channel:		Middle			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
4874.000	52.38	-4.12	48.26	74	-25.74	peak	H	1.5	4
4874.000	37.75	-4.12	33.63	54	-20.37	AVG	H	1.5	294
7311.000	50.14	1.46	51.60	74	-22.40	peak	H	1.5	53
7311.000	35.94	1.46	37.40	54	-16.60	AVG	H	1.5	132
4874.000	53.53	-4.12	49.41	74	-24.59	peak	V	1.5	351
4874.000	37.54	-4.12	33.42	54	-20.58	AVG	V	1.5	320
7311.000	49.80	1.46	51.26	74	-22.74	peak	V	1.5	43
7311.000	36.21	1.46	37.67	54	-16.33	AVG	V	1.5	21

Test mode:		802.11g(6Mbps)		Test channel:		Highest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol. H/V	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)			(m)	(Degree)
4924.000	51.48	-4.03	47.45	74	-26.55	peak	H	1.5	223
4924.000	37.33	-4.03	33.30	54	-20.70	AVG	H	1.5	107
7386.000	49.47	1.66	51.13	74	-22.87	peak	H	1.5	114
7386.000	36.75	1.66	38.41	54	-15.59	AVG	H	1.5	129
4924.000	53.47	-4.03	49.44	74	-24.56	peak	V	1.5	97
4924.000	38.80	-4.03	34.77	54	-19.23	AVG	V	1.5	61
7386.000	50.91	1.66	52.57	74	-21.43	peak	V	1.5	170
7386.000	37.68	1.66	39.34	54	-14.66	AVG	V	1.5	199

Remark:

- 1) The 6Mbps of rate of 802.11g is the worst case.
- 2) 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
- 3) Scan from 9kHz to 25GHz, The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

Ant1+Ant2(MIMO):

Test mode:		802.11n20(13Mbps)		Test channel:		Lowest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
4824.000	52.88	-4.26	48.62	74	-25.38	peak	H	1.5	78
4824.000	36.32	-4.26	32.06	54	-21.94	AVG	H	1.5	180
7236.000	51.70	1.18	52.88	74	-21.12	peak	H	1.5	111
7236.000	38.79	1.18	39.97	54	-14.03	AVG	H	1.5	99
4824.000	54.37	-4.26	50.11	74	-23.89	peak	V	1.5	351
4824.000	38.05	-4.26	33.79	54	-20.21	AVG	V	1.5	192
7236.000	51.79	1.18	52.97	74	-21.03	peak	V	1.5	137
7236.000	36.23	1.18	37.41	54	-16.59	AVG	V	1.5	55

Test mode:		802.11n20(13Mbps)		Test channel:		Middle			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
4874.000	51.74	-4.12	47.62	74	-26.38	peak	H	1.5	127
4874.000	36.61	-4.12	32.49	54	-21.51	AVG	H	1.5	204
7311.000	49.74	1.46	51.20	74	-22.80	peak	H	1.5	54
7311.000	36.80	1.46	38.26	54	-15.74	AVG	H	1.5	240
4874.000	52.45	-4.12	48.33	74	-25.67	peak	V	1.5	41
4874.000	36.26	-4.12	32.14	54	-21.86	AVG	V	1.5	317
7311.000	48.96	1.46	50.42	74	-23.58	peak	V	1.5	25
7311.000	35.87	1.46	37.33	54	-16.67	AVG	V	1.5	244

Test mode:		802.11n20(13Mbps)		Test channel:		Highest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
4924.000	51.34	-4.03	47.31	74	-26.69	peak	H	1.5	336
4924.000	38.61	-4.03	34.58	54	-19.42	AVG	H	1.5	89
7386.000	51.17	1.66	52.83	74	-21.17	peak	H	1.5	45
7386.000	36.57	1.66	38.23	54	-15.77	AVG	H	1.5	346
4924.000	53.29	-4.03	49.26	74	-24.74	peak	V	1.5	294
4924.000	37.75	-4.03	33.72	54	-20.28	AVG	V	1.5	10
7386.000	50.02	1.66	51.68	74	-22.32	peak	V	1.5	330
7386.000	36.53	1.66	38.19	54	-15.81	AVG	V	1.5	246

Remark:

- 1) The MCS0 of rate of 802.11n20 is the worst case.
- 2) 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
- 3) Scan from 9kHz to 25GHz, The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

Test mode:		802.11n40(27Mbps)		Test channel:		Lowest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
4824.000	52.86	-4.26	48.60	74	-25.40	peak	H	1.5	39
4824.000	36.25	-4.26	31.99	54	-22.01	AVG	H	1.5	150
7236.000	50.52	1.18	51.70	74	-22.30	peak	H	1.5	212
7236.000	38.30	1.18	39.48	54	-14.52	AVG	H	1.5	0
4824.000	55.71	-4.26	51.45	74	-22.55	peak	V	1.5	12
4824.000	38.63	-4.26	34.37	54	-19.63	AVG	V	1.5	262
7236.000	51.75	1.18	52.93	74	-21.07	peak	V	1.5	322
7236.000	36.64	1.18	37.82	54	-16.18	AVG	V	1.5	23

Test mode:		802.11n40(27Mbps)		Test channel:		Middle			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
4874.000	52.75	-4.12	48.63	74	-25.37	peak	H	1.5	220
4874.000	37.76	-4.12	33.64	54	-20.36	AVG	H	1.5	77
7311.000	48.38	1.46	49.84	74	-24.16	peak	H	1.5	169
7311.000	35.77	1.46	37.23	54	-16.77	AVG	H	1.5	235
4874.000	53.97	-4.12	49.85	74	-24.15	peak	V	1.5	300
4874.000	36.08	-4.12	31.96	54	-22.04	AVG	V	1.5	304
7311.000	49.30	1.46	50.76	74	-23.24	peak	V	1.5	149
7311.000	35.67	1.46	37.13	54	-16.87	AVG	V	1.5	28

