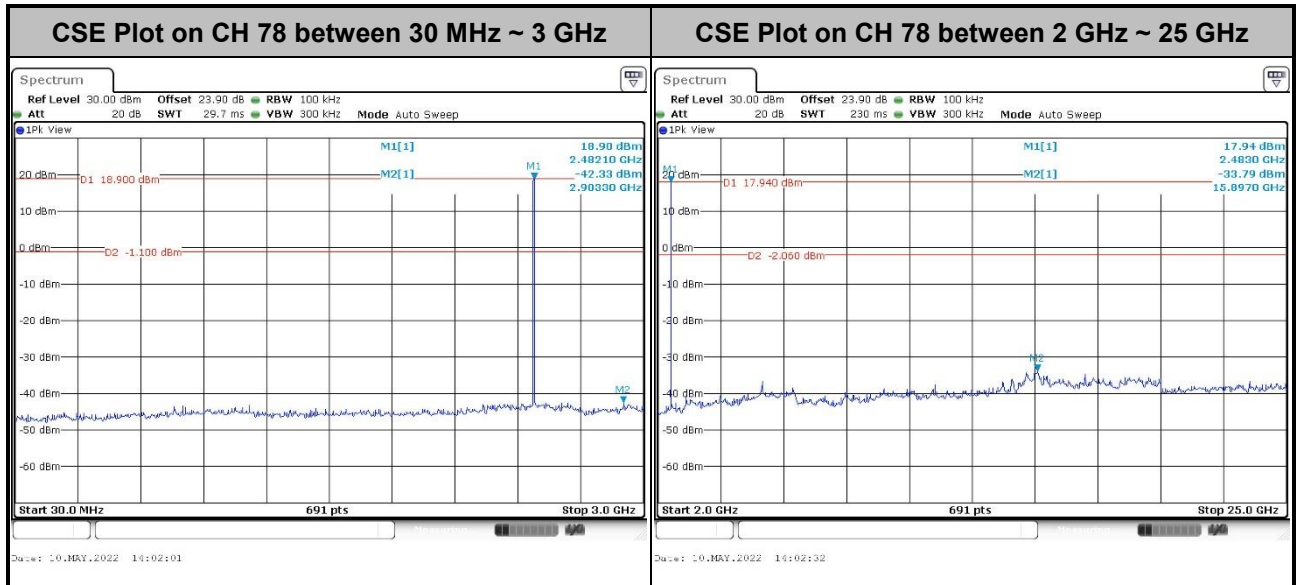
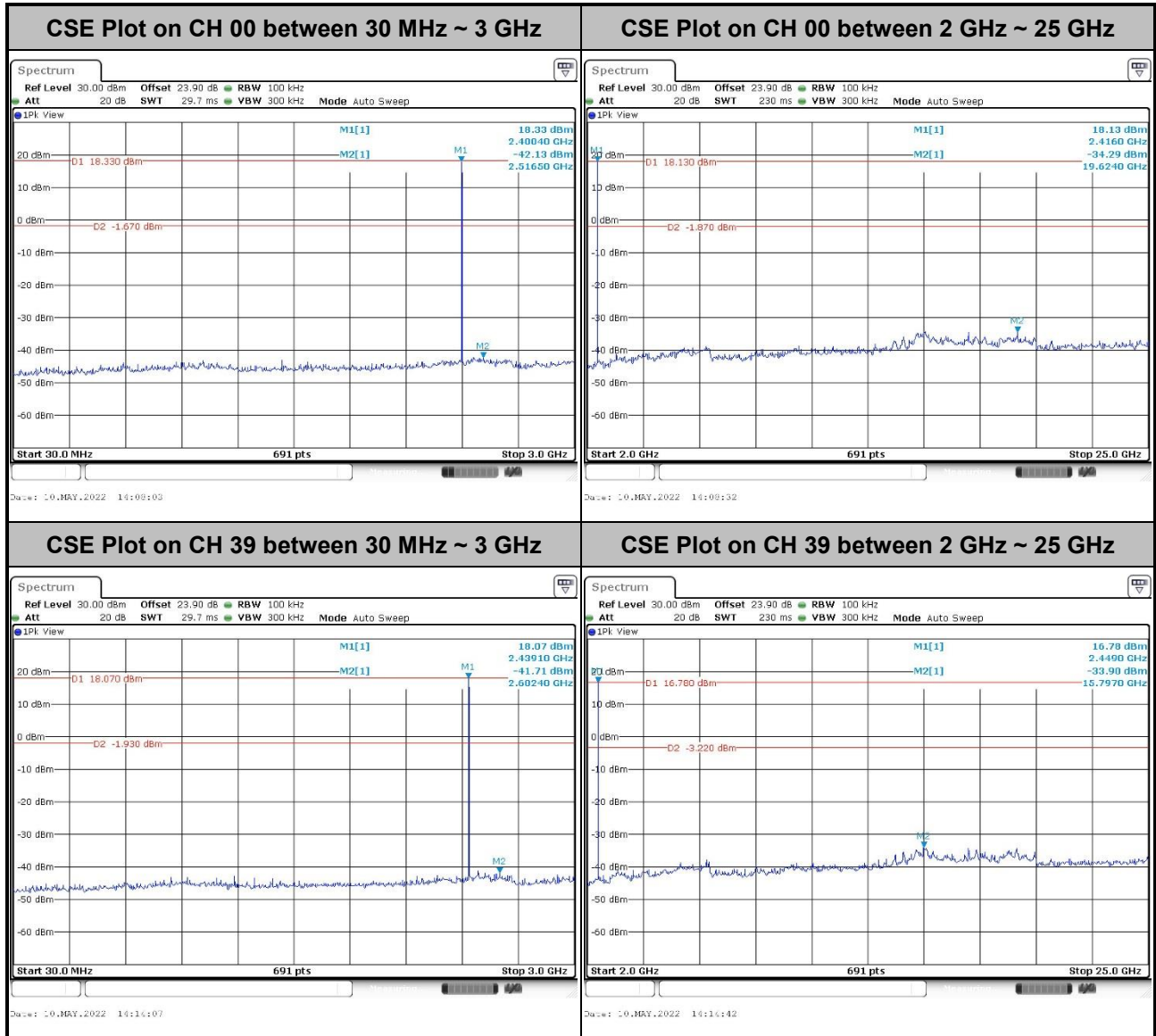
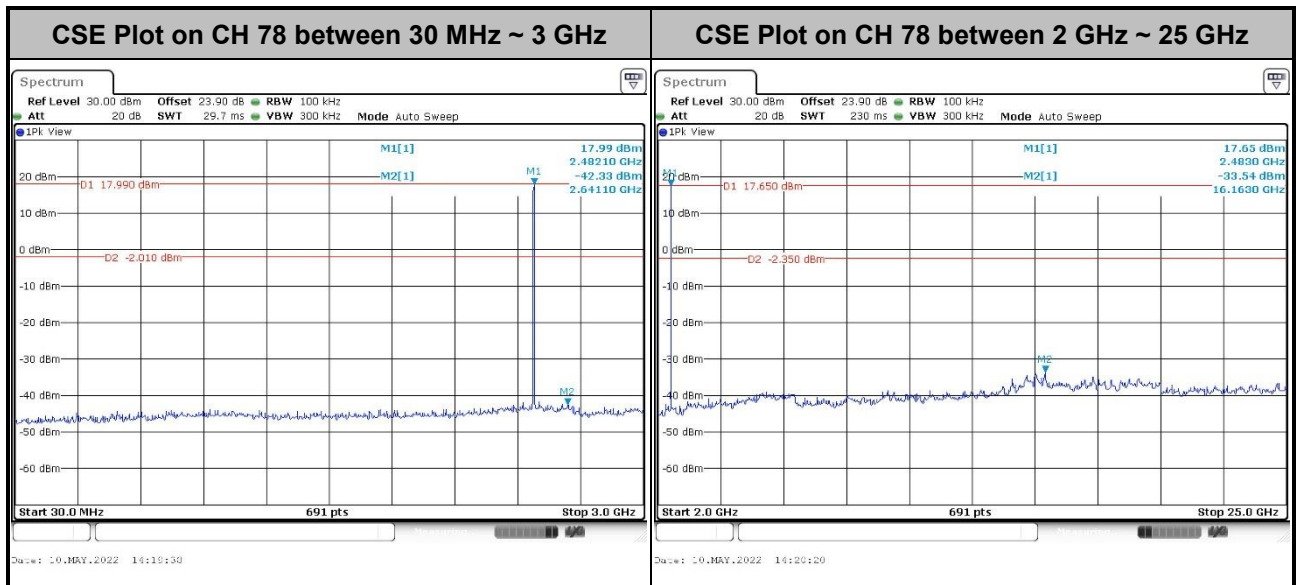






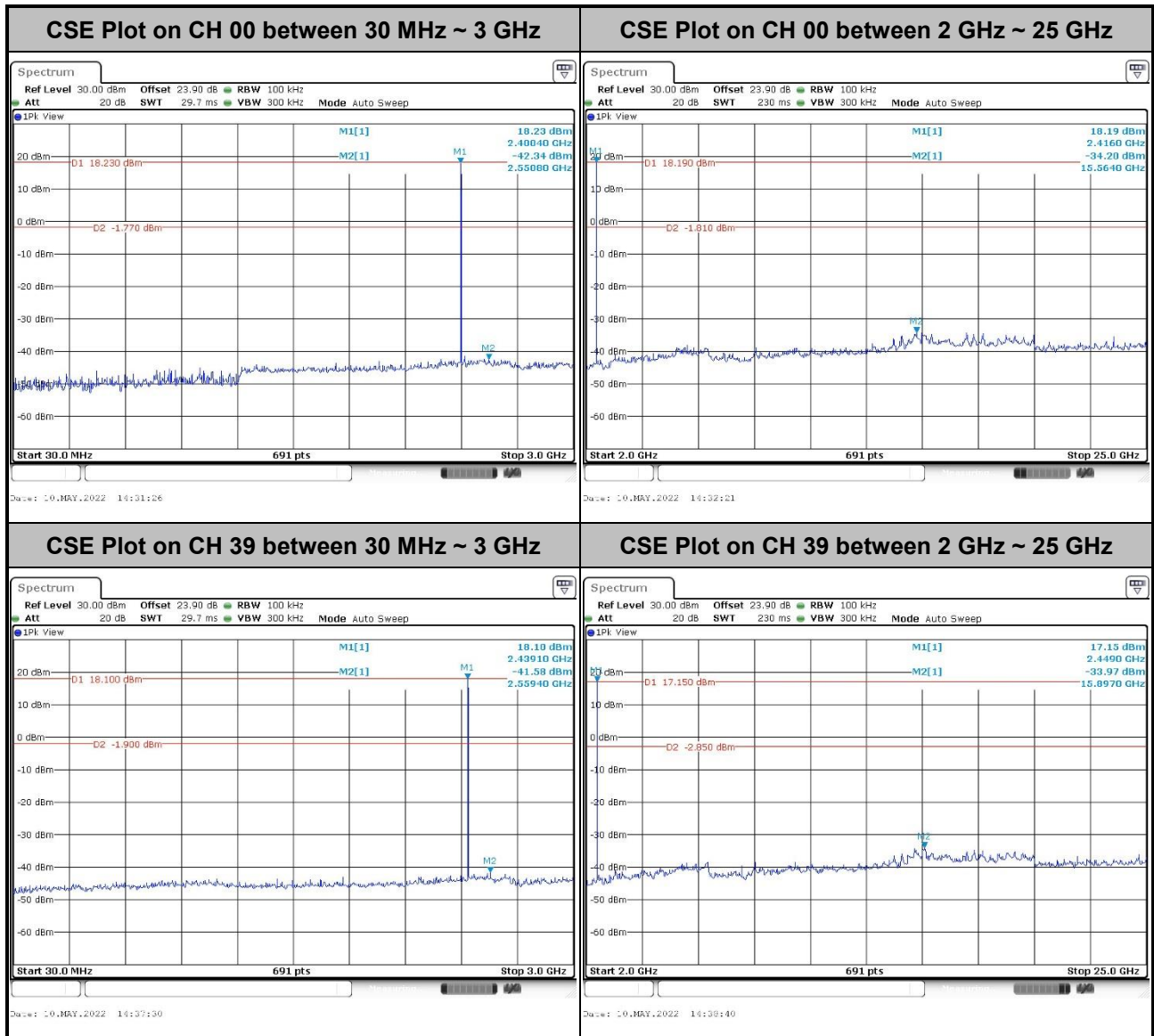
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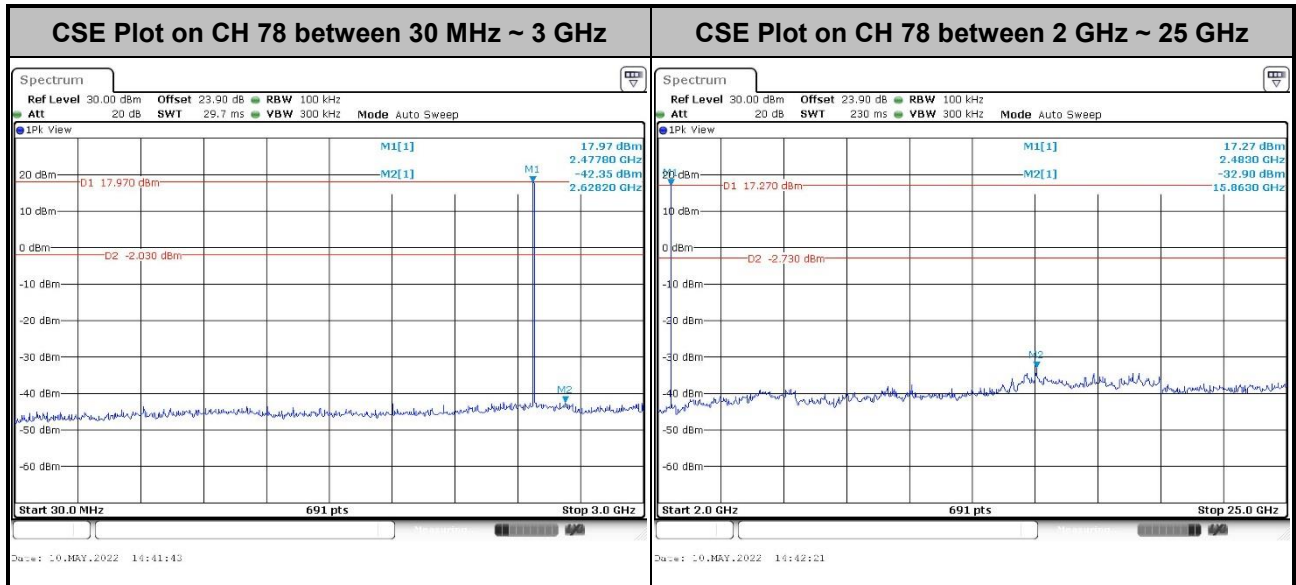






