

TEST REPORT

Application No.: SZCR2504001359MO
Applicant: FIBOCOM WIRELESS INC.
Address of Applicant: 5F,BLOCK A,SHENKOU TECHNOLOGY BUILDING II,1057 NANHAI BLVD,NANSHAN, Shenzhen, Guangdong, China
Manufacturer: FIBOCOM WIRELESS INC.
Address of Manufacturer: 5F,BLOCK A,SHENKOU TECHNOLOGY BUILDING II,1057 NANHAI BLVD,NANSHAN, Shenzhen, Guangdong, China
Equipment Under Test (EUT):
EUT Name: 5G Module
Model No.: AN762S-GL
Trade Mark: Favalon
FCC ID: 2A8RBAN762SGL
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2025-04-08
Date of Test: 2025-04-15 to 2025-05-27
Date of Issue: 2025-05-29

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.

Keny Xu

Keny Xu
EMC Laboratory Manager



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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2025-05-29		Original

Authorized for issue by:				
		Donjon . Huang		
		Donjon Huang/Project Engineer		
		Eric Fu		
		Eric Fu/Reviewer		



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2 Test Summary

Radio Spectrum Technical Requirement				
Item	Standard	Method	Requirement	Result
Antenna Requirement	47 CFR Part 15, Subpart E 15.407	N/A	47 CFR Part 15, Subpart C 15.203	Pass

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 (2013) Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)	Pass
Maximum Conducted output power		ANSI C63.10 (2013) Section 12.3	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Radiated Emissions (Below 1GHz)		ANSI C63.10 (2013) Section 6.4,6.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.10 (2013) Section 6.6	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands		ANSI C63.10 (2013) Section 6.10.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
In-Band Emissions		ANSI C63.10 (2013) Section 12.5	47 CFR Part 15, Subpart E 15.407 (b)	Pass
Contention-based Protocol		KDB 987594 D02	47 CFR Part 15, Subpart E 15.407 (d)(6)	Pass
Duty Cycle		ANSI C63.10 (2013) Section 12.2	ANSI C63.10 (2013) Section 12.2	Pass
99% Bandwidth		ANSI C63.10 (2013) Section 12.4.2	ANSI C63.10 (2013) Section 12.4.2	Pass
26dB Emission bandwidth		ANSI C63.10 (2013) Section 12.4.1	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Peak Power spectrum density		ANSI C63.10 (2013) Section 12.5	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Frequency Stability		ANSI C63.10 (2013) Section 6.8	47 CFR Part 15, Subpart E 15.407 (g)	Pass

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4 General Information

4.1 Details of E.U.T.

EUT Description:	5G Module
Model No.:	AN762S-GL
Trade Mark:	Favalon
Hardware Version:	V1.0
Software Version:	84100.2000.00.01.05.01
Power Supply:	DC4V
IEEE 802.11 WLAN Mode Supported:	☒ 802.11a (20 MHz channel bandwidth), ☒ 802.11ax (20 MHz channel bandwidth) ☒ 802.11ax (40 MHz channel bandwidth) ☒ 802.11ax (80 MHz channel bandwidth) ☒ 802.11ax (160 MHz channel bandwidth)
Operation Frequency:	IEEE 802.11 a/ax(HE20/40/80/160): 5925 MHz ~ 6425 MHz IEEE 802.11 a/ax(HE20/40/80/160): 6425 MHz ~ 6525 MHz IEEE 802.11 a/ax(HE20/40/80/160): 6525 MHz ~ 6875 MHz IEEE 802.11 a/ax(HE20/40/80/160): 6875 MHz ~ 7125 MHz
Type of Modulation:	OFDM/OFDMA
FCC Classification:	6GHz Low Power Indoor Client (6XD)
Antenna Type:	☒ External, ☐ Integrated
Smart System:	☒ SISO 802.11a/ ax
	☒ MIMO 802.11ax: 2Tx & 2Rx
	☒ Diversity CDD: 802.11a: 2Tx & 2Rx
Antenna Gain:	UNII-5:5925 MHz ~ 6425 MHz: 0.61dBi(Ant1); 0.61dBi(Ant2) UNII-6:6425 MHz ~ 6525 MHz: 0.55dBi(Ant1); 0.55dBi(Ant2) UNII-7:6525 MHz ~ 6875 MHz: 0.69dBi(Ant1); 0.69dBi(Ant2) UNII-8:6875 MHz ~ 7125 MHz: 1.06dBi(Ant1); 1.06dBi(Ant2)
	Note: The antenna gain are derived from the gain information report provided by the manufacturer.
RF Cable:	2.0dB
Remark: 1. As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information. 2. This EUT does not support 802.11be, so Channel Puncturing or Bandwidth Reduction has not been tested.	

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4.2 Environment Parameter

Environment Parameter	1020 mbar Selected Values During Tests	
Relative Humidity	44.5-50.8 % RH Ambient	
Value	Temperature(°C)	Voltage(V)
NTNV	22.5~34.5	4
Note: NV:Normal Voltage LV:Low Extreme Test Voltage HV:High Extreme Test Voltage NT:Normal Temperature LT:Low Extreme Test Temperature HT:High Extreme Test Temperature		

4.3 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Motherboard	FAVALON	ADP-AN762S/AN782S-CN-HG-70-V1.2	--
Remark: all above the information of table are provided by client.			

4.4 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at AC Power Line (150kHz-30MHz)	± 3.1dB
Maximum Conducted output power	± 0.75dB
Radiated Emissions (Below 1GHz)	± 6.0dB for 3m; ± 5.0dB for 10m
Radiated Emissions (Above 1GHz)	± 4.6dB (1-18GHz); ± 4.8dB (18-40GHz)
Radiated Emissions which fall in the restricted bands	± 6.0dB (below 1GHz); ± 4.6dB (above 1GHz);
In-Band Emissions	± 2.84dB
Duty Cycle	± 0.37%
99% Bandwidth	± 3%
26dB Emission bandwidth	± 3%
Peak Power spectrum density	± 2.84dB
Frequency Stability	± 7.25 x 10-8
Remark: The U _{lab} (lab Uncertainty) is less than U _{CISPR/ETSI} (CISPR/ETSI Uncertainty), so the test results – compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit; – non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.	

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4.5 Test Location

All tests were performed at:

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Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

4.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• A2LA (Certificate No. 3816.01)

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

• VCCI (Member No. 1937)

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen EMC laboratory have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

• FCC –Designation Number: CN1336

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1336. Test Firm Registration Number: 787754.

• Innovation, Science and Economic Development Canada

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None



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5 Equipment List

Conducted Emissions at AC Power Line (150kHz-30MHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2022-05-14	2025-05-13
				2025-05-07	2028-05-06
EMI Test Receiver	Rohde&Schwarz	ESR	SZ-WRG-M-047	2025-01-08	2026-01-07
Matching Pad	N/A	N/A	SEM021-23	2025-03-19	2026-03-18
Matching Pad	N/A	N/A	SEM021-24	2025-03-19	2026-03-18
Measurement Software	AUDIX	e3 V8.2014-6-27a	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2024-07-06	2025-07-05
LISN	Rohde&Schwarz	ENV216	SEM007-01	2024-08-15	2025-08-14
LISN	ETS-LINDGREN	3816/2	SEM007-02	2025-03-03	2026-03-02

Maximum Conducted output power					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Power Sensor	TST PASS	TSPS2023R	SEM009-26	2025-03-04	2026-03-03
Power Sensor	KEYSIGHT	U2021XA	SEM009-16	2025-03-04	2026-03-03
DC Power Supply	Chroma	62012P-80-60	SEM011-11	2024-08-14	2025-08-13
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-19	2025-03-04	2026-03-03
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2024-09-14	2025-09-13
Measurement Software	TST PASS	TST PASS V2.0	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2024-07-06	2025-07-05
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	2025-03-03	2026-03-02
Programmable Temperature & Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2025-02-26	2026-02-25

Radiated Emissions (Below 1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Loop Antenna	ETS-Lindgren	6502	SEM003-08	2023-11-20	2025-11-19
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2023-06-19	2026-06-18
MXE EMI Receiver	Agilent Technologies	N9038A	SEM004-15	2024-08-14	2025-08-13
BiConiLog Antenna	ETS-LINDGREN	3142C	SEM003-01	2023-09-16	2025-09-15
Pre-Amplifier	Agilent Technologies	8447D	SEM005-01	2025-03-04	2026-03-03
Measurement Software	AUDIX	e3 V8.2014-6-	N/A	N/A	N/A



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Coaxial Cable	SGS	N/A	SEM025-01	2024-07-06	2025-07-05

Radiated Emissions (Above 1GHz)

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV	SZ-WRG-M-048	2025-01-07	2026-01-06
Low Noise Amplifier 1G-18GHz	Tonscend	TAP01018050	SZ-WRG-M-051	2025-01-07	2026-01-06
Low Noise Amplifier 18G-40GHz	Tonscend	TAP18040048	SZ-WRG-M-052	2025-01-08	2026-01-07
Double Ridge Horn Antenna 1GHz-18GHz	SCHWARZBECK	BBHA 9120 D	SZ-WRG-M-055	2023-12-21	2025-12-20
SHF-EHF Horn 15GHz-40GHz	SCHWARZBECK	BBHA 9170	SZ-WRG-M-056	2023-12-25	2025-12-24
RSE Test Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Chamber	CRTSGSSAC966	N/A	SZ-WRG-C-063	2025-01-06	2028-01-05
Humidity and Temperature Indicator	deli	8838	SEM002-46	2024-07-24	2025-07-23

Radiated Emissions which fall in the restricted bands

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV	SZ-WRG-M-048	2025-01-07	2026-01-06
Low Noise Amplifier 30M-8GHz	Tonscend	TAP30M8G30	SZ-WRG-M-050	2025-01-07	2026-01-06
Double Ridge Horn Antenna 1GHz-18GHz	SCHWARZBECK	BBHA 9120 D	SZ-WRG-M-055	2023-12-21	2025-12-20
SHF-EHF Horn 15GHz-40GHz	SCHWARZBECK	BBHA 9170	SZ-WRG-M-056	2023-12-25	2025-12-24
RSE Test Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Chamber	CRTSGSSAC966	N/A	SZ-WRG-C-063	2025-01-06	2028-01-05
Humidity and Temperature Indicator	deli	8838	SEM002-46	2024-07-24	2025-07-23

In-Band Emissions

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
DC Power Supply	Chroma	62012P-80-60	SEM011-11	2024-08-14	2025-08-13
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-19	2025-03-04	2026-03-03



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中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



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Signal Generator	KEYSIGHT	N5173B	SEM006-05	2024-09-14	2025-09-13
Measurement Software	TST PASS	TST PASS V2.0	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2024-07-06	2025-07-05
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	2025-03-03	2026-03-02
Programmable Temperature & Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2025-02-26	2026-02-25

Contention-based Protocol

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielding Room	AUDIX	N/A	SEM001-08	2025-05-16	2028-05-15
EXA Signal Analyzer	KEYSIGHT	N9010A	SEM004-09	2025-03-03	2026-03-02
ESG Vector Signal Generator	KEYSIGHT	E4438C	SEM006-15	2024-08-15	2025-08-14
DC Power Supply	KEYSIGHT	E3642A	SEM011-07	2025-02-26	2026-02-25
Manual Step Attenuator	KEYSIGHT	8494B	SEM021-05	2025-03-03	2026-03-02
Manual Step Attenuator	KEYSIGHT	8496B	SEM021-06	2025-03-03	2026-03-02
Power Sensor	TST PASS	TSPS2023R	SEM009-26	2025-03-04	2026-03-03
Power Sensor	TST PASS	TSPS2023R	SEM009-27	2025-03-04	2026-03-03
Power Sensor	TST PASS	TSPS2023R	SEM009-28	2025-03-04	2026-03-03
Power Sensor	TST PASS	TSPS2023R	SEM009-29	2025-03-04	2026-03-03
Programmable Temperature&Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2025-02-26	2026-02-25
Universal Radio Communication Tester	Rohde&Schwarz	CMW500	SEM010-08	2025-03-04	2026-03-03
Measurement Software	TST PASS	TST PASS V2.0	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM028-01	2024-07-06	2025-07-05

RF Conducted Test

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
DC Power Supply	Chroma	62012P-80-60	SEM011-11	2024-08-14	2025-08-13
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-19	2025-03-04	2026-03-03
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2024-09-14	2025-09-13
Measurement Software	TST PASS	TST PASS V2.0	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2024-07-06	2025-07-05
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	2025-03-03	2026-03-02



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Programmable Temperature & Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2025-02-26	2026-02-25
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General used equipment					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Humidity/ Temperature Indicator	deli	8838	SEM002-32	2024-07-24	2025-07-23
Humidity/ Temperature Indicator	deli	8838	SEM002-33	2024-07-24	2025-07-23
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2025-03-03	2026-03-02



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6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

6.1.2 6.1.2 Conclusion

15.203 requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT Antenna:

The antenna is External Antenna and no consideration of replacement.

The best case gain of the antenna is

UNII-5:5925 MHz ~ 6425 MHz: 0.61dBi(Ant1); 0.61dBi(Ant2)*

UNII-6:6425 MHz ~ 6525 MHz: 0.55dBi(Ant1); 0.55dBi(Ant2)*

UNII-7:6525 MHz ~ 6875 MHz: 0.69dBi(Ant1); 0.69dBi(Ant2)*

UNII-8:6875 MHz ~ 7125 MHz: 1.06dBi(Ant1); 1.06dBi(Ant2)*

**Note:*

The antenna gain are derived from the gain information report provided by the manufacturer.

Remark:

As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

Cyclic Delay Diversity (CDD) System:

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

If all antennas have the same gain, G_{ANT} , Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

- For power spectral density (PSD) measurements on all devices,

$Array\ Gain = 10 \log(N_{ANT}/N_{SS}=1) \text{ dB}$.

- For power measurements on IEEE 802.11 devices:

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

Directional gain may be calculated by using the formulas applicable to equal gain antennas with GANT set equal to the gain of the antenna having the highest gain.

The Power and PSD limit should be modified if the directional gain of eut is over 6dbi.

The EUT supports CDD System.

All antennas have the same gain:

Operation Frequency	ANT Gain0 (dBi)	ANT Gain1 (dBi)	Directional gain For Power (dBi)	Directional gain For PSD (dBi)	Power Limit Reduction (dBm)	PSD Limit Reduction (dBm)
5925 MHz to 6425 MHz	0.61	0.61	0.61	3.62	0	0
6425 MHz to 6525 MHz	0.55	0.55	0.55	3.56	0	0
6525 MHz to 6875 MHz	0.69	0.69	0.69	3.70	0	0
6875 MHz to 7125 MHz	1.06	1.06	1.06	4.07	0	0

5925 MHz to 6425 MHz:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

6425 MHz to 6525 MHz:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

6525 MHz to 6875 MHz:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

6875 MHz to 7125 MHz:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

7 Radio Spectrum Matter Test Results

7.1 Conducted Emissions at AC Power Line (150kHz-30MHz)

Test Requirement 47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)

Test Method: ANSI C63.10 (2013) Section 6.2

Limit:

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

*Decreases with the logarithm of the frequency.

7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C Humidity: 44.5 % RH Atmospheric Pressure: 1020 mbar

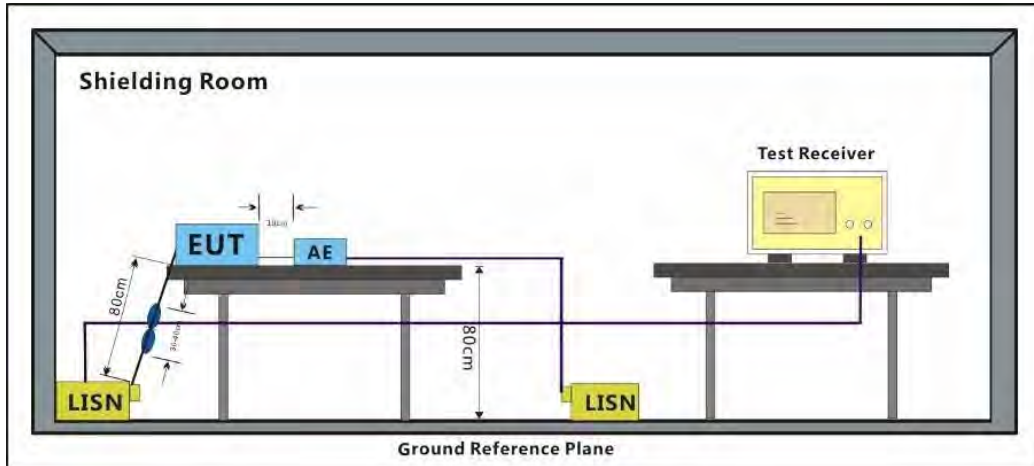
7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	11	TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	12	TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	13	TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	14	TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.



recorded in the report.

7.1.3 Test Setup Diagram



7.1.4 Measurement Procedure and Data

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50μH + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
- 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,
- 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
- 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

Remark 1: Level=Read Level+ Cable Loss+ LISN Factor

Remark 2: Pre-test AC 120V/50-60Hz&AC 240V/50-60Hz then choose the AC 120/60Hz as worst case.

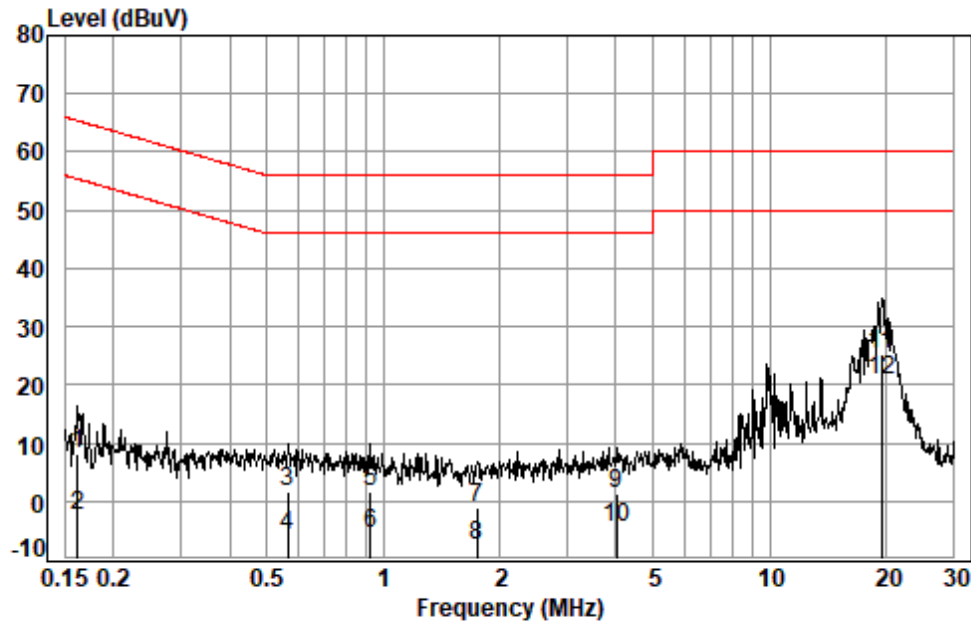
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Test Mode: 11; Line: Live line



Site : Shielding Room
Condition: Line
Job No. : 01359MO/01361MO
Test mode: 11

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1615	0.06	10.18	-2.14	8.10	65.38	-57.28	QP
2	0.1615	0.06	10.18	-12.83	-2.59	55.38	-57.97	Average
3	0.5671	0.08	9.58	-8.15	1.51	56.00	-54.49	QP
4	0.5671	0.08	9.58	-15.63	-5.97	46.00	-51.97	Average
5	0.9282	0.09	9.59	-7.92	1.76	56.00	-54.24	QP
6	0.9282	0.09	9.59	-15.28	-5.60	46.00	-51.60	Average
7	1.7529	0.10	9.58	-10.66	-0.98	56.00	-56.98	QP
8	1.7529	0.10	9.58	-17.12	-7.44	46.00	-53.44	Average
9	4.0275	0.12	9.66	-8.48	1.30	56.00	-54.70	QP
10	4.0275	0.12	9.66	-14.39	-4.61	46.00	-50.61	Average
11 *	19.5316	0.30	10.15	14.89	25.34	60.00	-34.66	QP
12 *	19.5316	0.30	10.15	10.35	20.80	50.00	-29.20	Average

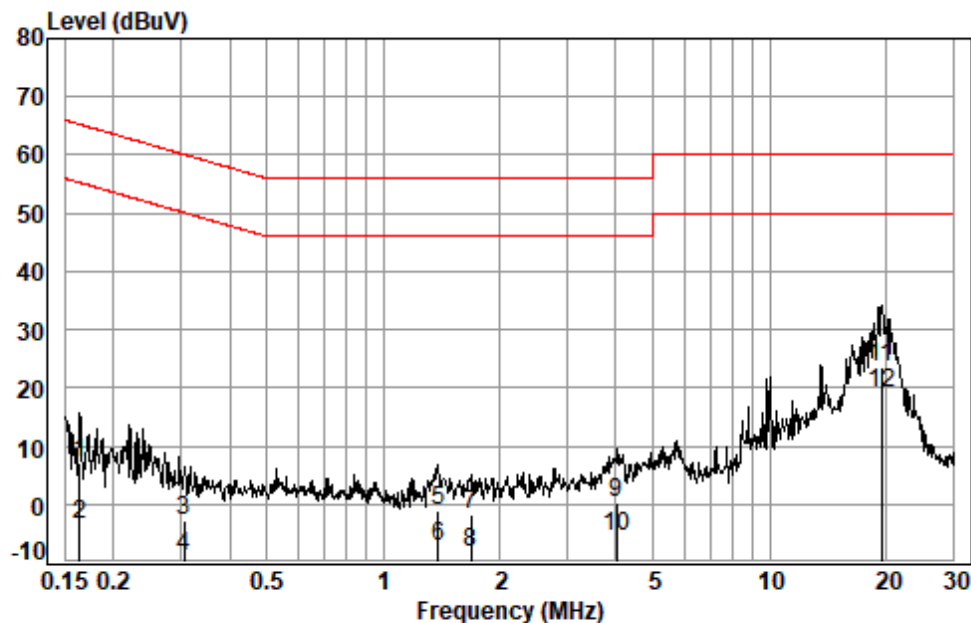
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Test Mode: 11; Line: Neutral Line



Site : Shielding Room
Condition: Neutral
Job No. : 01359MO/01361MO
Test mode: 11

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1633	0.06	10.13	-3.20	6.99	65.30	-58.31	QP
2	0.1633	0.06	10.13	-13.78	-3.59	55.30	-58.89	Average
3	0.3051	0.07	9.77	-12.67	-2.83	60.10	-62.93	QP
4	0.3051	0.07	9.77	-18.93	-9.09	50.10	-59.19	Average
5	1.3884	0.10	9.54	-10.73	-1.09	56.00	-57.09	QP
6	1.3884	0.10	9.54	-16.76	-7.12	46.00	-53.12	Average
7	1.6891	0.10	9.55	-11.60	-1.95	56.00	-57.95	QP
8	1.6891	0.10	9.55	-17.97	-8.32	46.00	-54.32	Average
9	4.0275	0.12	9.55	-9.28	0.39	56.00	-55.61	QP
10	4.0275	0.12	9.55	-15.38	-5.71	46.00	-51.71	Average
11 *	19.5316	0.30	10.13	13.16	23.59	60.00	-36.41	QP
12 *	19.5316	0.30	10.13	8.55	18.98	50.00	-31.02	Average



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7.2 Maximum Conducted output power

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: ANSI C63.10 (2013) Section 12.3

Limit:

Frequency band(MHz)	Limit
5150-5250	≤1W(30dBm) for master device
	≤250mW(24dBm) for client device
5250-5350	≤250mW(24dBm) or 11dBm+10logB*
5470-5725	≤250mW(24dBm) or 11dBm+10logB*
5725-5850	≤1W(30dBm)
Remark:	* Where B is the 26dB emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 24.3 °C

Humidity: 44.8 % RH

Atmospheric Pressure: 1020 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	11	TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	13	TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	14	TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and

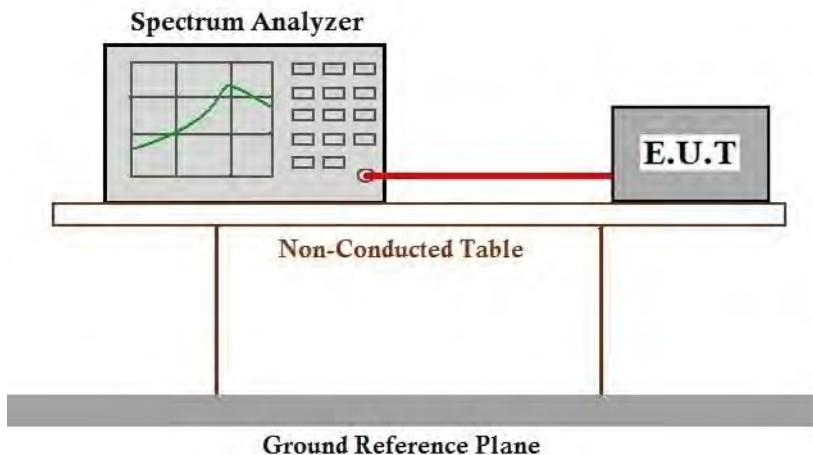


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		found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
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7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

Note: Since the verify power the same operating range bandwidth and smaller power can be covered by the higher power.

Please Refer to Appendix for Details

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7.3 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2013) Section 6.4,6.5

Measurement Distance: 3m

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 23.5 °C

Humidity: 45.3 % RH

Atmospheric Pressure: 1020 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	11	TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	12	TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	13	TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	14	TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.



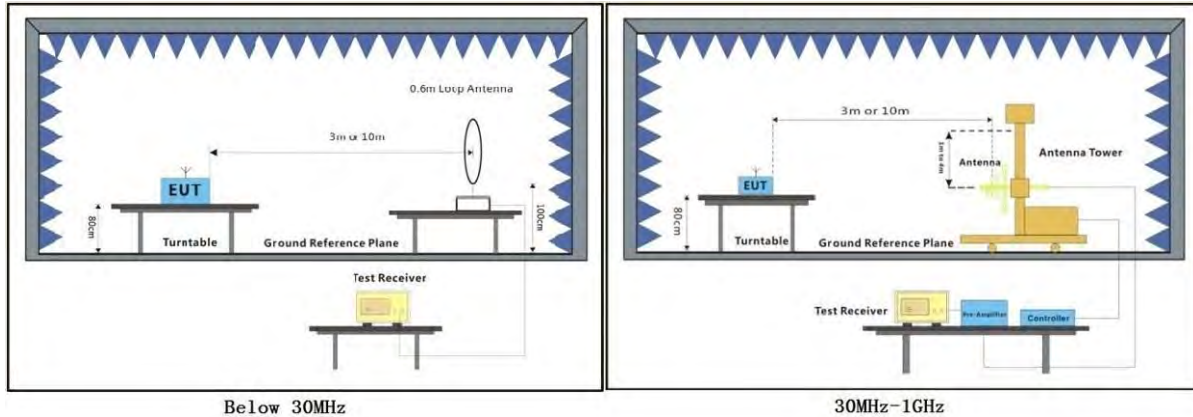
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7.3.3 Test Setup Diagram



Below 30MHz

30MHz-1GHz

7.3.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. For emission below 1GHz, through the pre-scan found the worst case is the lowest channel of 802.11a. Only the worst case is recorded in the report.
3. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
4. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

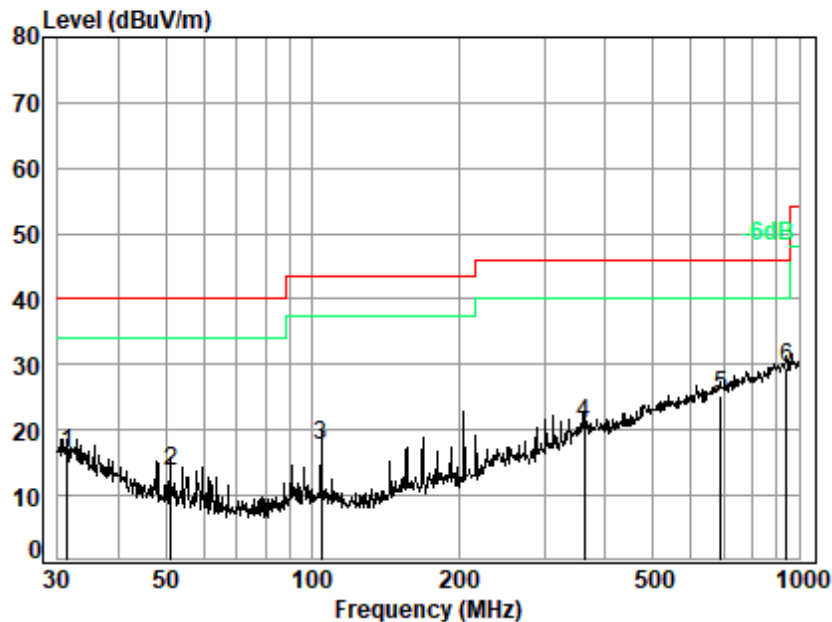
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Test Mode: 11; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 01359MO/01361MO
Test Mode: 11

	Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	31.399	20.55	0.69	27.79	23.10	16.55	40.00	-23.45 QP
2	51.121	12.58	0.87	27.73	28.12	13.84	40.00	-26.16 QP
3	104.170	12.22	1.25	27.57	31.77	17.67	43.50	-25.83 QP
4	361.714	20.25	2.45	27.00	25.15	20.85	46.00	-25.15 QP
5	689.565	25.69	3.51	27.75	23.81	25.26	46.00	-20.74 QP
6 q	942.131	28.19	4.23	26.46	23.42	29.38	46.00	-16.62 QP



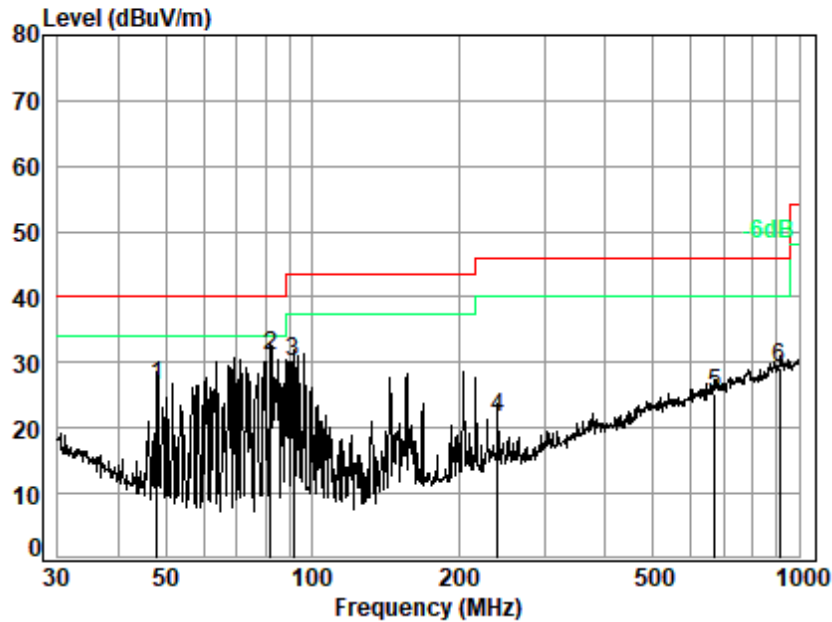
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Test Mode: 11; Polarity: Vertical



Site : chamber

Condition: 3m VERTICAL

Job No. : 01359MO/01361MO

Test Mode: 11

		Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	47.994	13.30	0.85	27.74	40.17	26.58	40.00	-13.42	QP
2	82.071	10.63	1.11	27.64	46.89	30.99	40.00	-9.01	QP
3	91.495	11.86	1.17	27.61	44.60	30.02	43.50	-13.48	QP
4	240.830	17.08	1.96	27.00	29.61	21.65	46.00	-24.35	QP
5	670.489	25.57	3.46	27.80	24.16	25.39	46.00	-20.61	QP
6	912.862	28.01	4.16	26.67	23.55	29.05	46.00	-16.95	QP



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SZEMC-TRF-01 Rev. A/1

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7.4 Radiated Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2013) Section 6.6

Measurement Distance: 3m

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 34.5 °C

Humidity: 50.8 % RH

Atmospheric Pressure: 1020 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	11	TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	13	TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	14	TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.