Test mode:		802.11n40(27Mbps)		Test channel:		Highest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
4924.000	51.77	-4.03	47.74	74	-26.26	peak	H	1.5	202
4924.000	38.26	-4.03	34.23	54	-19.77	AVG	H	1.5	323
7386.000	49.38	1.66	51.04	74	-22.96	peak	H	1.5	0
7386.000	37.57	1.66	39.23	54	-14.77	AVG	H	1.5	348
4924.000	54.30	-4.03	50.27	74	-23.73	peak	V	1.5	316
4924.000	37.60	-4.03	33.57	54	-20.43	AVG	V	1.5	133
7386.000	49.61	1.66	51.27	74	-22.73	peak	V	1.5	272
7386.000	36.69	1.66	38.35	54	-15.65	AVG	V	1.5	244

Remark:

- 1) The MCS0 of rate of 802.11n40 is the worst case.
- 2) 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
- 3) Scan from 9kHz to 25GHz, The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

4.10 Restricted bands around fundamental frequency

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.205		
Test Method:	ANSI C63.10 2020		
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)		
Limit:	Frequency	Limit (dBuV/m @3m)	Remark
	30MHz-88MHz	40.0	Quasi-peak Value
	88MHz-216MHz	43.5	Quasi-peak Value
	216MHz-960MHz	46.0	Quasi-peak Value
	960MHz-1GHz	54.0	Quasi-peak Value
	Above 1GHz	54.0	Average Value
		74.0	Peak Value

Test Setup:

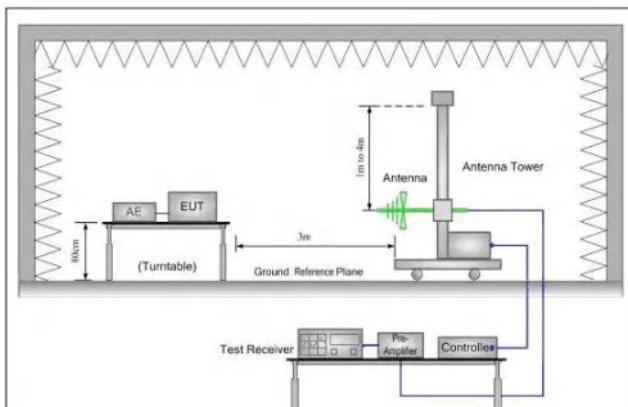


Figure 1. 30MHz to 1GHz

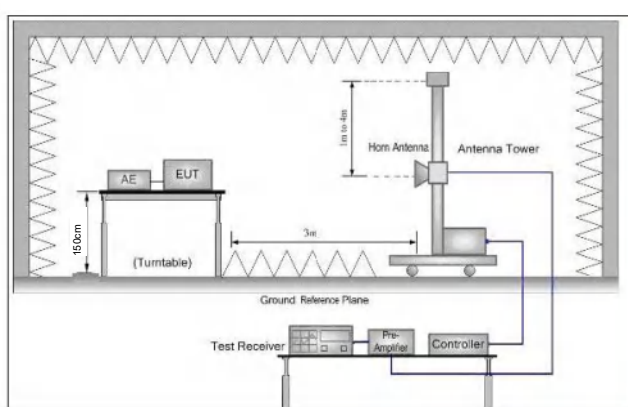


Figure 2. Above 1 GHz

Test Procedure:

- 1) Below 1G: The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
 - 2) Above 1G: The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- Note: For the radiated emission test above 1GHz:
- Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
 - The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
 - For each suspected emission, the EUT was arranged to its worst case and

	then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel g. Test the EUT in the lowest channel, the middle channel, the Highest channel. h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case . i. Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates. Transmitting mode.
Final Test Mode:	Pretest the EUT at Transmitting mode, found the Transmitting mode which it is worse case. Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g; 6.5Mbps of rate is the worst case of 802.11n(HT20); 13.5Mbps of rate is the worst case of 802.11n(HT40). Only the worst case is recorded in the report.
Test Results:	Pass

Ant 1:

Test data:

Worse case mode:		802.11b(1Mbps)		Test channel:		Lowest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
2390.000	58.35	-9.2	49.15	74	-24.85	peak	H	1.5	14
2390.000	44.48	-9.2	35.28	54	-18.72	AVG	H	1.5	115
2400.000	59.30	-9.39	49.91	74	-24.09	peak	H	1.5	33
2400.000	46.77	-9.39	37.38	54	-16.62	AVG	H	1.5	229
2390.000	58.89	-9.2	49.69	74	-24.31	peak	V	1.5	26
2390.000	44.30	-9.2	35.10	54	-18.90	AVG	V	1.5	180
2400.000	60.11	-9.39	50.72	74	-23.28	peak	V	1.5	48
2400.000	46.44	-9.39	37.05	54	-16.95	AVG	V	1.5	195

Worse case mode:		802.11b(1Mbps)		Test channel:		Highest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
2483.500	57.58	-9.29	48.29	74	-25.71	peak	H	1.5	43
2483.500	44.37	-9.29	35.08	54	-18.92	AVG	H	1.5	157
2483.500	57.47	-9.29	48.18	74	-25.82	peak	V	1.5	240
2483.500	45.69	-9.29	36.40	54	-17.60	AVG	V	1.5	247

