

Report on the RF Testing of:

KYOCERA Corporation
Mobile Phone, Model: EB1220
FCC ID: JOYEB1220



In accordance with FCC Part15 Subpart C

Prepared for: KYOCERA Corporation
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COMMERCIAL-IN-CONFIDENCE

Document Number: JPD-TR-25110-0

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Signatures in this approval box have checked this document in line with the requirements of TÜV SÜD Japan Ltd. document control rules.

EXECUTIVE SUMMARY – Result: Complied

A sample(s) of this product was tested and the result above was confirmed in accordance with FCC Part15 Subpart C.



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1 Summary of Test

1.1 Modification history of the test report

Document Number	Modification History	Issue Date
JPD-TR-25110-0	First Issue	Refer to the cover page

1.2 Standards

CFR47 FCC Part 15 Subpart C

1.3 Test methods

ANSI C63.10-2020
KDB 558074 D01 15.247 Meas Guidance v05r02

1.4 Deviation from standards

None

1.5 List of applied test(s) of the EUT

Test item section	Test item	Condition	Result	Remark
15.247(a)(2)	DTS Bandwidth	Conducted	PASS	-
15.247(b)(3)	Maximum conducted (average) output power	Conducted	PASS	-
15.247(d)	Band Edge Compliance of RF Conducted Emissions	Conducted	PASS	-
15.247(d) 15.205 15.209	Spurious Emissions	Conducted	PASS	-
		Radiated	PASS	-
15.247(d) 15.205 15.209	Restricted Bands of Operation	Radiated	PASS	-
15.247(e)	Transmitter Power Spectral Density	Conducted	PASS	-
15.207	AC Power Line Conducted Emissions	Conducted	PASS	-

1.6 Test information

None

1.7 Test set up

Table-top

1.8 Test period

28-October-2025 - 4-December-2025

2 Equipment Under Test

All information in this chapter was provided by the applicant.

2.1 EUT information

Applicant	KYOCERA Corporation Yokohama Office 2-1-1 Kagahara, Tsuzuki-ku Yokohama-shi, Kanagawa, Japan Phone: +81-90-6100-4946
Equipment Under Test (EUT)	Mobile Phone
Model number	EB1220
Serial number	353379980000799, 353379980008909
Trade name	Kyocera
Number of sample(s)	2
EUT condition	Pre-Production
Power rating	Battery: DC 3.87 V USB: DC 5.0 ~ 9.0V 2.0A
Size	(W) 75 mm × (D) 14.6 mm × (H) 157 mm
Environment	Indoor and Outdoor use
Terminal limitation	-20 °C to 60 °C
Hardware version	DMT1
Software version	0.070KB.0015.a
Firmware version	Not applicable
RF Specification	
Protocol	IEEE802.11ax (HE20)
Frequency range	IEEE802.11ax (HE20): 2412 MHz-2462 MHz
Number of RF Channels	11 Channels
Modulation type	IEEE802.11ax (HE20): OFDM, OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)
Data rate	IEEE802.11ax (HE20 LGI): 7.3, 14.6, 21.9, 29.3, 43.9, 58.5, 65.8, 73.1, 87.8, 97.5, 109.7, 121.9Mbps IEEE802.11ax (HE20 SGI): 8.6, 17.2, 25.8, 34.4, 51.6, 68.8, 77.4, 86, 103.2, 114.7, 129, 143.4Mbps
Channel separation	5 MHz
Conducted power	242.440 mW (IEEE802.11ax)
Antenna type	Internal antenna
Antenna gain	Chain 0: 1.1 dBi Chain 1: 1.5 dBi

2.2 Modification to the EUT

The table below details modifications made to the EUT during the test project.

Modification State	Description of Modification	Modification fitted by	Date of Modification
Model: EB1220 Serial Number: 353379980000799, 3533799800008909			
0	As supplied by the applicant	Not Applicable	Not Applicable

2.3 Variation of family model(s)

2.3.1 List of family model(s)

Not applicable

2.3.2 Reason for selection of EUT

Not applicable

2.4 Operating channels and frequencies

Channel	Frequency [MHz]
1	2412
2	2417
3	2422
4	2427
5	2432
6	2437
7	2442
8	2447
9	2452
10	2457
11	2462

2.5 Description of test mode

The EUT had been tested under operating condition.
There are three channels have been tested as following:

Tested Channel [11ax(HE20)]	Frequency [MHz]
Low	2412
Middle	2437
High	2462

The pre-test has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates.

Tested Channel	Modulation Type	Data Rate
Low, Middle, High	IEEE802.11ax (HE20 LCI): OFDM, OFDMA	MCS0 (7.3Mbps)

The field strength of spurious emissions was measured at each position of all three axis X, Y and Z to compare the level, and the maximum noise.

The worst emission was found in X-axis, Chain Both and the worst case recorded.

Pre-scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports.

2.6 Operating flow

- Tx mode

- i) Test program setup to the Software
- ii) Select a Test mode
[IEEE802.11ax (HE20)]
Operating frequency: Channel Low: 2412MHz, Channel Middle: 2437MHz, Channel High: 2462MHz
- iii) Start test mode

- Rx mode

- i) Test program setup to the Software
- ii) Select a Test mode
[IEEE802.11ax (HE20)]
Operating frequency: Channel Low: 2412MHz, Channel Middle: 2437MHz, Channel High: 2462MHz
- iii) Start test mode

3 Configuration of Equipment

Numbers assigned to equipment on the diagram in “3.3 System configuration” correspond to the list in “3.1 Equipment used” and “3.2 Cable(s) used”.

This test configuration is based on the manufacture’s instruction.

Cabling and setup(s) were taken into consideration and test data was taken under worse case condition.

3.1 Equipment used

No.	Equipment	Company	Model No.	Serial No.	FCC ID/DoC	Comment
1	Mobile Phone	KYOCERA	EB1220	353379980000799, 3533799800008909	JOYEB1220	EUT
2	AC Adapter	KDDI	0602PQA	N/A	N/A	*

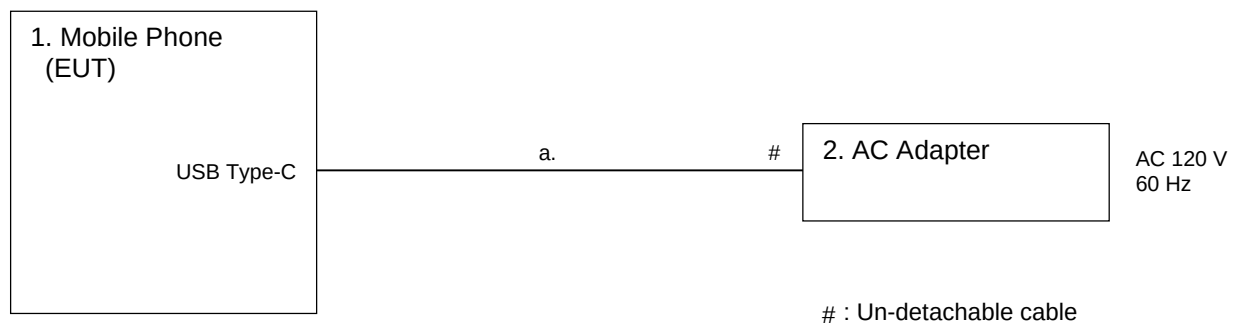
*:AC power line Conducted Emission Test.

3.2 Cable(s) used

No.	Equipment	Length[m]	Shield	Connector	Comment
a	USB cable (for AC Adapter)	1.5	No	Plastic	*

*:AC power line Conducted Emission Test.

3.3 System configuration



4 Test Result

4.1 DTS Bandwidth

4.1.1 Measurement procedure

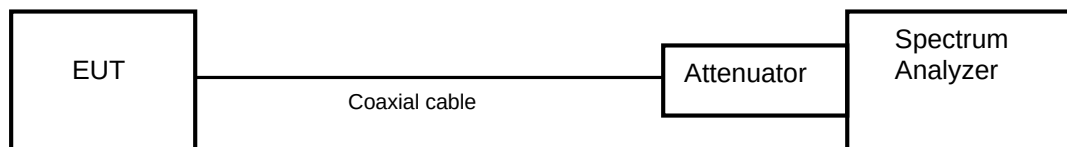
[FCC 15.247(a)(2), KDB 558074 D01 v05r02, Section 8.2]

The bandwidth at 6dB down from the highest inband spectral density is measured with a spectrum analyzer connected to the antenna terminal, while EUT is operating in transmission mode at the appropriate center frequency.

The spectrum analyzer is set to;

- a) RBW = 100kHz.
- b) VBW $\geq 3 \times$ RBW.
- c) Sweep time = auto-couple.
- d) Detector = peak.
- e) Trace mode = max hold.

- Test configuration



4.1.2 Limit

The minimum permissible 6 dB bandwidth is 500 kHz.

4.1.3 Measurement result

Date : 6-November-2025
 Temperature : 19.3 [°C]
 Humidity : 48.8 [%]
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

Date : 4-December-2025
 Temperature : 19.6 [°C]
 Humidity : 50.3 [%]
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

[Chain 0]

Channel	DTS bandwidth [MHz]			
	26-Tones	52-Tones	106-Tones	242-Tones
	RU Index L:0, M:4, H:8	RU Index L:37, M:38, H:40	RU Index L:53, M:53, H:54	RU Index 61
Low	2.098	17.143	18.132	19.121
Middle	15.165	15.135	17.173	19.091
High	2.128	17.113	17.173	19.121

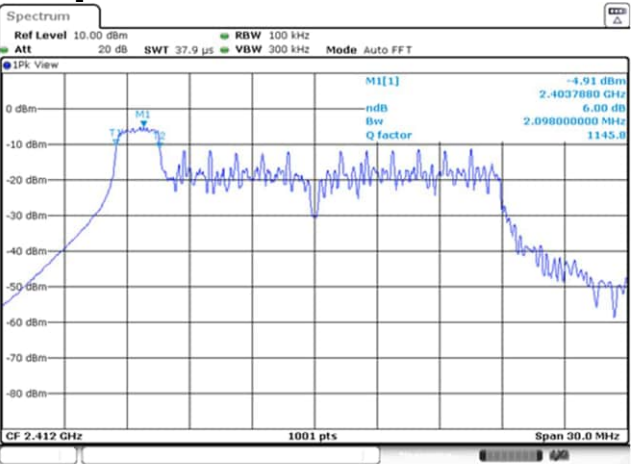
[Chain 1]

Channel	DTS bandwidth [MHz]			
	26-Tones	52-Tones	106-Tones	242-Tones
	RU Index L:0, M:4, H:8	RU Index L:37, M:38, H:40	RU Index L:53, M:53, H:54	RU Index 61
Low	2.128	17.143	18.162	19.091
Middle	13.756	15.165	17.173	19.151
High	2.098	17.143	17.173	18.971

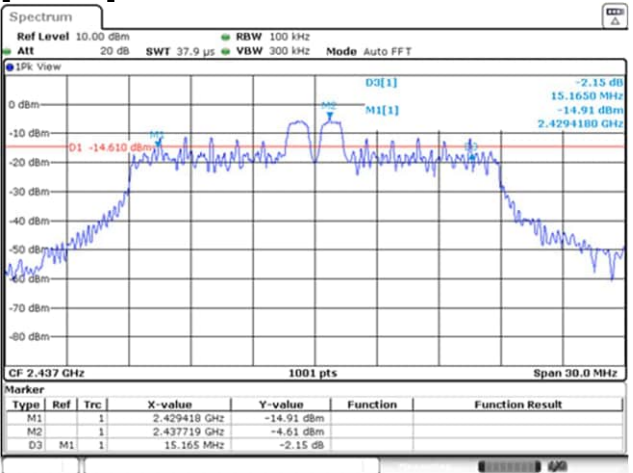
4.1.4 Trace data

[IEEE802.11ax (HE20)_26-Tones]

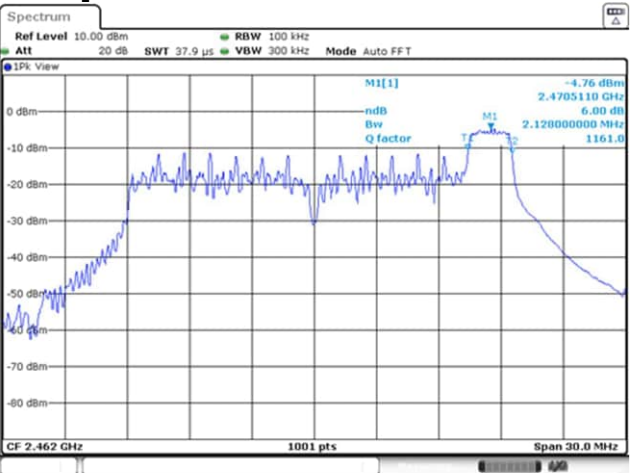
Channel Low[Chain 0]



Channel Middle[Chain 0]

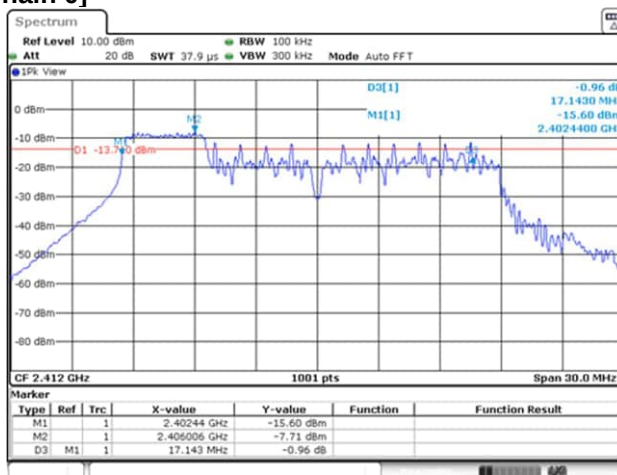


Channel High[Chain 0]

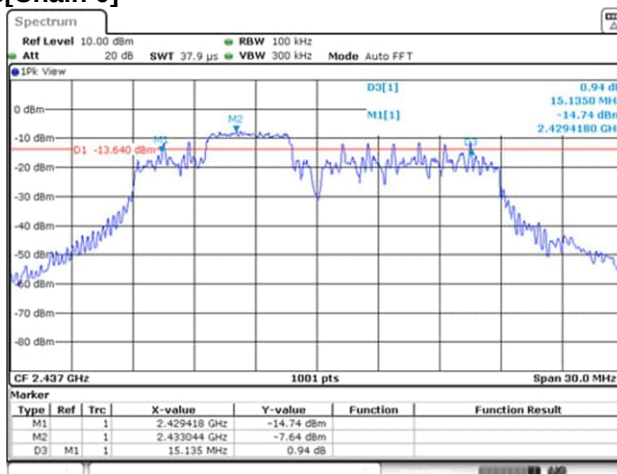


[IEEE802.11ax (HE20)_52-Tones]

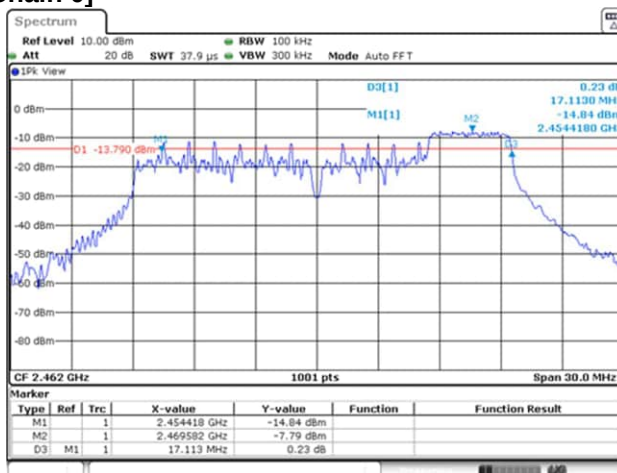
Channel Low[Chain 0]



Channel Middle[Chain 0]

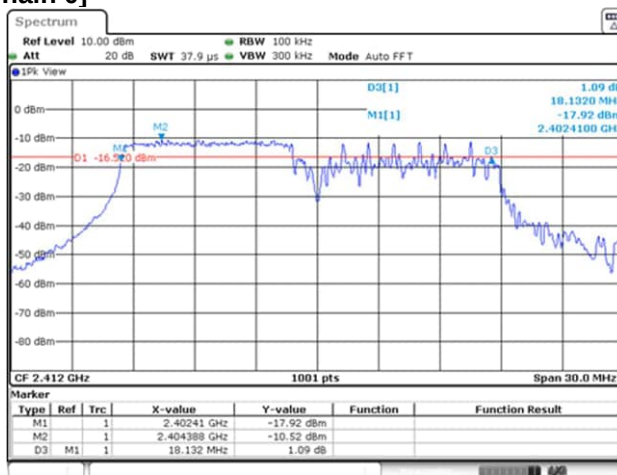


Channel High[Chain 0]

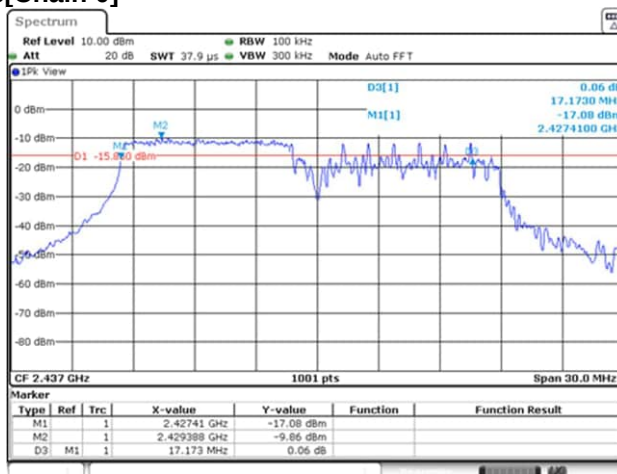


[IEEE802.11ax (HE20)_106-Tones]

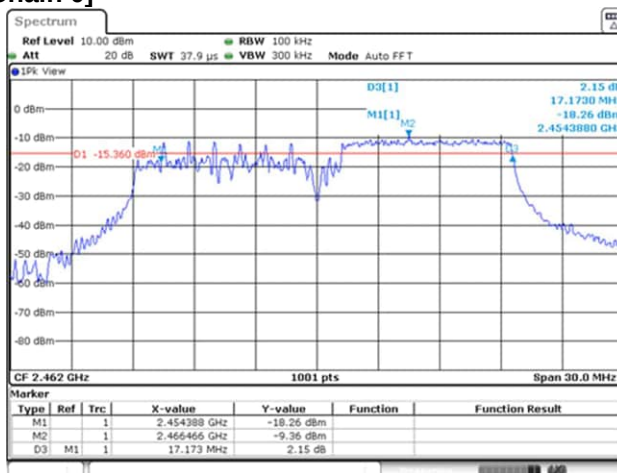
Channel Low[Chain 0]



Channel Middle[Chain 0]

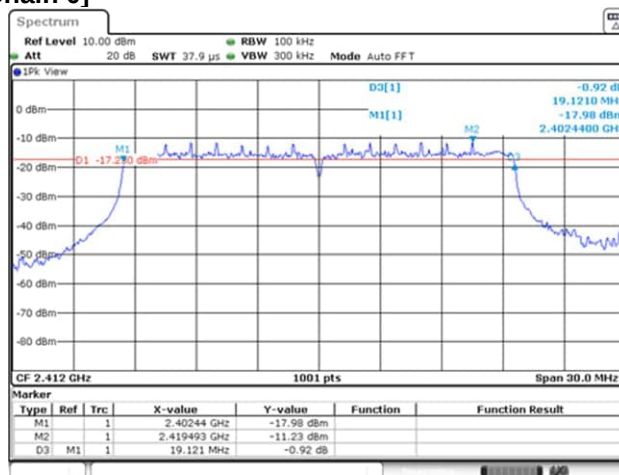


Channel High[Chain 0]

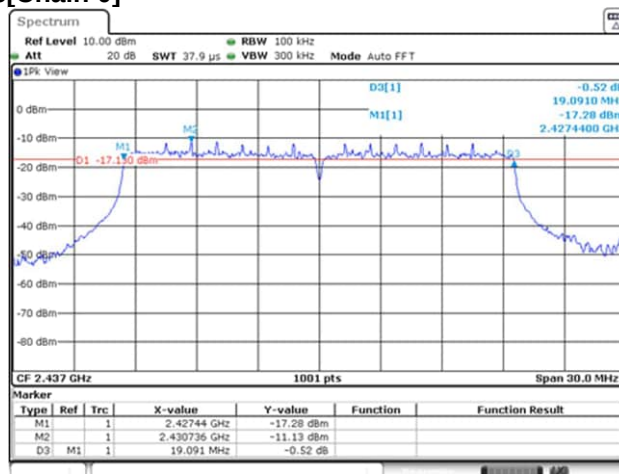


[IEEE802.11ax (HE20)_242-Tones]

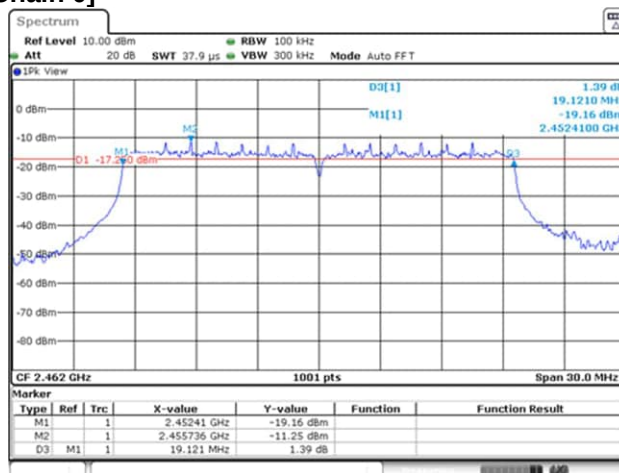
Channel Low[Chain 0]



Channel Middle[Chain 0]

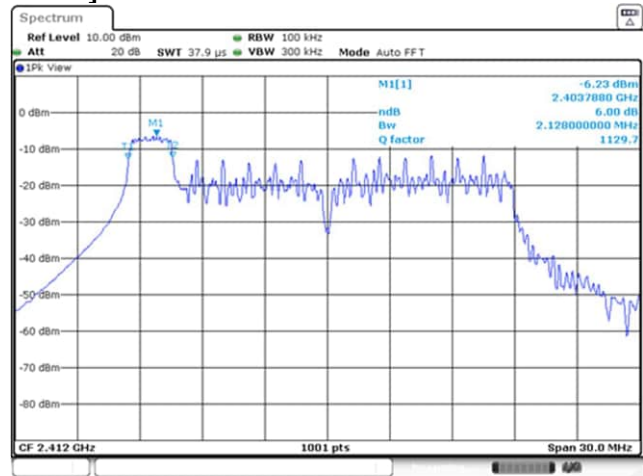


Channel High[Chain 0]

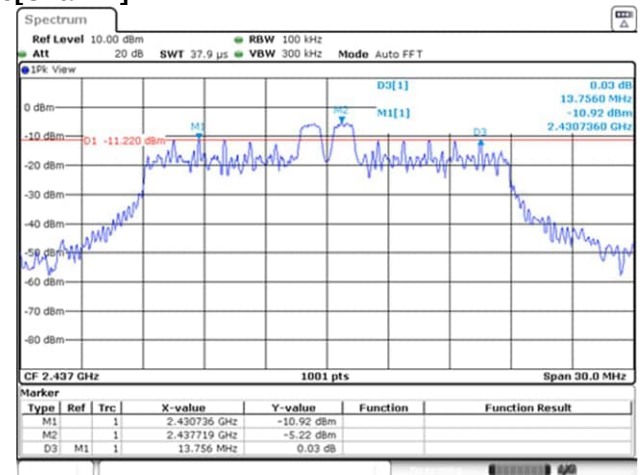


[IEEE802.11ax (HE20)_26-Tones]

