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Note: All testing were carried out on SISO mode and MIMO mode, but only the worst case was presented in this report.

Appendix A.1: Test Results of Conducted Power Spectral Density

5.2GHz SDR, 10MHz BW

SISO mode (Ant.0):

Power Spectral Density (5157 MHz; 20.000 dBm; 10 MHz)

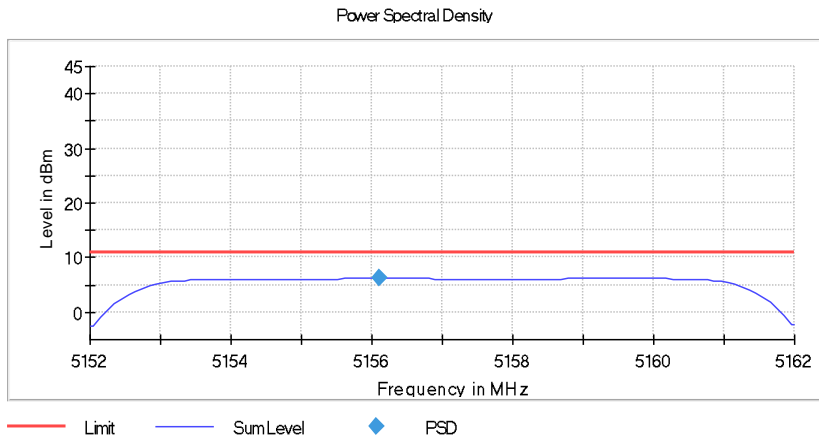
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5157.000000	5156.108911	6.188	11.0	PASS

Ports

Port	State
1	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.15200 GHz	5.15200 GHz
Stop Frequency	5.16200 GHz	5.16200 GHz
Span	10.000 MHz	10.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 20
SweepTime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.30 dB

Power Spectral Density (5201 MHz; 20.000 dBm; 10 MHz)

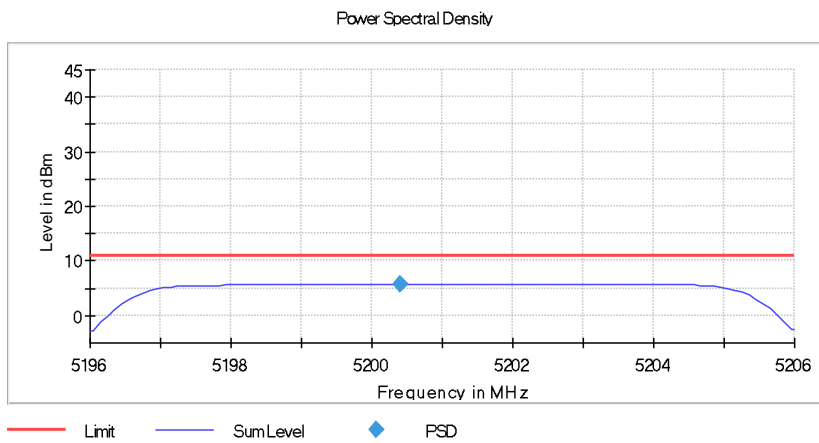
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5201.000000	5200.405941	5.767	11.0	PASS

Ports

Port	State
1	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.19600 GHz	5.19600 GHz
Stop Frequency	5.20600 GHz	5.20600 GHz
Span	10.000 MHz	10.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 20
SweepTime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.30 dB

Power Spectral Density (5245 MHz; 20.000 dBm; 10 MHz)

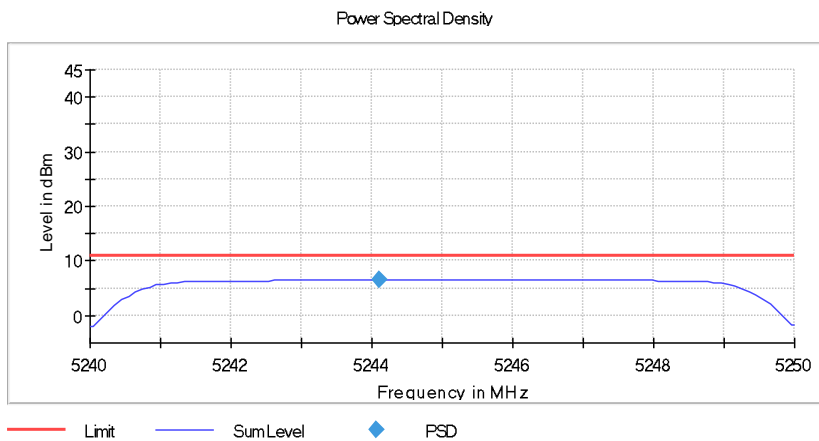
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5245.000000	5244.108911	6.497	11.0	PASS

Ports

Port	State
1	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.24000 GHz	5.24000 GHz
Stop Frequency	5.25000 GHz	5.25000 GHz
Span	10.000 MHz	10.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 20
SweepTime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.30 dB

MIMO mode (Ant.0+3):

Power Spectral Density (5157 MHz; 20.000 dBm; 10 MHz)

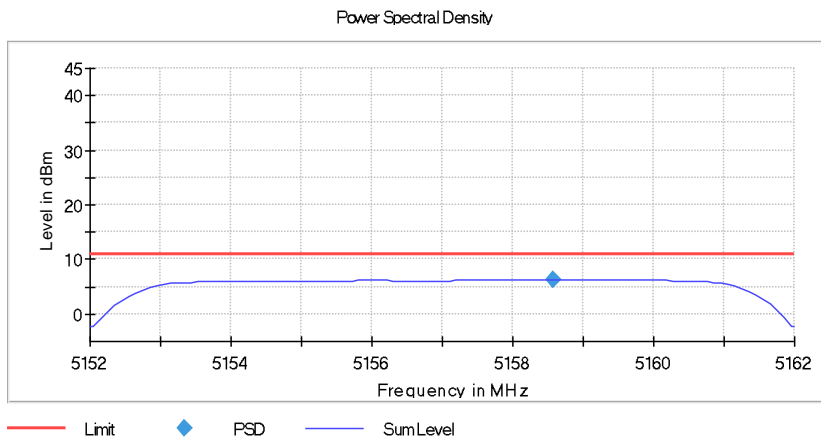
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5157.000000	5158.584158	6.208	11.0	PASS

Ports

Port	State
1	used
2	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.15200 GHz	5.15200 GHz
Stop Frequency	5.16200 GHz	5.16200 GHz
Span	10.000 MHz	10.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 20
SweepTime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.30 dB

Power Spectral Density (5201 MHz; 20.000 dBm; 10 MHz)

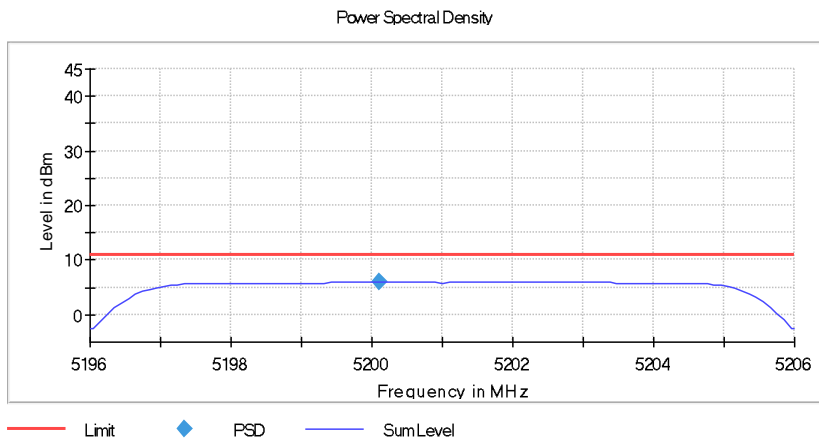
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5201.000000	5200.108911	5.887	11.0	PASS

Ports

Port	State
1	used
2	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.19600 GHz	5.19600 GHz
Stop Frequency	5.20600 GHz	5.20600 GHz
Span	10.000 MHz	10.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 20
SweepTime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.30 dB

Power Spectral Density (5245 MHz; 20.000 dBm; 10 MHz)

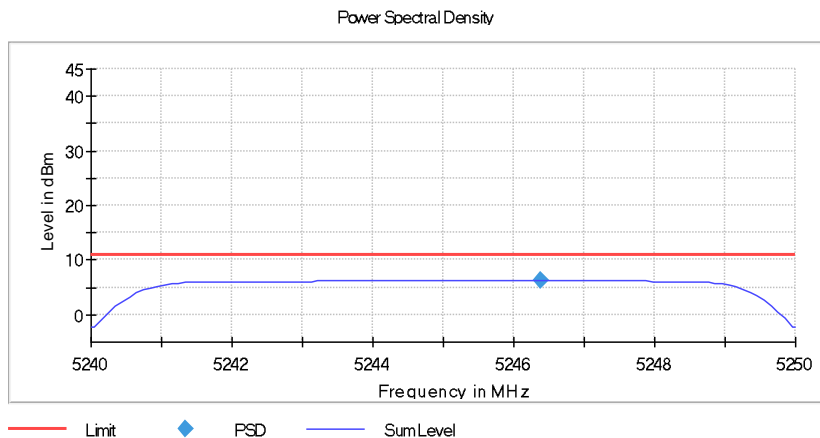
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5245.000000	5246.386139	6.168	11.0	PASS

Ports

Port	State
1	used
2	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.24000 GHz	5.24000 GHz
Stop Frequency	5.25000 GHz	5.25000 GHz
Span	10.000 MHz	10.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 20
SweepTime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.30 dB

5.2GHz SDR, 20MHz BW

SISO mode (Ant.0):

Power Spectral Density (5161 MHz; 20.000 dBm; 20 MHz)

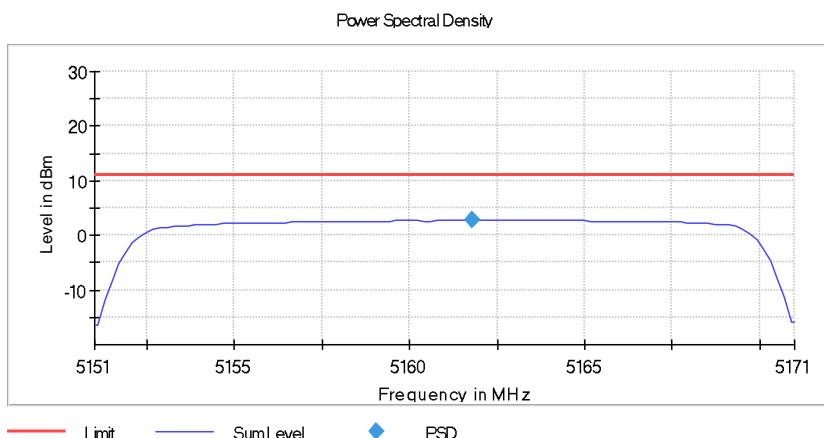
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5161.000000	5161.792079	2.753	11.0	PASS

Ports

Port	State
1	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.15100 GHz	5.15100 GHz
Stop Frequency	5.17100 GHz	5.17100 GHz
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 40
SweepTime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.03 dB	0.30 dB

Power Spectral Density (5200 MHz; 20.000 dBm; 20 MHz)

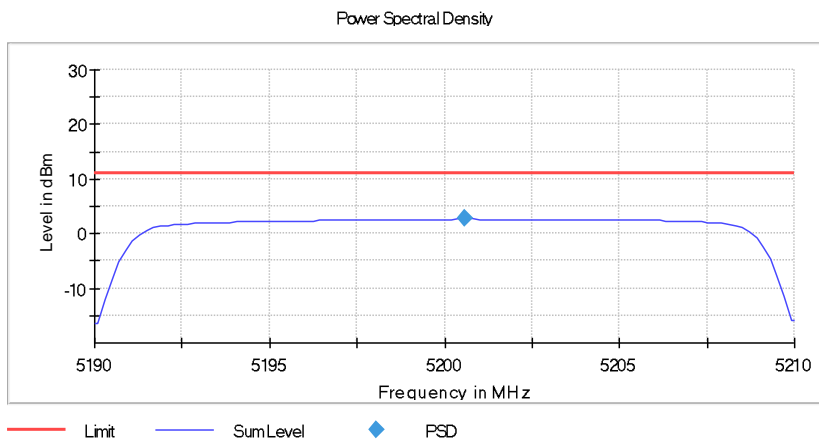
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5200.000000	5200.594059	2.689	11.0	PASS

Ports

Port	State
1	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.19000 GHz	5.19000 GHz
Stop Frequency	5.21000 GHz	5.21000 GHz
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 40
SweepTime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.02 dB	0.30 dB

Power Spectral Density (5240 MHz; 20.000 dBm; 20 MHz)

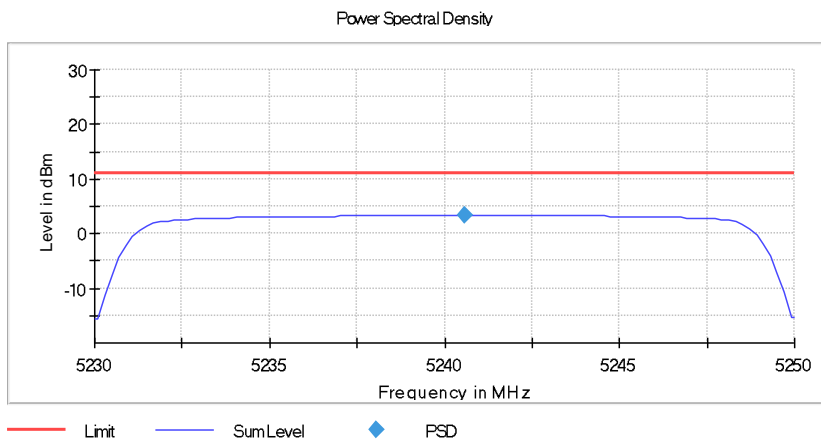
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5240.000000	5240.594059	3.389	11.0	PASS

Ports

Port	State
1	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.23000 GHz	5.23000 GHz
Stop Frequency	5.25000 GHz	5.25000 GHz
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 40
SweepTime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.03 dB	0.30 dB

MIMO mode (Ant.0+3):

Power Spectral Density (5161 MHz; 20.000 dBm; 20 MHz)

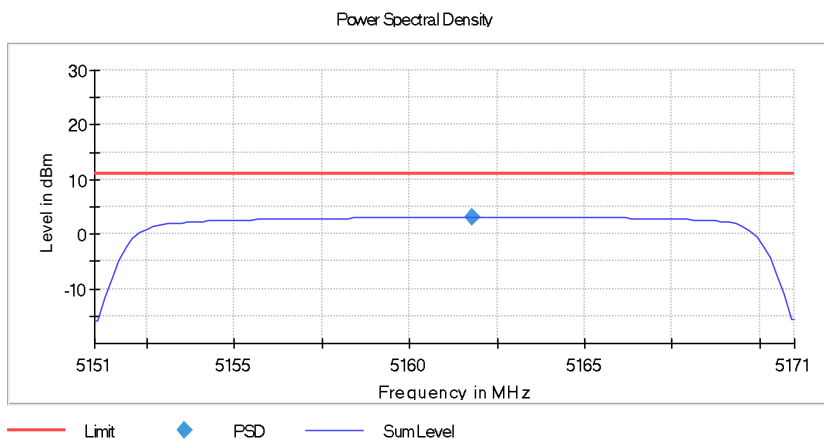
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5161.000000	5161.792079	3.126	11.0	PASS

Ports

Port	State
1	used
2	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.15100 GHz	5.15100 GHz
Stop Frequency	5.17100 GHz	5.17100 GHz
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 40
SweepTime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.02 dB	0.30 dB

Power Spectral Density (5200 MHz; 20.000 dBm; 20 MHz)

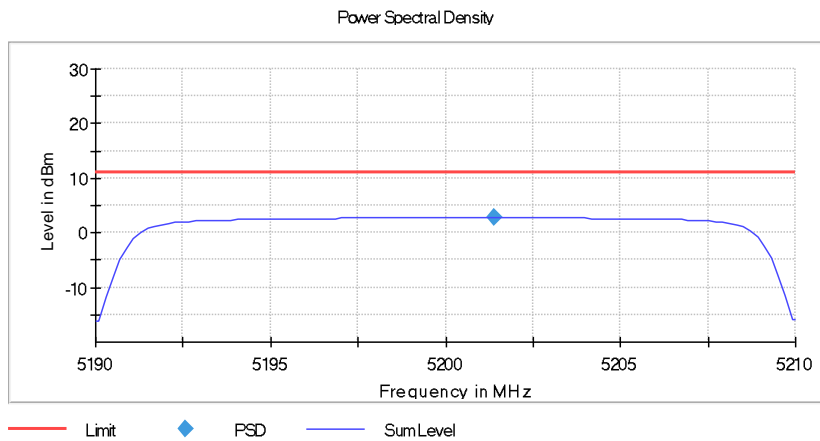
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5200.000000	5201.386139	2.828	11.0	PASS

Ports

Port	State
1	used
2	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.19000 GHz	5.19000 GHz
Stop Frequency	5.21000 GHz	5.21000 GHz
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 40
SweepTime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.04 dB	0.30 dB

Power Spectral Density (5240 MHz; 20.000 dBm; 20 MHz)

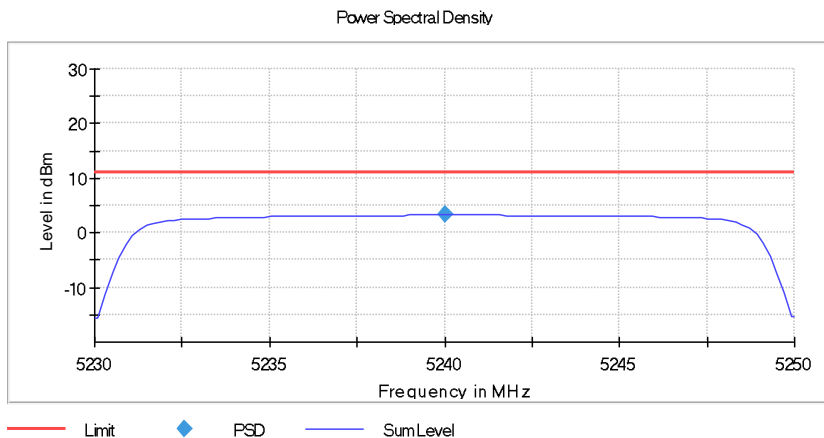
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5240.000000	5240.000000	3.285	11.0	PASS

Ports

Port	State
1	used
2	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.23000 GHz	5.23000 GHz
Stop Frequency	5.25000 GHz	5.25000 GHz
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 40
SweepTime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.06 dB	0.30 dB

5.2GHz SDR, 40MHz BW

SISO mode (Ant.0):

Power Spectral Density (5170 MHz; 20.000 dBm; 40 MHz)

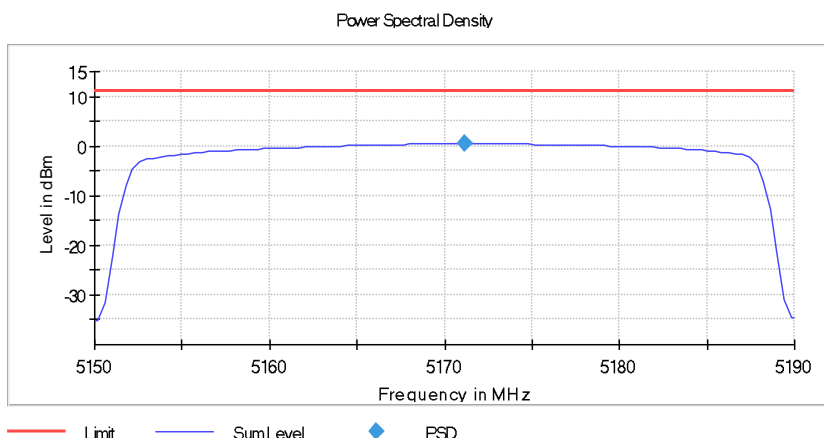
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5170.000000	5171.188119	0.487	11.0	PASS

Ports

Port	State
1	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.15000 GHz	5.15000 GHz
Stop Frequency	5.19000 GHz	5.19000 GHz
Span	40.000 MHz	40.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 80
SweepTime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.03 dB	0.30 dB

Power Spectral Density (5200 MHz; 20.000 dBm; 40 MHz)