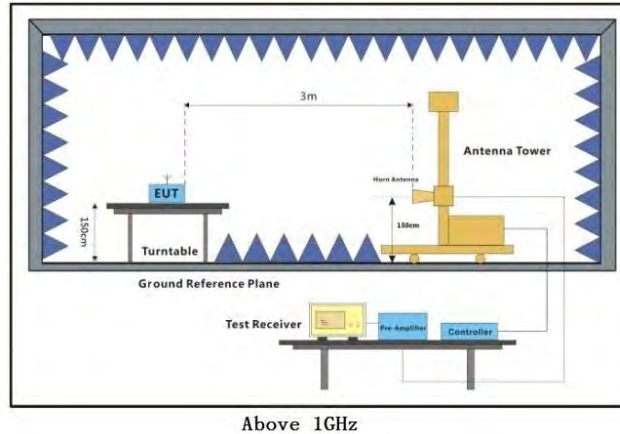
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7.4.3 Test Setup Diagram



7.4.4 Measurement Procedure and Data

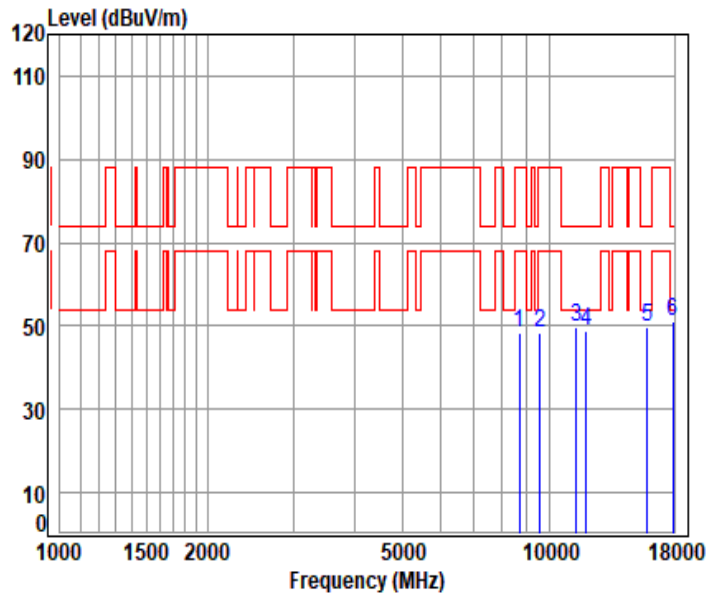
- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
5. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst case mode with the highest output power and the mode with the highest output power spectral density for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test report.
6. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.
7. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $< 98\%$) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.



11a_TX_CH_001_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

Mode : 5955 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8696.906	12.45	38.59	55.27	52.68	48.45	88.20	-39.75	peak
2	9562.472	12.58	38.80	54.49	51.37	48.26	88.20	-39.94	peak
3	11346.990	14.46	39.70	53.60	49.29	49.85	74.00	-24.15	peak
4	11910.000	14.62	39.71	53.77	48.21	48.77	74.00	-25.23	peak
5	15886.800	17.84	38.67	54.03	47.41	49.89	74.00	-24.11	peak
6	pp17865.000	19.21	42.89	54.47	43.27	50.90	74.00	-23.10	peak



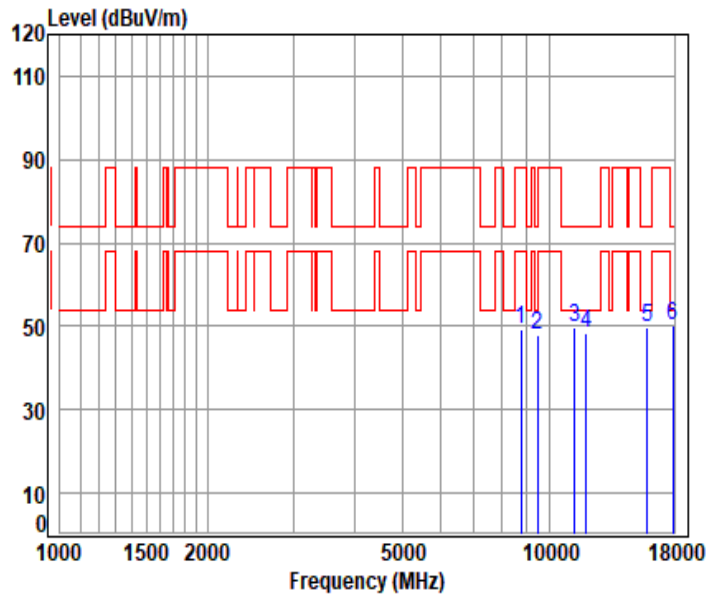
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11a_TX_CH_001_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

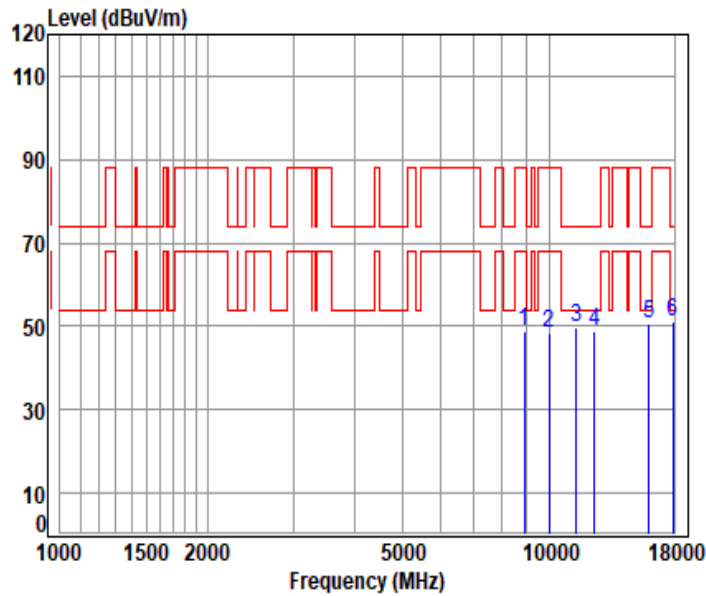
Mode : 5955 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8760.611	12.45	38.50	55.22	53.48	49.21	88.20	-38.99	peak
2	9446.858	12.47	38.80	54.60	51.23	47.90	74.00	-26.10	peak
3	11273.620	14.53	39.67	53.58	49.05	49.67	74.00	-24.33	peak
4	11910.000	14.62	39.71	53.77	48.01	48.57	74.00	-25.43	peak
5	15873.920	17.76	38.65	54.04	47.47	49.84	74.00	-24.16	peak
6	pp17865.000	19.21	42.89	54.47	42.56	50.19	74.00	-23.81	peak



11a_TX_CH_045_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

Mode : 6175 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8896.638	12.59	38.59	55.09	52.70	48.79	88.20	-39.41	peak
2	9998.623	12.96	38.90	54.10	50.63	48.39	88.20	-39.81	peak
3	11346.990	14.46	39.70	53.60	49.13	49.69	74.00	-24.31	peak
4	12350.000	14.81	39.85	54.04	48.13	48.75	74.00	-25.25	peak
5	15964.290	17.51	38.64	54.01	48.52	50.66	74.00	-23.34	peak
6	pp17869.110	19.22	42.91	54.47	43.24	50.90	74.00	-23.10	peak



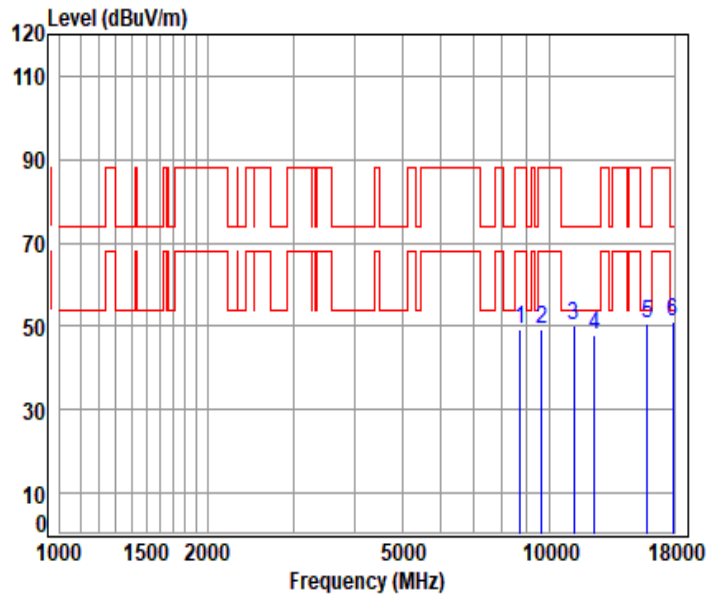
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11a_TX_CH_045_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

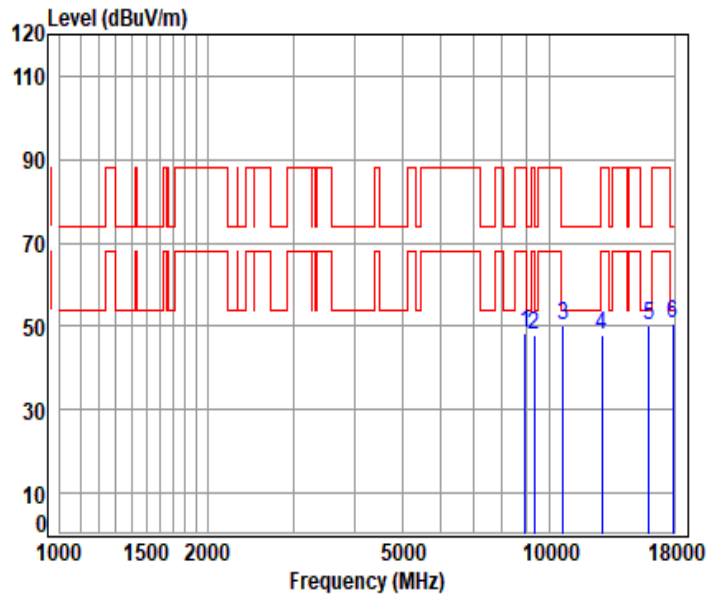
Mode : 6175 TX RSE

: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8703.962	12.45	38.59	55.27	53.48	49.25	88.20	-38.95	peak
9648.152	12.74	38.70	54.42	52.42	49.44	88.20	-38.76	peak
11237.110	14.42	39.64	53.57	49.49	49.98	74.00	-24.02	peak
12350.000	14.81	39.85	54.04	47.38	48.00	74.00	-26.00	peak
15886.800	17.84	38.67	54.03	48.28	50.76	74.00	-23.24	peak
p17869.110	19.22	42.91	54.47	43.26	50.92	74.00	-23.08	peak



11a_TX_CH_093_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

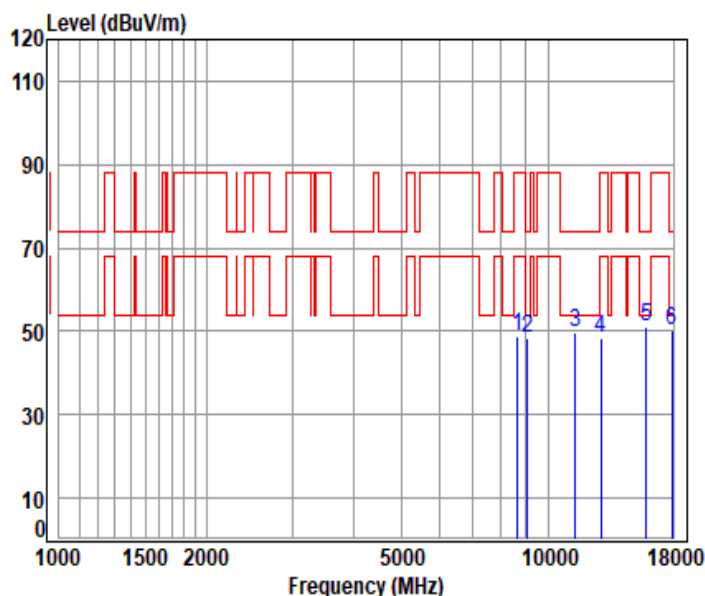
Mode : 6415 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8932.783	12.52	38.53	55.06	52.48	48.47	88.20	-39.73	peak
2	9325.078	12.36	38.80	54.71	51.68	48.13	74.00	-25.87	peak
3	10668.780	13.61	39.37	53.70	50.85	50.13	74.00	-23.87	peak
4	12830.000	15.28	40.33	54.38	46.84	48.07	88.20	-40.13	peak
5	15964.290	17.51	38.64	54.01	48.03	50.17	74.00	-23.83	peak
6	pp17869.110	19.22	42.91	54.47	42.86	50.52	74.00	-23.48	peak



11a_TX_CH_093_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

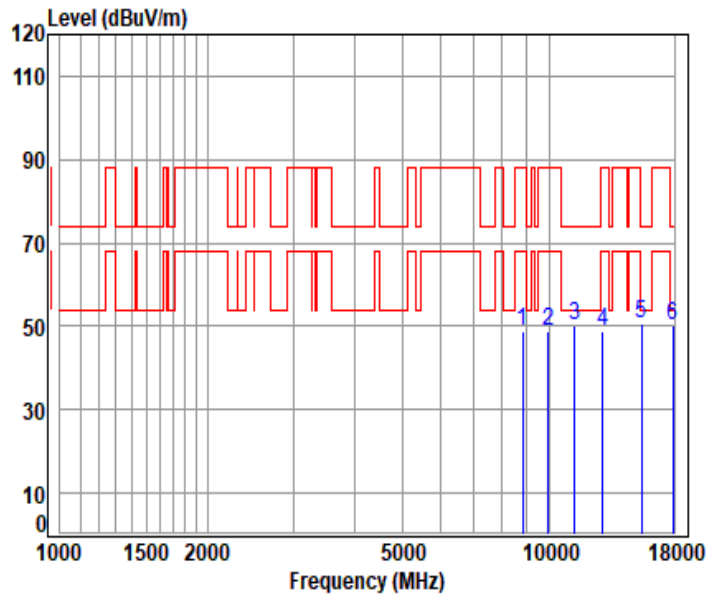
Mode : 6415 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8661.715	12.41	38.45	55.30	53.44	49.00	88.20	-39.20	peak
2	9078.842	12.29	38.60	54.93	52.20	48.16	74.00	-25.84	peak
3	11365.410	14.41	39.70	53.61	49.08	49.58	74.00	-24.42	peak
4	12830.000	15.28	40.33	54.38	47.13	48.36	88.20	-39.84	peak
5	pp15873.920	17.76	38.65	54.04	48.59	50.96	74.00	-23.04	peak
6	17869.110	19.22	42.91	54.47	42.73	50.39	74.00	-23.61	peak



11a_TX_CH_097_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

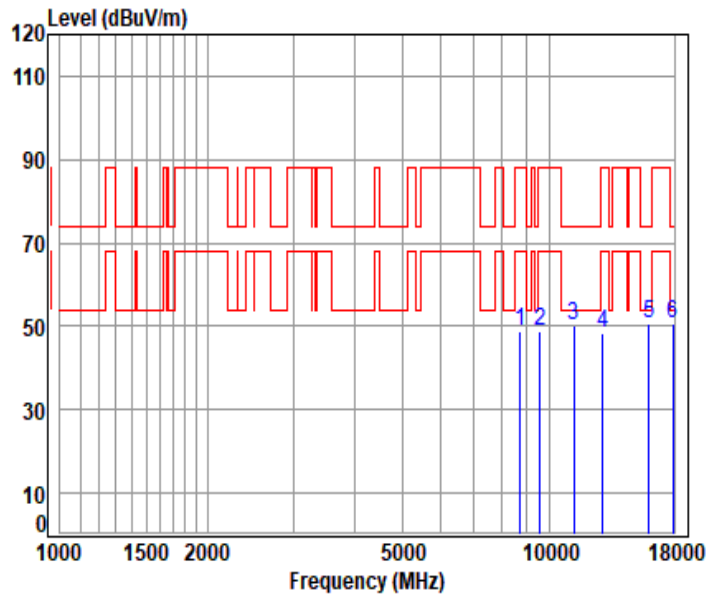
Mode : 6435 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8824.784	12.49	38.50	55.16	52.91	48.74	88.20	-39.46	peak
2	9942.026	12.87	38.90	54.15	51.00	48.62	88.20	-39.58	peak
3	11282.760	14.56	39.68	53.58	49.49	50.15	74.00	-23.85	peak
4	12870.000	15.31	40.37	54.41	47.52	48.79	88.20	-39.41	peak
5	15442.230	17.71	38.60	54.17	48.33	50.47	74.00	-23.53	peak
6	17869.110	19.22	42.91	54.47	42.57	50.23	74.00	-23.77	peak



11a_TX_CH_097_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

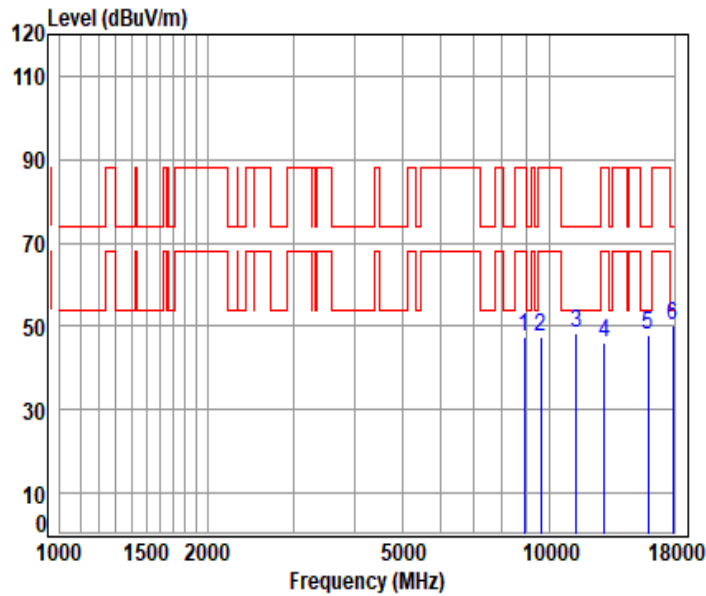
Mode : 6435 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8718.090	12.45	38.56	55.25	53.04	48.80	88.20	-39.40	peak
2	9585.763	12.58	38.80	54.47	51.70	48.61	88.20	-39.59	peak
3	11228.000	14.39	39.63	53.57	49.54	49.99	74.00	-24.01	peak
4	12870.000	15.31	40.37	54.41	46.90	48.17	88.20	-40.03	peak
5	15990.200	17.34	38.61	54.00	48.71	50.66	74.00	-23.34	peak
6	pp17869.110	19.22	42.91	54.47	43.16	50.82	74.00	-23.18	peak



11a_TX_CH_105_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

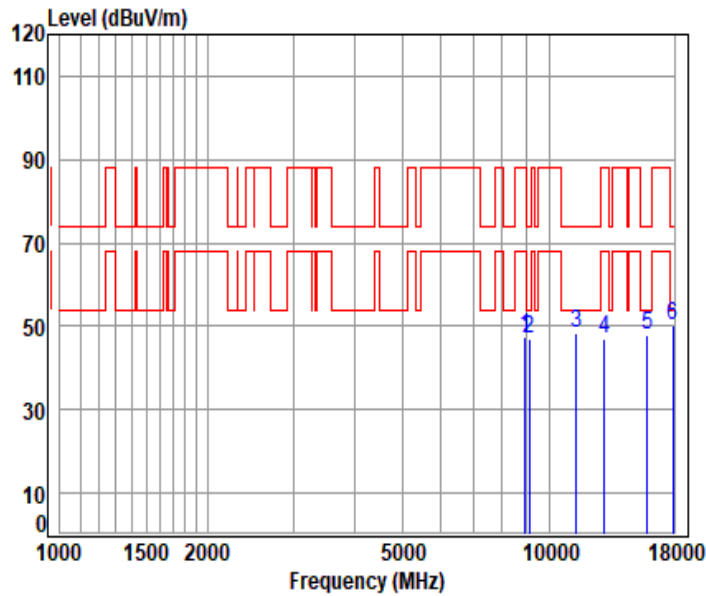
Mode : 6475 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8903.855	12.59	38.59	55.09	51.25	47.34	88.20	-40.86	peak
2	9593.540	12.58	38.80	54.47	50.35	47.26	88.20	-40.94	peak
3	11346.990	14.46	39.70	53.60	47.82	48.38	74.00	-25.62	peak
4	12950.000	15.35	40.35	54.47	45.08	46.31	88.20	-41.89	peak
5	15899.690	17.92	38.70	54.03	45.53	48.12	74.00	-25.88	peak
6	pp17869.110	19.22	42.91	54.47	42.54	50.20	74.00	-23.80	peak



11a_TX_CH_105_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

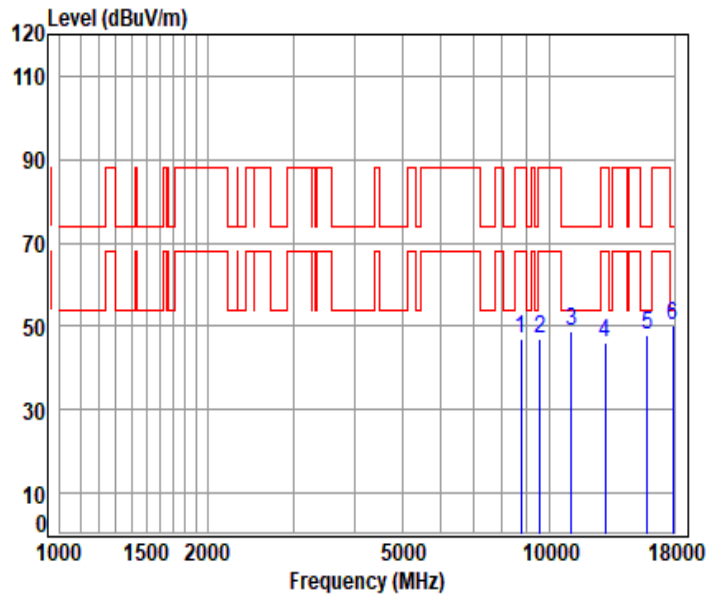
Mode : 6475 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8911.078	12.57	38.58	55.08	51.24	47.31	88.20	-40.89	peak
2	9086.207	12.28	38.60	54.92	51.05	47.01	74.00	-26.99	peak
3	11337.790	14.49	39.70	53.60	47.87	48.46	74.00	-25.54	peak
4	12950.000	15.35	40.35	54.47	45.79	47.02	88.20	-41.18	peak
5	15873.920	17.76	38.65	54.04	45.42	47.79	74.00	-26.21	peak
6	pp17869.110	19.22	42.91	54.47	42.56	50.22	74.00	-23.78	peak



11a_TX_CH_113_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

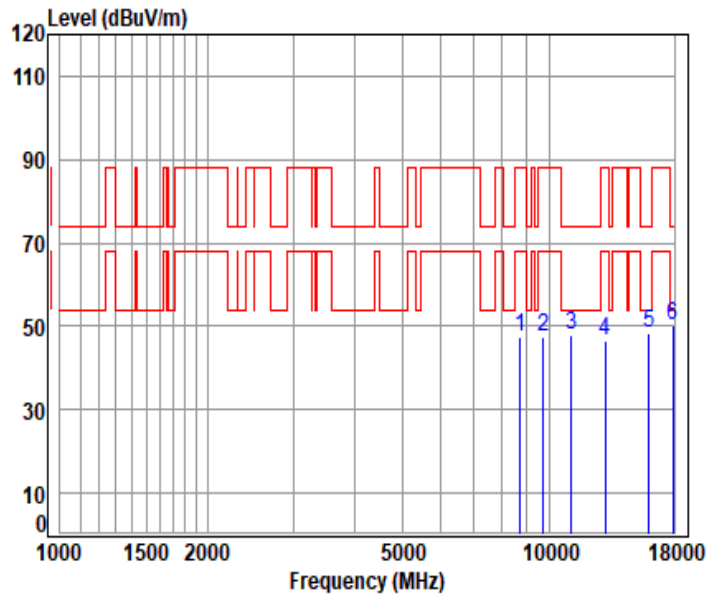
Mode : 6515 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8760.611	12.45	38.50	55.22	51.48	47.21	88.20	-40.99	peak
2	9554.720	12.58	38.80	54.50	50.25	47.13	88.20	-41.07	peak
3	11092.250	14.23	39.49	53.53	48.42	48.61	74.00	-25.39	peak
4	13030.000	15.39	40.30	54.50	44.95	46.14	88.20	-42.06	peak
5	15861.050	17.68	38.62	54.04	45.70	47.96	74.00	-26.04	peak
6	pp17869.110	19.22	42.91	54.47	42.69	50.35	74.00	-23.65	peak



11a_TX_CH_113_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

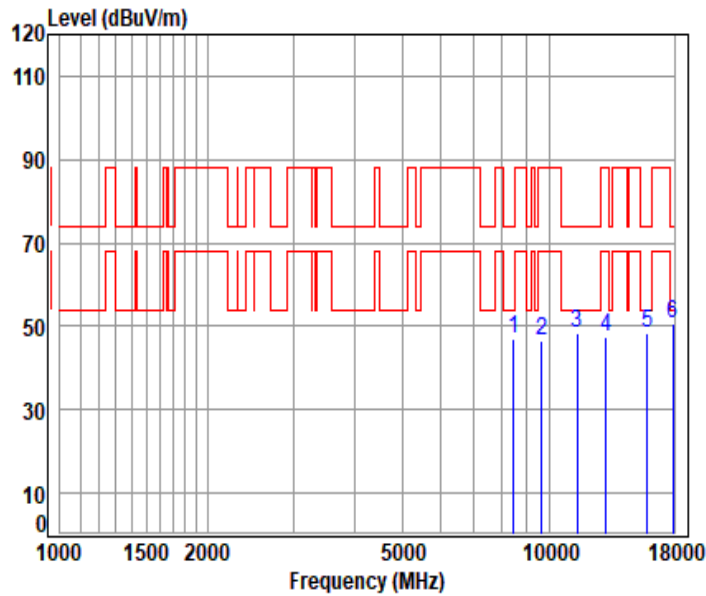
Mode : 6515 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8711.022	12.45	38.58	55.26	51.52	47.29	88.20	-40.91	peak
2	9703.076	12.92	38.69	54.37	50.14	47.38	88.20	-40.82	peak
3	11083.260	14.21	39.48	53.52	47.87	48.04	74.00	-25.96	peak
4	13030.000	15.39	40.30	54.50	45.39	46.58	88.20	-41.62	peak
5	16003.170	17.28	38.60	54.00	46.43	48.31	74.00	-25.69	peak
6	pp17869.110	19.22	42.91	54.47	42.35	50.01	74.00	-23.99	peak