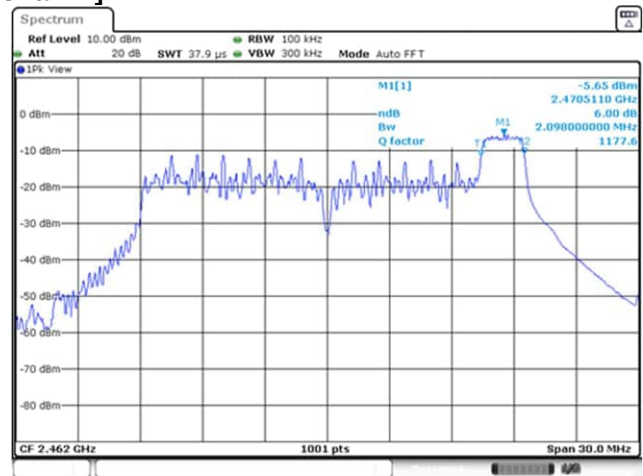
Channel Low[Chain 1]



Channel Middle[Chain 1]

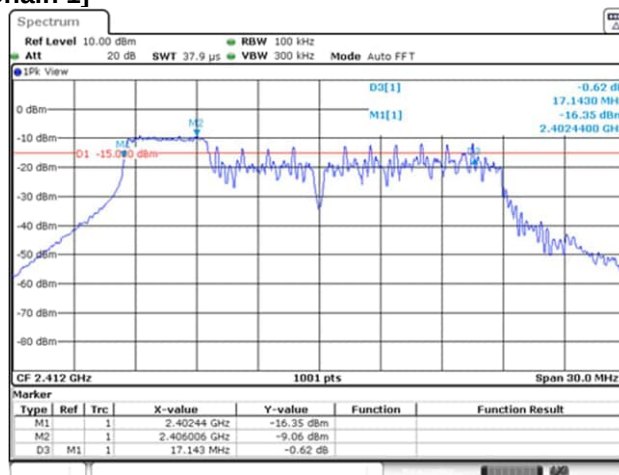


Channel High[Chain 1]

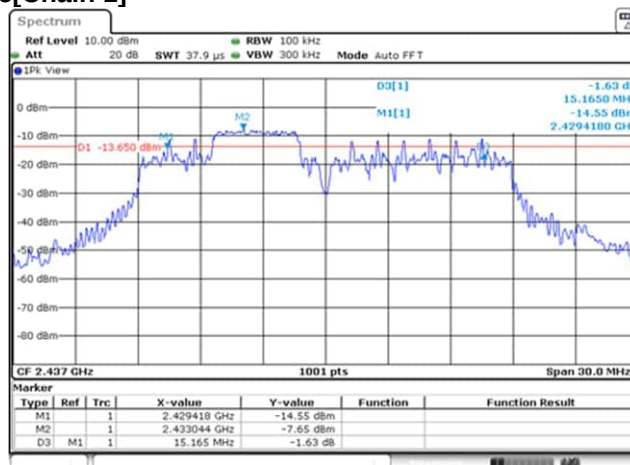


[IEEE802.11ax (HE20)_52-Tones]

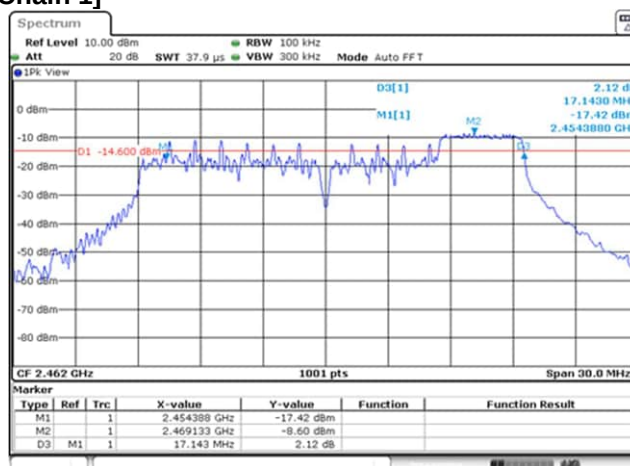
Channel Low[Chain 1]



Channel Middle[Chain 1]

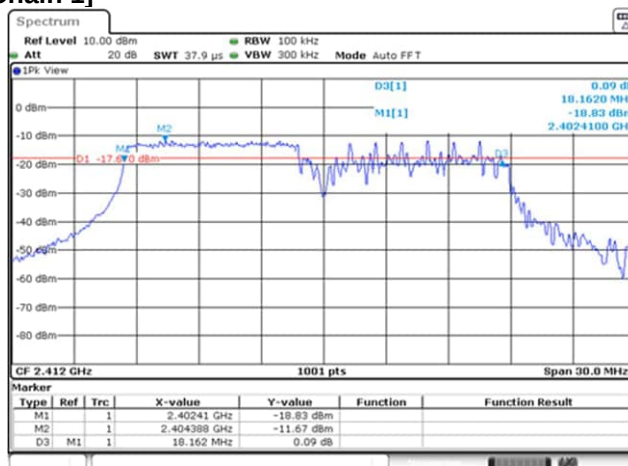


Channel High[Chain 1]

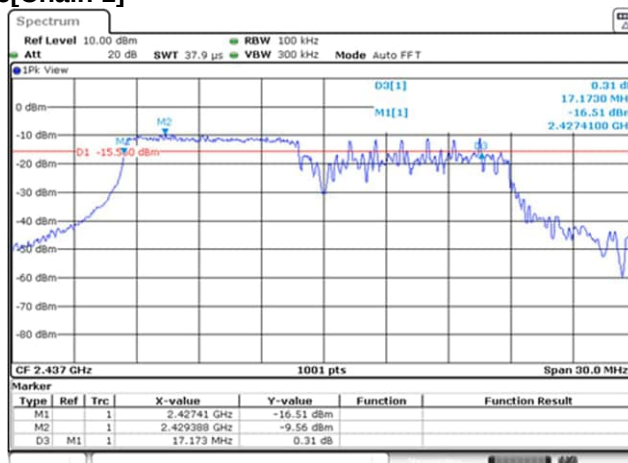


[IEEE802.11ax (HE20)_106-Tones]

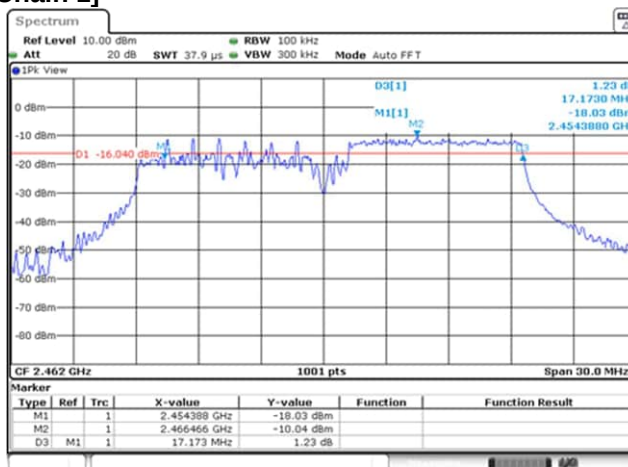
Channel Low[Chain 1]



Channel Middle[Chain 1]

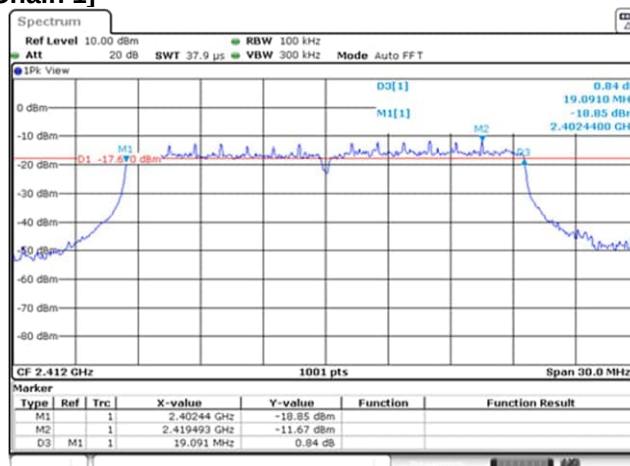


Channel High[Chain 1]

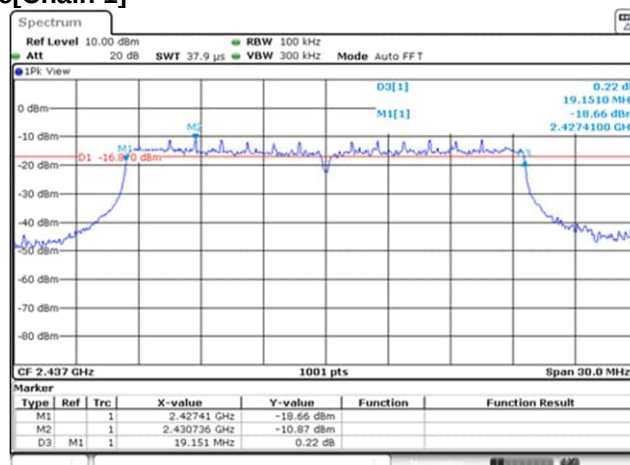


[IEEE802.11ax (HE20)_242-Tones]

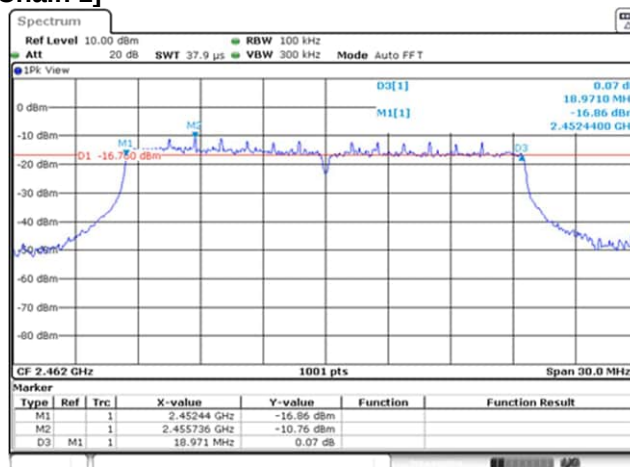
Channel Low[Chain 1]



Channel Middle[Chain 1]



Channel High[Chain 1]



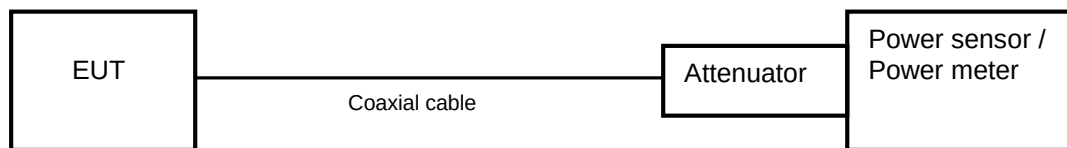
4.2 Maximum Conducted Output Power

4.2.1 Measurement procedure

[FCC 15.247(b)(3), KDB 558074 D01 v05r02, Section 8.3.1.3]

The peak power is measured with a power sensor connected to the antenna terminal, while EUT is operating in transmission mode at the appropriate center frequency.

- Test configuration



4.2.2 Limit

1 W (1000 mW) or less

4.2.3 Measurement result

Date : 4-December-2025
Temperature : 19.6 [°C]
Humidity : 50.3 [%]
Test place : Shielded room No.4

Test engineer : Kazunori Saito

[IEEE802.11ax (HE20)_26-Tones]
Battery Full[Chain 0]

Channel	Center Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Peak Output Power (mW)	Limit (mW)	Result
Low	2412	10.07	10.52	20.59	114.551	≤ 1000	PASS
Middle	2437	9.76	10.52	20.28	106.660	≤ 1000	PASS
High	2462	9.66	10.52	20.18	104.232	≤ 1000	PASS

[IEEE802.11ax (HE20)_52-Tones]
Battery Full[Chain 0]

Channel	Center Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Peak Output Power (mW)	Limit (mW)	Result
Low	2412	10.02	10.52	20.54	113.240	≤ 1000	PASS
Middle	2437	9.70	10.52	20.22	105.196	≤ 1000	PASS
High	2462	9.65	10.52	20.17	103.992	≤ 1000	PASS

[IEEE802.11ax (HE20)_106-Tones]
Battery Full[Chain 0]

Channel	Center Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Peak Output Power (mW)	Limit (mW)	Result
Low	2412	10.08	10.52	20.60	114.815	≤ 1000	PASS
Middle	2437	9.93	10.52	20.45	110.917	≤ 1000	PASS
High	2462	9.58	10.52	20.10	102.329	≤ 1000	PASS

[IEEE802.11ax (HE20)_242-Tones]
Battery Full[Chain 0]

Channel	Center Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Peak Output Power (mW)	Limit (mW)	Result
Low	2412	9.92	10.52	20.44	110.662	≤ 1000	PASS
Middle	2437	9.73	10.52	20.25	105.925	≤ 1000	PASS
High	2462	9.62	10.52	20.14	103.276	≤ 1000	PASS

Calculation;

Reading (dBm) + Factor (dB) = Level (dBm)

$10\log P = \text{Level (dBm)}$

$P = 10^{(\text{Maximum Peak Output Power} / 10)} \text{ (mW)}$

[IEEE802.11ax (HE20)_26-Tones]
Battery Full[Chain 1]

Channel	Center Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Peak Output Power (mW)	Limit (mW)	Result
Low	2412	9.41	10.52	19.93	98.401	≤1000	PASS
Middle	2437	9.39	10.52	19.91	97.949	≤1000	PASS
High	2462	9.39	10.52	19.91	97.949	≤1000	PASS

[IEEE802.11ax (HE20)_52-Tones]
Battery Full[Chain 1]

Channel	Center Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Peak Output Power (mW)	Limit (mW)	Result
Low	2412	9.29	10.52	19.81	95.719	≤1000	PASS
Middle	2437	10.23	10.52	20.75	118.850	≤1000	PASS
High	2462	9.44	10.52	19.96	99.083	≤1000	PASS

[IEEE802.11ax (HE20)_106-Tones]
Battery Full[Chain 1]

Channel	Center Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Peak Output Power (mW)	Limit (mW)	Result
Low	2412	9.41	10.52	19.93	98.401	≤1000	PASS
Middle	2437	10.67	10.52	21.19	131.522	≤1000	PASS
High	2462	10.31	10.52	20.83	121.060	≤1000	PASS

[IEEE802.11ax (HE20)_242-Tones]
Battery Full[Chain 1]

Channel	Center Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Peak Output Power (mW)	Limit (mW)	Result
Low	2412	9.33	10.52	19.85	96.605	≤1000	PASS
Middle	2437	10.21	10.52	20.73	118.304	≤1000	PASS
High	2462	9.37	10.52	19.89	97.499	≤1000	PASS

Calculation;

Reading (dBm) + Factor (dB) = Level (dBm)

$10\log P = \text{Level (dBm)}$

$P = 10^{(\text{Maximum Peak Output Power} / 10)} \text{ (mW)}$

[IEEE802.11ax (HE20) 26-Tones]
Battery Full[Chain 0+1]

Channel	Center Frequency (MHz)	Level (dBm)		Total Output Power (mW)	Limit (mW)	Result
		Chain 0	Chain 1			
Low	2412	20.59	19.93	212.952	≤ 1000	PASS
Middle	2437	20.28	19.91	204.609	≤ 1000	PASS
High	2462	20.18	19.91	202.181	≤ 1000	PASS

[IEEE802.11ax (HE20) 52-Tones]
Battery Full[Chain 0+1]

Channel	Center Frequency (MHz)	Level (dBm)		Total Output Power (mW)	Limit (mW)	Result
		Chain 0	Chain 1			
Low	2412	20.54	19.81	208.959	≤ 1000	PASS
Middle	2437	20.22	20.75	224.046	≤ 1000	PASS
High	2462	20.17	19.96	203.075	≤ 1000	PASS

[IEEE802.11ax (HE20) 106-Tones]
Battery Full[Chain 0+1]

Channel	Center Frequency (MHz)	Level (dBm)		Total Output Power (mW)	Limit (mW)	Result
		Chain 0	Chain 1			
Low	2412	20.60	19.93	213.216	≤ 1000	PASS
Middle	2437	20.45	21.19	242.440	≤ 1000	PASS
High	2462	20.10	20.83	223.389	≤ 1000	PASS

[IEEE802.11ax (HE20) 242-Tones]
Battery Full[Chain 0+1]

Channel	Center Frequency (MHz)	Level (dBm)		Total Output Power (mW)	Limit (mW)	Result
		Chain 0	Chain 1			
Low	2412	20.44	19.85	207.267	≤ 1000	PASS
Middle	2437	20.25	20.73	224.230	≤ 1000	PASS
High	2462	20.14	19.89	200.775	≤ 1000	PASS

Calculation;

Reading (dBm) + Factor (dB) = Level (dBm)

$10\log P = \text{Level (dBm)}$

$P = 10^{(\text{Maximum Peak Output Power} / 10)} \text{ (mW)}$

4.3 Band Edge Compliance of RF Conducted Emissions

4.3.1 Measurement procedure

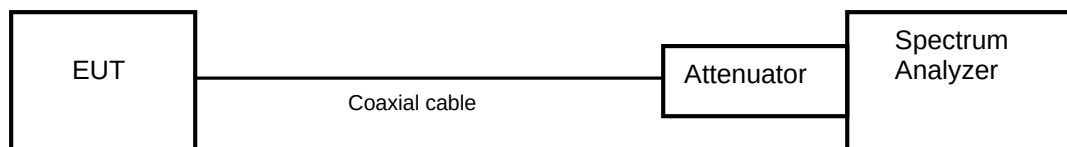
[FCC 15.247(d), KDB 558074 D01 v05r02, Section 8.5]

The Band Edge is measured with a spectrum analyzer connected to the antenna terminal, while EUT is operating in transmission mode at the appropriate center frequency.

The spectrum analyzer is set to;

- a) Span = Arbitrary setting. (Setting suitable for measurement.)
- b) RBW = 100kHz.
- c) VBW $\geq 3 \times$ RBW
- d) Sweep time = auto-couple.
- e) Detector = peak.
- f) Trace mode = max hold.

- Test configuration



4.3.2 Limit

In any 100 kHz bandwidth outside the frequency band the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power.

4.3.3 Measurement result

Date : 6-November-2025
 Temperature : 19.3 [°C]
 Humidity : 48.8 [%]
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

Date : 4-December-2025
 Temperature : 19.6 [°C]
 Humidity : 50.3 [%]
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

[IEEE802.11ax (HE20) 26-Tones] [Chain 0]

Channel	Frequency (MHz)	RF Power Level (dBm)	Band-edge Frequency (MHz)	Band-edge Level (dBm)	Difference Level (dBm)	Limit (dBm)	Result
Low	2412	-5.175	2399.920	-40.550	-25.175	At least 20dB below from peak of RF	PASS
High	2462	-4.783	2483.820	-60.310	-24.783	At least 20dB below from peak of RF	PASS

[IEEE802.11ax (HE20) 52-Tones] [Chain 0]

Channel	Frequency (MHz)	RF Power Level (dBm)	Band-edge Frequency (MHz)	Band-edge Level (dBm)	Difference Level (dBm)	Limit (dBm)	Result
Low	2412	-7.897	2399.920	-41.941	-27.897	At least 20dB below from peak of RF	PASS
High	2462	-7.924	2484.779	-59.772	-27.924	At least 20dB below from peak of RF	PASS

[IEEE802.11ax (HE20) 106-Tones] [Chain 0]

Channel	Frequency (MHz)	RF Power Level (dBm)	Band-edge Frequency (MHz)	Band-edge Level (dBm)	Difference Level (dBm)	Limit (dBm)	Result
Low	2412	-10.451	2399.840	-44.866	-30.451	At least 20dB below from peak of RF	PASS
High	2462	-9.464	2484.219	-59.827	-29.464	At least 20dB below from peak of RF	PASS

[IEEE802.11ax (HE20) 242-Tones] [Chain 0]

Channel	Frequency (MHz)	RF Power Level (dBm)	Band-edge Frequency (MHz)	Band-edge Level (dBm)	Difference Level (dBm)	Limit (dBm)	Result
Low	2422	-11.257	2399.920	-47.525	-31.257	At least 20dB below from peak of RF	PASS
High	2452	-11.234	2483.580	-52.933	-31.234	At least 20dB below from peak of RF	PASS

[IEEE802.11ax (HE20) 26-Tones] [Chain 1]

Channel	Frequency (MHz)	RF Power Level (dBm)	Band-edge Frequency (MHz)	Band-edge Level (dBm)	Difference Level (dBm)	Limit (dBm)	Result
Low	2412	-5.947	2399.920	-39.937	-25.947	At least 20dB below from peak of RF	PASS
High	2462	-5.564	2483.820	-59.665	-25.564	At least 20dB below from peak of RF	PASS

[IEEE802.11ax (HE20) 52-Tones] [Chain 1]

Channel	Frequency (MHz)	RF Power Level (dBm)	Band-edge Frequency (MHz)	Band-edge Level (dBm)	Difference Level (dBm)	Limit (dBm)	Result
Low	2412	-8.956	2399.920	-41.861	-28.956	At least 20dB below from peak of RF	PASS
High	2462	-8.497	2484.779	-57.280	-28.497	At least 20dB below from peak of RF	PASS

[IEEE802.11ax (HE20) 106-Tones] [Chain 1]

Channel	Frequency (MHz)	RF Power Level (dBm)	Band-edge Frequency (MHz)	Band-edge Level (dBm)	Difference Level (dBm)	Limit (dBm)	Result
Low	2412	-11.584	2399.840	-44.062	-31.584	At least 20dB below from peak of RF	PASS
High	2462	-10.301	2484.219	-59.336	-30.301	At least 20dB below from peak of RF	PASS

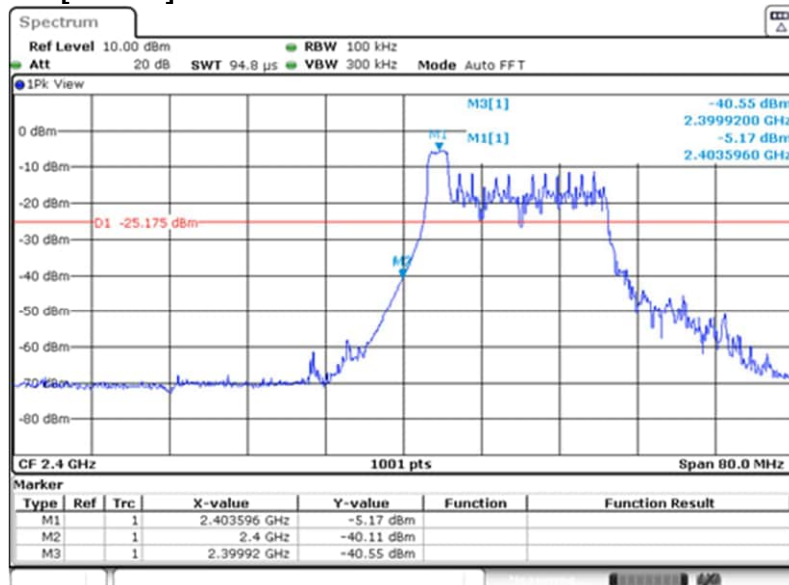
[IEEE802.11ax (HE20) 242-Tones] [Chain 1]

