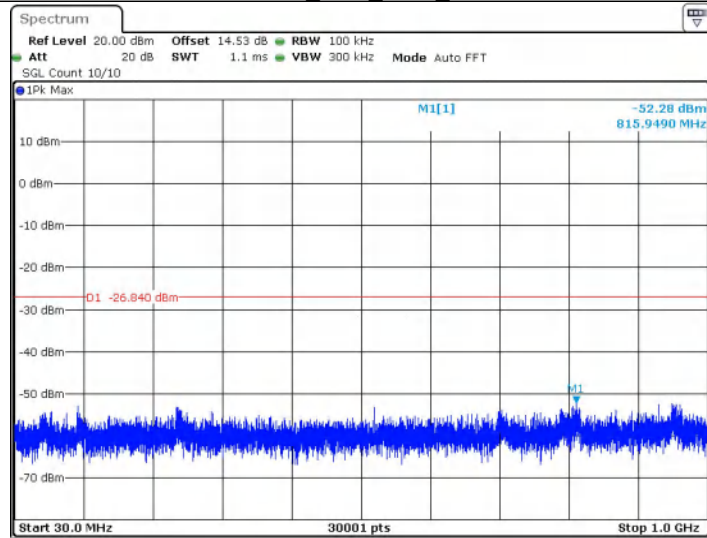
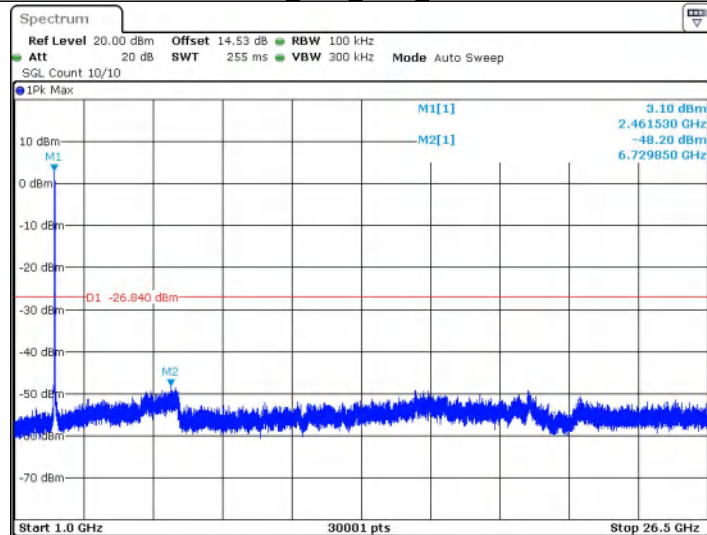