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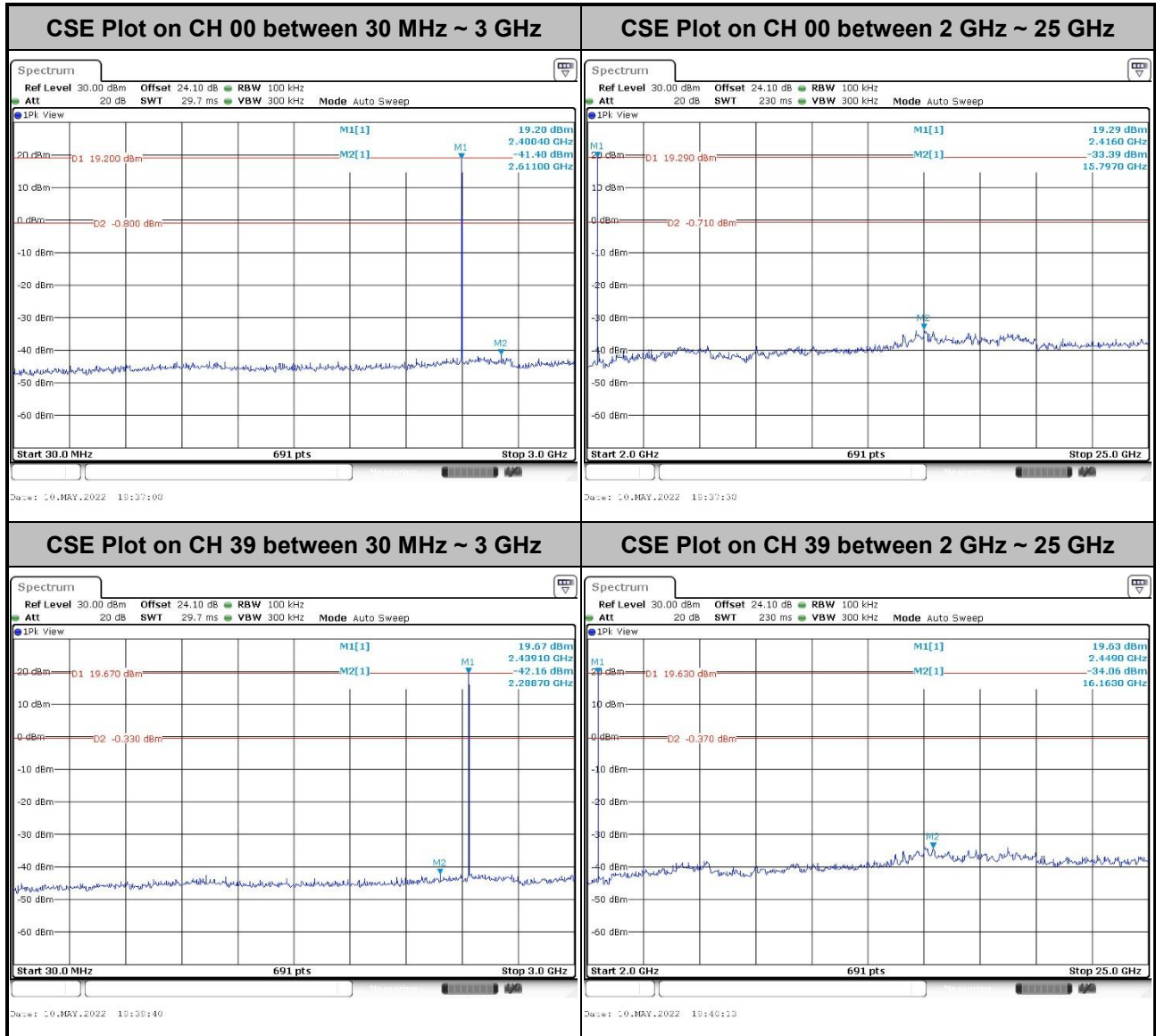


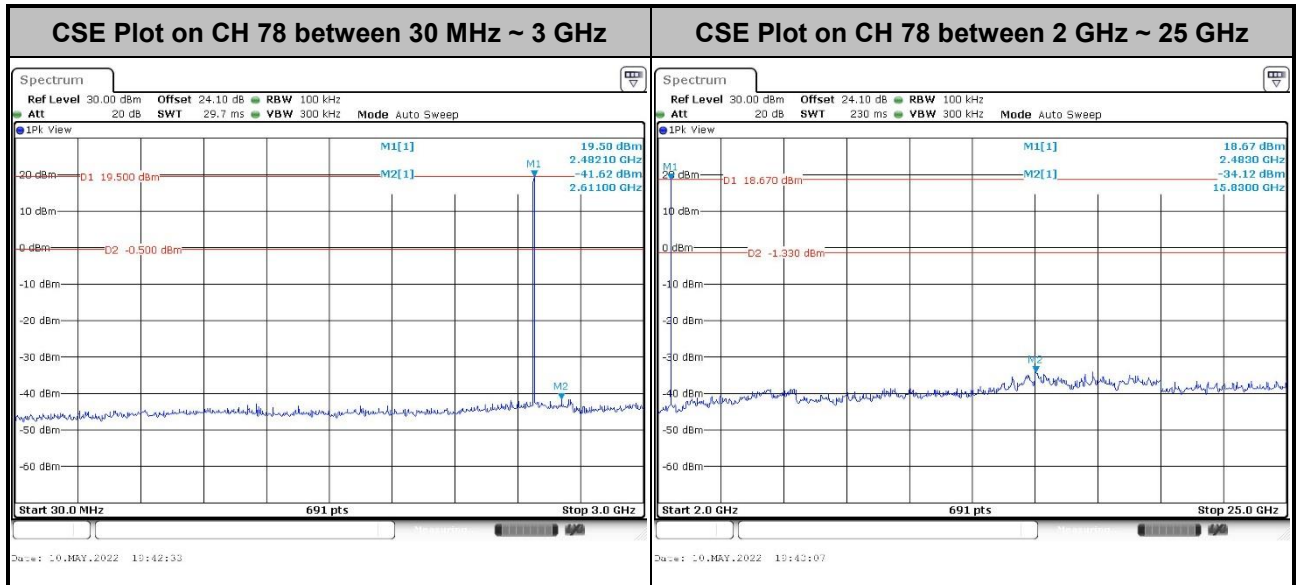




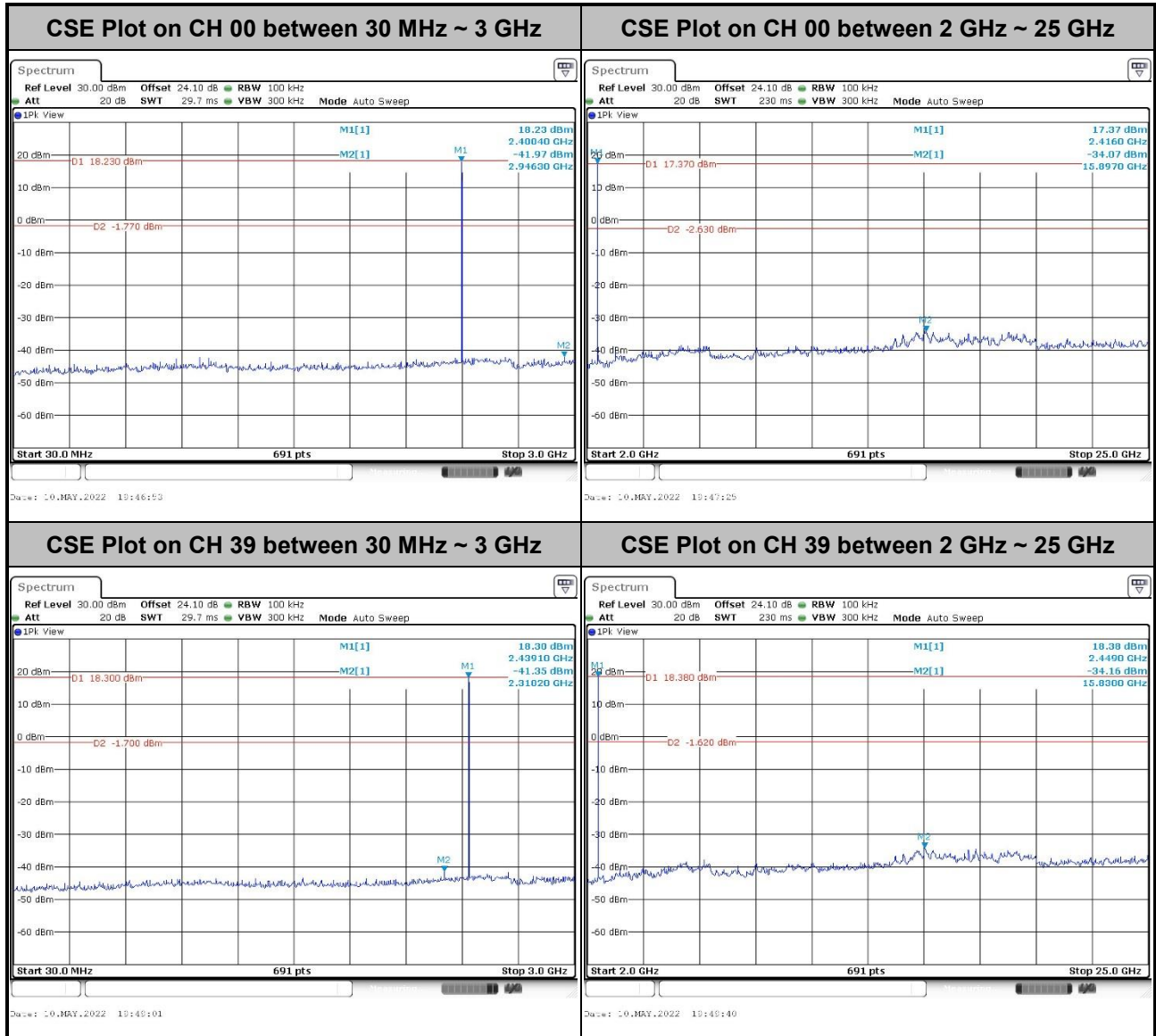
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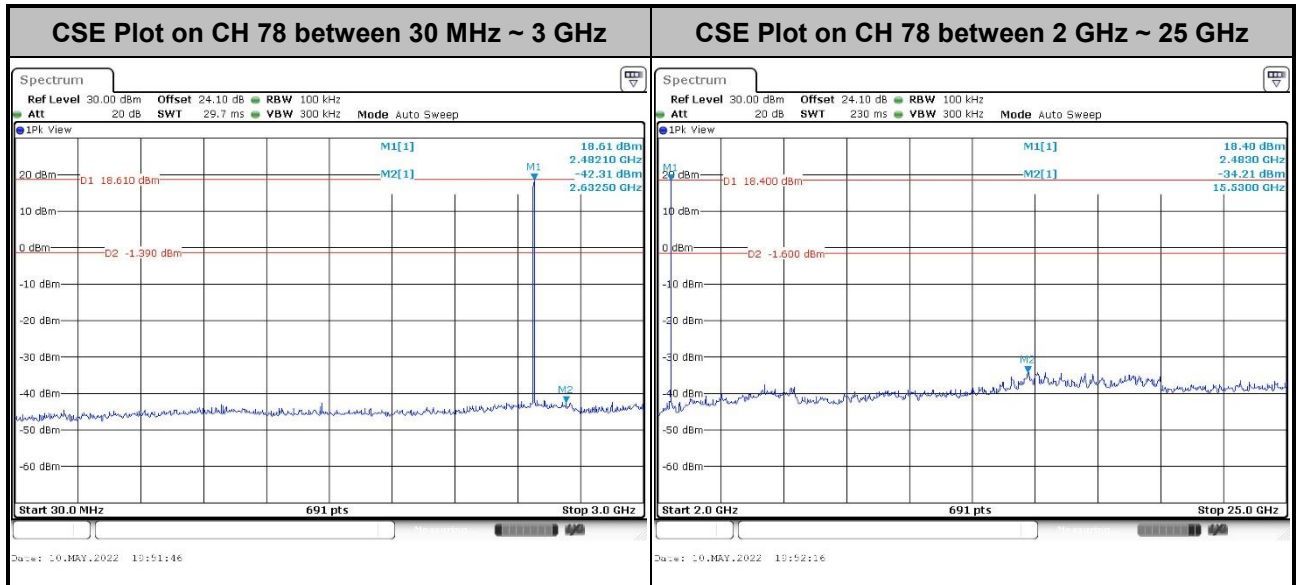
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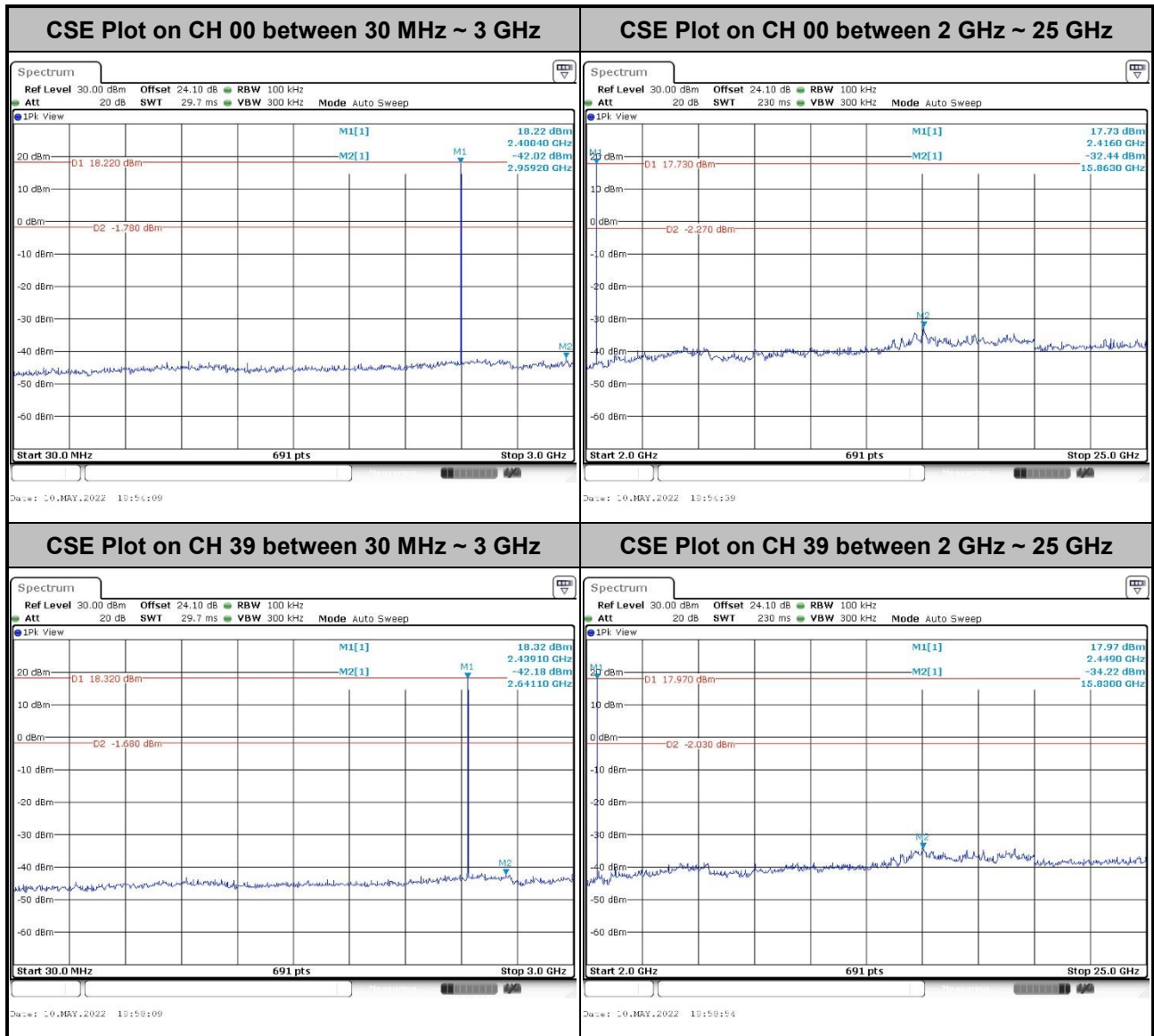
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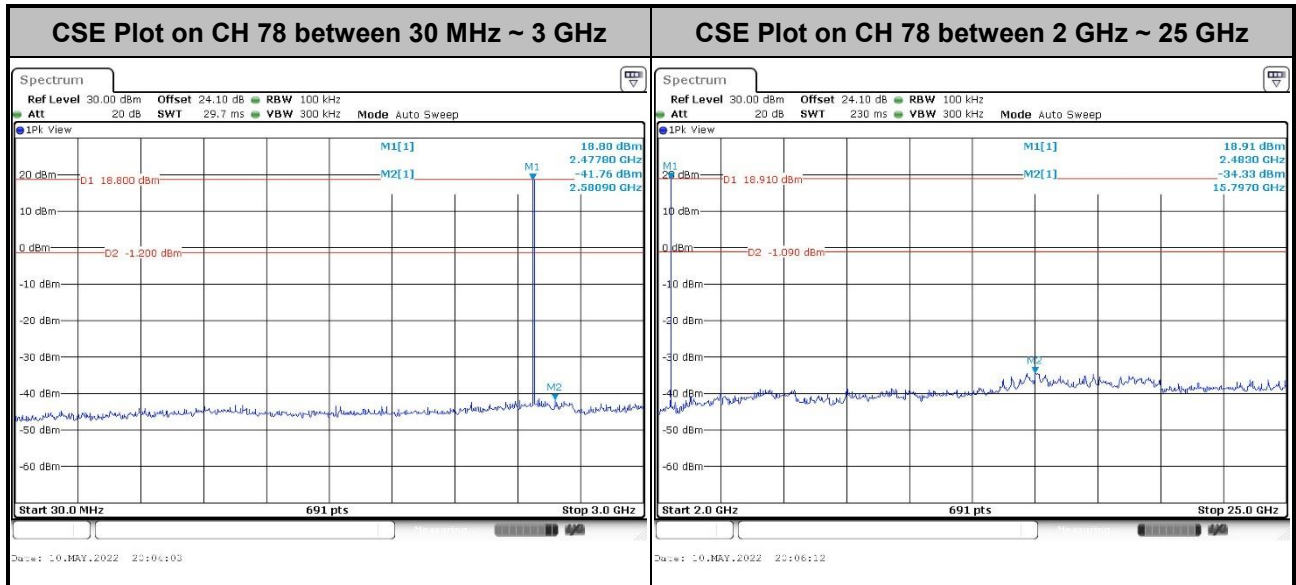