11a_TX_CH_117_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

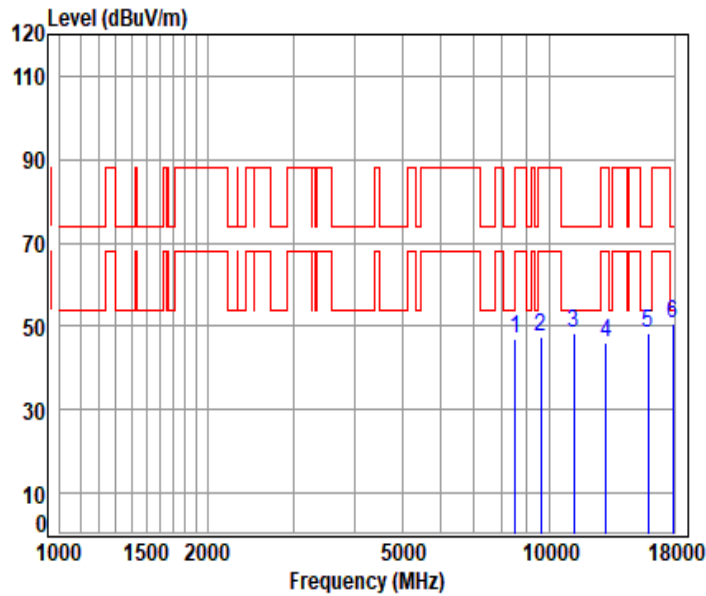
Mode : 6535 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8460.394	12.41	38.38	55.49	51.72	47.02	74.00	-26.98	peak
2	9663.813	12.80	38.70	54.40	49.64	46.74	88.20	-41.46	peak
3	11393.090	14.32	39.70	53.62	47.97	48.37	74.00	-25.63	peak
4	13070.000	15.42	40.30	54.49	46.38	47.61	88.20	-40.59	peak
5	15873.920	17.76	38.65	54.04	46.19	48.56	74.00	-25.44	peak
6	pp17869.110	19.22	42.91	54.47	42.80	50.46	74.00	-23.54	peak



11a_TX_CH_117_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

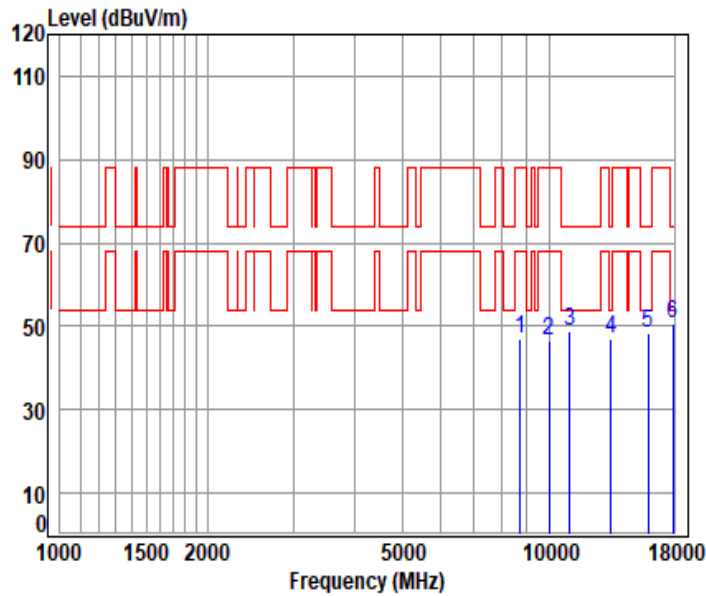
Mode : 6535 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8515.459	12.69	38.30	55.44	51.28	46.83	88.20	-41.37	peak
2	9593.540	12.58	38.80	54.47	50.47	47.38	88.20	-40.82	peak
3	11237.110	14.42	39.64	53.57	47.71	48.20	74.00	-25.80	peak
4	13070.000	15.42	40.30	54.49	45.07	46.30	88.20	-41.90	peak
5	15899.690	17.92	38.70	54.03	45.73	48.32	74.00	-25.68	peak
6	pp17869.110	19.22	42.91	54.47	42.83	50.49	74.00	-23.51	peak



11a_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

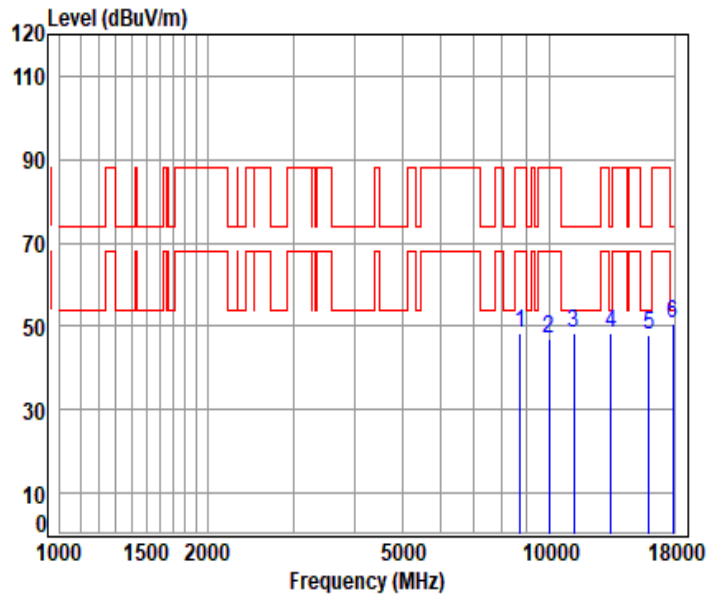
Mode : 6695 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8732.240	12.45	38.54	55.24	51.37	47.12	88.20	-41.08	peak
2	9998.623	12.96	38.90	54.10	48.98	46.74	88.20	-41.46	peak
3	10993.740	14.05	39.39	53.50	48.77	48.71	74.00	-25.29	peak
4	13390.000	15.69	40.30	54.46	45.45	46.98	74.00	-27.02	peak
5	15912.590	17.84	38.69	54.03	45.68	48.18	74.00	-25.82	peak
6	pp17869.110	19.22	42.91	54.47	42.79	50.45	74.00	-23.55	peak



11a_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

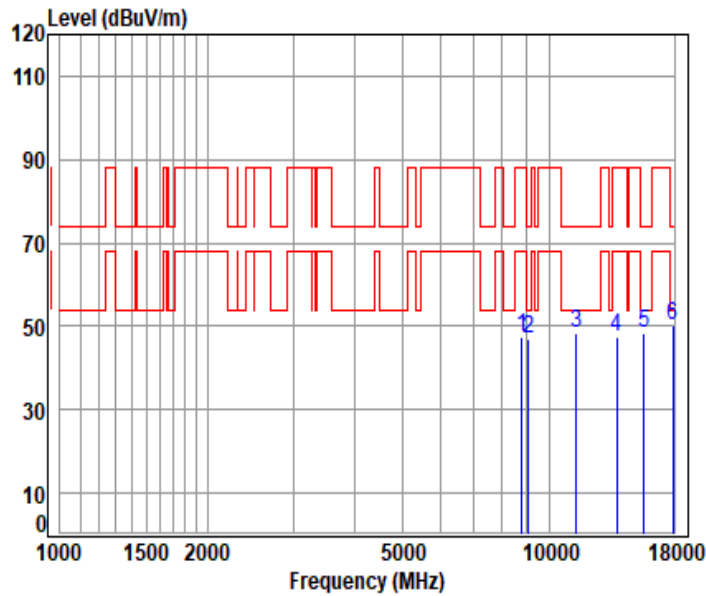
Mode : 6695 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8703.962	12.45	38.59	55.27	52.64	48.41	88.20	-39.79	peak
2	9990.518	12.95	38.90	54.11	49.45	47.19	88.20	-41.01	peak
3	11228.000	14.39	39.63	53.57	47.83	48.28	74.00	-25.72	peak
4	13390.000	15.69	40.30	54.46	46.97	48.50	74.00	-25.50	peak
5	15964.290	17.51	38.64	54.01	45.62	47.76	74.00	-26.24	peak
6	pp17869.110	19.22	42.91	54.47	43.12	50.78	74.00	-23.22	peak



11a_TX_CH_181_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

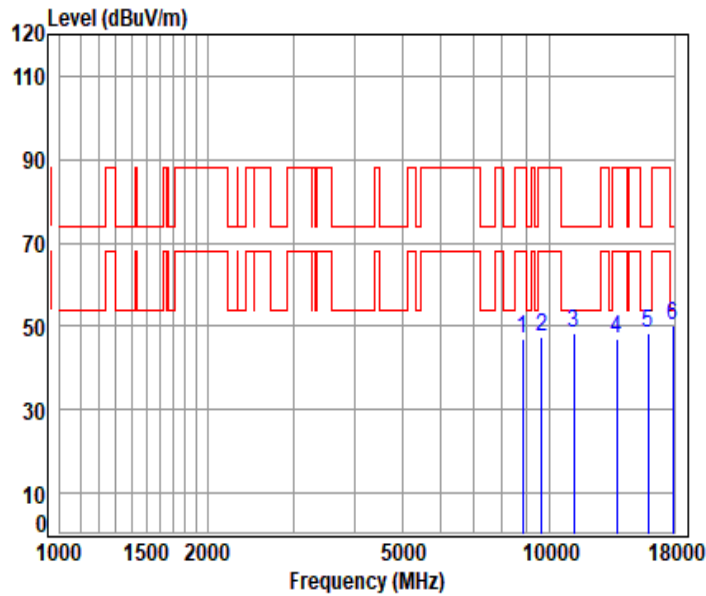
Mode : 6855 TX RSE

: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8796.205	12.45	38.50	55.18	51.46	47.23	88.20	-40.97	peak
9071.482	12.30	38.60	54.94	51.01	46.97	74.00	-27.03	peak
11365.410	14.41	39.70	53.61	47.87	48.37	74.00	-25.63	peak
13710.000	16.11	39.99	54.43	45.94	47.61	88.20	-40.59	peak
15631.220	17.12	38.53	54.11	46.66	48.20	74.00	-25.80	peak
p17869.110	19.22	42.91	54.47	42.46	50.12	74.00	-23.88	peak



11a_TX_CH_181_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

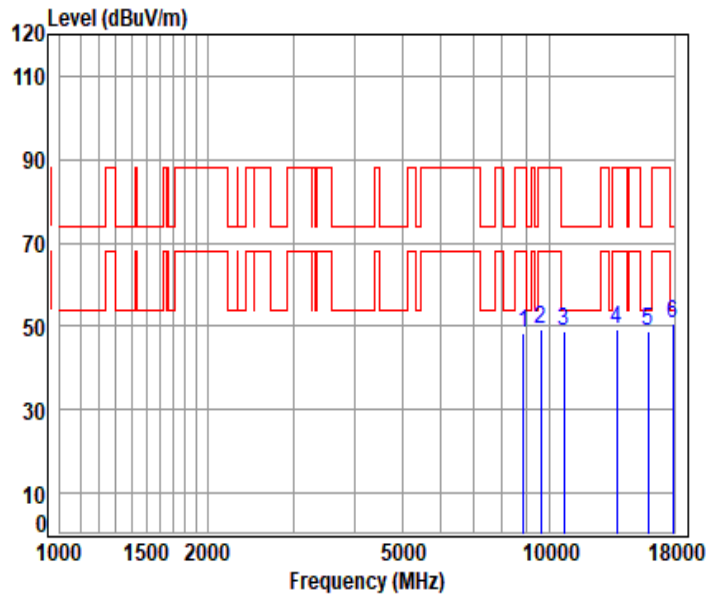
Mode : 6855 TX RSE

: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8817.630	12.48	38.50	55.16	51.37	47.19	88.20	-41.01	peak
9655.979	12.77	38.70	54.41	50.50	47.56	88.20	-40.64	peak
11228.000	14.39	39.63	53.57	48.08	48.53	74.00	-25.47	peak
13710.000	16.11	39.99	54.43	45.20	46.87	88.20	-41.33	peak
15912.590	17.84	38.69	54.03	45.88	48.38	74.00	-25.62	peak
p17869.110	19.22	42.91	54.47	42.69	50.35	74.00	-23.65	peak



11a_TX_CH_189_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

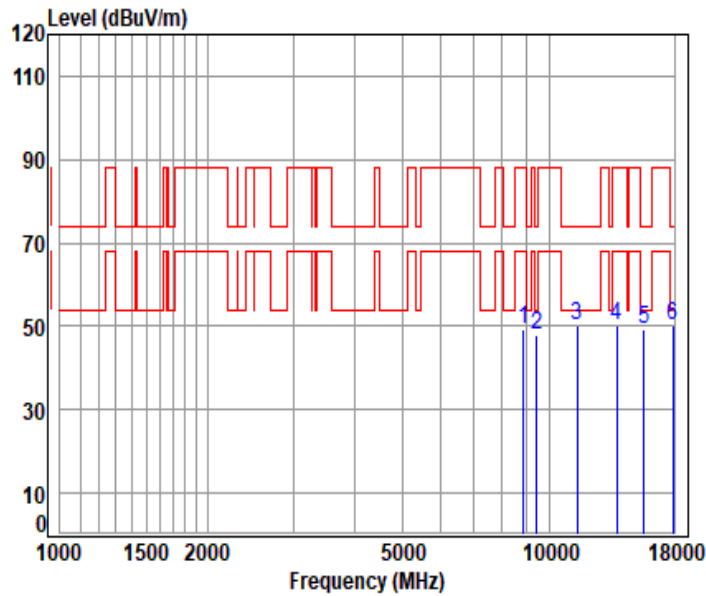
Mode : 6875 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8846.278	12.52	38.50	55.14	52.50	48.38	88.20	-39.82	peak
2	9601.322	12.58	38.80	54.46	52.15	49.07	88.20	-39.13	peak
3	10720.820	13.64	39.38	53.67	49.63	48.98	74.00	-25.02	peak
4	13750.000	15.89	39.95	54.43	47.82	49.23	88.20	-38.97	peak
5	15912.590	17.84	38.69	54.03	46.40	48.90	74.00	-25.10	peak
6	pp17869.110	19.22	42.91	54.47	42.99	50.65	74.00	-23.35	peak



11a_TX_CH_189_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

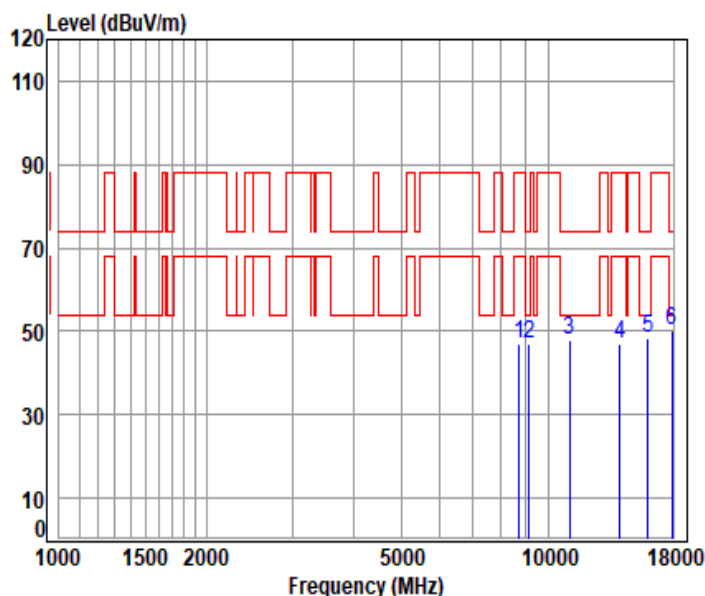
Mode : 6875 TX RSE

: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8846.278	12.52	38.50	55.14	53.23	49.11	88.20	-39.09	peak
9431.549	12.44	38.80	54.61	51.40	48.03	74.00	-25.97	peak
p11383.860	14.35	39.70	53.62	49.67	50.10	74.00	-23.90	peak
13750.000	15.89	39.95	54.43	48.57	49.98	88.20	-38.22	peak
15618.540	17.10	38.52	54.11	47.54	49.05	74.00	-24.95	peak
17869.110	19.22	42.91	54.47	42.36	50.02	74.00	-23.98	peak



11a_TX_CH_209_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

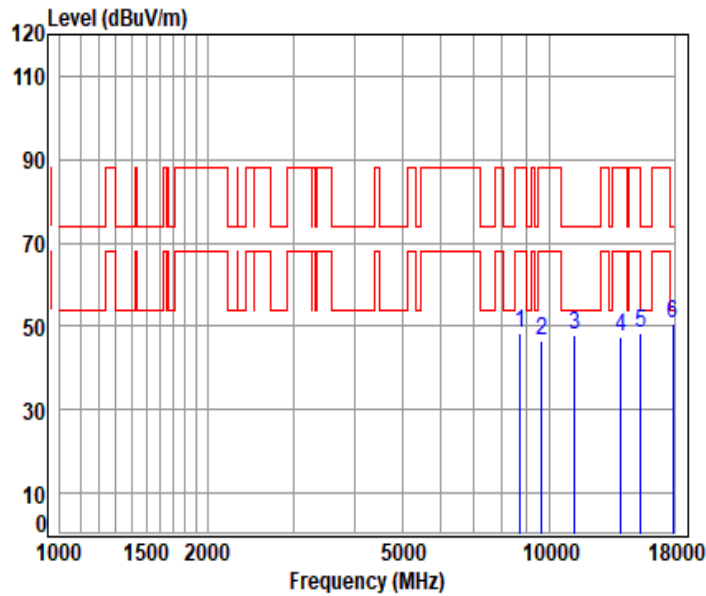
Mode : 6995 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8711.022	12.45	38.58	55.26	51.10	46.87	88.20	-41.33	peak
2	9137.932	12.34	38.68	54.88	50.81	46.95	74.00	-27.05	peak
3	11056.330	14.17	39.46	53.52	47.90	48.01	74.00	-25.99	peak
4	13990.000	16.42	39.90	54.40	44.87	46.79	88.20	-41.41	peak
5	15964.290	17.51	38.64	54.01	46.02	48.16	74.00	-25.84	peak
6	pp17869.110	19.22	42.91	54.47	42.52	50.18	74.00	-23.82	peak



11a_TX_CH_209_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

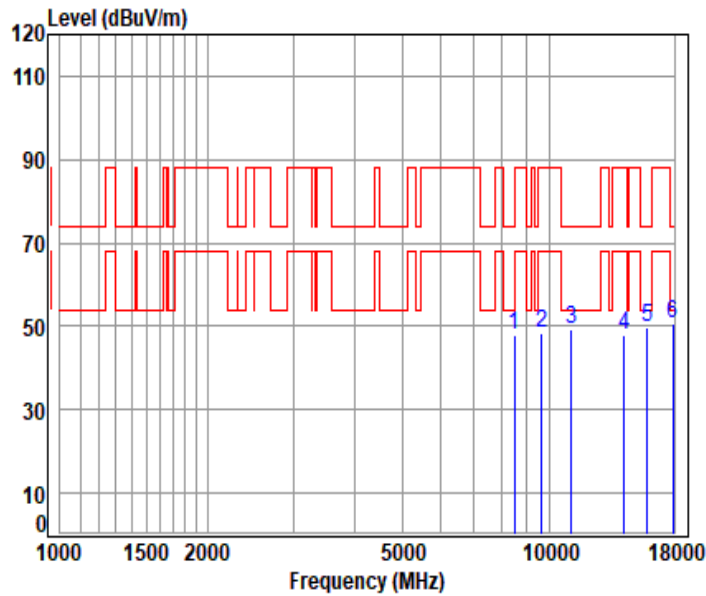
Mode : 6995 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8725.162	12.45	38.55	55.25	52.81	48.56	88.20	-39.64	peak
2	9648.152	12.74	38.70	54.42	49.73	46.75	88.20	-41.45	peak
3	11273.620	14.53	39.67	53.58	47.16	47.78	74.00	-26.22	peak
4	13990.000	16.42	39.90	54.40	45.75	47.67	88.20	-40.53	peak
5	15354.820	17.56	38.65	54.19	46.12	48.14	74.00	-25.86	peak
6	pp17869.110	19.22	42.91	54.47	42.81	50.47	74.00	-23.53	peak



11a_TX_CH_233_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

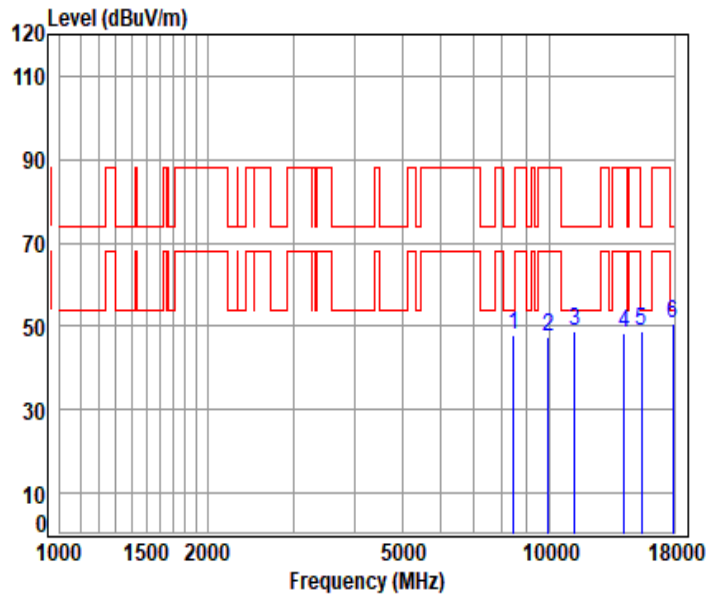
Mode : 7115 TX RSE

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8494.768	12.70	38.31	55.45	52.44	48.00	74.00	-26.00	peak
2	9663.813	12.80	38.70	54.40	51.42	48.52	88.20	-39.68	peak
3	11083.260	14.21	39.48	53.52	48.91	49.08	74.00	-24.92	peak
4	14230.000	16.31	39.80	54.38	46.40	48.13	88.20	-40.07	peak
5	15861.050	17.68	38.62	54.04	47.42	49.68	74.00	-24.32	peak
6	pp17869.110	19.22	42.91	54.47	42.76	50.42	74.00	-23.58	peak



11a_TX_CH_233_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

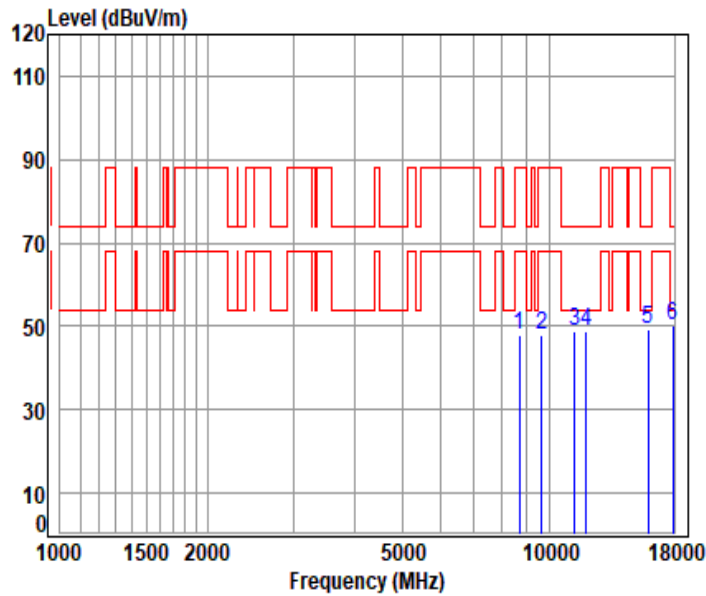
Mode : 7115 TX RSE

: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8439.837	12.23	38.44	55.50	52.90	48.07	74.00	-25.93	peak
9942.026	12.87	38.90	54.15	50.01	47.63	88.20	-40.57	peak
11264.480	14.50	39.66	53.58	48.45	49.03	74.00	-24.97	peak
14230.000	16.31	39.80	54.38	46.66	48.39	88.20	-39.81	peak
15417.210	17.85	38.60	54.17	46.34	48.62	74.00	-25.38	peak
p17869.110	19.22	42.91	54.47	43.04	50.70	74.00	-23.30	peak



11ax_20M_TX_CH_001_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

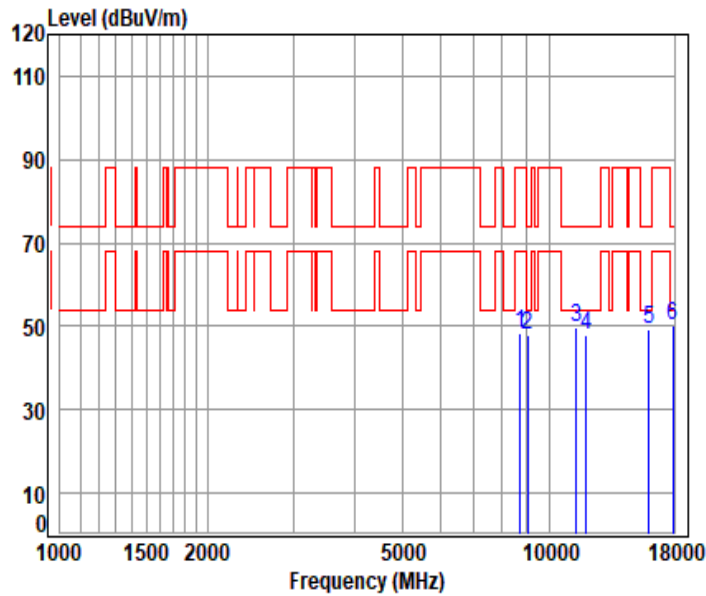
Mode : 5955 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8675.774	12.42	38.50	55.29	52.25	47.88	88.20	-40.32	peak
9655.979	12.77	38.70	54.41	50.84	47.90	88.20	-40.30	peak
11255.350	14.48	39.66	53.58	48.47	49.03	74.00	-24.97	peak
11910.000	14.62	39.71	53.77	48.24	48.80	74.00	-25.20	peak
15899.690	17.92	38.70	54.03	46.81	49.40	74.00	-24.60	peak
p17865.000	19.21	42.89	54.47	42.54	50.17	74.00	-23.83	peak



11ax_20M_TX_CH_001_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

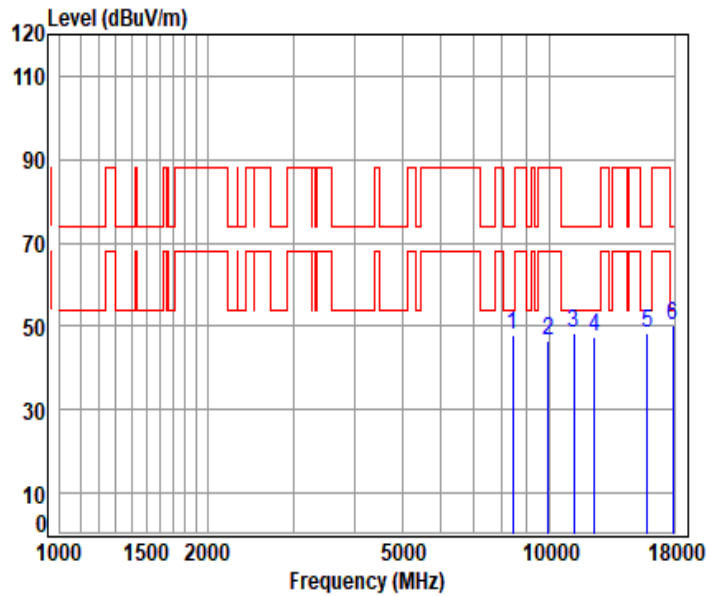
Mode : 5955 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8703.962	12.45	38.59	55.27	52.44	48.21	88.20	-39.99	peak
9027.452	12.34	38.60	54.98	52.08	48.04	74.00	-25.96	peak
11346.990	14.46	39.70	53.60	48.95	49.51	74.00	-24.49	peak
11910.000	14.62	39.71	53.77	47.14	47.70	74.00	-26.30	peak
15951.340	17.59	38.65	54.01	47.01	49.24	74.00	-24.76	peak
p17865.000	19.21	42.89	54.47	42.75	50.38	74.00	-23.62	peak



11ax_20M_TX_CH_045_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

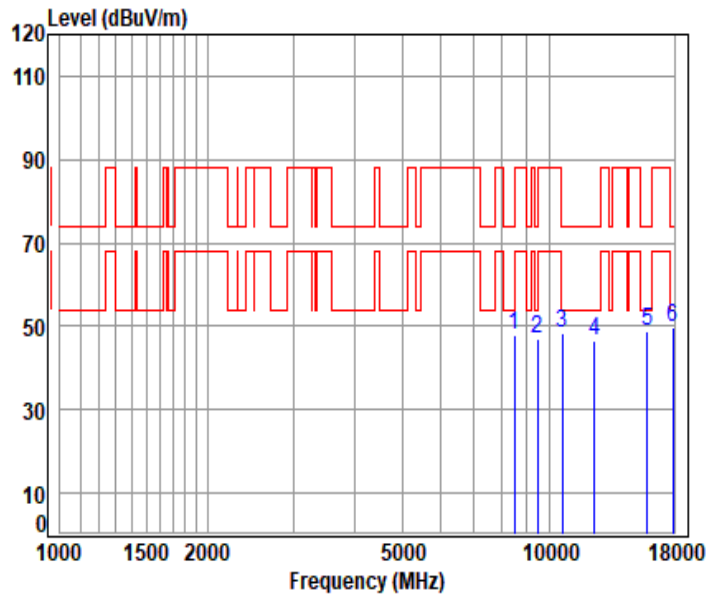
Mode : 6175 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8426.159	12.11	38.50	55.52	52.64	47.73	74.00	-26.27	peak
9966.242	12.91	38.90	54.13	49.07	46.75	88.20	-41.45	peak
11237.110	14.42	39.64	53.57	47.93	48.42	74.00	-25.58	peak
12350.000	14.81	39.85	54.04	46.81	47.43	74.00	-26.57	peak
15886.800	17.84	38.67	54.03	45.69	48.17	74.00	-25.83	peak
p17869.110	19.22	42.91	54.47	42.56	50.22	74.00	-23.78	peak