11N20SISO_Ant2_2462_30~1000



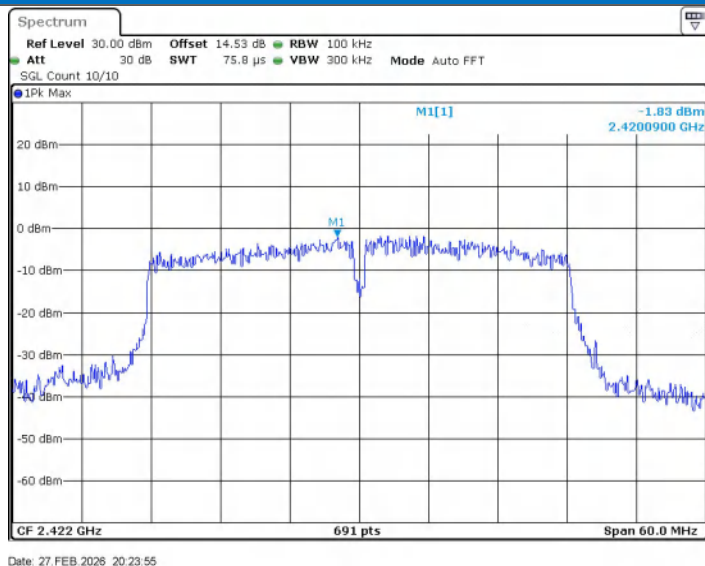
Date: 27.FEB.2026 20:20:57

11N20SISO_Ant2_2462_1000~26500

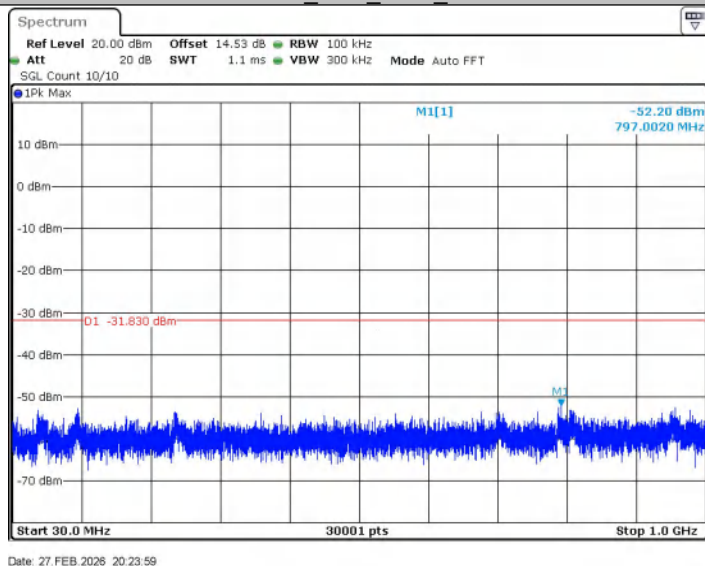


Date: 27.FEB.2026 20:21:08

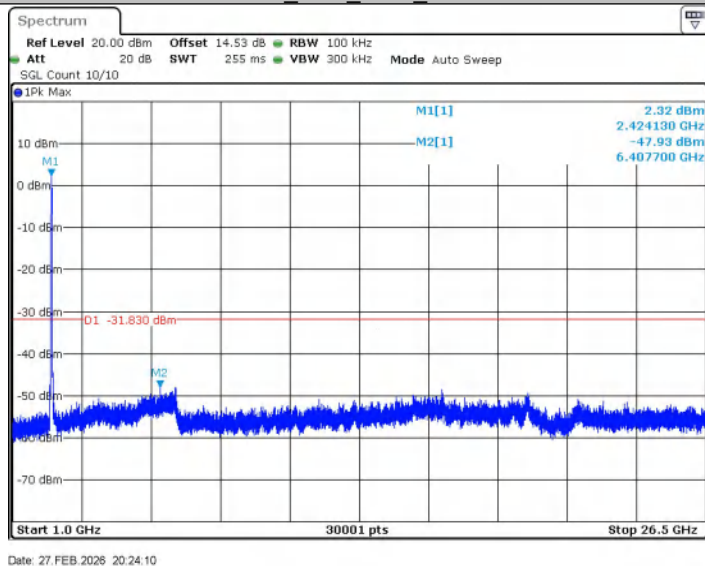
11N40SISO_Ant2_2422_0~Reference



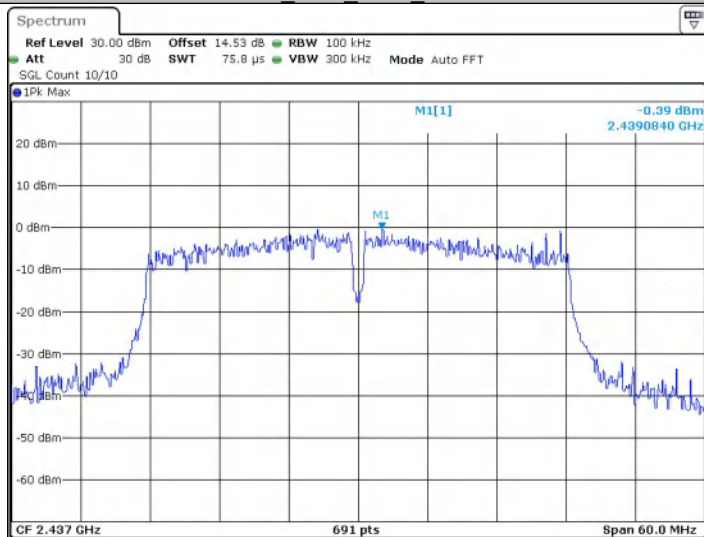
11N40SISO_Ant2_2422_30~1000



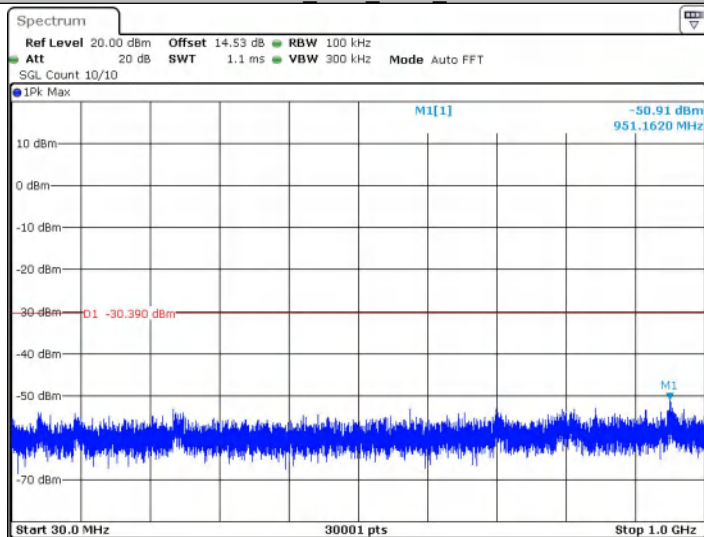
11N40SISO_Ant2_2422_1000~26500



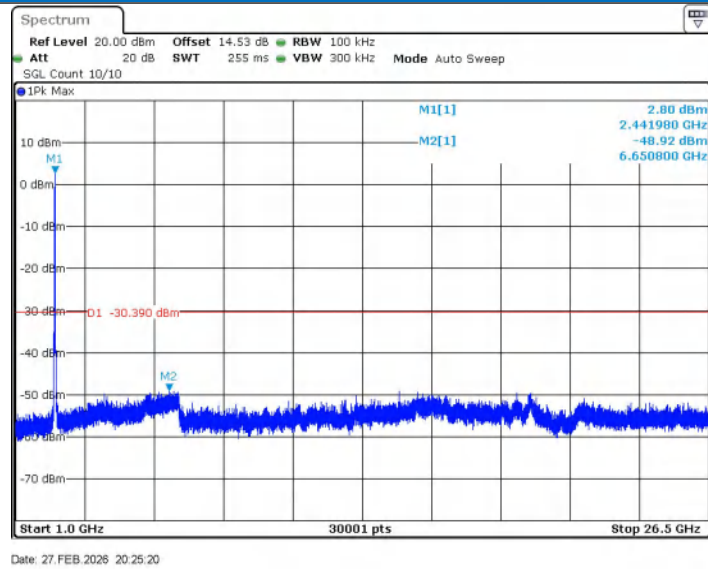
11N40SISO_Ant2_2437_0~Reference



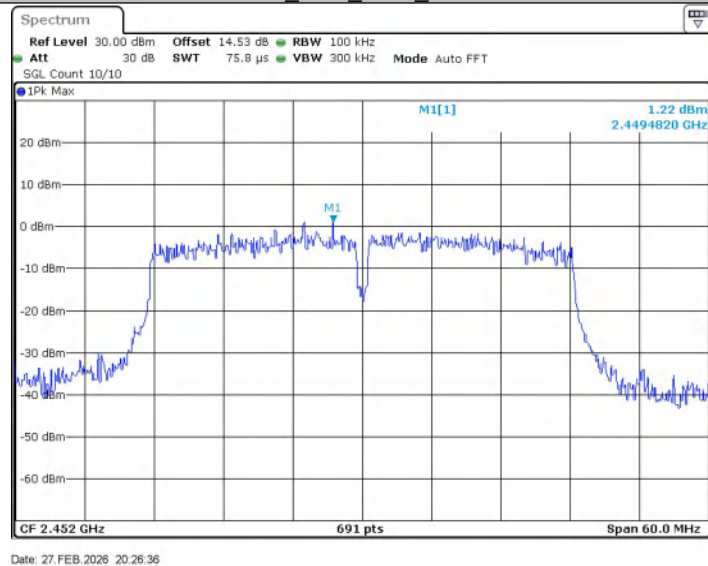
11N40SISO_Ant2_2437_30~1000



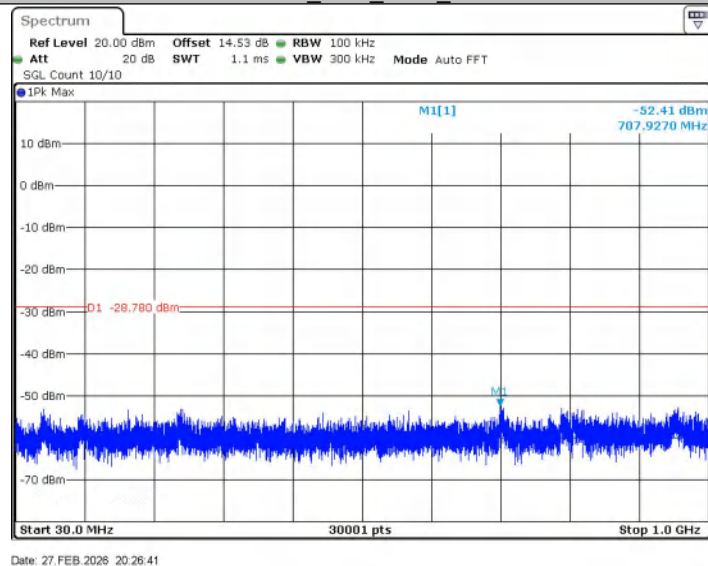
11N40SISO_Ant2_2437_1000~26500



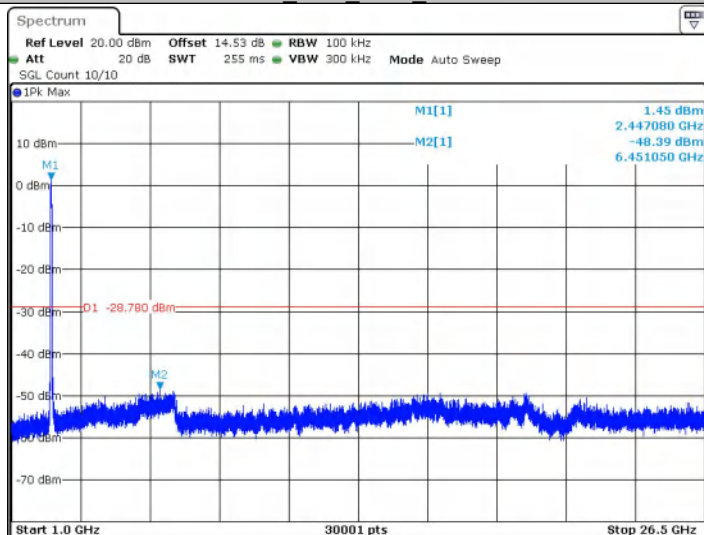
11N40SISO_Ant2_2452_0~Reference



11N40SISO_Ant2_2452_30~1000