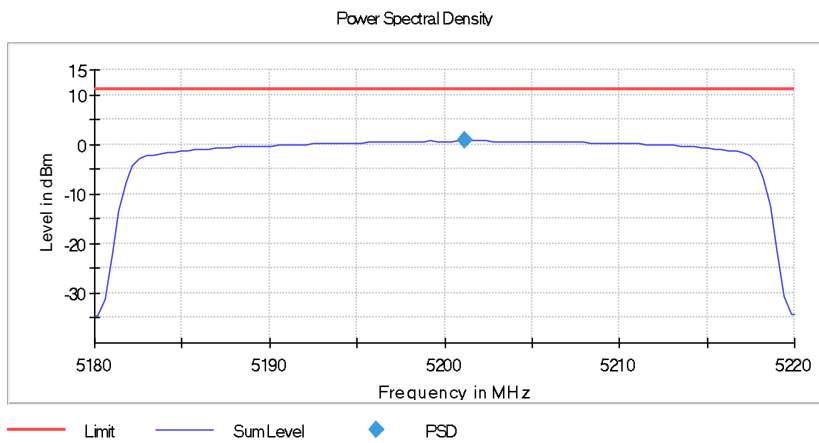
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5200.000000	5201.188119	0.681	11.0	PASS

Ports

Port	State
1	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.18000 GHz	5.18000 GHz
Stop Frequency	5.22000 GHz	5.22000 GHz
Span	40.000 MHz	40.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 80
SweepTime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.03 dB	0.30 dB

Power Spectral Density (5230 MHz; 20.000 dBm; 40 MHz)

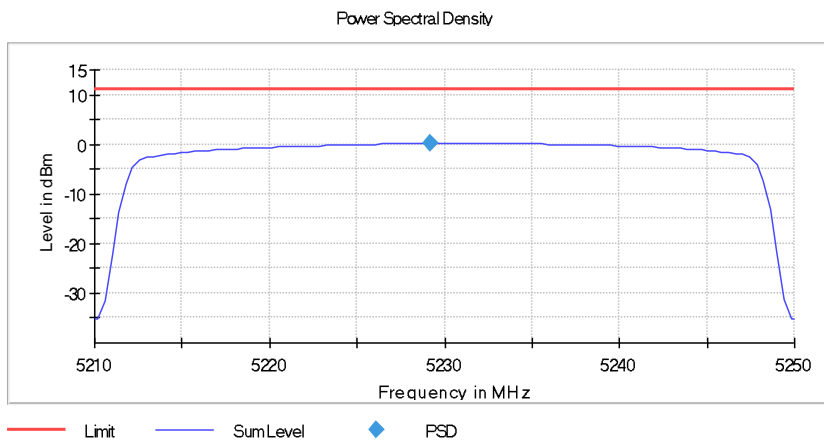
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5230.000000	5229.207921	0.273	11.0	PASS

Ports

Port	State
1	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.21000 GHz	5.21000 GHz
Stop Frequency	5.25000 GHz	5.25000 GHz
Span	40.000 MHz	40.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 80
Sweeptime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.02 dB	0.30 dB

MIMO mode (Ant.0+3):

Power Spectral Density (5170 MHz; 20.000 dBm; 40 MHz)

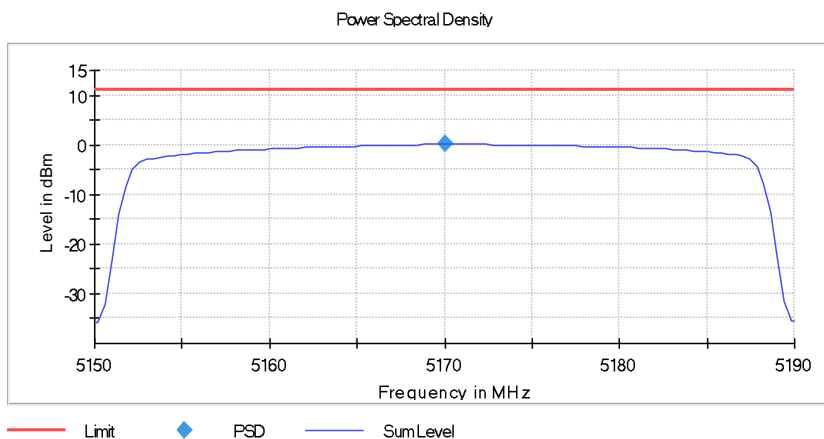
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5170.000000	5170.000000	0.086	11.0	PASS

Ports

Port	State
1	used
2	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.15000 GHz	5.15000 GHz
Stop Frequency	5.19000 GHz	5.19000 GHz
Span	40.000 MHz	40.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 80
SweepTime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.05 dB	0.30 dB

Power Spectral Density (5200 MHz; 20.000 dBm; 40 MHz)

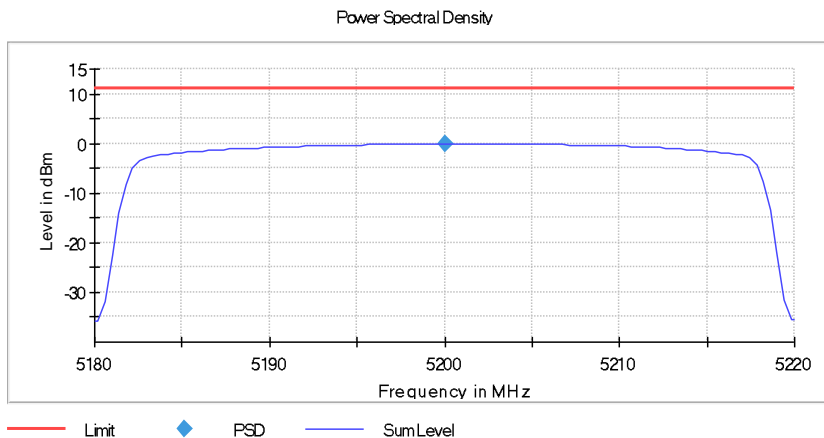
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5200.000000	5200.000000	0.035	11.0	PASS

Ports

Port	State
1	used
2	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.18000 GHz	5.18000 GHz
Stop Frequency	5.22000 GHz	5.22000 GHz
Span	40.000 MHz	40.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 80
Sweeptime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.02 dB	0.30 dB

Power Spectral Density (5230 MHz; 20.000 dBm; 40 MHz)

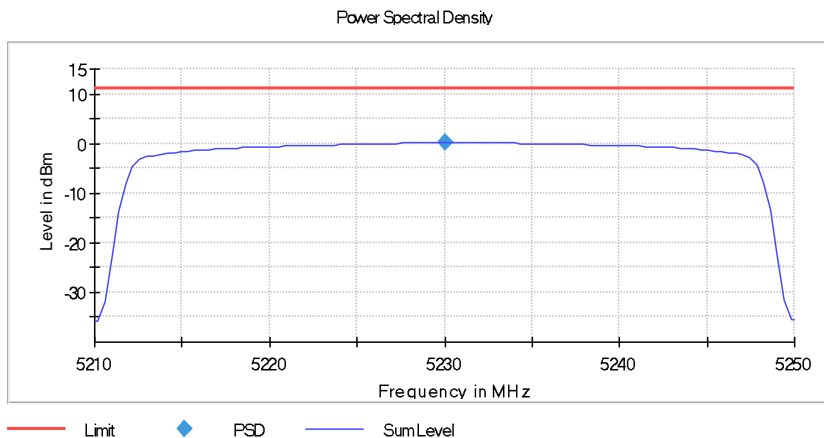
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5230.000000	5230.000000	0.230	11.0	PASS

Ports

Port	State
1	used
2	used



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.21000 GHz	5.21000 GHz
Stop Frequency	5.25000 GHz	5.25000 GHz
Span	40.000 MHz	40.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 80
SweepTime	505.000 ms	505.000 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	119	119
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 15	max. 15
Stable	3 / 3	3
Max Stable Difference	0.03 dB	0.30 dB

Appendix A.2: Test Results of Frequency Stability

5.2GHz SDR, 10MHz BW

Frequency Error (5157 MHz; 20.000 dBm; 10 MHz)

Test according to FCC title 47 part 15 §15.407(g), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 A.3 and ANSI C63.10-2013

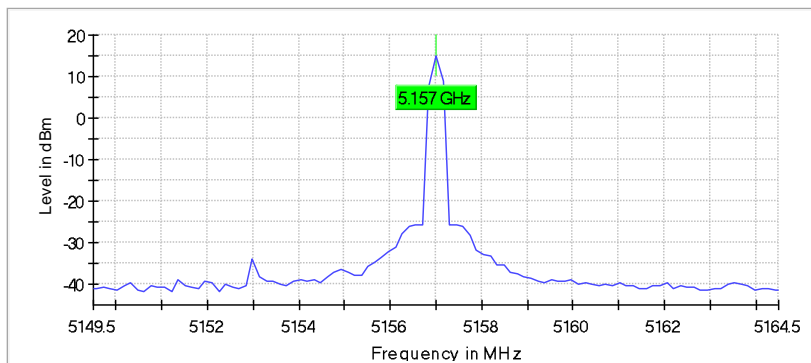
Result

DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)
5157.000000	5157.004500	0.873	4.499500	---	---

(continuation of the "Result" table from column 6 ...)

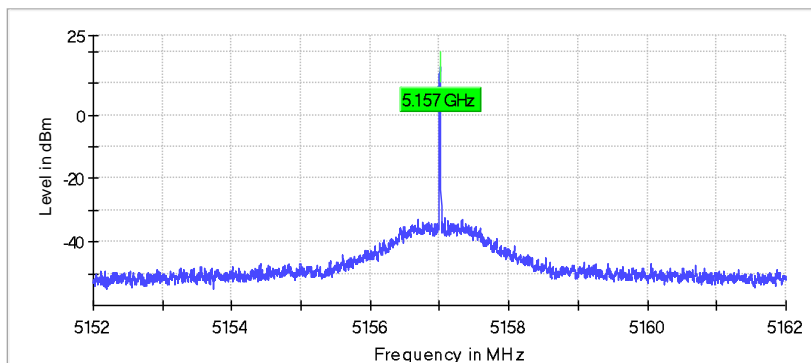
DUT Frequency (MHz)	Result
5157.000000	PASS

Frequency stability Pre



Center frequency (green line) Max Hold (blue line)

Frequency stability



Edge points (blue diamond) Max Hold (blue line) Center frequency (green line)

5.2GHz SDR, 20MHz BW

Frequency Error (5161 MHz; 20.000 dBm; 20 MHz)

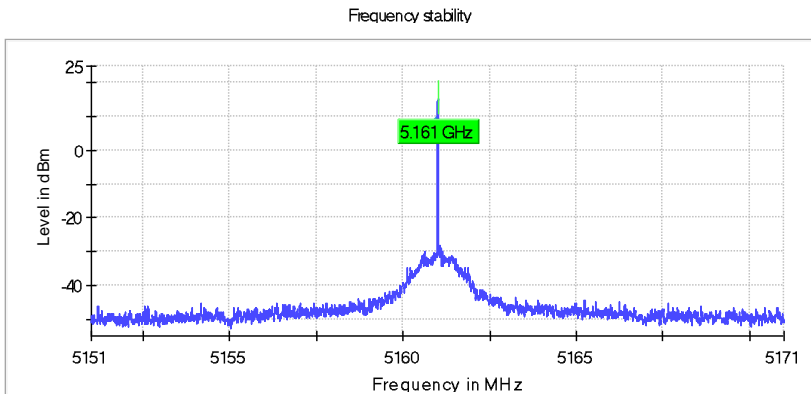
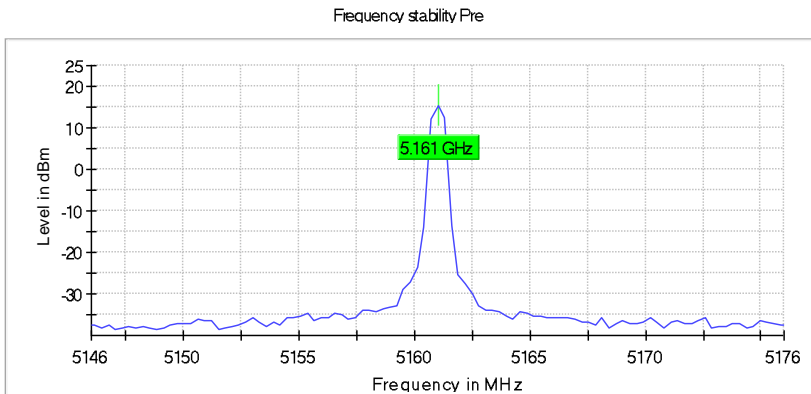
Test according to FCC title 47 part 15 §15.407(g), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 A.3 and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)
5161.000000	5161.005000	0.969	4.999500	---	---

(continuation of the "Result" table from column 6 ...)

DUT Frequency (MHz)	Result
5161.000000	PASS



5.2GHz SDR, 40MHz BW

Frequency Error (5170 MHz; 20.000 dBm; 40 MHz)

Test according to FCC title 47 part 15 §15.407(g), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 A.3 and ANSI C63.10-2013

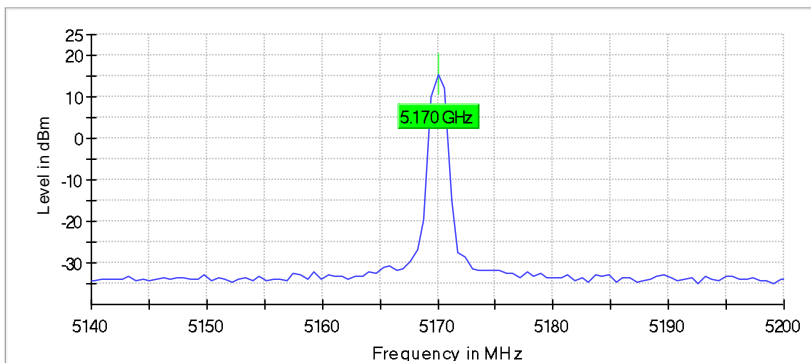
Result

DUT Frequency (MHz)	Frequency (MHz)	Difference (ppm)	Frequency Difference (kHz)	Limit Min (MHz)	Limit Max (MHz)
5170.000000	5170.006000	1.160	5.999500	---	---

(continuation of the "Result" table from column 6 ...)

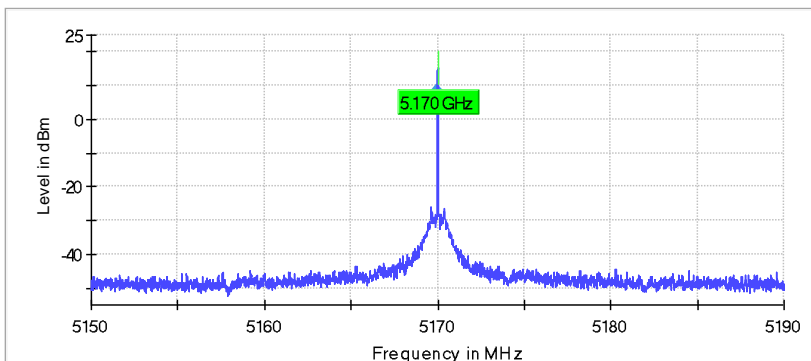
DUT Frequency (MHz)	Result
5170.000000	PASS

Frequency stability Pre



Center frequency (green line) Max Hold (blue line)

Frequency stability



Edge points (blue diamond) Max Hold (blue line) Center frequency (green line)

Appendix A.3: Test Results of 26dB Bandwidth

5.2GHz SDR, 10MHz BW

Emission Bandwidth 26 dB (5157 MHz; 20.000 dBm; 10 MHz)

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

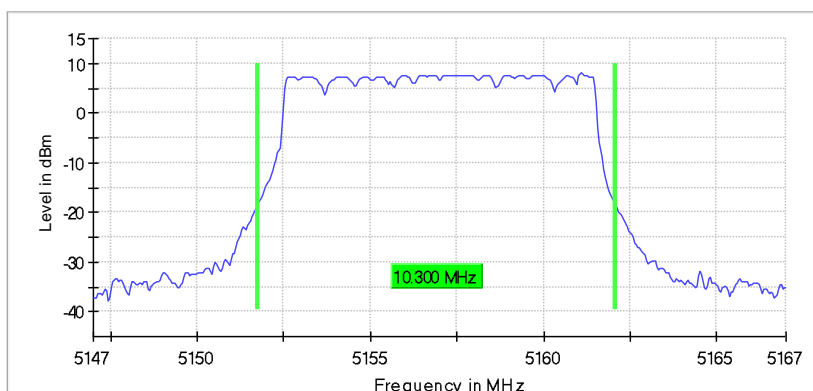
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5157.000000	10.300000	---	---	5151.775000	5162.075000

(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5157.000000	8.1	PASS

26 dB Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.14700 GHz	5.14700 GHz
Stop Frequency	5.16700 GHz	5.16700 GHz
Span	20.000 MHz	20.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	400	~ 400
Sweeptime	56.953 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	69 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.00 dB	0.30 dB

Emission Bandwidth 26 dB (5201 MHz; 20.000 dBm; 10 MHz)

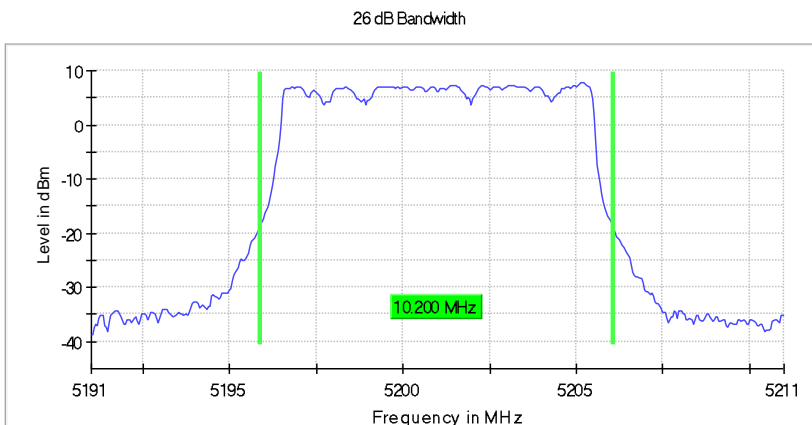
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5201.000000	10.200000	---	---	5195.875000	5206.075000

(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5201.000000	7.8	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.19100 GHz	5.19100 GHz
Stop Frequency	5.21100 GHz	5.21100 GHz
Span	20.000 MHz	20.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	400	~ 400
SweepTime	56.953 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	75 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.00 dB	0.30 dB

Emission Bandwidth 26 dB (5245 MHz; 20.000 dBm; 10 MHz)

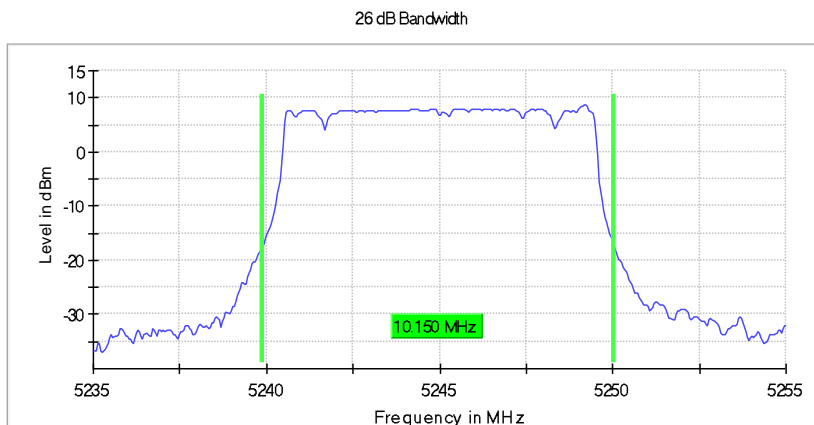
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5245.000000	10.150000	---	---	5239.875000	5250.025000

(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5245.000000	8.7	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.23500 GHz	5.23500 GHz
Stop Frequency	5.25500 GHz	5.25500 GHz
Span	20.000 MHz	20.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	400	~ 400
Sweeptime	56.953 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	89 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.00 dB	0.30 dB

5.2GHz SDR, 20MHz BW

Emission Bandwidth 26 dB (5161 MHz; 20.000 dBm; 20 MHz)