11ax_20M_TX_CH_045_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

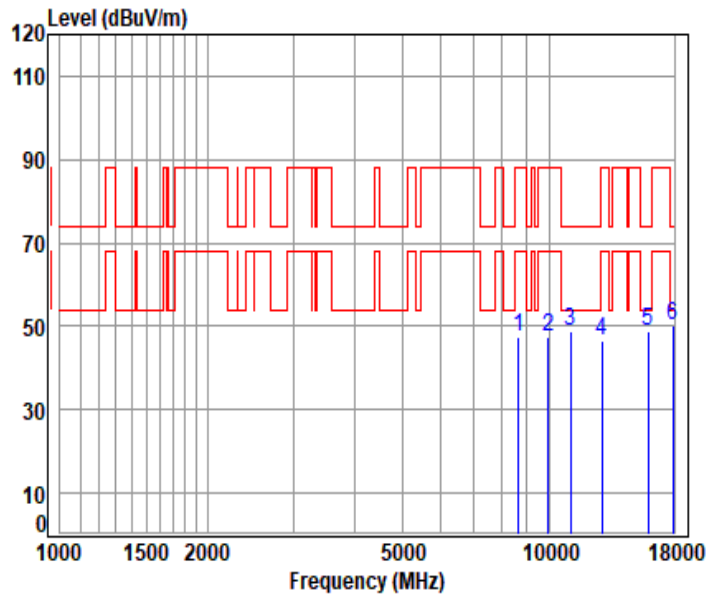
Mode : 6175 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8481.001	12.58	38.34	55.47	52.35	47.80	74.00	-26.20	peak
9454.522	12.48	38.81	54.59	50.14	46.84	74.00	-27.16	peak
10617.000	13.51	39.32	53.73	49.29	48.39	74.00	-25.61	peak
12350.000	14.81	39.85	54.04	45.87	46.49	74.00	-27.51	peak
15873.920	17.76	38.65	54.04	46.55	48.92	74.00	-25.08	peak
p17869.110	19.22	42.91	54.47	41.88	49.54	74.00	-24.46	peak



11ax_20M_TX_CH_093_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

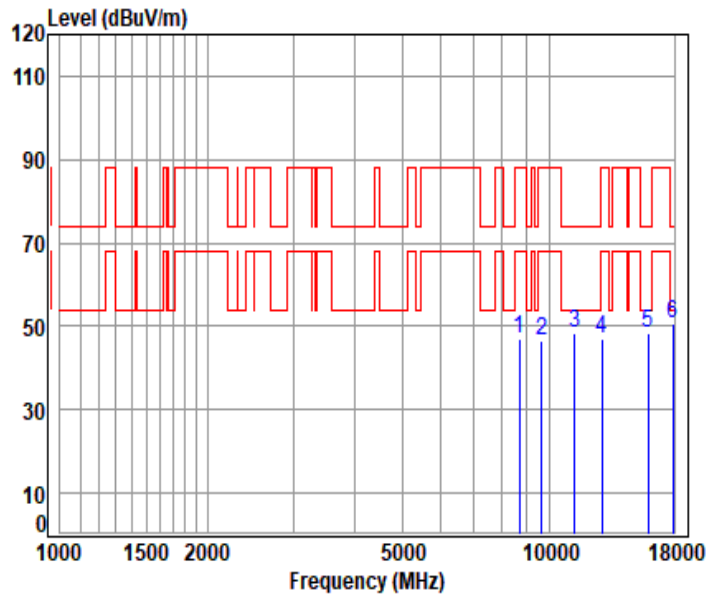
Mode : 6415 TX RSE

: WIFI 6E 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8661.715	12.41	38.45	55.30	51.89	47.45	88.20	-40.75	peak
2	9958.164	12.90	38.90	54.14	49.73	47.39	88.20	-40.81	peak
3	11065.290	14.18	39.47	53.52	48.58	48.71	74.00	-25.29	peak
4	12830.000	15.28	40.33	54.38	45.13	46.36	88.20	-41.84	peak
5	15938.420	17.67	38.66	54.02	46.52	48.83	74.00	-25.17	peak
6	pp17869.110	19.22	42.91	54.47	42.34	50.00	74.00	-24.00	peak



11ax_20M_TX_CH_093_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

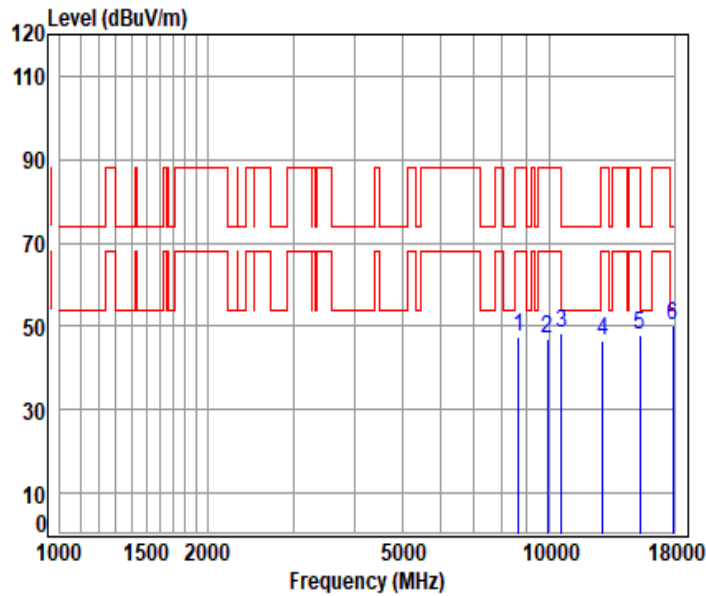
Mode : 6415 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8696.906	12.45	38.59	55.27	51.45	47.22	88.20	-40.98	peak
9640.331	12.72	38.72	54.42	49.57	46.59	88.20	-41.61	peak
11273.620	14.53	39.67	53.58	47.54	48.16	74.00	-25.84	peak
12830.000	15.28	40.33	54.38	45.67	46.90	88.20	-41.30	peak
15899.690	17.92	38.70	54.03	45.58	48.17	74.00	-25.83	peak
p17869.110	19.22	42.91	54.47	42.86	50.52	74.00	-23.48	peak



11ax_20M_TX_CH_097_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

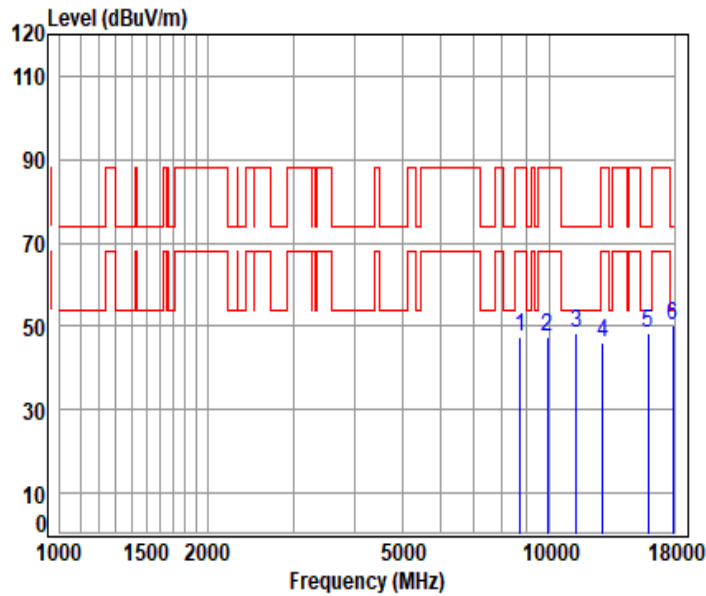
Mode : 6435 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8661.715	12.41	38.45	55.30	51.92	47.48	88.20	-40.72	peak
9925.915	12.85	38.90	54.17	49.57	47.15	88.20	-41.05	peak
10599.790	13.47	39.30	53.74	49.43	48.46	88.20	-39.74	peak
12870.000	15.31	40.37	54.41	45.26	46.53	88.20	-41.67	peak
15317.510	17.24	38.68	54.20	46.05	47.77	88.20	-40.43	peak
p17869.110	19.22	42.91	54.47	42.69	50.35	74.00	-23.65	peak



11ax_20M_TX_CH_097_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

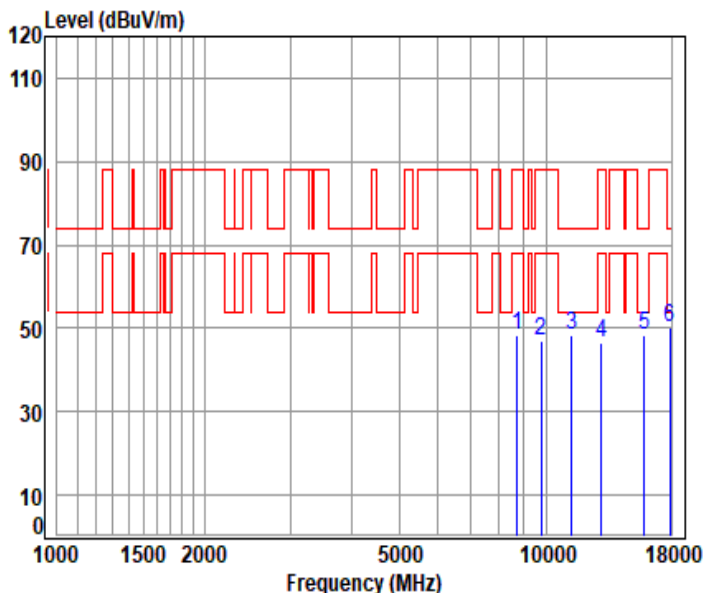
Mode : 6435 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8711.022	12.45	38.58	55.26	51.66	47.43	88.20	-40.77	peak
9901.796	12.81	38.90	54.19	49.95	47.47	88.20	-40.73	peak
11337.790	14.49	39.70	53.60	48.00	48.59	74.00	-25.41	peak
12870.000	15.31	40.37	54.41	44.92	46.19	88.20	-42.01	peak
15912.590	17.84	38.69	54.03	45.82	48.32	74.00	-25.68	peak
p17869.110	19.22	42.91	54.47	42.37	50.03	74.00	-23.97	peak



11ax_20M_TX_CH_105_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

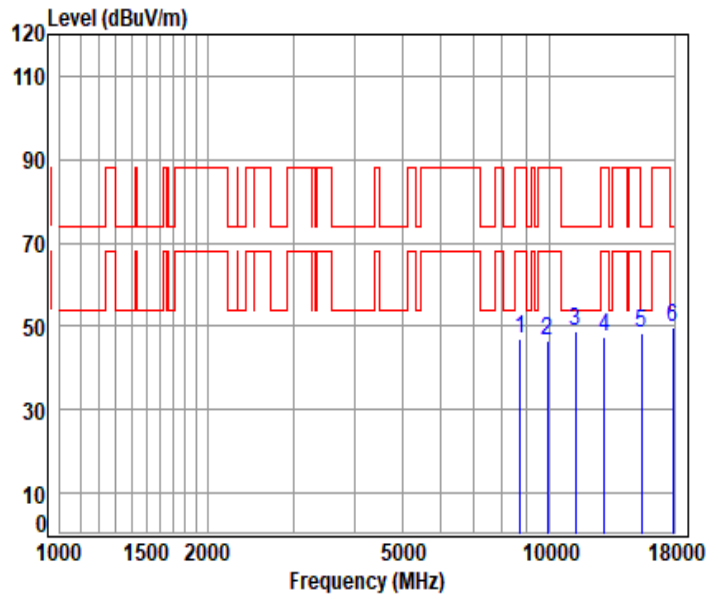
Mode : 6475 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8703.962	12.45	38.59	55.27	52.48	48.25	88.20	-39.95	peak
9766.229	12.93	38.60	54.31	49.86	47.08	88.20	-41.12	peak
11246.220	14.45	39.65	53.57	47.77	48.30	74.00	-25.70	peak
12950.000	15.35	40.35	54.47	45.36	46.59	88.20	-41.61	peak
15886.800	17.84	38.67	54.03	45.98	48.46	74.00	-25.54	peak
17869.110	19.22	42.91	54.47	42.70	50.36	74.00	-23.64	peak



11ax_20M_TX_CH_105_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

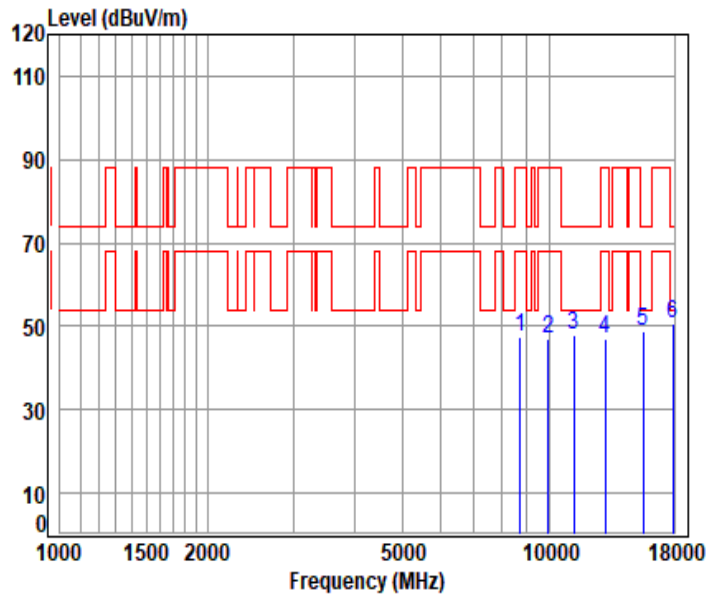
Mode : 6475 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8711.022	12.45	38.58	55.26	51.39	47.16	88.20	-41.04	peak
9925.915	12.85	38.90	54.17	48.80	46.38	88.20	-41.82	peak
11291.910	14.59	39.69	53.59	47.95	48.64	74.00	-25.36	peak
12950.000	15.35	40.35	54.47	46.43	47.66	88.20	-40.54	peak
15429.710	17.78	38.60	54.17	46.25	48.46	74.00	-25.54	peak
p17869.110	19.22	42.91	54.47	41.96	49.62	74.00	-24.38	peak



11ax_20M_TX_CH_113_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

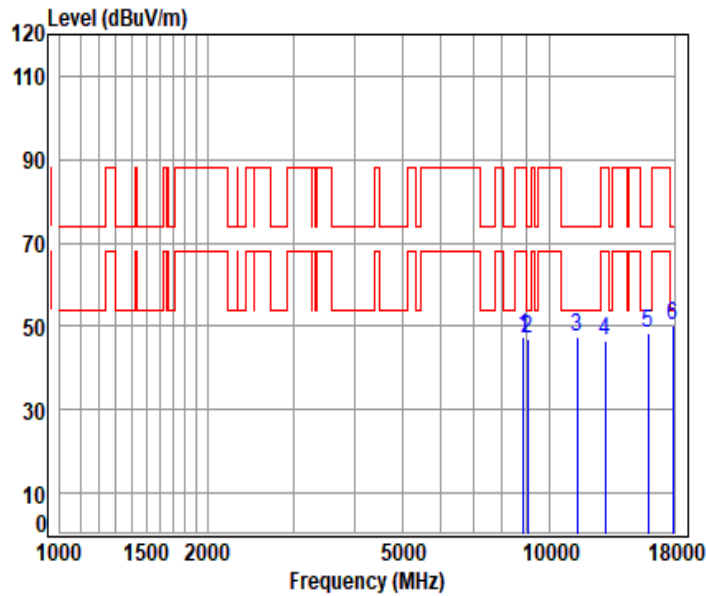
Mode : 6515 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8732.240	12.45	38.54	55.24	51.56	47.31	88.20	-40.89	peak
9950.092	12.89	38.90	54.14	49.26	46.91	88.20	-41.29	peak
11209.800	14.34	39.61	53.56	47.45	47.84	74.00	-26.16	peak
13030.000	15.39	40.30	54.50	45.76	46.95	88.20	-41.25	peak
15580.590	17.13	38.52	54.13	47.15	48.67	74.00	-25.33	peak
p17869.110	19.22	42.91	54.47	43.20	50.86	74.00	-23.14	peak



11ax_20M_TX_CH_113_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

Mode : 6515 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8860.638	12.54	38.52	55.13	51.70	47.63	88.20	-40.57	peak
9027.452	12.34	38.60	54.98	51.00	46.96	74.00	-27.04	peak
11383.860	14.35	39.70	53.62	46.97	47.40	74.00	-26.60	peak
13030.000	15.39	40.30	54.50	45.26	46.45	88.20	-41.75	peak
15899.690	17.92	38.70	54.03	45.58	48.17	74.00	-25.83	peak
p17869.110	19.22	42.91	54.47	42.51	50.17	74.00	-23.83	peak



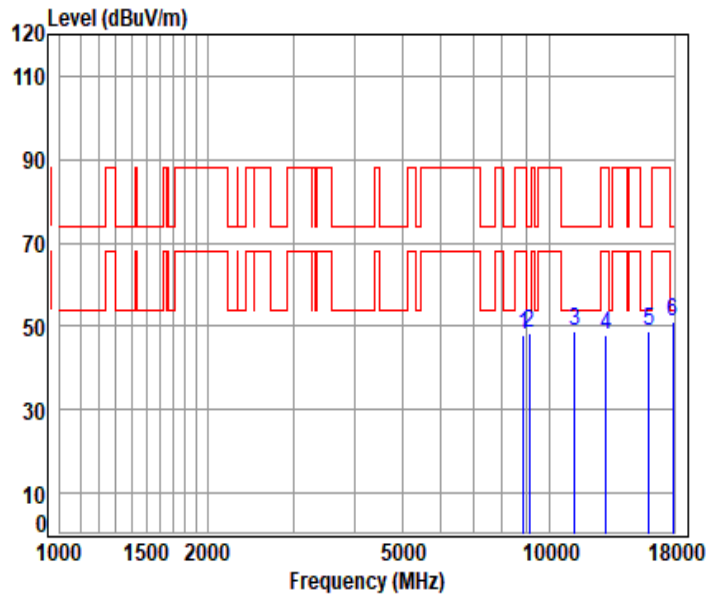
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11ax_20M_TX_CH_117_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

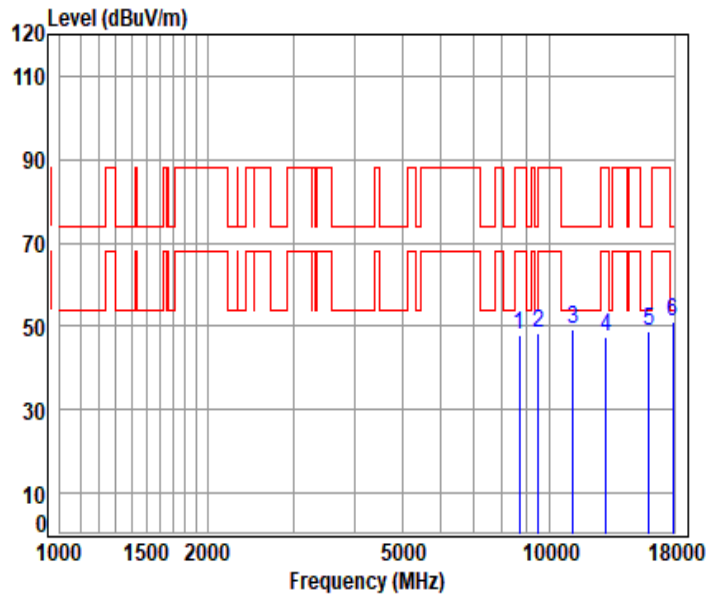
Mode : 6535 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8867.826	12.55	38.54	55.12	51.95	47.92	88.20	-40.28	peak
9086.207	12.28	38.60	54.92	52.62	48.58	74.00	-25.42	peak
11255.350	14.48	39.66	53.58	48.36	48.92	74.00	-25.08	peak
13070.000	15.42	40.30	54.49	46.56	47.79	88.20	-40.41	peak
15977.240	17.43	38.62	54.01	46.65	48.69	74.00	-25.31	peak
p17869.110	19.22	42.91	54.47	43.25	50.91	74.00	-23.09	peak



11ax_20M_TX_CH_117_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

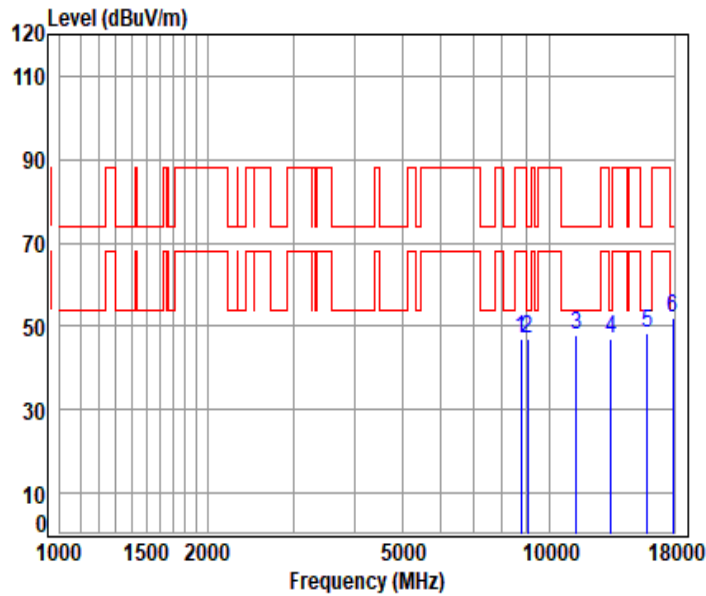
Mode : 6535 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8675.774	12.42	38.50	55.29	52.50	48.13	88.20	-40.07	peak
9500.636	12.58	38.90	54.55	51.42	48.35	88.20	-39.85	peak
11173.500	14.29	39.57	53.55	49.07	49.38	74.00	-24.62	peak
13070.000	15.42	40.30	54.49	46.31	47.54	88.20	-40.66	peak
15977.240	17.43	38.62	54.01	46.83	48.87	74.00	-25.13	peak
p17869.110	19.22	42.91	54.47	43.32	50.98	74.00	-23.02	peak



11ax_20M_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

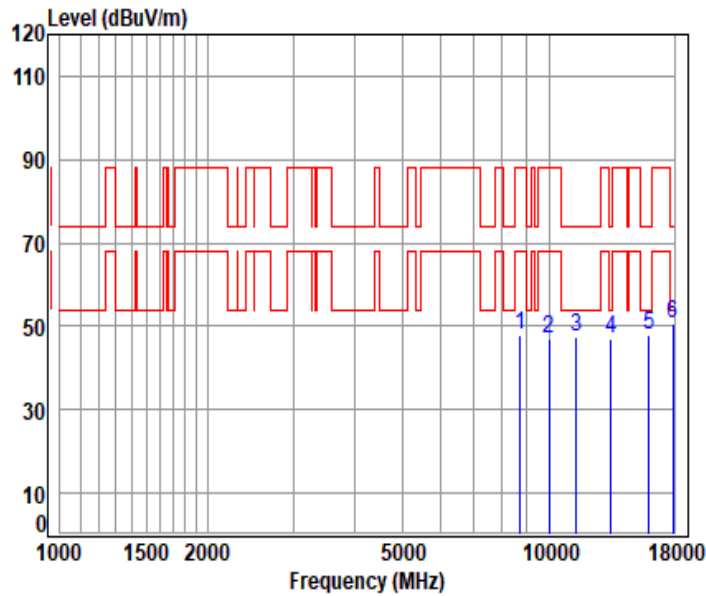
Mode : 6695 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8753.511	12.45	38.50	55.22	51.42	47.15	88.20	-41.05	peak
9034.775	12.34	38.60	54.97	50.86	46.83	74.00	-27.17	peak
11346.990	14.46	39.70	53.60	47.29	47.85	74.00	-26.15	peak
13390.000	15.69	40.30	54.46	45.37	46.90	74.00	-27.10	peak
15873.920	17.76	38.65	54.04	45.77	48.14	74.00	-25.86	peak
p17869.110	19.22	42.91	54.47	44.57	52.23	74.00	-21.77	peak



11ax_20M_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

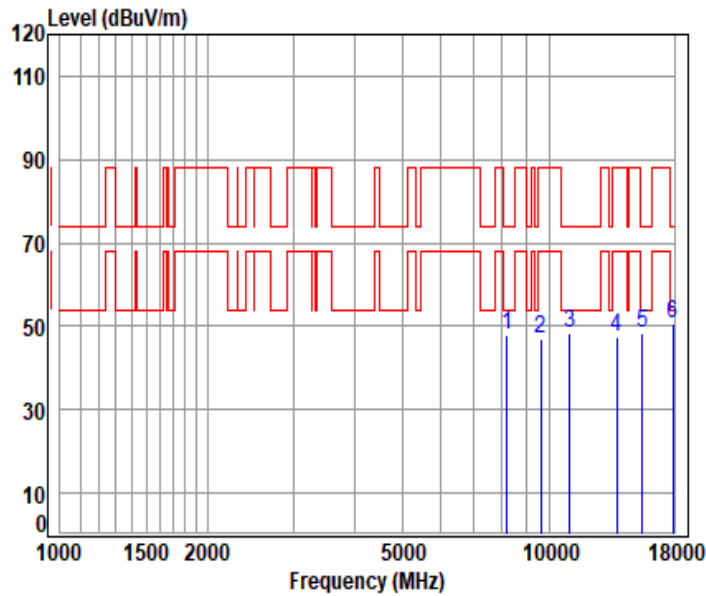
Mode : 6695 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8703.962	12.45	38.59	55.27	52.02	47.79	88.20	-40.41	peak
9998.623	12.96	38.90	54.10	49.10	46.86	88.20	-41.34	peak
11346.990	14.46	39.70	53.60	47.06	47.62	74.00	-26.38	peak
13390.000	15.69	40.30	54.46	45.63	47.16	74.00	-26.84	peak
15977.240	17.43	38.62	54.01	45.85	47.89	74.00	-26.11	peak
p17869.110	19.22	42.91	54.47	42.99	50.65	74.00	-23.35	peak



11ax_20M_TX_CH_181_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

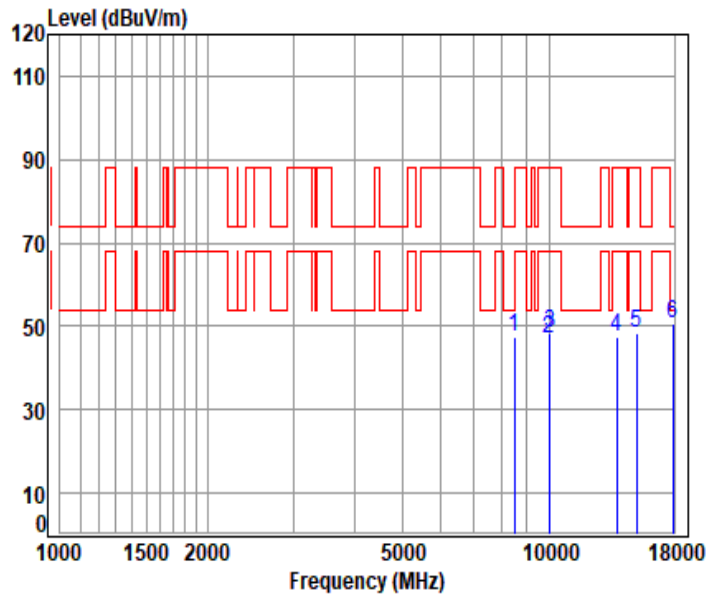
Mode : 6855 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8203.660	11.89	37.99	55.72	53.65	47.81	74.00	-26.19	peak
9624.709	12.66	38.75	54.44	50.14	47.11	88.20	-41.09	peak
11020.520	14.10	39.42	53.51	48.20	48.21	74.00	-25.79	peak
13710.000	16.11	39.99	54.43	45.60	47.27	88.20	-40.93	peak
15467.290	17.57	38.60	54.16	46.24	48.25	74.00	-25.75	peak
p17869.110	19.22	42.91	54.47	43.11	50.77	74.00	-23.23	peak



11ax_20M_TX_CH_181_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

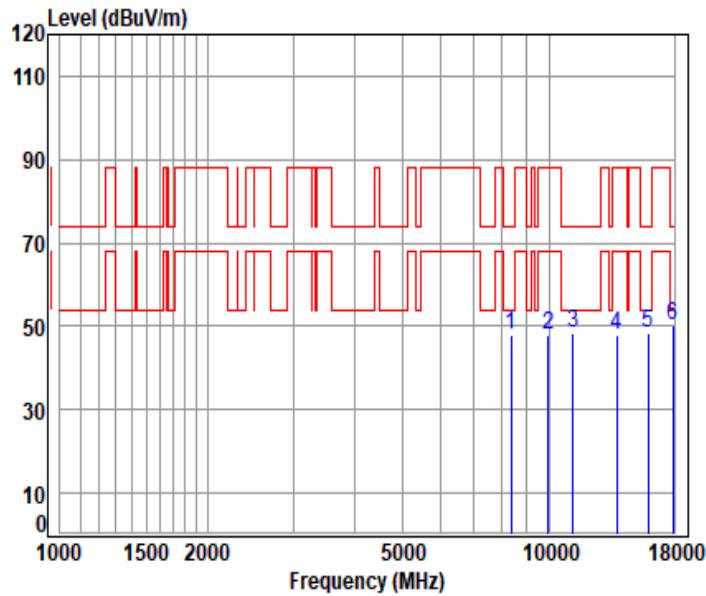
Mode : 6855 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8501.659	12.74	38.30	55.45	51.93	47.52	88.20	-40.68	peak
9998.623	12.96	38.90	54.10	49.21	46.97	88.20	-41.23	peak
10014.850	12.97	38.93	54.09	50.34	48.15	88.20	-40.05	peak
13710.000	16.11	39.99	54.43	45.56	47.23	88.20	-40.97	peak
15095.550	16.69	38.70	54.27	47.03	48.15	88.20	-40.05	peak
p17869.110	19.22	42.91	54.47	43.02	50.68	74.00	-23.32	peak