Channel	Frequency (MHz)	RF Power Level (dBm)	Band-edge Frequency (MHz)	Band-edge Level (dBm)	Difference Level (dBm)	Limit (dBm)	Result
Low	2412	-11.546	2399.680	-46.994	-31.546	At least 20dB below from peak of RF	PASS
High	2462	-10.805	2484.379	-52.528	-30.805	At least 20dB below from peak of RF	PASS

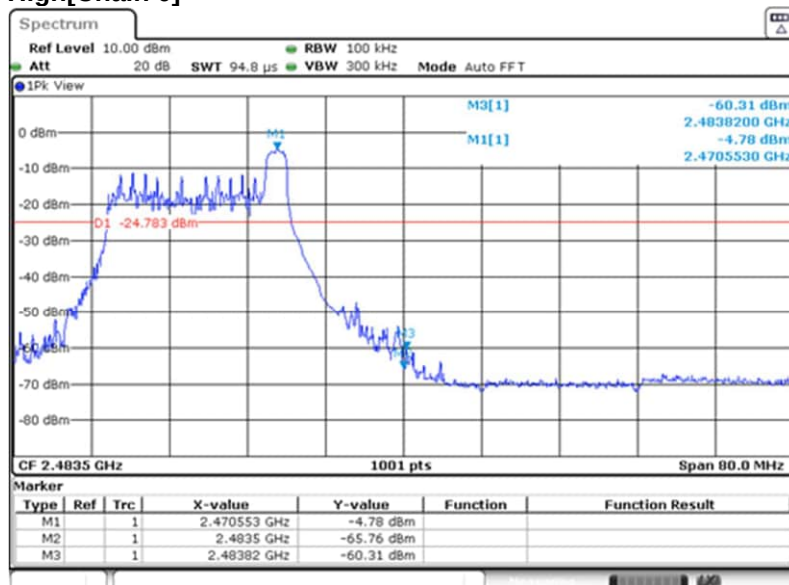
4.3.4 Trace data

[IEEE802.11ax (HE20)_26-Tones]

Channel Low[Chain 0]

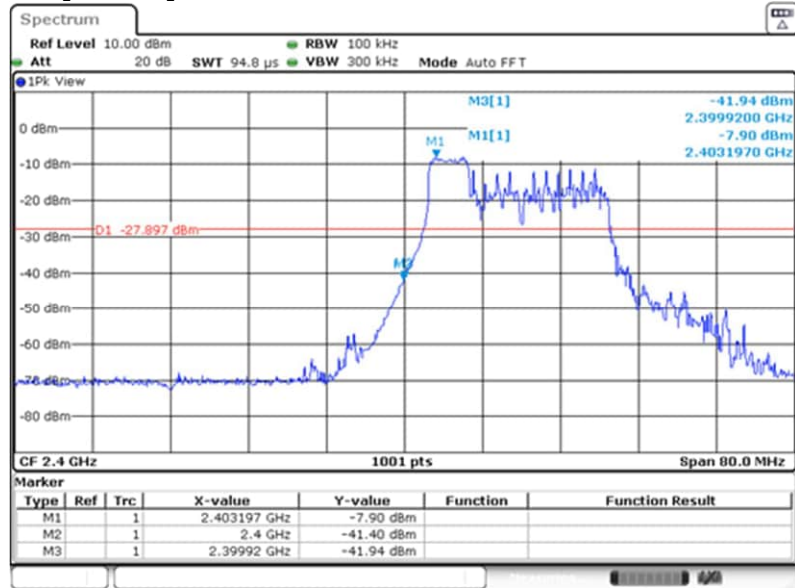


Channel High[Chain 0]

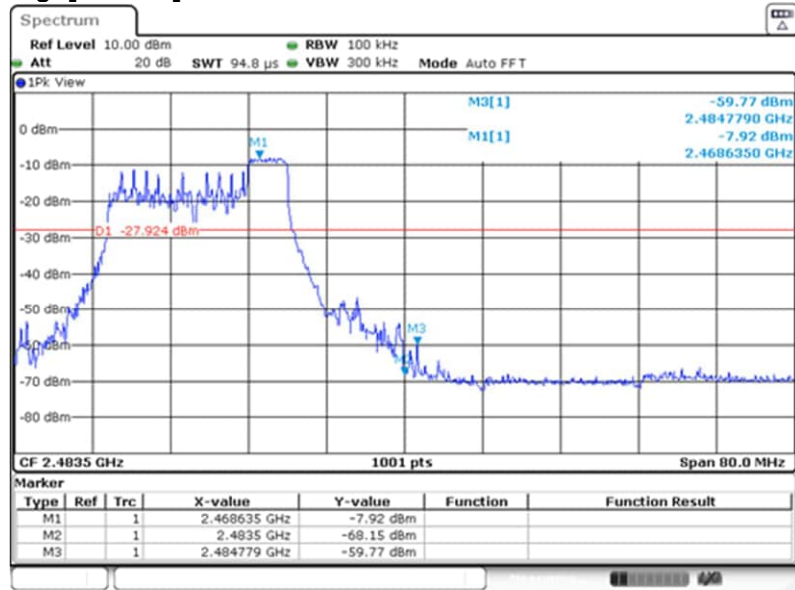


[IEEE802.11ax (HE20)_52-Tones]

Channel Low[Chain 0]

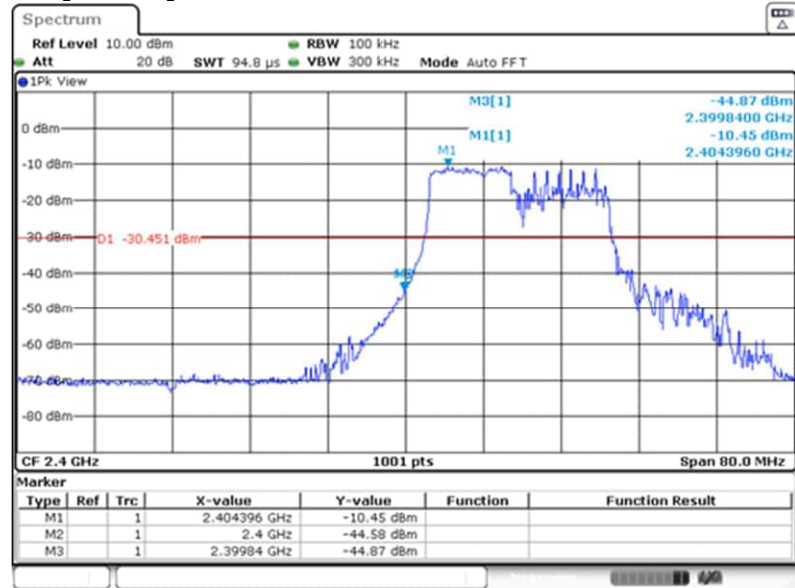


Channel High[Chain 0]

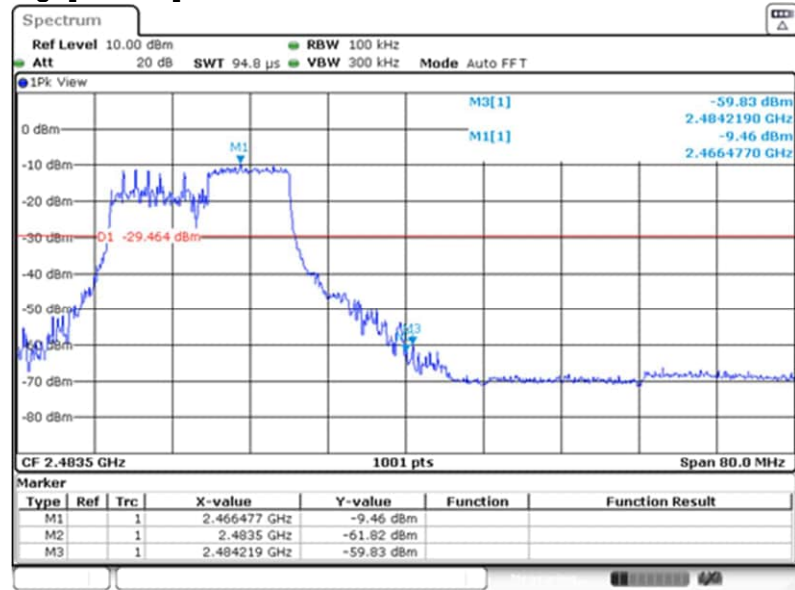


[IEEE802.11ax (HE20)_106-Tones]

Channel Low[Chain 0]

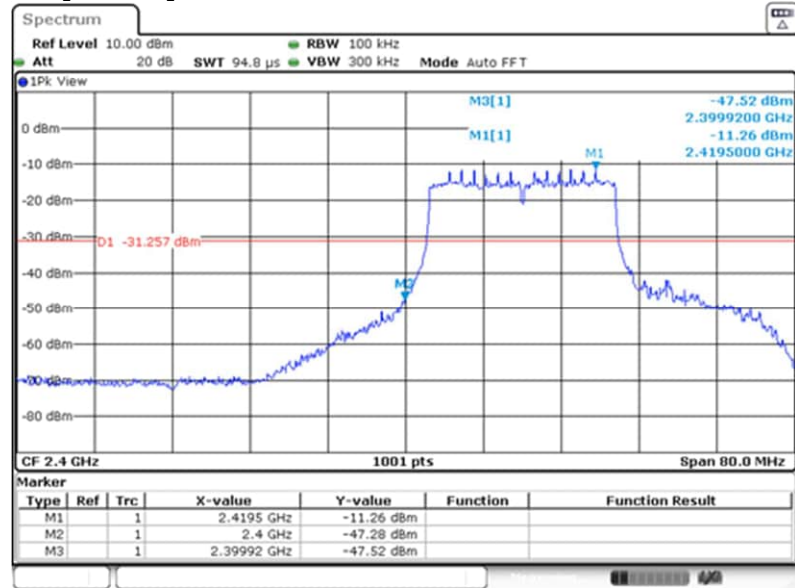


Channel High[Chain 0]

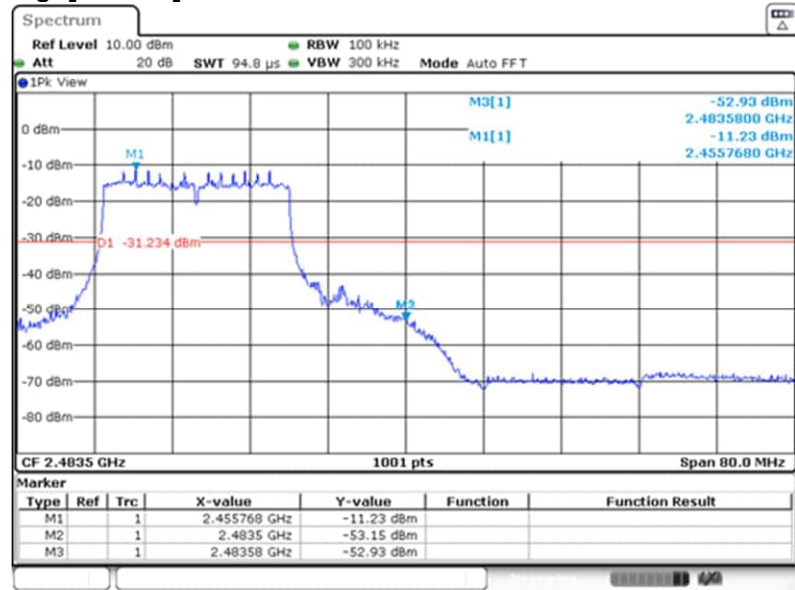


[IEEE802.11ax (HE20)_242-Tones]

Channel Low[Chain 0]

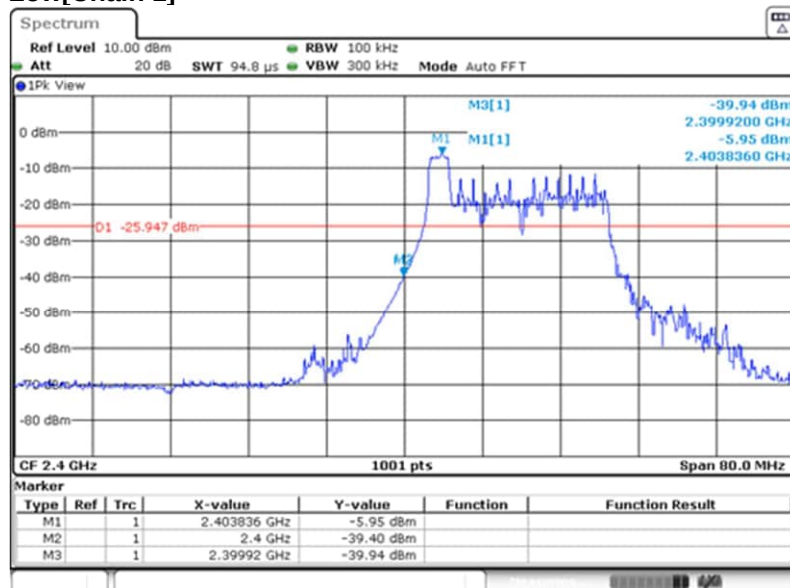


Channel High[Chain 0]

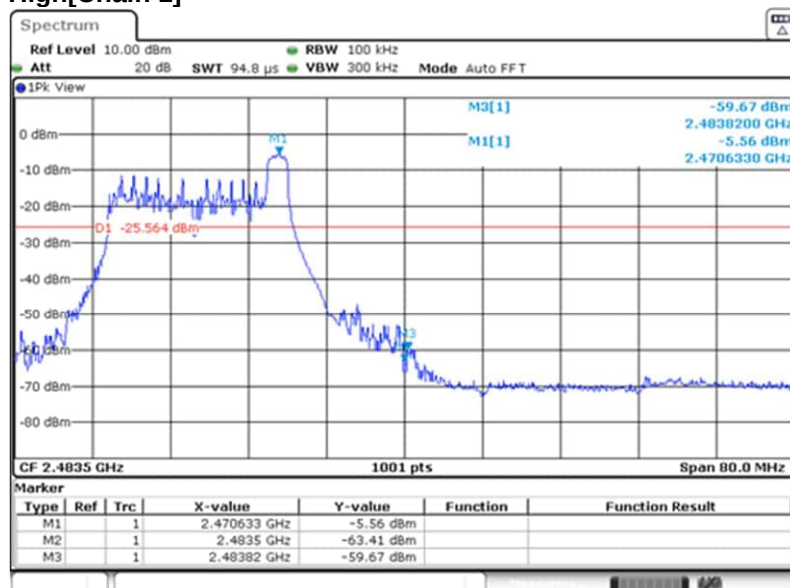


[IEEE802.11ax (HE20)_26-Tones]

Channel Low[Chain 1]

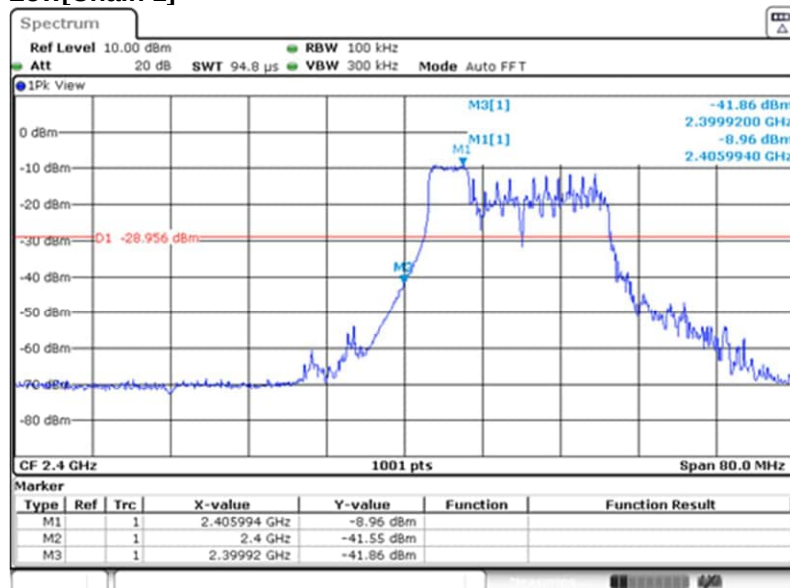


Channel High[Chain 1]

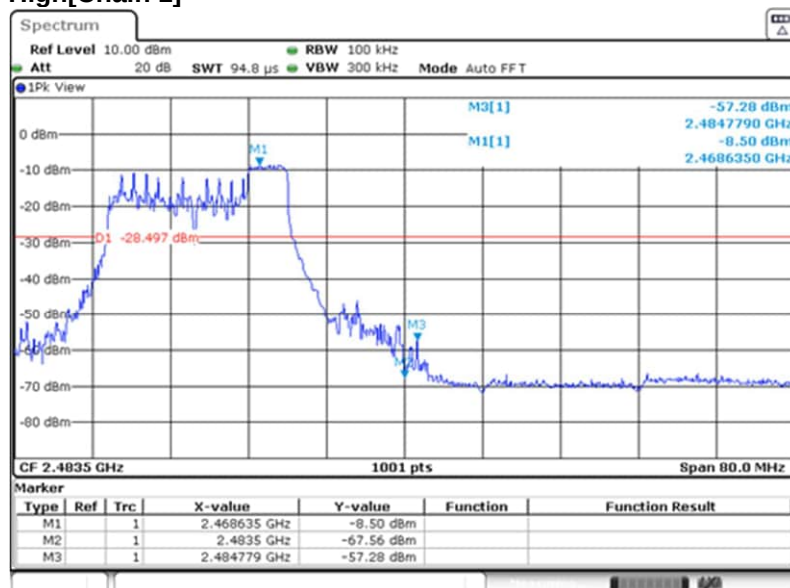


[IEEE802.11ax (HE20)_52-Tones]

Channel Low[Chain 1]

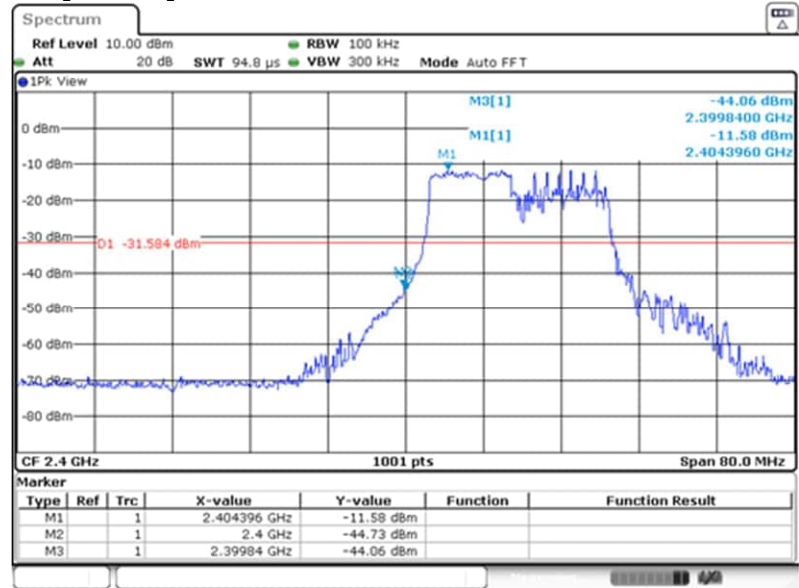


Channel High[Chain 1]

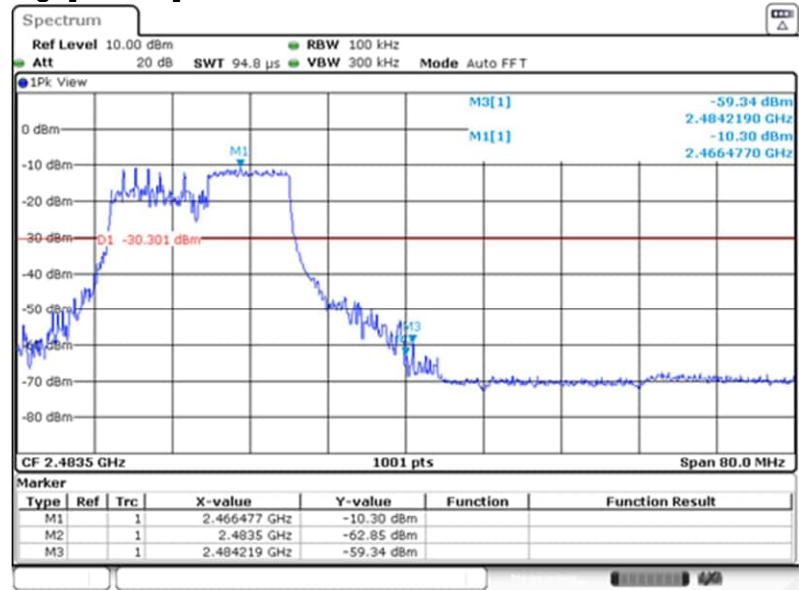


[IEEE802.11ax (HE20)_106-Tones]

Channel Low[Chain 1]

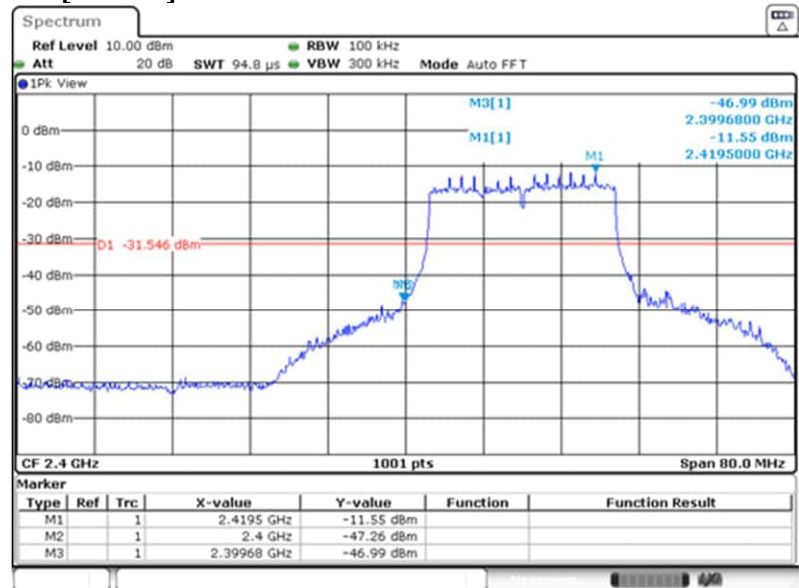


Channel High[Chain 1]

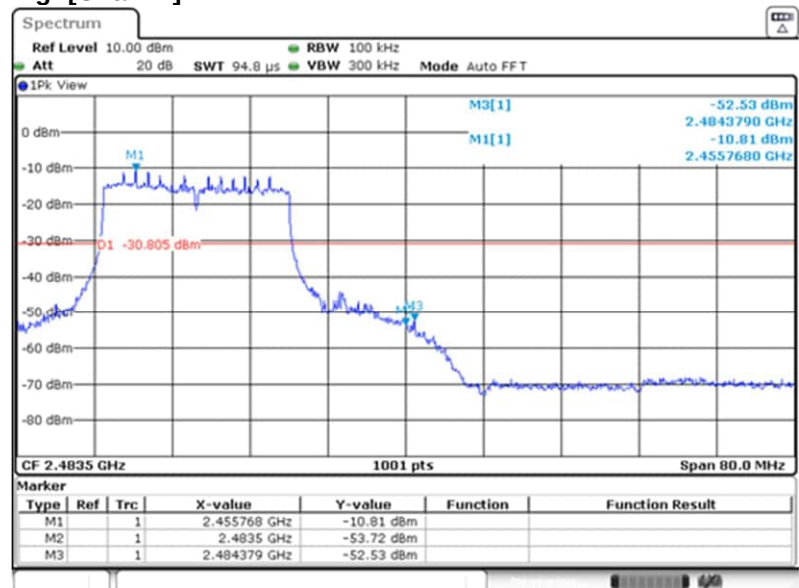


[IEEE802.11ax (HE20)_242-Tones]

Channel Low[Chain 1]



Channel High[Chain 1]



4.4 Spurious Emissions - Conducted -

4.4.1 Measurement procedure

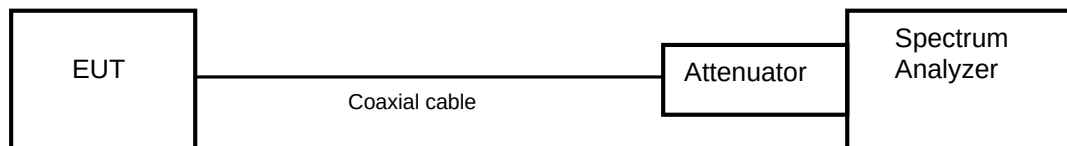
[FCC 15.247(d), KDB 558074 D01 v05r02, Section 8.5]

The spurious emissions (Conducted) are measured with a spectrum analyzer connected to the antenna terminal, while EUT is operating in transmission mode at the appropriate center frequency.