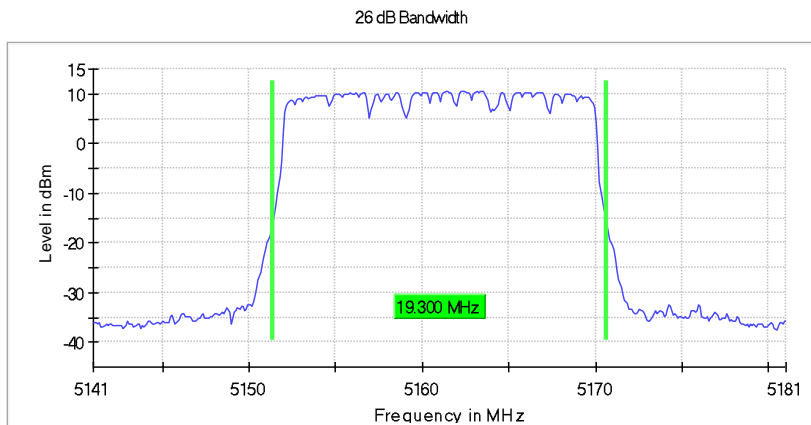
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5161.000000	19.300000	---	---	5151.350000	5170.650000

(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5161.000000	10.6	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.14100 GHz	5.14100 GHz
Stop Frequency	5.18100 GHz	5.18100 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
SweepTime	47.266 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	90 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.00 dB	0.30 dB

Emission Bandwidth 26 dB (5200 MHz; 20.000 dBm; 20 MHz)

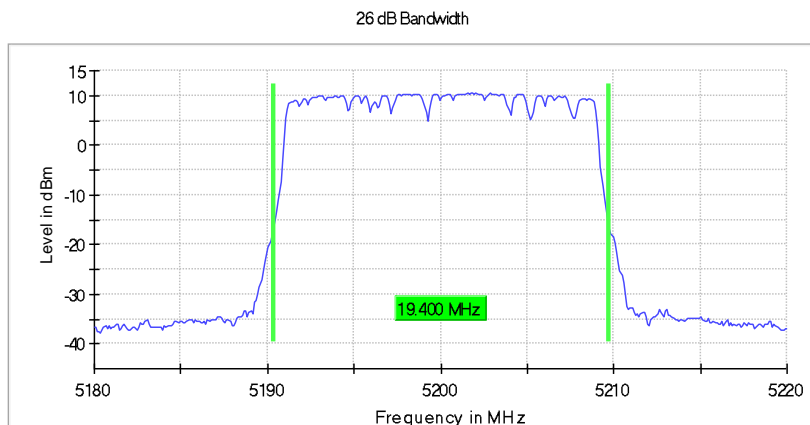
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5200.000000	19.400000	---	---	5190.350000	5209.750000

(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5200.000000	10.5	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.18000 GHz	5.18000 GHz
Stop Frequency	5.22000 GHz	5.22000 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweeptime	47.266 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	88 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.21 dB	0.30 dB

Emission Bandwidth 26 dB (5240 MHz; 20.000 dBm; 20 MHz)

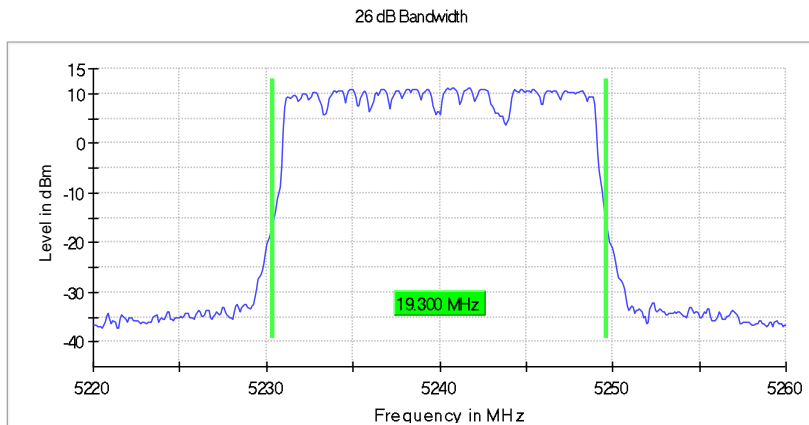
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5240.000000	19.300000	---	---	5230.350000	5249.650000

(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5240.000000	11.1	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.22000 GHz	5.22000 GHz
Stop Frequency	5.26000 GHz	5.26000 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	~ 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweeptime	47.266 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	60 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.00 dB	0.30 dB

5.2GHz SDR, 40MHz BW

Emission Bandwidth 26 dB (5170 MHz; 20.000 dBm; 40 MHz)

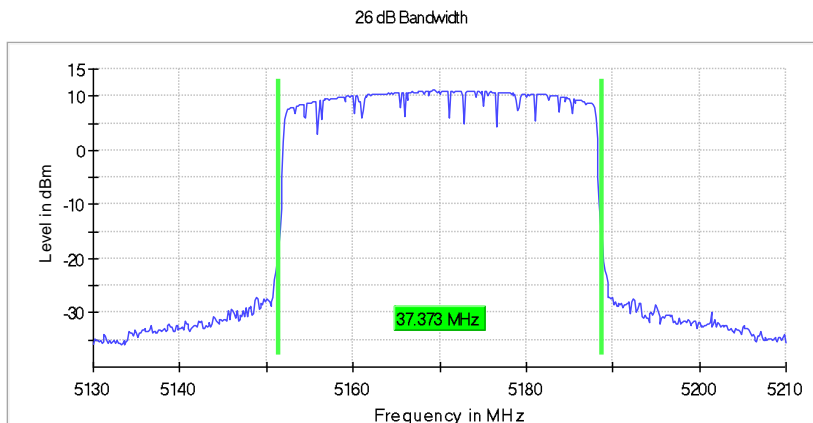
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5170.000000	37.373358	---	---	5151.388368	5188.761726

(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5170.000000	11.2	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.13000 GHz	5.13000 GHz
Stop Frequency	5.21000 GHz	5.21000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 kHz	~ 400.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	533	~ 533
Sweptime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	100 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.00 dB	0.30 dB

Emission Bandwidth 26 dB (5200 MHz; 20.000 dBm; 40 MHz)

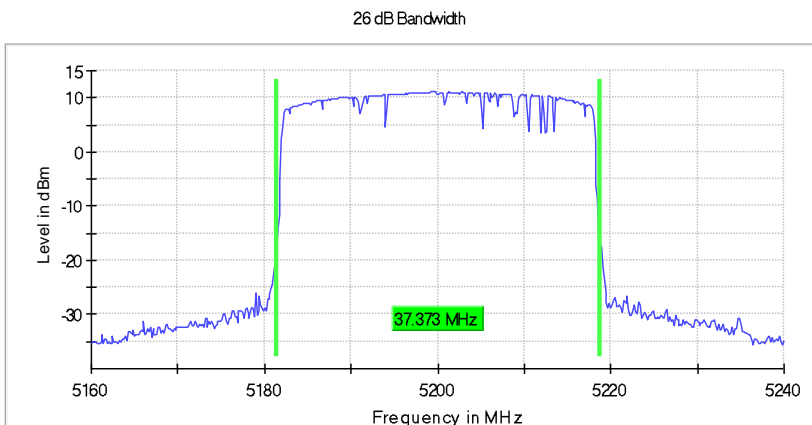
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5200.000000	37.373358	---	---	5181.388368	5218.761726

(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5200.000000	11.3	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.16000 GHz	5.16000 GHz
Stop Frequency	5.24000 GHz	5.24000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 kHz	~ 400.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	533	~ 533
Sweeptime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	101 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.01 dB	0.30 dB

Emission Bandwidth 26 dB (5230 MHz; 20.000 dBm; 40 MHz)

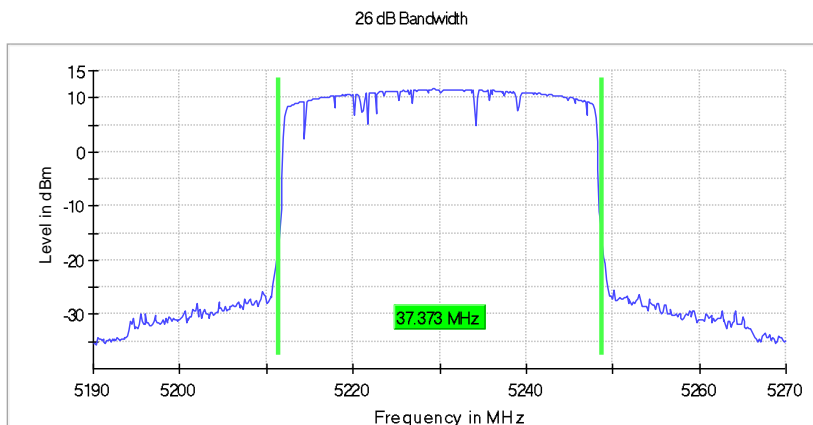
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5230.000000	37.373358	---	---	5211.388368	5248.761726

(continuation of the "26 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
5230.000000	11.7	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.19000 GHz	5.19000 GHz
Stop Frequency	5.27000 GHz	5.27000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 kHz	~ 400.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	533	~ 533
Sweeptime	1.000 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	110 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.17 dB	0.30 dB

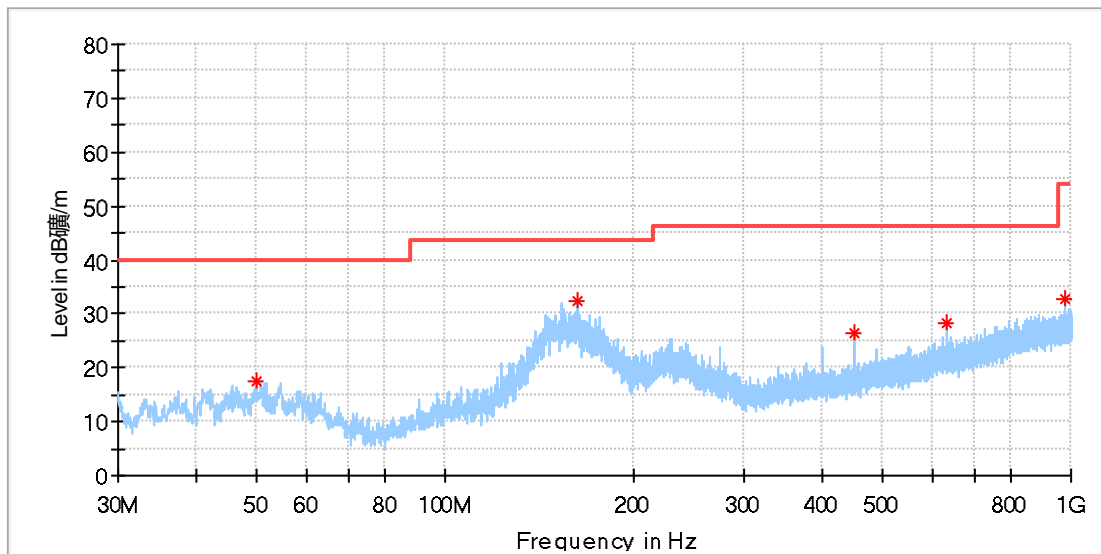
Appendix A.4: Test Results of Radiated Spurious Emissions

Note: 1, Testing is carried out with frequency rang 9kHz to the tenth harmonics.
2, The margin is greater than 20 dB are not shown in this Appendix.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	Matrice 30
Model:	M30 RTK
Test Mode:	SDR 5.2G_40M_5200MHz
Order No/Sample No:	168413415/A003459613-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

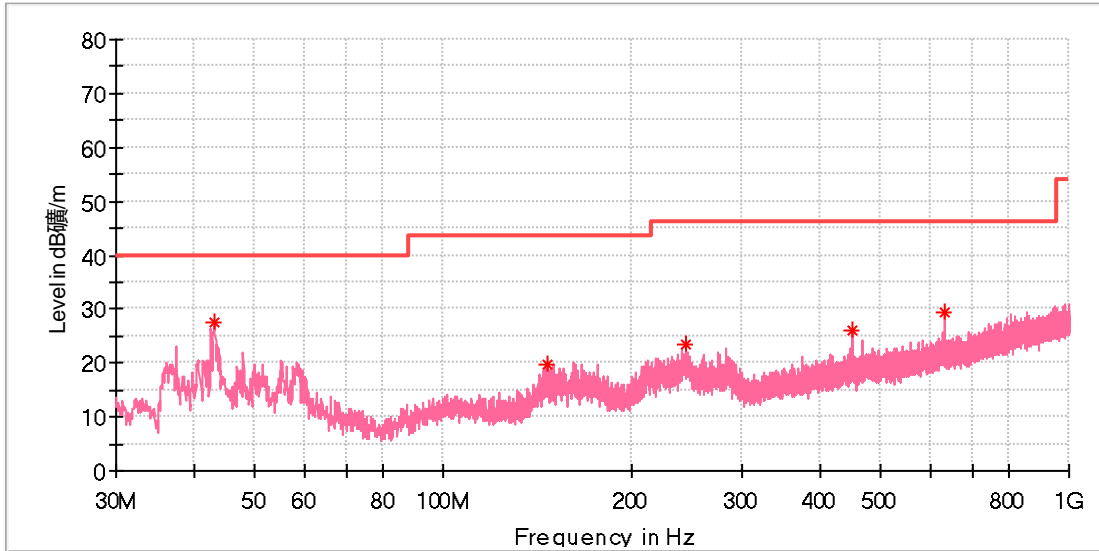
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.933500	17.45	40.00	22.55	100.0	H	319.0	-18.3
162.453500	32.42	43.50	11.08	100.0	H	177.0	-21.6
450.010000	26.40	46.00	19.60	100.0	H	85.0	-12.9
633.000500	28.19	46.00	17.81	100.0	H	10.0	-9.4
980.503000	32.61	54.00	21.39	100.0	H	0.0	-4.0

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_40M_5200MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
43.046500	27.43	40.00	12.57	100.0	V	311.0	-19.3
146.739500	19.73	43.50	23.77	100.0	V	204.0	-22.2
243.691000	23.61	46.00	22.39	100.0	V	145.0	-17.6
450.010000	26.06	46.00	19.94	100.0	V	6.0	-12.9
633.000500	29.25	46.00	16.75	100.0	V	0.0	-9.4

Final Result

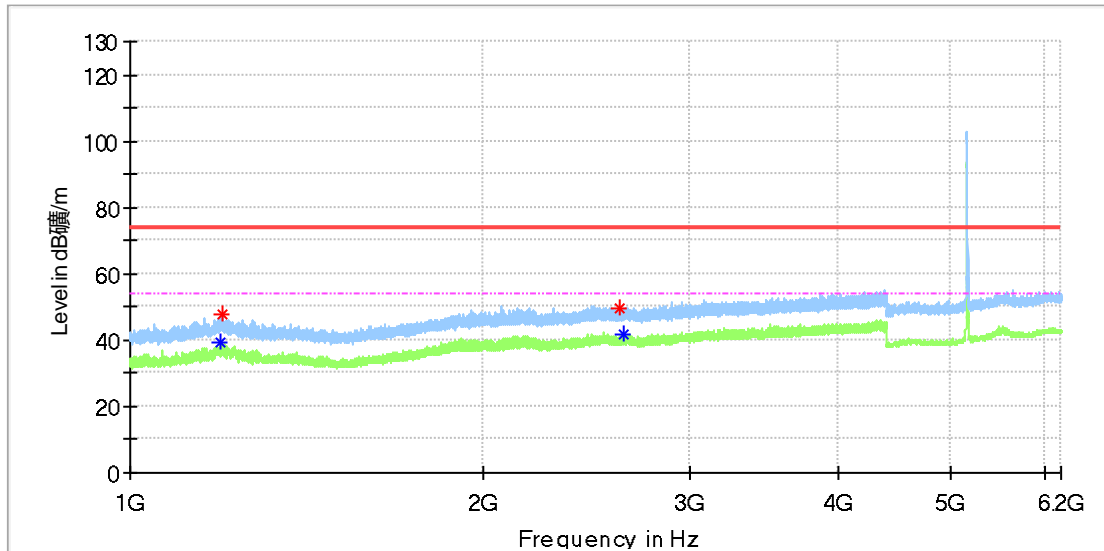
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

Note: The highest waveform in the figure is 5.2GHz SDR Fundamental.

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_10M_5157MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

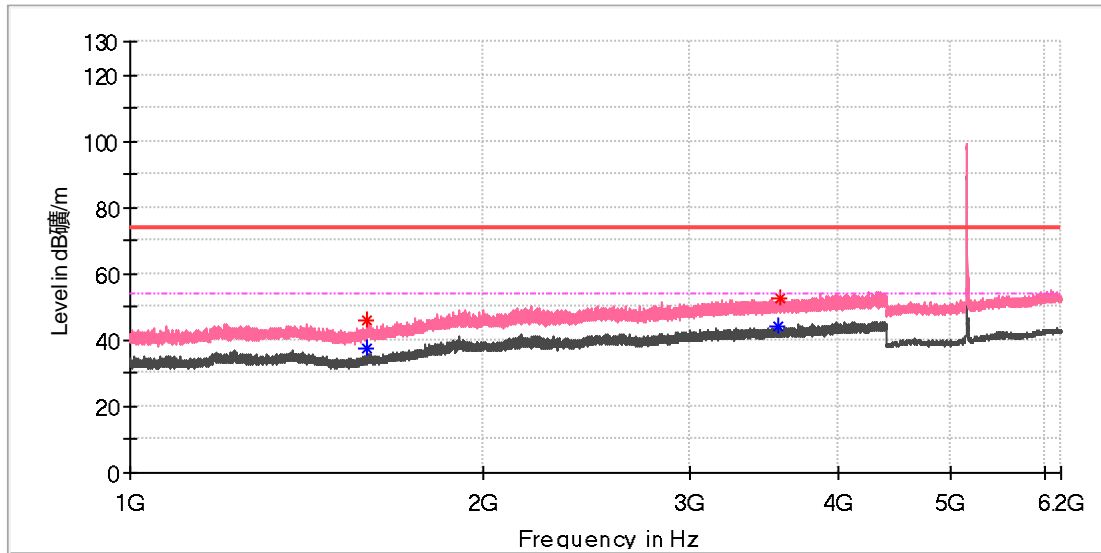
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.670000	---	39.02	54.00	14.98	150.0	H	94.0	1.1
1198.560000	47.89	---	74.00	26.11	150.0	H	198.0	1.1
2614.320000	49.50	---	74.00	24.50	150.0	H	359.0	7.4
2627.410000	---	41.99	54.00	12.01	150.0	H	312.0	7.5

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_10M_5157MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

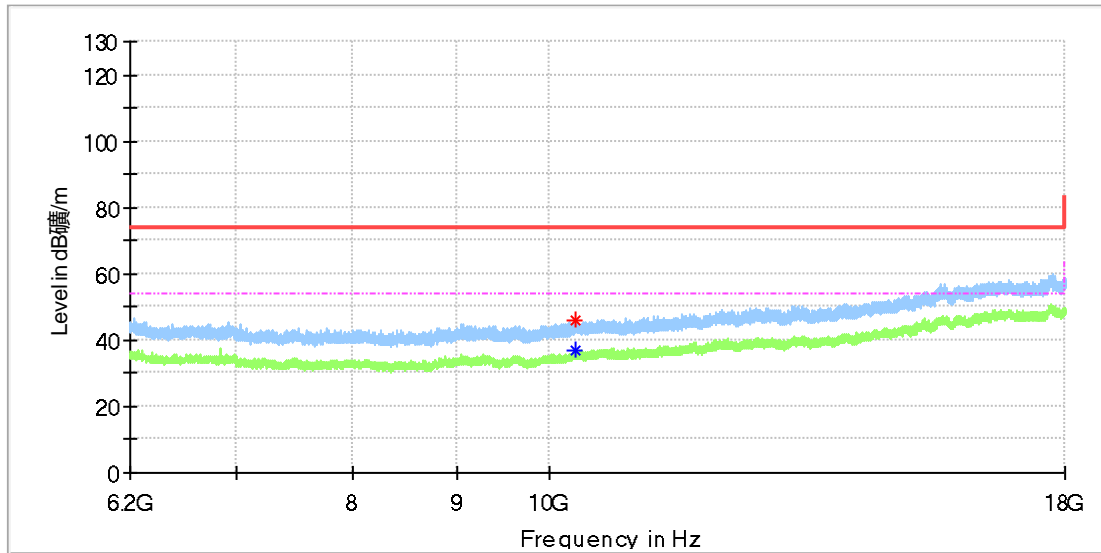
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1592.960000	45.87	---	74.00	28.13	150.0	V	98.0	2.0
1592.960000	---	37.77	54.00	16.23	150.0	V	98.0	2.0
3556.970000	---	44.23	54.00	9.77	150.0	V	76.0	9.2
3570.910000	52.31	---	74.00	21.69	150.0	V	354.0	9.2