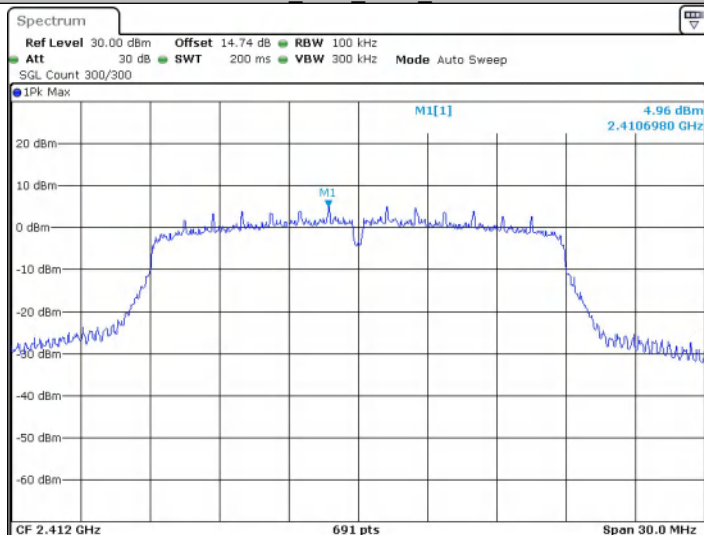


11N40SISO_Ant2_2452_1000~26500



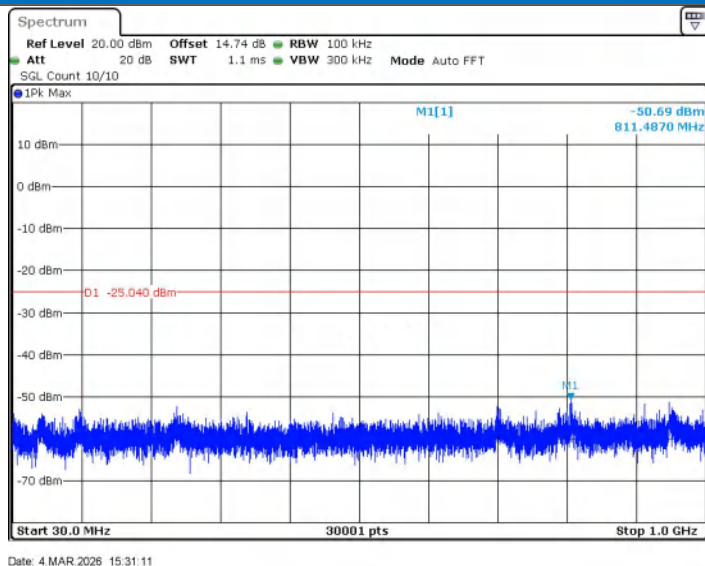
Date: 27.FEB.2026 20:26:51

11AX20SISO_Ant2_2412_0~Reference

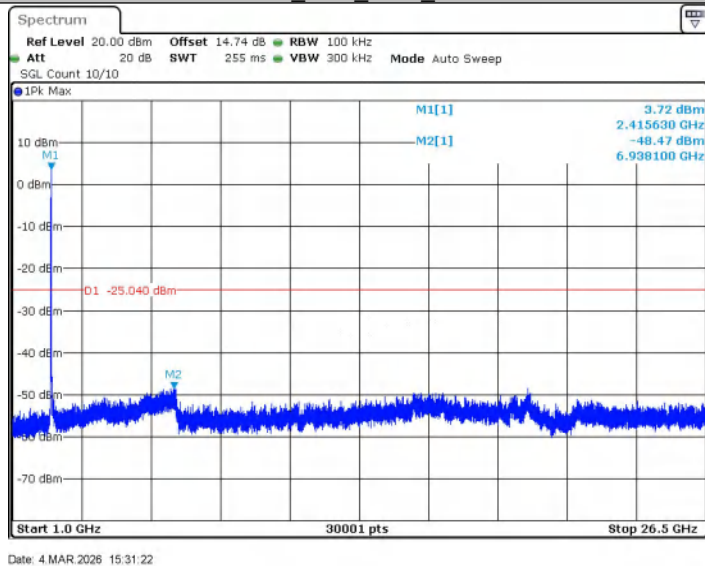


Date: 4.MAR.2026 15:31:07

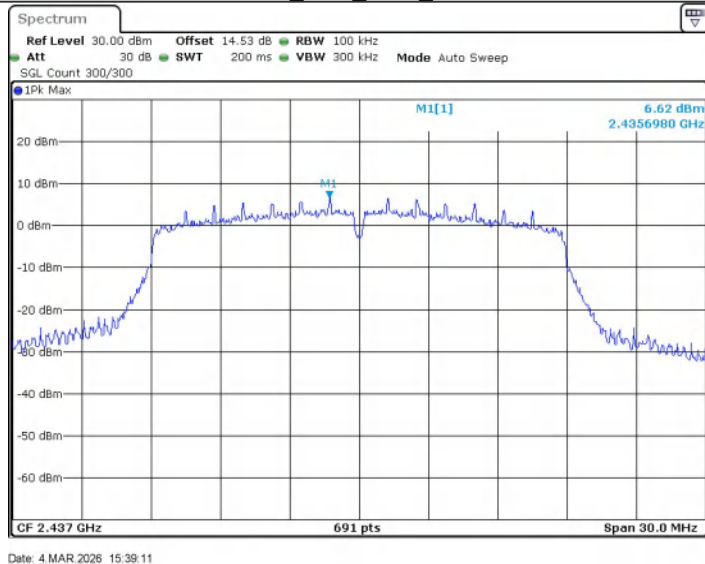
11AX20SISO_Ant2_2412_30~1000



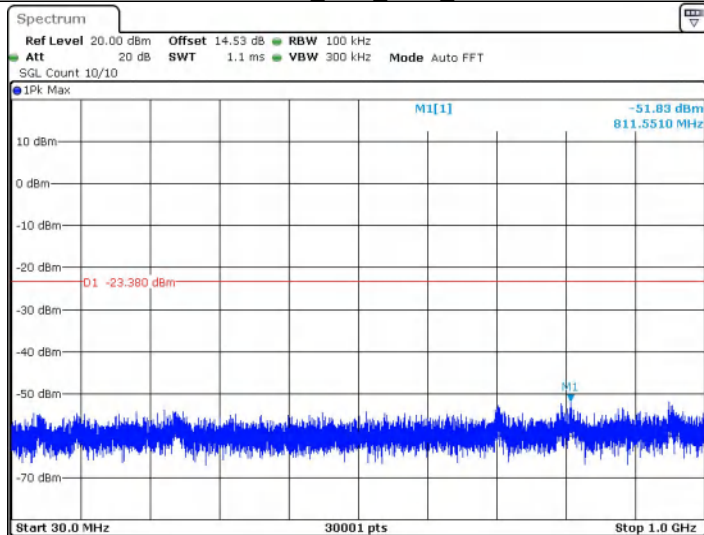
11AX20SISO_Ant2_2412_1000~26500



11AX20SISO_Ant2_2437_0~Reference

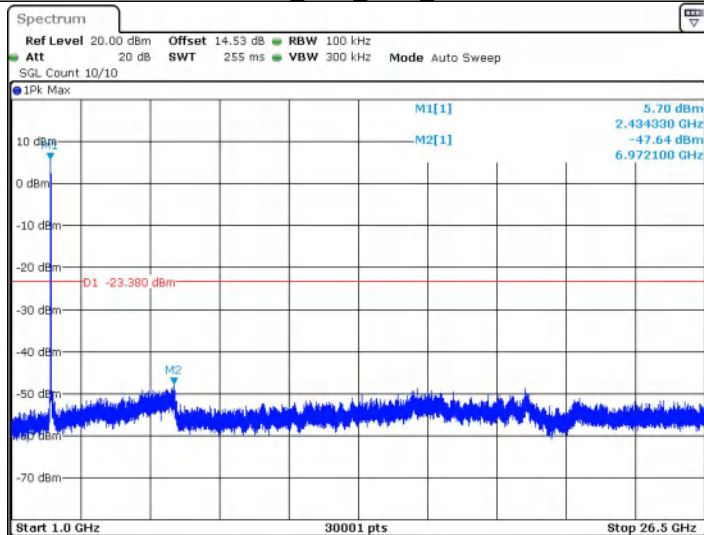


11AX20SISO_Ant2_2437_30~1000



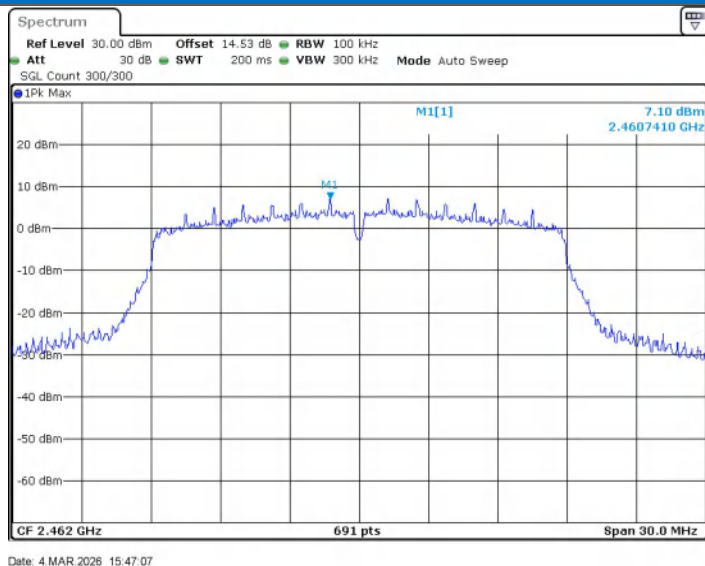
Date: 4 MAR 2026 15:39:15

11AX20SISO_Ant2_2437_1000~26500

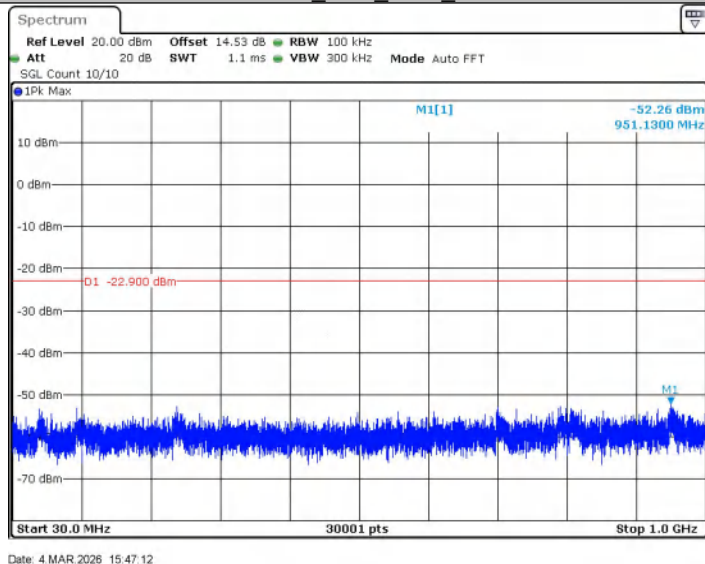


Date: 4 MAR 2026 15:39:25

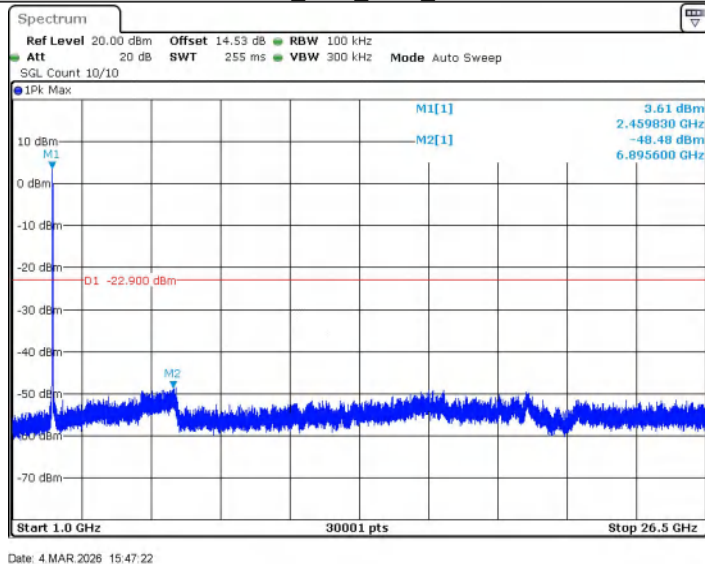
11AX20SISO_Ant2_2462_0~Reference



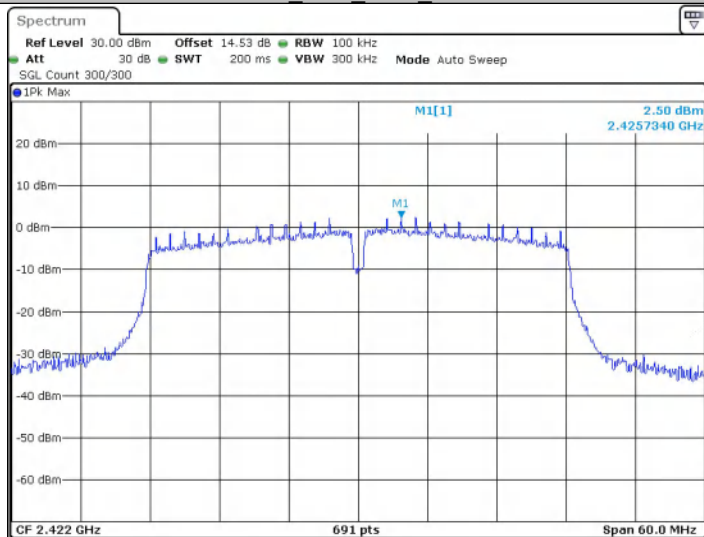