The spectrum analyzer is set to;

- a) Span = wide enough to fully capture the emission being measured.
- b) RBW = 100 kHz.
- c) VBW $\geq$ RBW.
- d) Sweep time = auto-couple.
- e) Detector = peak.
- f) Trace mode = max hold.

- Test configuration



4.4.2 Limit

In any 100 kHz bandwidth outside the frequency band the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power.

4.4.3 Measurement result

Date : 3-December-2025
 Temperature : 20.8 [°C]
 Humidity : 60.7 [%]
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

Date : 4-December-2025
 Temperature : 19.6 [°C]
 Humidity : 50.3 [%]
 Test place : Shielded room No.4

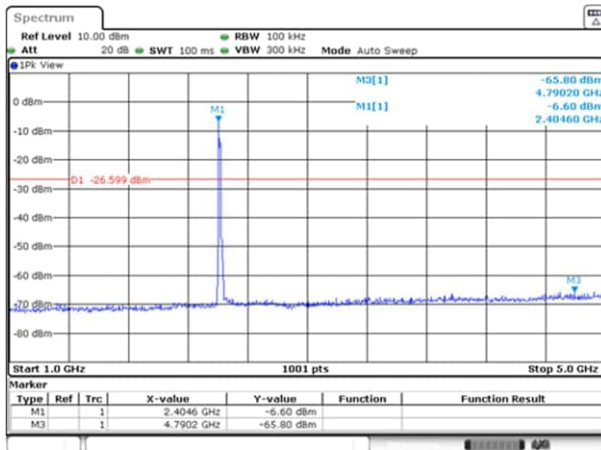
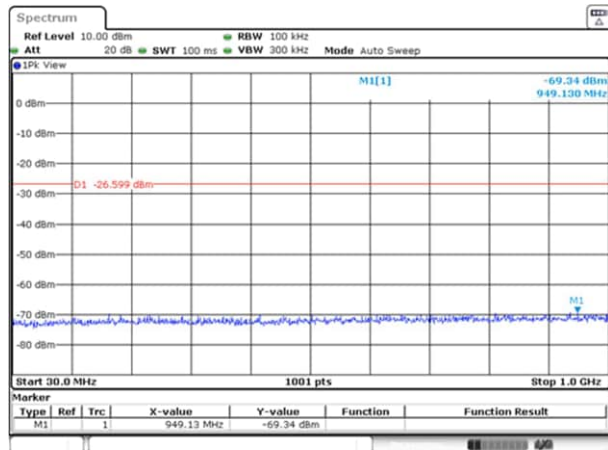
Test engineer : Kazunori Saito

[IEEE802.11b、IEEE802.11g、IEEE802.11ax (HE20)]

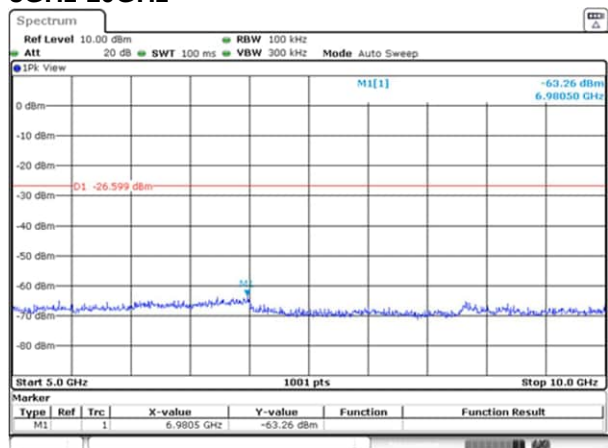
Channel	Frequency [MHz]	Limit [dB]	Results Chart	Result
Low	2412	At least 20dB below from peak of RF	See the trace Data	PASS
Middle	2437	At least 20dB below from peak of RF	See the trace Data	PASS
High	2462	At least 20dB below from peak of RF	See the trace Data	PASS

4.4.4 Trace data

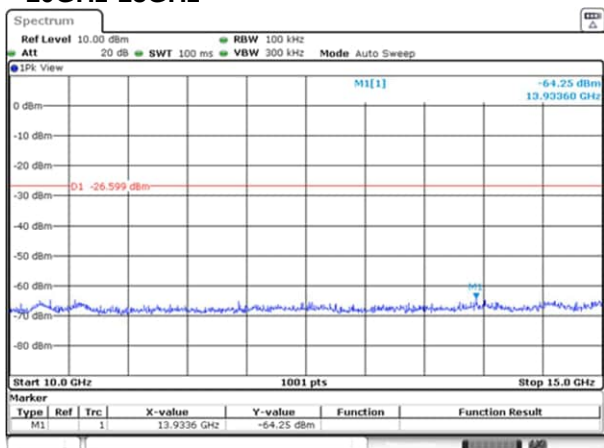
[IEEE802.11ax (HE20)_26-Tones]
Channel Low[Chain 0]
30MHz-1GHz



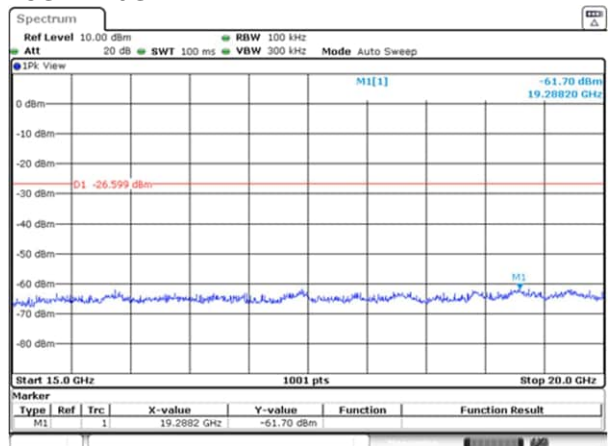
5GHz-10GHz



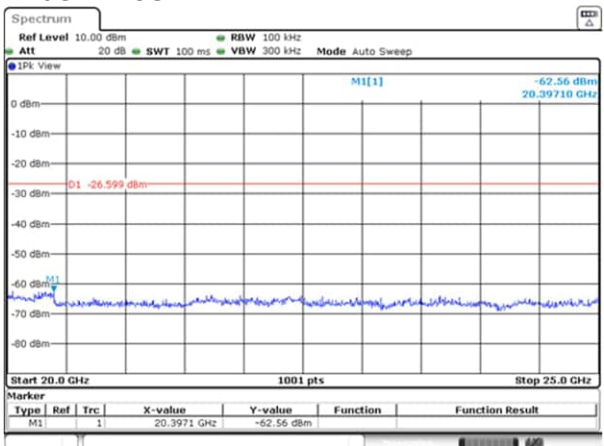
10GHz-15GHz



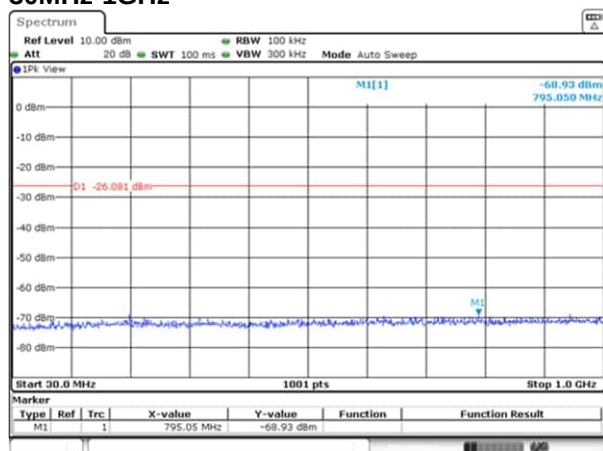
15GHz-20GHz



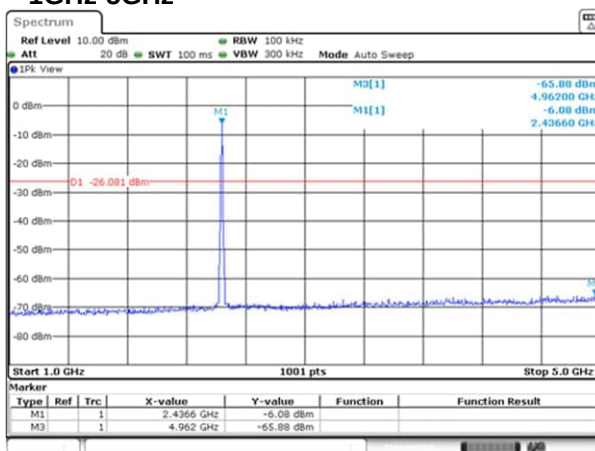
20GHz-25GHz



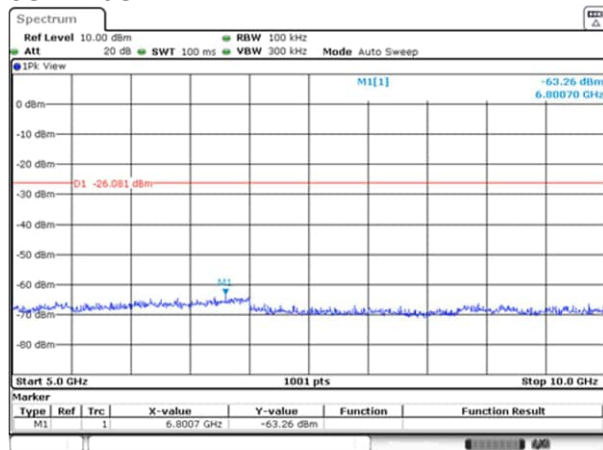
Channel Middle[Chain 0] 30MHz-1GHz



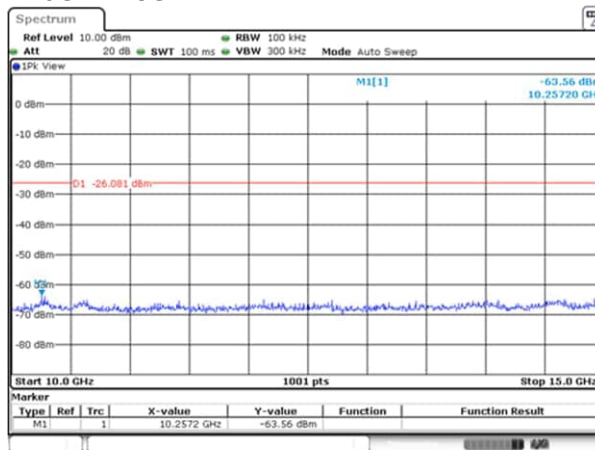
1GHz-5GHz



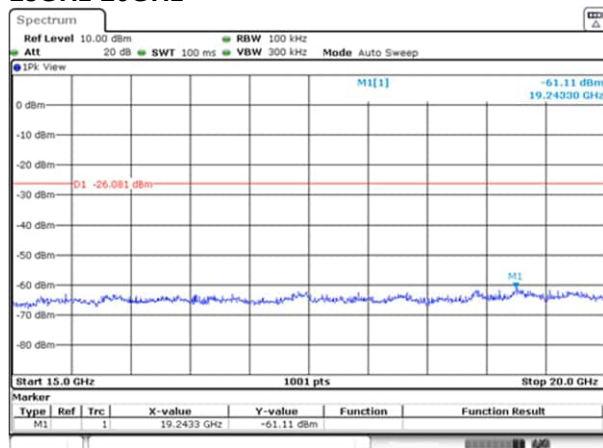
5GHz-10GHz



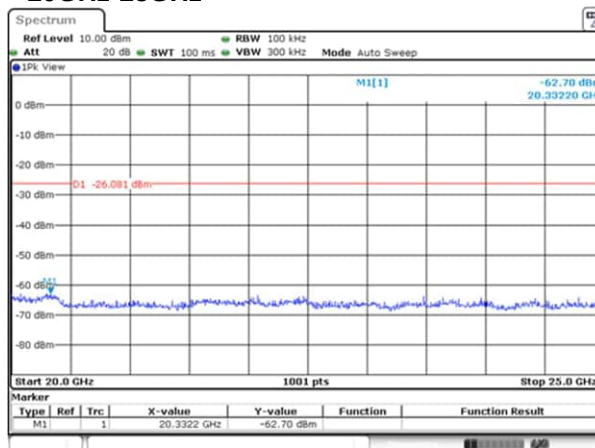
10GHz-15GHz



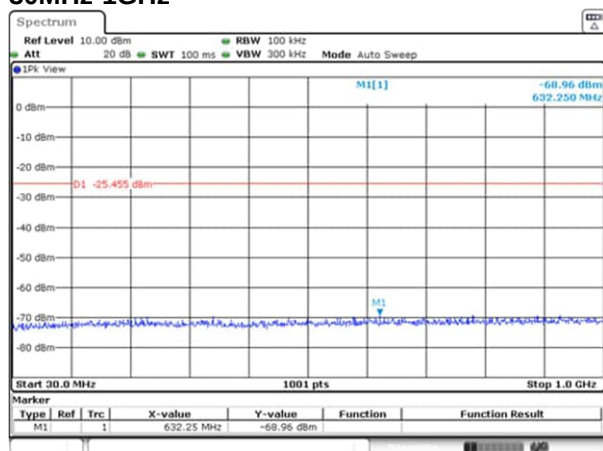
15GHz-20GHz



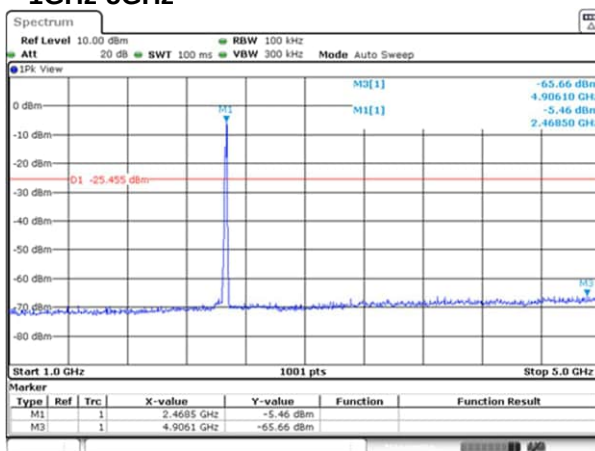
20GHz-25GHz



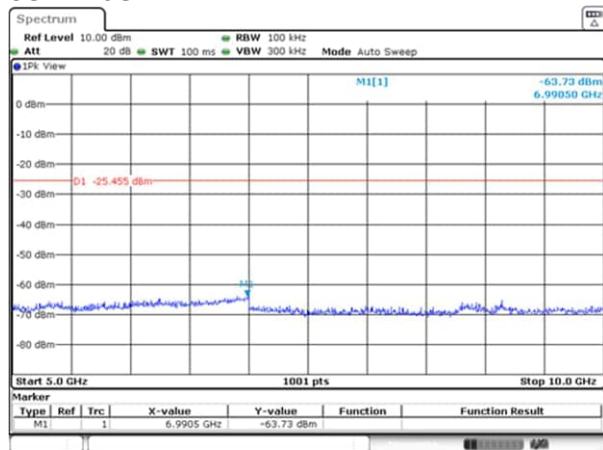
Channel High[Chain 0] 30MHz-1GHz



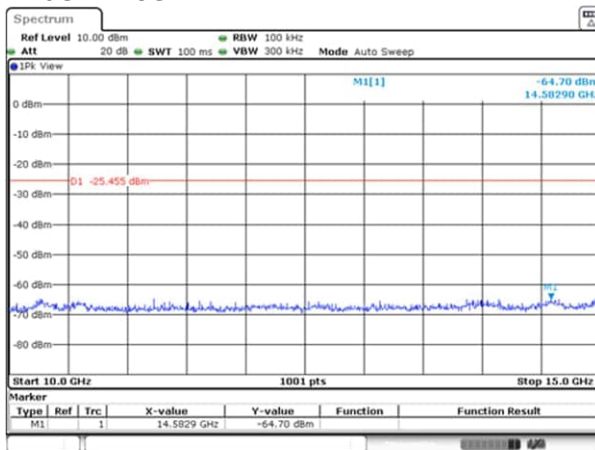
1GHz-5GHz



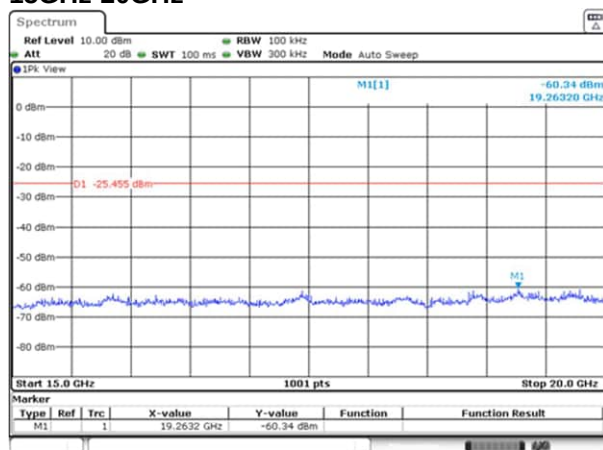
5GHz-10GHz



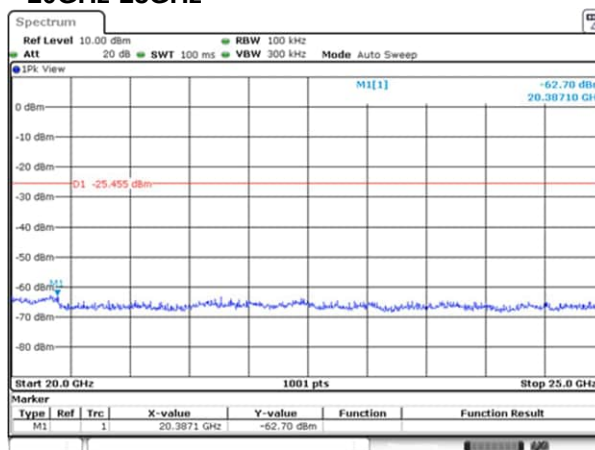
10GHz-15GHz



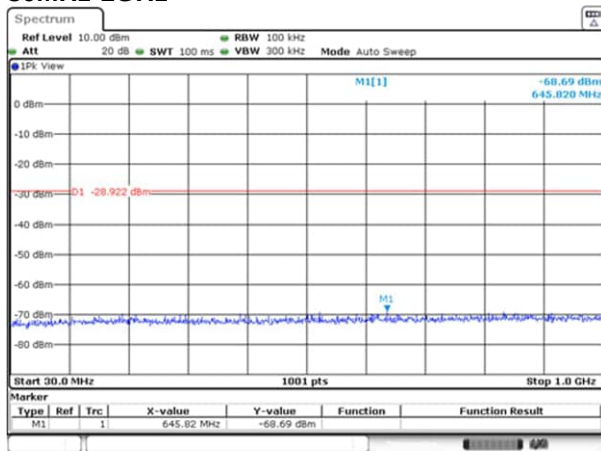
15GHz-20GHz



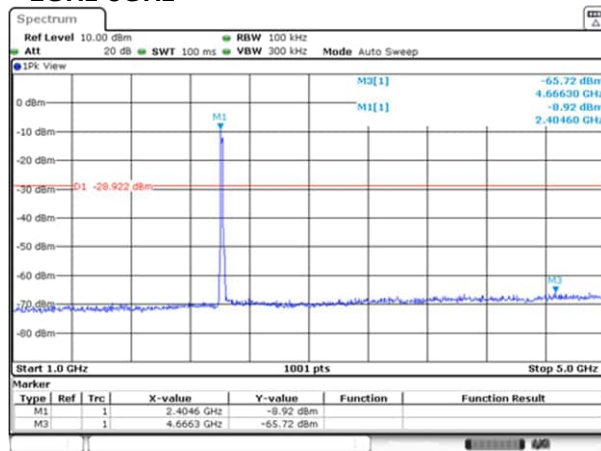
20GHz-25GHz



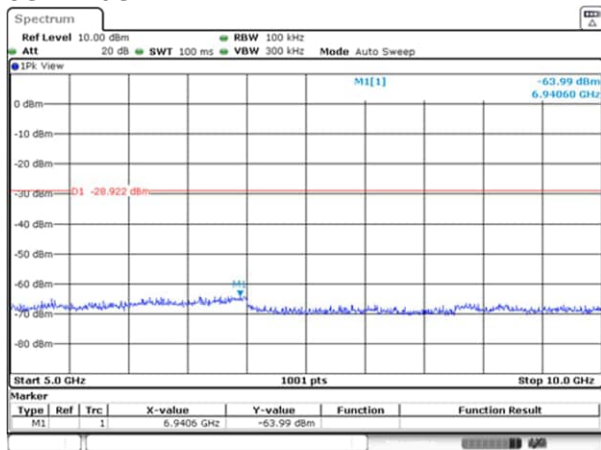
**[IEEE802.11ax (HE20)_52-Tones]
Channel Low[Chain 0]
30MHz-1GHz**