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_10M_5157MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

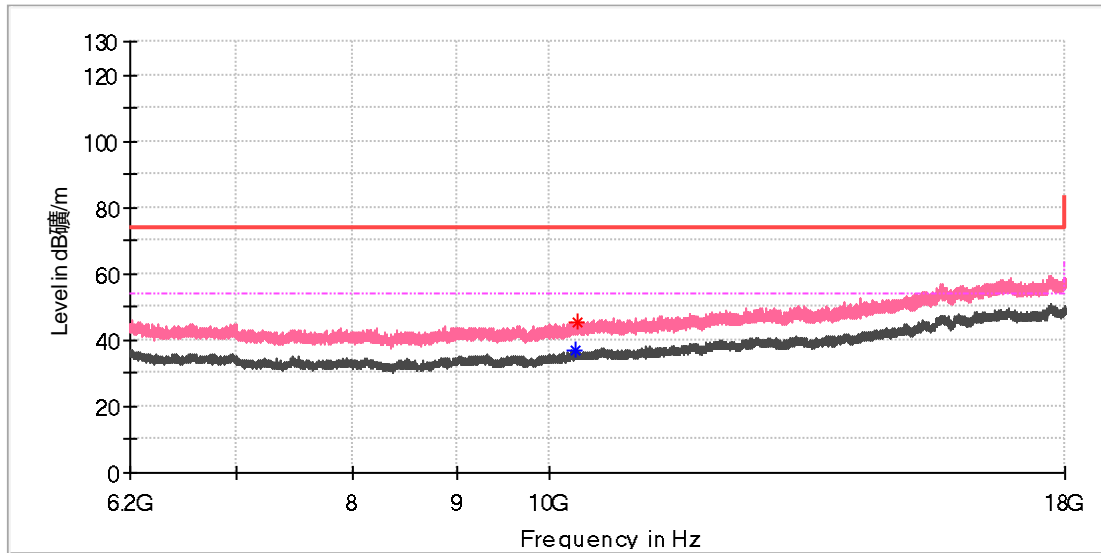
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10301.975000	46.09	---	74.00	27.91	150.0	H	146.0	11.6
10311.808333	---	36.81	54.00	17.19	150.0	H	323.0	11.6

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_10M_5157MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

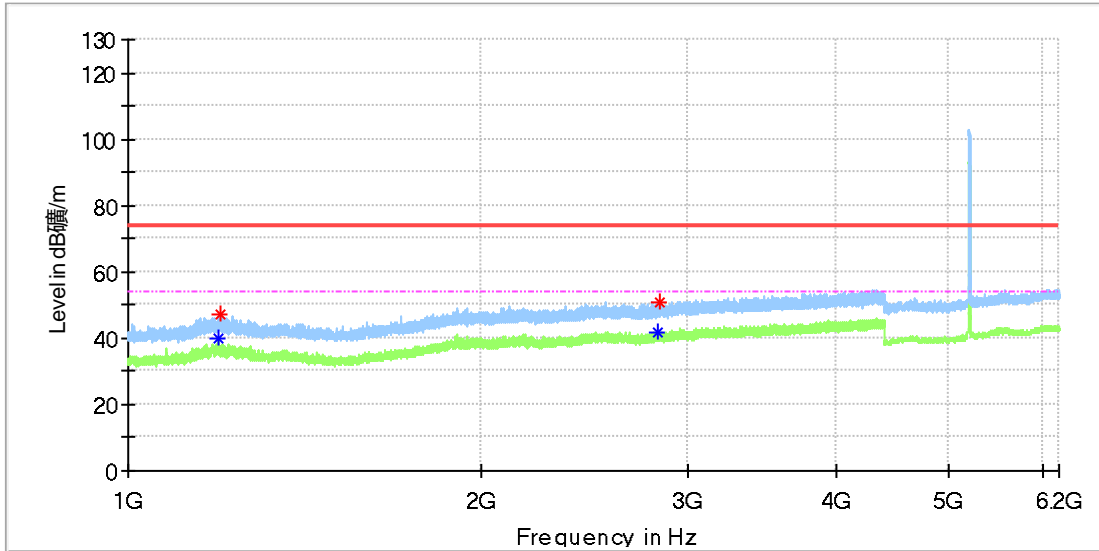
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10305.416667	---	36.82	54.00	17.18	150.0	V	5.0	11.6
10329.508333	45.65	---	74.00	28.35	150.0	V	70.0	11.7

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_10M_5201MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

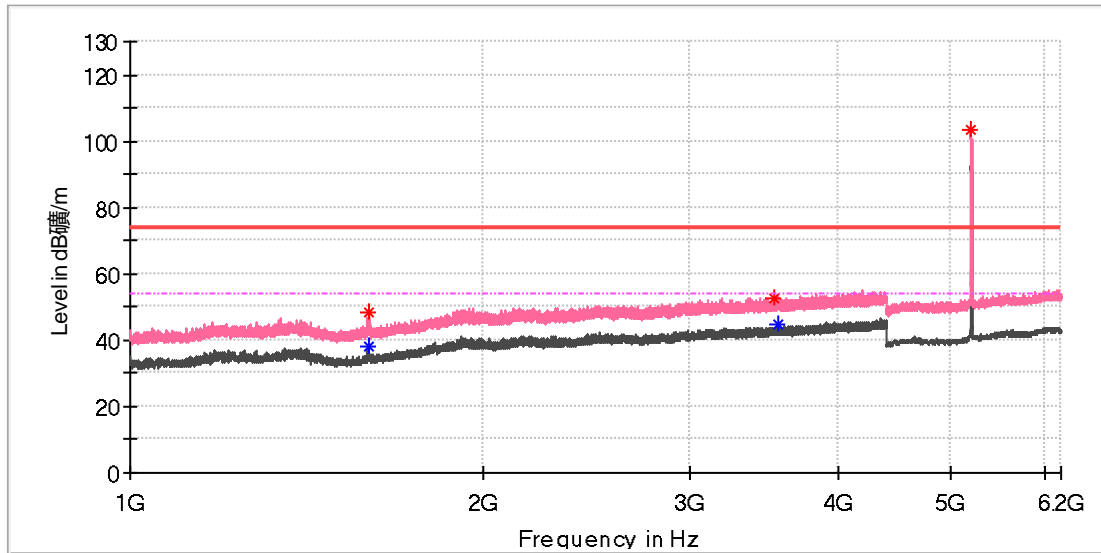
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1193.970000	---	39.97	54.00	14.03	150.0	H	149.0	1.1
1197.710000	46.94	---	74.00	27.06	150.0	H	209.0	1.1
2828.520000	---	41.91	54.00	12.09	150.0	H	159.0	8.1
2832.430000	50.64	---	74.00	23.36	150.0	H	229.0	8.1

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_10M_5201MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

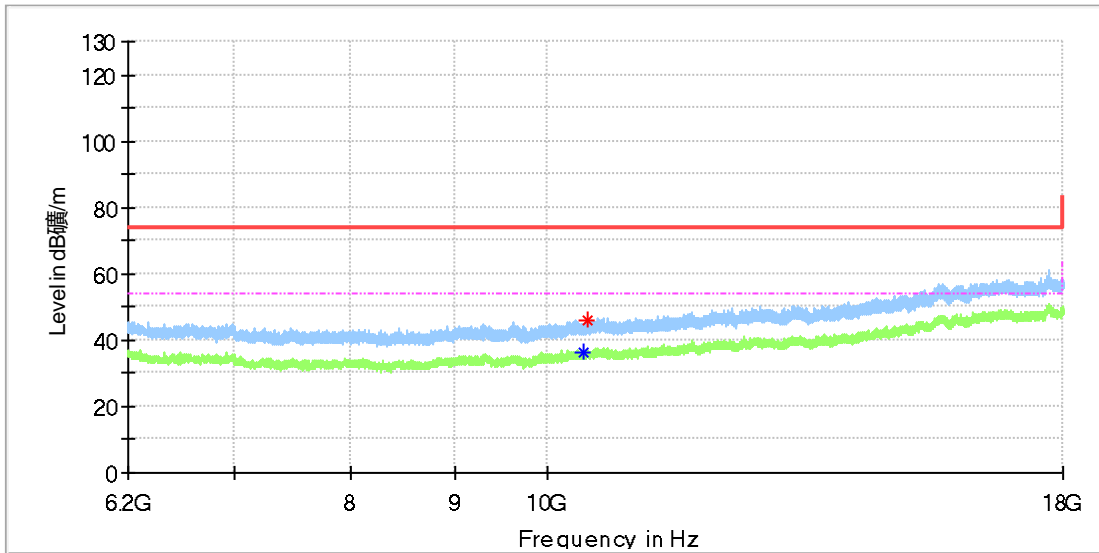
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1597.720000	---	38.08	54.00	15.92	150.0	V	279.0	2.1
1599.760000	48.09	---	74.00	25.91	150.0	V	249.0	2.1
3533.510000	52.83	---	74.00	21.17	100.0	V	248.0	9.1
3557.480000	---	44.45	54.00	9.55	100.0	V	113.0	9.2
5199.500000	103.18	---	---	---	150.0	V	92.0	12.6

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_10M_5201MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

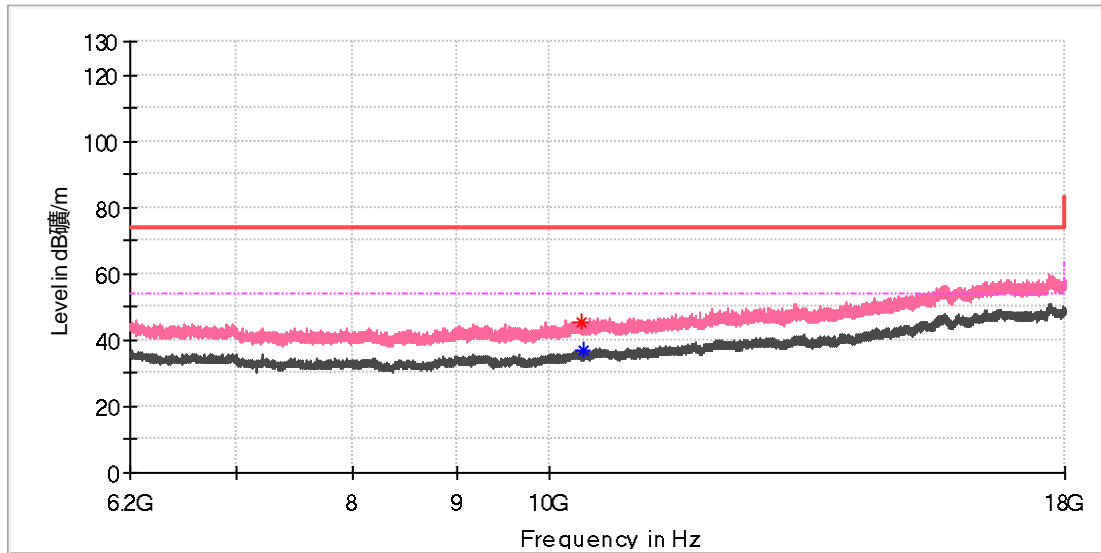
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10426.858333	---	36.50	54.00	17.50	150.0	H	305.0	11.9
10459.308333	45.82	---	74.00	28.18	150.0	H	319.0	12.0

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_10M_5201MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

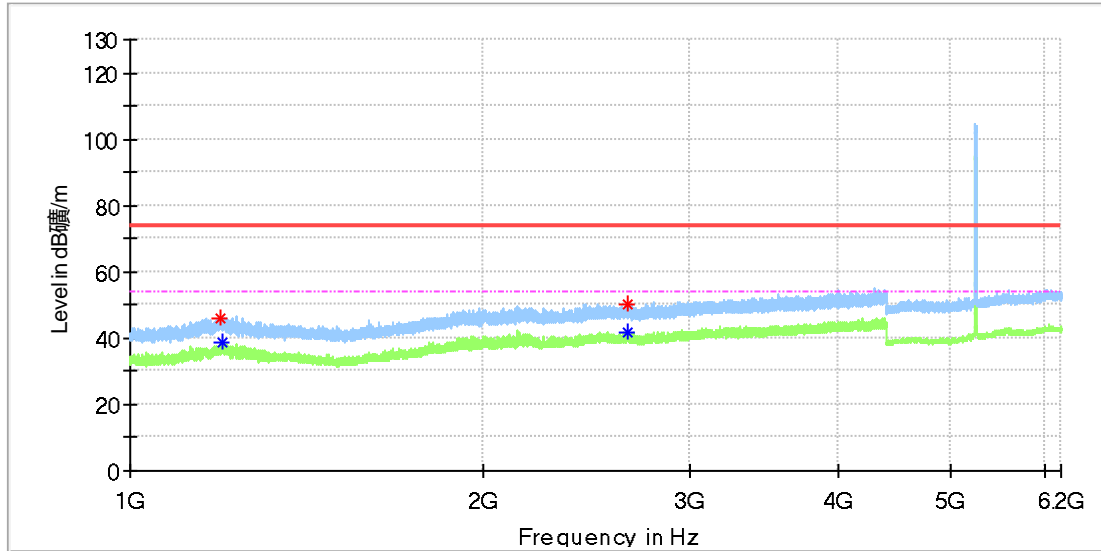
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10382.116667	45.64	---	74.00	28.36	150.0	V	162.0	11.9
10401.291667	---	36.73	54.00	17.27	150.0	V	239.0	11.9

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_10M_5245MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

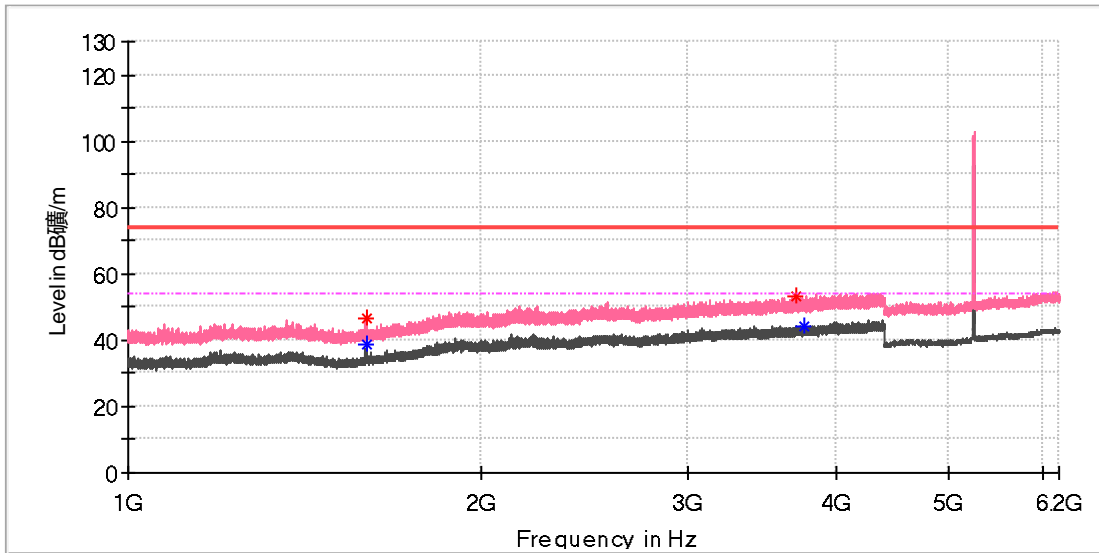
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1194.990000	46.22	---	74.00	27.78	150.0	H	229.0	1.1
1196.180000	---	38.64	54.00	15.36	150.0	H	178.0	1.1
2648.660000	---	41.92	54.00	12.08	150.0	H	52.0	7.6
2650.360000	50.11	---	74.00	23.89	150.0	H	120.0	7.6

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_10M_5245MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

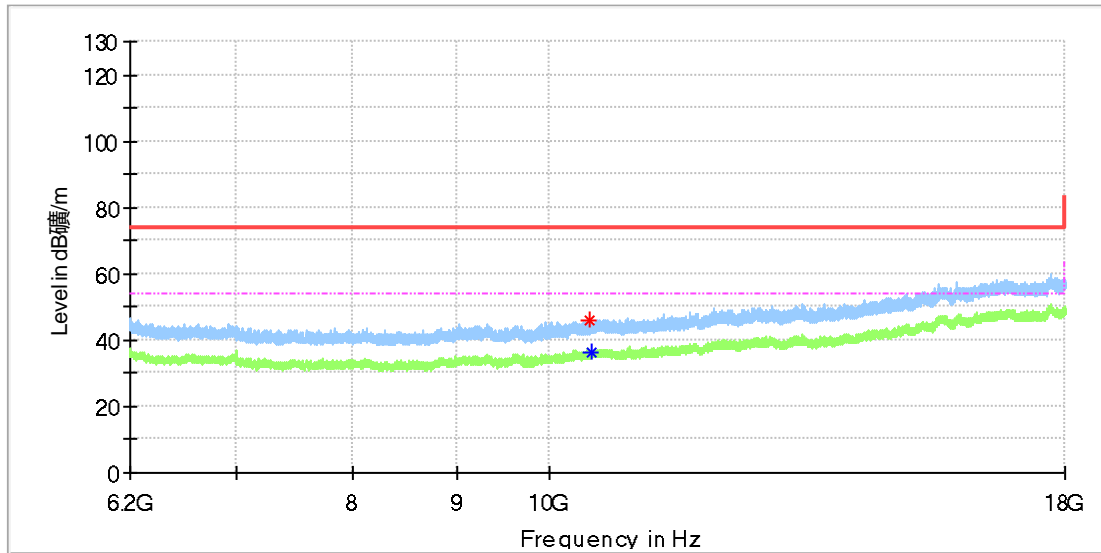
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1597.380000	46.63	---	74.00	27.37	150.0	V	273.0	2.1
1598.910000	---	38.99	54.00	15.01	150.0	V	284.0	2.1
3699.090000	53.23	---	74.00	20.77	150.0	V	284.0	9.6
3761.140000	---	44.04	54.00	9.96	150.0	V	0.0	9.7

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_10M_5245MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

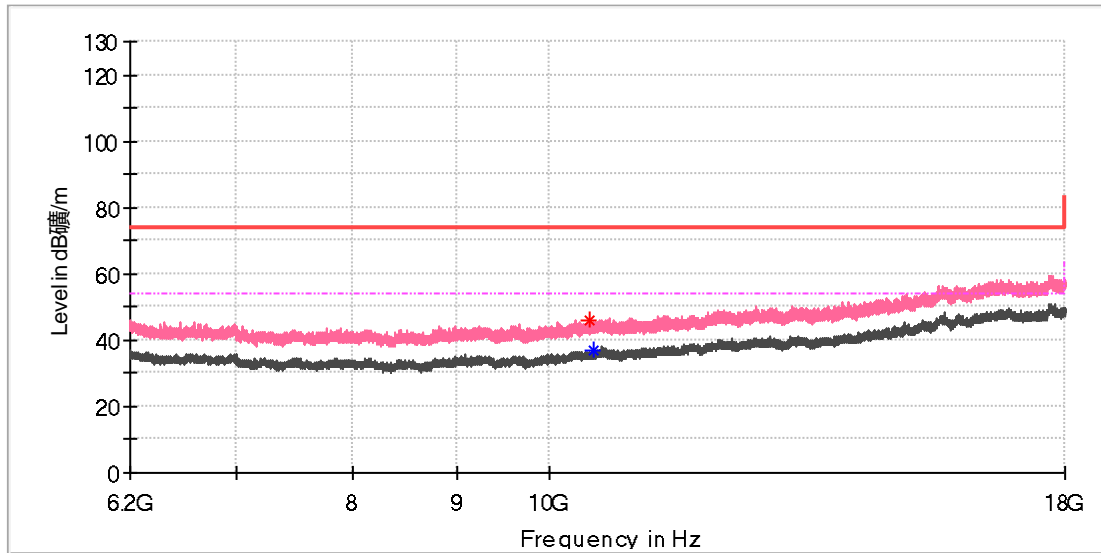
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10468.158333	46.04	---	74.00	27.96	150.0	H	214.0	12.0
10501.591667	---	36.50	54.00	17.50	150.0	H	246.0	12.0