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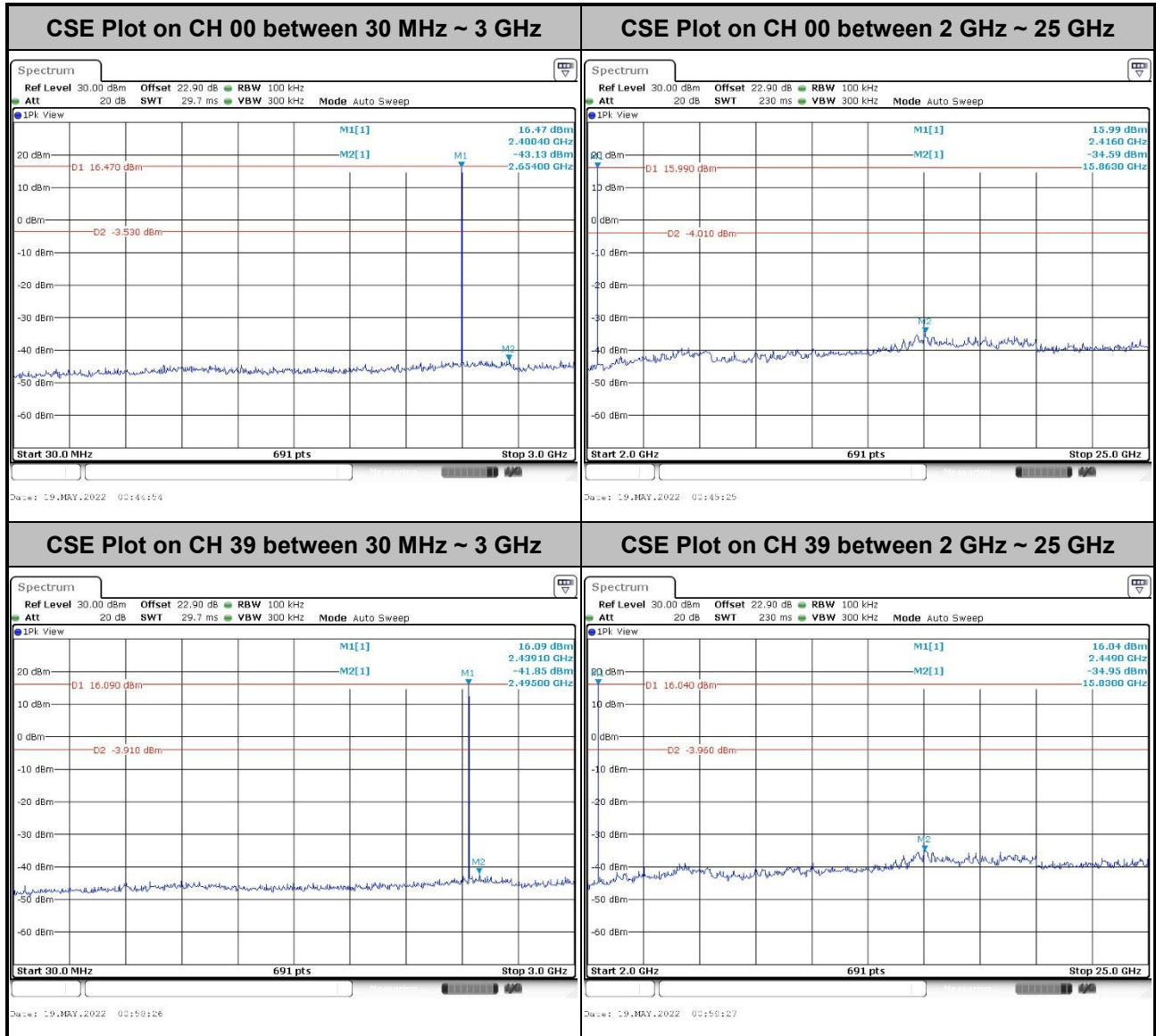


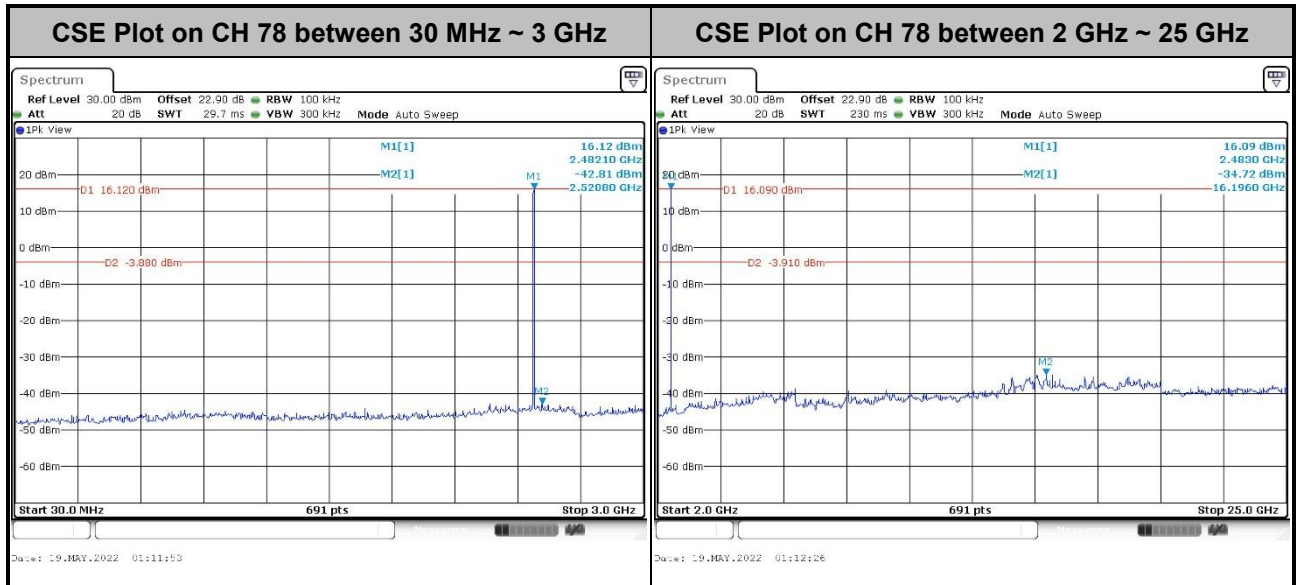




MIMO <Ant. 4>

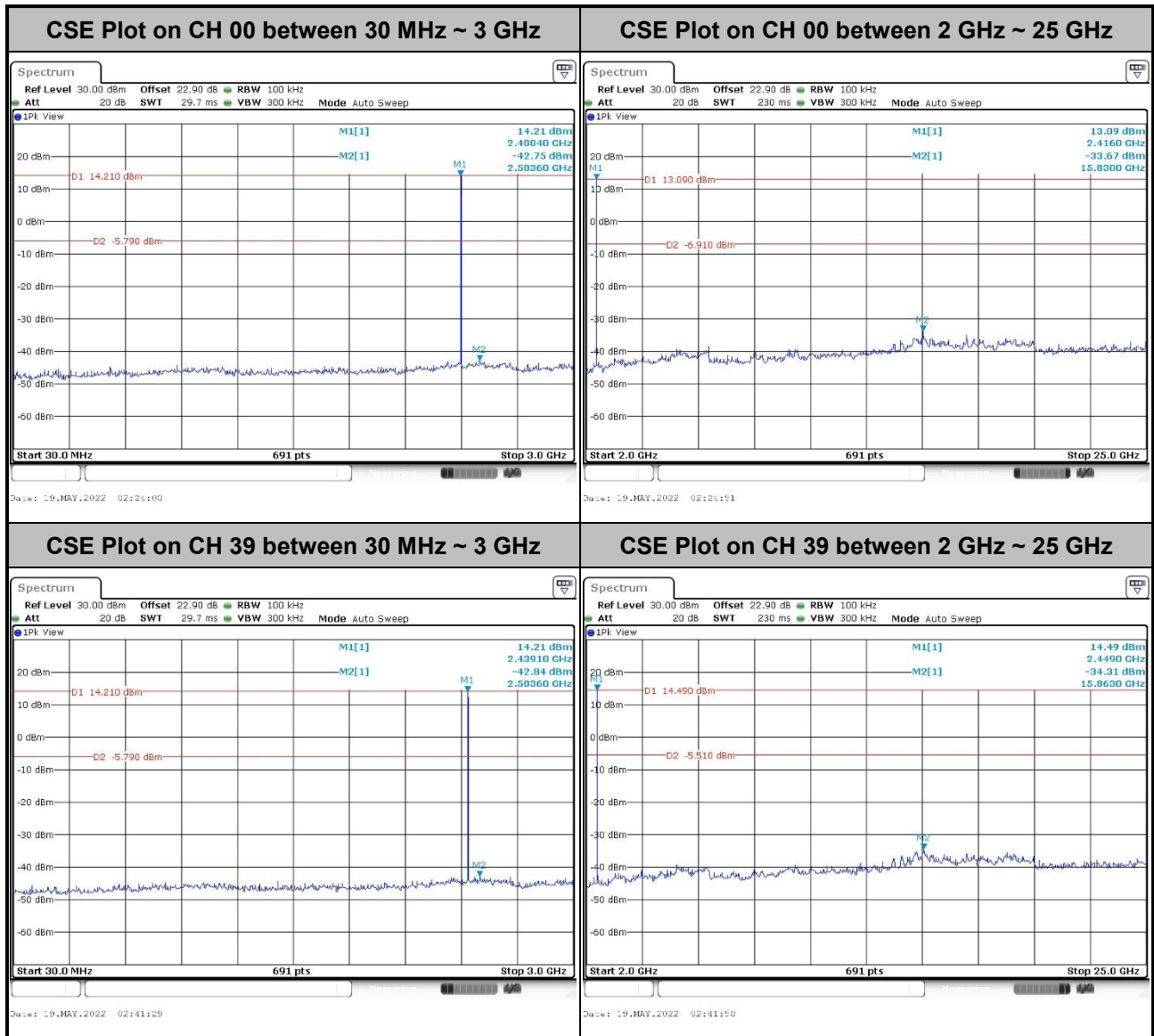
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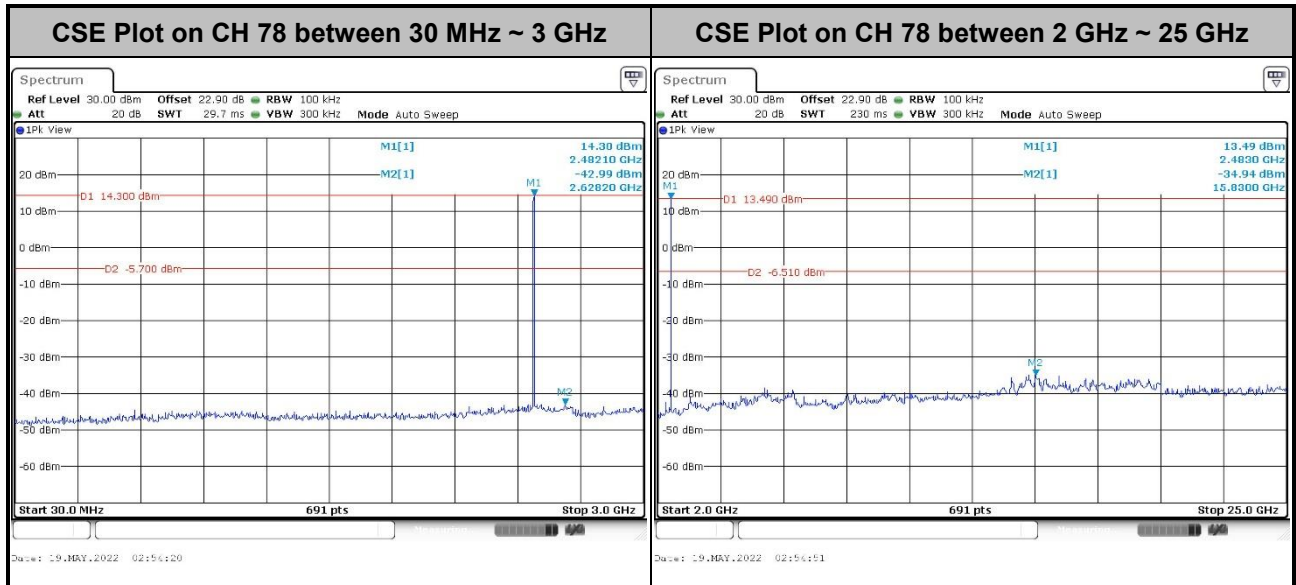