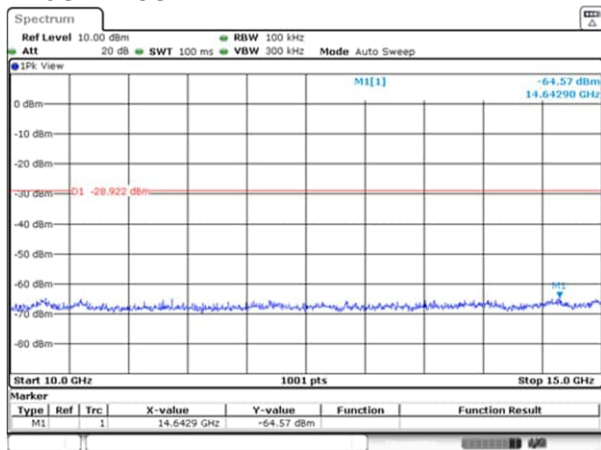
1GHz-5GHz



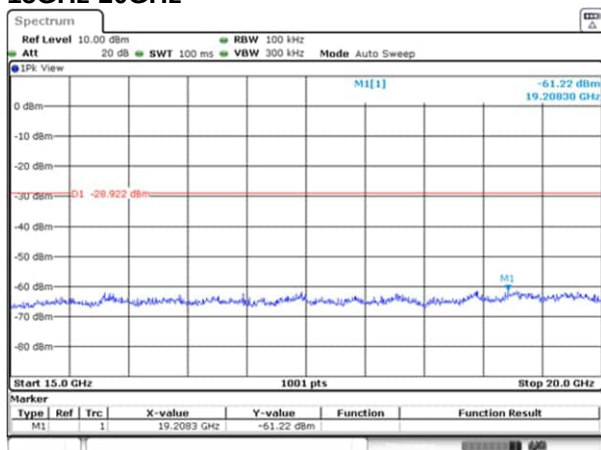
5GHz-10GHz



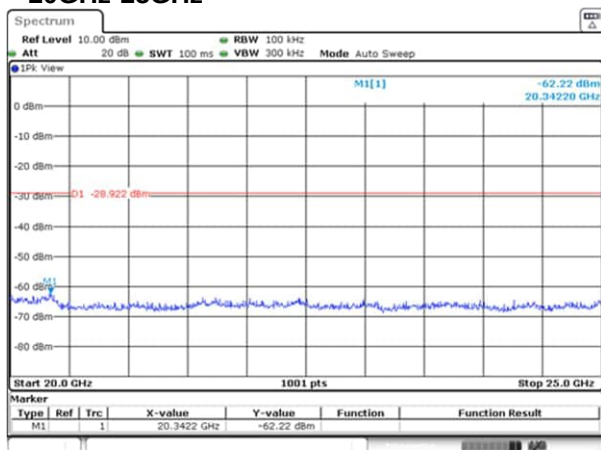
10GHz-15GHz



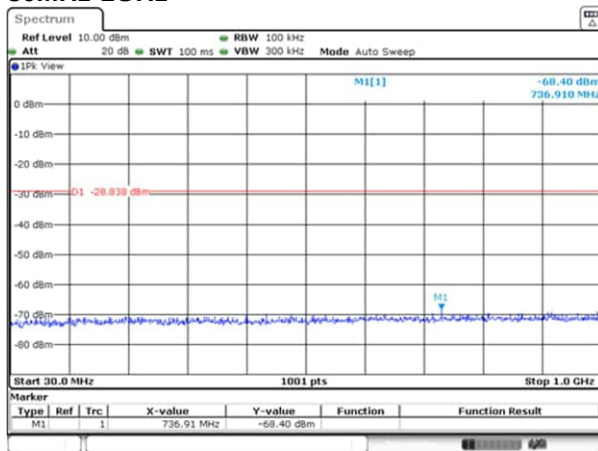
15GHz-20GHz



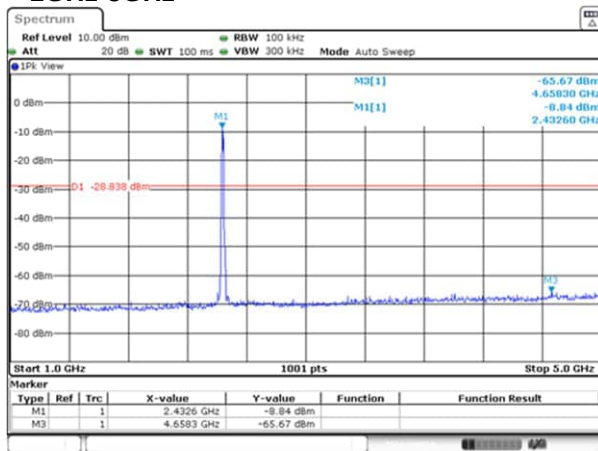
20GHz-25GHz



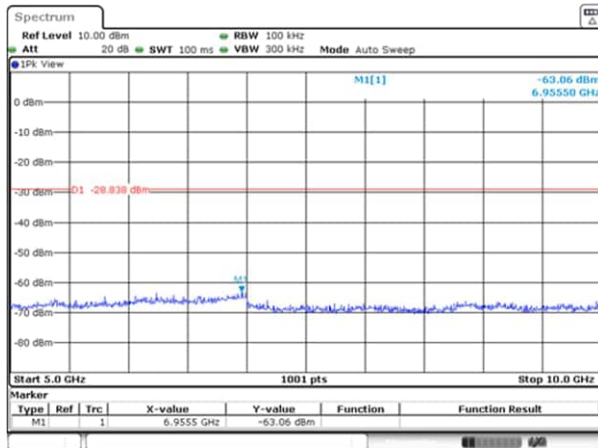
Channel Middle[Chain 0] 30MHz-1GHz



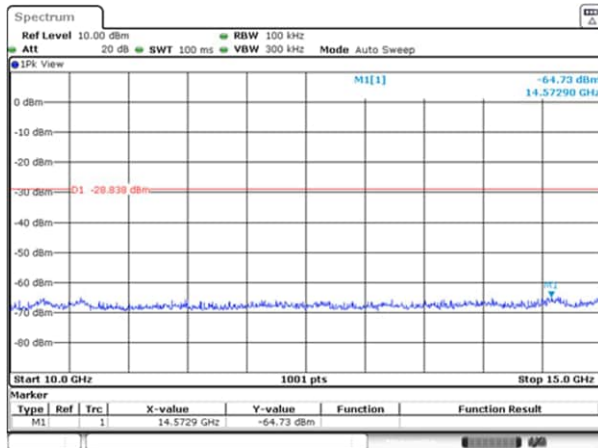
1GHz-5GHz



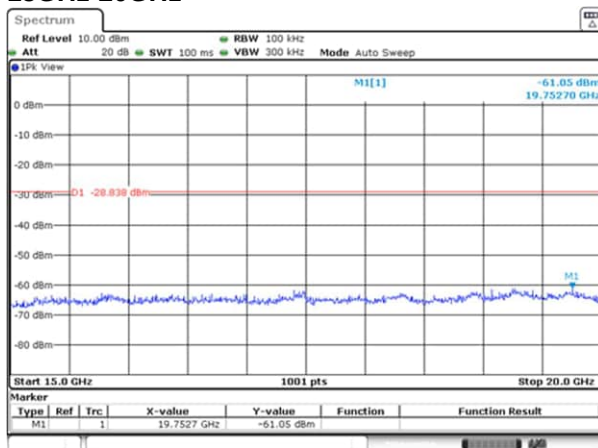
5GHz-10GHz



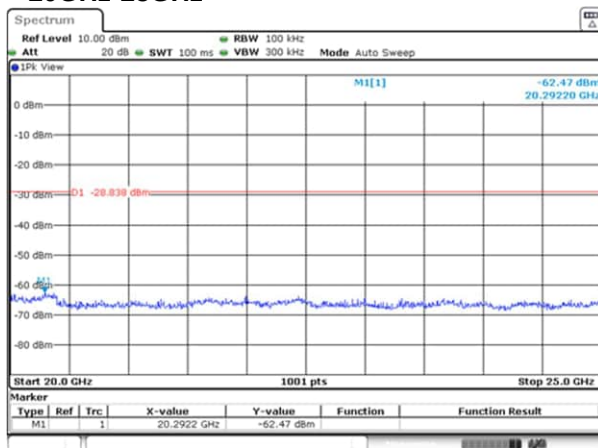
10GHz-15GHz



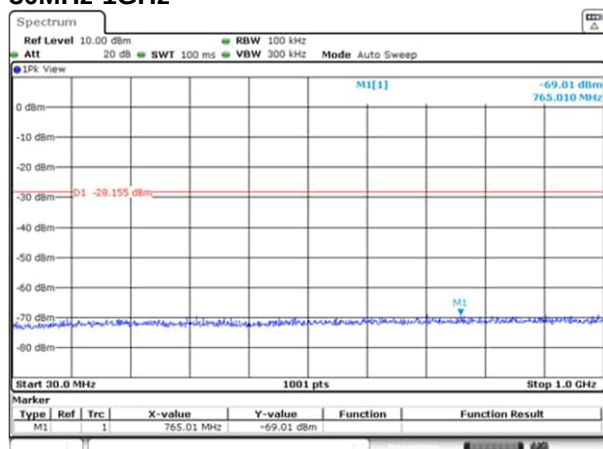
15GHz-20GHz



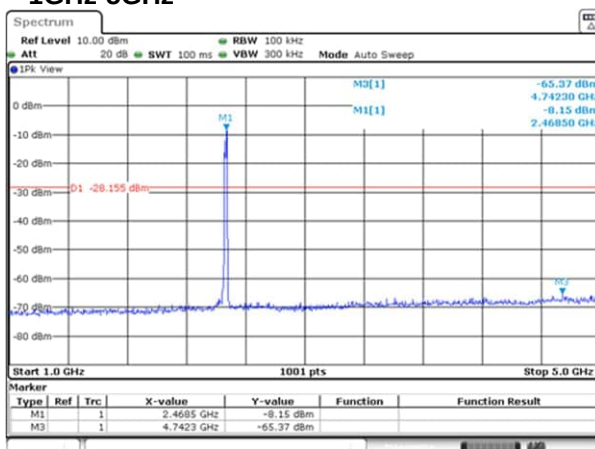
20GHz-25GHz



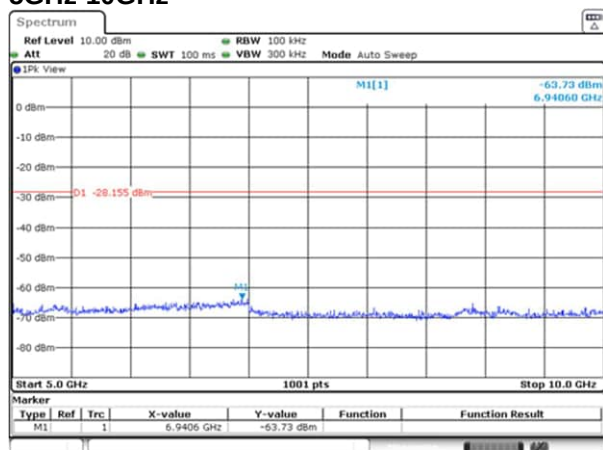
Channel High[Chain 0] 30MHz-1GHz



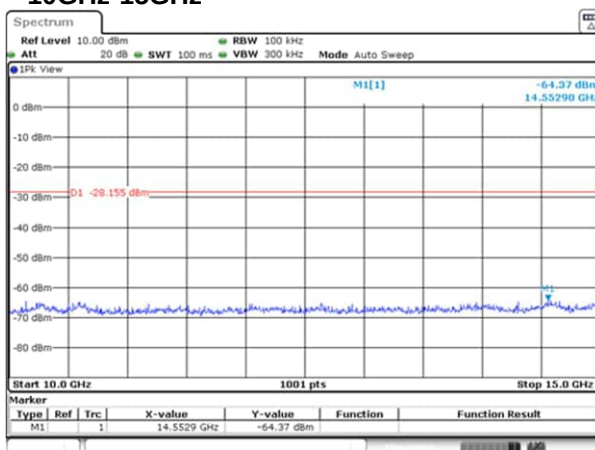
1GHz-5GHz



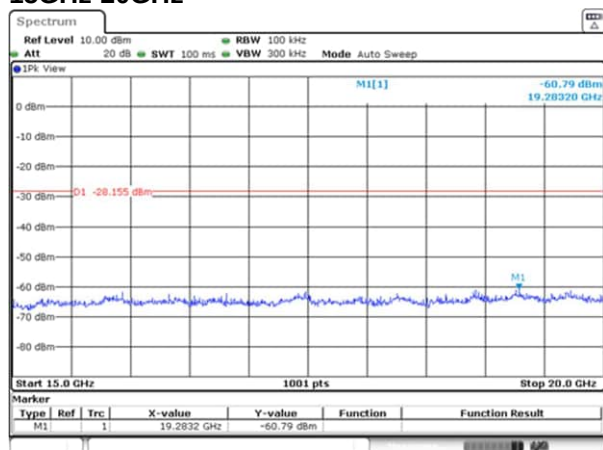
5GHz-10GHz



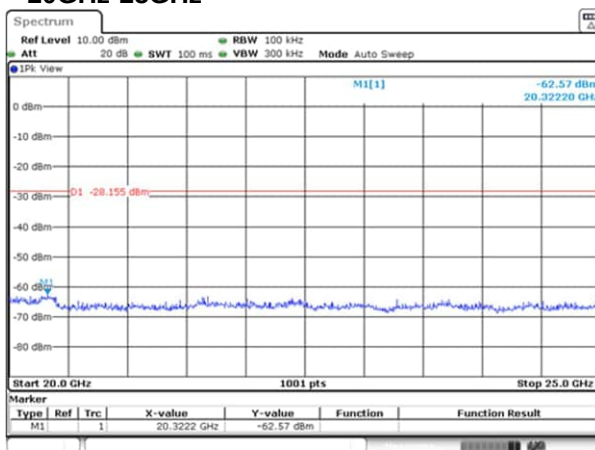
10GHz-15GHz



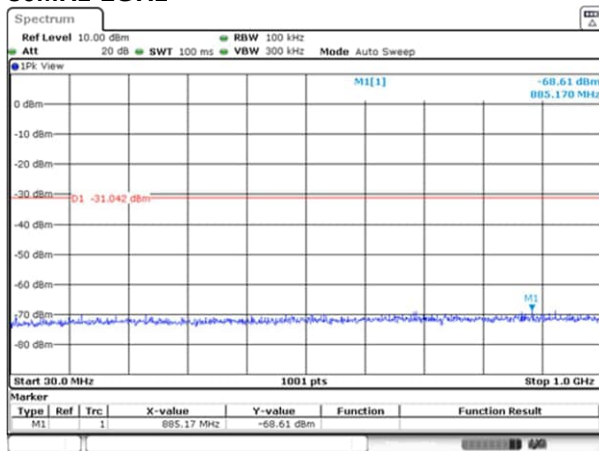
15GHz-20GHz



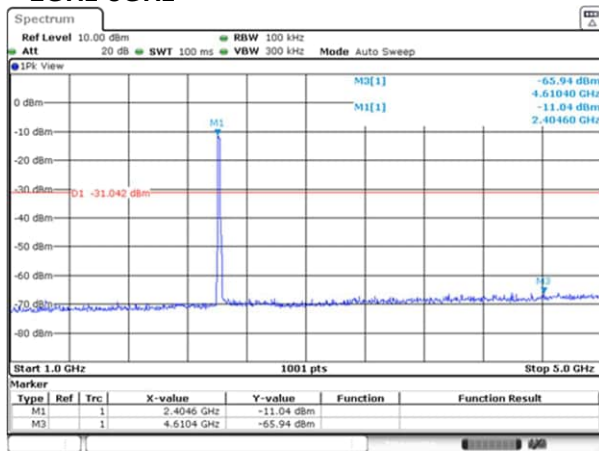
20GHz-25GHz



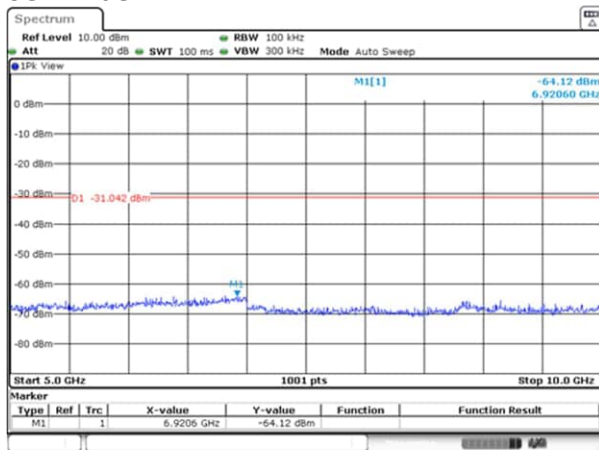
**[IEEE802.11ax (HE20) 106-Tones]
Channel Low[Chain 0]
30MHz-1GHz**