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_10M_5245MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

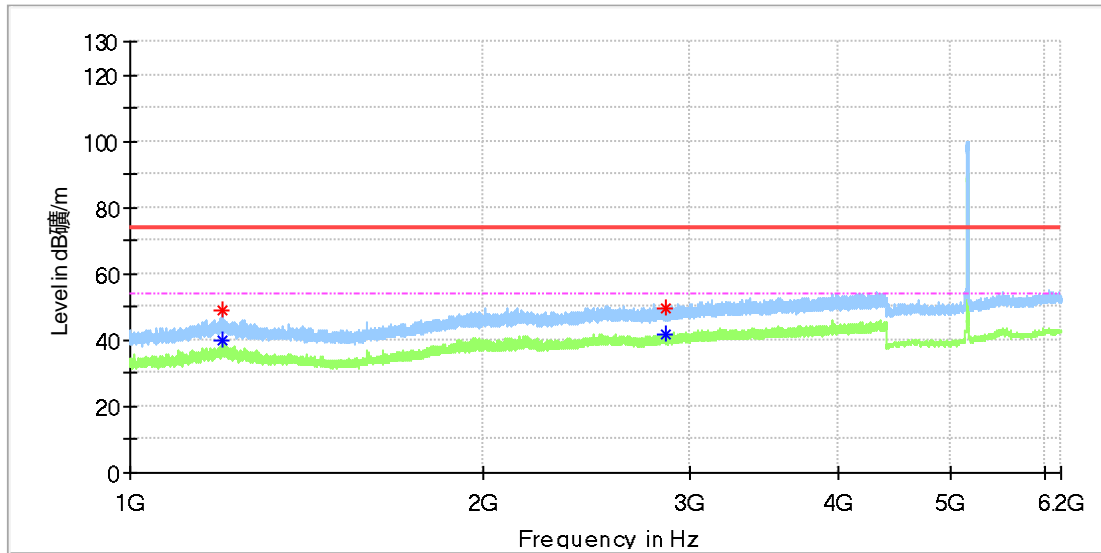
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10477.008333	46.05	---	74.00	27.96	150.0	V	2.0	12.0
10515.850000	---	36.84	54.00	17.16	150.0	V	0.0	12.0

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_20M_5161MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

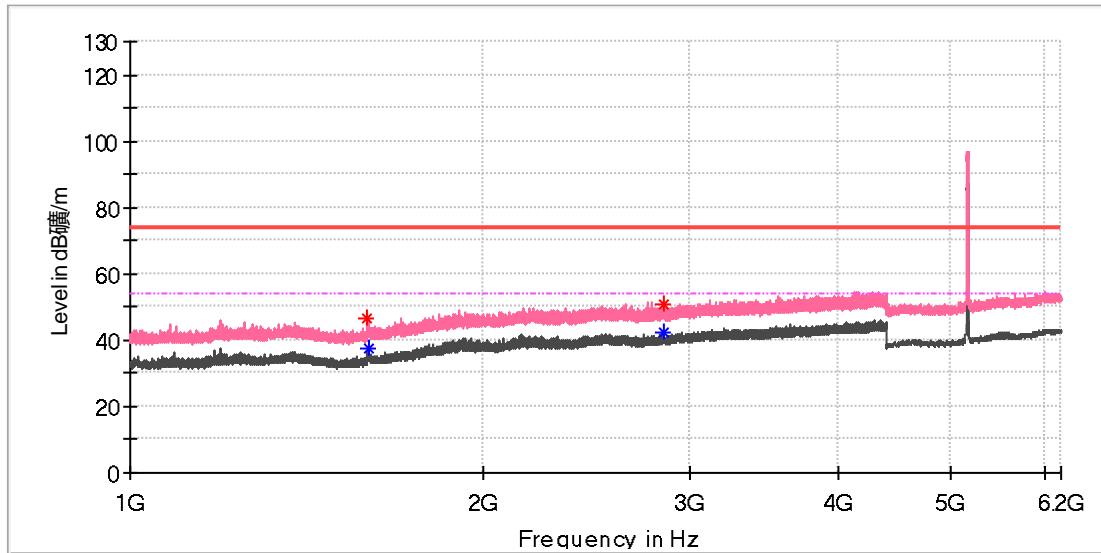
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1196.350000	48.91	---	74.00	25.09	150.0	H	238.0	1.1
1199.070000	---	40.01	54.00	13.99	150.0	H	229.0	1.1
2851.980000	---	41.42	54.00	12.58	150.0	H	229.0	8.1
2858.270000	49.85	---	74.00	24.15	150.0	H	311.0	8.2

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_20M_5161MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

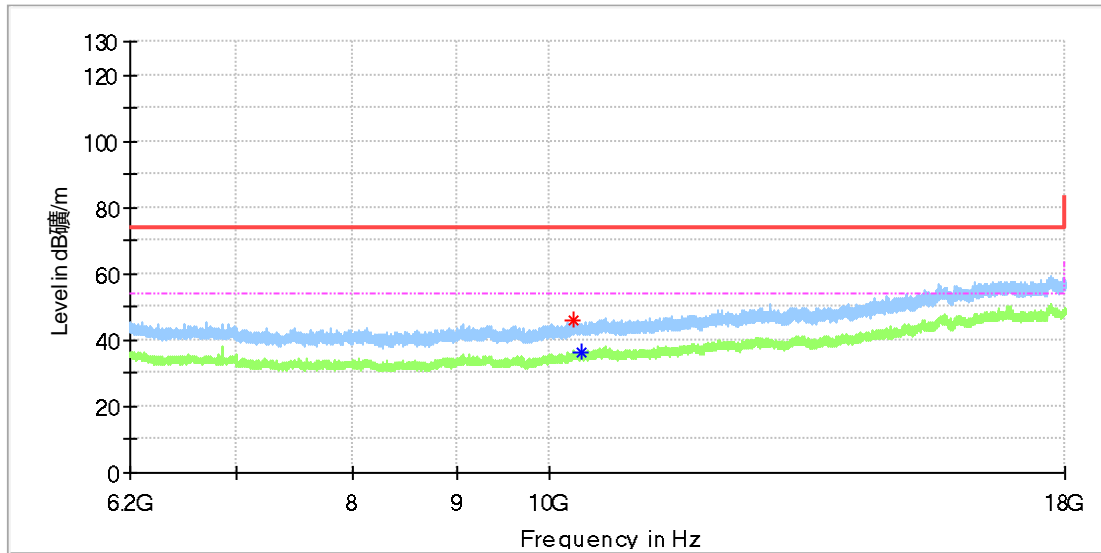
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1592.790000	46.55	---	74.00	27.45	150.0	V	265.0	2.0
1596.530000	---	37.39	54.00	16.61	150.0	V	265.0	2.1
2845.690000	50.64	---	74.00	23.36	150.0	V	265.0	8.1
2845.690000	---	42.17	54.00	11.83	150.0	V	265.0	8.1

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Matrice 30
Model:	M30 RTK
Test Mode:	SDR 5.2G_20M_5161MHz
Order No/Sample No:	168413415/A003459613-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

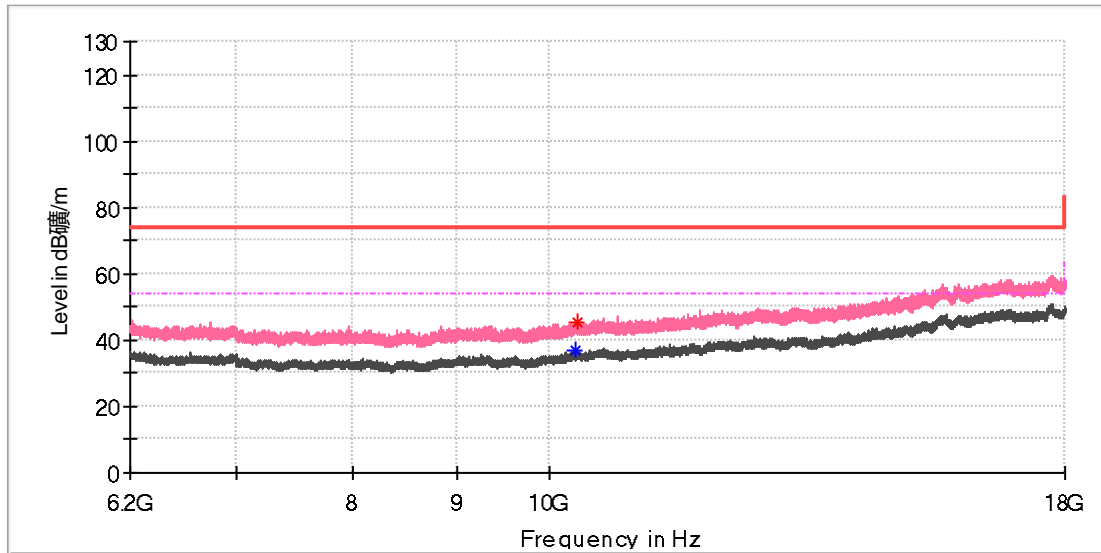
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10281.325000	45.72	---	74.00	28.28	150.0	H	24.0	11.5
10370.316667	---	36.14	54.00	17.86	150.0	H	222.0	11.8

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_20M_5161MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

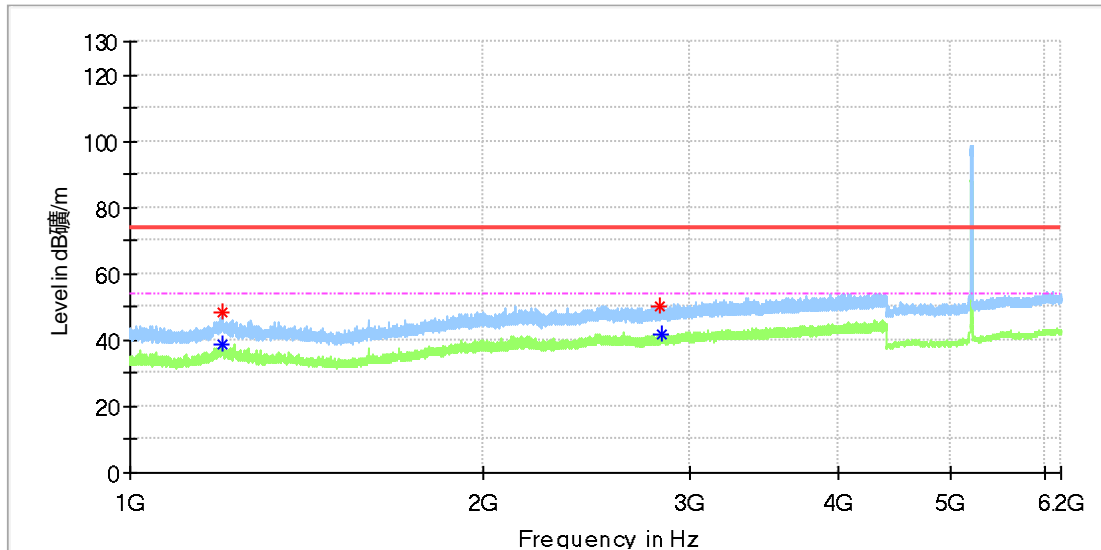
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10303.450000	---	36.78	54.00	17.22	150.0	V	0.0	11.6
10335.900000	45.23	---	74.00	28.77	150.0	V	262.0	11.7

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_20M_5200MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

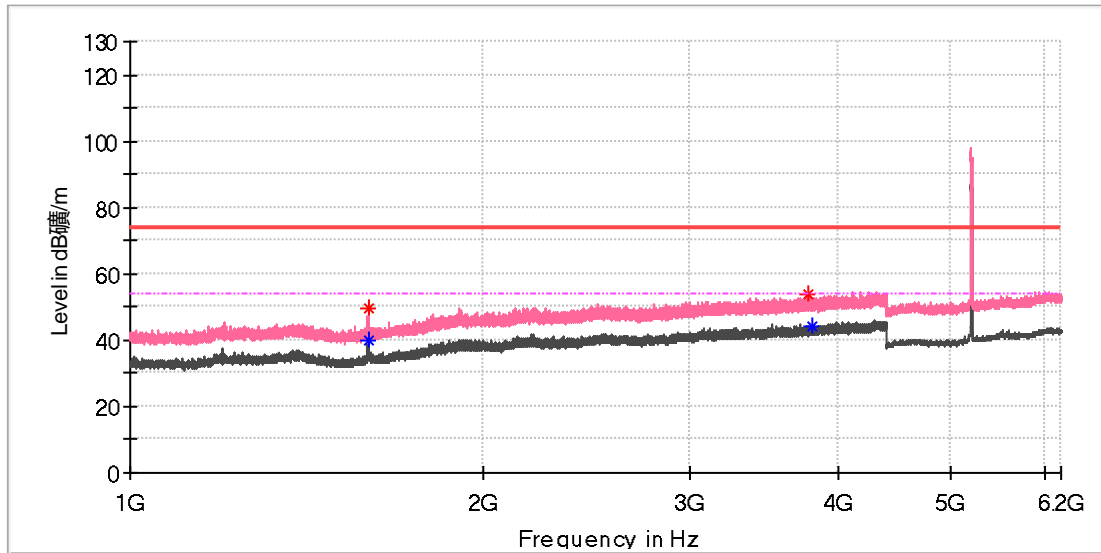
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1196.860000	48.26	---	74.00	25.74	150.0	H	216.0	1.1
1197.370000	---	38.94	54.00	15.06	150.0	H	186.0	1.1
2821.890000	50.42	---	74.00	23.58	150.0	H	332.0	8.1
2831.580000	---	41.98	54.00	12.02	150.0	H	227.0	8.1

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_20M_5200MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

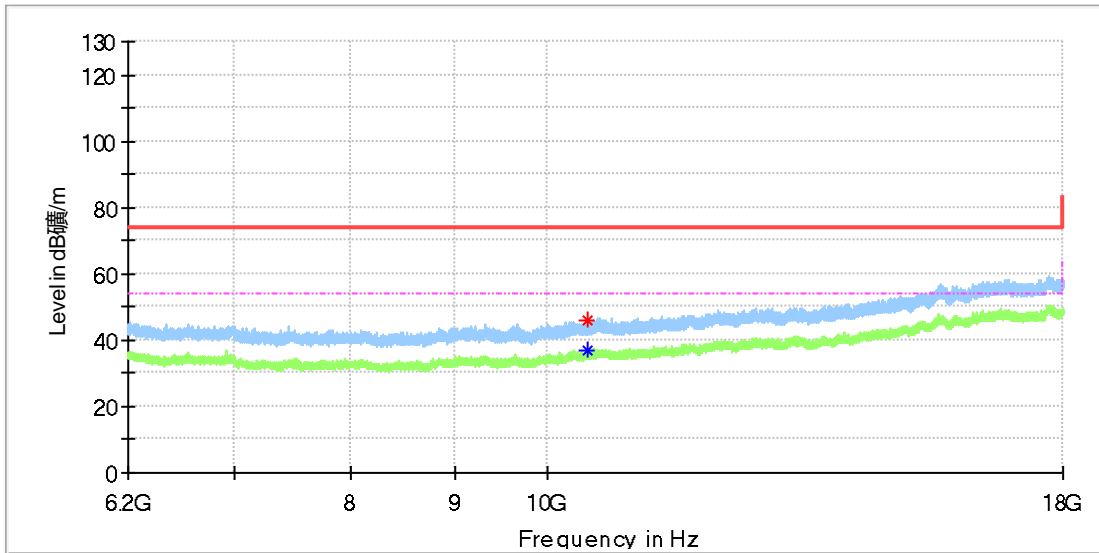
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1596.020000	49.65	---	74.00	24.35	150.0	V	252.0	2.0
1599.080000	---	39.69	54.00	14.31	150.0	V	243.0	2.1
3776.440000	53.67	---	74.00	20.33	150.0	V	345.0	9.7
3801.770000	---	44.43	54.00	9.57	150.0	V	135.0	9.8

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_20M_5200MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

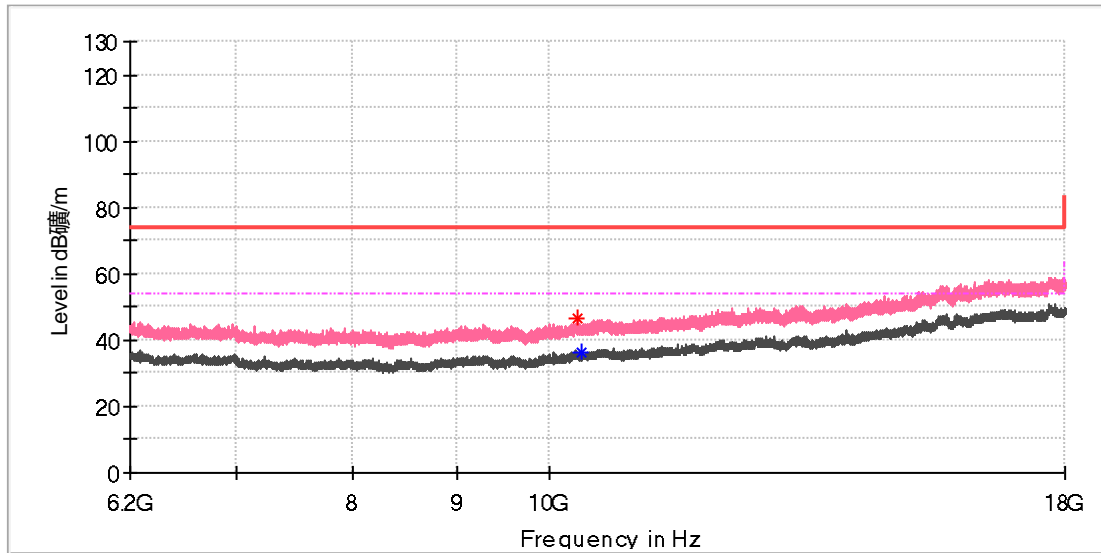
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10457.833333	---	36.68	54.00	17.32	150.0	H	305.0	12.0
10464.225000	45.66	---	74.00	28.34	150.0	H	71.0	12.0

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_20M_5200MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

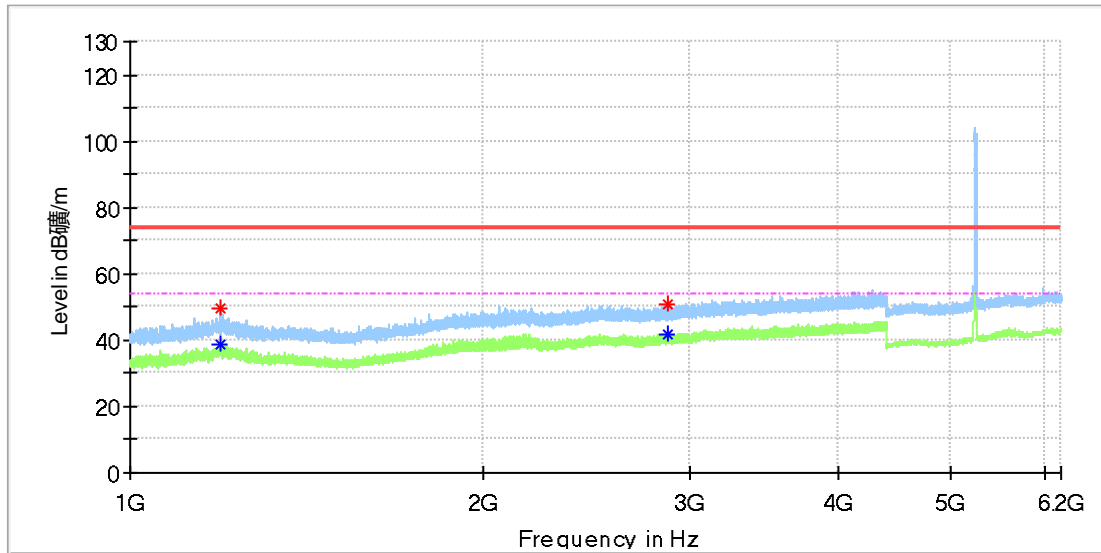
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10316.725000	46.37	---	74.00	27.63	150.0	V	75.0	11.7
10381.625000	---	36.09	54.00	17.91	150.0	V	347.0	11.9