11ax_20M_TX_CH_189_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

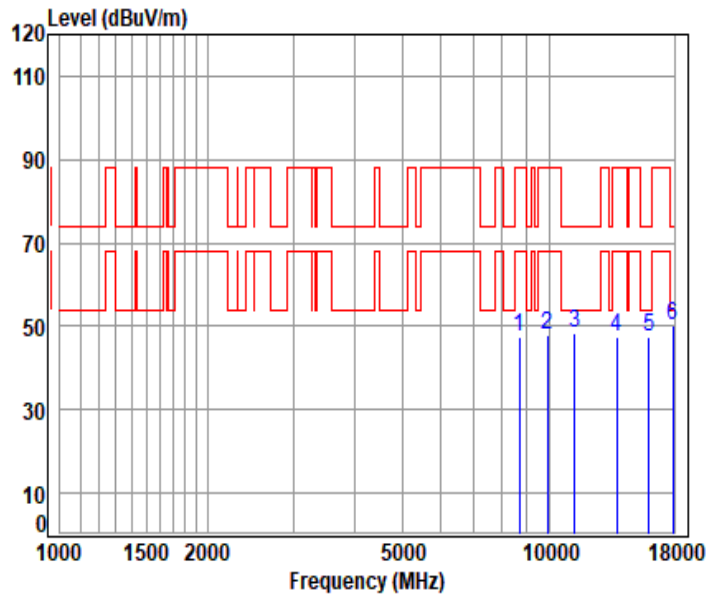
Mode : 6875 TX RSE

: WIFI 6E 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8351.330	11.95	38.70	55.58	52.78	47.85	74.00	-26.15	peak
2	9933.967	12.86	38.90	54.16	50.34	47.94	88.20	-40.26	peak
3	11182.560	14.30	39.58	53.55	48.20	48.53	74.00	-25.47	peak
4	13750.000	15.89	39.95	54.43	46.38	47.79	88.20	-40.41	peak
5	15925.500	17.76	38.67	54.02	46.15	48.56	74.00	-25.44	peak
6	pp17869.110	19.22	42.91	54.47	42.54	50.20	74.00	-23.80	peak



11ax_20M_TX_CH_189_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

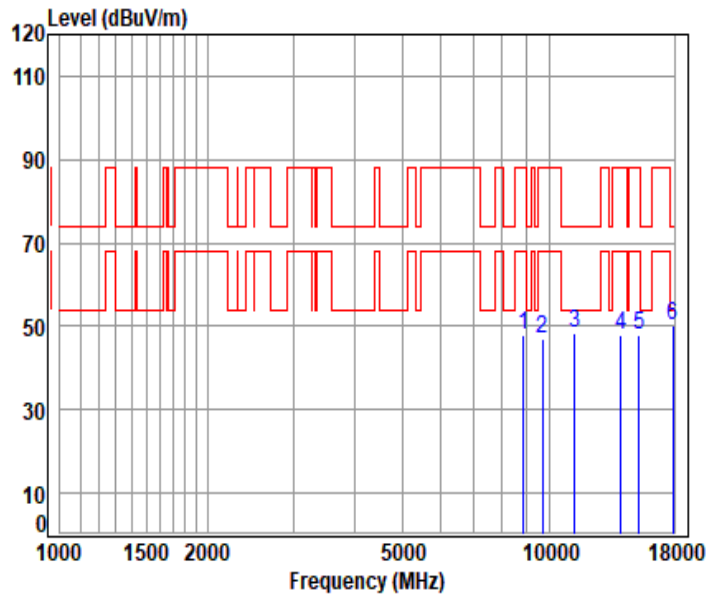
Mode : 6875 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8682.813	12.43	38.53	55.29	51.69	47.36	88.20	-40.84	peak
9901.796	12.81	38.90	54.19	50.23	47.75	88.20	-40.45	peak
11282.760	14.56	39.68	53.58	47.54	48.20	74.00	-25.80	peak
13750.000	15.89	39.95	54.43	46.05	47.46	88.20	-40.74	peak
15964.290	17.51	38.64	54.01	45.36	47.50	74.00	-26.50	peak
p17869.110	19.22	42.91	54.47	42.41	50.07	74.00	-23.93	peak



11ax_20M_TX_CH_209_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

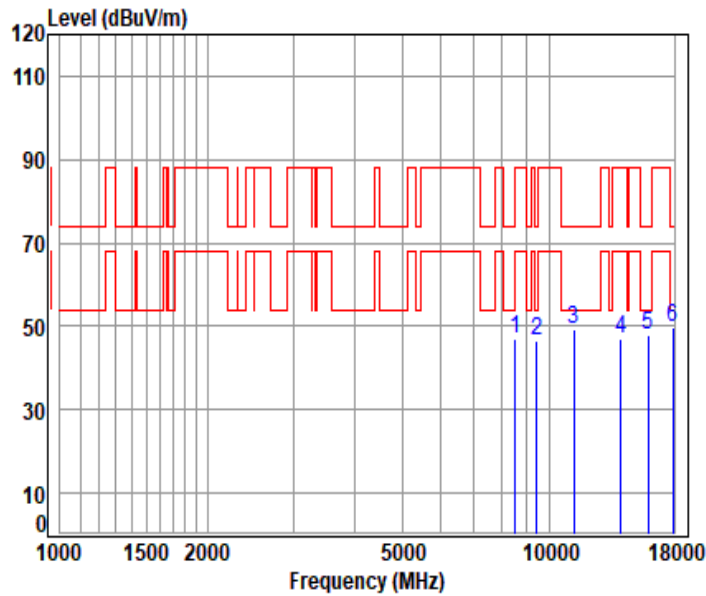
Mode : 6995 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8853.455	12.53	38.51	55.13	51.78	47.69	88.20	-40.51	peak
9679.499	12.85	38.70	54.39	49.64	46.80	88.20	-41.40	peak
11246.220	14.45	39.65	53.57	47.78	48.31	74.00	-25.69	peak
13990.000	16.42	39.90	54.40	45.81	47.73	88.20	-40.47	peak
15255.530	16.92	38.74	54.22	46.45	47.89	88.20	-40.31	peak
p17869.110	19.22	42.91	54.47	42.37	50.03	74.00	-23.97	peak



11ax_20M_TX_CH_209_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

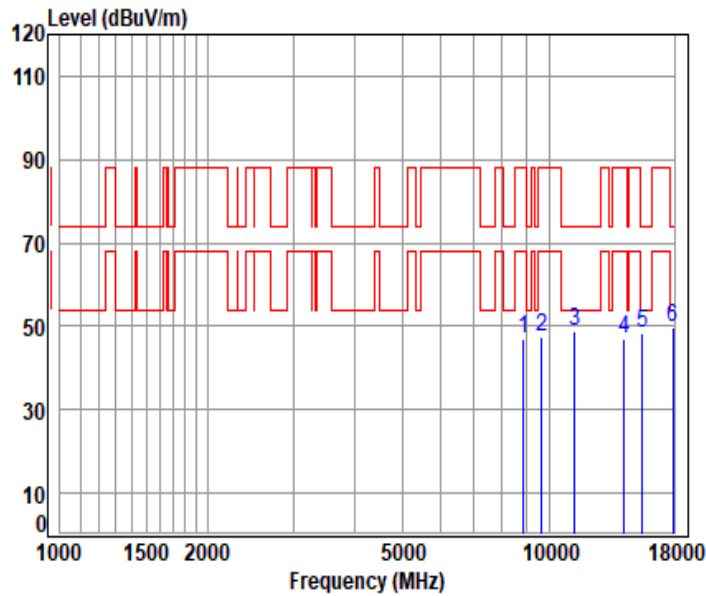
Mode : 6995 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8529.280	12.63	38.30	55.42	51.47	46.98	88.20	-41.22	peak
9439.201	12.45	38.80	54.60	49.89	46.54	74.00	-27.46	peak
11209.800	14.34	39.61	53.56	48.85	49.24	74.00	-24.76	peak
13990.000	16.42	39.90	54.40	44.92	46.84	88.20	-41.36	peak
15925.500	17.76	38.67	54.02	45.56	47.97	74.00	-26.03	peak
p17869.110	19.22	42.91	54.47	42.17	49.83	74.00	-24.17	peak



11ax_20M_TX_CH_233_Horizontal



Condition: 3m HORIZONTAL

Job No : 01359NO/01361MO

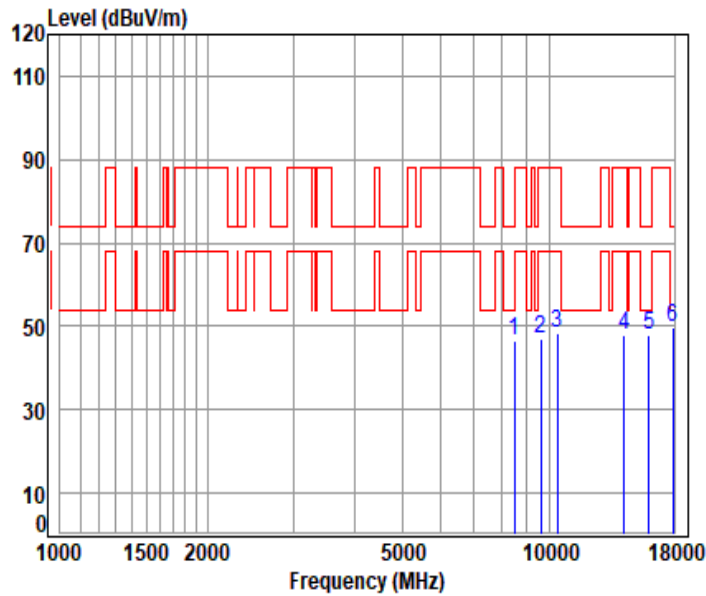
Mode : 7115 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8860.638	12.54	38.52	55.13	51.23	47.16	88.20	-41.04	peak
9640.331	12.72	38.72	54.42	50.29	47.31	88.20	-40.89	peak
11273.620	14.53	39.67	53.58	47.99	48.61	74.00	-25.39	peak
14230.000	16.31	39.80	54.38	45.19	46.92	88.20	-41.28	peak
15492.400	17.43	38.60	54.15	46.35	48.23	74.00	-25.77	peak
p17869.110	19.22	42.91	54.47	42.25	49.91	74.00	-24.09	peak



11ax_20M_TX_CH_233_Vertical



Condition: 3m VERTICAL

Job No : 01359NO/01361MO

Mode : 7115 TX RSE

: WIFI 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
8474.127	12.52	38.35	55.47	51.10	46.50	74.00	-27.50	peak
9601.322	12.58	38.80	54.46	50.04	46.96	88.20	-41.24	peak
10395.490	13.34	39.00	53.86	49.77	48.25	88.20	-39.95	peak
14230.000	16.31	39.80	54.38	46.17	47.90	88.20	-40.30	peak
15964.290	17.51	38.64	54.01	45.60	47.74	74.00	-26.26	peak
p17869.110	19.22	42.91	54.47	42.20	49.86	74.00	-24.14	peak



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7.5 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2013) Section 6.10.5

Measurement Distance: 3m

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 24.5 °C

Humidity: 50.8 % RH

Atmospheric Pressure: 1020 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	11	TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	13	TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	14	TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.



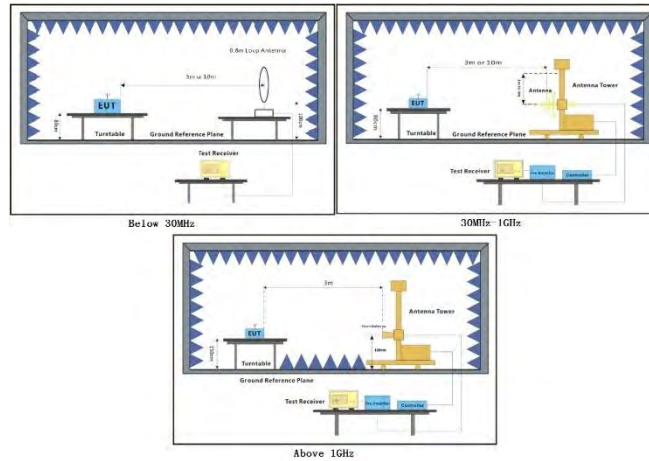
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7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

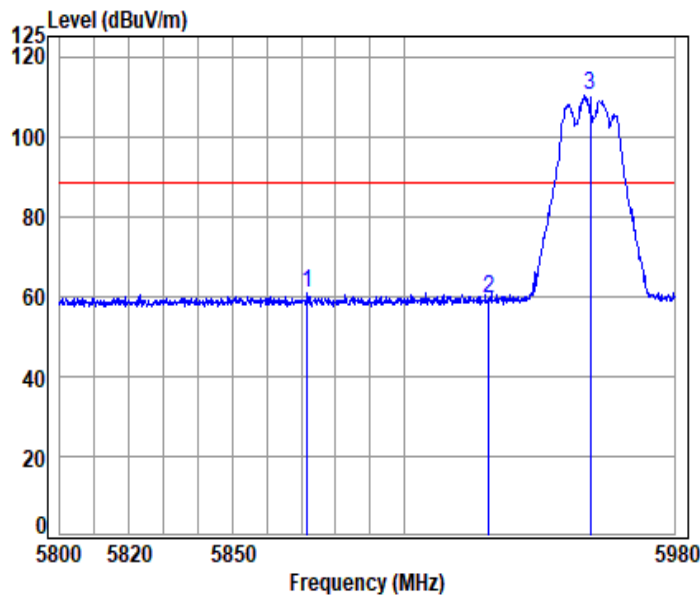
Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Remark 2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.

Remark 3. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $< 98\%$) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.



11a_TX_CH_001_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01359MO/01361MO

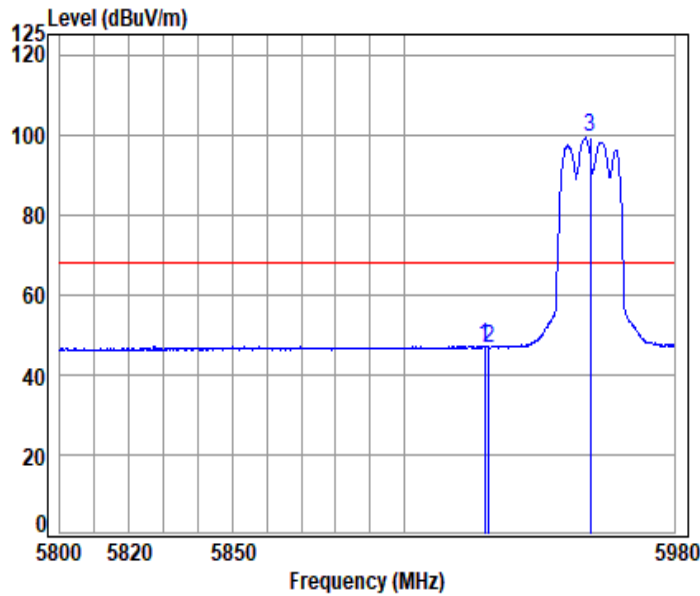
Mode : 5955 Band edge

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5871.699	10.93	33.56	30.55	46.77	60.71	88.20	-27.49 peak
2	5925.000	10.87	33.55	30.53	45.57	59.46	88.20	-28.74 peak
3 pp	5955.000	10.85	33.62	30.52	96.43	110.38	88.20	22.18 peak



11a_TX_CH_001_Horizontal-AVG



Condition: 3m HORIZONTAL

Job No : 01359MO/01361MO

Mode : 5955 Band edge

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5923.973	10.87	33.55	30.53	33.13	47.02	68.20	-21.18 Average
2	5925.000	10.87	33.55	30.53	32.77	46.66	68.20	-21.54 Average
3 pp	5955.000	10.85	33.62	30.52	85.37	99.32	68.20	31.12 Average



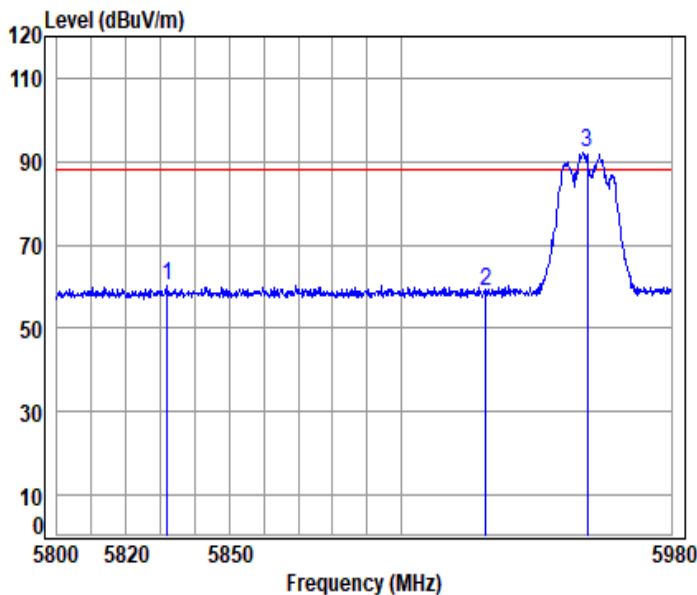
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11a_TX_CH_001_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01359M0/01361M0

Mode : 5955 Band edge

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5831.995	10.98	33.53	30.57	46.38	60.32	88.20	-27.88	peak
2	5925.000	10.87	33.55	30.53	44.79	58.68	88.20	-29.52	peak
3 pp	5955.000	10.85	33.62	30.52	78.27	92.22	88.20	4.02	peak



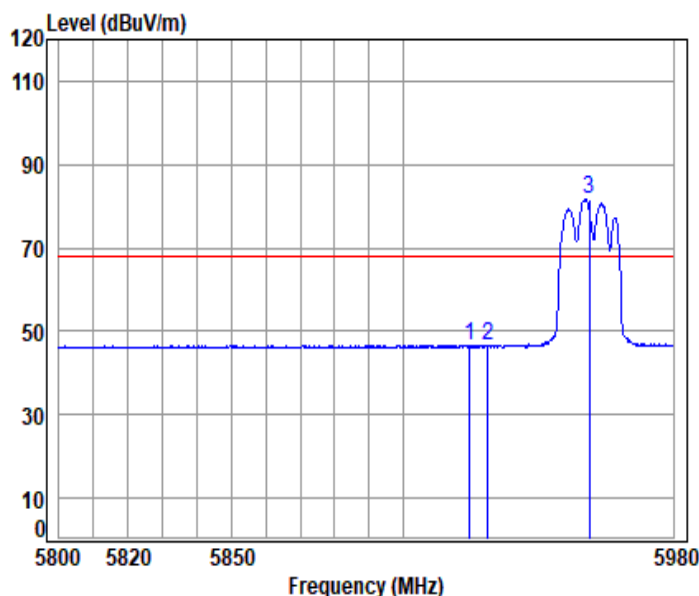
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11a_TX_CH_001_Vertical-AVG



Condition: 3m VERTICAL

Job No : 01359MO/01361MO

Mode : 5955 Band edge

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5919.810	10.87	33.54	30.53	32.85	46.73	68.20	-21.47	Average
2	5925.000	10.87	33.55	30.53	32.70	46.59	68.20	-21.61	Average
3 pp	5955.000	10.85	33.62	30.52	67.71	81.66	68.20	13.46	Average



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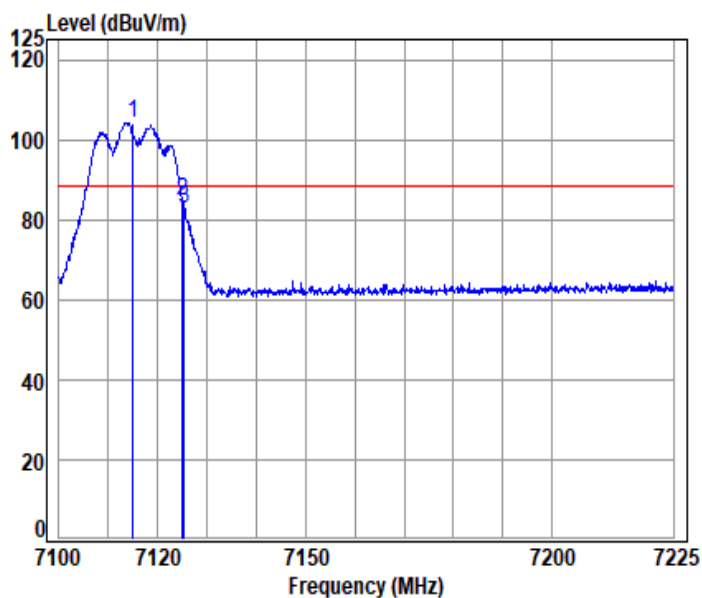
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SZEMC-TRF-01 Rev. A/1

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11a_TX_CH_233_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01359MO/01361MO

Mode : 7115 Band edge

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 7115.000	11.81	36.43	31.26	87.21	104.19	88.20	15.99	peak
2	7125.000	11.82	36.45	31.26	67.74	84.75	88.20	-3.45	peak
3	7125.323	11.82	36.45	31.26	65.77	82.78	88.20	-5.42	peak



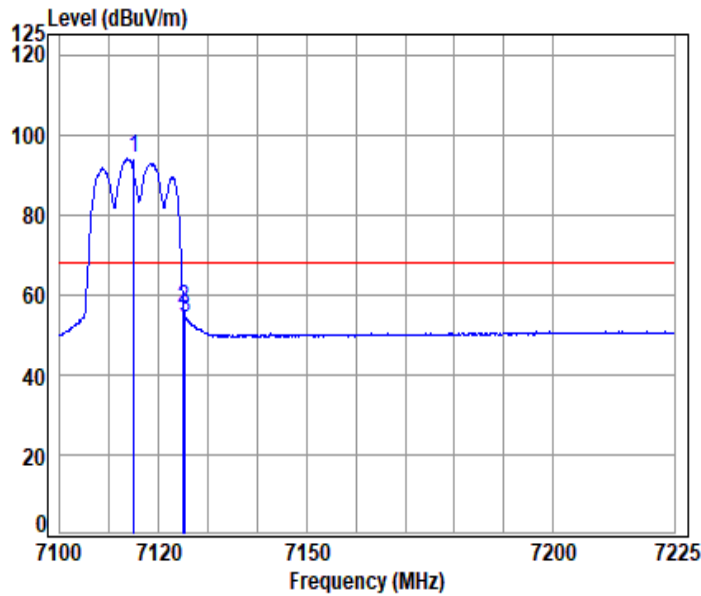
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11a_TX_CH_233_Horizontal-AVG



Condition: 3m HORIZONTAL

Job No : 01359MO/01361MO

Mode : 7115 Band edge

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 7115.000	11.81	36.43	31.26	77.13	94.11	68.20	25.91	Average
2	7125.000	11.82	36.45	31.26	39.53	56.54	68.20	-11.66	Average
3	7125.323	11.82	36.45	31.26	37.32	54.33	68.20	-13.87	Average



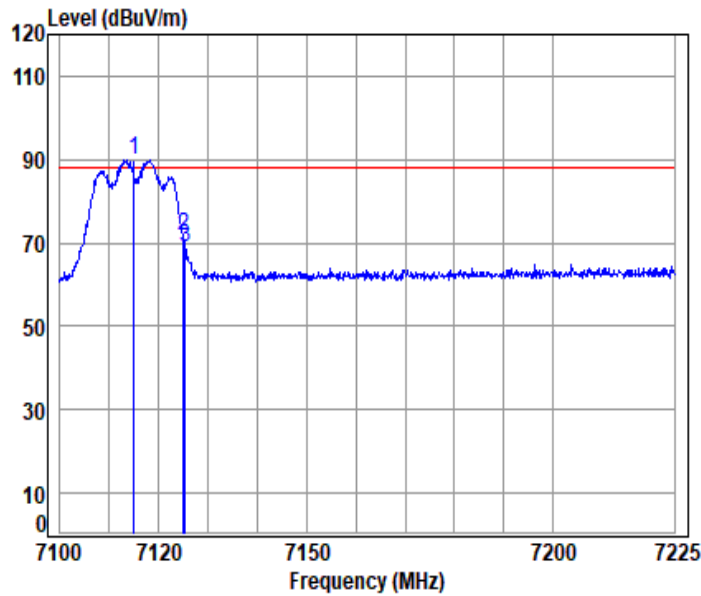
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11a_TX_CH_233_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01359MO/01361MO

Mode : 7115 Band edge

: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
p 7115.000	11.81	36.43	31.26	72.91	89.89	88.20	1.69	peak
7125.000	11.82	36.45	31.26	54.45	71.46	88.20	-16.74	peak
7125.323	11.82	36.45	31.26	51.96	68.97	88.20	-19.23	peak



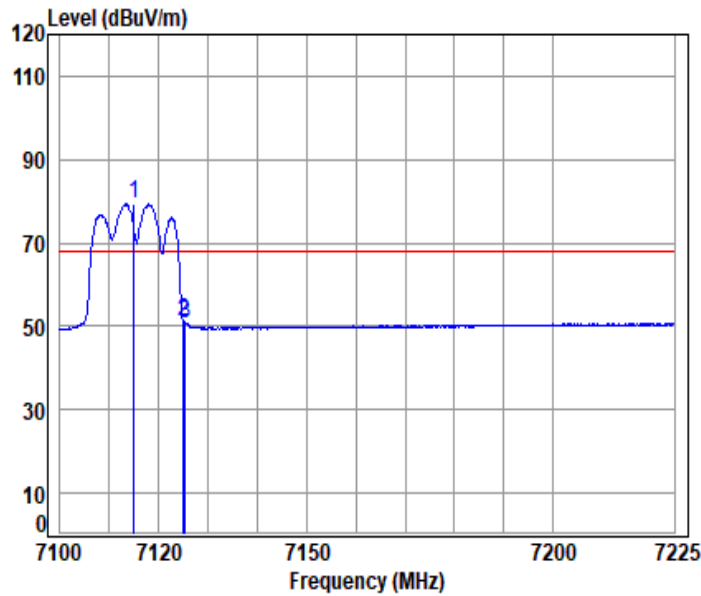
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Report No.: SZCR250400135907

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11a_TX_CH_233_Vertical-AVG



Condition: 3m VERTICAL

Job No : 01359MO/01361MO

Mode : 7115 Band edge

: Wi-Fi 6E 11a

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 7115.000	11.81	36.43	31.26	62.47	79.45	68.20	11.25	Average
2 7125.000	11.82	36.45	31.26	34.15	51.16	68.20	-17.04	Average
3 7125.323	11.82	36.45	31.26	33.80	50.81	68.20	-17.39	Average



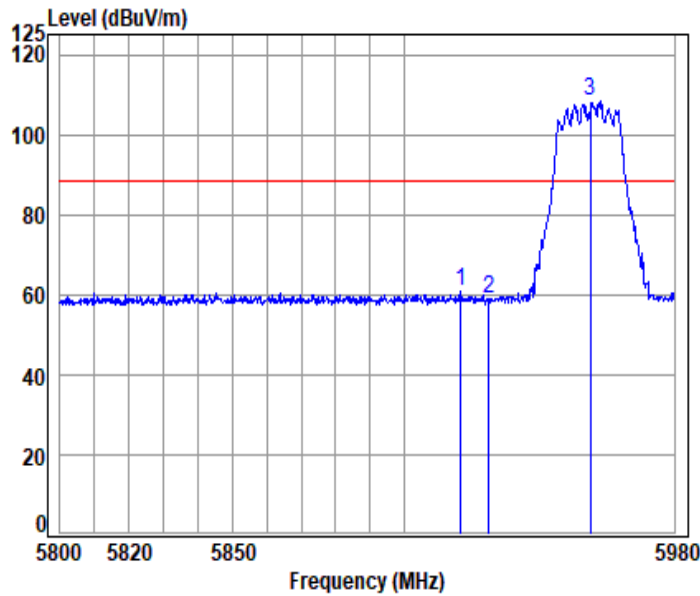
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11ax_20M_TX_CH_001_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01359MO/01361MO

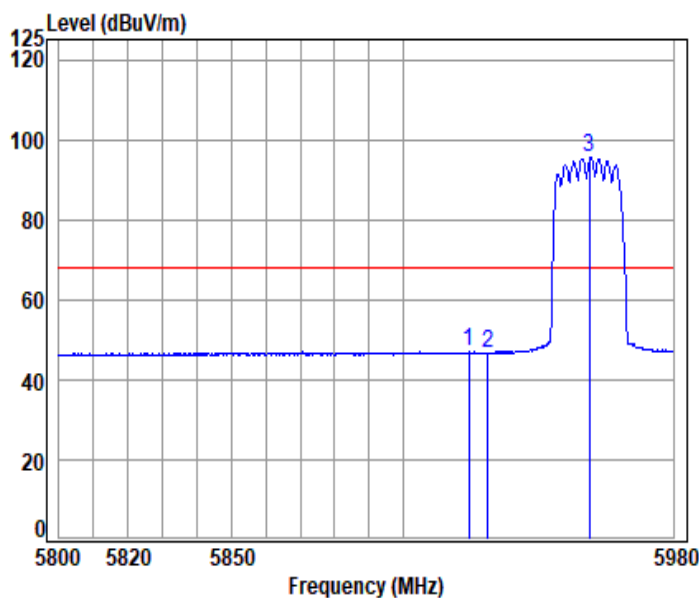
Mode : 5955 Band edge

: Wi-Fi 6E 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5916.916	10.88	33.53	30.53	46.81	60.69	88.20	-27.51	peak
2	5925.000	10.87	33.55	30.53	45.26	59.15	88.20	-29.05	peak
3 pp	5955.000	10.85	33.62	30.52	94.21	108.16	88.20	19.96	peak



11ax_20M_TX_CH_001_Horizontal-AVG



Condition: 3m HORIZONTAL
Job No : 01359MO/01361MO
Mode : 5955 Band edge
: Wi-Fi 6E 11ax20

		Cable	Ant	Preampl	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5919.448	10.87	33.54	30.53	33.04	46.92	68.20	-21.28	Average
2	5925.000	10.87	33.55	30.53	32.86	46.75	68.20	-21.45	Average
3 pp	5955.000	10.85	33.62	30.52	81.64	95.59	68.20	27.39	Average



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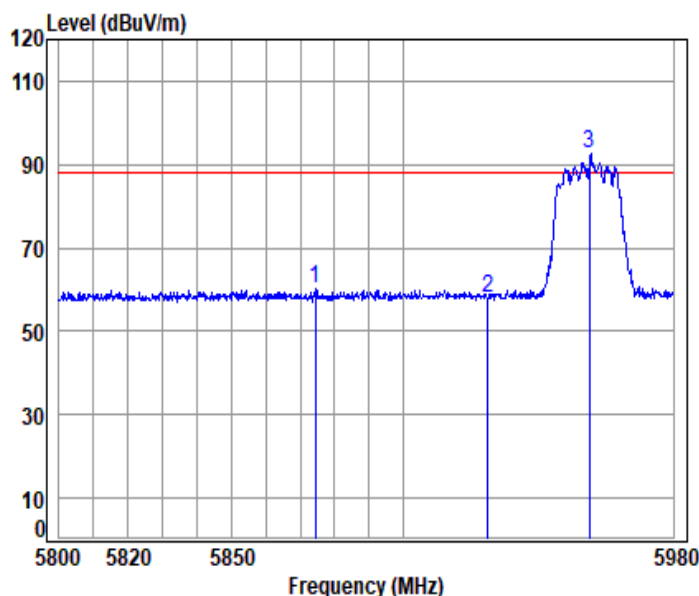
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11ax_20M_TX_CH_001_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01359M0/01361M0