11AX20SISO_Ant2_2462_30~1000



11AX20SISO_Ant2_2462_1000~26500

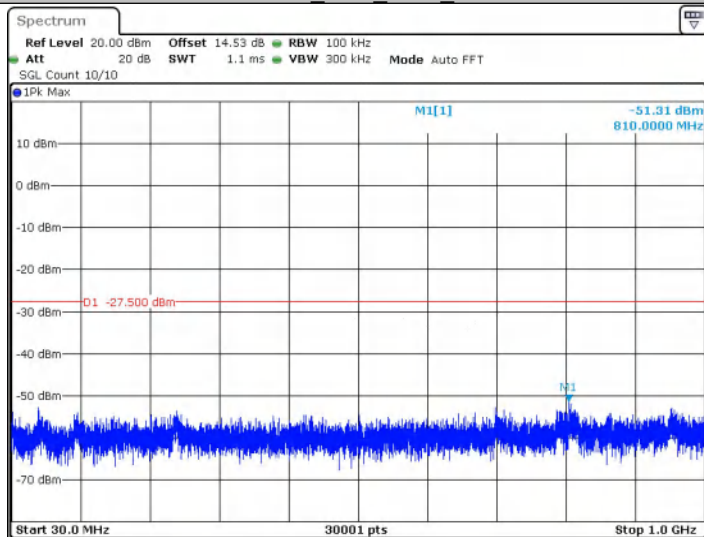


11AX40SISO_Ant2_2422_0~Reference



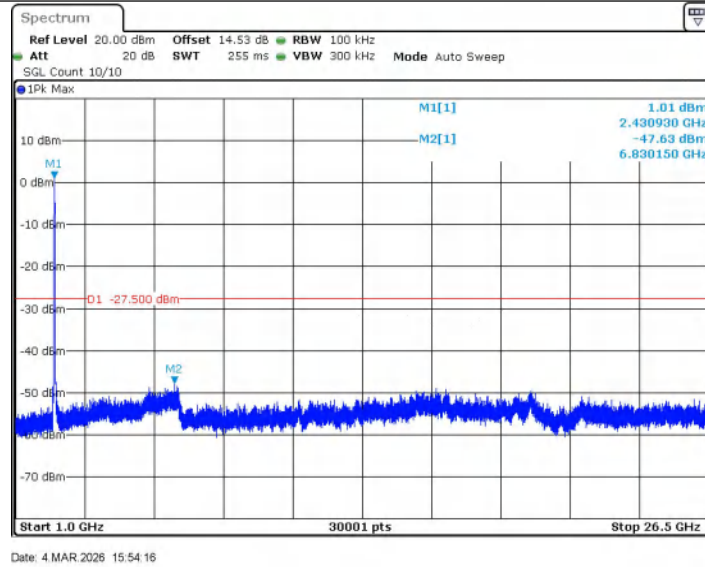
Date: 4 MAR 2026 15:54:01

11AX40SISO_Ant2_2422_30~1000

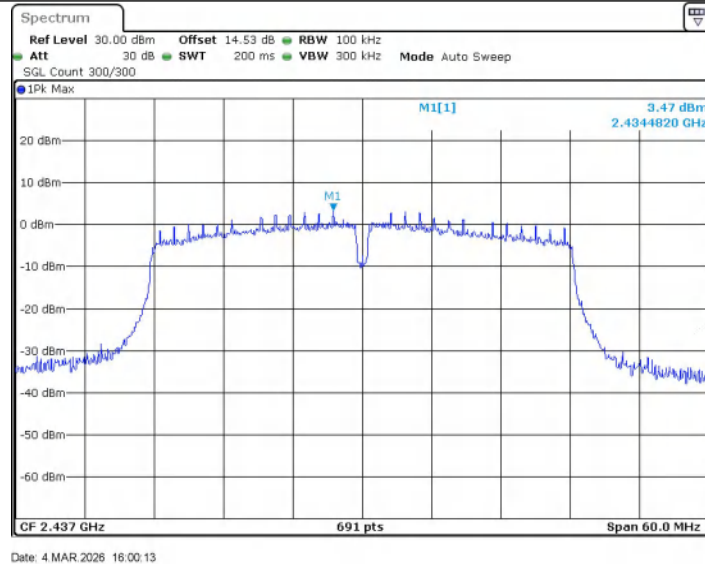


Date: 4 MAR 2026 15:54:05

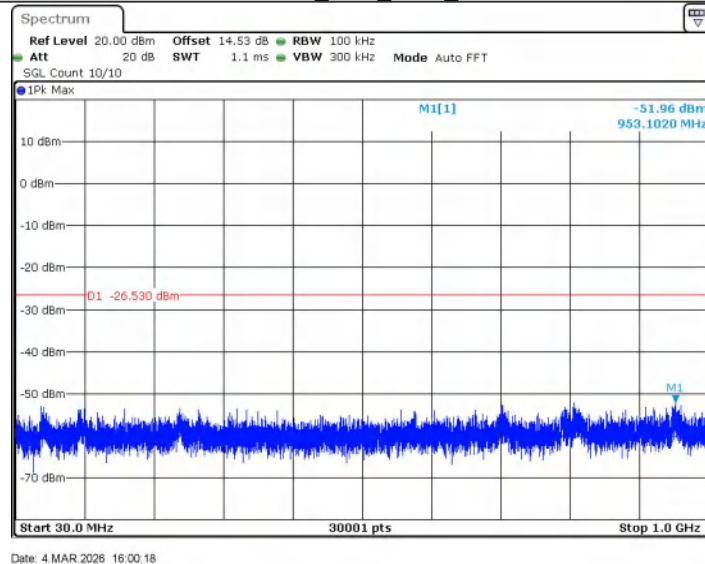
11AX40SISO_Ant2_2422_1000~26500



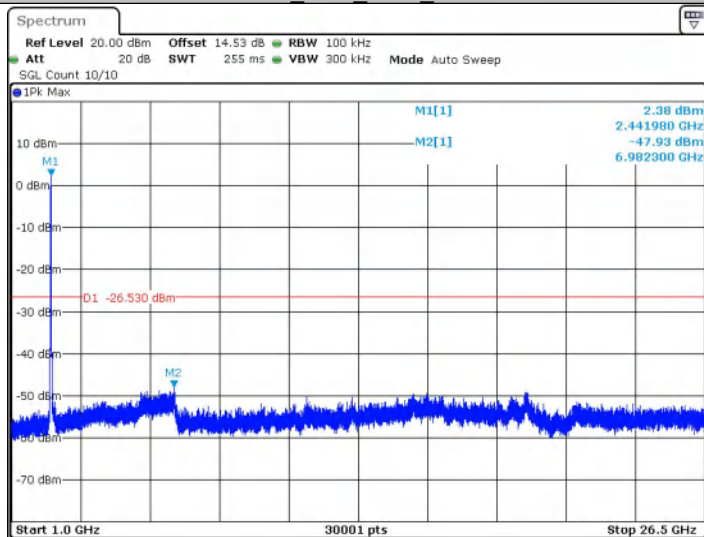
11AX40SISO_Ant2_2437_0~Reference



11AX40SISO_Ant2_2437_30~1000

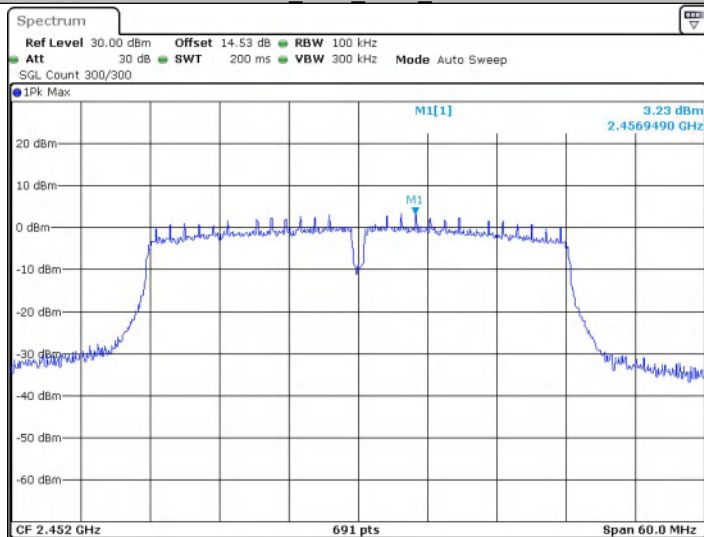


11AX40SISO_Ant2_2437_1000~26500



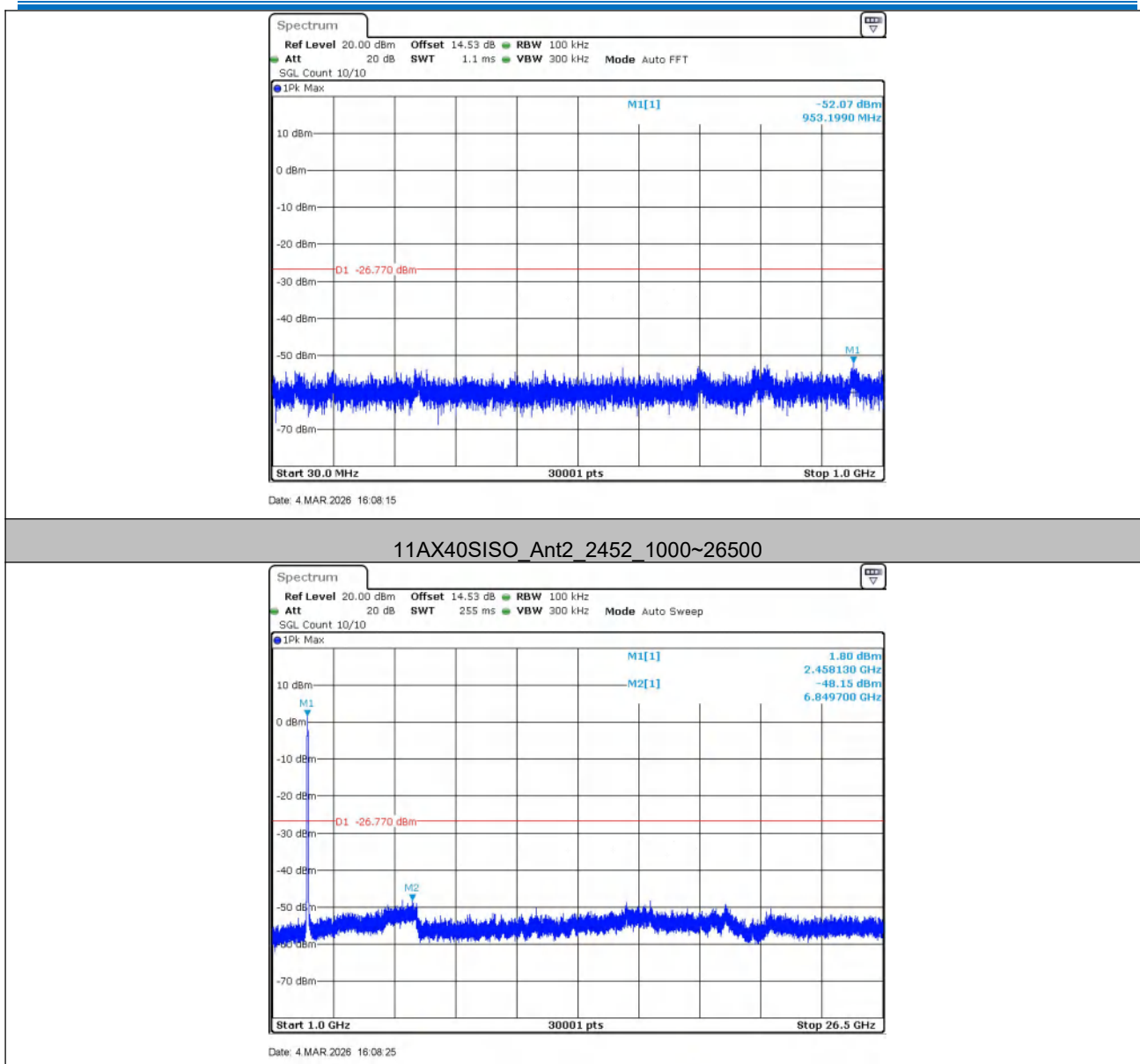
Date: 4 MAR 2026 16:00:28

11AX40SISO_Ant2_2452_0~Reference



Date: 4 MAR 2026 16:08:11

11AX40SISO_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.