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_20M_5240MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

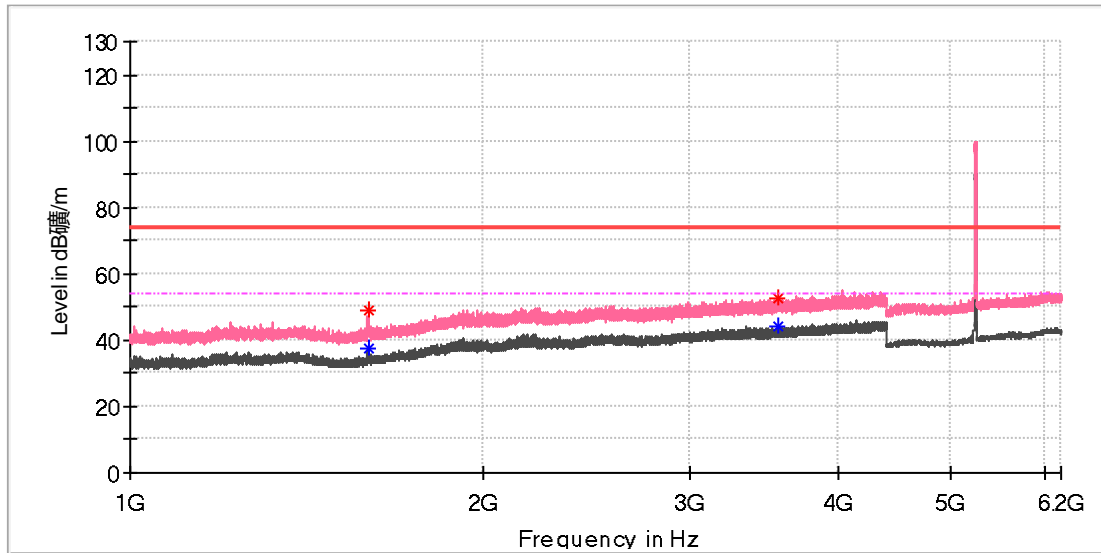
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.160000	49.50	---	74.00	24.50	150.0	H	235.0	1.1
1195.160000	---	38.42	54.00	15.58	150.0	H	235.0	1.1
2864.900000	---	42.02	54.00	11.98	150.0	H	131.0	8.2
2866.430000	50.53	---	74.00	23.47	150.0	H	0.0	8.2

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_20M_5240MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

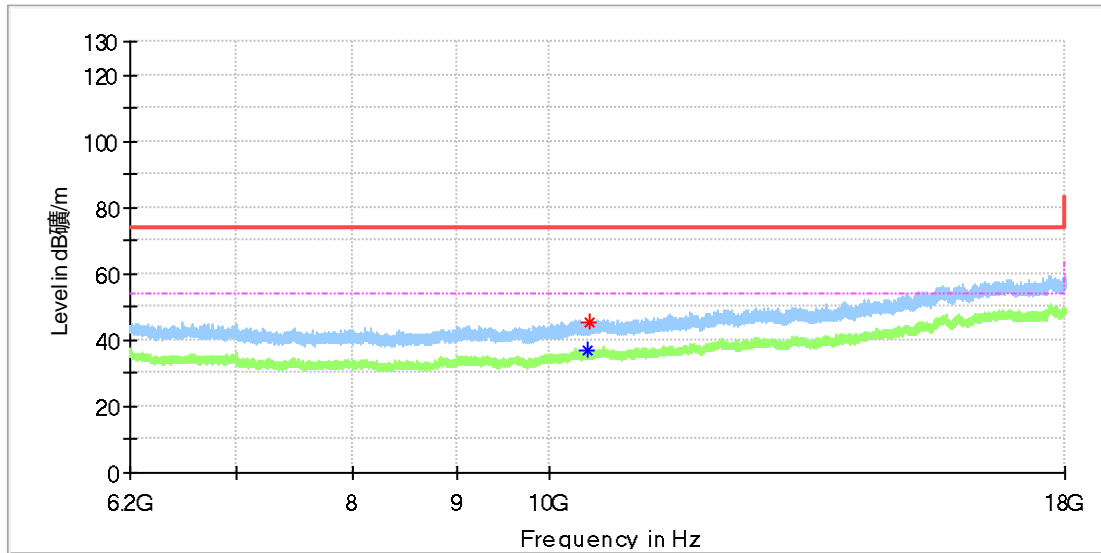
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1595.680000	48.82	---	74.00	25.18	150.0	V	284.0	2.0
1599.590000	---	37.76	54.00	16.24	150.0	V	284.0	2.1
3556.970000	52.44	---	74.00	21.56	150.0	V	182.0	9.2
3562.410000	---	44.39	54.00	9.61	150.0	V	17.0	9.2

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_20M_5240MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

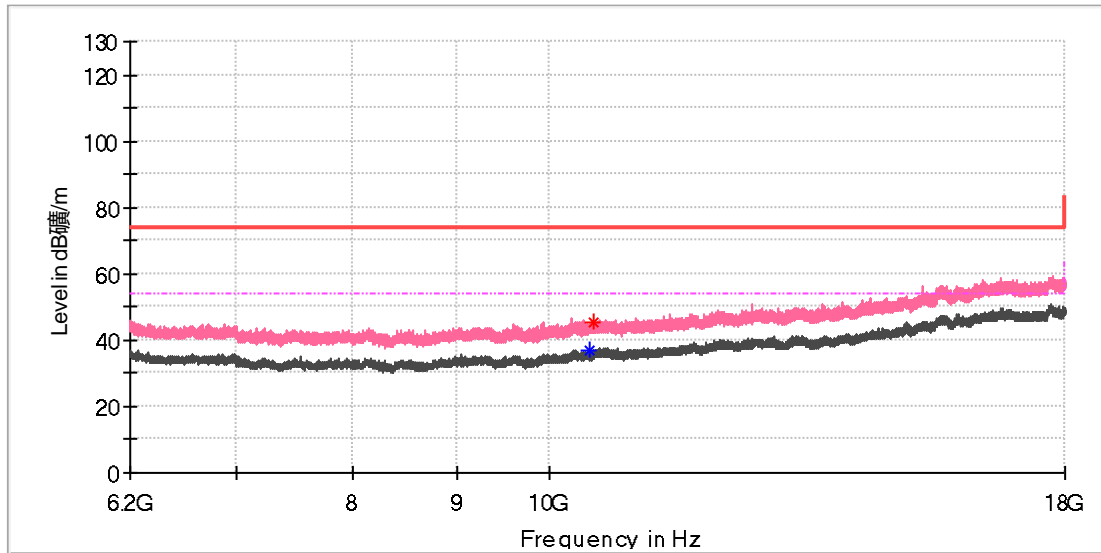
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10445.541667	---	36.96	54.00	17.04	150.0	H	87.0	11.9
10476.025000	45.46	---	74.00	28.54	150.0	H	72.0	12.0

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_20M_5240MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

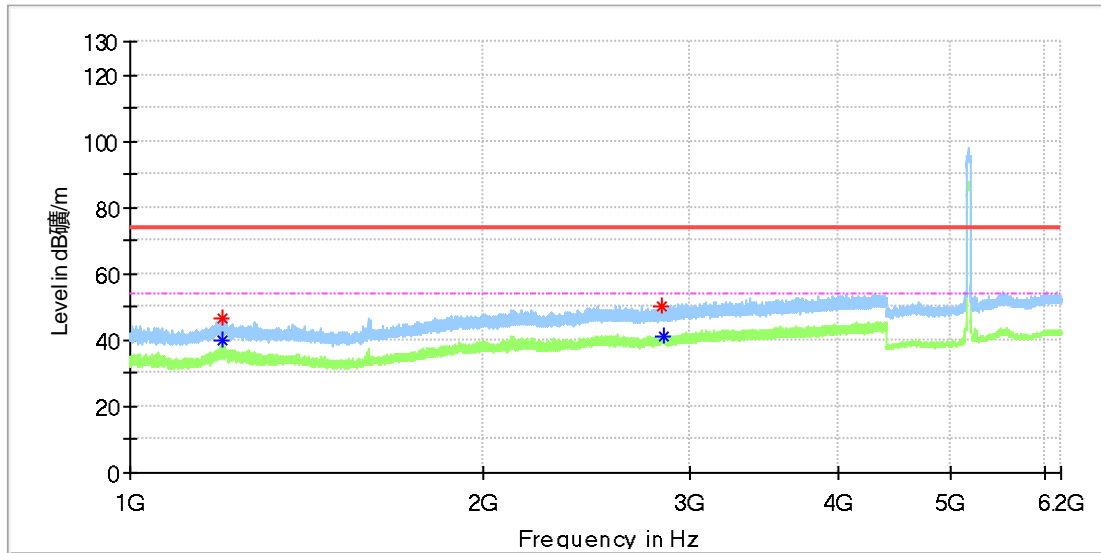
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10457.341667	---	36.61	54.00	17.39	150.0	V	0.0	12.0
10507.983333	45.55	---	74.00	28.45	150.0	V	221.0	12.0

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_40M_5170MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

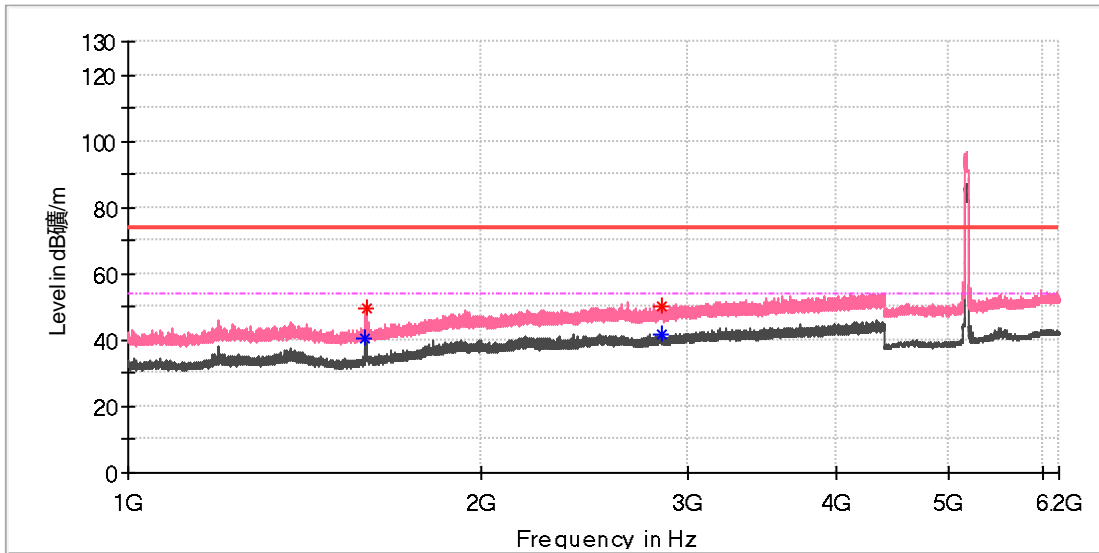
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.410000	46.84	---	74.00	27.16	150.0	H	186.0	1.1
1199.410000	---	39.82	54.00	14.18	150.0	H	186.0	1.1
2833.110000	50.20	---	74.00	23.80	150.0	H	220.0	8.1
2845.520000	---	41.25	54.00	12.75	150.0	H	231.0	8.1

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_40M_5170MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

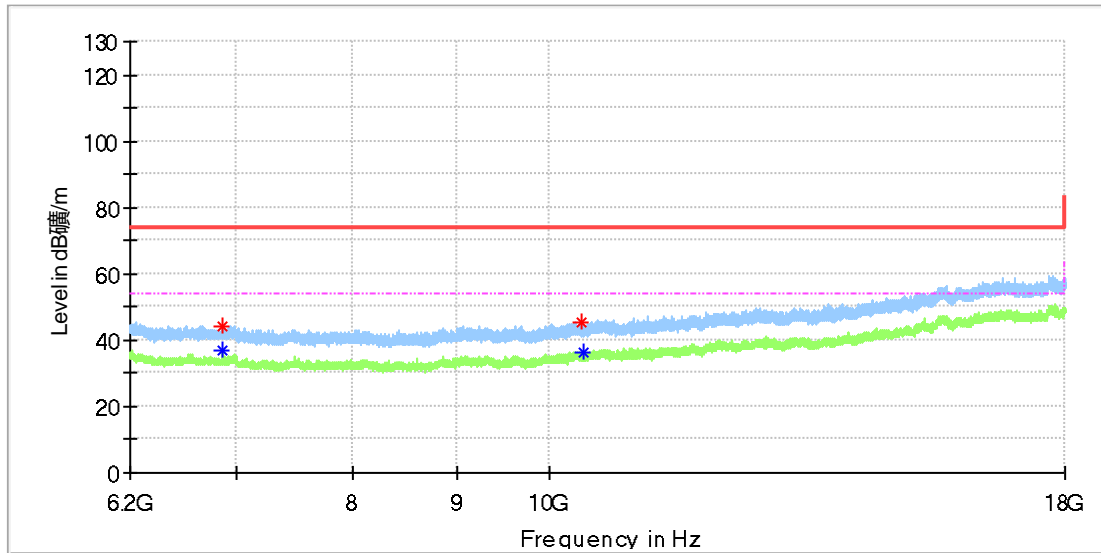
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1593.470000	---	40.43	54.00	13.57	150.0	V	271.0	2.0
1595.510000	49.34	---	74.00	24.66	150.0	V	271.0	2.0
2846.200000	---	41.45	54.00	12.55	150.0	V	231.0	8.1
2848.240000	50.43	---	74.00	23.57	150.0	V	358.0	8.1

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_40M_5170MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

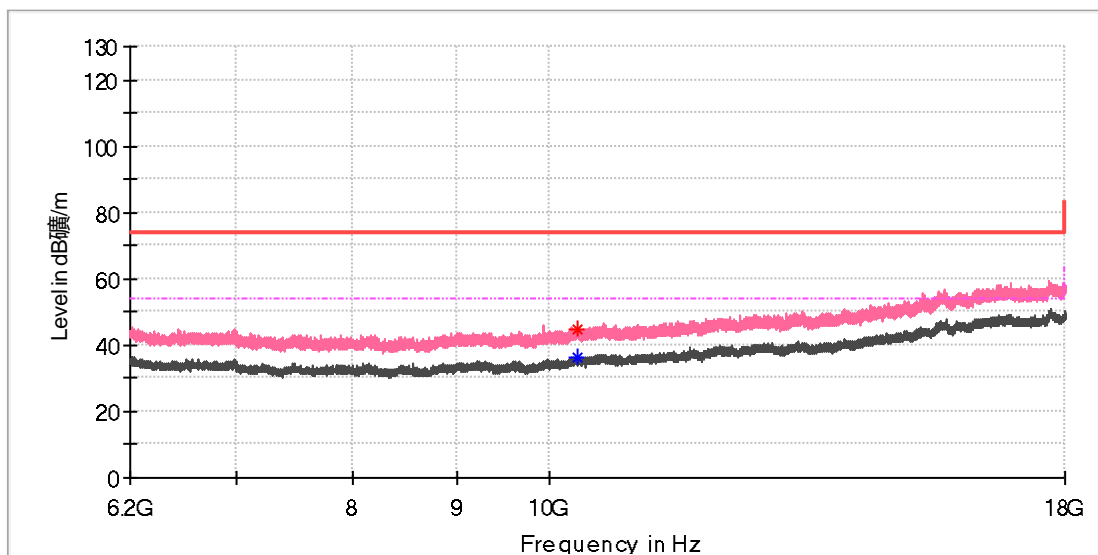
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6885.383333	43.88	---	74.00	30.12	150.0	H	89.0	8.6
6893.250000	---	37.14	54.00	16.86	150.0	H	351.0	8.6
10382.608333	45.09	---	74.00	28.92	150.0	H	337.0	11.9
10391.458333	---	36.47	54.00	17.53	150.0	H	351.0	11.9

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_40M_5170MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

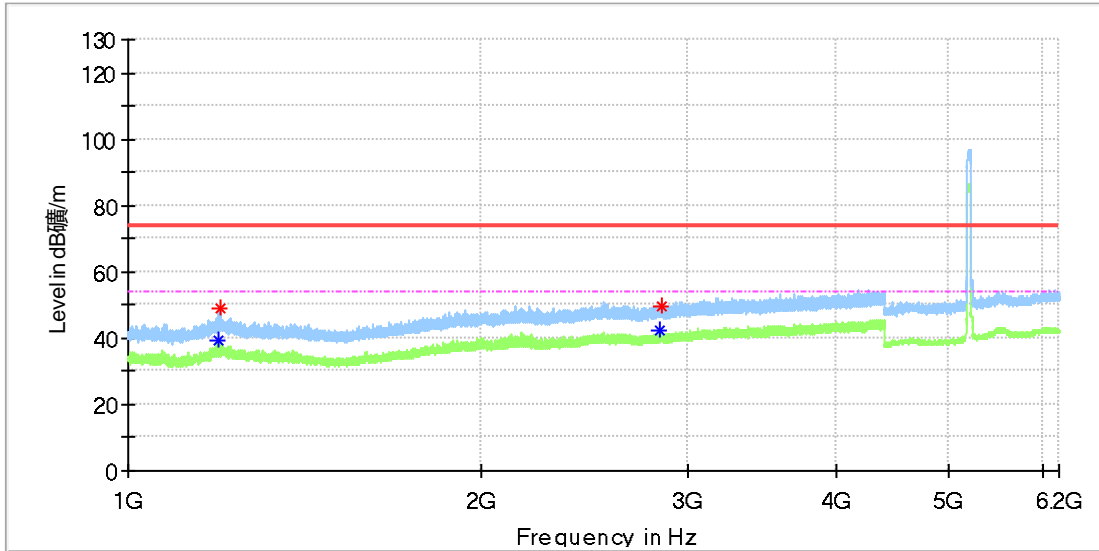
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10318.200000	44.92	---	74.00	29.08	150.0	V	102.0	11.7
10324.100000	---	36.15	54.00	17.85	150.0	V	132.0	11.7

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_40M_5200MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

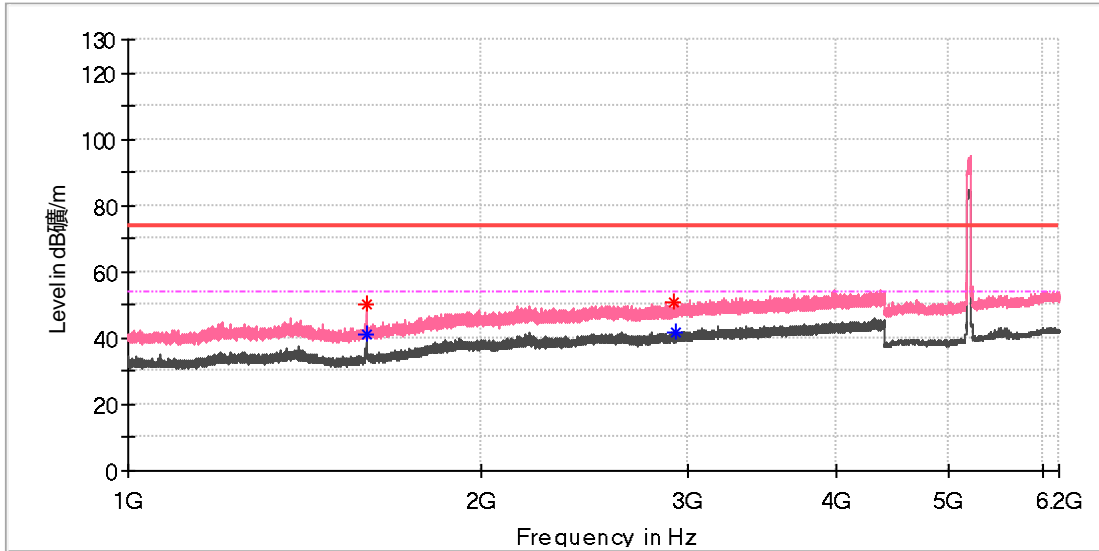
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.330000	---	39.25	54.00	14.75	150.0	H	192.0	1.1
1199.070000	49.13	---	74.00	24.87	150.0	H	231.0	1.1
2839.740000	---	42.18	54.00	11.82	150.0	H	300.0	8.1
2850.110000	49.62	---	74.00	24.38	150.0	H	250.0	8.1