Worse case mode:		802.11g(6Mbps)		Test channel:		Lowest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
2390.000	58.61	-9.2	49.41	74	-24.59	peak	H	1.5	297
2390.000	44.73	-9.2	35.53	54	-18.47	AVG	H	1.5	72
2400.000	59.68	-9.39	50.29	74	-23.71	peak	H	1.5	193
2400.000	46.27	-9.39	36.88	54	-17.12	AVG	H	1.5	334
2390.000	59.16	-9.2	49.96	74	-24.04	peak	V	1.5	178
2390.000	44.86	-9.2	35.66	54	-18.34	AVG	V	1.5	204
2400.000	60.08	-9.39	50.69	74	-23.31	peak	V	1.5	179
2400.000	46.91	-9.39	37.52	54	-16.48	AVG	V	1.5	299

Worse case mode:		802.11g(6Mbps)		Test channel:		Highest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
2483.500	57.81	-9.29	48.52	74	-25.48	peak	H	1.5	161
2483.500	43.72	-9.29	34.43	54	-19.57	AVG	H	1.5	34
2483.500	58.10	-9.29	48.81	74	-25.19	peak	V	1.5	206
2483.500	45.75	-9.29	36.46	54	-17.54	AVG	V	1.5	56

Note:

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

Ant 2:

Test data:

Worse case mode:		802.11b(1Mbps)		Test channel:		Lowest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
2390.000	58.51	-9.2	49.31	74	-24.69	peak	H	1.5	332
2390.000	44.29	-9.2	35.09	54	-18.91	AVG	H	1.5	147
2400.000	59.31	-9.39	49.92	74	-24.08	peak	H	1.5	17
2400.000	46.40	-9.39	37.01	54	-16.99	AVG	H	1.5	117
2390.000	58.75	-9.2	49.55	74	-24.45	peak	V	1.5	239
2390.000	44.34	-9.2	35.14	54	-18.86	AVG	V	1.5	172
2400.000	60.10	-9.39	50.71	74	-23.29	peak	V	1.5	176
2400.000	46.76	-9.39	37.37	54	-16.63	AVG	V	1.5	38

Worse case mode:		802.11b(1Mbps)		Test channel:		Highest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
2483.500	57.72	-9.29	48.43	74	-25.57	peak	H	1.5	108
2483.500	44.10	-9.29	34.81	54	-19.19	AVG	H	1.5	338
2483.500	57.47	-9.29	48.18	74	-25.82	peak	V	1.5	265
2483.500	46.23	-9.29	36.94	54	-17.06	AVG	V	1.5	1

Worse case mode:		802.11g(6Mbps)		Test channel:		Lowest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
2390.000	58.44	-9.2	49.24	74	-24.76	peak	H	1.5	180
2390.000	44.17	-9.2	34.97	54	-19.03	AVG	H	1.5	110
2400.000	59.51	-9.39	50.12	74	-23.88	peak	H	1.5	326
2400.000	46.43	-9.39	37.04	54	-16.96	AVG	H	1.5	291
2390.000	58.68	-9.2	49.48	74	-24.52	peak	V	1.5	120
2390.000	44.28	-9.2	35.08	54	-18.92	AVG	V	1.5	162
2400.000	59.82	-9.39	50.43	74	-23.57	peak	V	1.5	39
2400.000	46.55	-9.39	37.16	54	-16.84	AVG	V	1.5	320

Worse case mode:		802.11g(6Mbps)		Test channel:		Highest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
2483.500	57.77	-9.29	48.48	74	-25.52	peak	H	1.5	27
2483.500	43.76	-9.29	34.47	54	-19.53	AVG	H	1.5	267
2483.500	57.70	-9.29	48.41	74	-25.59	peak	V	1.5	67
2483.500	45.96	-9.29	36.67	54	-17.33	AVG	V	1.5	104

Ant1+Ant2(MIMO):

Worse case mode:		802.11n(HT20)(13Mbps)		Test channel:		Lowest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	Type	H/V	(m)	(Degree)
2390.000	59.24	-9.2	50.04	74	-23.96	peak	H	1.5	25
2390.000	44.42	-9.2	35.22	54	-18.78	AVG	H	1.5	232
2400.000	60.03	-9.39	50.64	74	-23.36	peak	H	1.5	162
2400.000	45.99	-9.39	36.60	54	-17.40	AVG	H	1.5	37
2390.000	58.45	-9.2	49.25	74	-24.75	peak	V	1.5	171
2390.000	44.95	-9.2	35.75	54	-18.25	AVG	V	1.5	286
2400.000	59.97	-9.39	50.58	74	-23.42	peak	V	1.5	51
2400.000	46.92	-9.39	37.53	54	-16.47	AVG	V	1.5	30

Worse case mode:		802.11n(HT20)(13Mbps)		Test channel:		Highest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	Type	H/V	(m)	(Degree)
2483.500	58.06	-9.29	48.77	74	-25.23	peak	H	1.5	1
2483.500	44.43	-9.29	35.14	54	-18.86	AVG	H	1.5	252
2483.500	57.78	-9.29	48.49	74	-25.51	peak	V	1.5	155
2483.500	45.79	-9.29	36.50	54	-17.50	AVG	V	1.5	239

Worse case mode:		802.11n(HT40)(27Mbps)		Test channel:		Lowest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	Type	H/V	(m)	(Degree)
2390.000	58.40	-9.2	49.20	74	-24.80	peak	H	1.5	327
2390.000	44.74	-9.2	35.54	54	-18.46	AVG	H	1.5	303
2400.000	60.10	-9.39	50.71	74	-23.29	peak	H	1.5	198
2400.000	46.41	-9.39	37.02	54	-16.98	AVG	H	1.5	270
2390.000	59.09	-9.2	49.89	74	-24.11	peak	V	1.5	4
2390.000	44.88	-9.2	35.68	54	-18.32	AVG	V	1.5	291
2400.000	59.69	-9.39	50.30	74	-23.70	peak	V	1.5	360
2400.000	46.50	-9.39	37.11	54	-16.89	AVG	V	1.5	47