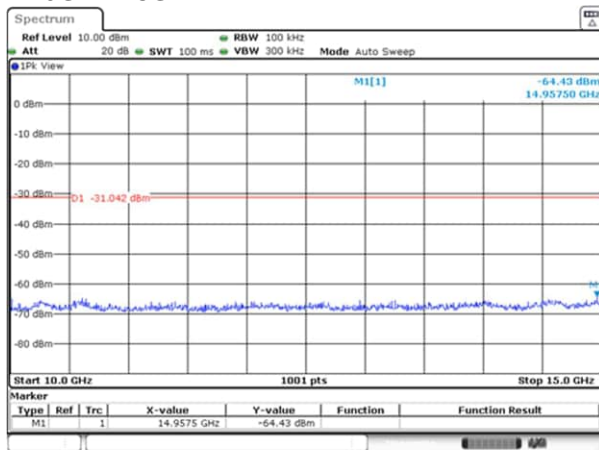
1GHz-5GHz



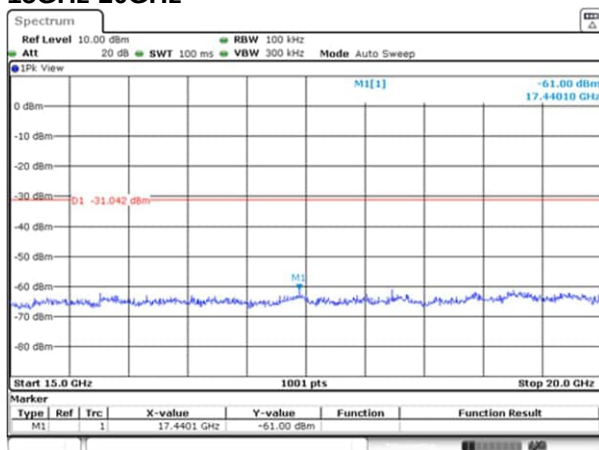
5GHz-10GHz



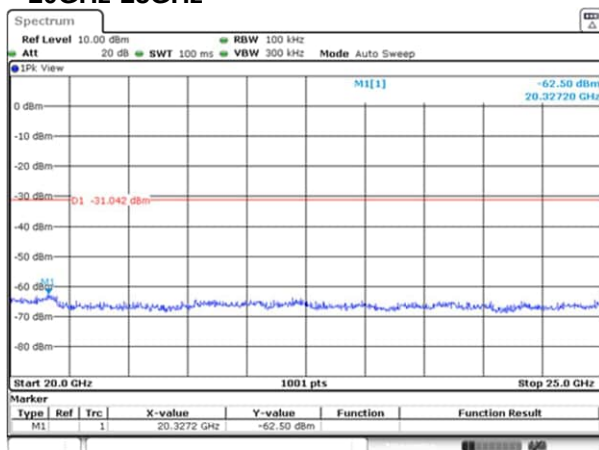
10GHz-15GHz



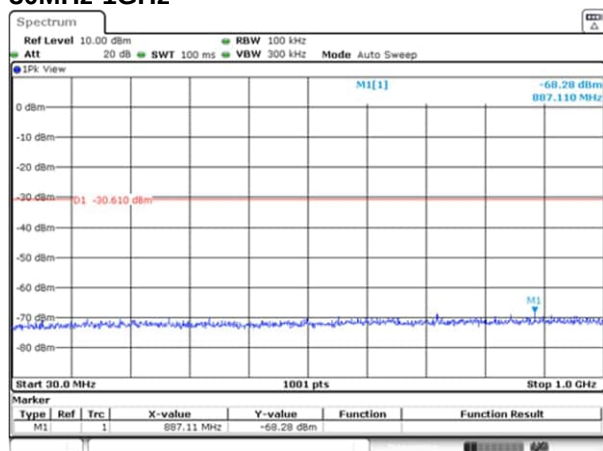
15GHz-20GHz



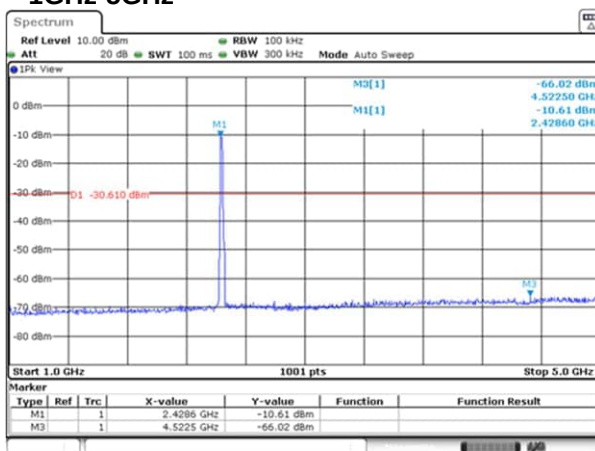
20GHz-25GHz



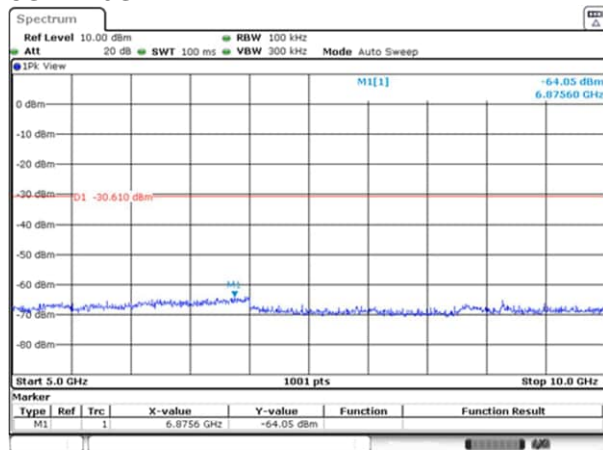
Channel Middle[Chain 0] 30MHz-1GHz



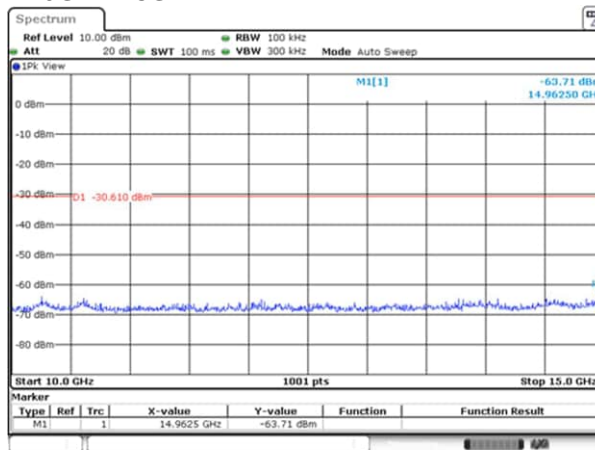
1GHz-5GHz



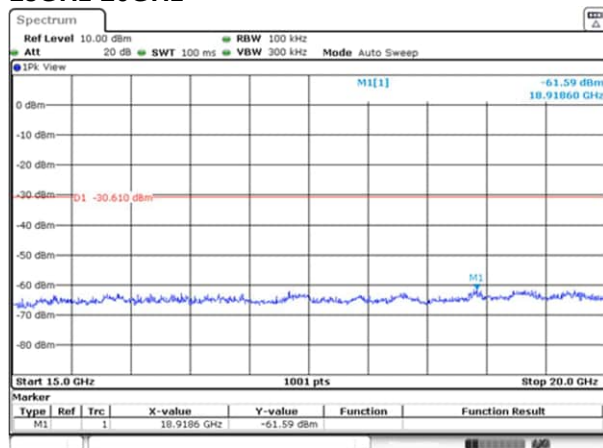
5GHz-10GHz



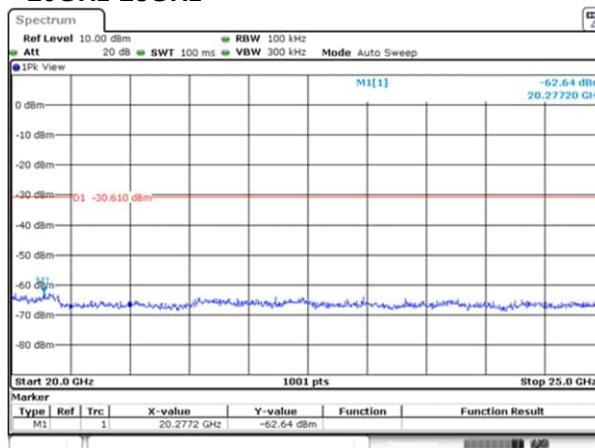
10GHz-15GHz



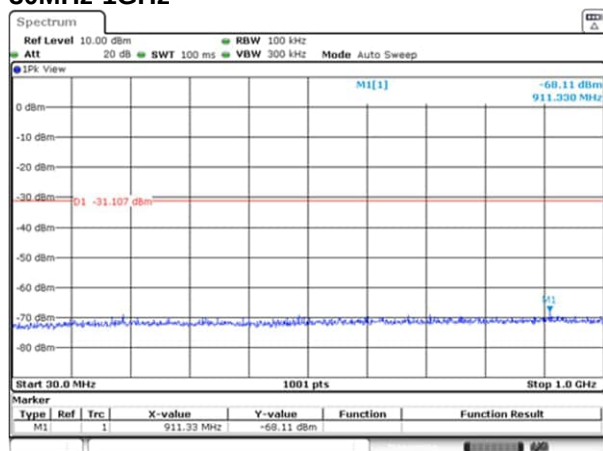
15GHz-20GHz



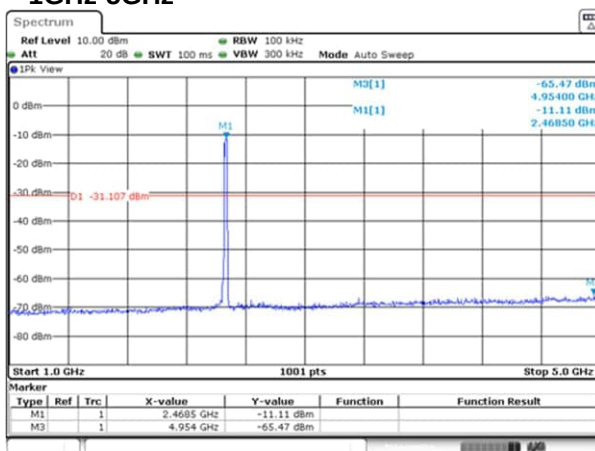
20GHz-25GHz



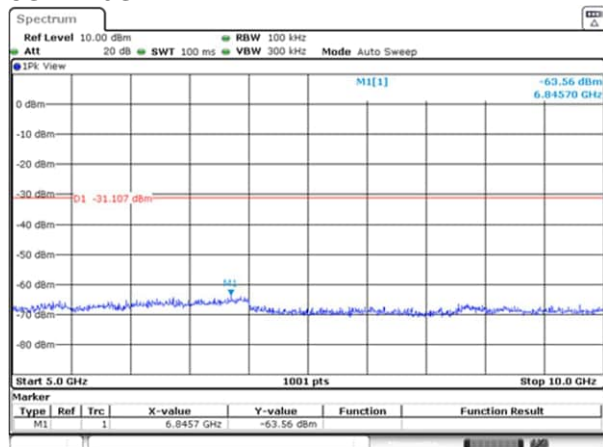
Channel High[Chain 0] 30MHz-1GHz



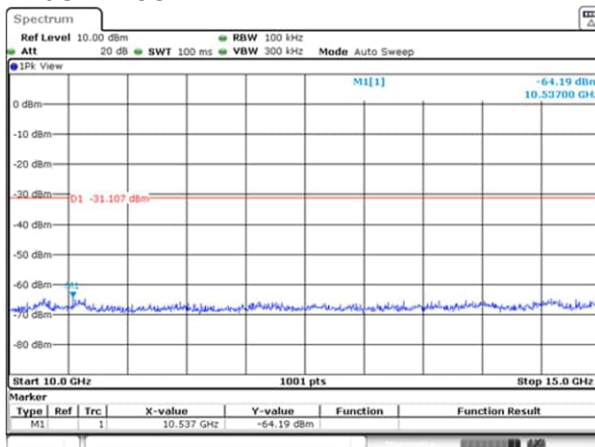
1GHz-5GHz



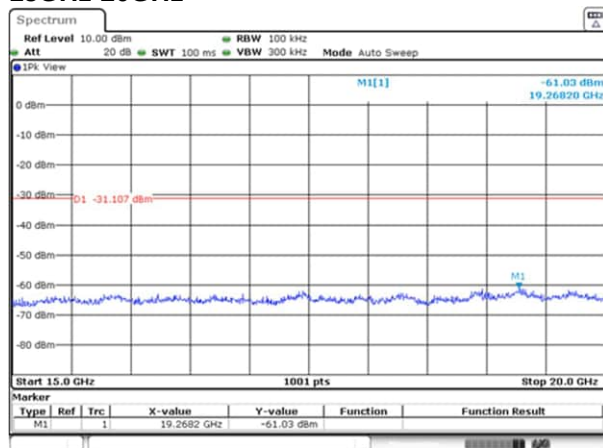
5GHz-10GHz



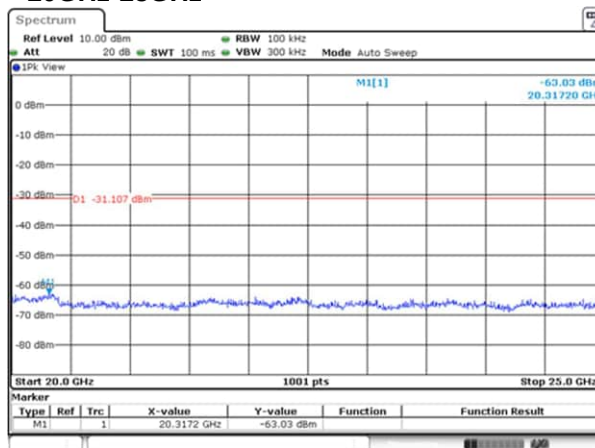
10GHz-15GHz



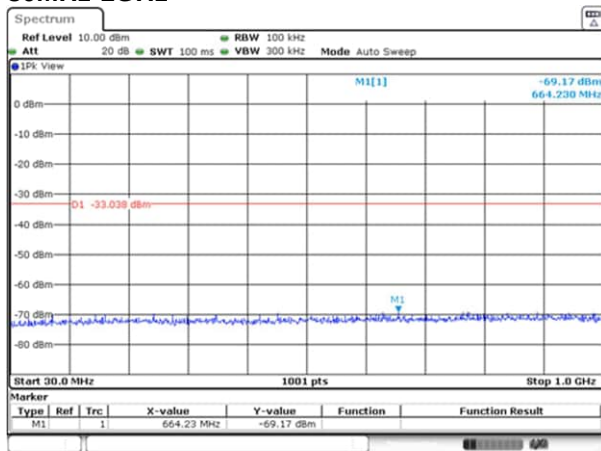
15GHz-20GHz



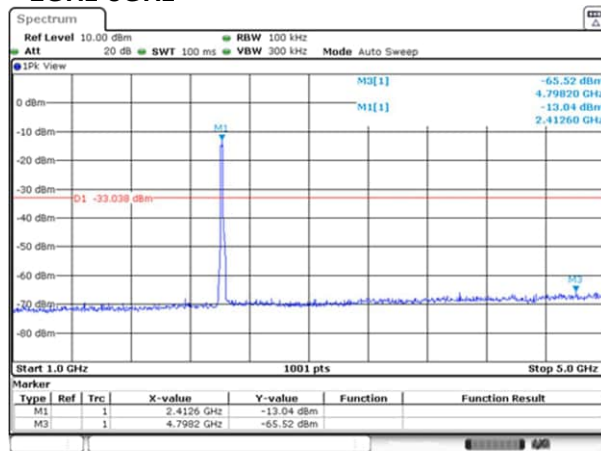
20GHz-25GHz



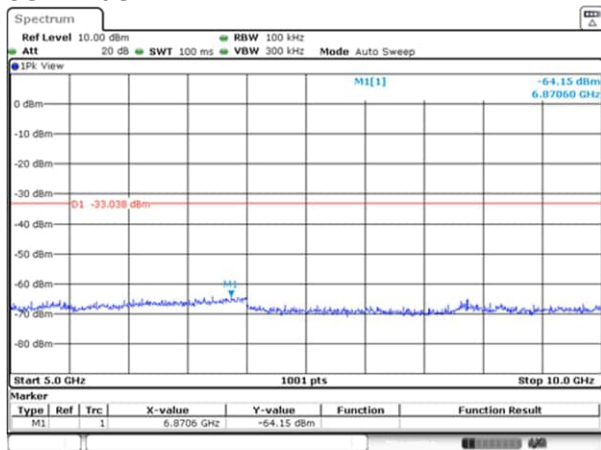
**[IEEE802.11ax (HE20)_242-Tones]
Channel Low[Chain 0]
30MHz-1GHz**



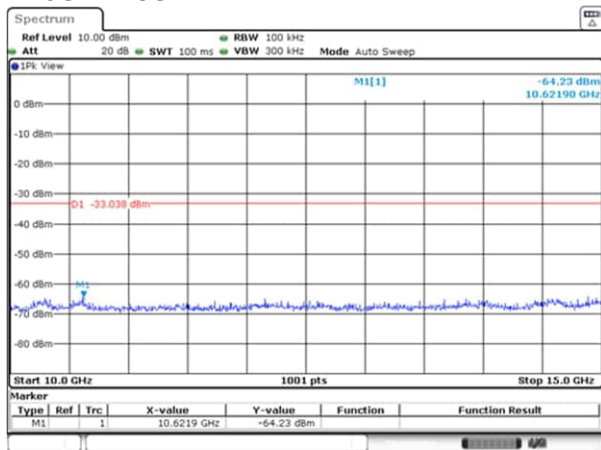
1GHz-5GHz



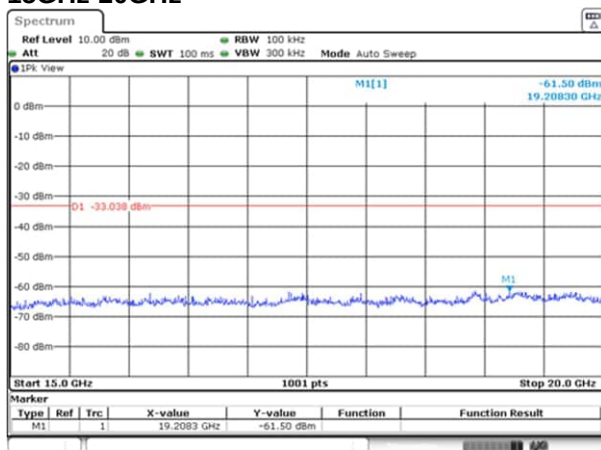
5GHz-10GHz



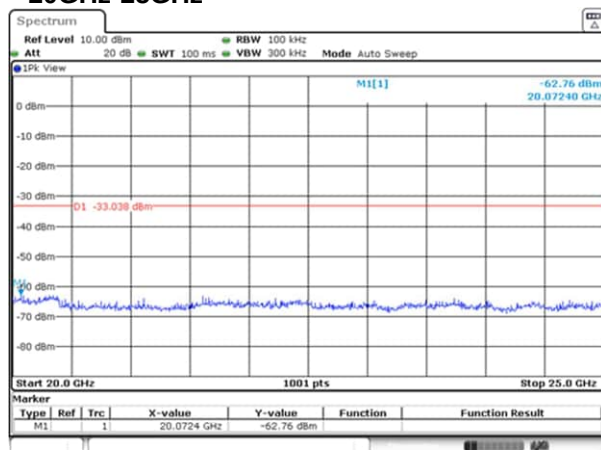
10GHz-15GHz



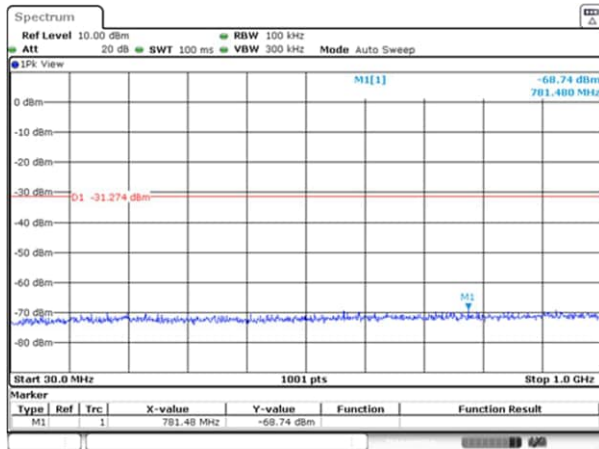
15GHz-20GHz



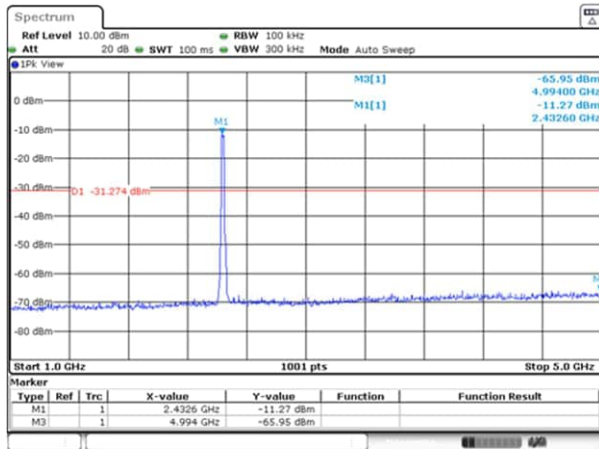
20GHz-25GHz



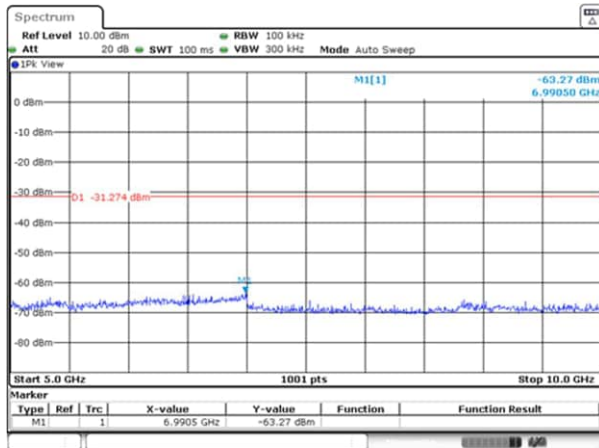
Channel Middle[Chain 0] 30MHz-1GHz



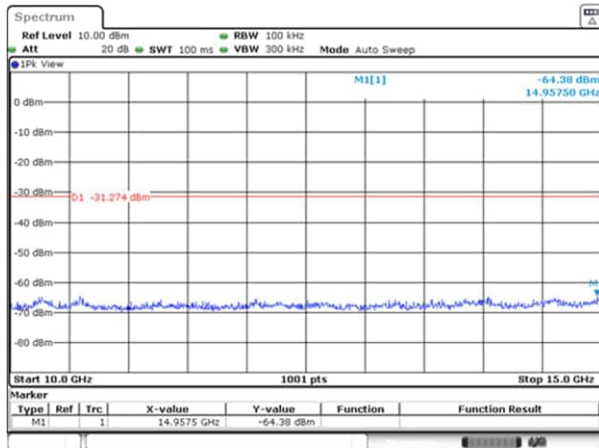
1GHz-5GHz



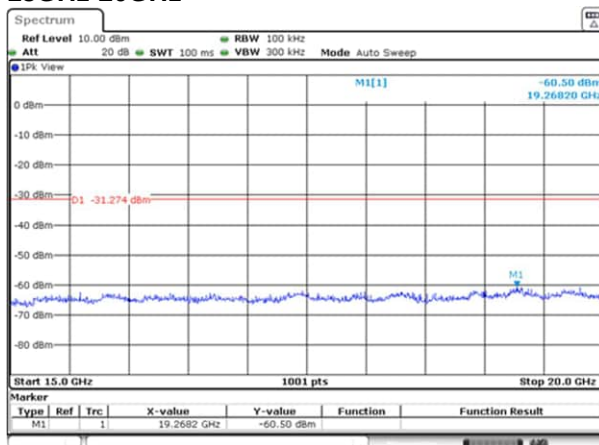
5GHz-10GHz



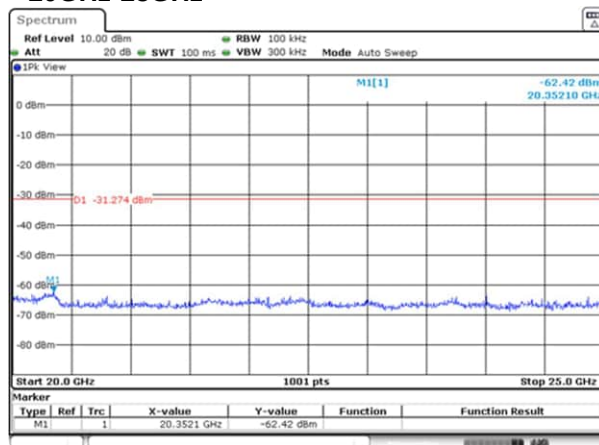
10GHz-15GHz



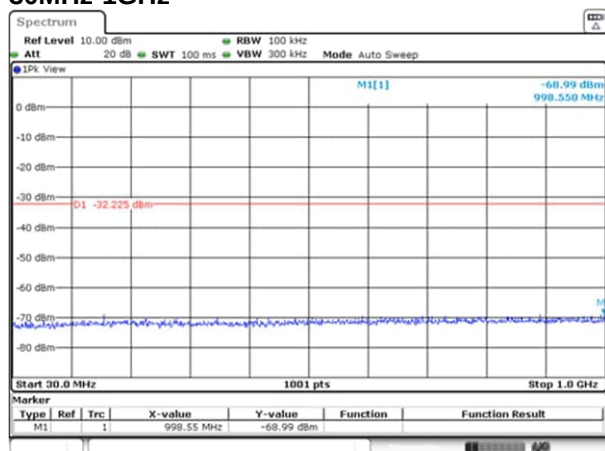
15GHz-20GHz



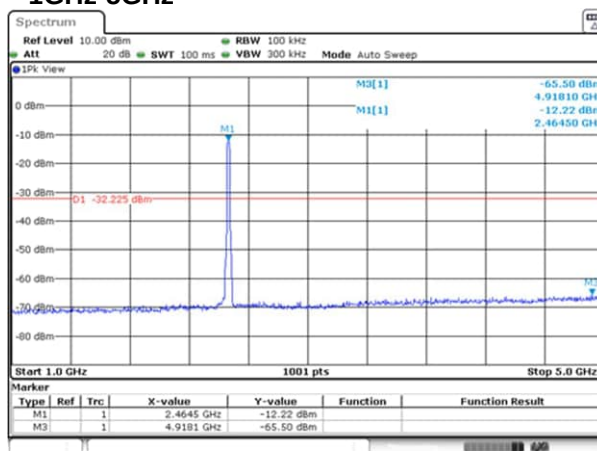
20GHz-25GHz



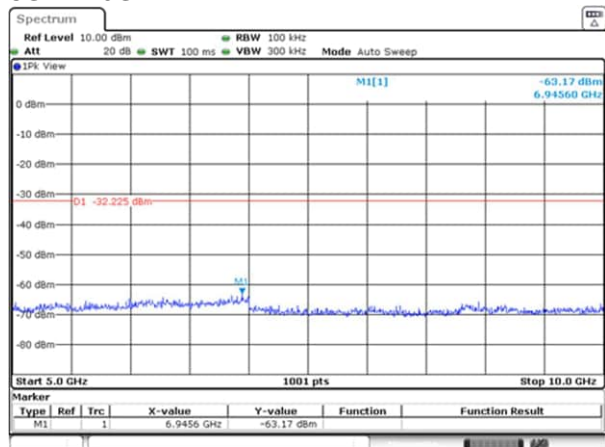
Channel High[Chain 0] 30MHz-1GHz



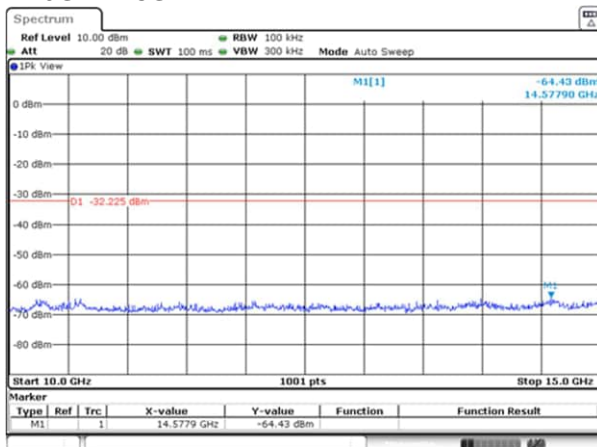
1GHz-5GHz



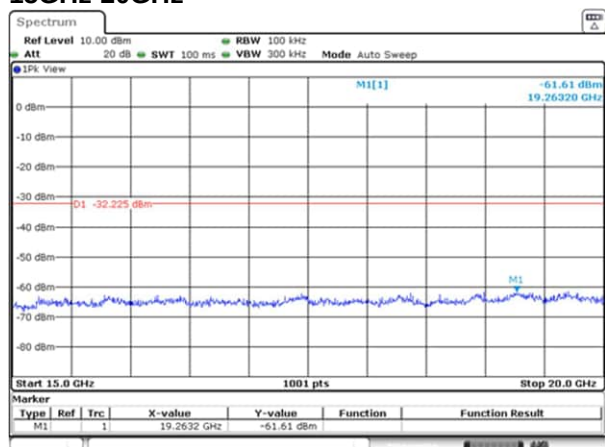
5GHz-10GHz



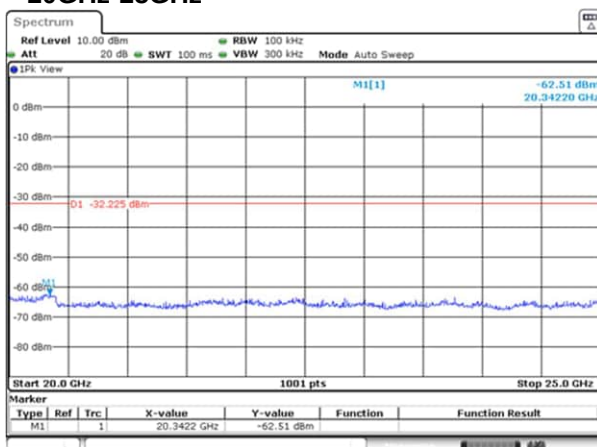
10GHz-15GHz



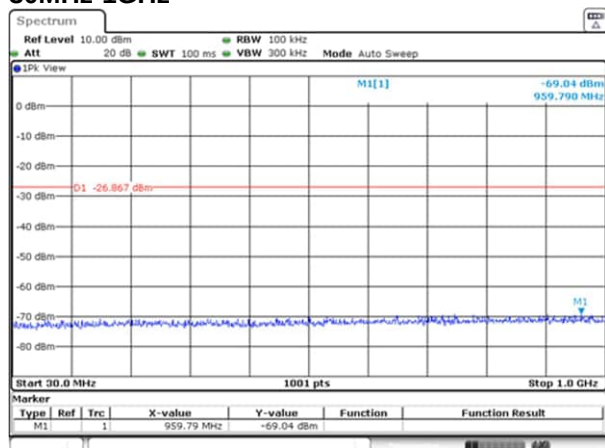
15GHz-20GHz



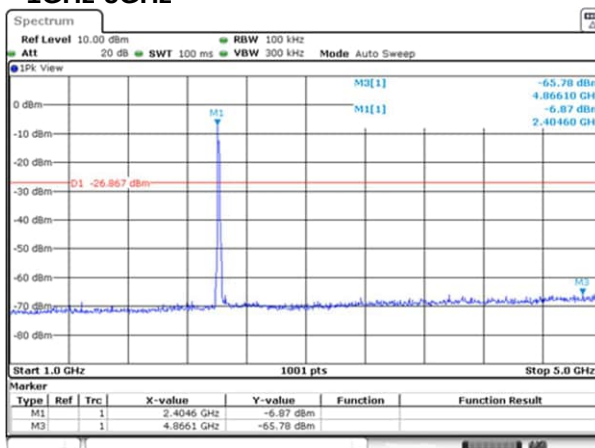
20GHz-25GHz



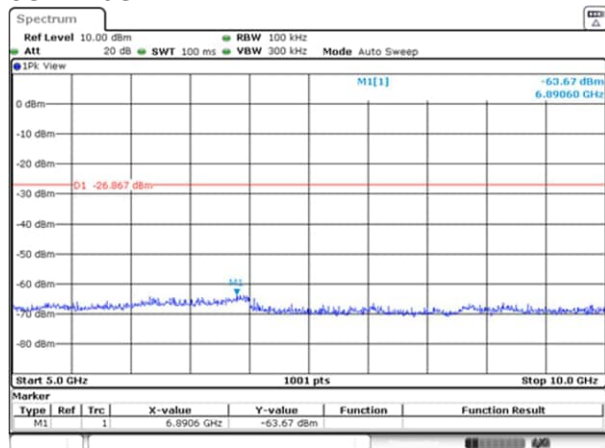
[IEEE802.11ax (HE20)_26-Tones] Channel Low[Chain 1] 30MHz-1GHz