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_40M_5200MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

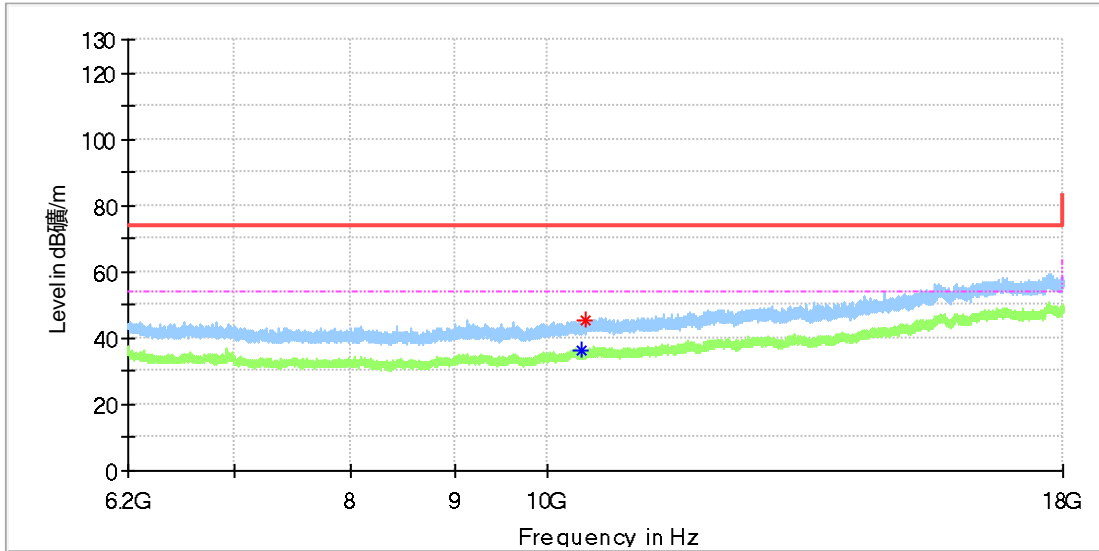
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1594.150000	---	41.02	54.00	12.98	150.0	V	273.0	2.0
1595.850000	50.01	---	74.00	23.99	150.0	V	273.0	2.0
2914.880000	50.94	---	74.00	23.06	150.0	V	134.0	8.3
2930.180000	---	41.81	54.00	12.19	150.0	V	154.0	8.4

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_40M_5200MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

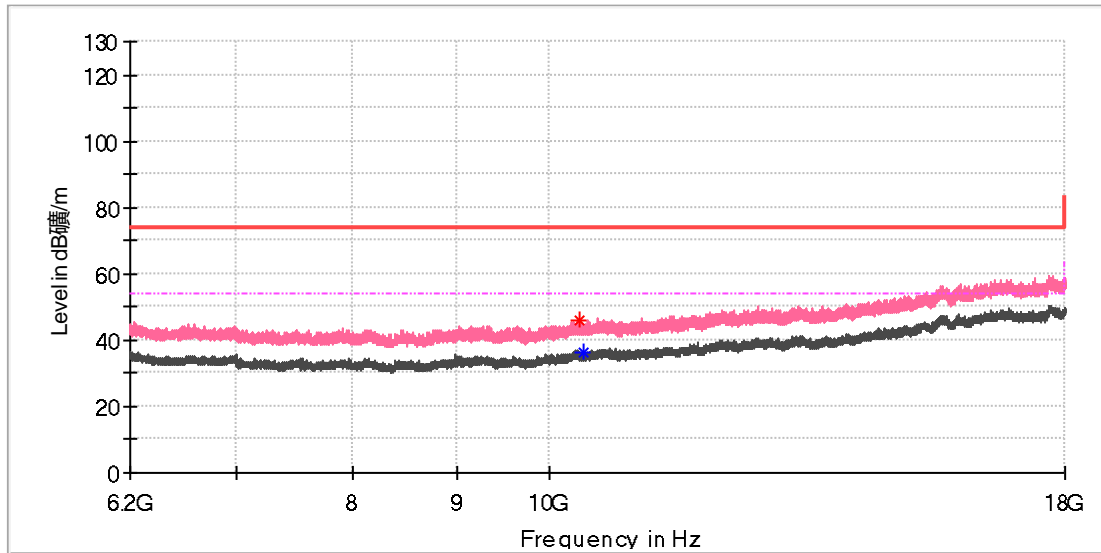
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10399.325000	---	36.41	54.00	17.59	150.0	H	333.0	11.9
10438.658333	45.30	---	74.00	28.70	150.0	H	16.0	11.9

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_40M_5200MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

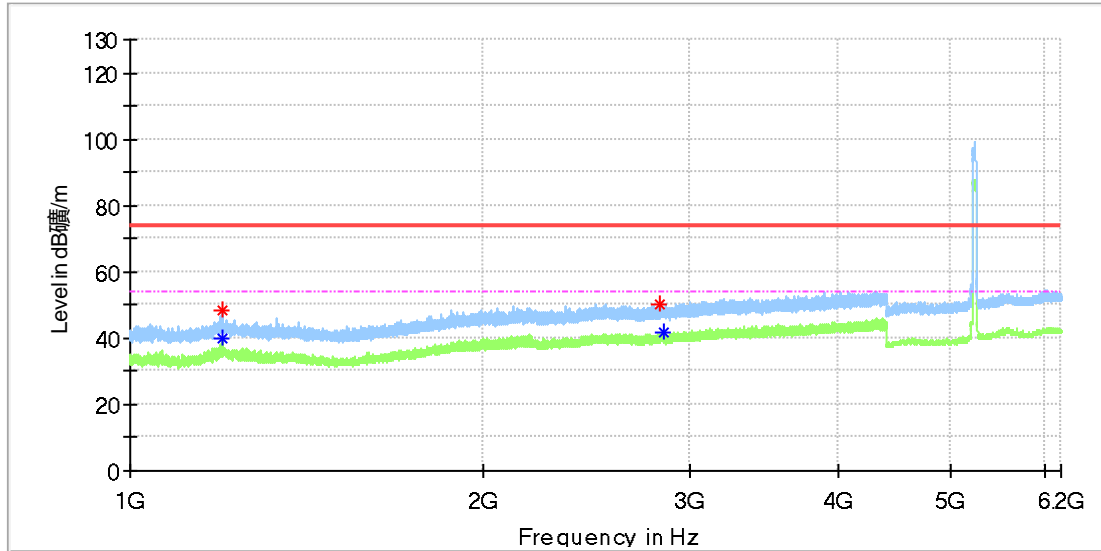
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10346.716667	45.75	---	74.00	28.25	150.0	V	0.0	11.8
10402.275000	---	36.23	54.00	17.77	150.0	V	86.0	11.9

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_40M_5230MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

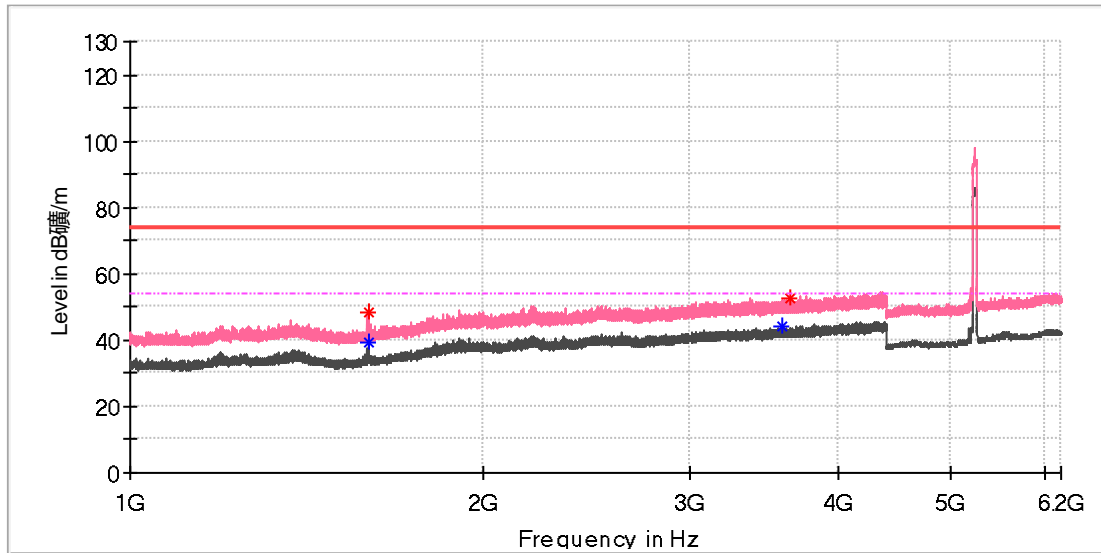
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1197.200000	48.41	---	74.00	25.59	150.0	H	206.0	1.1
1197.710000	---	40.00	54.00	14.00	150.0	H	184.0	1.1
2822.910000	49.89	---	74.00	24.11	150.0	H	355.0	8.1
2844.670000	---	41.71	54.00	12.29	150.0	H	134.0	8.1

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_40M_5230MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

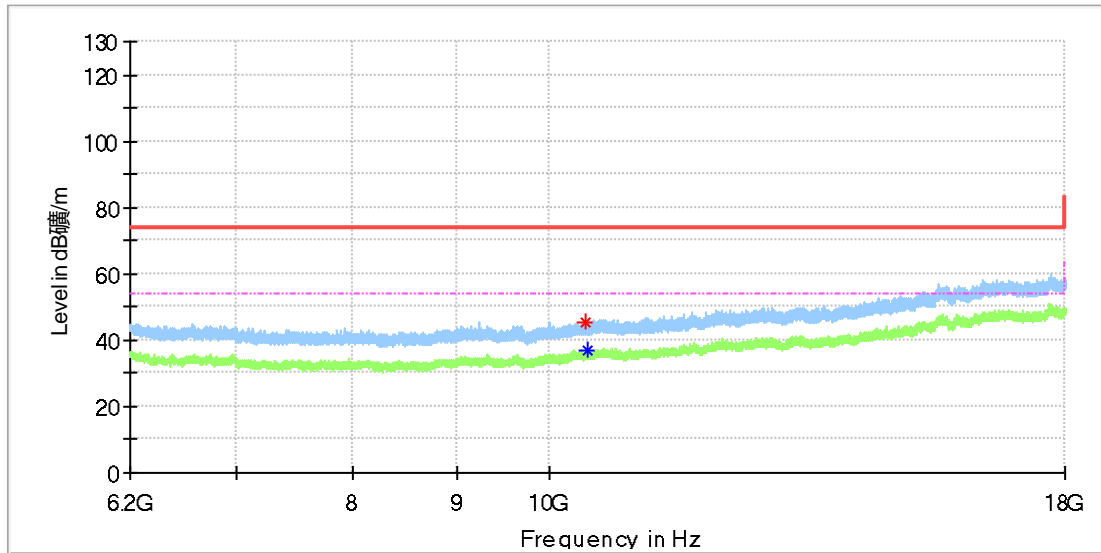
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1593.810000	---	39.26	54.00	14.74	150.0	V	305.0	2.0
1599.590000	48.10	---	74.00	25.90	150.0	V	305.0	2.1
3588.760000	---	44.17	54.00	9.83	150.0	V	124.0	9.3
3640.950000	52.39	---	74.00	21.61	150.0	V	145.0	9.4

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_40M_5230MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

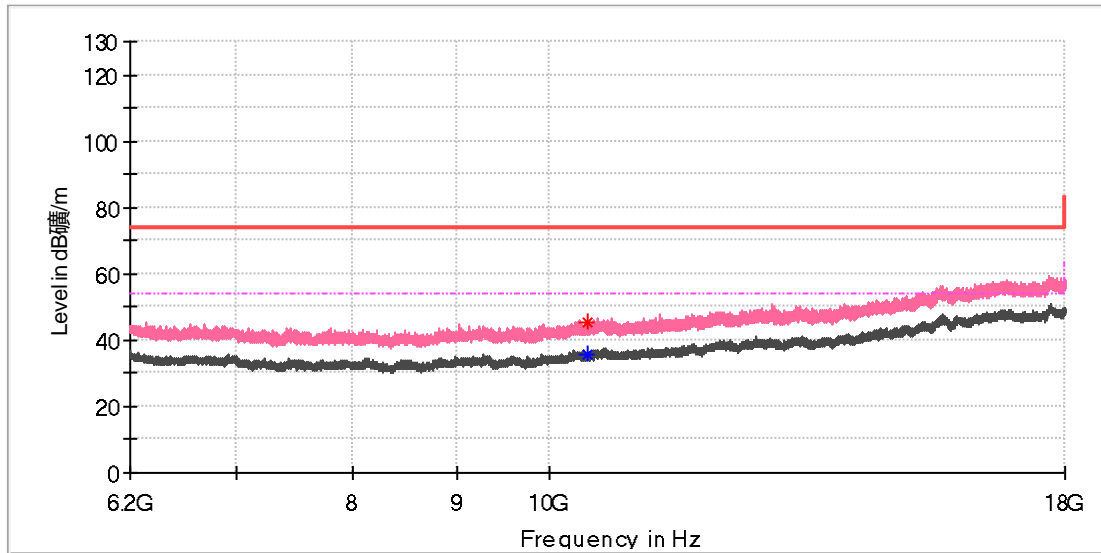
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10431.775000	45.40	---	74.00	28.60	150.0	H	0.0	11.9
10445.050000	---	36.67	54.00	17.33	150.0	H	238.0	11.9

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_40M_5230MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10437.675000	---	35.90	54.00	18.10	150.0	V	116.0	11.9
10440.133333	45.47	---	74.00	28.53	150.0	V	209.0	11.9

Final Result

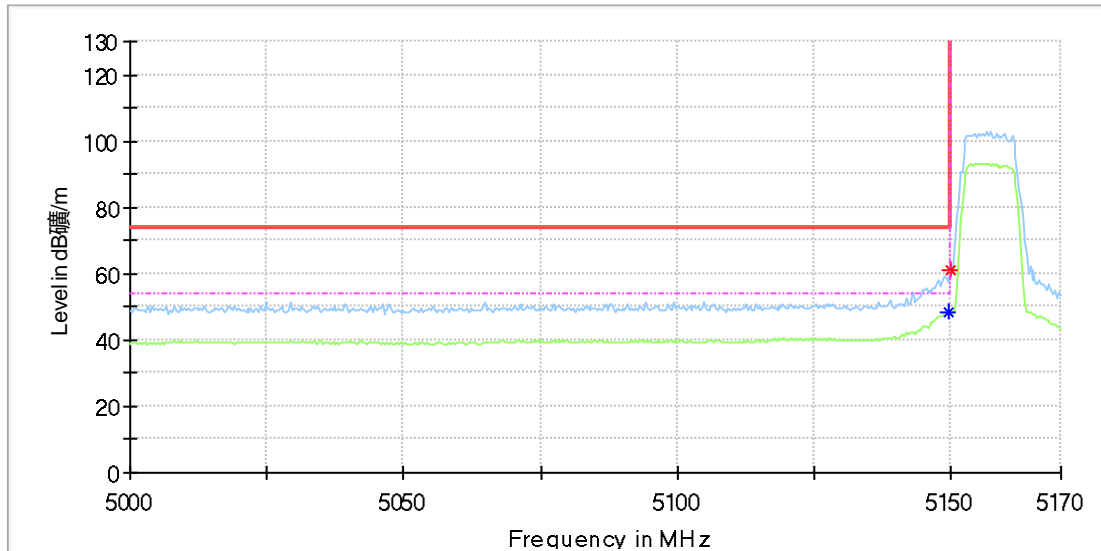
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Appendix A.5: Test Results of Radiated Emissions in Restricted Bands

5.2GHz SDR, 10MHz BW

EUT Information

EUT Name:	Matrice 30
Model:	M30 RTK
Test Mode:	SDR 5.2G_10M_5157MHz
Order No/Sample No:	168413415/A003459613-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

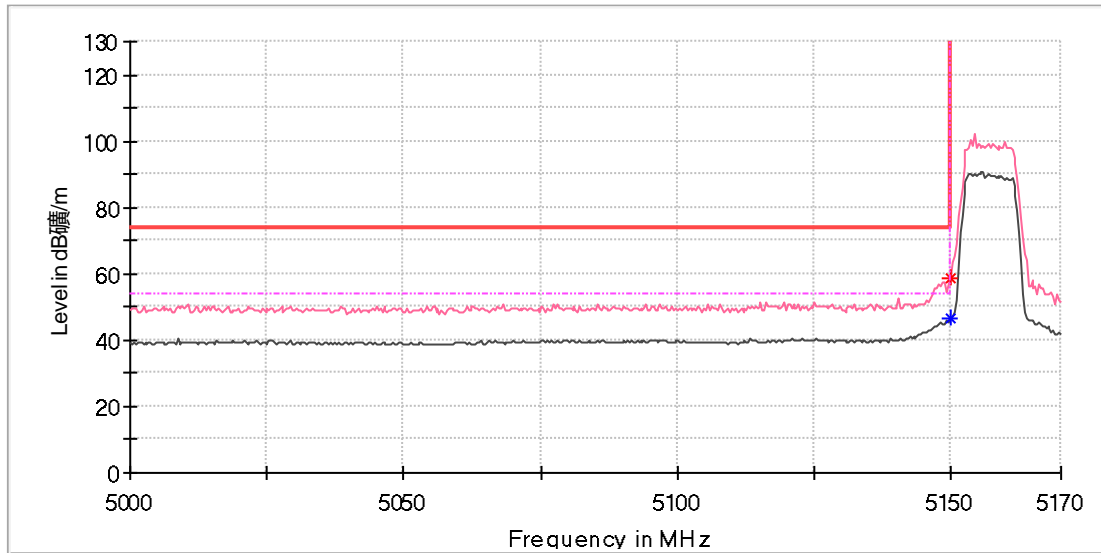
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.300000	---	48.25	54.00	5.75	150.0	H	37.0	12.4
5149.955556	61.10	---	74.00	12.90	150.0	H	32.0	12.4

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_10M_5157MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

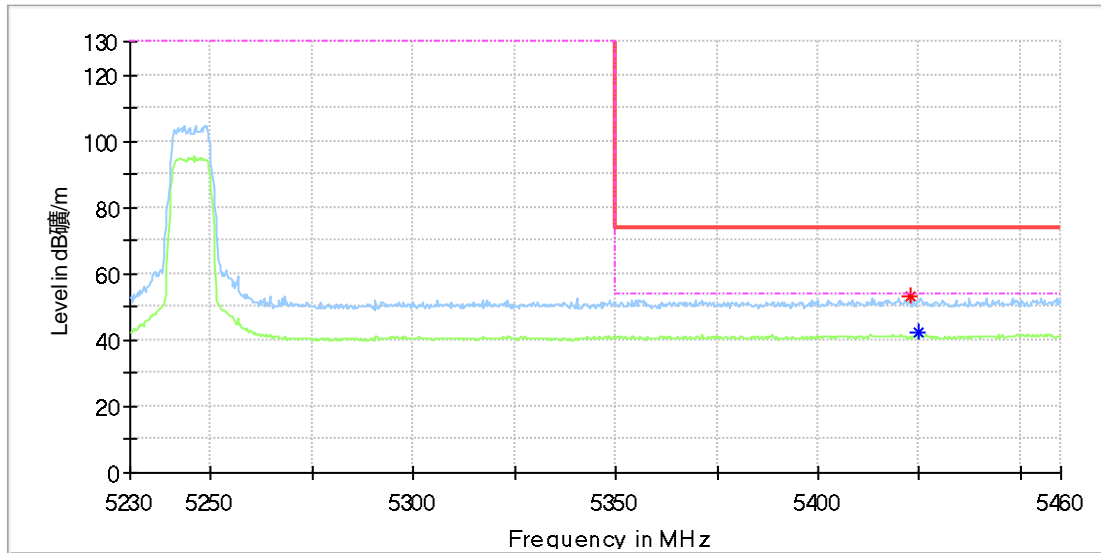
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.955556	---	46.72	54.00	7.28	150.0	V	93.0	12.4
5149.955556	58.57	---	74.00	15.43	150.0	V	93.0	12.4