5.9 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:

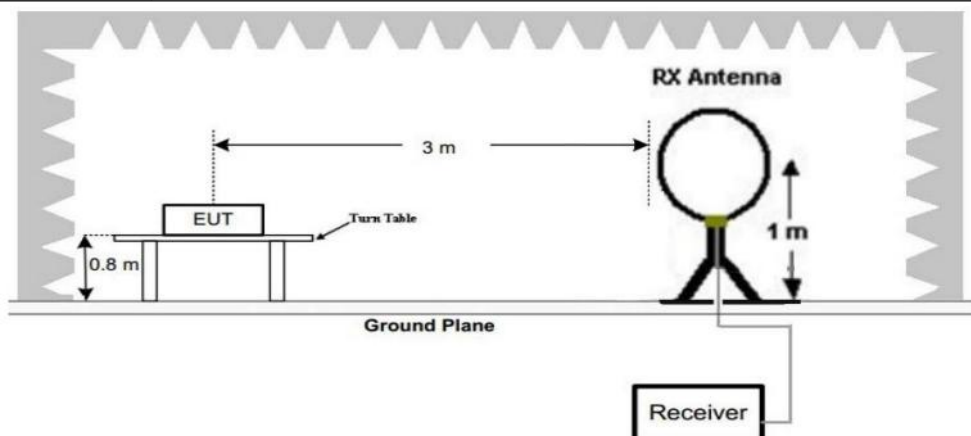


Figure 1. Below 30MHz

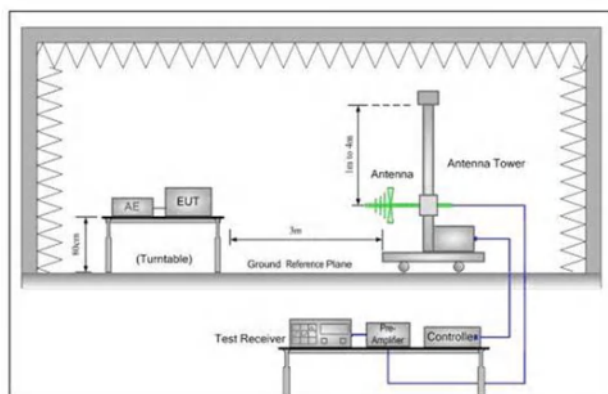


Figure 2. 30MHz to 1GHz

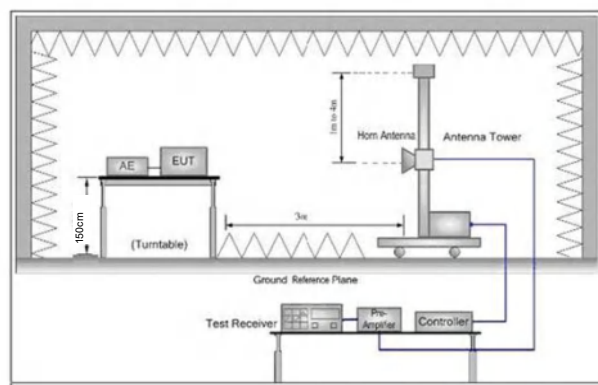


Figure 3. Above 1 GHz

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.

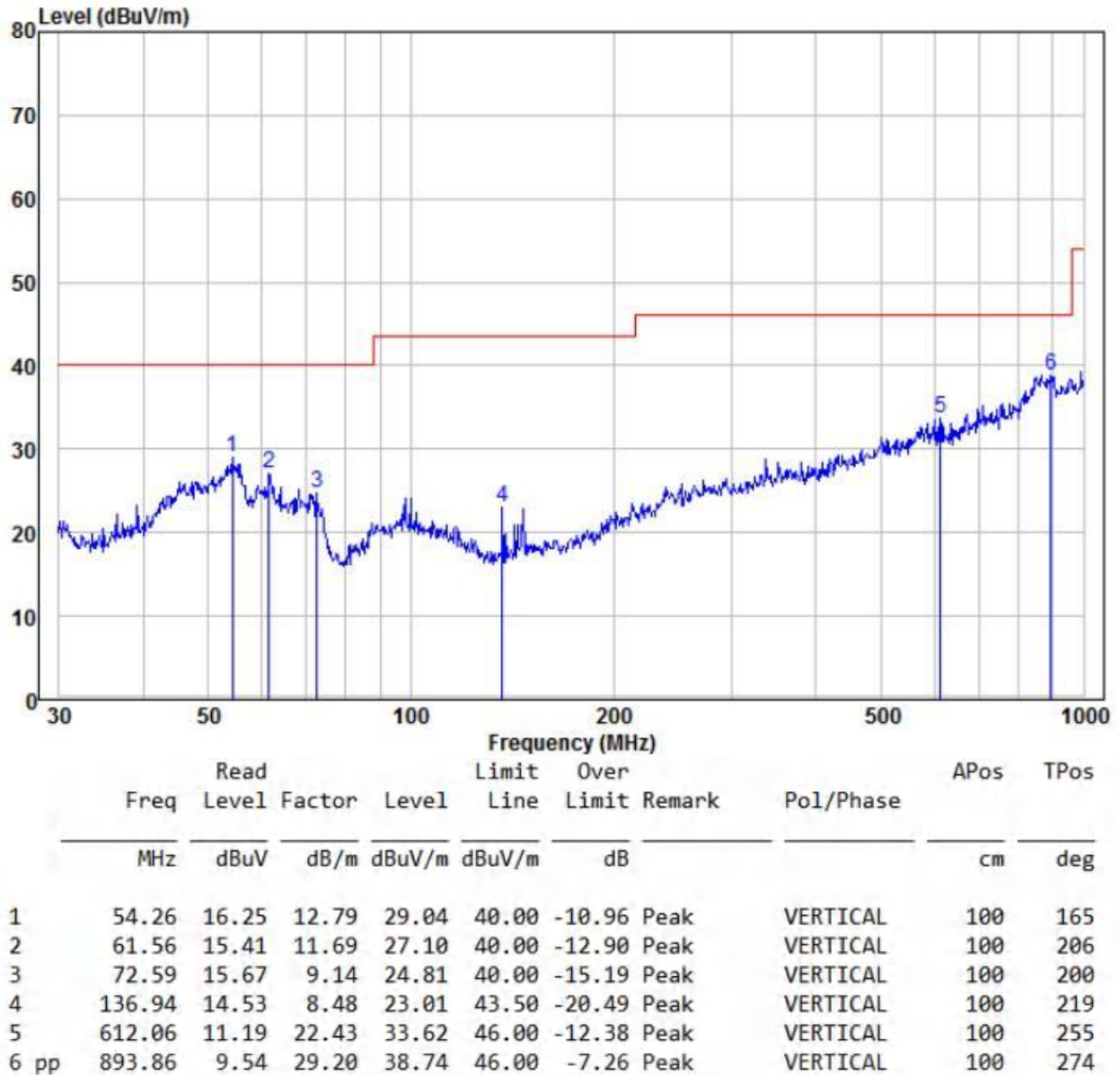
	d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum 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

5.9.1 Radiated emission below 1GHz

30MHz~1GHz

ANT1+ANT2:

Vertical



Remark:

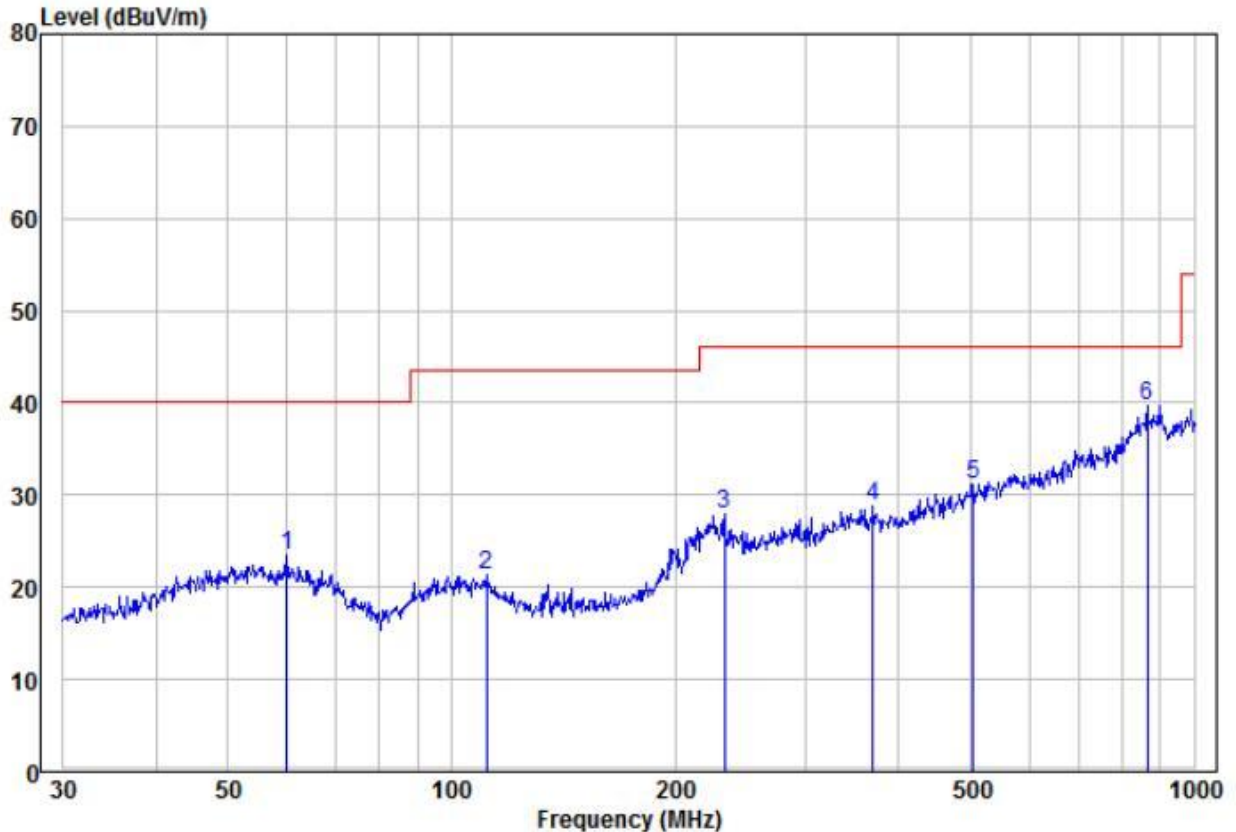
The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

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	60.07	11.44	23.50	40.00	-16.50	Peak	HORIZONTAL	100	321
2	111.35	9.75	21.38	43.50	-22.12	Peak	HORIZONTAL	100	360
3	233.35	13.41	27.94	46.00	-18.06	Peak	HORIZONTAL	100	224
4	369.40	10.25	28.88	46.00	-17.12	Peak	HORIZONTAL	100	155
5	504.71	10.15	31.14	46.00	-14.86	Peak	HORIZONTAL	100	218
6 pp	866.09	10.92	39.65	46.00	-6.35	Peak	HORIZONTAL	100	109

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.