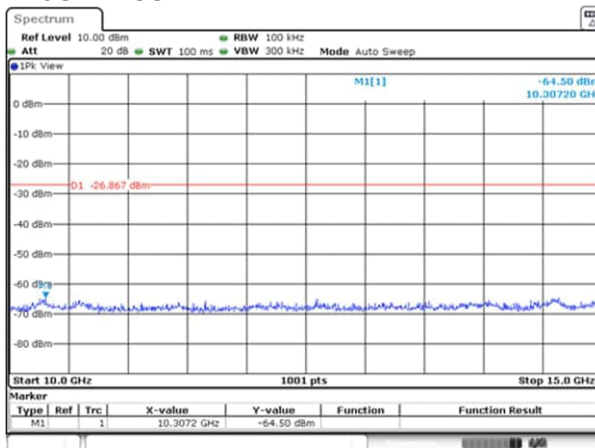
1GHz-5GHz



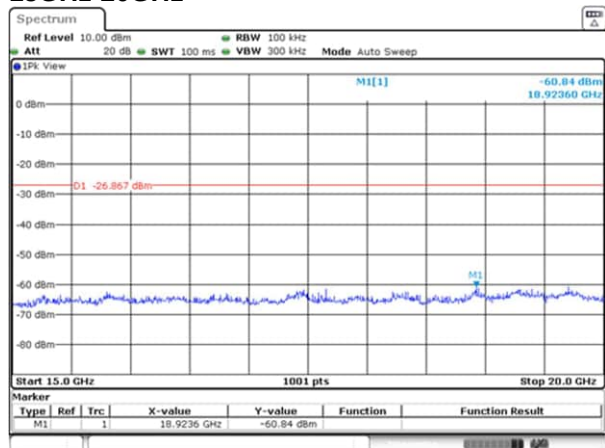
5GHz-10GHz



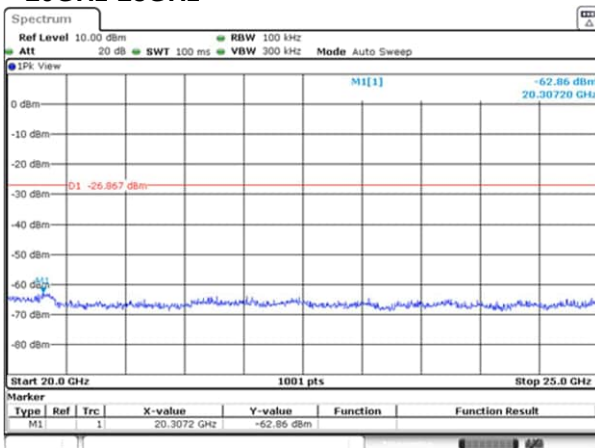
10GHz-15GHz



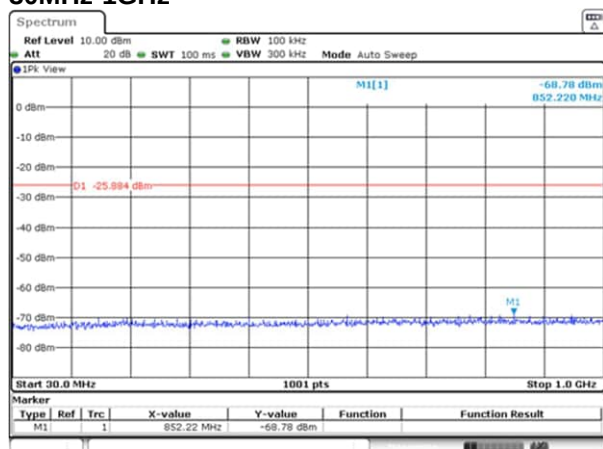
15GHz-20GHz



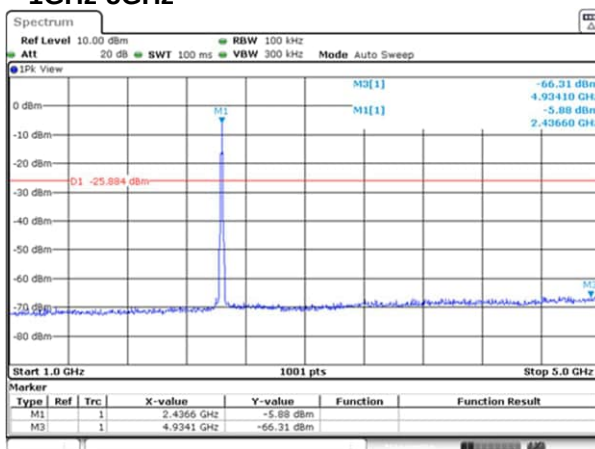
20GHz-25GHz



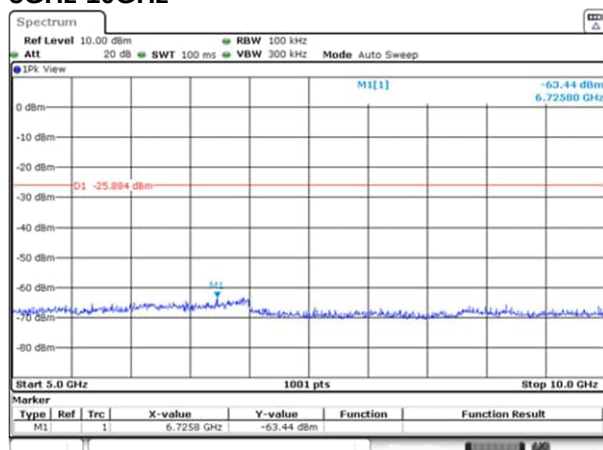
Channel Middle[Chain 1] 30MHz-1GHz



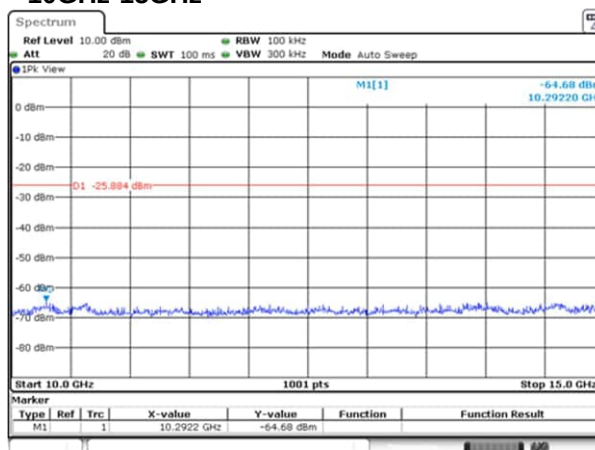
1GHz-5GHz



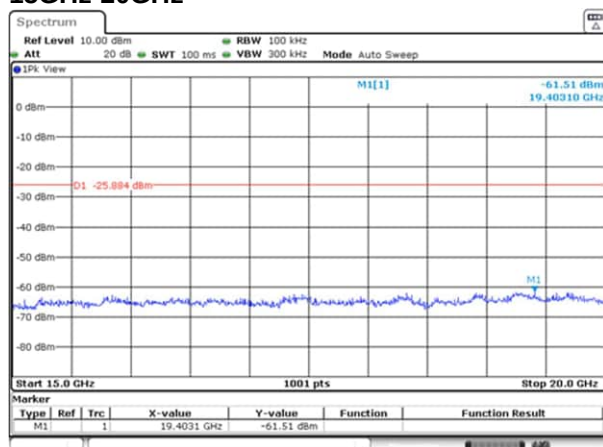
5GHz-10GHz



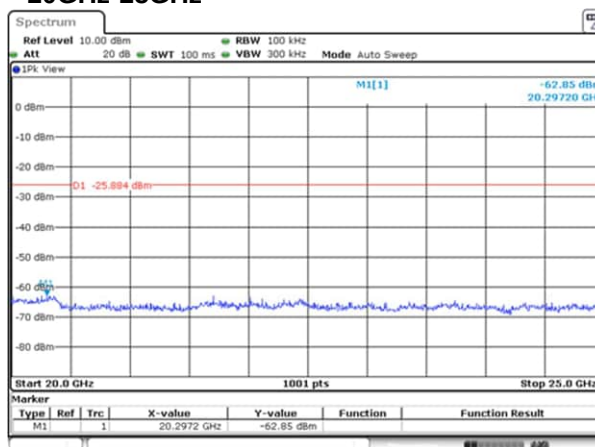
10GHz-15GHz



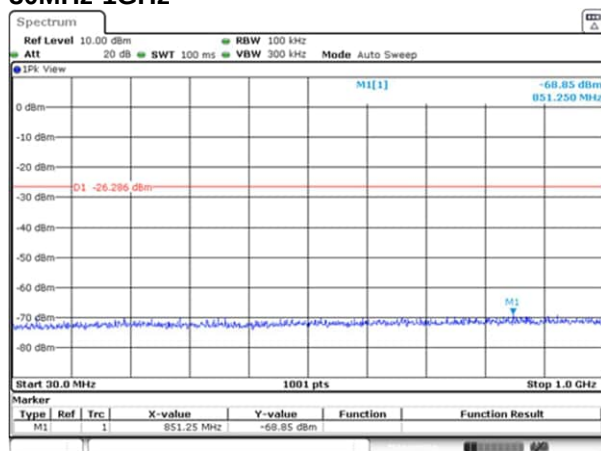
15GHz-20GHz



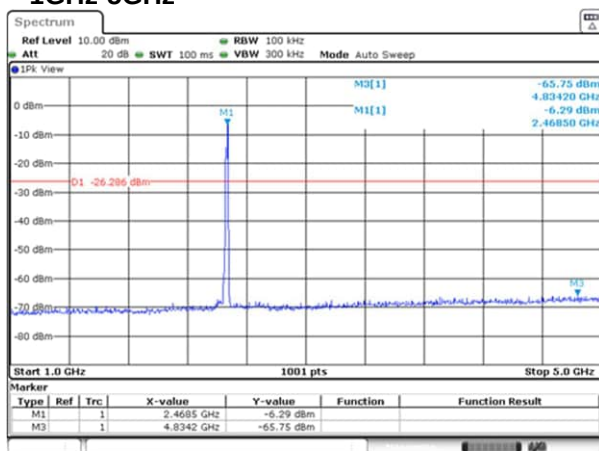
20GHz-25GHz



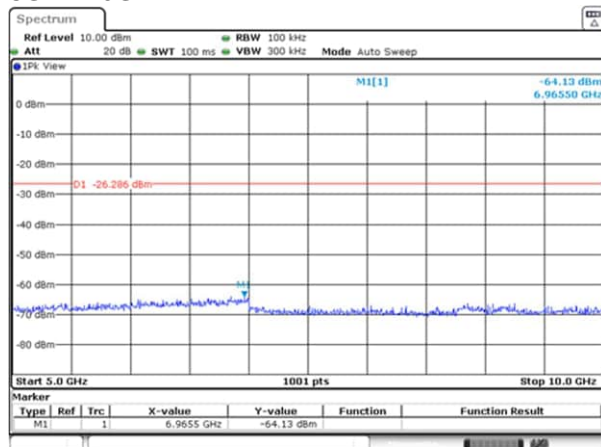
Channel High[Chain 1] 30MHz-1GHz



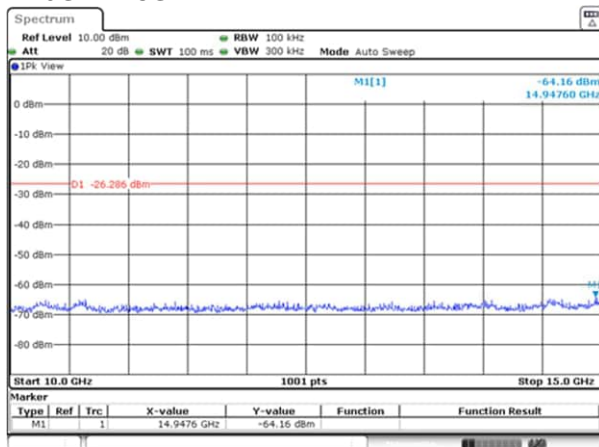
1GHz-5GHz



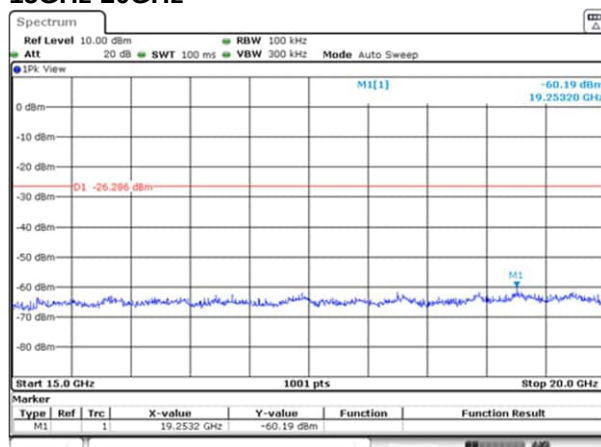
5GHz-10GHz



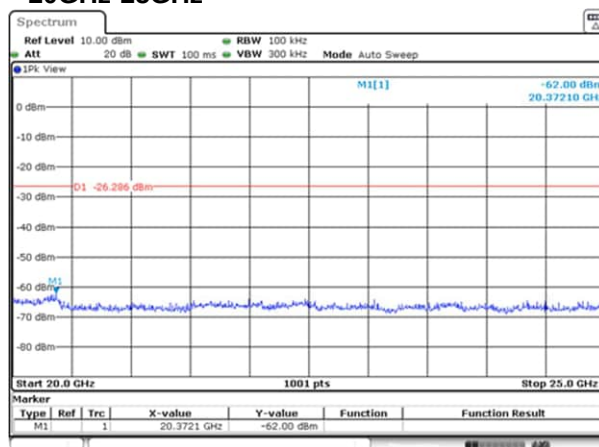
10GHz-15GHz



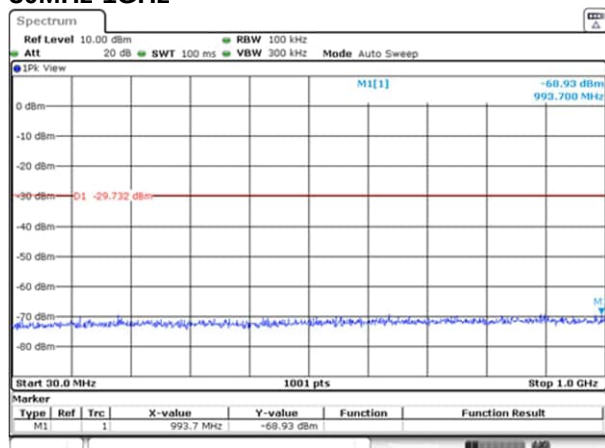
15GHz-20GHz



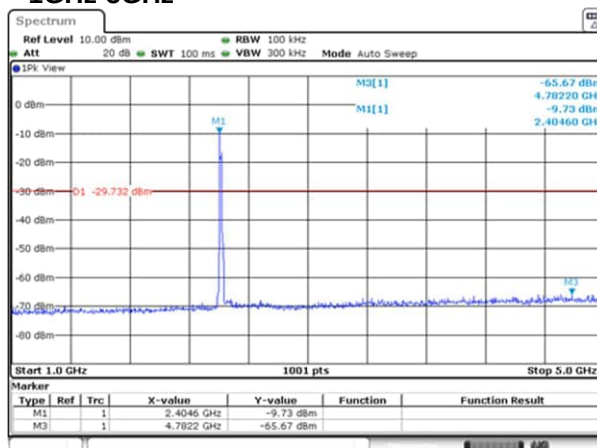
20GHz-25GHz



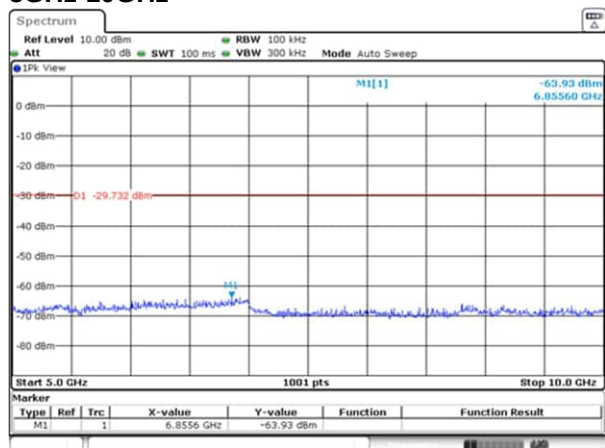
[IEEE802.11ax (HE20)_52-Tones] Channel Low[Chain 1] 30MHz-1GHz