Worse case mode:		802.11n(HT40)(27Mbps)		Test channel:		Highest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	Type	H/V	(m)	(Degree)
2483.500	58.01	-9.29	48.72	74	-25.28	peak	H	1.5	38
2483.500	43.47	-9.29	34.18	54	-19.82	AVG	H	1.5	56
2483.500	58.01	-9.29	48.72	74	-25.28	peak	V	1.5	339
2483.500	46.38	-9.29	37.09	54	-16.91	AVG	V	1.5	307

Note:

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

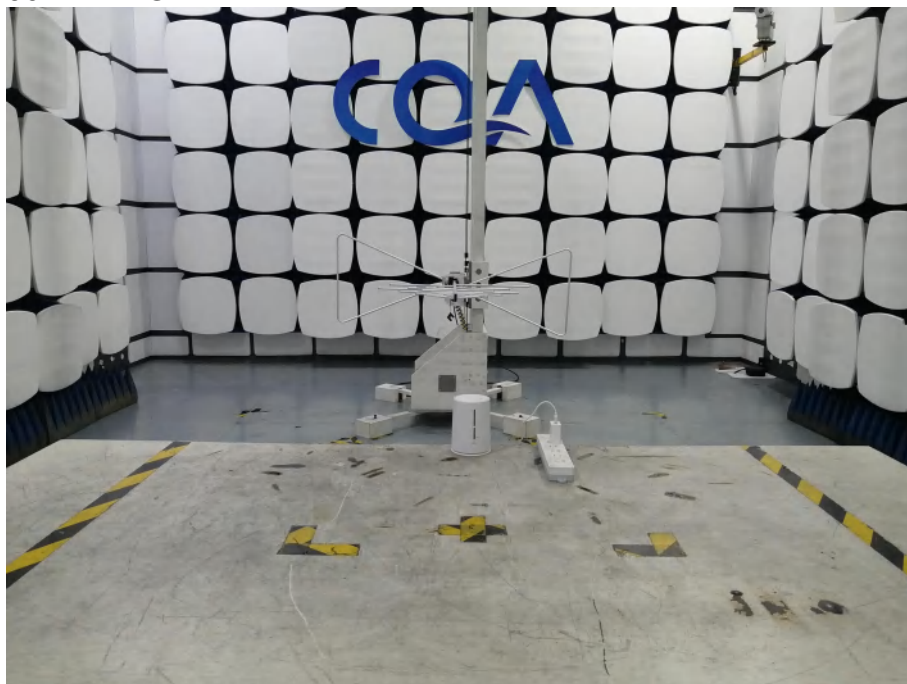
5 Photographs - EUT Test Setup

5.1 Radiated Spurious Emission

9kHz~30MHz:



30MHz~1GHz:



Above 1GHz:

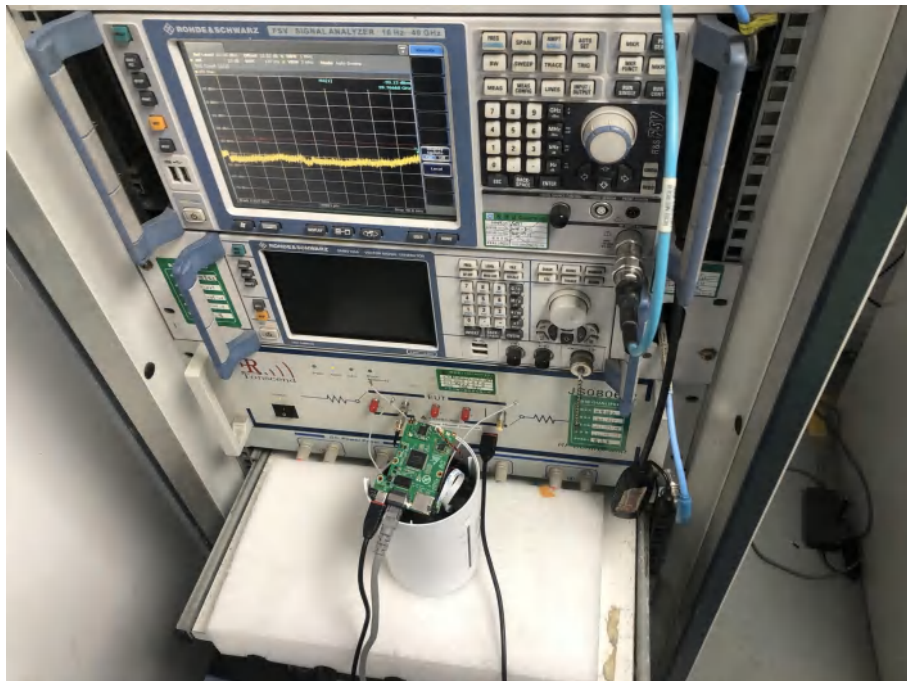


5.2 Conducted Emission

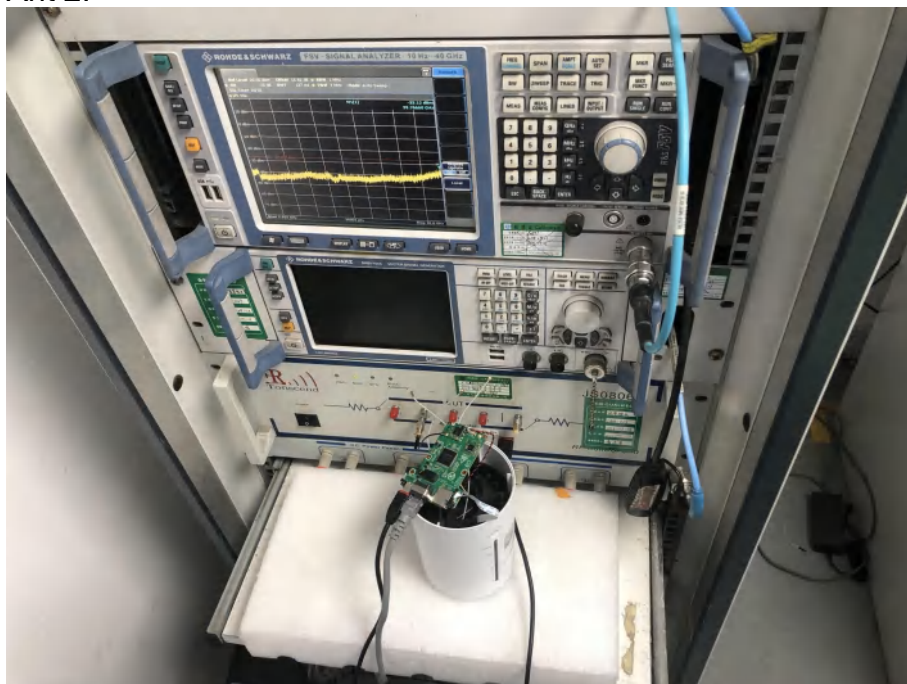


5.3 RF Conducted measurement

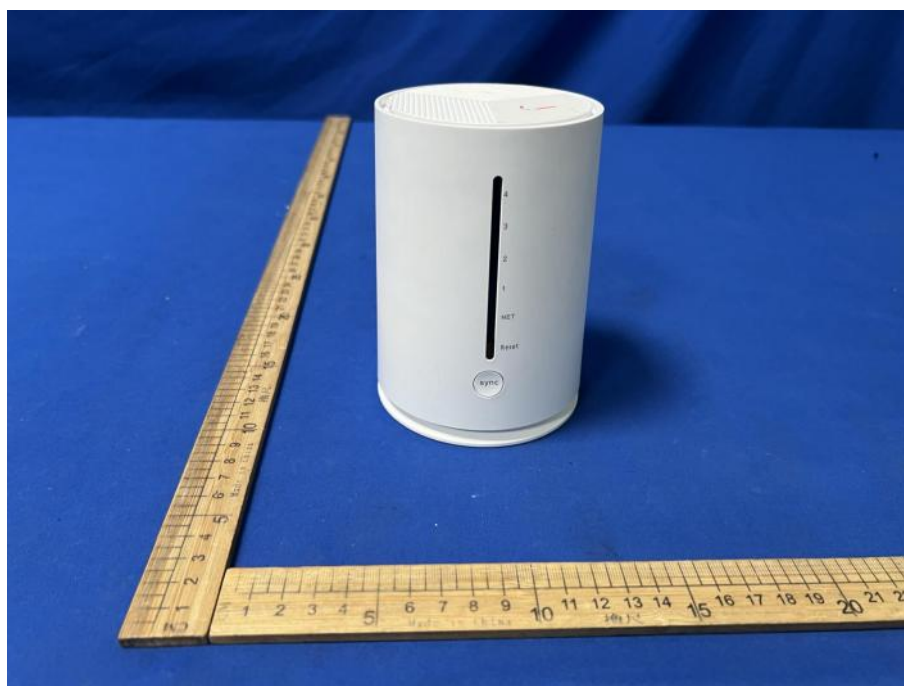
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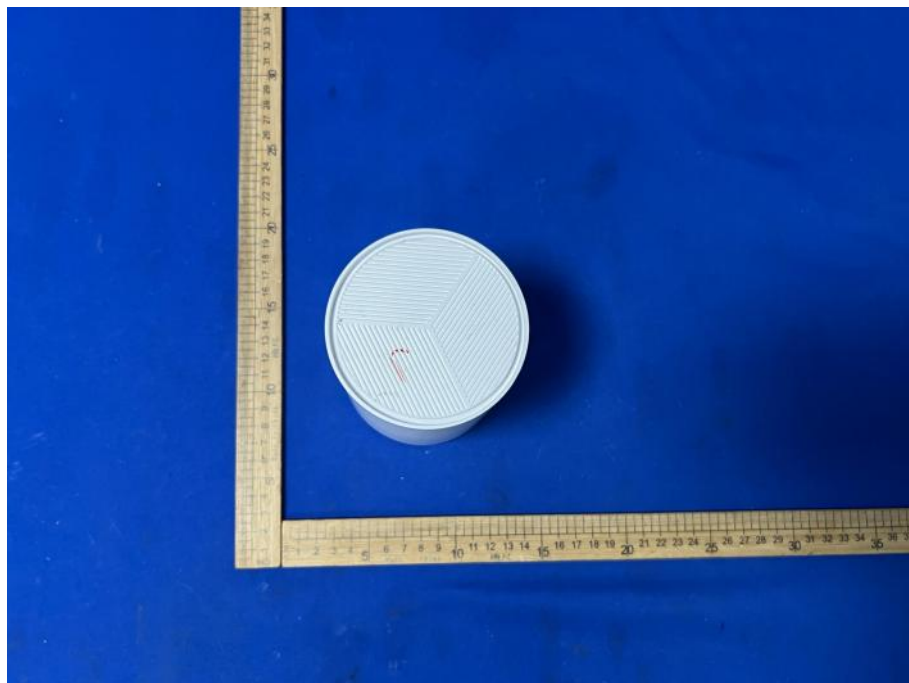
Ant 2:

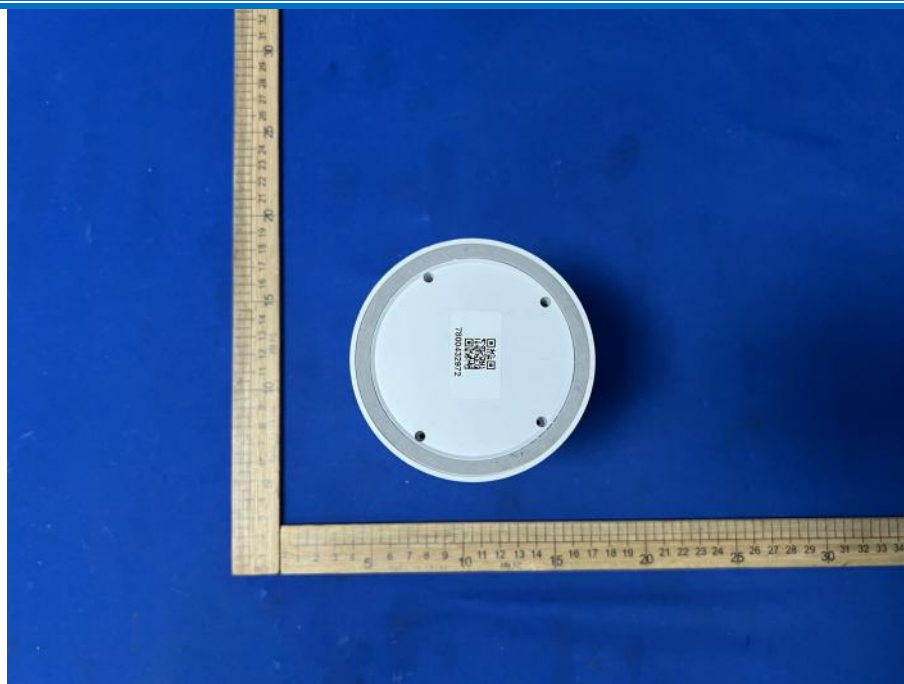


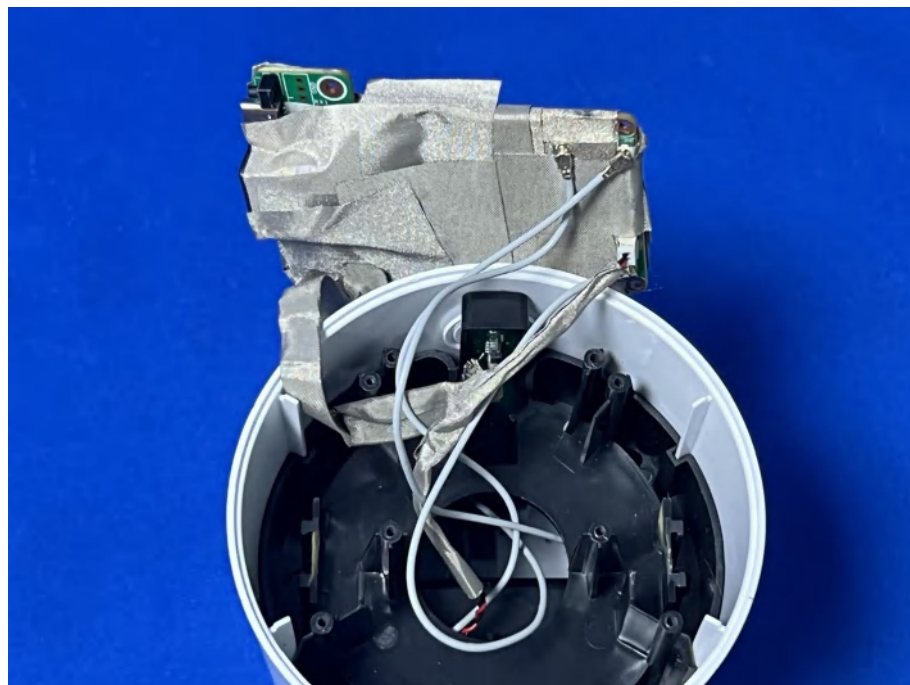
6 Photographs - EUT Constructional Details