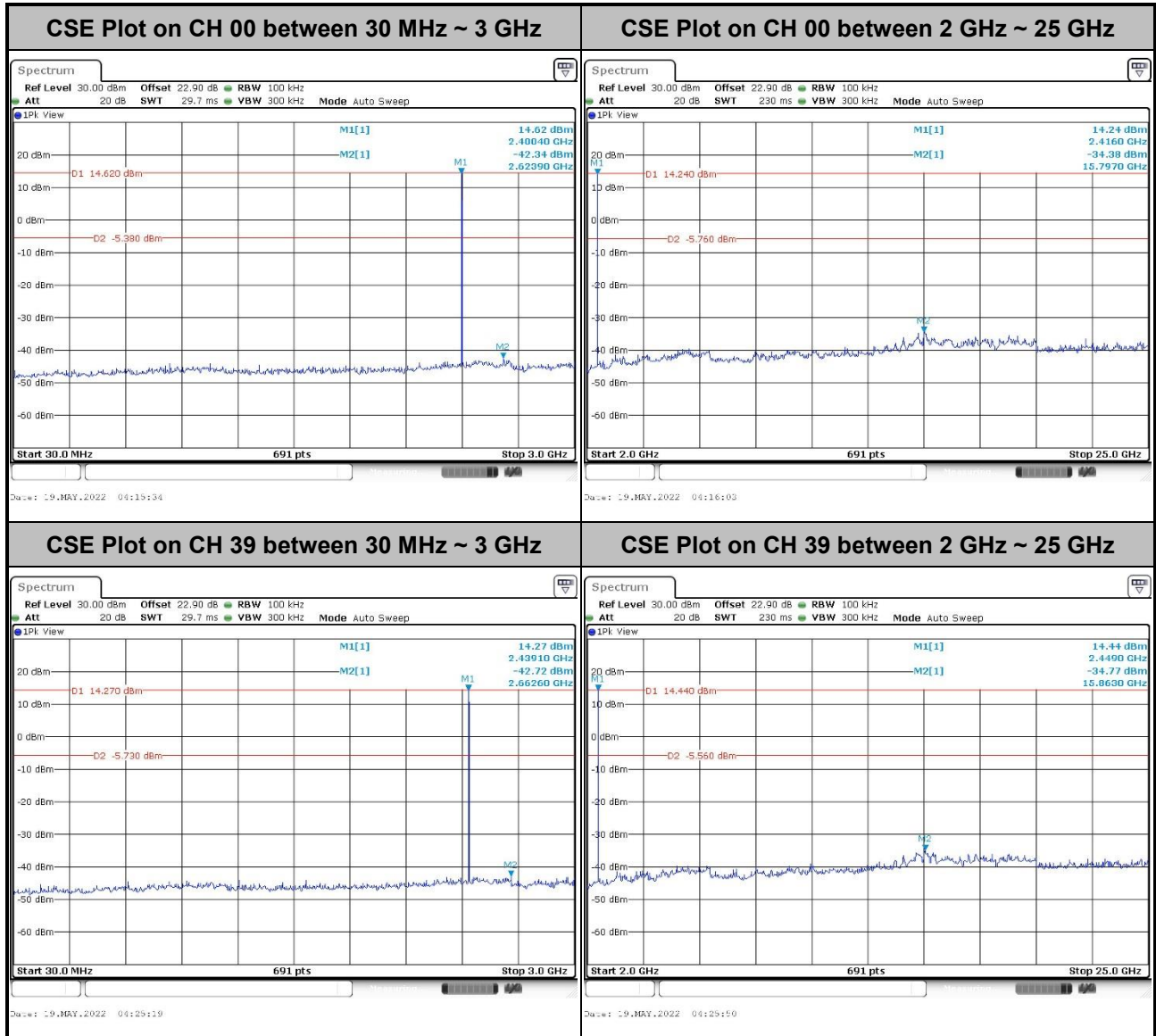
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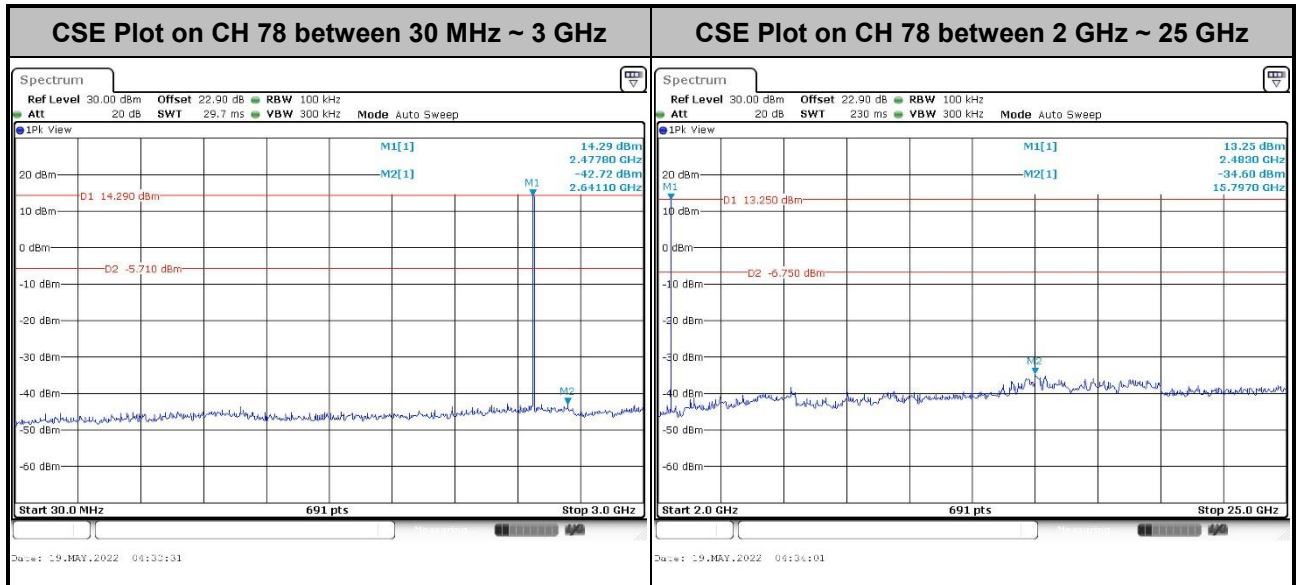






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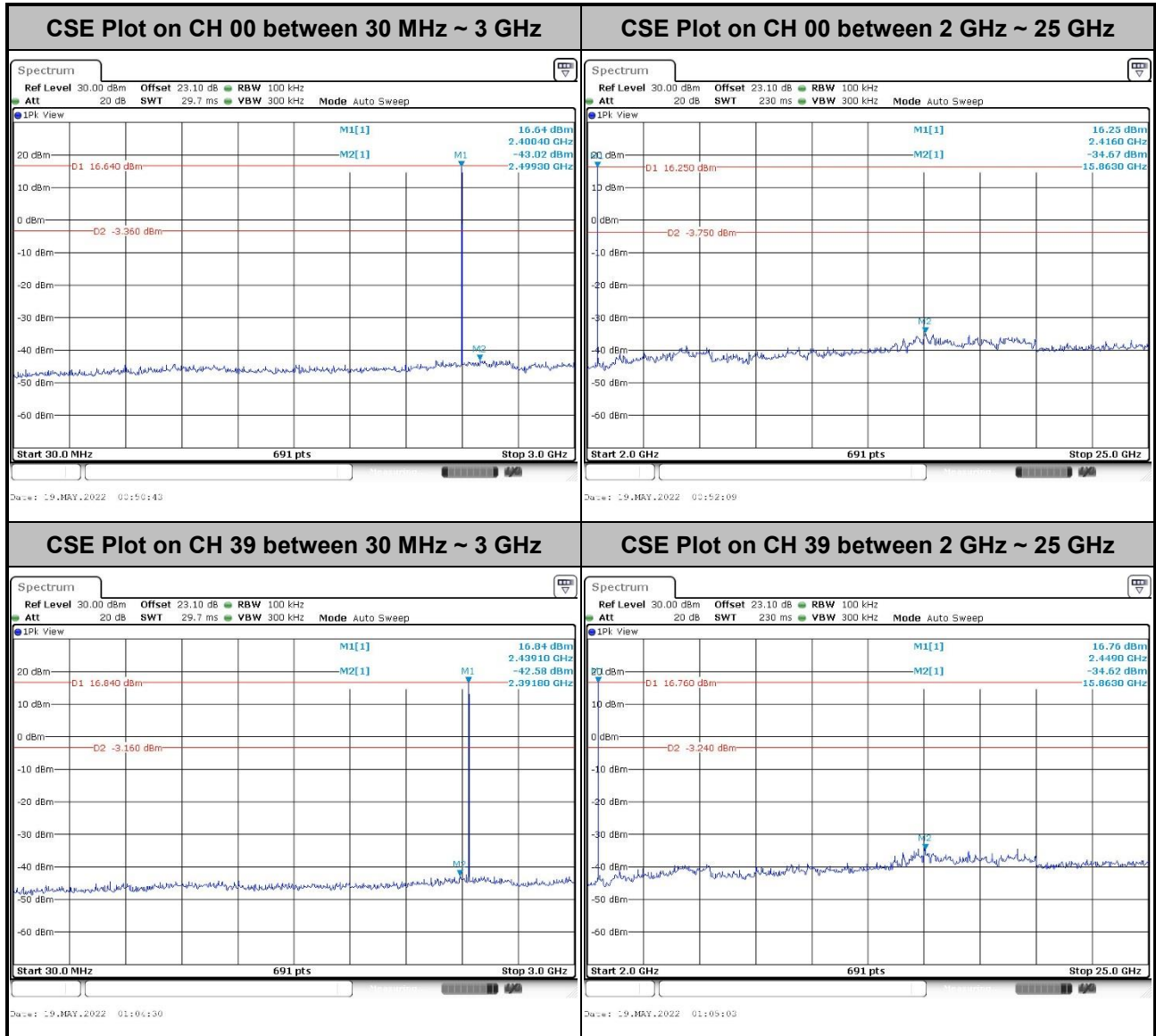