5.9.2 Transmitter emission above 1GHz

ANT1:

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		
4824.000	54.20	-4.26	49.94	74	-24.06	peak	H	1.5	5
4824.000	37.97	-4.26	33.71	54	-20.29	AVG	H	1.5	200
7236.000	51.36	1.18	52.54	74	-21.46	peak	H	1.5	6
7236.000	37.43	1.18	38.61	54	-15.39	AVG	H	1.5	79
4824.000	55.31	-4.26	51.05	74	-22.95	peak	V	1.5	211
4824.000	38.25	-4.26	33.99	54	-20.01	AVG	V	1.5	296
7236.000	51.78	1.18	52.96	74	-21.04	peak	V	1.5	292
7236.000	35.73	1.18	36.91	54	-17.09	AVG	V	1.5	250

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		
4874.000	52.66	-4.12	48.54	74	-25.46	peak	H	1.5	236
4874.000	36.06	-4.12	31.94	54	-22.06	AVG	H	1.5	30
7311.000	48.35	1.46	49.81	74	-24.19	peak	H	1.5	72
7311.000	36.74	1.46	38.20	54	-15.80	AVG	H	1.5	245
4874.000	53.17	-4.12	49.05	74	-24.95	peak	V	1.5	26
4874.000	37.27	-4.12	33.15	54	-20.85	AVG	V	1.5	214
7311.000	49.56	1.46	51.02	74	-22.98	peak	V	1.5	185
7311.000	36.73	1.46	38.19	54	-15.81	AVG	V	1.5	310

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	51.44	-4.03	47.41	74	-26.59	peak	H	1.5	12
4924.000	37.76	-4.03	33.73	54	-20.27	AVG	H	1.5	282
7386.000	50.88	1.66	52.54	74	-21.46	peak	H	1.5	148
7386.000	35.98	1.66	37.64	54	-16.36	AVG	H	1.5	0
4924.000	53.26	-4.03	49.23	74	-24.77	peak	V	1.5	208
4924.000	38.39	-4.03	34.36	54	-19.64	AVG	V	1.5	336
7386.000	50.52	1.66	52.18	74	-21.82	peak	V	1.5	193
7386.000	36.69	1.66	38.35	54	-15.65	AVG	V	1.5	47

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	53.81	-4.26	49.55	74	-24.45	peak	H	1.5	326
4824.000	37.34	-4.26	33.08	54	-20.92	AVG	H	1.5	245
7236.000	51.41	1.18	52.59	74	-21.41	peak	H	1.5	254
7236.000	37.03	1.18	38.21	54	-15.79	AVG	H	1.5	43
4824.000	55.24	-4.26	50.98	74	-23.02	peak	V	1.5	210
4824.000	38.18	-4.26	33.92	54	-20.08	AVG	V	1.5	218
7236.000	51.21	1.18	52.39	74	-21.61	peak	V	1.5	255
7236.000	36.83	1.18	38.01	54	-15.99	AVG	V	1.5	87

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	51.53	-4.12	47.41	74	-26.59	peak	H	1.5	179
4874.000	37.82	-4.12	33.70	54	-20.30	AVG	H	1.5	77
7311.000	50.15	1.46	51.61	74	-22.39	peak	H	1.5	280
7311.000	36.69	1.46	38.15	54	-15.85	AVG	H	1.5	256
4874.000	52.38	-4.12	48.26	74	-25.74	peak	V	1.5	230
4874.000	36.99	-4.12	32.87	54	-21.13	AVG	V	1.5	344
7311.000	49.18	1.46	50.64	74	-23.36	peak	V	1.5	107
7311.000	36.40	1.46	37.86	54	-16.14	AVG	V	1.5	329

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 (m)	Table Angle (Degree)
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)				
4924.000	53.10	-4.03	49.07	74	-24.93	peak	H	1.5	250
4924.000	37.15	-4.03	33.12	54	-20.88	AVG	H	1.5	328
7386.000	50.53	1.66	52.19	74	-21.81	peak	H	1.5	97
7386.000	36.80	1.66	38.46	54	-15.54	AVG	H	1.5	138
4924.000	54.56	-4.03	50.53	74	-23.47	peak	V	1.5	240
4924.000	38.42	-4.03	34.39	54	-19.61	AVG	V	1.5	139
7386.000	51.13	1.66	52.79	74	-21.21	peak	V	1.5	196
7386.000	37.86	1.66	39.52	54	-14.48	AVG	V	1.5	215

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.

ANT2:

Test mode:		802.11b(1Mbps)		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)
4824.000	52.65	-4.26	48.39	74	-25.61	peak	H	1.5	146
4824.000	37.44	-4.26	33.18	54	-20.82	AVG	H	1.5	151
7236.000	51.19	1.18	52.37	74	-21.63	peak	H	1.5	154
7236.000	37.09	1.18	38.27	54	-15.73	AVG	H	1.5	140
4824.000	55.86	-4.26	51.60	74	-22.40	peak	V	1.5	122
4824.000	39.16	-4.26	34.90	54	-19.10	AVG	V	1.5	344
7236.000	52.17	1.18	53.35	74	-20.65	peak	V	1.5	165
7236.000	36.33	1.18	37.51	54	-16.49	AVG	V	1.5	182

Test mode:		802.11b(1Mbps)		Test channel:		Middle			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	Type	H/V	(m)	(Degree)
4874.000	51.24	-4.12	47.12	74	-26.88	peak	H	1.5	211
4874.000	35.99	-4.12	31.87	54	-22.13	AVG	H	1.5	197
7311.000	48.81	1.46	50.27	74	-23.73	peak	H	1.5	78
7311.000	36.96	1.46	38.42	54	-15.58	AVG	H	1.5	155
4874.000	54.04	-4.12	49.92	74	-24.08	peak	V	1.5	4
4874.000	36.68	-4.12	32.56	54	-21.44	AVG	V	1.5	244
7311.000	50.23	1.46	51.69	74	-22.31	peak	V	1.5	264
7311.000	35.89	1.46	37.35	54	-16.65	AVG	V	1.5	52

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	51.36	-4.03	47.33	74	-26.67	peak	H	1.5	185
4924.000	37.18	-4.03	33.15	54	-20.85	AVG	H	1.5	281
7386.000	50.65	1.66	52.31	74	-21.69	peak	H	1.5	88
7386.000	37.96	1.66	39.62	54	-14.38	AVG	H	1.5	148
4924.000	54.96	-4.03	50.93	74	-23.07	peak	V	1.5	109
4924.000	37.95	-4.03	33.92	54	-20.08	AVG	V	1.5	281
7386.000	49.78	1.66	51.44	74	-22.56	peak	V	1.5	1
7386.000	35.98	1.66	37.64	54	-16.36	AVG	V	1.5	42

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	54.10	-4.26	49.84	74	-24.16	peak	H	1.5	43
4824.000	37.23	-4.26	32.97	54	-21.03	AVG	H	1.5	257
7236.000	51.25	1.18	52.43	74	-21.57	peak	H	1.5	117
7236.000	38.13	1.18	39.31	54	-14.69	AVG	H	1.5	252
4824.000	54.71	-4.26	50.45	74	-23.55	peak	V	1.5	15
4824.000	38.14	-4.26	33.88	54	-20.12	AVG	V	1.5	85
7236.000	51.94	1.18	53.12	74	-20.88	peak	V	1.5	130
7236.000	35.58	1.18	36.76	54	-17.24	AVG	V	1.5	135

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	52.77	-4.12	48.65	74	-25.35	peak	H	1.5	181
4874.000	37.71	-4.12	33.59	54	-20.41	AVG	H	1.5	222
7311.000	49.30	1.46	50.76	74	-23.24	peak	H	1.5	50
7311.000	35.04	1.46	36.50	54	-17.50	AVG	H	1.5	352
4874.000	52.51	-4.12	48.39	74	-25.61	peak	V	1.5	178
4874.000	37.83	-4.12	33.71	54	-20.29	AVG	V	1.5	154
7311.000	49.85	1.46	51.31	74	-22.69	peak	V	1.5	329
7311.000	35.24	1.46	36.70	54	-17.30	AVG	V	1.5	247

Test mode:		802.11g(6Mbps)		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	52.42	-4.03	48.39	74	-25.61	peak	H	1.5	95
4924.000	38.66	-4.03	34.63	54	-19.37	AVG	H	1.5	198
7386.000	50.10	1.66	51.76	74	-22.24	peak	H	1.5	38
7386.000	37.22	1.66	38.88	54	-15.12	AVG	H	1.5	10
4924.000	53.36	-4.03	49.33	74	-24.67	peak	V	1.5	153
4924.000	37.86	-4.03	33.83	54	-20.17	AVG	V	1.5	122
7386.000	49.34	1.66	51.00	74	-23.00	peak	V	1.5	59
7386.000	37.84	1.66	39.50	54	-14.50	AVG	V	1.5	335

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:

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	52.80	-4.26	48.54	74	-25.46	peak	H	1.5	336
4824.000	36.36	-4.26	32.10	54	-21.90	AVG	H	1.5	205
7236.000	50.99	1.18	52.17	74	-21.83	peak	H	1.5	151
7236.000	38.64	1.18	39.82	54	-14.18	AVG	H	1.5	212
4824.000	55.58	-4.26	51.32	74	-22.68	peak	V	1.5	265
4824.000	38.40	-4.26	34.14	54	-19.86	AVG	V	1.5	74
7236.000	51.39	1.18	52.57	74	-21.43	peak	V	1.5	326
7236.000	36.86	1.18	38.04	54	-15.96	AVG	V	1.5	230

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	53.03	-4.12	48.91	74	-25.09	peak	H	1.5	180
4874.000	37.71	-4.12	33.59	54	-20.41	AVG	H	1.5	242
7311.000	50.14	1.46	51.60	74	-22.40	peak	H	1.5	220
7311.000	35.98	1.46	37.44	54	-16.56	AVG	H	1.5	259
4874.000	53.35	-4.12	49.23	74	-24.77	peak	V	1.5	186
4874.000	37.09	-4.12	32.97	54	-21.03	AVG	V	1.5	241
7311.000	48.90	1.46	50.36	74	-23.64	peak	V	1.5	212
7311.000	35.80	1.46	37.26	54	-16.74	AVG	V	1.5	205

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	52.76	-4.03	48.73	74	-25.27	peak	H	1.5	298
4924.000	37.45	-4.03	33.42	54	-20.58	AVG	H	1.5	150
7386.000	49.79	1.66	51.45	74	-22.55	peak	H	1.5	209
7386.000	37.86	1.66	39.52	54	-14.48	AVG	H	1.5	166
4924.000	54.85	-4.03	50.82	74	-23.18	peak	V	1.5	291
4924.000	38.23	-4.03	34.20	54	-19.80	AVG	V	1.5	77
7386.000	51.09	1.66	52.75	74	-21.25	peak	V	1.5	239
7386.000	37.54	1.66	39.20	54	-14.80	AVG	V	1.5	4

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	53.68	-4.24	49.44	74	-24.56	peak	H	1.5	223
4824.000	37.26	-4.24	33.02	54	-20.98	AVG	H	1.5	226
7236.000	52.08	1.2	53.28	74	-20.72	peak	H	1.5	15
7236.000	38.41	1.2	39.61	54	-14.39	AVG	H	1.5	217
4824.000	55.20	-4.24	50.96	74	-23.04	peak	V	1.5	100
4824.000	38.55	-4.24	34.31	54	-19.69	AVG	V	1.5	118
7236.000	51.90	1.2	53.10	74	-20.90	peak	V	1.5	51
7236.000	36.94	1.2	38.14	54	-15.86	AVG	V	1.5	328

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	52.29	-4.12	48.17	74	-25.83	peak	H	1.5	177
4874.000	36.97	-4.12	32.85	54	-21.15	AVG	H	1.5	147
7311.000	48.90	1.46	50.36	74	-23.64	peak	H	1.5	176
7311.000	35.82	1.46	37.28	54	-16.72	AVG	H	1.5	246
4874.000	52.91	-4.12	48.79	74	-25.21	peak	V	1.5	304
4874.000	36.56	-4.12	32.44	54	-21.56	AVG	V	1.5	316
7311.000	48.76	1.46	50.22	74	-23.78	peak	V	1.5	258
7311.000	35.61	1.46	37.07	54	-16.93	AVG	V	1.5	356

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	53.78	-4.05	49.73	74	-24.27	peak	H	1.5	35
4924.000	36.13	-4.05	32.08	54	-21.92	AVG	H	1.5	229
7386.000	50.51	1.64	52.15	74	-21.85	peak	H	1.5	102
7386.000	37.18	1.64	38.82	54	-15.18	AVG	H	1.5	345
4924.000	54.55	-4.05	50.50	74	-23.50	peak	V	1.5	177
4924.000	39.19	-4.05	35.14	54	-18.86	AVG	V	1.5	228
7386.000	50.85	1.64	52.49	74	-21.51	peak	V	1.5	31
7386.000	35.99	1.64	37.63	54	-16.37	AVG	V	1.5	260

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.