Mode : 5955 Band edge

: Wi-Fi 6E 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5874.392	10.92	33.55	30.55	46.18	60.10	88.20	-28.10	peak
2	5925.000	10.87	33.55	30.53	44.05	57.94	88.20	-30.26	peak
3 pp	5955.000	10.85	33.62	30.52	78.65	92.60	88.20	4.40	peak



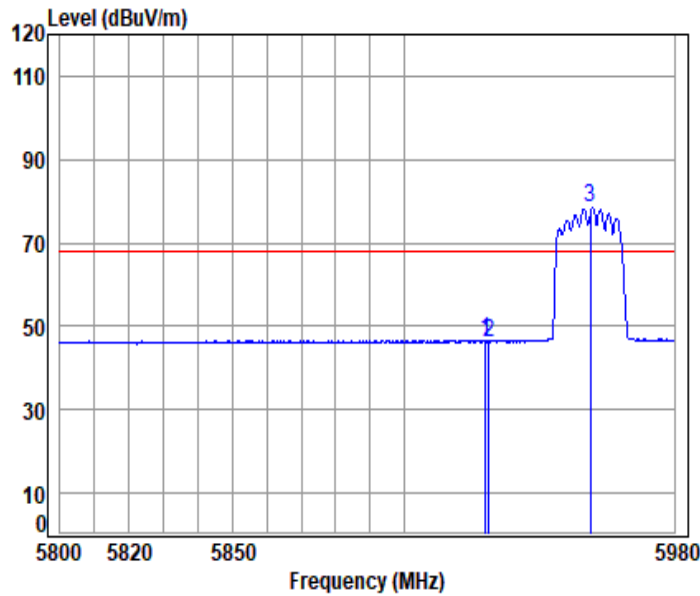
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11ax_20M_TX_CH_001_Vertical-AVG



Condition: 3m VERTICAL

Job No : 01359M0/01361M0

Mode : 5955 Band edge

: Wi-Fi 6E 11ax20

		Cable	Ant	Preampl	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5924.154	10.87	33.55	30.53	32.75	46.64	68.20	-21.56	Average
2	5925.000	10.87	33.55	30.53	32.38	46.27	68.20	-21.93	Average
3 pp	5955.000	10.85	33.62	30.52	64.51	78.46	68.20	10.26	Average



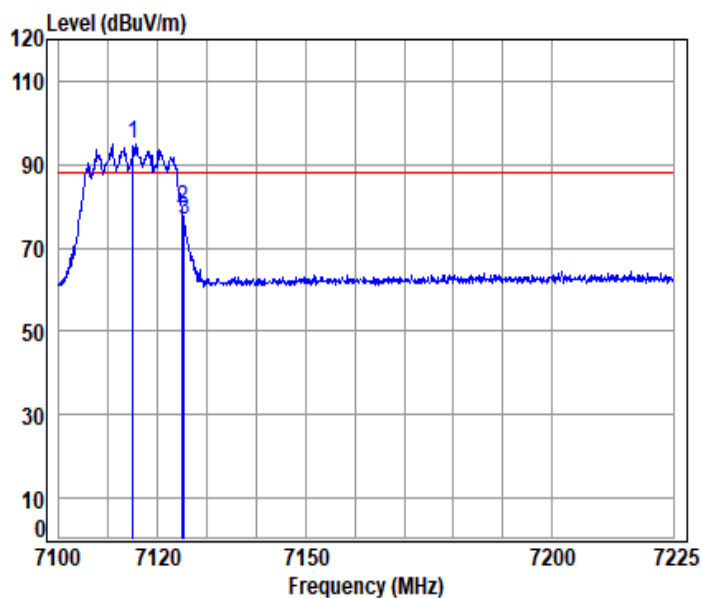
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11ax_20M_TX_CH_233_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01359MO/01361MO

Mode : 7115 Band edge

: Wi-Fi 6E 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 7115.000	11.81	36.43	31.26	77.79	94.77	88.20	6.57	peak
2	7125.000	11.82	36.45	31.26	62.39	79.40	88.20	-8.80	peak
3	7125.323	11.82	36.45	31.26	59.49	76.50	88.20	-11.70	peak



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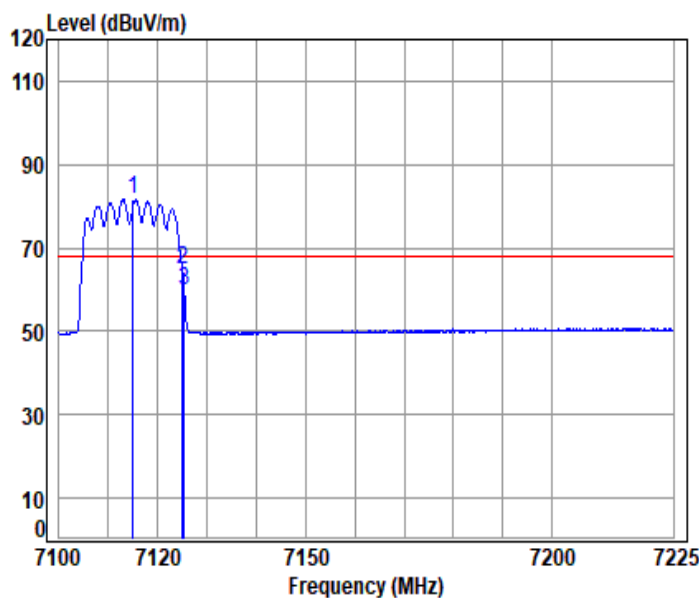
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11ax_20M_TX_CH_233_Horizontal-AVG



Condition: 3m HORIZONTAL

Job No : 01359MO/01361MO

Mode : 7115 Band edge

: Wi-Fi 6E 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 7115.000	11.81	36.43	31.26	64.63	81.61	68.20	13.41	Average
2	7125.000	11.82	36.45	31.26	47.67	64.68	68.20	-3.52	Average
3	7125.323	11.82	36.45	31.26	42.55	59.56	68.20	-8.64	Average



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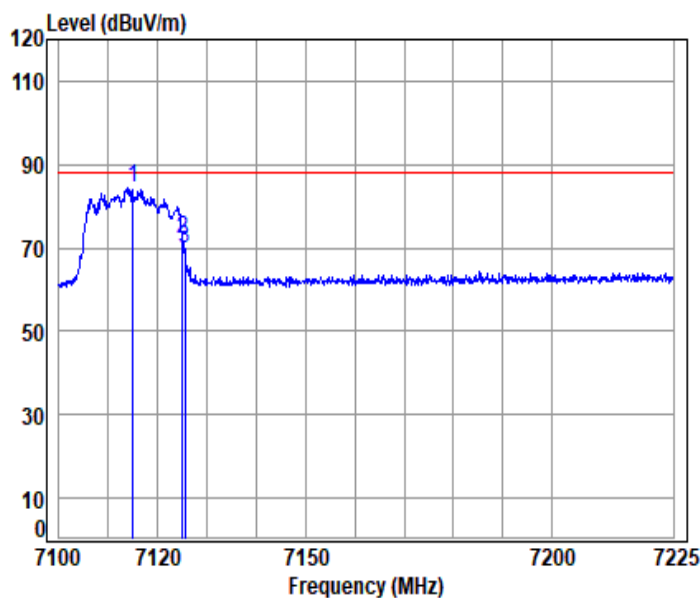
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11ax_20M_TX_CH_233_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01359M0/01361M0

Mode : 7115 Band edge

: Wi-Fi 6E 11ax20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 7115.000	11.81	36.43	31.26	67.25	84.23	88.20	-3.97	peak
2 7125.000	11.82	36.45	31.26	54.97	71.98	88.20	-16.22	peak
3 7125.448	11.82	36.45	31.26	52.61	69.62	88.20	-18.58	peak



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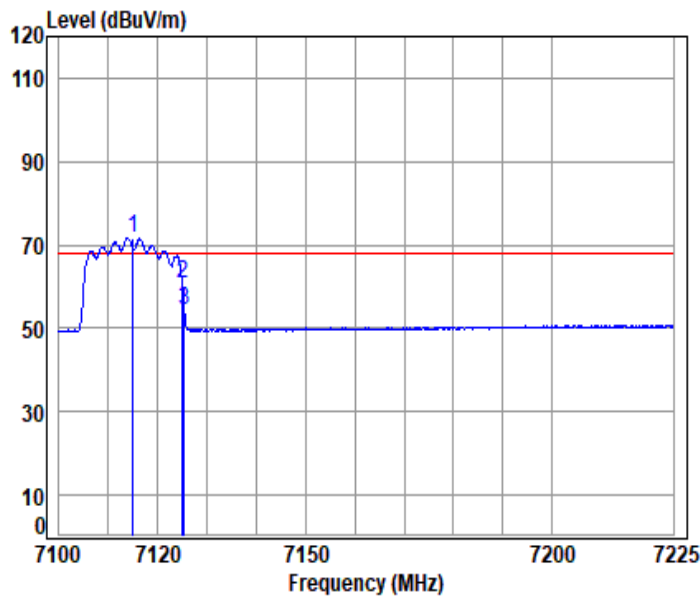
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11ax_20M_TX_CH_233_Vertical-AVG



Condition: 3m VERTICAL

Job No : 01359MO/01361MO

Mode : 7115 Band edge

: Wi-Fi 6E 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 7115.000	11.81	36.43	31.26	54.61	71.59	68.20	3.39	Average
2	7125.000	11.82	36.45	31.26	43.78	60.79	68.20	-7.41	Average
3	7125.323	11.82	36.45	31.26	37.46	54.47	68.20	-13.73	Average



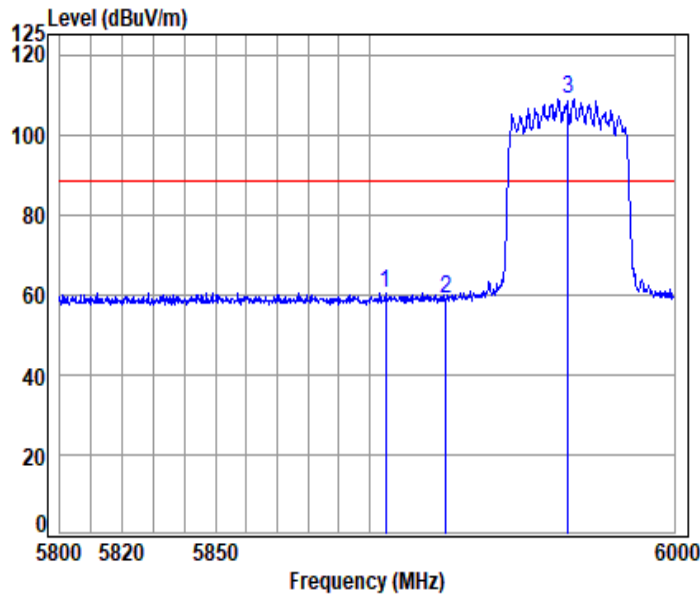
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11ax_40M_TX_CH_003_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01359MO/01361MO

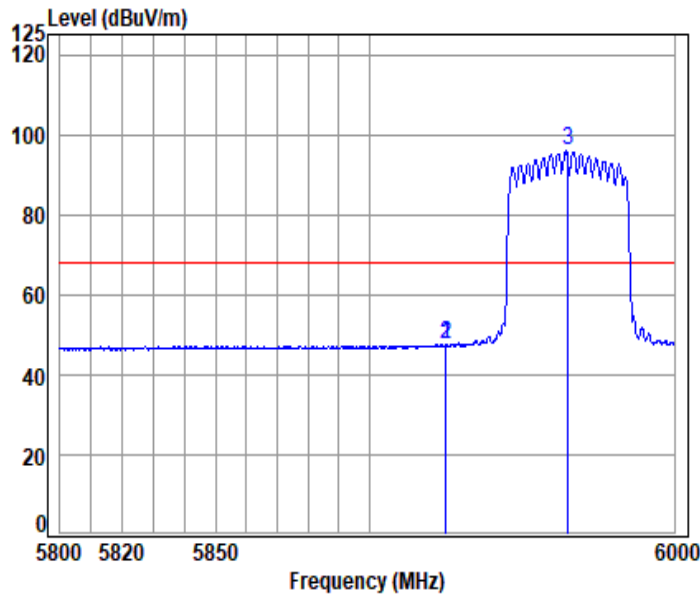
Mode : 5965 Band edge

: Wi-Fi 6E 11ax40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5905.155	10.89	33.51	30.54	46.73	60.59	88.20	-27.61	peak
2	5925.000	10.87	33.55	30.53	44.96	58.85	88.20	-29.35	peak
3 pp	5965.000	10.84	33.66	30.51	94.76	108.75	88.20	20.55	peak



11ax_40M_TX_CH_003_Horizontal-AVG



Condition: 3m HORIZONTAL

Job No : 01359MO/01361MO

Mode : 5965 Band edge

: Wi-Fi 6E 11ax40

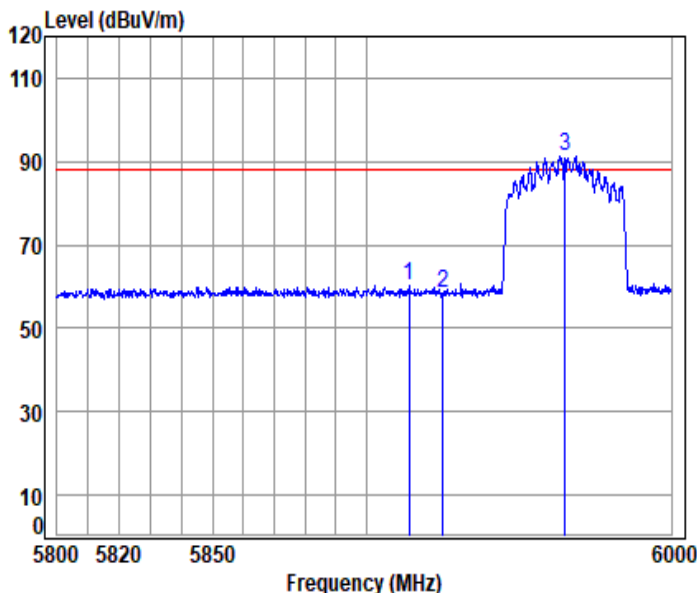
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5924.807	10.87	33.55	30.53	33.54	47.43	68.20	-20.77 Average
2	5925.000	10.87	33.55	30.53	33.45	47.34	68.20	-20.86 Average
3 pp	5965.000	10.84	33.66	30.51	81.88	95.87	68.20	27.67 Average



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11ax_40M_TX_CH_003_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01359MO/01361MO

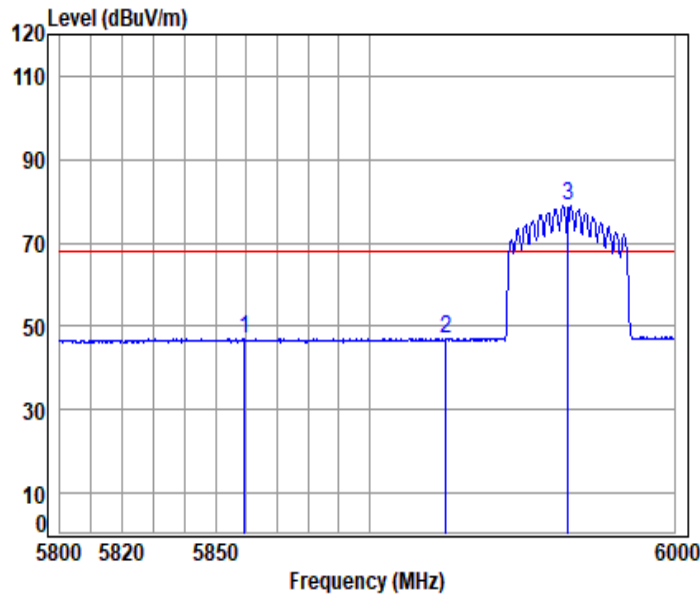
Mode : 5965 Band edge

: Wi-Fi 6E 11ax40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5913.770	10.88	33.53	30.53	46.56	60.44	88.20	-27.76	peak
2	5925.000	10.87	33.55	30.53	44.56	58.45	88.20	-29.75	peak
3 pp	5965.000	10.84	33.66	30.51	77.10	91.09	88.20	2.89	peak



11ax_40M_TX_CH_003_Vertical-AVG



Condition: 3m VERTICAL

Job No : 01359M0/01361M0

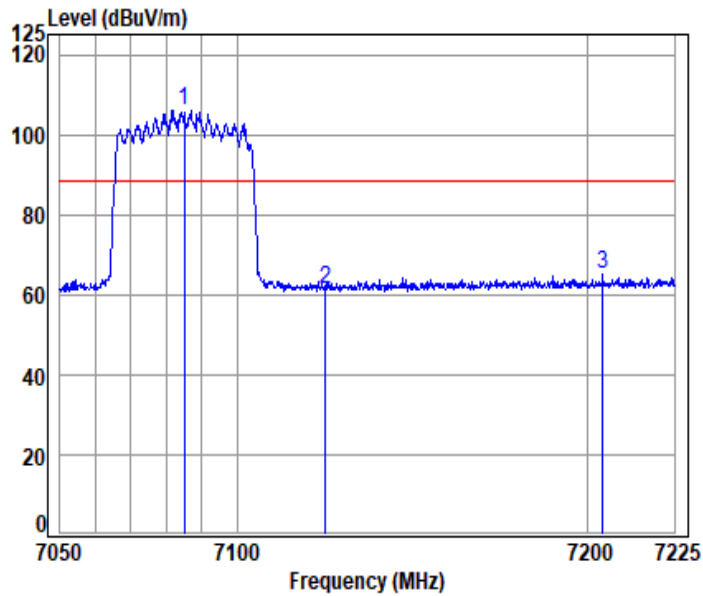
Mode : 5965 Band edge

: Wi-Fi 6E 11ax40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5859.290	10.94	33.58	30.56	33.07	47.03	68.20	-21.17 Average
2	5925.000	10.87	33.55	30.53	32.89	46.78	68.20	-21.42 Average
3 pp	5965.000	10.84	33.66	30.51	64.81	78.80	68.20	10.60 Average



11ax_40M_TX_CH_227_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01359MO/01361MO

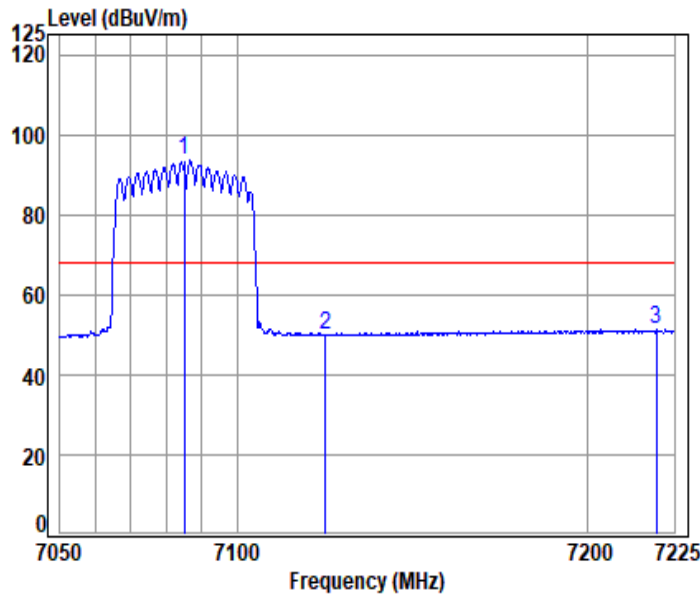
Mode : 7085 Band edge

: Wi-Fi 6E 11ax40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 7085.000	11.77	36.37	31.24	89.10	106.00	88.20	17.80	peak
2	7125.000	11.82	36.45	31.26	44.43	61.44	88.20	-26.76	peak
3	7204.479	11.89	36.60	31.30	47.75	64.94	88.20	-23.26	peak



11ax_40M_TX_CH_227_Horizontal-AVG



Condition: 3m HORIZONTAL

Job No : 01359MO/01361MO

Mode : 7085 Band edge

: Wi-Fi 6E 11ax40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 7085.000	11.77	36.37	31.24	76.55	93.45	68.20	25.25	Average
2	7125.000	11.82	36.45	31.26	32.87	49.88	68.20	-18.32	Average
3	7219.864	11.89	36.60	31.31	34.07	51.25	68.20	-16.95	Average



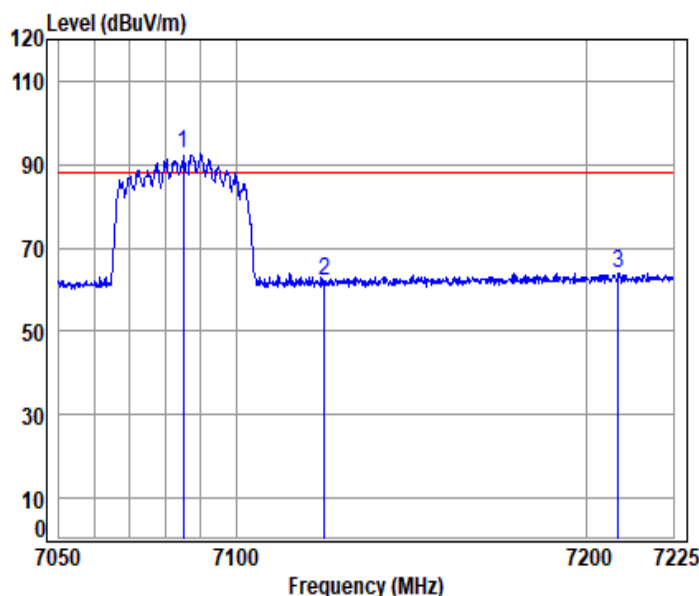
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11ax_40M_TX_CH_227_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01359MO/01361MO

Mode : 7085 Band edge

: Wi-Fi 6E 11ax40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 7085.000	11.77	36.37	31.24	75.74	92.64	88.20	4.44	peak
2 7125.000	11.82	36.45	31.26	44.92	61.93	88.20	-26.27	peak
3 7209.250	11.89	36.60	31.30	46.73	63.92	88.20	-24.28	peak



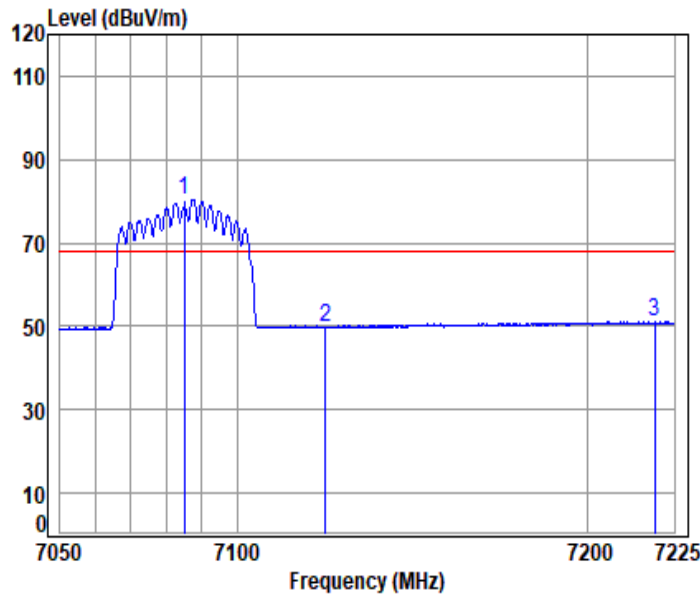
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11ax_40M_TX_CH_227_Verical-AVG



Condition: 3m VERTICAL

Job No : 01359M0/01361M0

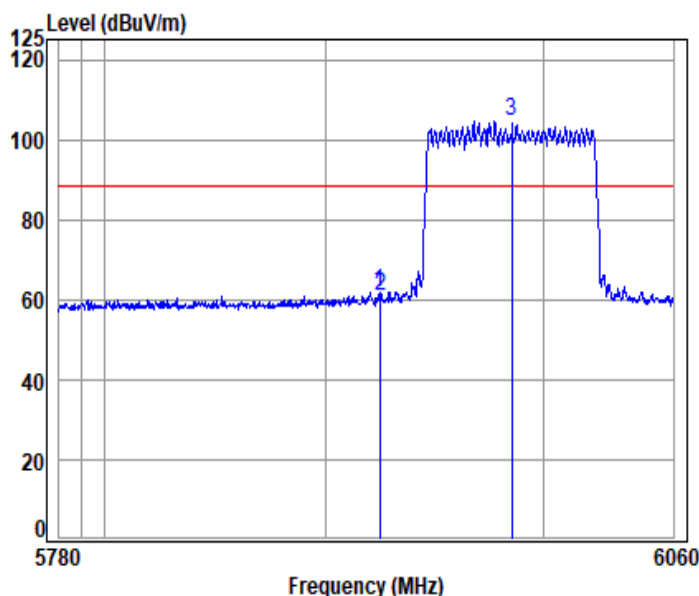
Mode : 7085 Band edge

: Wi-Fi 6E 11ax40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 7085.000	11.77	36.37	31.24	63.53	80.43	68.20	12.23	Average
2 7125.000	11.82	36.45	31.26	32.77	49.78	68.20	-18.42	Average
3 7219.333	11.89	36.60	31.31	34.00	51.18	68.20	-17.02	Average



11ax_80M_TX_CH_007_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01359MO/01361MO

Mode : 5985 Band edge

: Wi-Fi 6E 11ax80

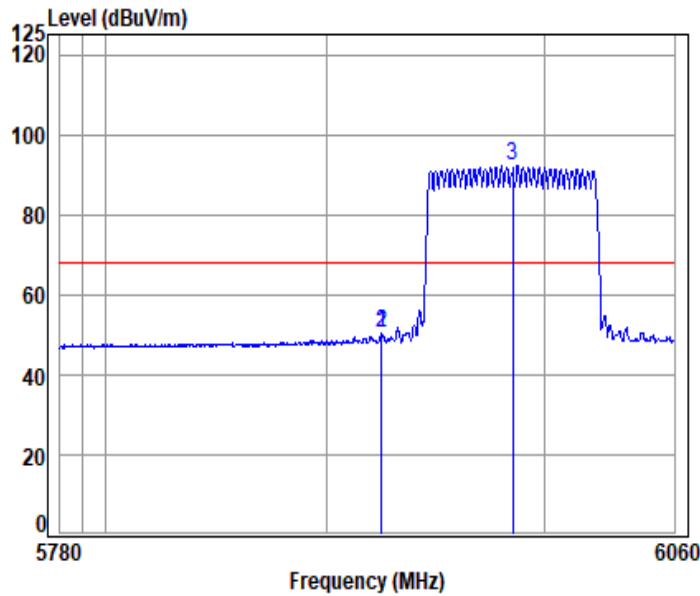
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5924.507	10.87	33.55	30.53	47.80	61.69	88.20	-26.51 peak
2	5925.000	10.87	33.55	30.53	46.87	60.76	88.20	-27.44 peak
3 pp	5985.000	10.82	33.74	30.51	90.62	104.67	88.20	16.47 peak



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11ax_80M_TX_CH_007_Horizontal-AVG



Condition: 3m HORIZONTAL

Job No : 01359M0/01361M0

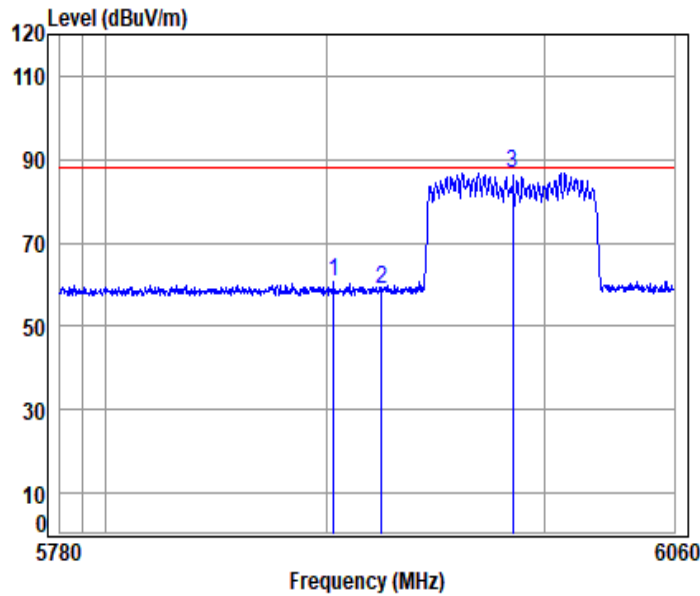
Mode : 5985 Band edge

: Wi-Fi 6E 11ax80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	36.26	50.15	68.20	-18.05 Average
2	5925.067	10.87	33.55	30.53	36.26	50.15	68.20	-18.05 Average
3 pp	5985.000	10.82	33.74	30.51	78.13	92.18	68.20	23.98 Average



11ax_80M_TX_CH_007_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01359M0/01361M0

Mode : 5985 Band edge

: Wi-Fi 6E 11ax80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5902.966	10.89	33.51	30.54	46.60	60.46	88.20	-27.74	peak
2	5925.000	10.87	33.55	30.53	44.86	58.75	88.20	-29.45	peak
3 pp	5985.000	10.82	33.74	30.51	72.86	86.91	88.20	-1.29	peak