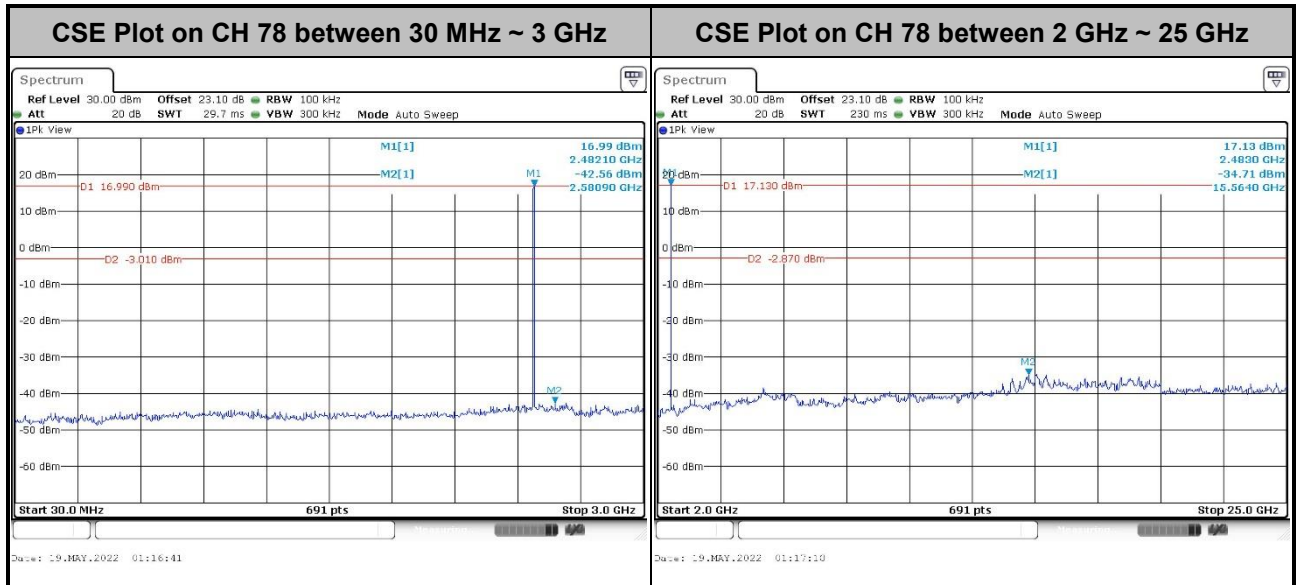




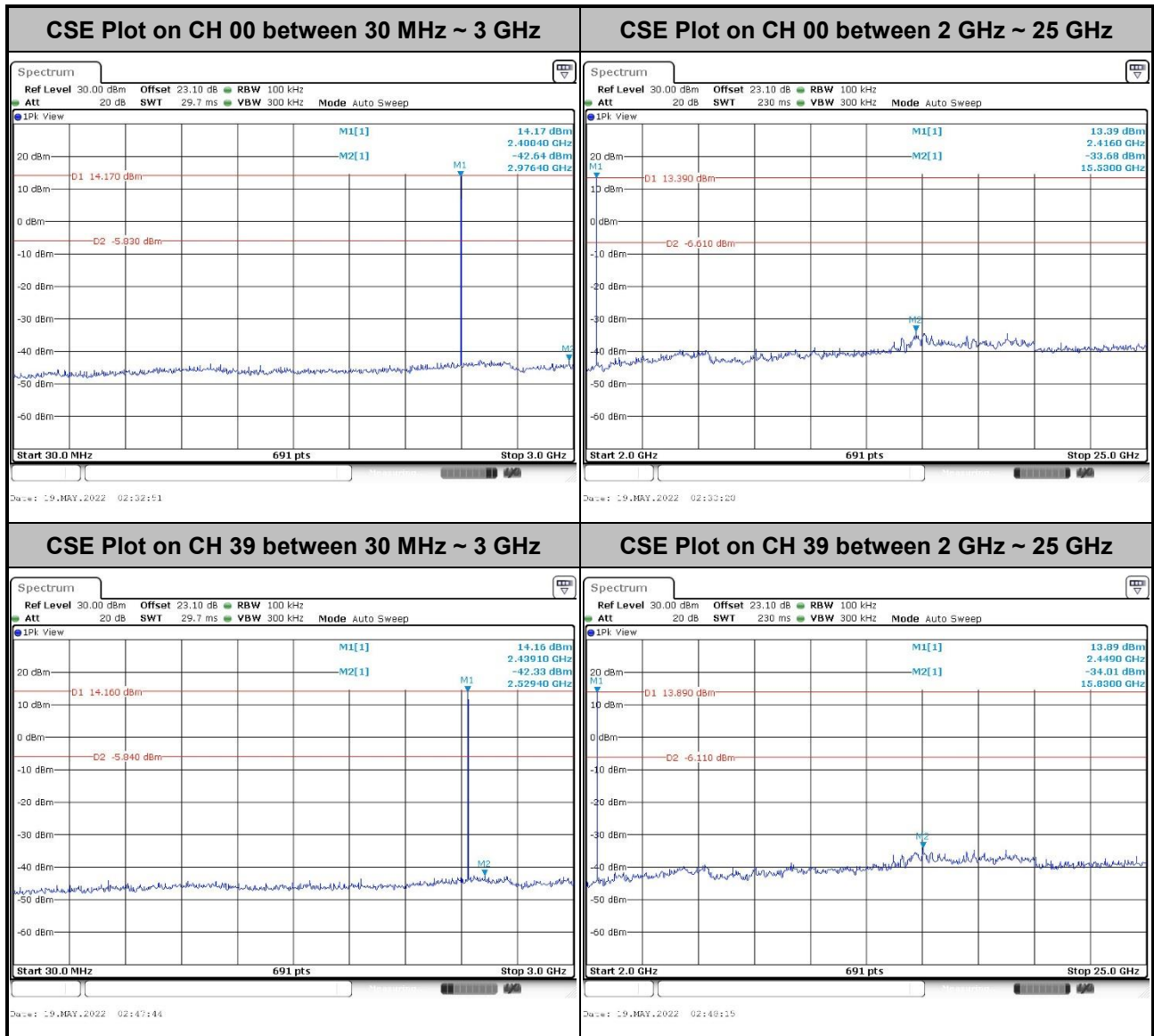
MIMO <Ant. 3>

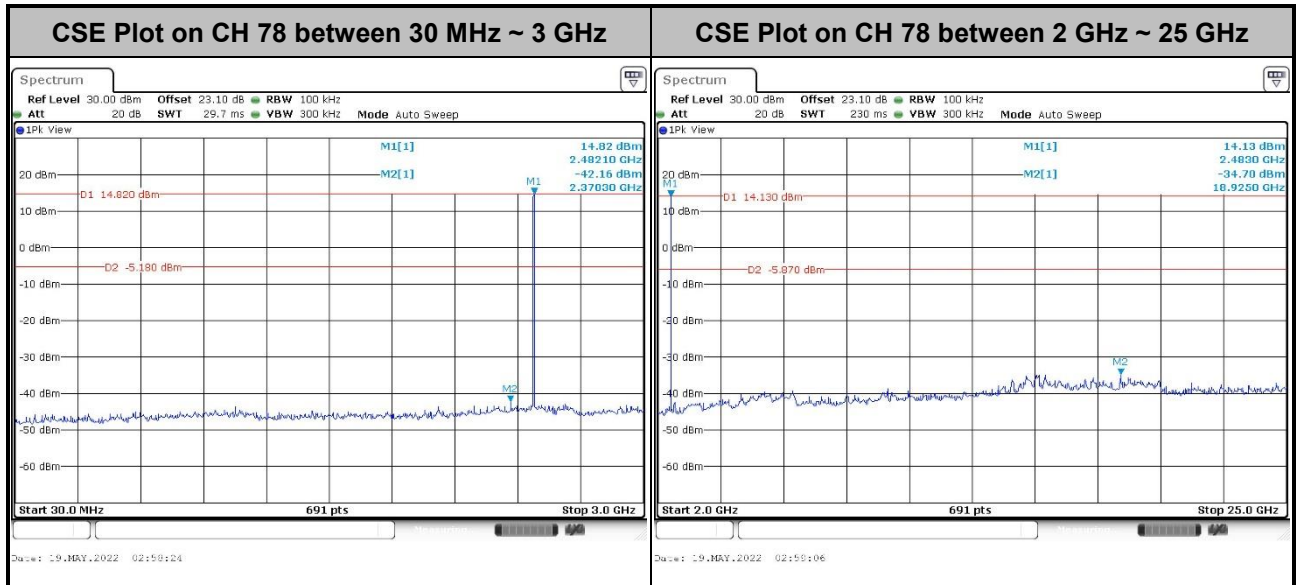
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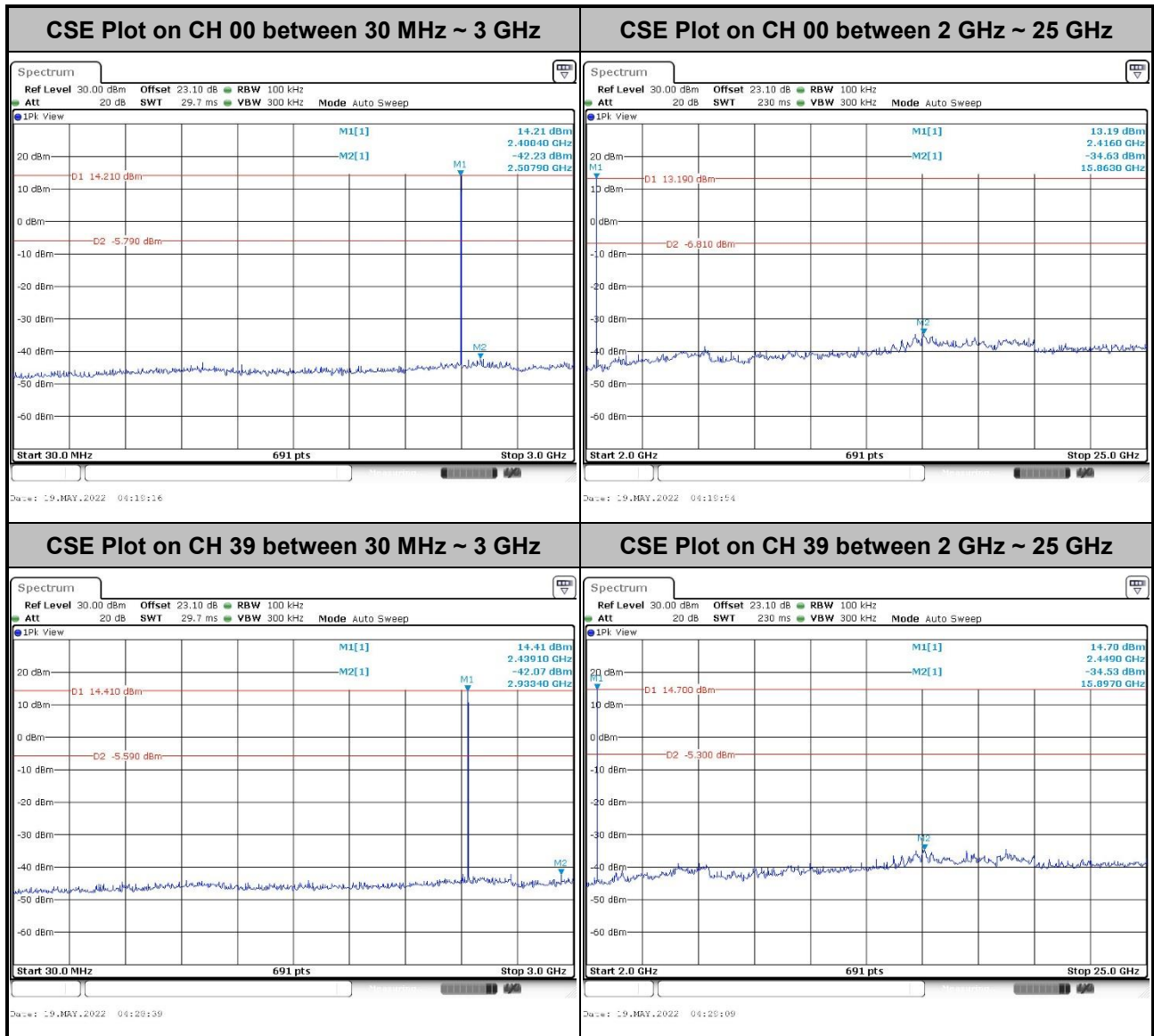
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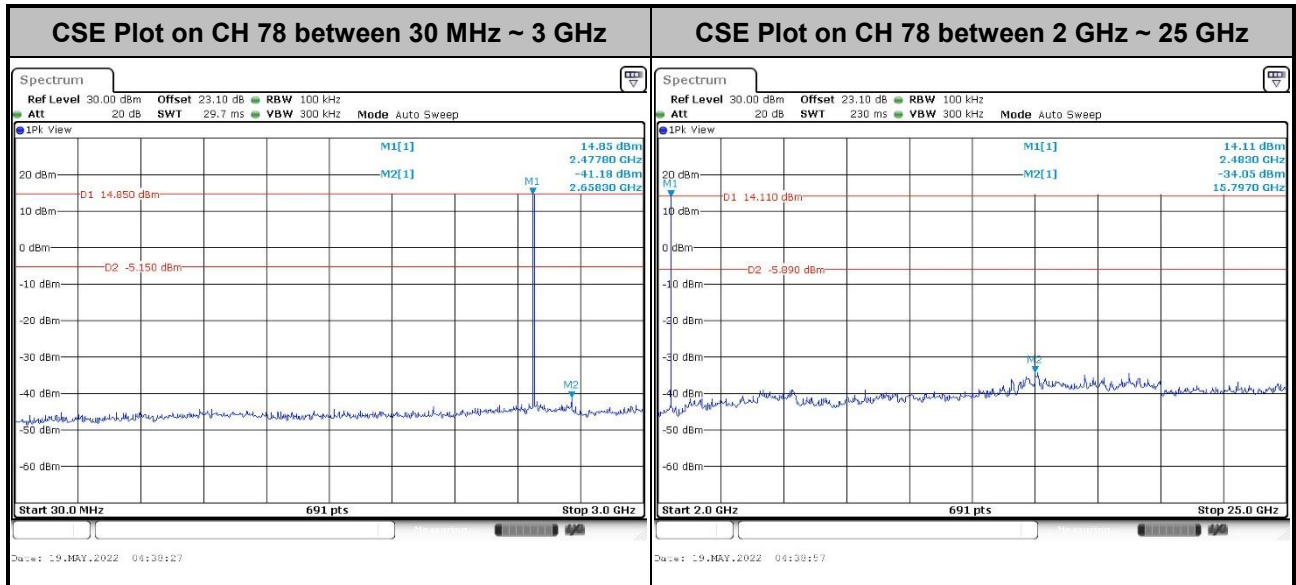






<3Mbps>





3.8 Radiated Band Edges and Spurious Emission Measurement

3.8.1 Limit of Radiated Band Edges and Spurious Emission

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics / spurious must be at least 20 dB below the highest emission level within the authorized band. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

3.8.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

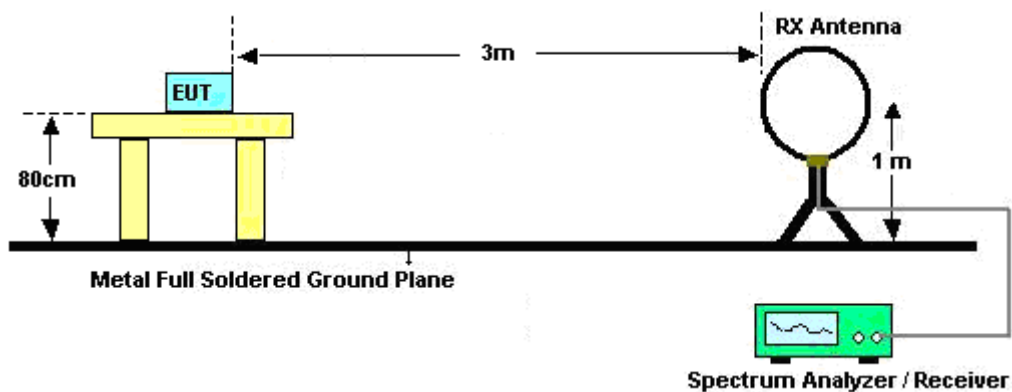
3.8.3 Test Procedures

1. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
2. The EUT is set 3 meters away from the receiving antenna, which is mounted on the top of a variable height antenna tower.
3. For each suspected emission, the EUT is arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
4. Set the maximum power setting and enable the EUT to transmit continuously.
5. Use the following spectrum analyzer settings:
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Set RBW = 100 kHz for $f < 1$ GHz, RBW = 1 MHz for $f > 1$ GHz ; VBW $\geq$ RBW; Sweep = auto; Detector function = peak; Trace = max hold for peak
 - (3) For average measurement: use duty cycle correction factor method per 15.35(c).
Duty cycle = On time/100 milliseconds
On time = $N_1 * L_1 + N_2 * L_2 + \dots + N_{n-1} * L_{n-1} + N_n * L_n$
Where N_1 is number of type 1 pulses, L_1 is length of type 1 pulses, etc.
Average Emission Level = Peak Emission Level + $20 * \log$ (Duty cycle)
6. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
7. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-”.
8. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.

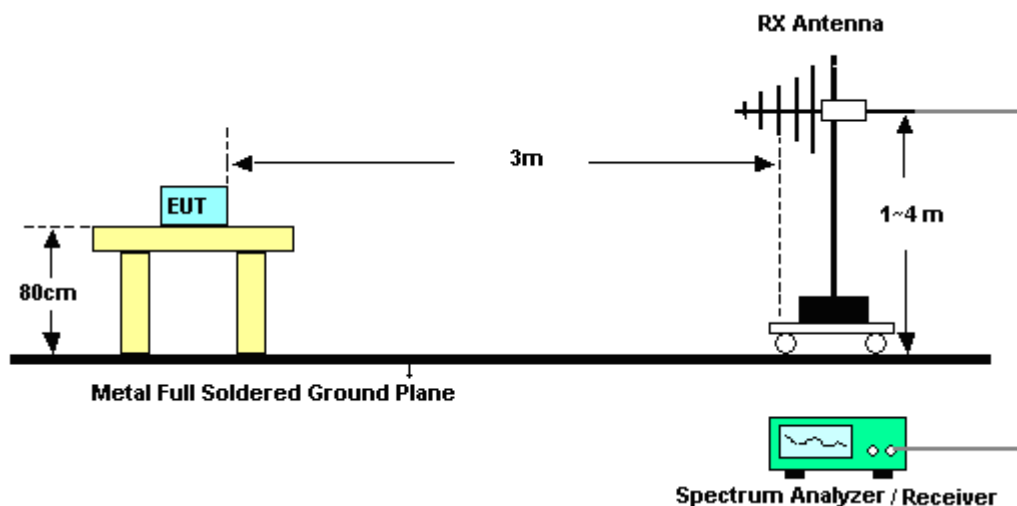
Note: The average levels are calculated from the peak level corrected with duty cycle correction factor (-24.76 dB for Ant. 3 and MIMO <Ant. 4+3>; -24.79 dB for Ant. 4) derived from $20\log$ (dwell time/100ms). This correction is only for signals that hop with the fundamental signal, such as band-edge and harmonic. Other spurious signals that are independent of the hopping signal would not use this correction.

3.8.4 Test Setup

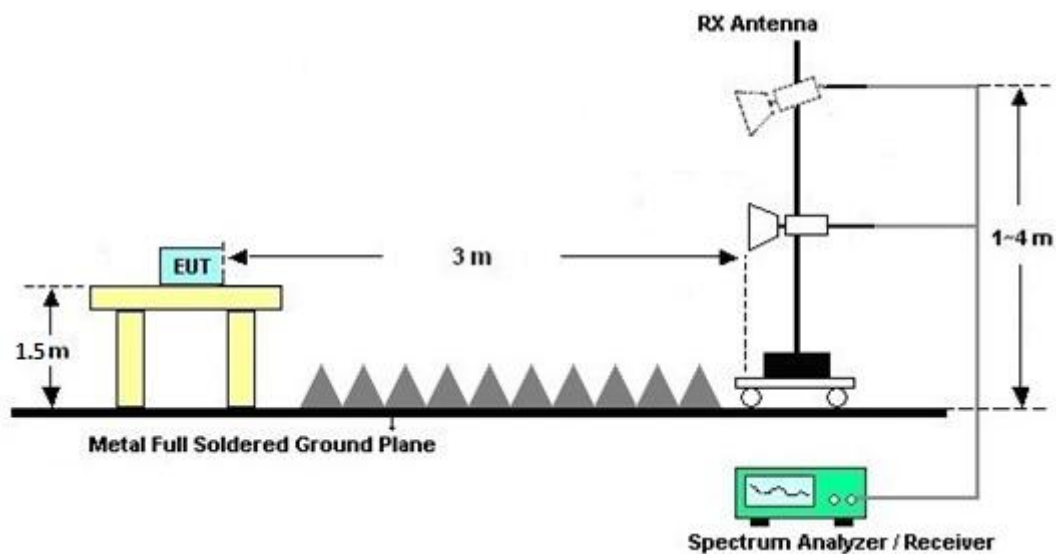
For radiated test below 30MHz



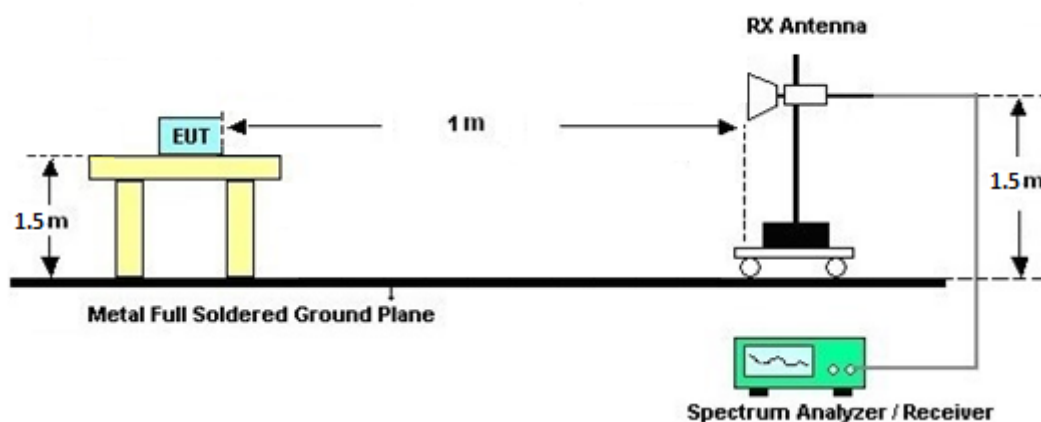
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.8.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result comes out very similar.