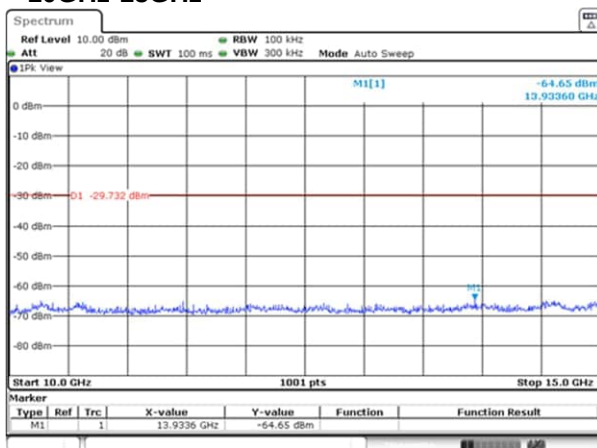
1GHz-5GHz



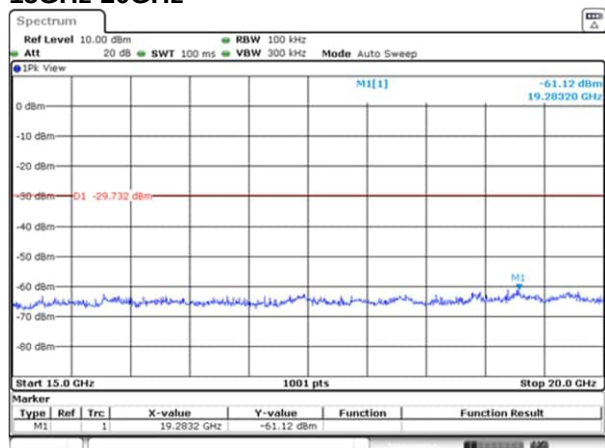
5GHz-10GHz



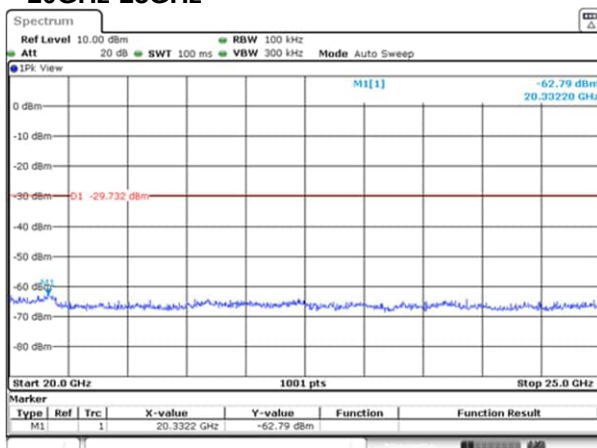
10GHz-15GHz



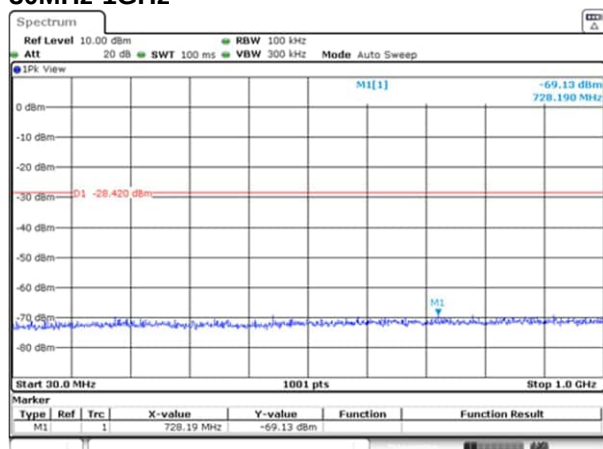
15GHz-20GHz



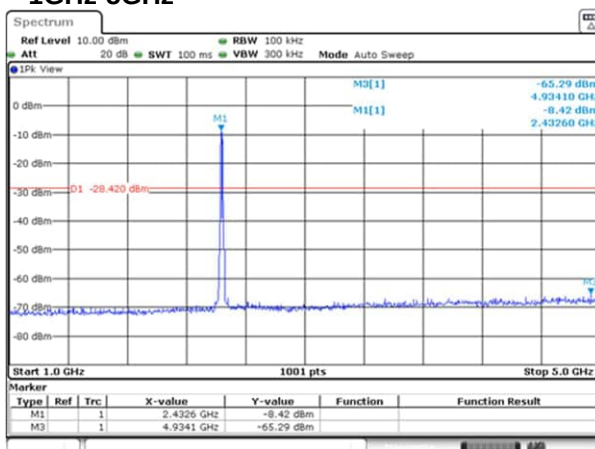
20GHz-25GHz



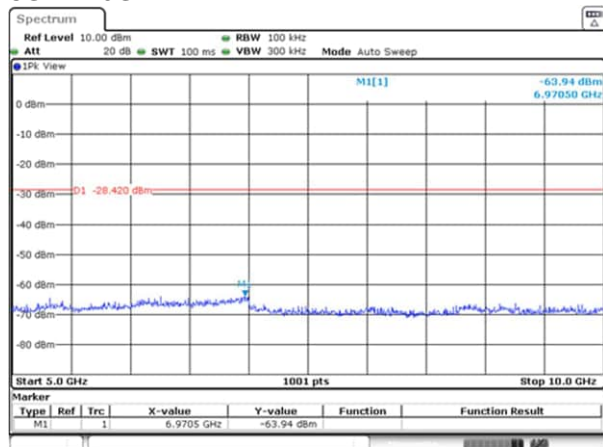
Channel Middle[Chain 1] 30MHz-1GHz



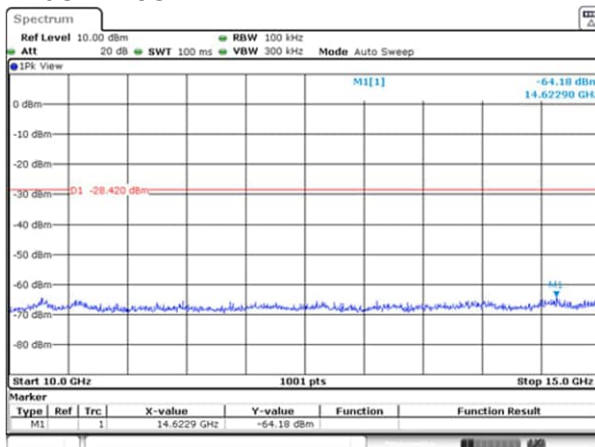
1GHz-5GHz



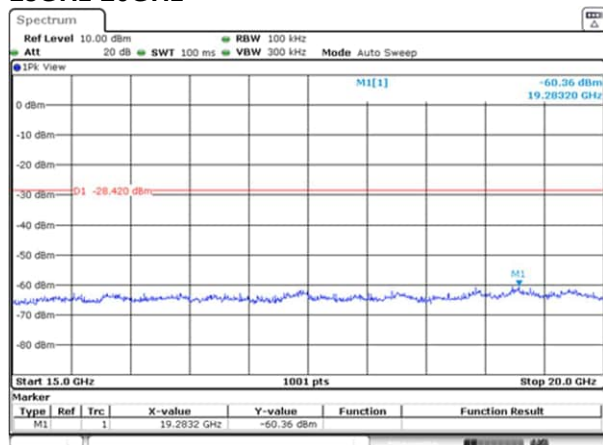
5GHz-10GHz



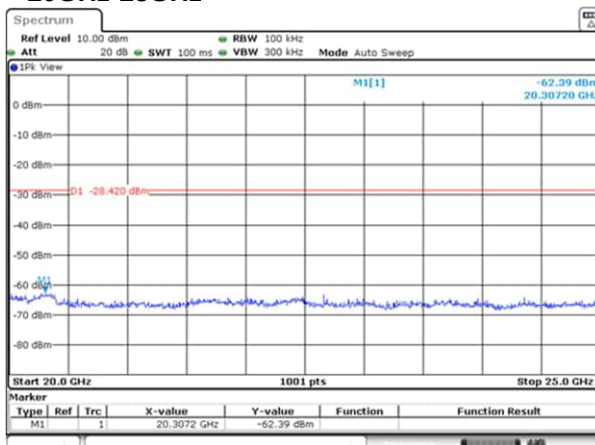
10GHz-15GHz



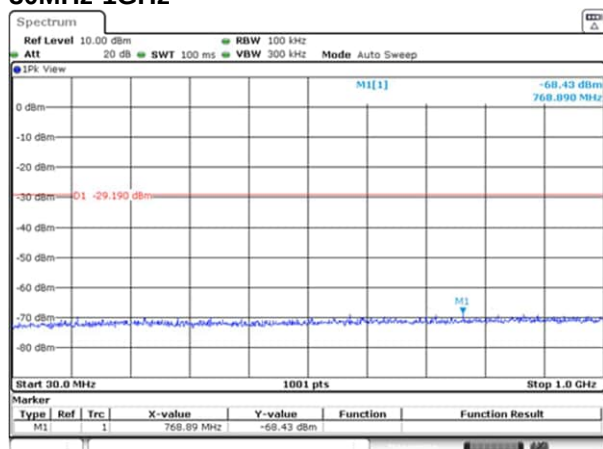
15GHz-20GHz



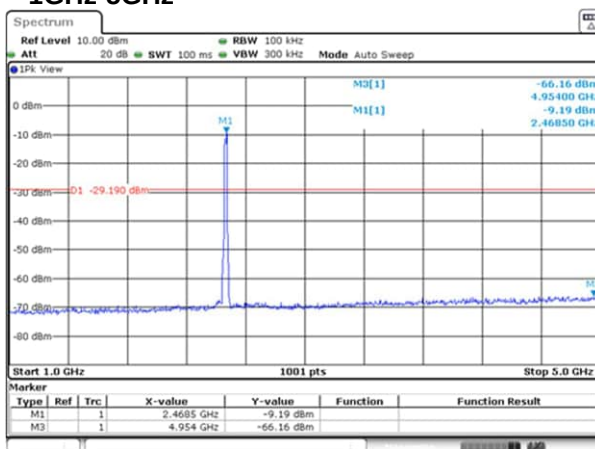
20GHz-25GHz



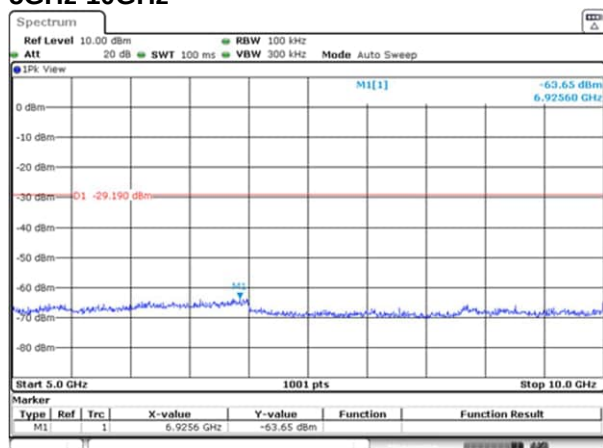
Channel High[Chain 1] 30MHz-1GHz



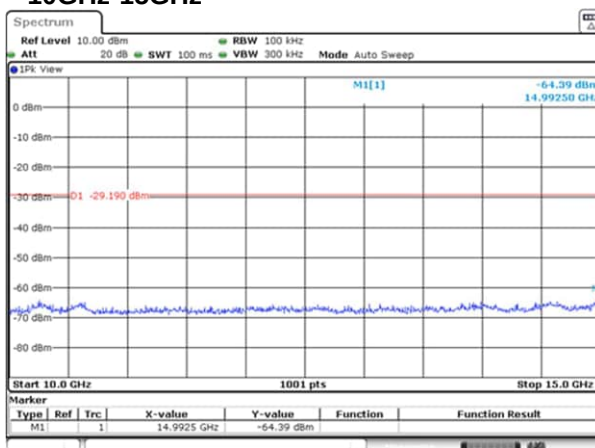
1GHz-5GHz



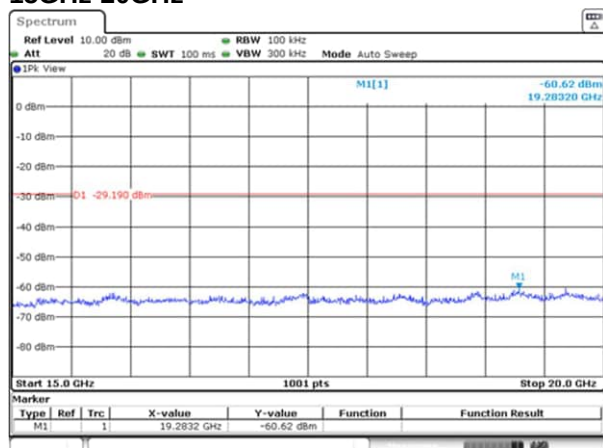
5GHz-10GHz



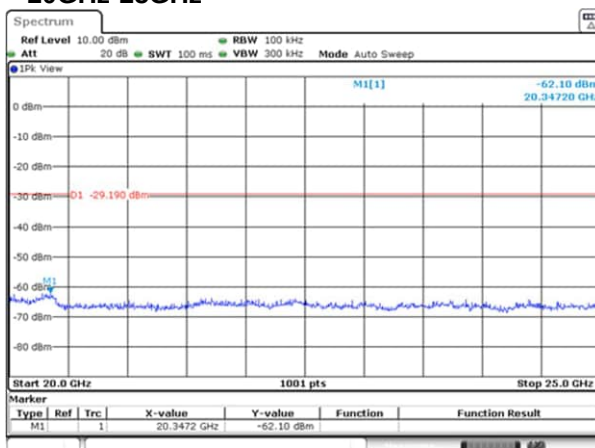
10GHz-15GHz



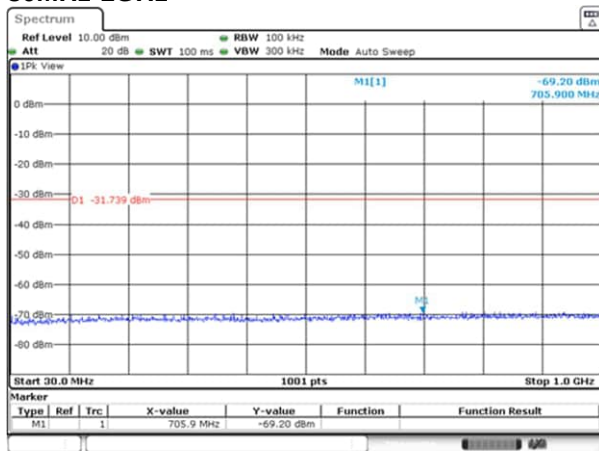
15GHz-20GHz



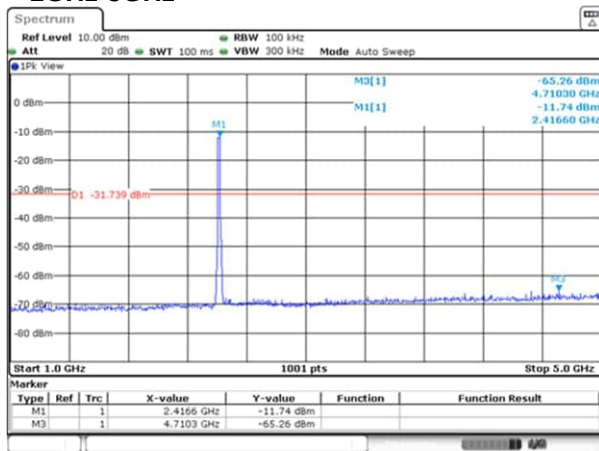
20GHz-25GHz



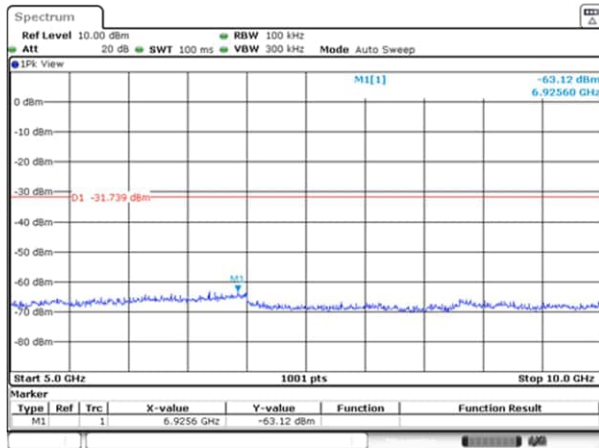
**[IEEE802.11ax (HE20) 106-Tones]
Channel Low[Chain 1]
30MHz-1GHz**



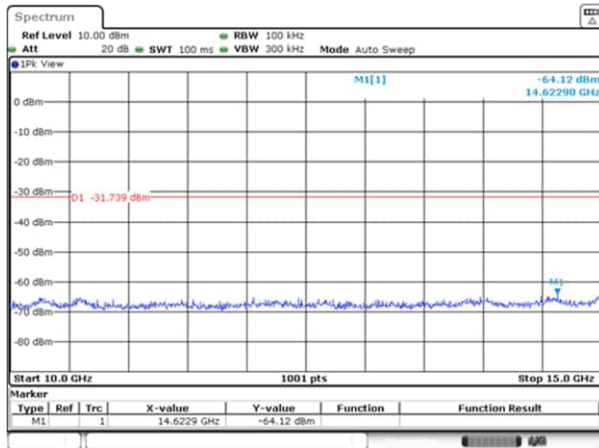
1GHz-5GHz



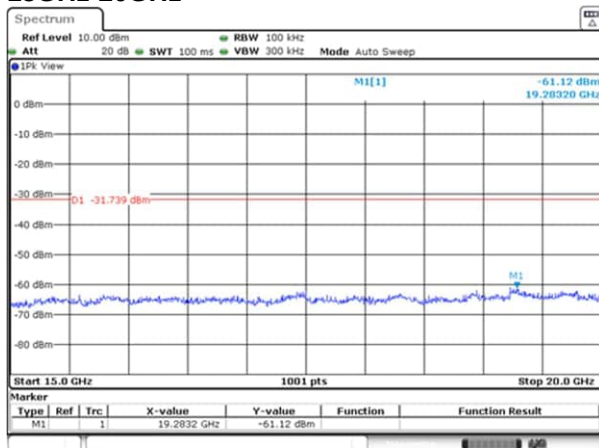
5GHz-10GHz



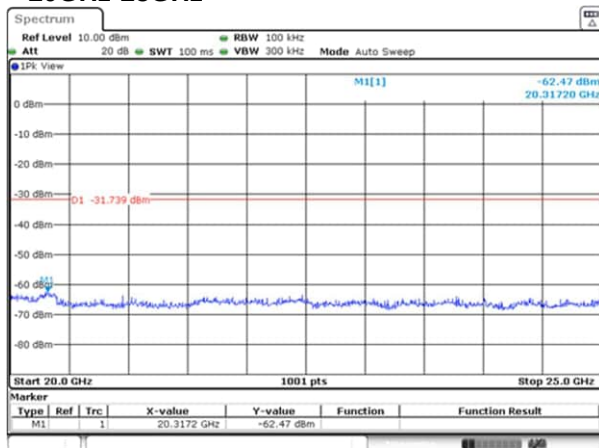
10GHz-15GHz



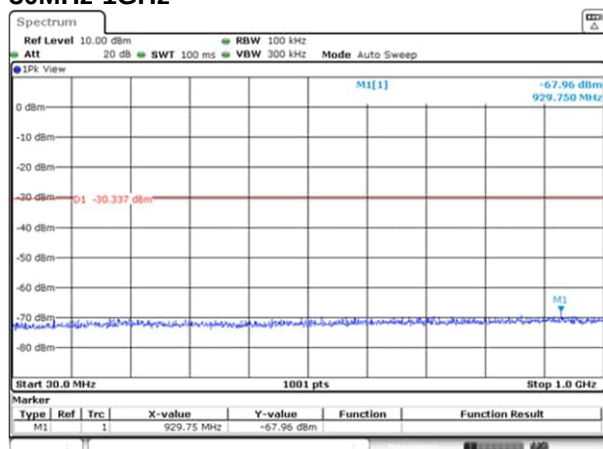
15GHz-20GHz



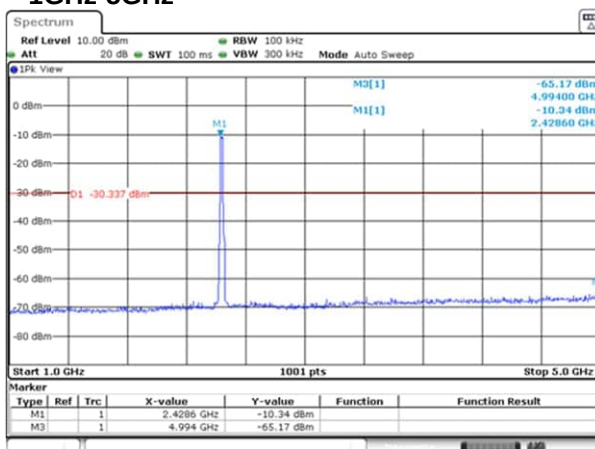
20GHz-25GHz



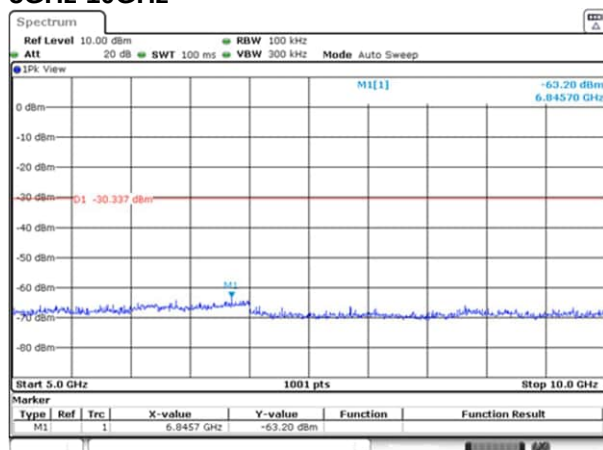
Channel Middle[Chain 1] 30MHz-1GHz



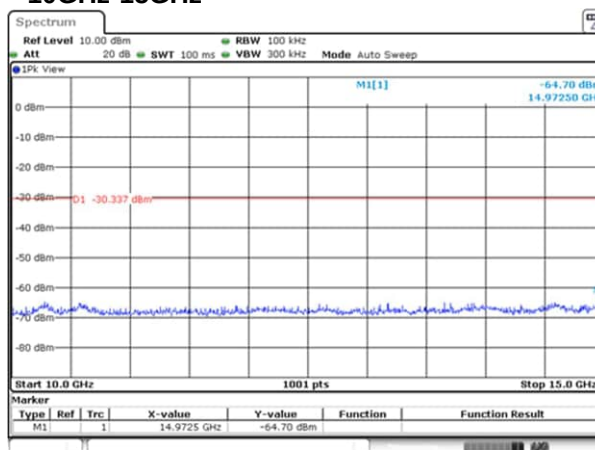
1GHz-5GHz



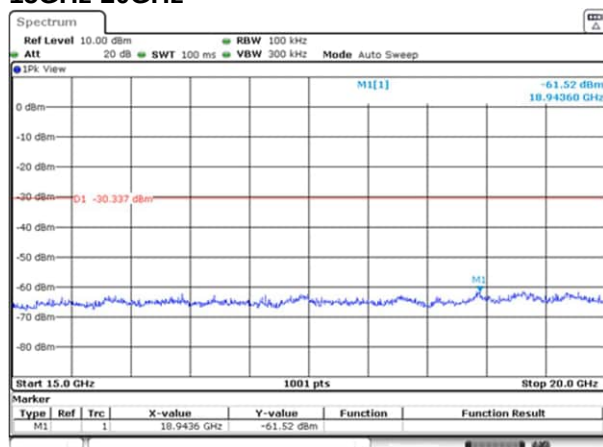
5GHz-10GHz



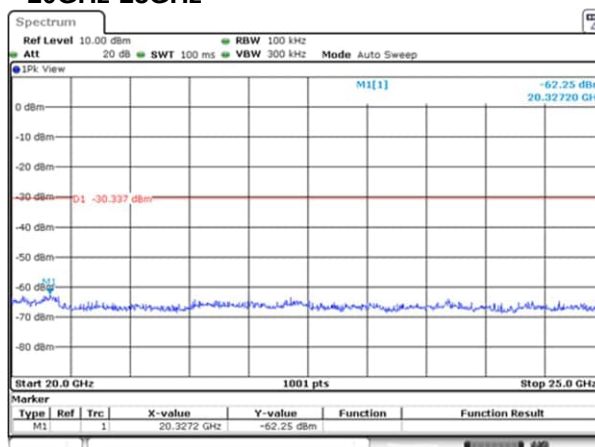
10GHz-15GHz



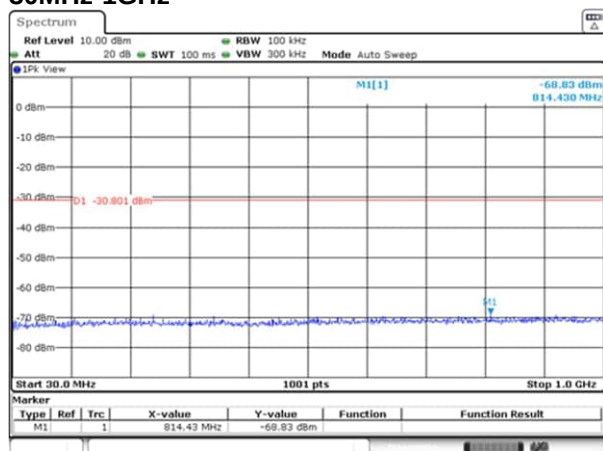
15GHz-20GHz



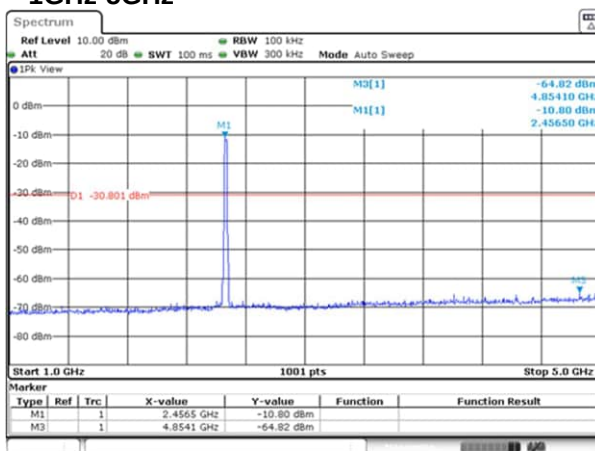
20GHz-25GHz



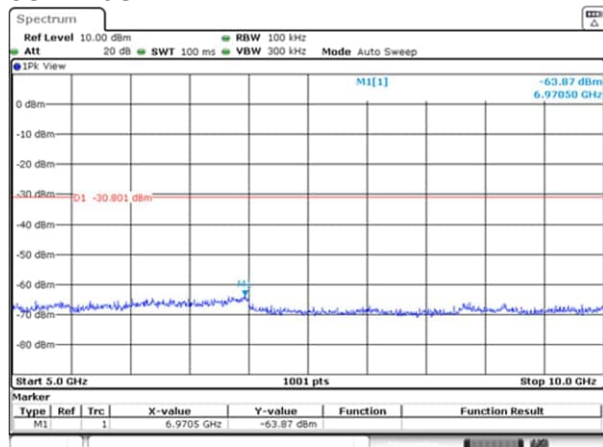
Channel High[Chain 1] 30MHz-1GHz



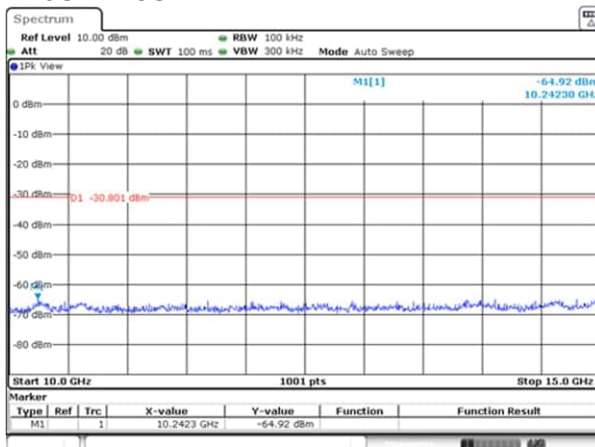
1GHz-5GHz



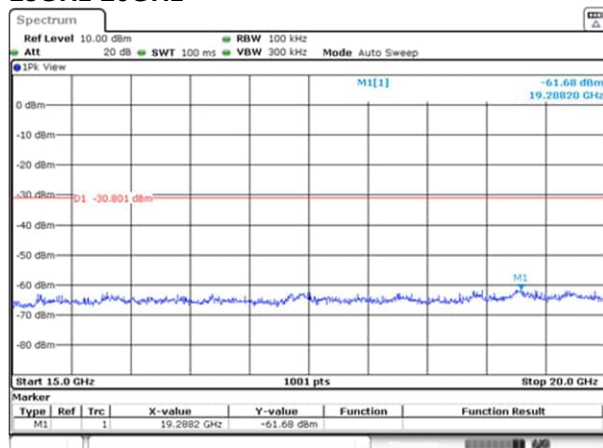
5GHz-10GHz



10GHz-15GHz



15GHz-20GHz



20GHz-25GHz