Test mode:		802.11ax20(17.2Mbps)		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	53.55	-4.26	49.29	74	-24.71	peak	H	1.5	45
4824.000	36.16	-4.26	31.90	54	-22.10	AVG	H	1.5	333
7236.000	50.87	1.18	52.05	74	-21.95	peak	H	1.5	287
7236.000	37.84	1.18	39.02	54	-14.98	AVG	H	1.5	218
4824.000	56.12	-4.26	51.86	74	-22.14	peak	V	1.5	355
4824.000	39.48	-4.26	35.22	54	-18.78	AVG	V	1.5	204
7236.000	51.48	1.18	52.66	74	-21.34	peak	V	1.5	288
7236.000	35.82	1.18	37.00	54	-17.00	AVG	V	1.5	53

Test mode:		802.11ax20(8.6Mbps)		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	52.40	-4.12	48.28	74	-25.72	peak	H	1.5	215
4874.000	37.22	-4.12	33.10	54	-20.90	AVG	H	1.5	42
7311.000	49.38	1.46	50.84	74	-23.16	peak	H	1.5	226
7311.000	36.29	1.46	37.75	54	-16.25	AVG	H	1.5	267
4874.000	52.39	-4.12	48.27	74	-25.73	peak	V	1.5	59
4874.000	36.96	-4.12	32.84	54	-21.16	AVG	V	1.5	319
7311.000	48.82	1.46	50.28	74	-23.72	peak	V	1.5	34
7311.000	36.91	1.46	38.37	54	-15.63	AVG	V	1.5	133

Test mode:		802.11ax20(8.6Mbps)		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	52.09	-4.03	48.06	74	-25.94	peak	H	1.5	135
4924.000	38.28	-4.03	34.25	54	-19.75	AVG	H	1.5	206
7386.000	50.33	1.66	51.99	74	-22.01	peak	H	1.5	7
7386.000	37.89	1.66	39.55	54	-14.45	AVG	H	1.5	189
4924.000	54.12	-4.03	50.09	74	-23.91	peak	V	1.5	306
4924.000	38.41	-4.03	34.38	54	-19.62	AVG	V	1.5	299
7386.000	50.26	1.66	51.92	74	-22.08	peak	V	1.5	83
7386.000	36.94	1.66	38.60	54	-15.40	AVG	V	1.5	321

Remark:

- 1) The MCS0 of rate of 802.11ax20 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:		802.11ax40(17.2Mbps)		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	52.93	-4.24	48.69	74	-25.31	peak	H	1.5	109
4824.000	37.82	-4.24	33.58	54	-20.42	AVG	H	1.5	293
7236.000	52.11	1.2	53.31	74	-20.69	peak	H	1.5	11
7236.000	38.25	1.2	39.45	54	-14.55	AVG	H	1.5	278
4824.000	54.55	-4.24	50.31	74	-23.69	peak	V	1.5	272
4824.000	39.18	-4.24	34.94	54	-19.06	AVG	V	1.5	300
7236.000	50.92	1.2	52.12	74	-21.88	peak	V	1.5	7
7236.000	35.63	1.2	36.83	54	-17.17	AVG	V	1.5	329

Test mode:		802.11ax40(17.2Mbps)		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	52.14	-4.12	48.02	74	-25.98	peak	H	1.5	292
4874.000	36.22	-4.12	32.10	54	-21.90	AVG	H	1.5	97
7311.000	49.45	1.46	50.91	74	-23.09	peak	H	1.5	119
7311.000	35.96	1.46	37.42	54	-16.58	AVG	H	1.5	103
4874.000	52.33	-4.12	48.21	74	-25.79	peak	V	1.5	12
4874.000	36.03	-4.12	31.91	54	-22.09	AVG	V	1.5	240
7311.000	48.63	1.46	50.09	74	-23.91	peak	V	1.5	191
7311.000	35.96	1.46	37.42	54	-16.58	AVG	V	1.5	11

Test mode:		802.11ax40(1.2Mbps)		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	53.95	-4.05	49.90	74	-24.10	peak	H	1.5	266
4924.000	36.09	-4.05	32.04	54	-21.96	AVG	H	1.5	331
7386.000	50.96	1.64	52.60	74	-21.40	peak	H	1.5	52
7386.000	38.72	1.64	40.36	54	-13.64	AVG	H	1.5	283
4924.000	55.23	-4.05	51.18	74	-22.82	peak	V	1.5	45
4924.000	38.49	-4.05	34.44	54	-19.56	AVG	V	1.5	194
7386.000	50.42	1.64	52.06	74	-21.94	peak	V	1.5	196
7386.000	35.19	1.64	36.83	54	-17.17	AVG	V	1.5	157

Remark:

- 1) The MCS0 of rate of 802.11ax40 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.

5.10 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:

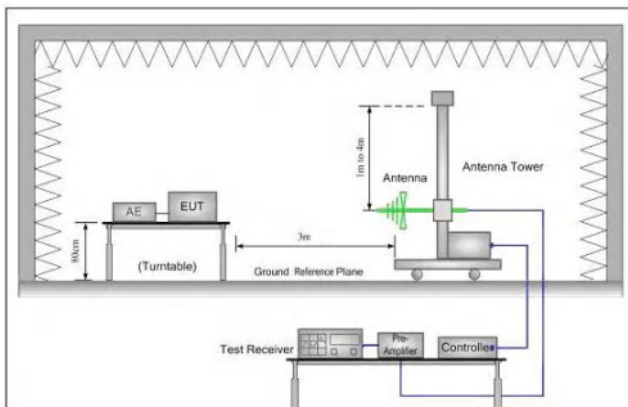


Figure 1. 30MHz to 1GHz

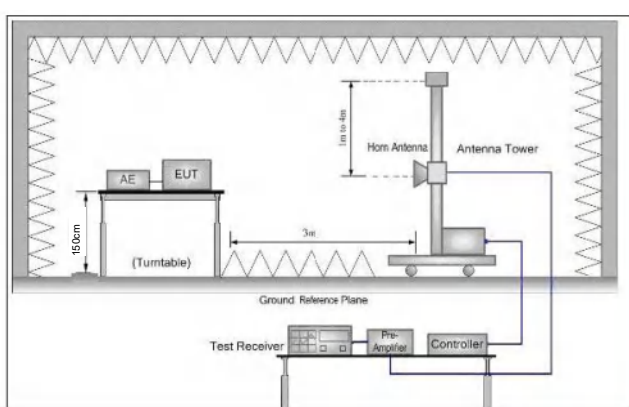


Figure 2. Above 1 GHz

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), 8.6Mbps of rate is the worst case of 802.11ax(HE20); 17.2Mbps of rate is the worst case of 802.11ax(HE40). Only the worst case is recorded in the report.
Test Results:	Pass

Test data:

Ant1:

Worse case mode:		802.11b(1Mbps)		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	58.99	-9.2	49.79	74	-24.21	peak	H	1.5	334
2390.000	44.62	-9.2	35.42	54	-18.58	AVG	H	1.5	299
2400.000	59.75	-9.39	50.36	74	-23.64	peak	H	1.5	94
2400.000	46.53	-9.39	37.14	54	-16.86	AVG	H	1.5	180
2390.000	58.49	-9.2	49.29	74	-24.71	peak	V	1.5	30
2390.000	44.76	-9.2	35.56	54	-18.44	AVG	V	1.5	105
2400.000	59.73	-9.39	50.34	74	-23.66	peak	V	1.5	104
2400.000	46.49	-9.39	37.10	54	-16.90	AVG	V	1.5	282

Worse case mode:		802.11b(1Mbps)		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	57.79	-9.29	48.50	74	-25.50	peak	H	1.5	270
2483.500	43.90	-9.29	34.61	54	-19.39	AVG	H	1.5	235
2483.500	58.30	-9.29	49.01	74	-24.99	peak	V	1.5	298
2483.500	45.53	-9.29	36.24	54	-17.76	AVG	V	1.5	147

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	58.43	-9.2	49.23	74	-24.77	peak	H	1.5	308
2390.000	44.98	-9.2	35.78	54	-18.22	AVG	H	1.5	133
2400.000	60.12	-9.39	50.73	74	-23.27	peak	H	1.5	346
2400.000	46.41	-9.39	37.02	54	-16.98	AVG	H	1.5	27
2390.000	58.88	-9.2	49.68	74	-24.32	peak	V	1.5	322
2390.000	44.95	-9.2	35.75	54	-18.25	AVG	V	1.5	293
2400.000	59.80	-9.39	50.41	74	-23.59	peak	V	1.5	112
2400.000	46.63	-9.39	37.24	54	-16.76	AVG	V	1.5	57

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	57.62	-9.29	48.33	74	-25.67	peak	H	1.5	52
2483.500	43.86	-9.29	34.57	54	-19.43	AVG	H	1.5	298
2483.500	58.07	-9.29	48.78	74	-25.22	peak	V	1.5	221
2483.500	45.99	-9.29	36.70	54	-17.30	AVG	V	1.5	74

Ant2:

Worse case mode:		802.11b(1Mbps)		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	58.64	-9.2	49.44	74	-24.56	peak	H	1.5	311
2390.000	44.00	-9.2	34.80	54	-19.20	AVG	H	1.5	101
2400.000	59.87	-9.39	50.48	74	-23.52	peak	H	1.5	0
2400.000	46.83	-9.39	37.44	54	-16.56	AVG	H	1.5	328
2390.000	58.54	-9.2	49.34	74	-24.66	peak	V	1.5	345
2390.000	44.87	-9.2	35.67	54	-18.33	AVG	V	1.5	214
2400.000	59.38	-9.39	49.99	74	-24.01	peak	V	1.5	233
2400.000	46.98	-9.39	37.59	54	-16.41	AVG	V	1.5	347