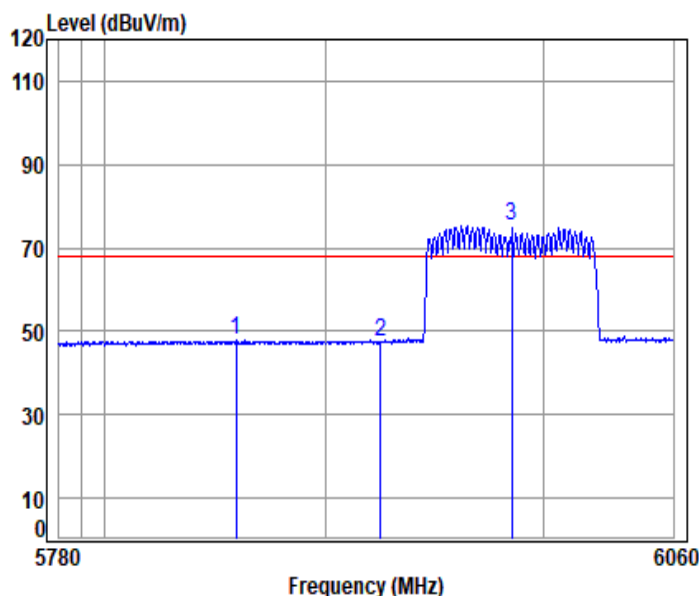
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11ax_80M_TX_CH_007_Vertical-AVG



Condition: 3m VERTICAL

Job No : 01359M0/01361M0

Mode : 5985 Band edge

: Wi-Fi 6E 11ax80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5859.287	10.94	33.58	30.56	34.00	47.96	68.20	-20.24 Average
2	5925.000	10.87	33.55	30.53	33.35	47.24	68.20	-20.96 Average
3 pp	5985.000	10.82	33.74	30.51	61.28	75.33	68.20	7.13 Average



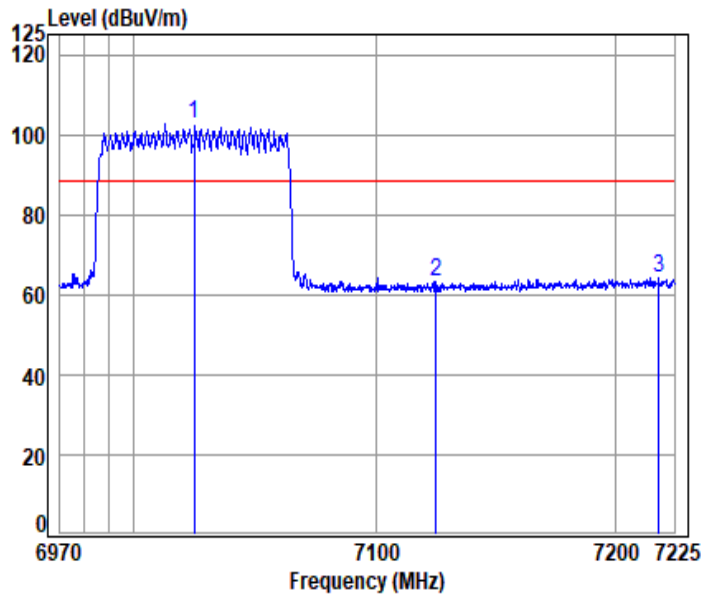
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11ax_80M_TX_CH_215_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01359MO/01361MO

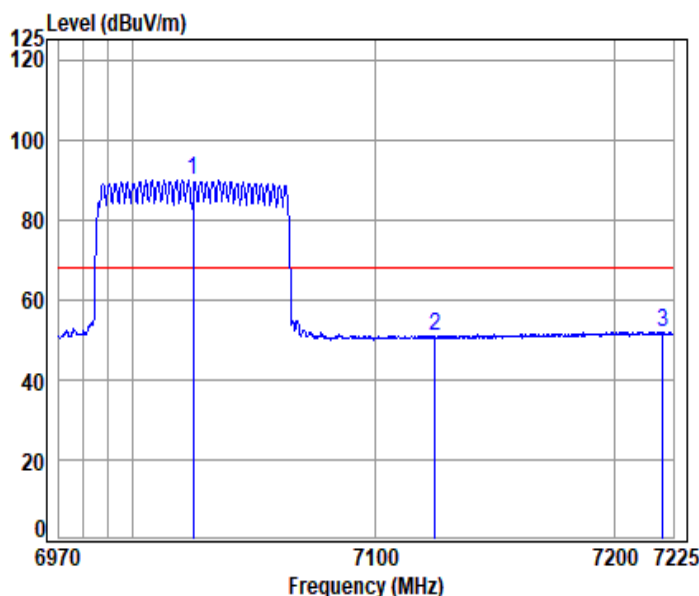
Mode : 7025 Band edge

: Wi-Fi 6E 11ax80

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
p 7025.000	11.64	36.25	31.21	85.81	102.49	88.20	14.29	peak
7125.000	11.82	36.45	31.26	46.17	63.18	88.20	-25.02	peak
7218.513	11.89	36.60	31.31	46.93	64.11	88.20	-24.09	peak



11ax_80M_TX_CH_215_Horizontal-AVG



Condition: 3m HORIZONTAL

Job No : 01359MO/01361MO

Mode : 7025 Band edge

: Wi-Fi 6E 11ax80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 7025.000	11.64	36.25	31.21	73.37	90.05	68.20	21.85	Average
2	7125.000	11.82	36.45	31.26	33.89	50.90	68.20	-17.30	Average
3	7220.588	11.89	36.60	31.31	34.76	51.94	68.20	-16.26	Average



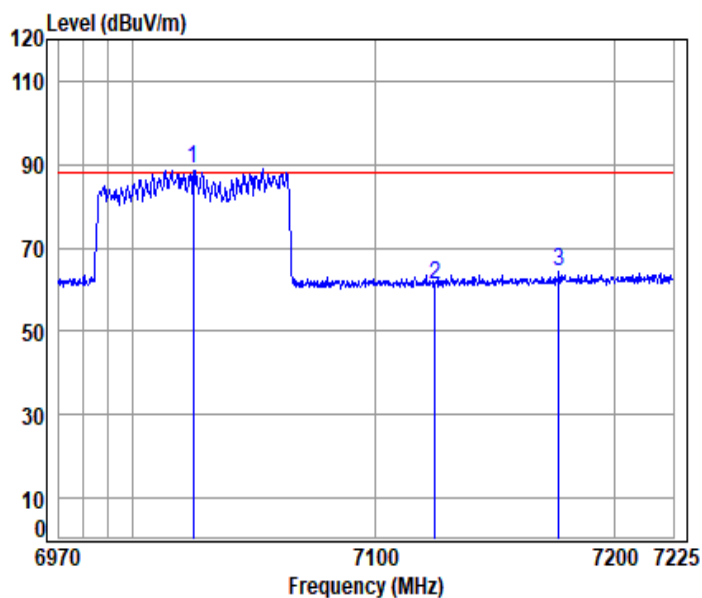
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11ax_80M_TX_CH_215_Verical-Peak



Condition: 3m VERTICAL

Job No : 01359M0/01361M0

Mode : 7025 Band edge

: Wi-Fi 6E 11ax80

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 7025.000	11.64	36.25	31.21	72.11	88.79	88.20	0.59	peak	
2 7125.000	11.82	36.45	31.26	44.30	61.31	88.20	-26.89	peak	
3 7176.874	11.87	36.55	31.29	47.09	64.22	88.20	-23.98	peak	



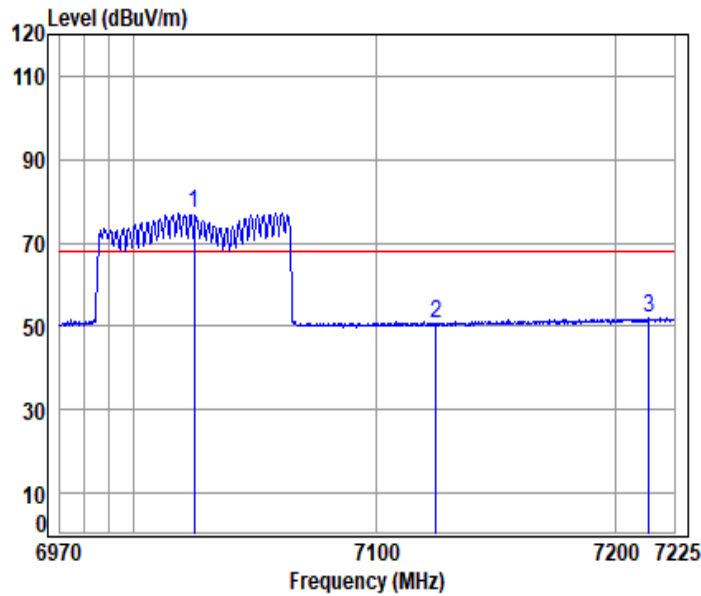
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11ax_80M_TX_CH_215_Vertical-AVG



Condition: 3m VERTICAL

Job No : 01359M0/01361M0

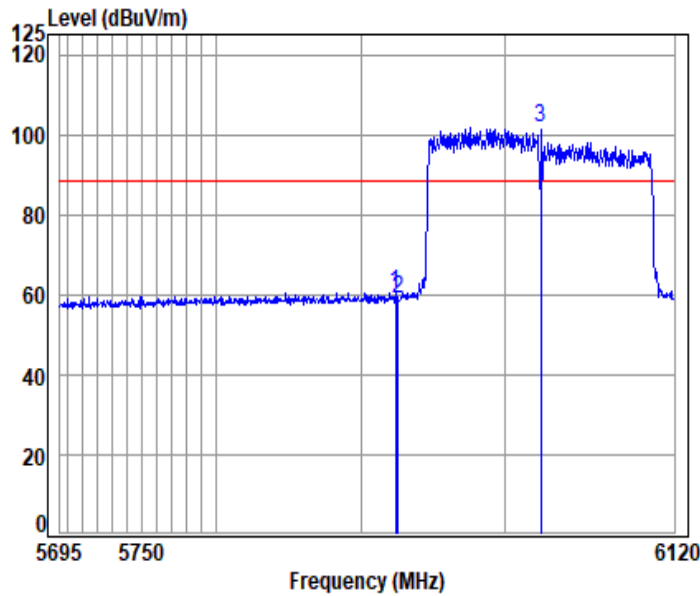
Mode : 7025 Band edge

: Wi-Fi 6E 11ax80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp 7025.000	11.64	36.25	31.21	60.49	77.17	68.20	8.97 Average
2 7125.000	11.82	36.45	31.26	33.59	50.60	68.20	-17.60 Average
3 7214.364	11.89	36.60	31.31	34.88	52.06	68.20	-16.14 Average



11ax_160M_TX_CH_015_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01359MO/01361MO

Mode : 6025 Band edge

: Wi-Fi 6E 11ax160

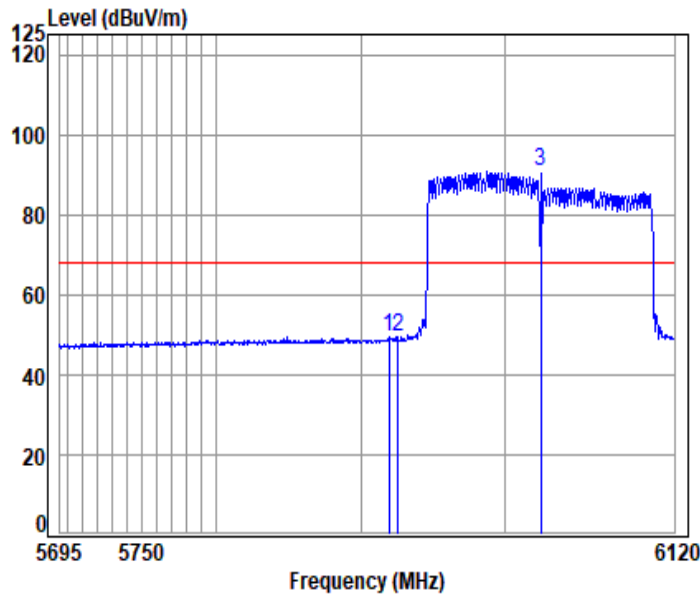
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5923.255	10.87	33.55	30.53	46.44	60.33	88.20	-27.87	peak
2	5925.000	10.87	33.55	30.53	44.95	58.84	88.20	-29.36	peak
3 pp	6025.000	10.82	33.85	30.52	87.77	101.92	88.20	13.72	peak



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11ax_160M_TX_CH_015_Horizontal-AVG



Condition: 3m HORIZONTAL

Job No : 01359MO/01361MO

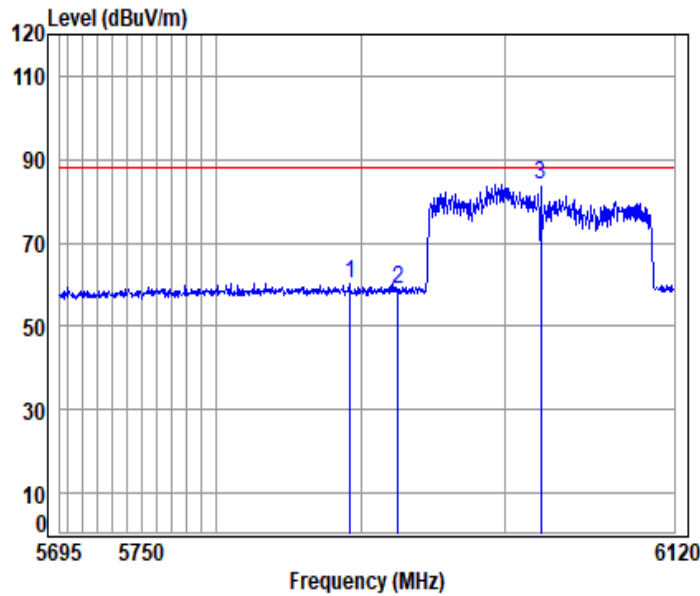
Mode : 6025 Band edge

: Wi-Fi 6E 11ax160

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5918.567	10.88	33.54	30.53	35.50	49.39	68.20	-18.81 Average
2	5925.000	10.87	33.55	30.53	35.30	49.19	68.20	-19.01 Average
3 pp	6025.000	10.82	33.85	30.52	76.81	90.96	68.20	22.76 Average



11ax_160M_TX_CH_015_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01359M0/01361M0

Mode : 6025 Band edge

: Wi-Fi 6E 11ax160

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5891.792	10.90	33.52	30.54	46.57	60.45	88.20	-27.75 peak
2	5925.000	10.87	33.55	30.53	44.83	58.72	88.20	-29.48 peak
3 pp	6025.000	10.82	33.85	30.52	69.77	83.92	88.20	-4.28 peak



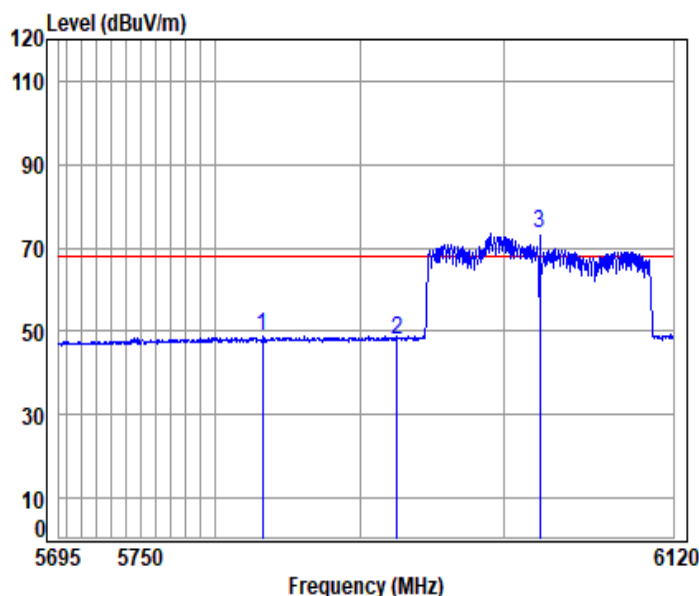
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11ax_160M_TX_CH_015_Vertical-AVG



Condition: 3m VERTICAL

Job No : 01359M0/01361M0

Mode : 6025 Band edge

: Wi-Fi 6E 11ax160

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5832.302	10.98	33.53	30.57	35.00	48.94	68.20	-19.26 Average
2	5925.000	10.87	33.55	30.53	34.18	48.07	68.20	-20.13 Average
3	pp 6025.000	10.82	33.85	30.52	59.29	73.44	68.20	5.24 Average



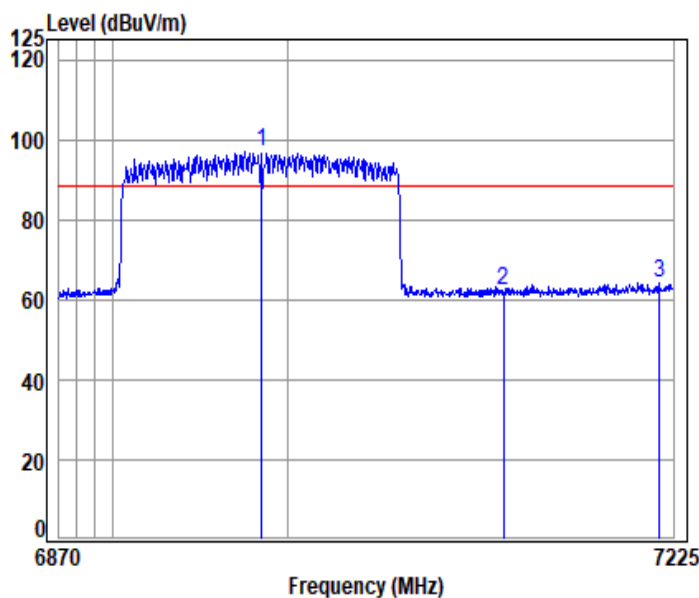
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11ax_160M_TX_CH_207_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01359M0/01361M0

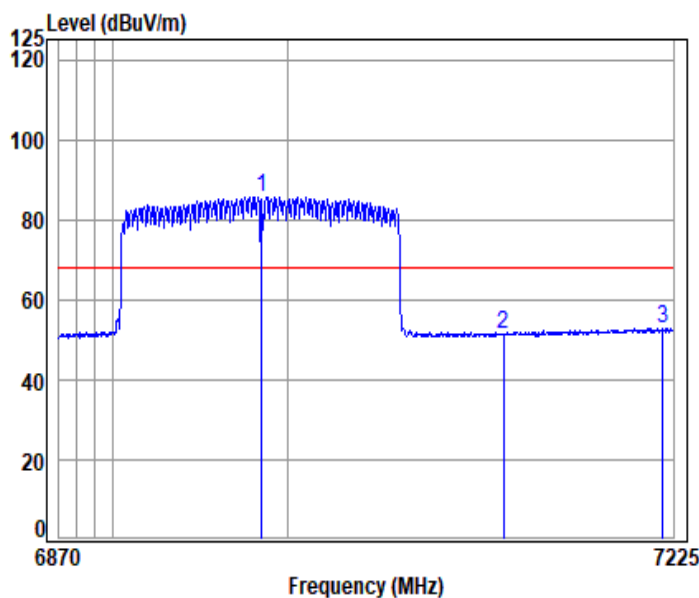
Mode : 6985 Band edge

: Wi-Fi 6E 11ax160

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 6985.000	11.57	36.17	31.19	80.22	96.77	88.20	8.57 peak
2	7125.000	11.82	36.45	31.26	45.29	62.30	88.20	-25.90 peak
3	7216.996	11.89	36.60	31.31	46.87	64.05	88.20	-24.15 peak



11ax_160M_TX_CH_207_Horizontal-AVG



Condition: 3m HORIZONTAL

Job No : 01359MO/01361MO

Mode : 6985 Band edge

: Wi-Fi 6E 11ax160

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 6985.000	11.57	36.17	31.19	69.07	85.62	68.20	17.42 Average
2	7125.000	11.82	36.45	31.26	34.34	51.35	68.20	-16.85 Average
3	7218.814	11.89	36.60	31.31	35.64	52.82	68.20	-15.38 Average



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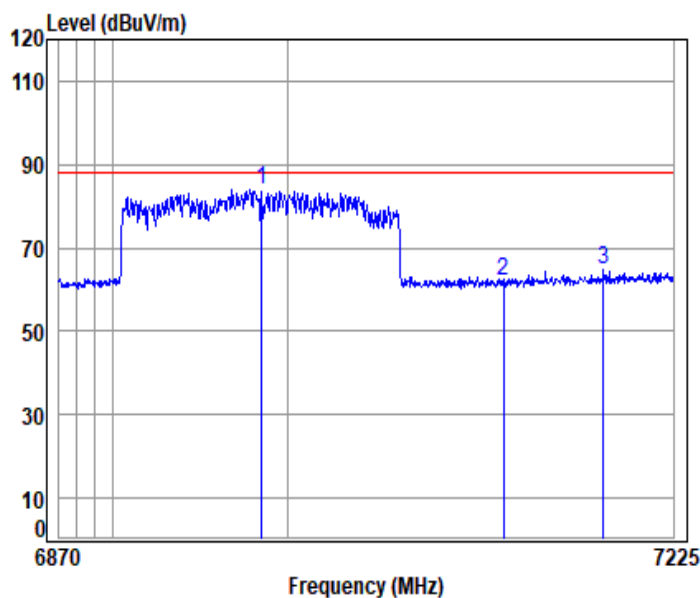
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11ax_160M_TX_CH_207_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01359M0/01361M0

Mode : 6985 Band edge

: Wi-Fi 6E 11ax160

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 6985.000	11.57	36.17	31.19	67.62	84.17	88.20	-4.03	peak
2 7125.000	11.82	36.45	31.26	45.06	62.07	88.20	-26.13	peak
3 7183.621	11.88	36.57	31.29	47.43	64.59	88.20	-23.61	peak



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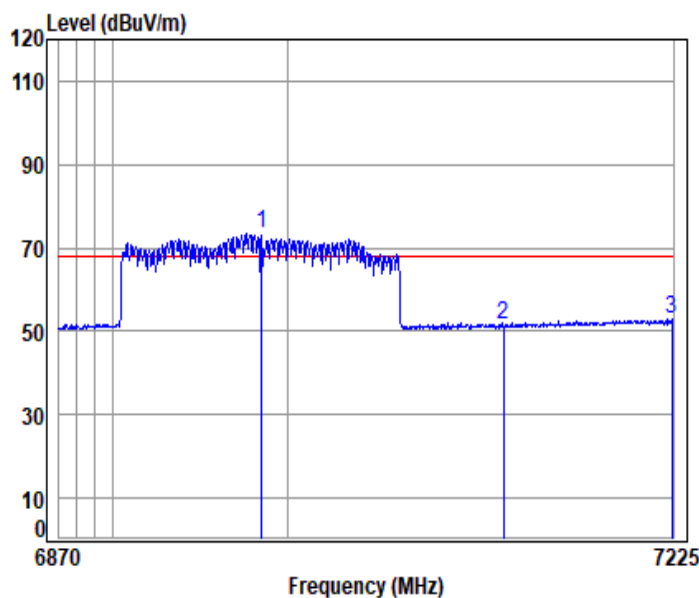
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11ax_160M_TX_CH_207_Vertical-AVG



Condition: 3m VERTICAL

Job No : 01359M0/01361M0

Mode : 6985 Band edge

: Wi-Fi 6E 11ax160

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 6985.000	11.57	36.17	31.19	56.88	73.43	68.20	5.23	Average
2 7125.000	11.82	36.45	31.26	34.49	51.50	68.20	-16.70	Average
3 7224.272	11.89	36.60	31.31	35.67	52.85	68.20	-15.35	Average



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7.6 In-Band Emissions

Test Requirement 47 CFR Part 15, Subpart E 15.407 (b)

Test Method: ANSI C63.10 (2013) Section 12.5

Limit:

For transmitters operating within the 5.925–7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and onehalf times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

7.6.1 E.U.T. Operation

Operating Environment:

Temperature: 24.3 °C

Humidity: 44.8 % RH

Atmospheric Pressure: 1020 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	11	TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	13	TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	14	TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.



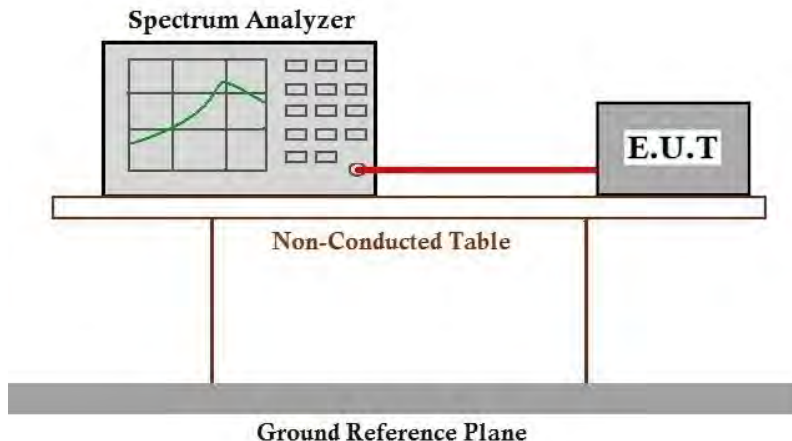
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7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.7 Contention-based Protocol

Test Requirement 47 CFR Part 15, Subpart E 15.407 (d)(6)

Test Method: KDB 987594 D02

Limit:

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel (in which incumbent signal is transmitted) and stay off the incumbent channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain. To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

7.7.1 E.U.T. Operation

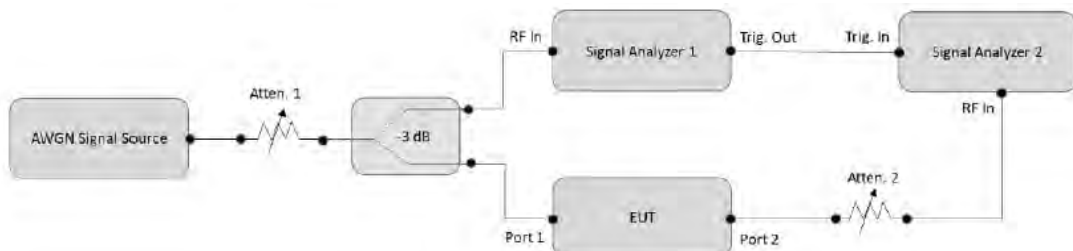
Operating Environment:

Temperature: 24.3 °C

Humidity: 44.8 % RH

Atmospheric Pressure: 1020 mbar

7.7.2 Test Setup Diagram



7.7.3 Measurement Procedure and Data

Please Refer to Appendix for Details

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7.8 Duty Cycle

Test Requirement ANSI C63.10 (2013) Section 12.2

Test Method: ANSI C63.10 (2013) Section 12.2

7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 24.3 °C Humidity: 44.8 % RH Atmospheric Pressure: 1020 mbar

7.8.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	11	TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	13	TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	14	TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.



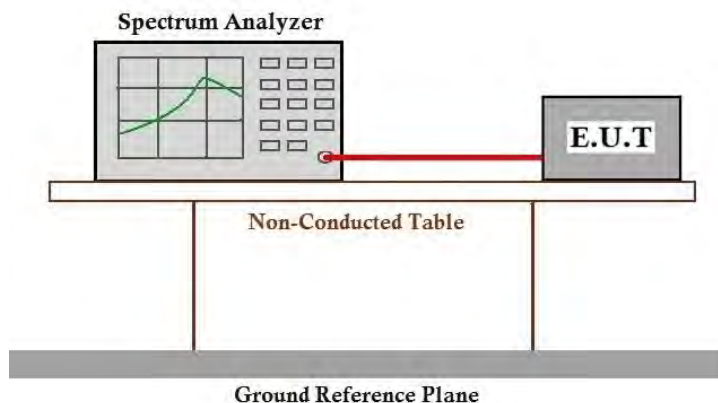
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7.8.3 Test Setup Diagram



7.8.4 Measurement Procedure and Data

Please Refer to Appendix for Details

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7.9 99% Bandwidth

Test Requirement ANSI C63.10 (2013) Section 12.4.2

Test Method: ANSI C63.10 (2013) Section 12.4.2

7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 24.3 °C

Humidity: 44.8 % RH

Atmospheric Pressure: 1020 mbar

7.9.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	11	TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	13	TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	14	TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.



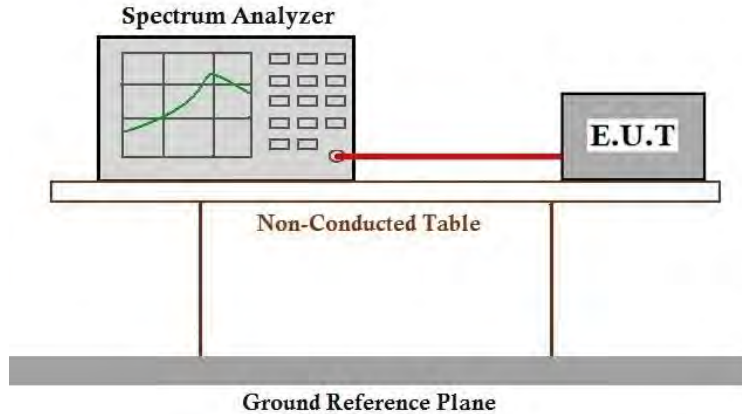
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7.9.3 Test Setup Diagram



7.9.4 Measurement Procedure and Data

Please Refer to Appendix for Details

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7.10 26dB Emission bandwidth

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: ANSI C63.10 (2013) Section 12.4.1

7.10.1 E.U.T. Operation

Operating Environment:

Temperature: 24.3 °C Humidity: 44.8 % RH Atmospheric Pressure: 1020 mbar

7.10.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	11	TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	13	TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	14	TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.