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_10M_5245MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

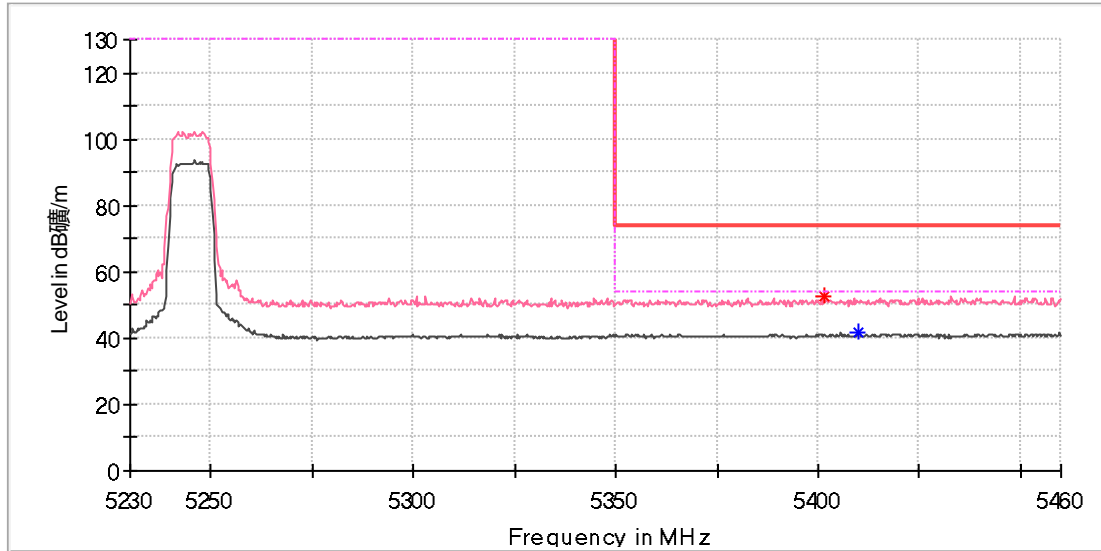
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5422.605556	53.18	---	74.00	20.82	150.0	H	159.0	13.5
5424.961111	---	42.08	54.00	11.92	150.0	H	319.0	13.5

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_10M_5245MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5401.405556	52.49	---	74.00	21.51	150.0	V	72.0	13.5
5409.944444	---	41.42	54.00	12.58	150.0	V	157.0	13.5

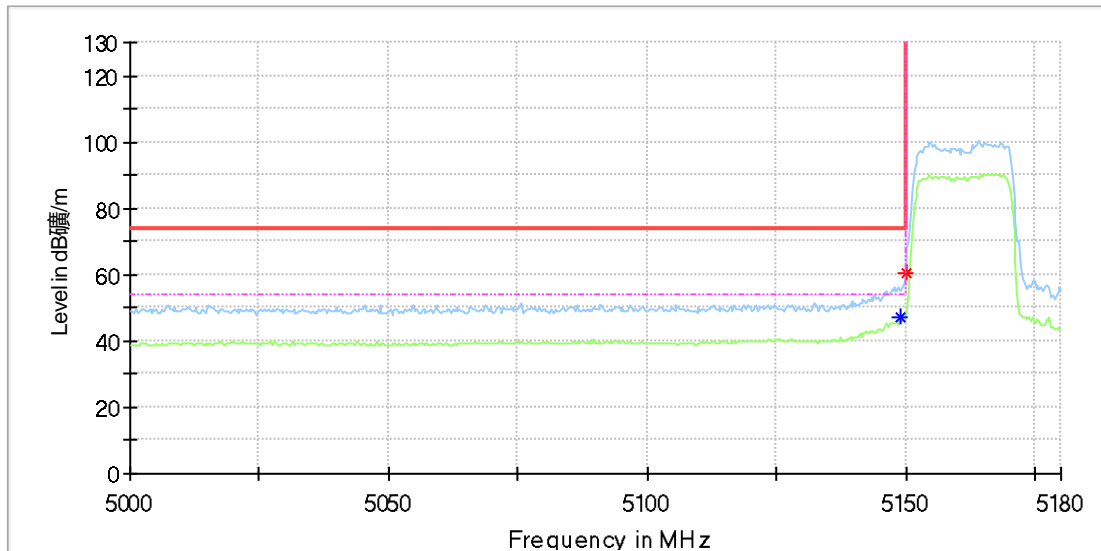
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

5.2GHz SDR, 20MHz BW

EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_20M_5161MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

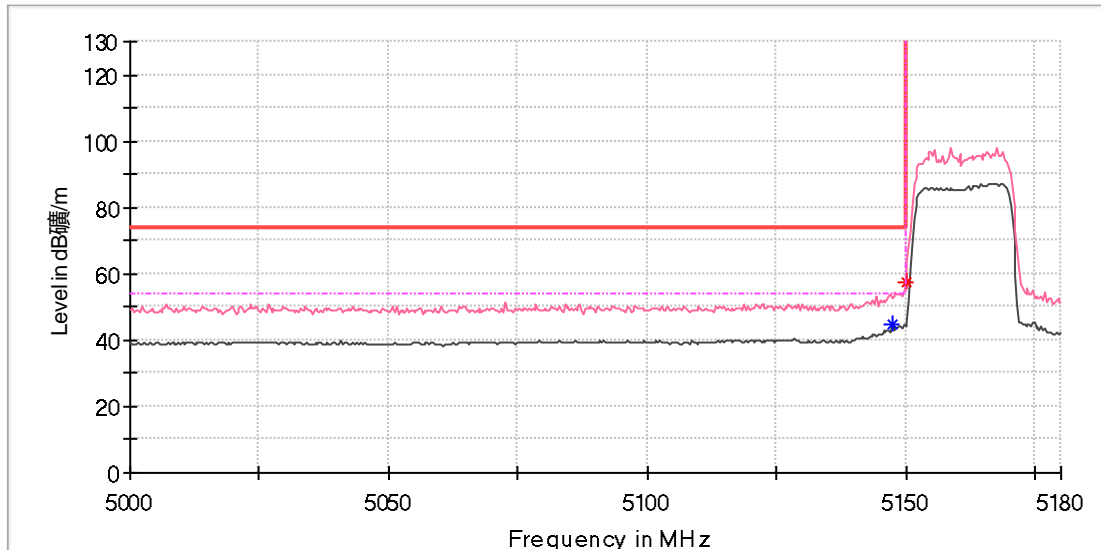
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.972222	---	46.93	54.00	7.07	150.0	H	304.0	12.4
5149.955556	60.21	---	74.00	13.79	150.0	H	304.0	12.4

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_20M_5161MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

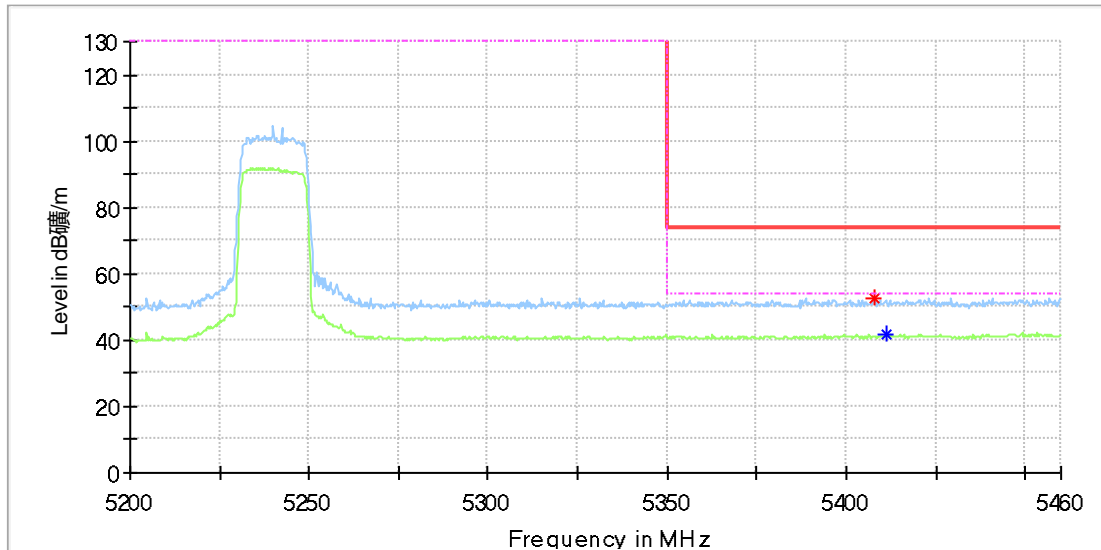
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.333333	---	44.77	54.00	9.23	150.0	V	67.0	12.4
5149.955556	57.32	---	74.00	16.68	150.0	V	275.0	12.4

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Matrice 30
Model:	M30 RTK
Test Mode:	SDR 5.2G_20M_5240MHz
Order No/Sample No:	168413415/A003459613-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

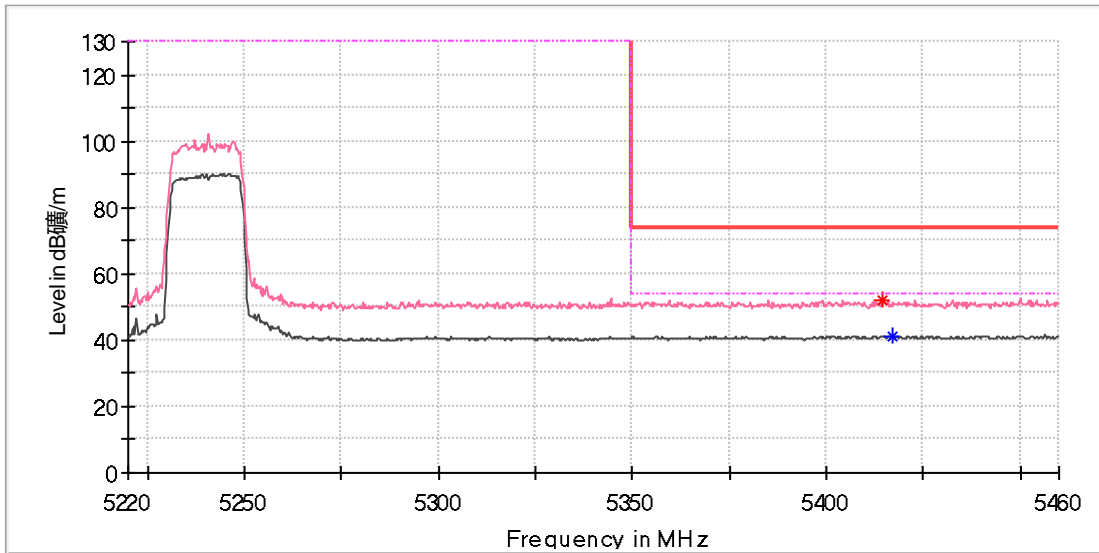
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5407.883333	52.54	---	74.00	21.46	150.0	H	283.0	13.5
5411.416667	---	41.48	54.00	12.52	150.0	H	316.0	13.5

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Matrice 30
Model:	M30 RTK
Test Mode:	SDR 5.2G_20M_5240MHz
Order No/Sample No:	168413415/A003459613-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5414.655556	52.10	---	74.00	21.90	150.0	V	182.0	13.5
5417.011111	---	41.35	54.00	12.65	150.0	V	0.0	13.5

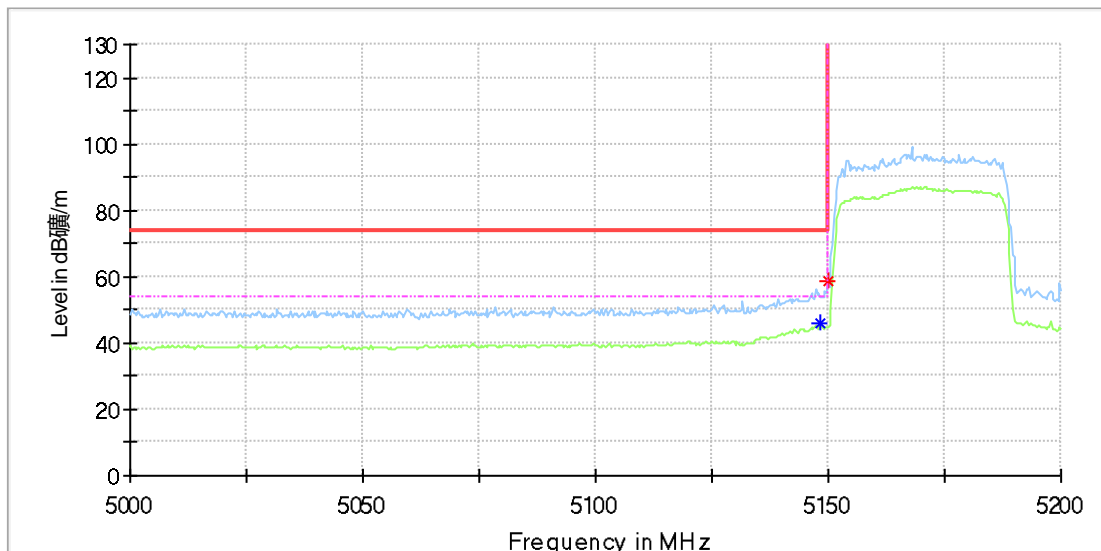
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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5.2GHz SDR, 40MHz BW

EUT Information

EUT Name:	Matrice 30
Model:	M30 RTK
Test Mode:	SDR 5.2G_40M_5170MHz
Order No/Sample No:	168413415/A003459613-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

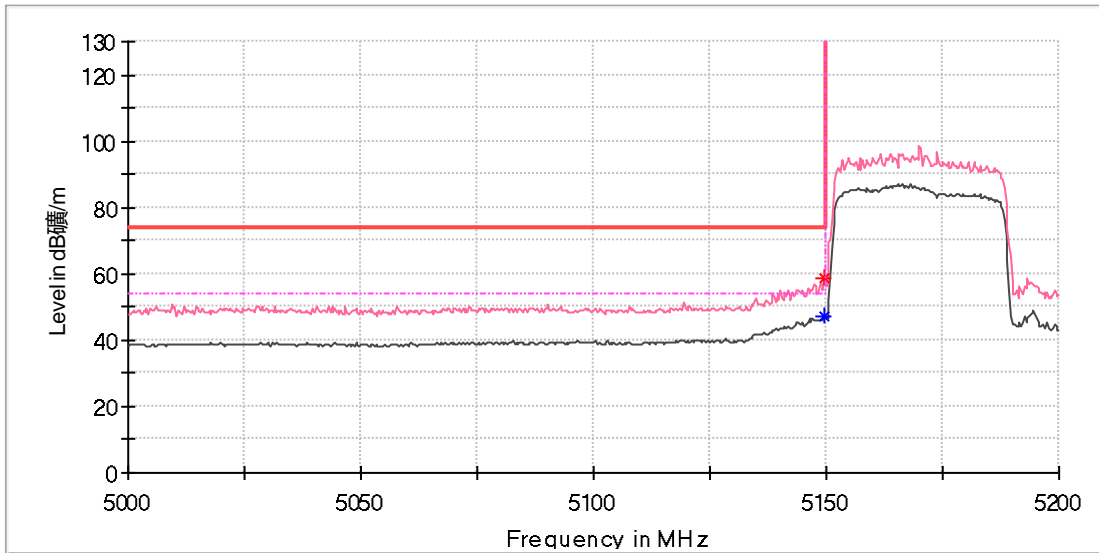
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.316667	---	46.01	54.00	7.99	150.0	H	190.0	12.4
5149.955556	58.76	---	74.00	15.24	150.0	H	90.0	12.4

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_40M_5170MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

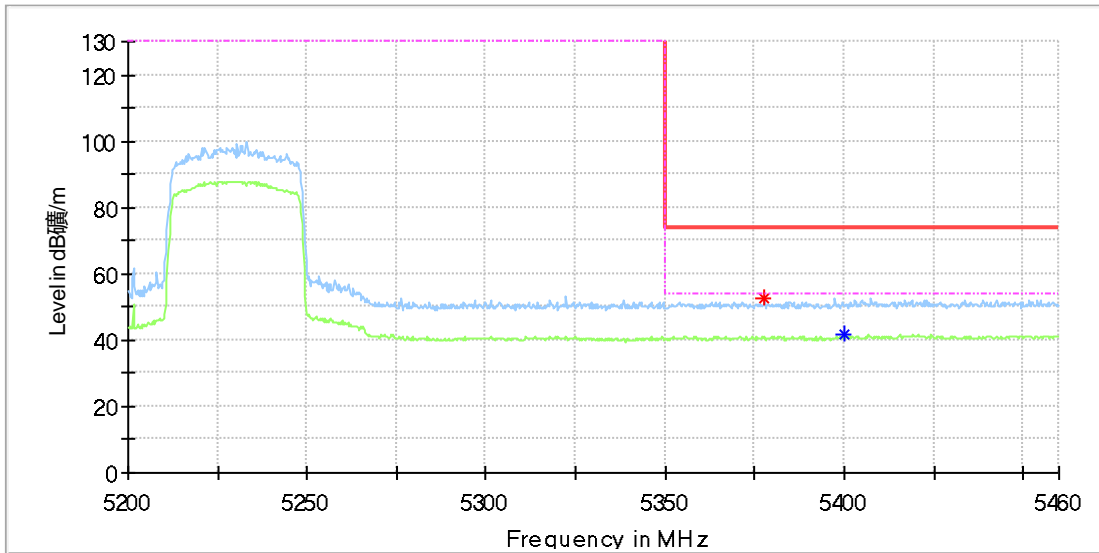
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.627778	---	47.09	54.00	6.91	150.0	V	88.0	12.4
5149.627778	58.95	---	74.00	15.05	150.0	V	88.0	12.4

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_40M_5230MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

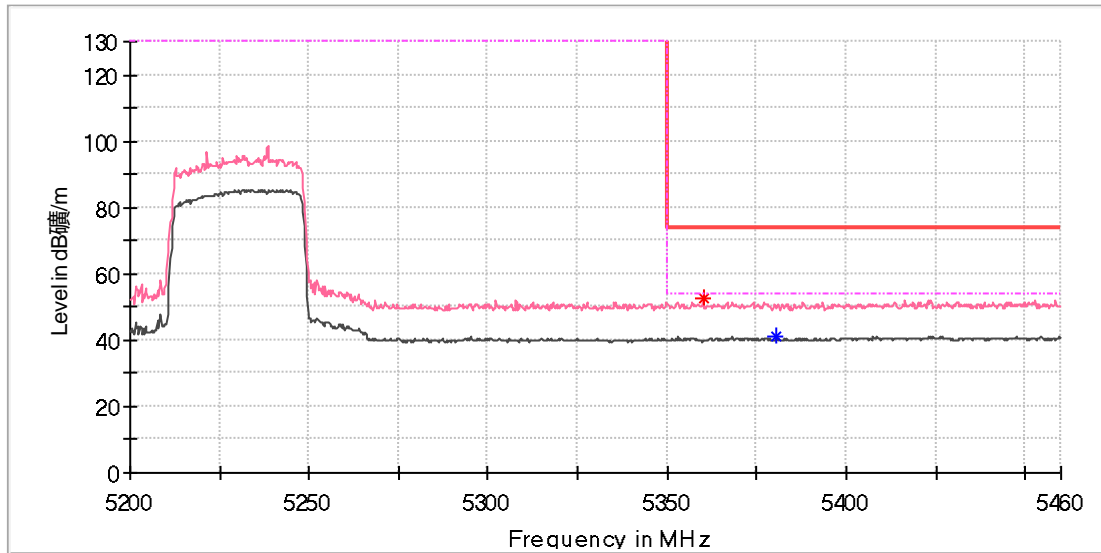
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5377.850000	52.53	---	74.00	21.47	150.0	H	48.0	13.4
5399.933333	---	41.45	54.00	12.55	150.0	H	181.0	13.5

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Matrice 30
 Model: M30 RTK
 Test Mode: SDR 5.2G_40M_5230MHz
 Order No/Sample No: 168413415/A003459613-001
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5360.183333	52.51	---	74.00	21.49	150.0	V	319.0	13.3
5380.500000	---	41.18	54.00	12.82	150.0	V	91.0	13.4

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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