3.8.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.8.7 Duty Cycle

Please refer to Appendix E.

3.8.8 Test Result of Radiated Spurious Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.

3.9 AC Conducted Emission Measurement

3.9.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

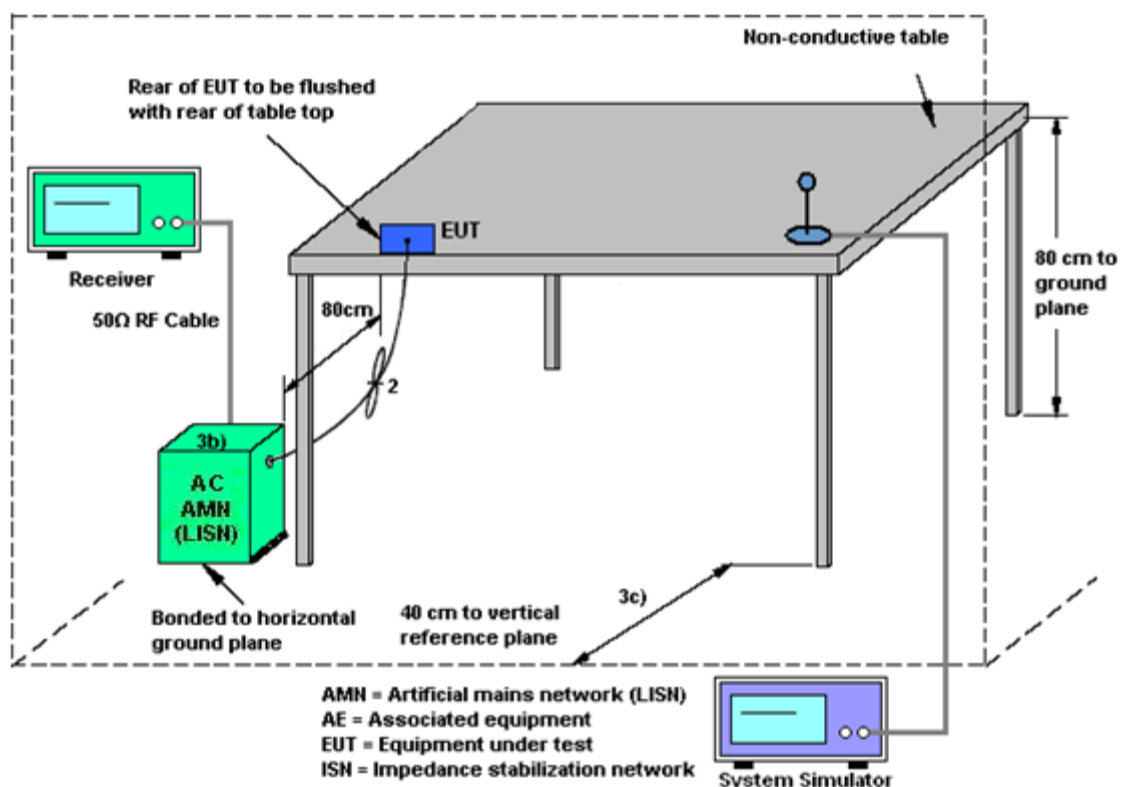
3.9.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.9.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9 kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

3.9.4 Test Setup



3.9.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.10 Antenna Requirements

3.10.1 Standard Applicable

If directional gain of transmitting antennas is greater than 6 dBi, the power shall be reduced by the same level in dB comparing to gain minus 6 dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

3.10.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.10.3 Antenna Gain

<CDD Modes >

For power measurements on IEEE 802.11 devices,

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows:

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

G_{ANT} is set equal to the gain of the antenna having the highest gain.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	Keysight	N9010B	MY60241055	10Hz~44GHz	Jul. 12, 2021	Apr. 12, 2022~ Apr. 16, 2022	Jul. 11, 2022	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz~1000MHz	Jan. 03, 2022	Apr. 12, 2022~ Apr. 16, 2022	Jan. 02, 2023	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45S E	980792	N/A	Nov. 15, 2021	Apr. 12, 2022~ Apr. 16, 2022	Nov. 14, 2022	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 24, 2021	Apr. 12, 2022~ Apr. 16, 2022	Dec. 23, 2022	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 07, 2022	Apr. 12, 2022~ Apr. 16, 2022	Jan. 06, 2023	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00802 N1D01N-06	55606 & 08	30MHz~1GHz	Oct. 17, 2021	Apr. 12, 2022~ Apr. 16, 2022	Oct. 16, 2022	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 23, 2021	Apr. 12, 2022~ Apr. 16, 2022	Jun. 22, 2022	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00993	18GHz~40GHz	Nov. 30, 2021	Apr. 12, 2022~ Apr. 16, 2022	Nov. 29, 2022	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303B	TP200728	N/A	Mar. 22, 2022	Apr. 12, 2022~ Apr. 16, 2022	Mar. 21, 2023	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804 015/2,804027 /2	N/A	Jan. 19, 2022	Apr. 12, 2022~ Apr. 16, 2022	Jan. 18, 2023	Radiation (03CH20-HY)
Software	Audix	E3 6.2009-8- 24	RK-002156	N/A	N/A	Apr. 12, 2022~ Apr. 16, 2022	N/A	Radiation (03CH20-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Apr. 12, 2022~ Apr. 16, 2022	N/A	Radiation (03CH20-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Apr. 12, 2022~ Apr. 16, 2022	N/A	Radiation (03CH20-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Apr. 12, 2022~ Apr. 16, 2022	N/A	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 16, 2021	Apr. 11, 2022~ May 19, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Power Meter	Anritsu	ML2495A	1036004	N/A	Aug. 01, 2021	Apr. 11, 2022~ May 19, 2022	Jul. 31, 2022	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	1027253	300MHz~40GH z	Aug. 01, 2021	Apr. 11, 2022~ May 19, 2022	Jul. 31, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Apr. 11, 2022~ May 19, 2022	Aug. 29, 2022	Conducted (TH05-HY)
Switch Control Mainframe	E- IUMENT	ETF-1405-0	EC1900067 (BOX7)	N/A	Aug. 12, 2021	Apr. 11, 2022~ May 19, 2022	Aug. 11, 2022	Conducted (TH05-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Apr. 19, 2022	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2021	Apr. 19, 2022	Nov. 30, 2022	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2021	Apr. 19, 2022	Nov. 16, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 03, 2021	Apr. 19, 2022	Dec. 02, 2022	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Apr. 19, 2022	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	00691	N/A	Jul. 28, 2021	Apr. 19, 2022	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 30, 2021	Apr. 19, 2022	Dec. 29, 2022	Conduction (CO05-HY)

5 Uncertainty of Evaluation

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	3.1 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	5.9 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	5.2 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	5.7 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Eason Huang and Junyu Jhou	Temperature:	21~25	°C
Test Date:	2022/4/11~2022/05/19	Relative Humidity:	51~54	%

<Ant. 4>

TEST RESULTS DATA**20dB and 99% Occupied Bandwidth and Hopping Channel Separation**

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	20db BW (MHz)	99% Bandwidth (MHz)	Hopping Channel Separation Measurement (MHz)	Hopping Channel Separation Measurement Limit (MHz)	Pass/Fail
DH	1Mbps	1	0	2402	1.019	0.906	1.003	0.6792	Pass
DH	1Mbps	1	39	2441	1.019	0.906	0.999	0.6792	Pass
DH	1Mbps	1	78	2480	1.019	0.906	1.003	0.6792	Pass
2DH	2Mbps	1	0	2402	1.303	1.183	0.999	0.8683	Pass
2DH	2Mbps	1	39	2441	1.325	1.180	0.994	0.8833	Pass
2DH	2Mbps	1	78	2480	1.303	1.183	0.999	0.8683	Pass
3DH	3Mbps	1	0	2402	1.259	1.160	0.999	0.8393	Pass
3DH	3Mbps	1	39	2441	1.259	1.160	1.003	0.8393	Pass
3DH	3Mbps	1	78	2480	1.259	1.160	0.999	0.8393	Pass

TEST RESULTS DATA**Dwell Time**

Mod.	Hopping Channel Number Rate	Hops Over Occupancy Time(hops)	Package Transfer Time (msec)	Dwell Time (sec)	Limits (sec)	Pass/Fail
Nomal	79	106.67	2.90	0.31	0.4	Pass
AFH	20	53.33	2.90	0.15	0.4	Pass

TEST RESULTS DATA**Peak Power Table**

DH	CH.	NTX	Peak Power (dBm)	Power Limit (dBm)	Test Result
DH1	0	1	20.95	20.97	Pass
	39	1	20.89	20.97	Pass
	78	1	20.37	20.97	Pass
2DH1	0	1	20.78	20.97	Pass
	39	1	20.58	20.97	Pass
	78	1	20.13	20.97	Pass
3DH1	0	1	20.94	20.97	Pass
	39	1	20.85	20.97	Pass
	78	1	20.35	20.97	Pass

TEST RESULTS DATA**Average Power Table****(Reporting Only)**

DH	CH.	NTX	Average Power (dBm)	Duty Factor (dB)
DH1	0	1	19.91	5.08
	39	1	19.77	5.08
	78	1	19.73	5.08
2DH1	0	1	18.05	5.08
	39	1	17.95	5.08
	78	1	17.54	5.08
3DH1	0	1	18.06	5.03
	39	1	17.98	5.03
	78	1	17.59	5.03

TEST RESULTS DATA**Number of Hopping Frequency**

Number of Hopping (Channel)	Adaptive Frequency Hopping (Channel)	Limits (Channel)	Pass/Fail
79	20	> 15	Pass

<Ant. 3>

TEST RESULTS DATA**20dB and 99% Occupied Bandwidth and Hopping Channel Separation**

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	20db BW (MHz)	99% Bandwidth (MHz)	Hopping Channel Separation Measurement (MHz)	Hopping Channel Separation Measurement Limit (MHz)	Pass/Fail
DH	1Mbps	1	0	2402	1.019	0.905	0.999	0.6793	Pass
DH	1Mbps	1	39	2441	1.019	0.905	1.003	0.6792	Pass
DH	1Mbps	1	78	2480	1.019	0.905	1.003	0.6792	Pass
2DH	2Mbps	1	0	2402	1.298	1.180	0.999	0.8654	Pass
2DH	2Mbps	1	39	2441	1.298	1.183	1.003	0.8654	Pass
2DH	2Mbps	1	78	2480	1.298	1.180	0.999	0.8654	Pass
3DH	3Mbps	1	0	2402	1.259	1.160	1.003	0.8393	Pass
3DH	3Mbps	1	39	2441	1.259	1.160	1.003	0.8393	Pass
3DH	3Mbps	1	78	2480	1.259	1.160	0.999	0.8393	Pass

TEST RESULTS DATA**Dwell Time**

Mod.	Hopping Channel Number Rate	Hops Over Occupancy Time(hops)	Package Transfer Time (msec)	Dwell Time (sec)	Limits (sec)	Pass/Fail
Nomal	79	106.67	2.90	0.31	0.4	Pass
AFH	20	53.33	2.90	0.15	0.4	Pass

TEST RESULTS DATA**Peak Power Table**

DH	CH.	NTX	Peak Power (dBm)	Power Limit (dBm)	Test Result
DH1	0	1	20.86	20.97	Pass
	39	1	20.95	20.97	Pass
	78	1	20.84	20.97	Pass
2DH1	0	1	20.65	20.97	Pass
	39	1	20.59	20.97	Pass
	78	1	20.75	20.97	Pass
3DH1	0	1	20.85	20.97	Pass
	39	1	20.81	20.97	Pass
	78	1	20.88	20.97	Pass

TEST RESULTS DATA**Average Power Table****(Reporting Only)**

DH	CH.	NTX	Average Power (dBm)	Duty Factor (dB)
DH1	0	1	19.99	5.20
	39	1	20.21	5.20
	78	1	19.91	5.20
2DH1	0	1	18.03	5.08
	39	1	17.99	5.08
	78	1	18.35	5.08
3DH1	0	1	18.12	5.03
	39	1	18.09	5.03
	78	1	18.37	5.03

TEST RESULTS DATA**Number of Hopping Frequency**

Number of Hopping (Channel)	Adaptive Frequency Hopping (Channel)	Limits (Channel)	Pass/Fail
79	20	> 15	Pass

MIMO <Ant. 4+3>

TEST RESULTS DATA**20dB and 99% Occupied Bandwidth and Hopping Channel Separation**

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	20db BW (MHz)	99% Bandwidth (MHz)	Hopping Channel Separation Measurement (MHz)	Hopping Channel Separation Measurement Limit (MHz)	Pass/Fail
DH	1Mbps	2	0	2402	1.028	0.923	0.994	0.6850	Pass
DH	1Mbps	2	39	2441	1.019	0.906	0.999	0.6792	Pass
DH	1Mbps	2	78	2480	1.022	0.906	0.999	0.6811	Pass
2DH	2Mbps	2	0	2402	1.303	1.181	1.055	0.8683	Pass
2DH	2Mbps	2	39	2441	1.303	1.184	1.007	0.8683	Pass
2DH	2Mbps	2	78	2480	1.303	1.184	1.003	0.8683	Pass
3DH	3Mbps	2	0	2402	1.259	1.158	0.916	0.8393	Pass
3DH	3Mbps	2	39	2441	1.259	1.161	1.003	0.8393	Pass
3DH	3Mbps	2	78	2480	1.263	1.164	1.003	0.8423	Pass

TEST RESULTS DATA**Dwell Time**

Mod.	Hopping Channel Number Rate	Hops Over Occupancy Time(hops)	Package Transfer Time (msec)	Dwell Time (sec)	Limits (sec)	Pass/Fail
Nomal	79	106.67	2.90	0.31	0.4	Pass
AFH	20	53.33	2.90	0.15	0.4	Pass

TEST RESULTS DATA**Peak Power Table**

DH	CH.	NTX	Peak Power Ant 4 (dBm)	Peak Power Ant 3 (dBm)	Peak Power Total (dBm)	Power Limit (dBm)	Test Result
DH1	0	2	17.72	17.95	20.85	20.97	Pass
	39	2	17.67	17.89	20.79	20.97	Pass
	78	2	17.76	18.10	20.94	20.97	Pass
2DH1	0	2	17.34	17.29	20.33	20.97	Pass
	39	2	17.32	17.20	20.27	20.97	Pass
	78	2	17.07	17.63	20.37	20.97	Pass
3DH1	0	2	17.64	17.82	20.74	20.97	Pass
	39	2	17.61	17.81	20.72	20.97	Pass
	78	2	17.69	18.04	20.88	20.97	Pass