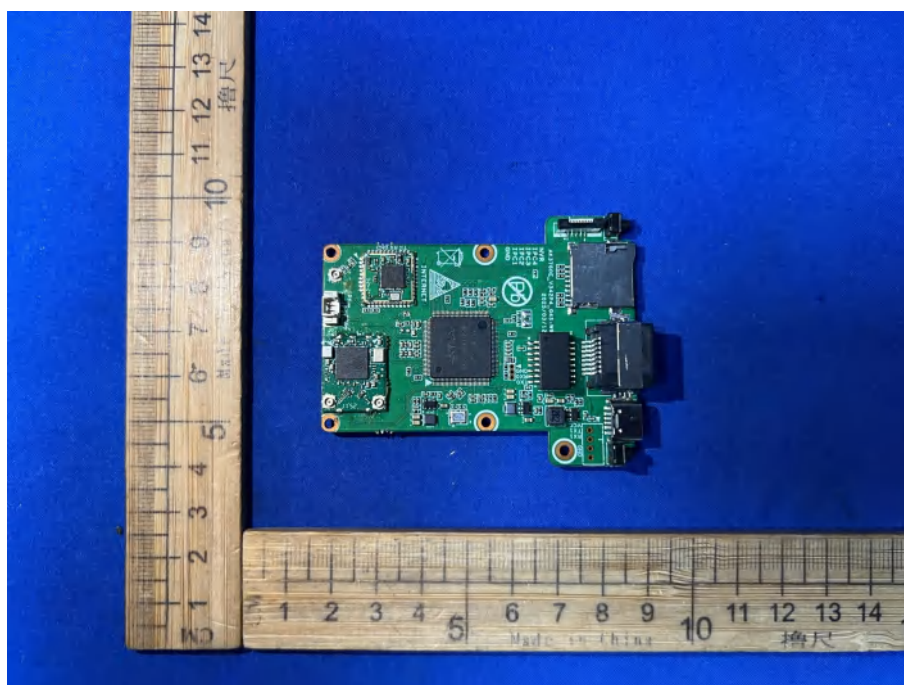
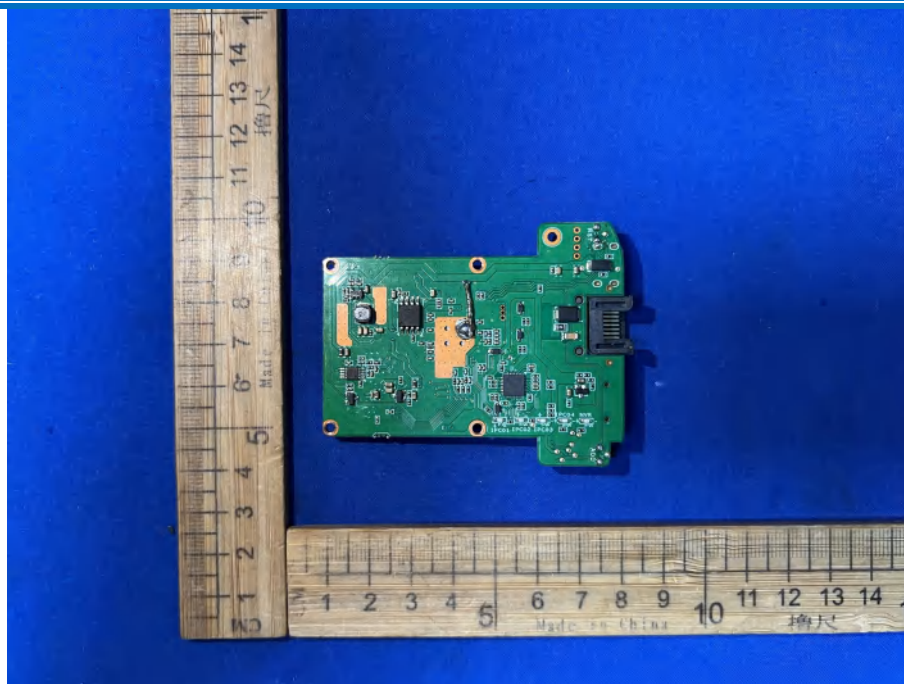


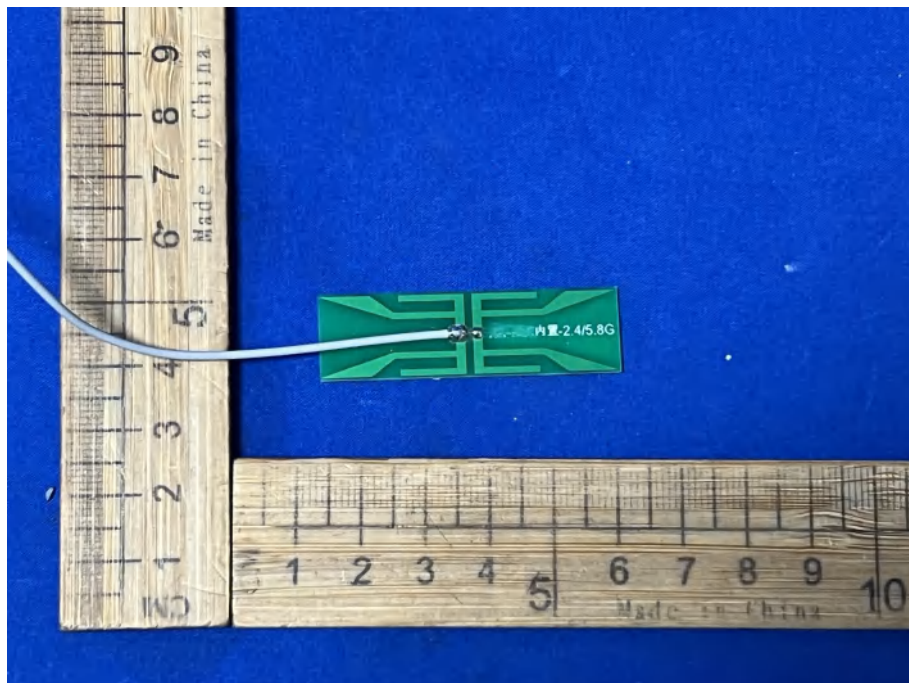
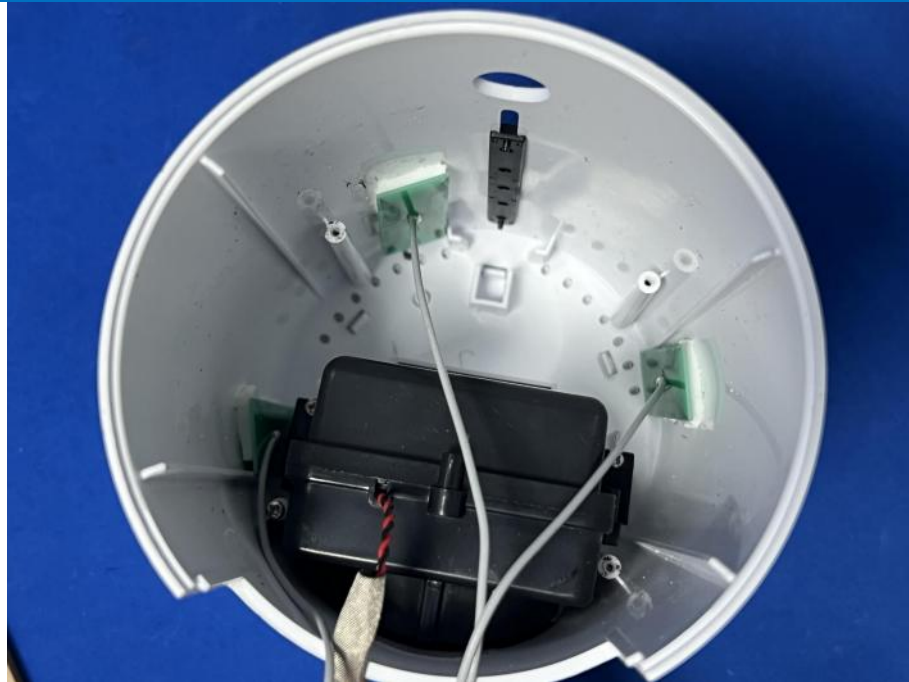