Worse case mode:		802.11b(1Mbps)		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	57.59	-9.29	48.30	74	-25.70	peak	H	1.5	19
2483.500	43.50	-9.29	34.21	54	-19.79	AVG	H	1.5	238
2483.500	58.01	-9.29	48.72	74	-25.28	peak	V	1.5	352
2483.500	45.69	-9.29	36.40	54	-17.60	AVG	V	1.5	20

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	58.92	-9.2	49.72	74	-24.28	peak	H	1.5	23
2390.000	44.51	-9.2	35.31	54	-18.69	AVG	H	1.5	84
2400.000	60.08	-9.39	50.69	74	-23.31	peak	H	1.5	235
2400.000	46.06	-9.39	36.67	54	-17.33	AVG	H	1.5	166
2390.000	59.18	-9.2	49.98	74	-24.02	peak	V	1.5	339
2390.000	44.66	-9.2	35.46	54	-18.54	AVG	V	1.5	136
2400.000	59.58	-9.39	50.19	74	-23.81	peak	V	1.5	218
2400.000	46.82	-9.39	37.43	54	-16.57	AVG	V	1.5	157

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	57.84	-9.29	48.55	74	-25.45	peak	H	1.5	146
2483.500	43.72	-9.29	34.43	54	-19.57	AVG	H	1.5	268
2483.500	57.90	-9.29	48.61	74	-25.39	peak	V	1.5	249
2483.500	45.93	-9.29	36.64	54	-17.36	AVG	V	1.5	48

Ant1+Ant2:

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	59.11	-9.2	49.91	74	-24.09	peak	H	1.5	77
2390.000	44.71	-9.2	35.51	54	-18.49	AVG	H	1.5	72
2400.000	59.40	-9.39	50.01	74	-23.99	peak	H	1.5	35
2400.000	46.31	-9.39	36.92	54	-17.08	AVG	H	1.5	292
2390.000	58.77	-9.2	49.57	74	-24.43	peak	V	1.5	331
2390.000	44.83	-9.2	35.63	54	-18.37	AVG	V	1.5	36
2400.000	59.46	-9.39	50.07	74	-23.93	peak	V	1.5	55
2400.000	46.29	-9.39	36.90	54	-17.10	AVG	V	1.5	264

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	57.77	-9.29	48.48	74	-25.52	peak	H	1.5	115
2483.500	44.22	-9.29	34.93	54	-19.07	AVG	H	1.5	116
2483.500	58.39	-9.29	49.10	74	-24.90	peak	V	1.5	221
2483.500	46.44	-9.29	37.15	54	-16.85	AVG	V	1.5	20

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	58.95	-9.2	49.75	74	-24.25	peak	H	1.5	205
2390.000	44.18	-9.2	34.98	54	-19.02	AVG	H	1.5	57
2400.000	59.26	-9.39	49.87	74	-24.13	peak	H	1.5	281
2400.000	46.44	-9.39	37.05	54	-16.95	AVG	H	1.5	27
2390.000	58.64	-9.2	49.44	74	-24.56	peak	V	1.5	175
2390.000	44.33	-9.2	35.13	54	-18.87	AVG	V	1.5	33
2400.000	59.47	-9.39	50.08	74	-23.92	peak	V	1.5	104
2400.000	46.09	-9.39	36.70	54	-17.30	AVG	V	1.5	129

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	57.66	-9.29	48.37	74	-25.63	peak	H	1.5	32
2483.500	44.14	-9.29	34.85	54	-19.15	AVG	H	1.5	321
2483.500	57.90	-9.29	48.61	74	-25.39	peak	V	1.5	282
2483.500	46.32	-9.29	37.03	54	-16.97	AVG	V	1.5	354

Worse case mode:		802.11ax(HE20)(17.2Mbps)		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	58.56	-9.2	49.36	74	-24.64	peak	H	1.5	99
2390.000	44.58	-9.2	35.38	54	-18.62	AVG	H	1.5	124
2400.000	59.51	-9.39	50.12	74	-23.88	peak	H	1.5	224
2400.000	46.98	-9.39	37.59	54	-16.41	AVG	H	1.5	356
2390.000	58.54	-9.2	49.34	74	-24.66	peak	V	1.5	164
2390.000	44.17	-9.2	34.97	54	-19.03	AVG	V	1.5	289
2400.000	60.01	-9.39	50.62	74	-23.38	peak	V	1.5	137
2400.000	46.59	-9.39	37.20	54	-16.80	AVG	V	1.5	71

Worse case mode:		802.11ax(HE20)(17.2Mbps)		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	58.37	-9.29	49.08	74	-24.92	peak	H	1.5	157
2483.500	44.05	-9.29	34.76	54	-19.24	AVG	H	1.5	180
2483.500	58.03	-9.29	48.74	74	-25.26	peak	V	1.5	230
2483.500	45.97	-9.29	36.68	54	-17.32	AVG	V	1.5	77

Worse case mode:		802.11ax(HE40)(34.4Mbps)		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	58.29	-9.2	49.09	74	-24.91	peak	H	1.5	48
2390.000	44.15	-9.2	34.95	54	-19.05	AVG	H	1.5	342
2400.000	59.49	-9.39	50.10	74	-23.90	peak	H	1.5	166
2400.000	46.02	-9.39	36.63	54	-17.37	AVG	H	1.5	187
2390.000	58.72	-9.2	49.52	74	-24.48	peak	V	1.5	333
2390.000	44.80	-9.2	35.60	54	-18.40	AVG	V	1.5	154
2400.000	59.52	-9.39	50.13	74	-23.87	peak	V	1.5	30
2400.000	46.79	-9.39	37.40	54	-16.60	AVG	V	1.5	153

Worse case mode:		802.11ax(HE40)(34.4Mbps)		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	57.67	-9.29	48.38	74	-25.62	peak	H	1.5	253
2483.500	44.16	-9.29	34.87	54	-19.13	AVG	H	1.5	352
2483.500	58.09	-9.29	48.80	74	-25.20	peak	V	1.5	330
2483.500	45.91	-9.29	36.62	54	-17.38	AVG	V	1.5	37

Note:

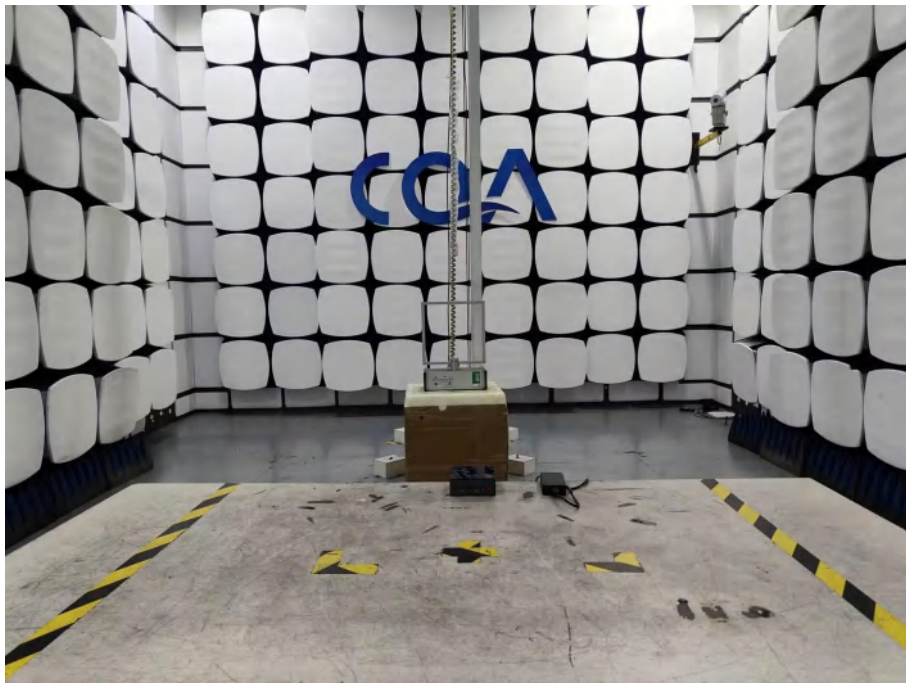
The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor

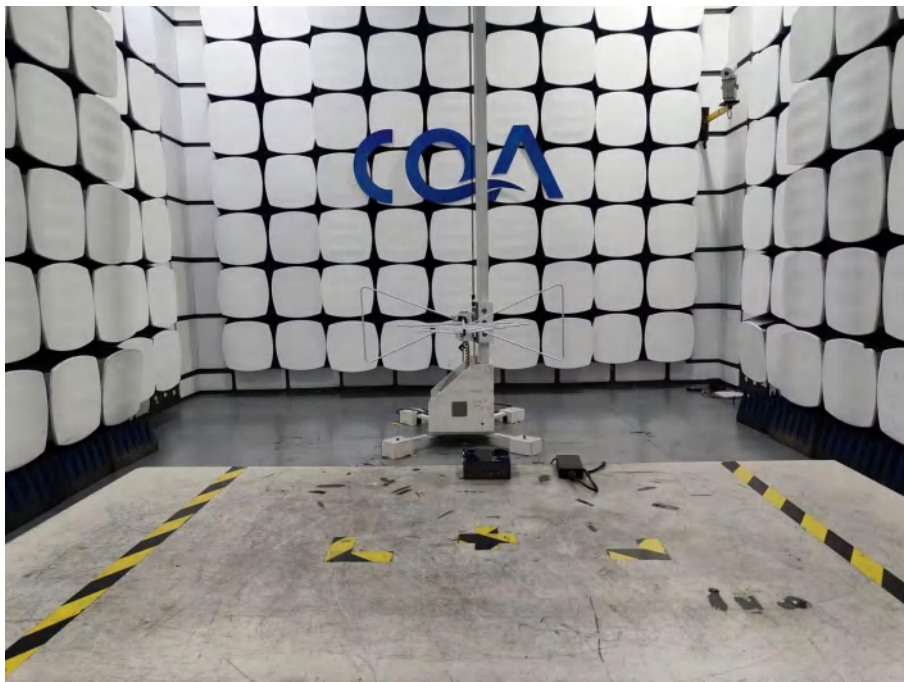
6 Photographs - EUT Test Setup

6.1 Radiated Emission

9KHz~30MHz:



30MHz~1GHz:



Above 1GHz:



6.2 Conducted Emission



7 Photographs - EUT Constructional Details

Refer to PHOTOGRAPHS OF EUT for CQASZ20260100283E-01.

*** END OF REPORT ***