TEST RESULTS DATA**Average Power Table
(Reporting Only)**

DH	CH.	NTX	Average Power Ant 4 (dBm)	Average Power Ant 3 (dBm)	Average Power Total (dBm)	Duty Factor (dB)
DH1	0	2	16.07	16.33	19.21	5.08
	39	2	16.05	16.30	19.19	5.08
	78	2	16.13	16.69	19.43	5.08
2DH1	0	2	14.52	14.53	17.54	5.03
	39	2	14.42	14.39	17.42	5.03
	78	2	14.39	15.14	17.79	5.03
3DH1	0	2	14.61	14.58	17.61	5.03
	39	2	14.52	14.53	17.54	5.03
	78	2	14.63	15.23	17.95	5.03

TEST RESULTS DATA**Number of Hopping Frequency**

Number of Hopping (Channel)	Adaptive Frequency Hopping (Channel)	Limits (Channel)	Pass/Fail
79	20	> 15	Pass



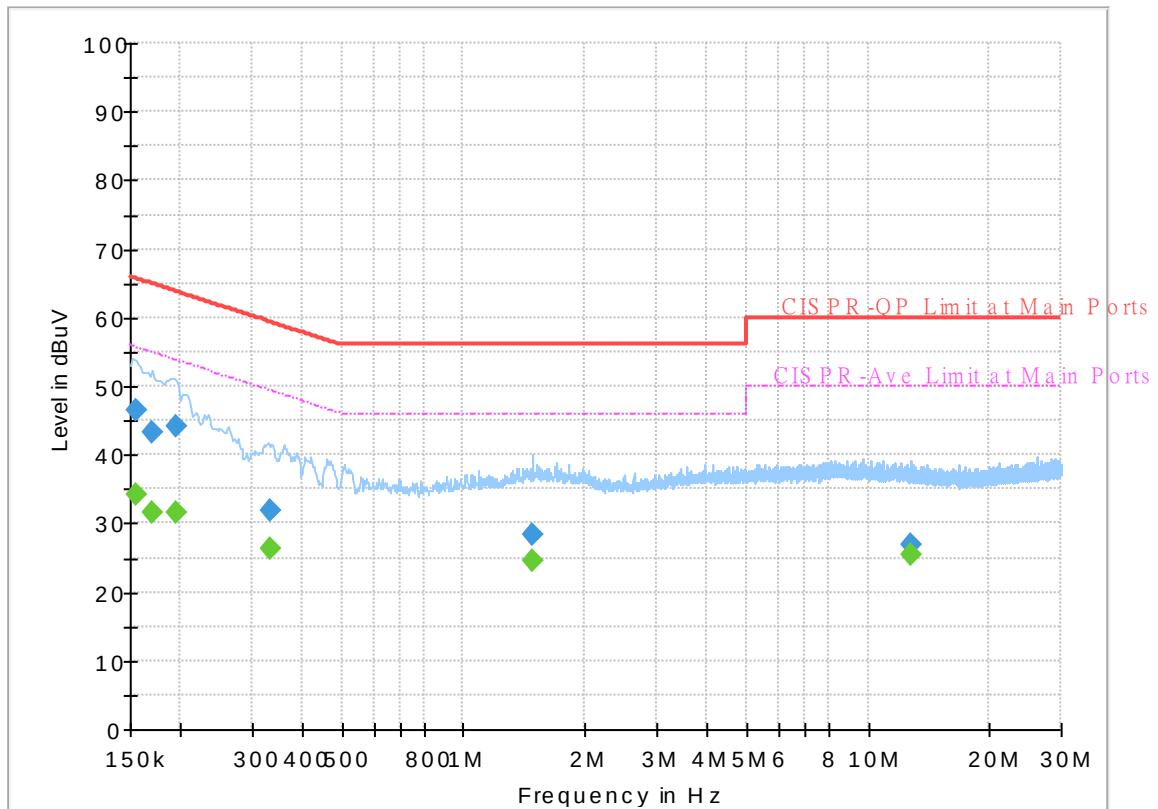
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee	Temperature :	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO : 1O2919-05
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



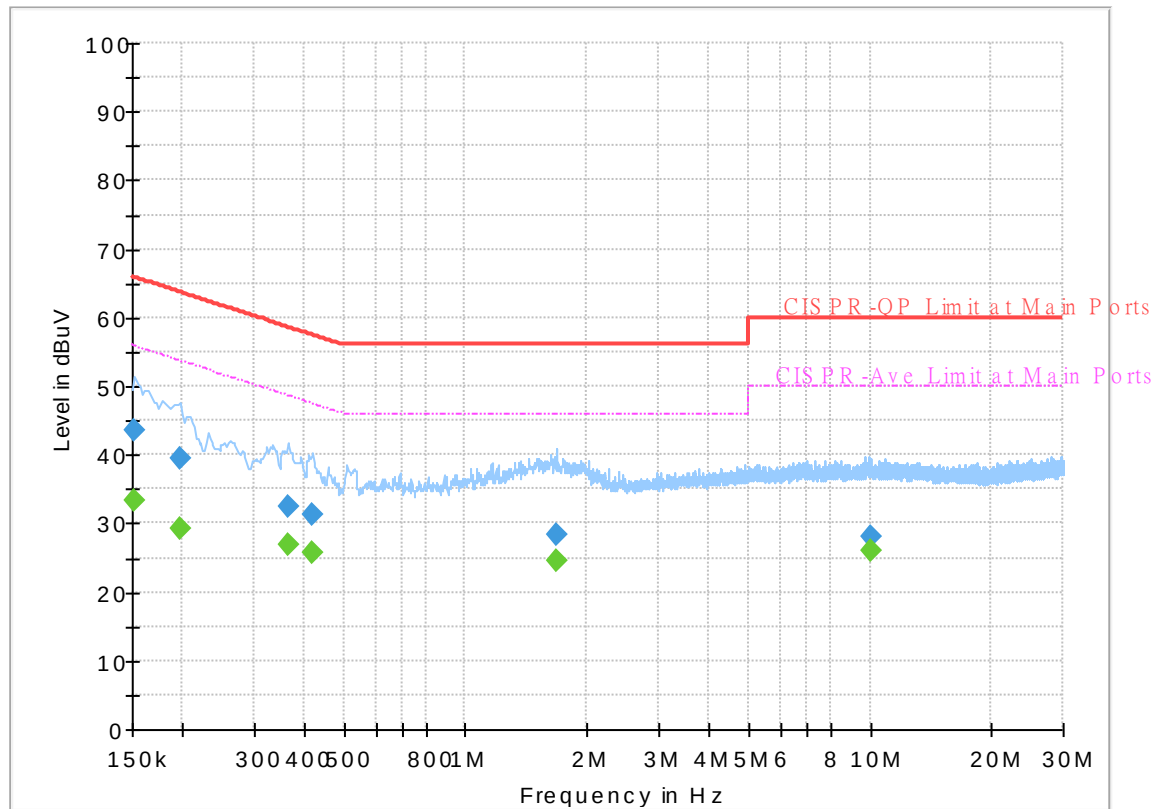
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	---	34.24	55.75	21.51	L1	OFF	19.6
0.154500	46.57	---	65.75	19.18	L1	OFF	19.6
0.170250	---	31.51	54.95	23.44	L1	OFF	19.6
0.170250	43.39	---	64.95	21.56	L1	OFF	19.6
0.195000	---	31.64	53.82	22.18	L1	OFF	19.6
0.195000	44.09	---	63.82	19.73	L1	OFF	19.6
0.334500	---	26.17	49.34	23.17	L1	OFF	19.6
0.334500	31.95	---	59.34	27.39	L1	OFF	19.6
1.479750	---	24.43	46.00	21.57	L1	OFF	19.7
1.479750	28.28	---	56.00	27.72	L1	OFF	19.7
12.804000	---	25.41	50.00	24.59	L1	OFF	20.2
12.804000	27.04	---	60.00	32.96	L1	OFF	20.2

EUT Information

Report NO : 1O2919-05
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	33.34	55.88	22.54	N	OFF	19.6
0.152250	43.65	---	65.88	22.23	N	OFF	19.6
0.197250	---	29.30	53.73	24.43	N	OFF	19.6
0.197250	39.49	---	63.73	24.24	N	OFF	19.6
0.363750	---	27.04	48.64	21.60	N	OFF	19.6
0.363750	32.33	---	58.64	26.31	N	OFF	19.6
0.417750	---	25.66	47.49	21.83	N	OFF	19.6
0.417750	31.29	---	57.49	26.20	N	OFF	19.6
1.684500	---	24.60	46.00	21.40	N	OFF	19.7
1.684500	28.49	---	56.00	27.51	N	OFF	19.7
10.088250	---	26.04	50.00	23.96	N	OFF	20.1
10.088250	27.98	---	60.00	32.02	N	OFF	20.1



Appendix C. Radiated Spurious Emission

Test Engineer :	Bill Chang, JC Liang and Big show Wang	Temperature :	18~20°C
		Relative Humidity :	66~70%

<Ant. 4>

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH00 2402MHz		2313.57	39.99	-34.01	74	40.62	27.1	8.51	36.24	316	28	P	H
		2313.57	15.2	-38.8	54	-	-	-	-	-	-	A	H
	*	2402	106.63	-	-	106.93	27.31	8.67	36.28	316	28	P	H
	*	2402	81.84	-	-	-	-	-	-	-	-	A	H
													H
		2382.555	40.02	-33.98	74	40.42	27.23	8.64	36.27	362	116	P	V
		2382.555	15.23	-38.77	54	-	-	-	-	-	-	A	V
	*	2402	104.29	-	-	104.59	27.31	8.67	36.28	362	116	P	V
	*	2402	79.5	-	-	-	-	-	-	-	-	A	V
													V
BT CH 39 2441MHz		2386.58	39.17	-34.83	74	39.54	27.25	8.65	36.27	310	30	P	H
		2386.58	14.38	-39.62	54	-	-	-	-	-	-	A	H
	*	2441	107.01	-	-	107.09	27.46	8.75	36.29	310	30	P	H
	*	2441	82.22	-	-	-	-	-	-	-	-	A	H
		2485.02	40.27	-33.73	74	40.11	27.64	8.83	36.31	310	30	P	H
		2485.02	15.48	-38.52	54	-	-	-	-	-	-	A	H
		2320.22	39.76	-34.24	74	40.37	27.1	8.53	36.24	353	115	P	V
		2320.22	14.97	-39.03	54	-	-	-	-	-	-	A	V
	*	2441	104.74	-	-	104.82	27.46	8.75	36.29	353	115	P	V
	*	2441	79.95	-	-	-	-	-	-	-	-	A	V
		2496.64	40.35	-33.65	74	40.13	27.69	8.85	36.32	353	115	P	V
		2496.64	15.56	-38.44	54	-	-	-	-	-	-	A	V



BT CH 78 2480MHz	*	2480	106.25	-	-	106.12	27.62	8.82	36.31	302	30	P	H
	*	2480	81.46	-	-	-	-	-	-	-	-	A	H
		2483.6	42.98	-31.02	74	42.83	27.63	8.83	36.31	302	30	P	H
		2483.6	18.19	-35.81	54	-	-	-	-	-	-	A	H
													H
													H
	*	2480	102.7	-	-	102.57	27.62	8.82	36.31	339	119	P	V
	*	2480	77.91	-	-	-	-	-	-	-	-	A	V
		2485.4	41.85	-32.15	74	41.69	27.64	8.83	36.31	339	119	P	V
		2485.4	17.06	-36.94	54	-	-	-	-	-	-	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 00 2402MHz		4804	42.53	-31.47	74	34.82	32.22	13.03	37.54	-	-	P	H
		4804	17.74	-36.26	54	-	-	-	-	-	-	A	H
		12675	52.25	-21.75	74	34.84	39.45	21.19	43.23	-	-	P	H
		12675	27.46	-26.54	54	-	-	-	-	-	-	A	H
		13350	53.19	-20.81	74	34.59	39.9	21.86	43.16	-	-	P	H
		13350	28.4	-25.6	54	-	-	-	-	-	-	A	H
		17985	53.15	-20.85	74	32.04	41.69	24.88	45.46	-	-	P	H
		17985	28.36	-25.64	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
		4804	43.89	-30.11	74	36.18	32.22	13.03	37.54	-	-	P	V
		4804	19.1	-34.9	54	-	-	-	-	-	-	A	V
		12375	52.05	-21.95	74	35.38	39.03	20.87	43.23	-	-	P	V
		12375	27.26	-26.74	54	-	-	-	-	-	-	A	V
		13255	52.82	-21.18	74	34.44	39.76	21.77	43.15	-	-	P	V
		13255	28.03	-25.97	54	-	-	-	-	-	-	A	V
		18000	53.24	-20.76	74	32.02	41.8	24.89	45.47	-	-	P	V
		18000	28.45	-25.55	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V



BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 39 2441MHz		4882	42.21	-31.79	74	34.22	32.59	13	37.6	-	-	P	H
		4882	17.42	-36.58	54	-	-	-	-	-	-	A	H
		7323	48.72	-25.28	74	34.57	36.75	15.93	38.53	-	-	P	H
		7323	23.93	-30.07	54	-	-	-	-	-	-	A	H
		12555	52.46	-21.54	74	35.42	39.26	21.06	43.28	-	-	P	H
		12555	27.67	-26.33	54	-	-	-	-	-	-	A	H
		13365	53.61	-20.39	74	34.98	39.93	21.87	43.17	-	-	P	H
		13365	28.82	-25.18	54	-	-	-	-	-	-	A	H
		17970	53.36	-20.64	74	32.35	41.59	24.87	45.45	-	-	P	H
		17970	28.57	-25.43	54	-	-	-	-	-	-	A	H
													H
													H
		4882	43.37	-30.63	74	35.38	32.59	13	37.6	-	-	P	V
		4882	18.58	-35.42	54	-	-	-	-	-	-	A	V
		7323	47.78	-26.22	74	33.63	36.75	15.93	38.53	-	-	P	V
		7323	22.99	-31.01	54	-	-	-	-	-	-	A	V
		12660	51.69	-22.31	74	34.34	39.42	21.17	43.24	-	-	P	V
		12660	26.9	-27.1	54	-	-	-	-	-	-	A	V
		13380	52.74	-21.26	74	34.06	39.96	21.89	43.17	-	-	P	V
		13380	27.95	-26.05	54	-	-	-	-	-	-	A	V
		17955	53.11	-20.89	74	32.2	41.49	24.86	45.44	-	-	P	V
		17955	28.32	-25.68	54	-	-	-	-	-	-	A	V
													V
													V



BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 78 2480MHz		4960	43.76	-30.24	74	35.44	33.02	12.96	37.66	-	-	P	H
		4960	18.97	-35.03	54	-	-	-	-	-	-	A	H
		7440	46.86	-27.14	74	33.29	36.22	15.98	38.63	-	-	P	H
		7440	22.07	-31.93	54	-	-	-	-	-	-	A	H
		11355	52.83	-21.17	74	36.29	39.01	19.9	42.37	-	-	P	H
		11355	28.04	-25.96	54	-	-	-	-	-	-	A	H
		13305	53.57	-20.43	74	35.1	39.81	21.81	43.15	-	-	P	H
		13305	28.78	-25.22	54	-	-	-	-	-	-	A	H
		17925	54.78	-19.22	74	34.09	41.27	24.84	45.42	-	-	P	H
		17925	29.99	-24.01	54	-	-	-	-	-	-	A	H
													H
													H
		4960	43.69	-30.31	74	35.37	33.02	12.96	37.66	-	-	P	V
		4960	18.9	-35.1	54	-	-	-	-	-	-	A	V
		7440	47.01	-26.99	74	33.44	36.22	15.98	38.63	-	-	P	V
		7440	22.22	-31.78	54	-	-	-	-	-	-	A	V
		12630	52.28	-21.72	74	35.03	39.36	21.14	43.25	-	-	P	V
		12630	27.49	-26.51	54	-	-	-	-	-	-	A	V
		13305	53.84	-20.16	74	35.37	39.81	21.81	43.15	-	-	P	V
		13305	29.05	-24.95	54	-	-	-	-	-	-	A	V
		17955	55.44	-18.56	74	34.53	41.49	24.86	45.44	-	-	P	V
		17955	30.65	-23.35	54	-	-	-	-	-	-	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