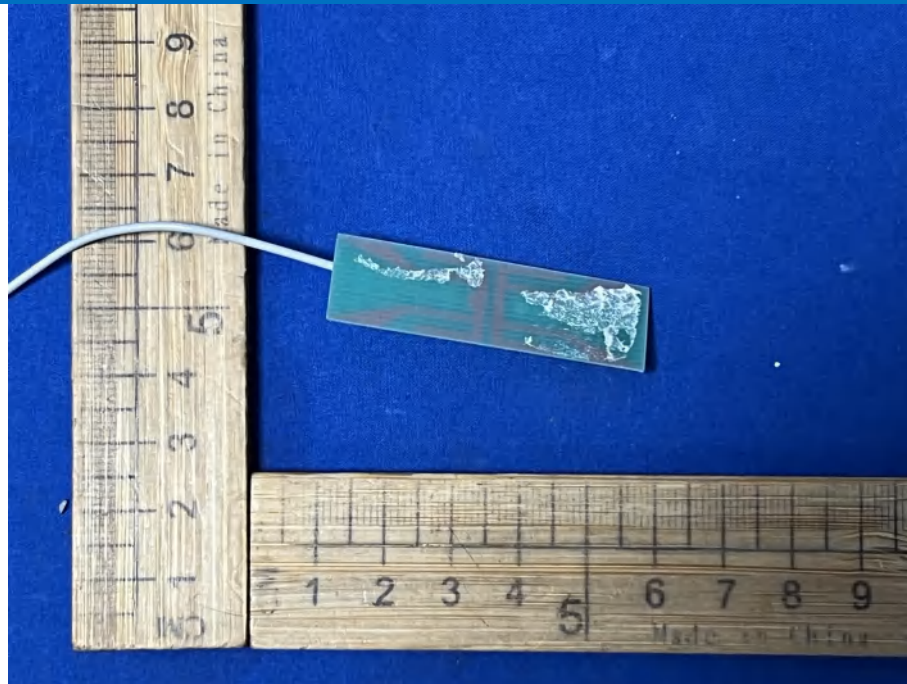


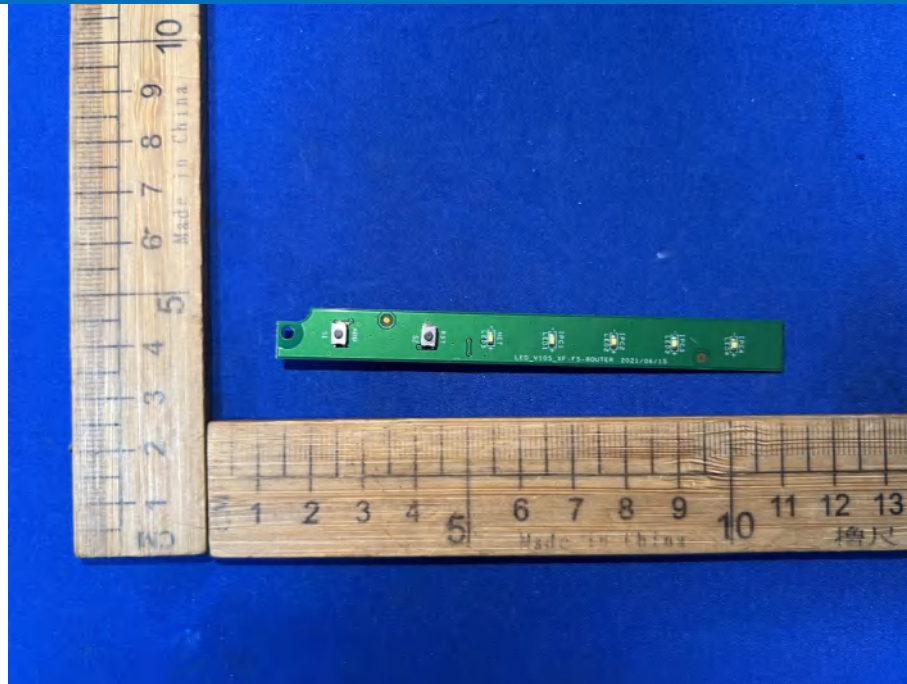












*** END OF REPORT ***