<Ant. 3>

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH00 2402MHz		2387.805	49.89	-24.11	74	40.23	27.25	18.68	36.27	137	25	P	H
		2387.805	25.1	-28.9	54	-	-	-	-	-	-	A	H
	*	2402	115.14	-	-	105.41	27.31	18.7	36.28	137	25	P	H
	*	2402	90.35	-	-	-	-	-	-	-	-	A	H
													H
													H
		2362.815	49.53	-24.47	74	40.01	27.15	18.63	36.26	363	115	P	V
		2362.815	24.74	-29.26	54	-	-	-	-	-	-	A	V
	*	2402	112.1	-	-	102.37	27.31	18.7	36.28	363	115	P	V
	*	2402	87.31	-	-	-	-	-	-	-	-	A	V
													V
													V
BT CH 39 2441MHz		2375.52	49.84	-24.16	74	40.25	27.2	18.66	36.27	117	26	P	H
		2375.52	25.05	-28.95	54	-	-	-	-	-	-	A	H
	*	2442	115.83	-	-	105.87	27.47	18.78	36.29	117	26	P	H
	*	2442	91.04	-	-	-	-	-	-	-	-	A	H
		2484.95	50.3	-23.7	74	40.11	27.64	18.86	36.31	117	26	P	H
		2484.95	25.51	-28.49	54	-	-	-	-	-	-	A	H
		2347.8	49.27	-24.73	74	39.81	27.1	18.61	36.25	395	115	P	V
		2347.8	24.48	-29.52	54	-	-	-	-	-	-	A	V
	*	2442	114.13	-	-	104.17	27.47	18.78	36.29	395	115	P	V
	*	2442	89.34	-	-	-	-	-	-	-	-	A	V
		2494.19	49.8	-24.2	74	39.56	27.68	18.88	36.32	395	115	P	V
		2494.19	25.01	-28.99	54	-	-	-	-	-	-	A	V



BT CH 78 2480MHz	*	2480	115.81	-	-	105.65	27.62	18.85	36.31	119	26	P	H
	*	2480	91.02	-	-	-	-	-	-	-	-	A	H
		2483.52	52.35	-21.65	74	42.17	27.63	18.86	36.31	119	26	P	H
		2483.52	27.56	-26.44	54	-	-	-	-	-	-	A	H
													H
													H
	*	2480	113.09	-	-	102.93	27.62	18.85	36.31	385	114	P	V
	*	2480	88.3	-	-	-	-	-	-	-	-	A	V
		2483.68	51.15	-22.85	74	40.97	27.63	18.86	36.31	385	114	P	V
		2483.68	26.36	-27.64	54	-	-	-	-	-	-	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 00 2402MHz		4804	42.85	-31.15	74	35.14	32.22	13.03	37.54	-	-	P	H
		4804	18.06	-35.94	54	-	-	-	-	-	-	A	H
		12480	52.69	-21.31	74	35.83	39.16	20.99	43.29	-	-	P	H
		12480	27.9	-26.1	54	-	-	-	-	-	-	A	H
		13335	52.77	-21.23	74	34.21	39.87	21.85	43.16	-	-	P	H
		13335	27.98	-26.02	54	-	-	-	-	-	-	A	H
		17940	54.22	-19.78	74	33.42	41.38	24.85	45.43	-	-	P	H
		17940	29.43	-24.57	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
		4804	41.76	-32.24	74	34.05	32.22	13.03	37.54	-	-	P	V
		4804	16.97	-37.03	54	-	-	-	-	-	-	A	V
		12015	52.59	-21.41	74	36.12	39.03	20.48	43.04	-	-	P	V
		12015	27.8	-26.2	54	-	-	-	-	-	-	A	V
		13380	52.83	-21.17	74	34.15	39.96	21.89	43.17	-	-	P	V
		13380	28.04	-25.96	54	-	-	-	-	-	-	A	V
		17895	53.81	-20.19	74	33.32	41.06	24.82	45.39	-	-	P	V
		17895	29.02	-24.98	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V



BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 39 2441MHz		4882	42.17	-31.83	74	34.18	32.59	13	37.6	-	-	P	H
		4882	17.38	-36.62	54	-	-	-	-	-	-	A	H
		7323	47.82	-26.18	74	33.67	36.75	15.93	38.53	-	-	P	H
		7323	23.03	-30.97	54	-	-	-	-	-	-	A	H
		12525	53.14	-20.86	74	36.18	39.22	21.03	43.29	-	-	P	H
		12525	28.35	-25.65	54	-	-	-	-	-	-	A	H
		13365	53.35	-20.65	74	34.72	39.93	21.87	43.17	-	-	P	H
		13365	28.56	-25.44	54	-	-	-	-	-	-	A	H
		17955	55.02	-18.98	74	34.11	41.49	24.86	45.44	-	-	P	H
		17955	30.23	-23.77	54	-	-	-	-	-	-	A	H
													H
													H
		4882	42.71	-31.29	74	34.72	32.59	13	37.6	-	-	P	V
		4882	17.92	-36.08	54	-	-	-	-	-	-	A	V
		7323	47.9	-26.1	74	33.75	36.75	15.93	38.53	-	-	P	V
		7323	23.11	-30.89	54	-	-	-	-	-	-	A	V
		12675	51.94	-22.06	74	34.53	39.45	21.19	43.23	-	-	P	V
		12675	27.15	-26.85	54	-	-	-	-	-	-	A	V
		13275	53.41	-20.59	74	34.99	39.78	21.79	43.15	-	-	P	V
		13275	28.62	-25.38	54	-	-	-	-	-	-	A	V
		17970	54.37	-19.63	74	33.36	41.59	24.87	45.45	-	-	P	V
		17970	29.58	-24.42	54	-	-	-	-	-	-	A	V
													V
													V



BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 78 2480MHz		4960	45.38	-28.62	74	37.06	33.02	12.96	37.66	-	-	P	H
		4960	20.59	-33.41	54	-	-	-	-	-	-	A	H
		7440	47.31	-26.69	74	33.74	36.22	15.98	38.63	-	-	P	H
		7440	22.52	-31.48	54	-	-	-	-	-	-	A	H
		12675	52.36	-21.64	74	34.95	39.45	21.19	43.23	-	-	P	H
		12675	27.57	-26.43	54	-	-	-	-	-	-	A	H
		13260	53.18	-20.82	74	34.79	39.76	21.78	43.15	-	-	P	H
		13260	28.39	-25.61	54	-	-	-	-	-	-	A	H
		17955	54.55	-19.45	74	33.64	41.49	24.86	45.44	-	-	P	H
		17955	29.76	-24.24	54	-	-	-	-	-	-	A	H
													H
													H
		4960	46.33	-27.67	74	38.01	33.02	12.96	37.66	-	-	P	V
		4960	21.54	-32.46	54	-	-	-	-	-	-	A	V
		7440	46.73	-27.27	74	33.16	36.22	15.98	38.63	-	-	P	V
		7440	21.94	-32.06	54	-	-	-	-	-	-	A	V
		12450	51.99	-22.01	74	35.2	39.1	20.96	43.27	-	-	P	V
		12450	27.2	-26.8	54	-	-	-	-	-	-	A	V
		13290	53.77	-20.23	74	35.33	39.79	21.8	43.15	-	-	P	V
		13290	28.98	-25.02	54	-	-	-	-	-	-	A	V
		17940	55.06	-18.94	74	34.26	41.38	24.85	45.43	-	-	P	V
		17940	30.27	-23.73	54	-	-	-	-	-	-	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



MIMO <Ant. 4+3>

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH00 2402MHz		2388.75	49.2	-24.8	74	39.54	27.25	18.68	36.27	319	106	P	H
		2388.75	24.44	-29.56	54	-	-	-	-	-	-	A	H
	*	2402	116.26	-	-	106.53	27.31	18.7	36.28	319	106	P	H
	*	2402	91.5	-	-	-	-	-	-	-	-	A	H
													H
													H
		2350.005	49.51	-24.49	74	40.05	27.1	18.61	36.25	350	62	P	V
		2350.005	24.75	-29.25	54	-	-	-	-	-	-	A	V
	*	2402	108.44	-	-	98.71	27.31	18.7	36.28	350	62	P	V
	*	2402	83.68	-	-	-	-	-	-	-	-	A	V
													V
													V
BT CH 39 2441MHz		2371.04	49.66	-24.34	74	40.09	27.18	18.65	36.26	307	96	P	H
		2371.04	24.9	-29.1	54	-	-	-	-	-	-	A	H
	*	2441	117.44	-	-	107.49	27.46	18.78	36.29	307	96	P	H
	*	2441	92.68	-	-	-	-	-	-	-	-	A	H
		2483.83	50.08	-23.92	74	39.89	27.64	18.86	36.31	307	96	P	H
		2483.83	25.32	-28.68	54	-	-	-	-	-	-	A	H
		2349.06	49.72	-24.28	74	40.26	27.1	18.61	36.25	400	116	P	V
		2349.06	24.96	-29.04	54	-	-	-	-	-	-	A	V
	*	2441	114.76	-	-	104.81	27.46	18.78	36.29	400	116	P	V
	*	2441	90	-	-	-	-	-	-	-	-	A	V
		2483.83	49.86	-24.14	74	39.67	27.64	18.86	36.31	400	116	P	V
		2483.83	25.1	-28.9	54	-	-	-	-	-	-	A	V



BT CH 78 2480MHz	*	2480	119.19	-	-	109.03	27.62	18.85	36.31	304	98	P	H
	*	2480	94.43	-	-	-	-	-	-	-	-	A	H
		2483.72	54.66	-19.34	74	44.48	27.63	18.86	36.31	304	98	P	H
		2483.72	29.9	-24.1	54	-	-	-	-	-	-	A	H
													H
													H
	*	2480	112.38	-	-	102.22	27.62	18.85	36.31	299	120	P	V
	*	2480	87.62	-	-	-	-	-	-	-	-	A	V
		2489.92	51.19	-22.81	74	40.98	27.66	18.87	36.32	299	120	P	V
		2489.92	26.43	-27.57	54	-	-	-	-	-	-	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 00 2402MHz		4804	42.83	-31.17	74	35.12	32.22	13.03	37.54	-	-	P	H
		4804	18.07	-35.93	54	-	-	-	-	-	-	A	H
		12675	51.83	-22.17	74	34.42	39.45	21.19	43.23	-	-	P	H
		12675	27.07	-26.93	54	-	-	-	-	-	-	A	H
		13395	53.08	-20.92	74	34.36	39.99	21.9	43.17	-	-	P	H
		13395	28.32	-25.68	54	-	-	-	-	-	-	A	H
		17985	53.58	-20.42	74	32.47	41.69	24.88	45.46	-	-	P	H
		17985	28.82	-25.18	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
		4804	42.01	-31.99	74	34.3	32.22	13.03	37.54	-	-	P	V
		4804	17.25	-36.75	54	-	-	-	-	-	-	A	V
		12600	52.33	-21.67	74	35.18	39.3	21.11	43.26	-	-	P	V
		12600	27.57	-26.43	54	-	-	-	-	-	-	A	V
		13350	53.03	-20.97	74	34.43	39.9	21.86	43.16	-	-	P	V
		13350	28.27	-25.73	54	-	-	-	-	-	-	A	V
		18000	53.96	-20.04	74	32.74	41.8	24.89	45.47	-	-	P	V
		18000	29.2	-24.8	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V



BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 39 2441MHz		4882	42.83	-31.17	74	34.84	32.59	13	37.6	-	-	P	H
		4882	18.07	-35.93	54	-	-	-	-	-	-	A	H
		7323	47.72	-26.28	74	33.57	36.75	15.93	38.53	-	-	P	H
		7323	22.96	-31.04	54	-	-	-	-	-	-	A	H
		10695	51.74	-22.26	74	35.27	38.9	19.28	41.71	-	-	P	H
		10695	26.98	-27.02	54	-	-	-	-	-	-	A	H
		13395	53.03	-20.97	74	34.31	39.99	21.9	43.17	-	-	P	H
		13395	28.27	-25.73	54	-	-	-	-	-	-	A	H
		17970	53.34	-20.66	74	32.33	41.59	24.87	45.45	-	-	P	H
		17970	28.58	-25.42	54	-	-	-	-	-	-	A	H
													H
													H
		4882	42.26	-31.74	74	34.27	32.59	13	37.6	-	-	P	V
		4882	17.5	-36.5	54	-	-	-	-	-	-	A	V
		7323	48.65	-25.35	74	34.5	36.75	15.93	38.53	-	-	P	V
		7323	23.89	-30.11	54	-	-	-	-	-	-	A	V
		12585	52.27	-21.73	74	35.16	39.28	21.1	43.27	-	-	P	V
		12585	27.51	-26.49	54	-	-	-	-	-	-	A	V
		13320	54.25	-19.75	74	35.73	39.84	21.84	43.16	-	-	P	V
		13320	29.49	-24.51	54	-	-	-	-	-	-	A	V
		17910	53.29	-20.71	74	32.7	41.17	24.83	45.41	-	-	P	V
		17910	28.53	-25.47	54	-	-	-	-	-	-	A	V
													V
													V



BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 78 2480MHz		4960	44.14	-29.86	74	35.82	33.02	12.96	37.66	-	-	P	H
		4960	19.38	-34.62	54	-	-	-	-	-	-	A	H
		7440	46.29	-27.71	74	32.72	36.22	15.98	38.63	-	-	P	H
		7440	21.53	-32.47	54	-	-	-	-	-	-	A	H
		12240	52.15	-21.85	74	35.42	39.16	20.73	43.16	-	-	P	H
		12240	27.39	-26.61	54	-	-	-	-	-	-	A	H
		13335	53.14	-20.86	74	34.58	39.87	21.85	43.16	-	-	P	H
		13335	28.38	-25.62	54	-	-	-	-	-	-	A	H
		17970	53.65	-20.35	74	32.64	41.59	24.87	45.45	-	-	P	H
		17970	28.89	-25.11	54	-	-	-	-	-	-	A	H
													H
													H
		4960	44.03	-29.97	74	35.71	33.02	12.96	37.66	-	-	P	V
		4960	19.27	-34.73	54	-	-	-	-	-	-	A	V
		7440	46.43	-27.57	74	32.86	36.22	15.98	38.63	-	-	P	V
		7440	21.67	-32.33	54	-	-	-	-	-	-	A	V
		12690	52.28	-21.72	74	34.81	39.48	21.21	43.22	-	-	P	V
		12690	27.52	-26.48	54	-	-	-	-	-	-	A	V
		13365	53.15	-20.85	74	34.52	39.93	21.87	43.17	-	-	P	V
		13365	28.39	-25.61	54	-	-	-	-	-	-	A	V
		17955	53.56	-20.44	74	32.65	41.49	24.86	45.44	-	-	P	V
		17955	28.8	-25.2	54	-	-	-	-	-	-	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Emission above 18GHz

2.4GHz BT (SHF)

[illegible]