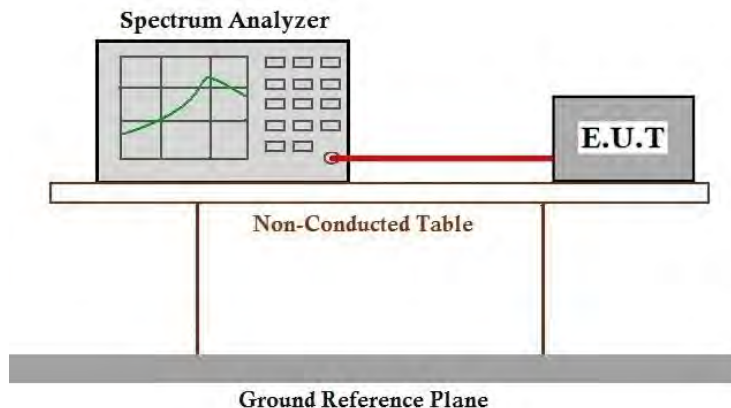
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7.10.3 Test Setup Diagram



7.10.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.11 Peak Power spectrum density

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: ANSI C63.10 (2013) Section 12.5

7.11.1 E.U.T. Operation

Operating Environment:

Temperature: 24.3 °C

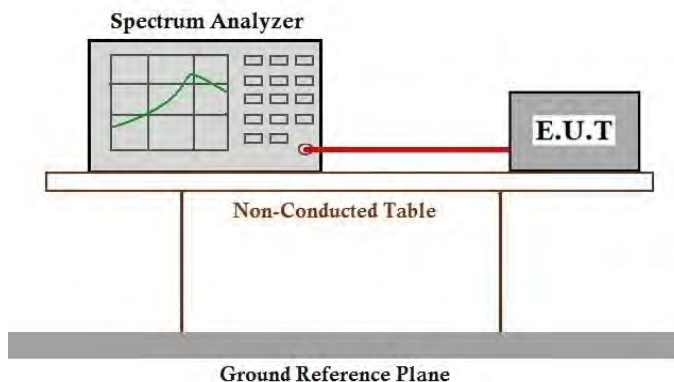
Humidity: 44.8 % RH

Atmospheric Pressure: 1020 mbar

7.11.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	11	TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	13	TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	14	TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.

7.11.3 Test Setup Diagram





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7.11.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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7.12 Frequency Stability

Test Requirement 47 CFR Part 15, Subpart E 15.407 (g)

Test Method: ANSI C63.10 (2013) Section 6.8

7.12.1 E.U.T. Operation

Operating Environment:

Temperature: 24.3 °C

Humidity: 44.8 % RH

Atmospheric Pressure: 1020 mbar

7.12.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	11	TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	13	TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	14	TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11ax 20/40/80/160, Only the data of worst case is recorded in the report.



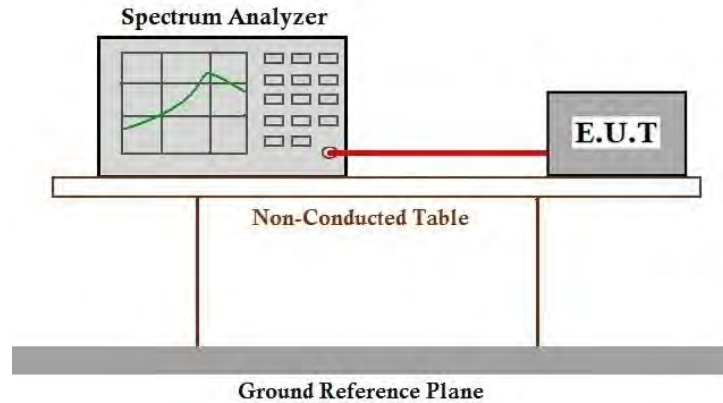
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7.12.3 Test Setup Diagram



7.12.4 Measurement Procedure and Data

Please Refer to Appendix for Details

8 Test Setup Photo

Please refer to SZCR2504001359 Appendix_Setup Photo

9 EUT Constructional Details (EUT Photos)

Refer to Appendix – External and Internal Photos for SZCR2504001359MO.

10 Appendix

1. Contention Based Protocol

1.1 Test Result

1.1.1 Duty Cycle_Band 5_Ant1

Ant1			
Mode	Freq. (MHz)	Incumbent Frequency (MHz)	Duty Cycle (%)
802.11ax (HEW20)	6175	6175.000	18.39
802.11ax (HEW160)	6185	6110.000	13.54
		6185.000	13.54
		6260.000	13.54

1.1.2 Contention Based Protocol_Detection Power_Band 5_Ant1

Ant1								
Mode	Freq. (MHz)	Incumbent Frequency (MHz)	EUT Status	Detected Power			Limit (dBm)	Verdict
				AWGN Power (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)		
802.11ax (HEW20)	6175	6175.000	OFF	-77.31	0	-77.31	<=-62	Pass
			Minimal	-77.37	0	-77.37	<=-62	Pass
			ON	-77.75	0	-77.75	<=-62	Pass
802.11ax (HEW160)	6185	6110.000	OFF	-77.19	0	-77.19	<=-62	Pass
			Minimal	-77.49	0	-77.49	<=-62	Pass
			ON	-77.79	0	-77.79	<=-62	Pass
		6185.000	OFF	-77.88	0	-77.88	<=-62	Pass
			Minimal	-78.23	0	-78.23	<=-62	Pass
			ON	-78.50	0	-78.50	<=-62	Pass
		6260.000	OFF	-77.15	0	-77.15	<=-62	Pass
			Minimal	-77.15	0	-77.15	<=-62	Pass
			ON	-77.55	0	-77.55	<=-62	Pass

1.1.3 Contention Based Protocol_Detection Probability_Band 5_Ant1

Ant1



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Mode	Freq. (MHz)	Incumbent Freq. (MHz)	1	2	3	4	5	6	7	8	9	10	Detected Probability (%)		Verdict
													Result	Limit	
802.11ax (HEW20)	6175	6175.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
802.11ax (HEW160)	6185	6110.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
		6185.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
		6260.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
Note1: CBP Detection Trials (Y=Detection, N=No Detection)															



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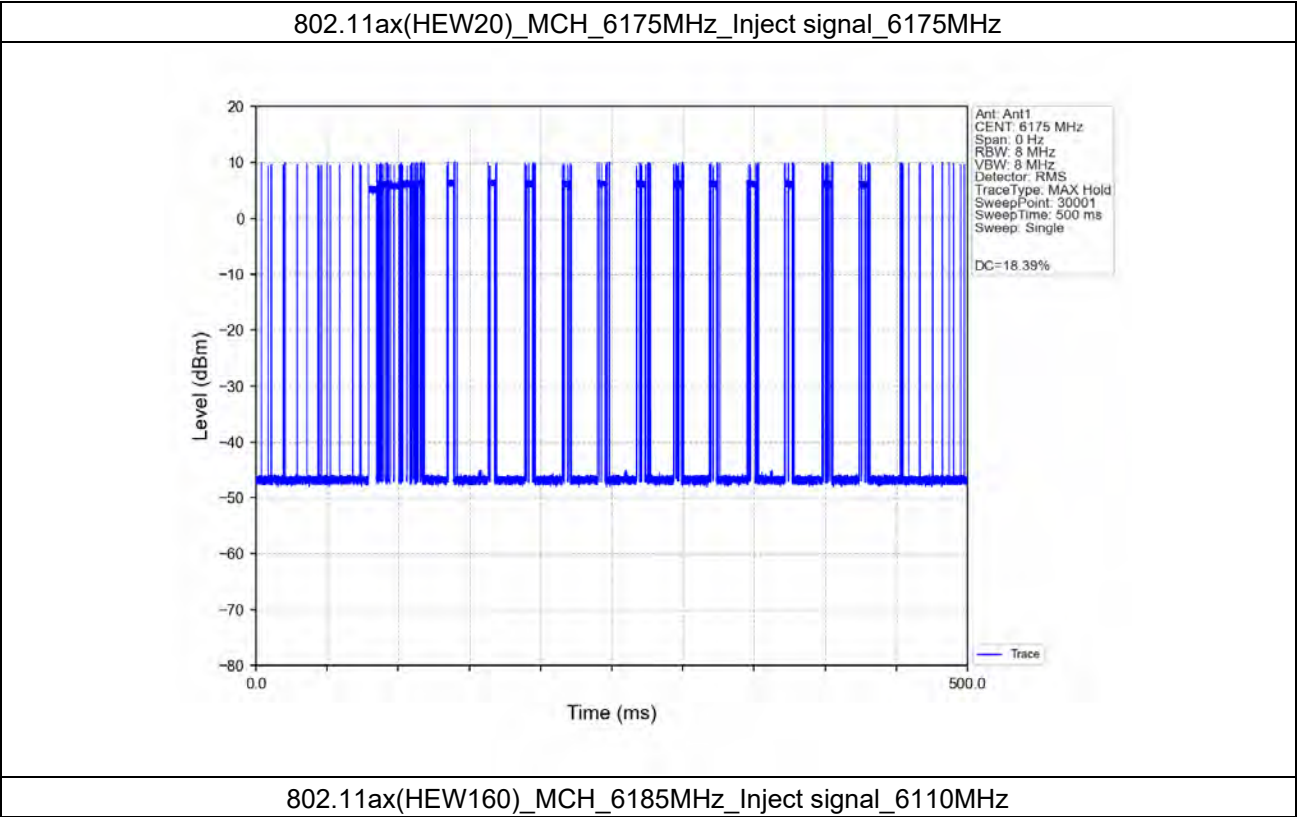
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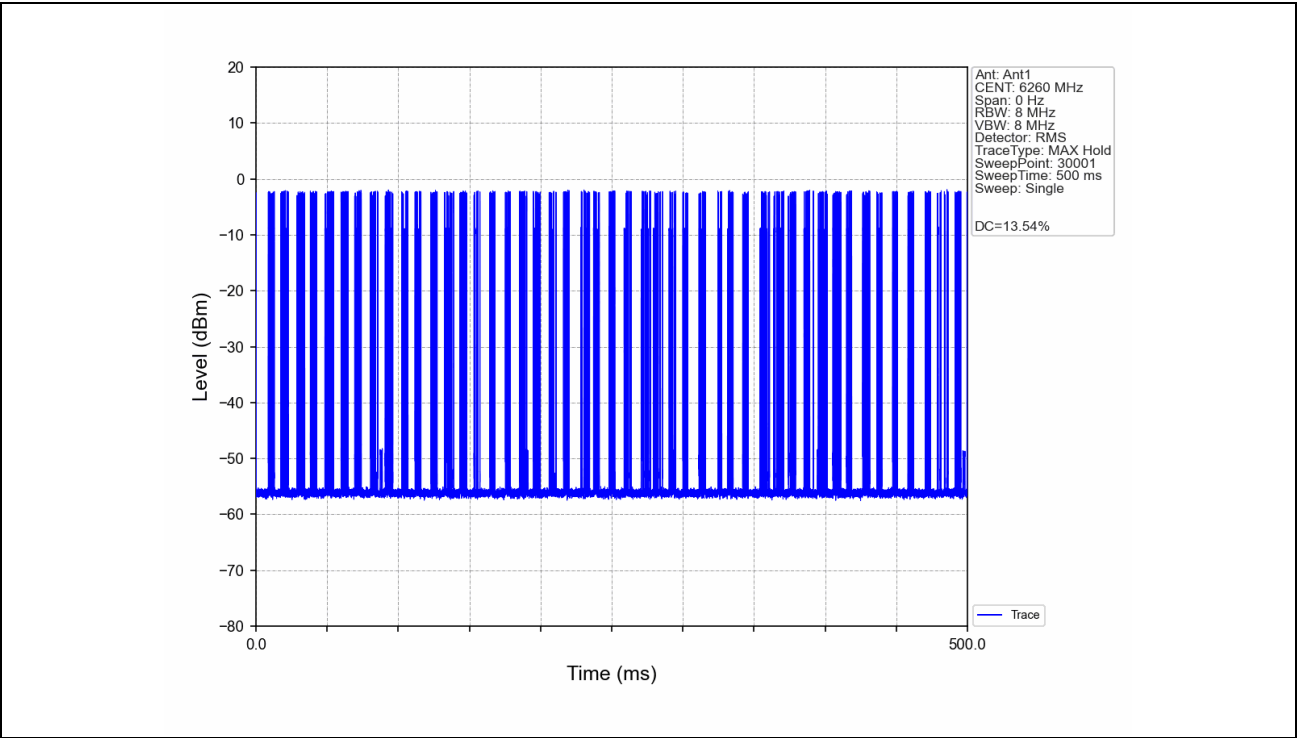
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1.2 Test Graph

1.2.1 Duty Cycle_Band 5_Ant1





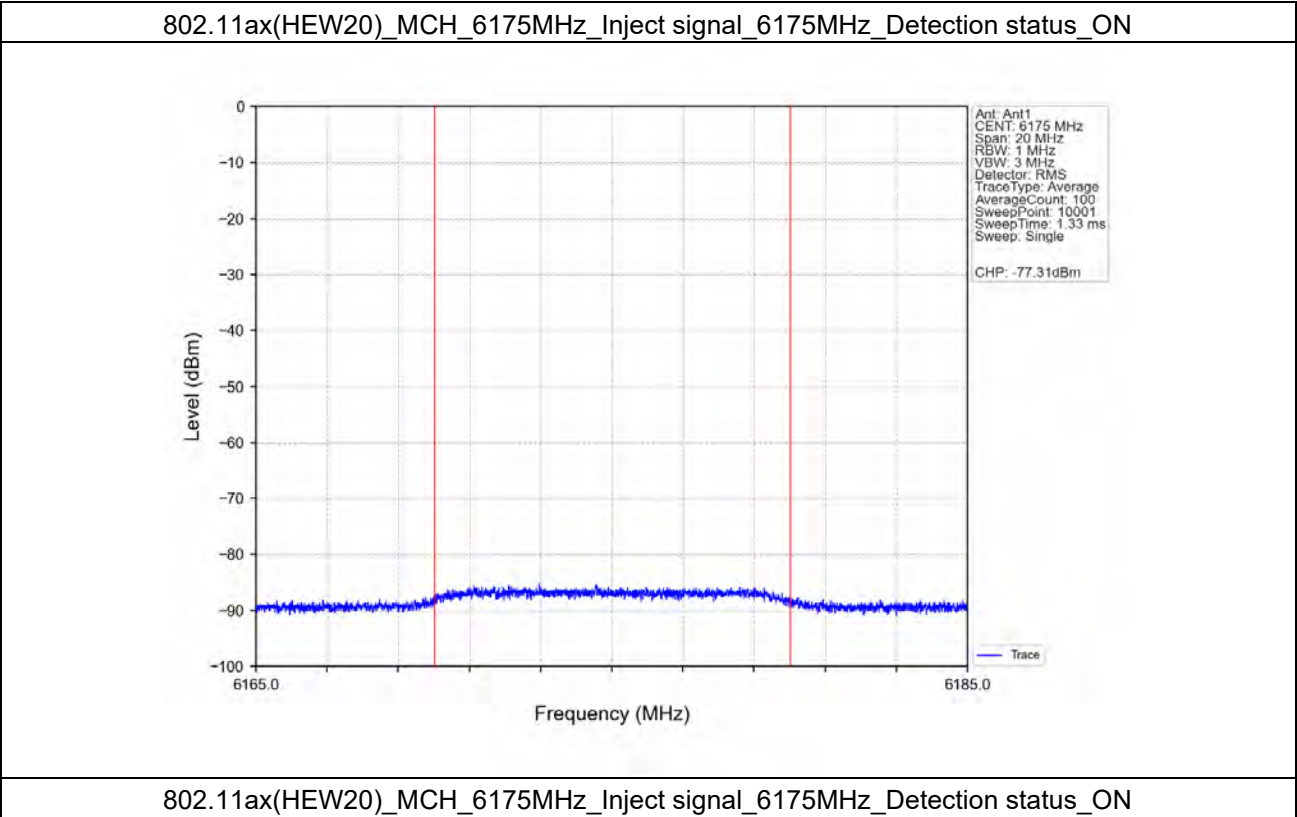
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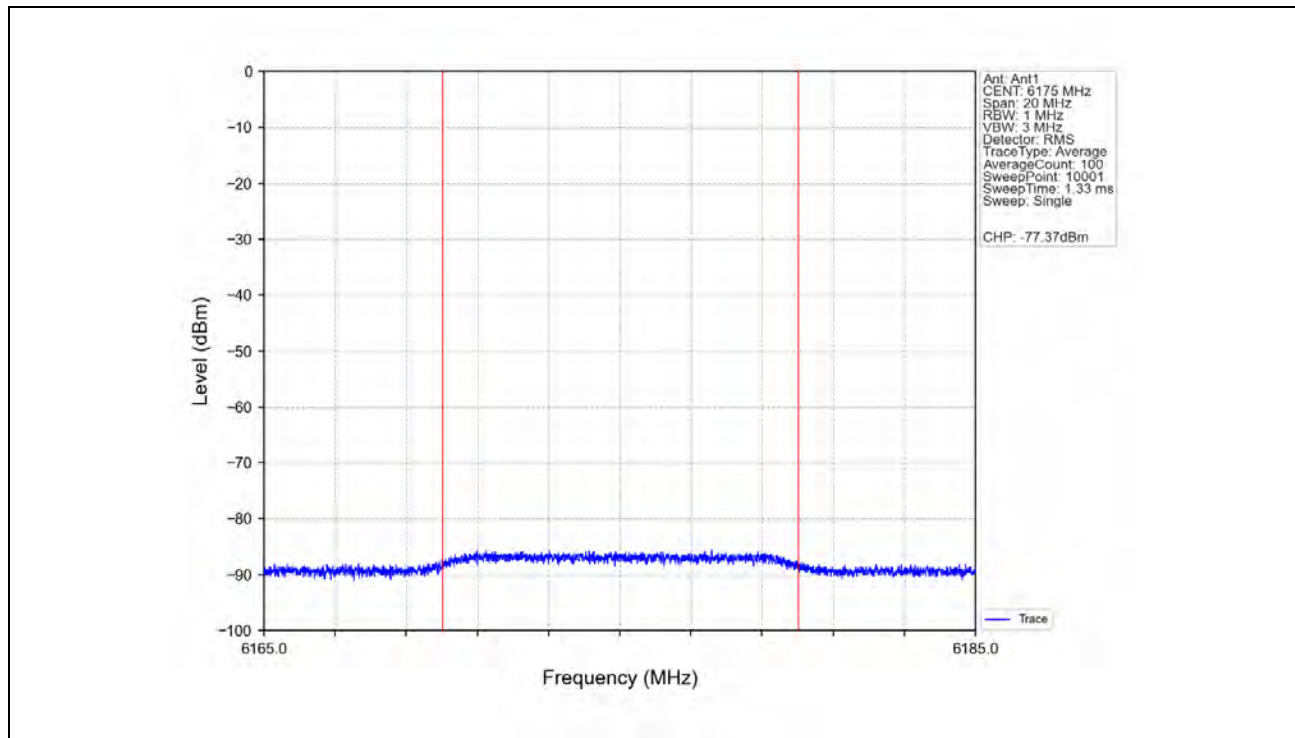
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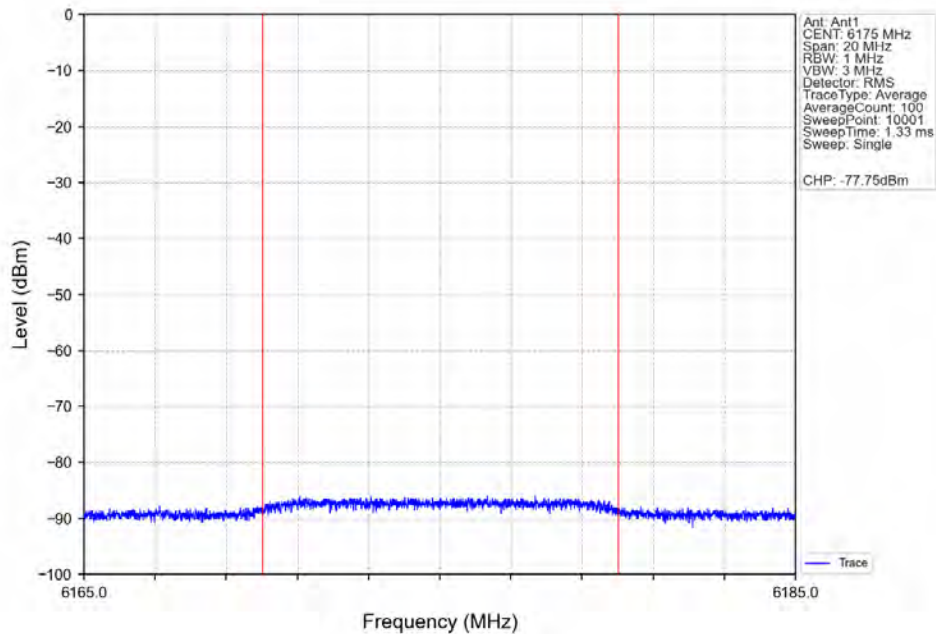
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1.2.2 Contention Based Protocol_Detection Power_Band 5_Ant1

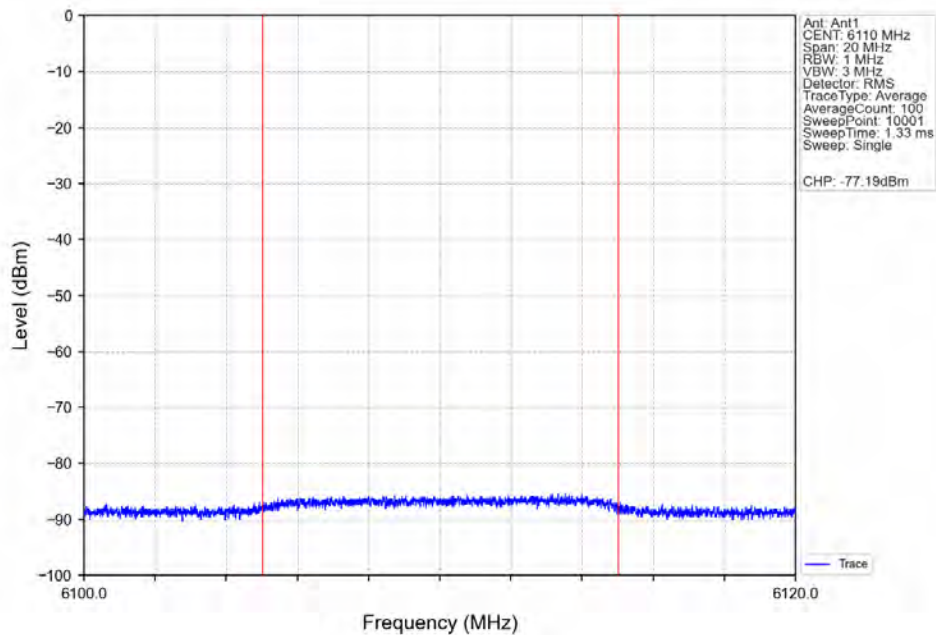




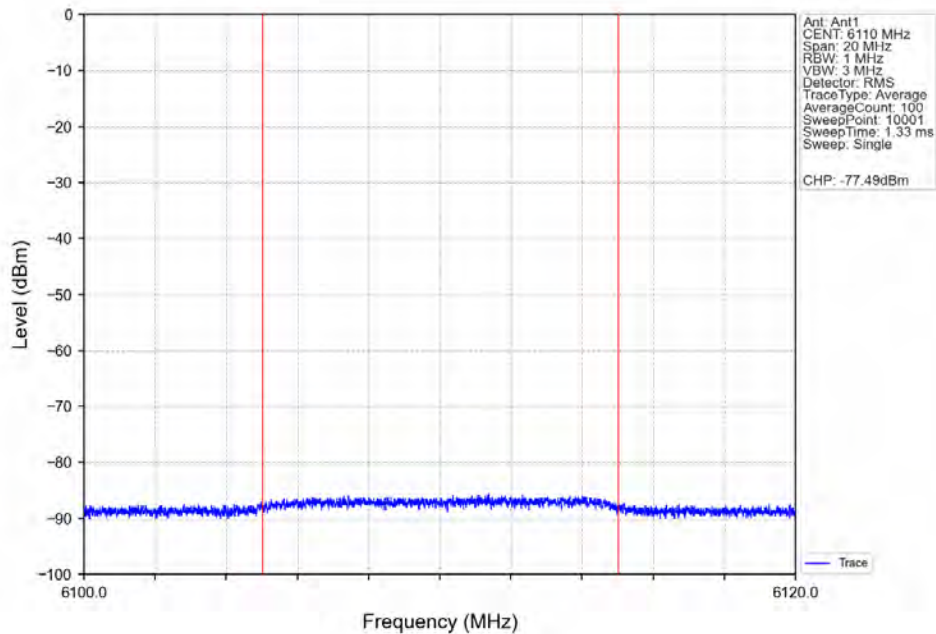
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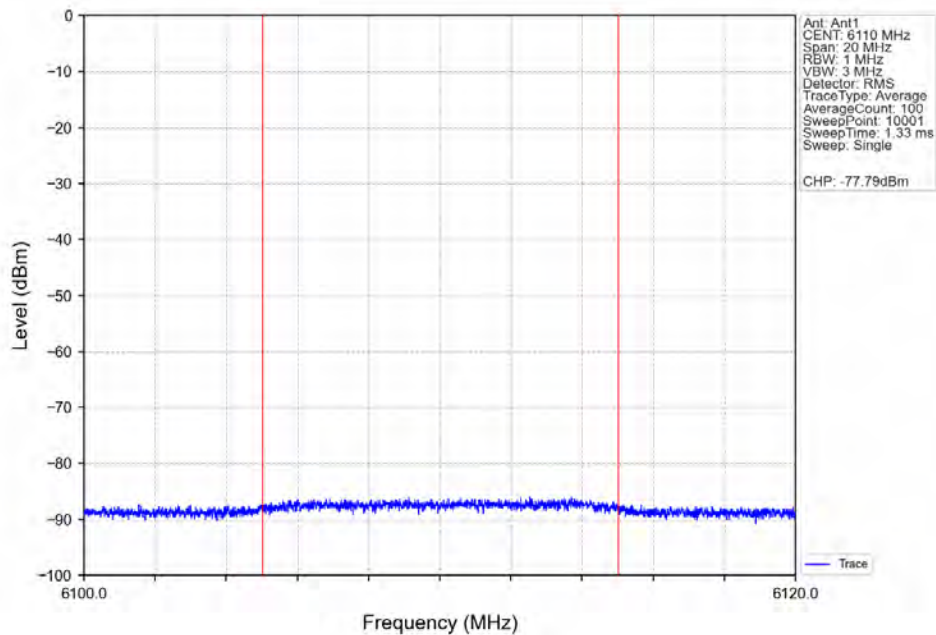
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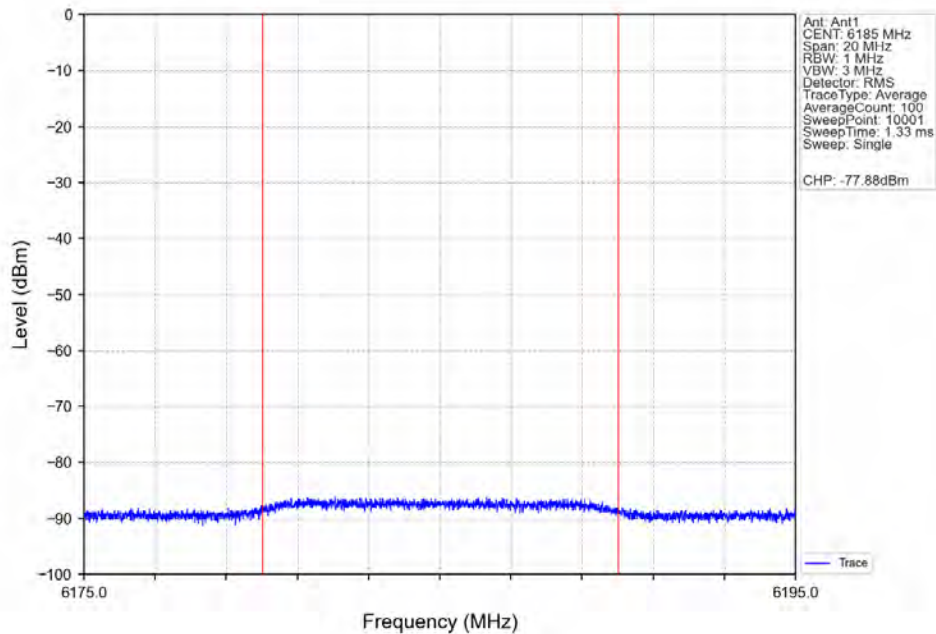
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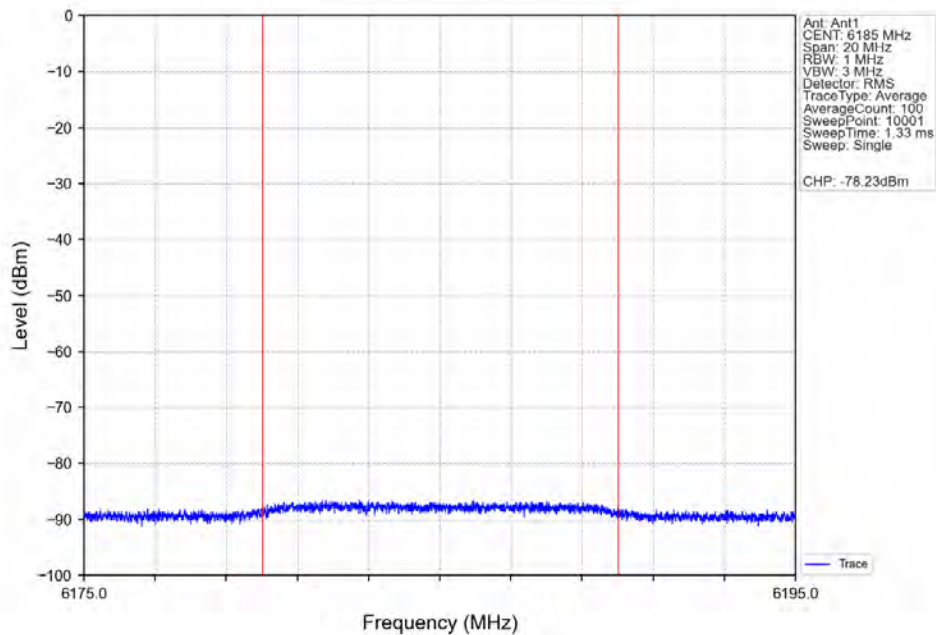
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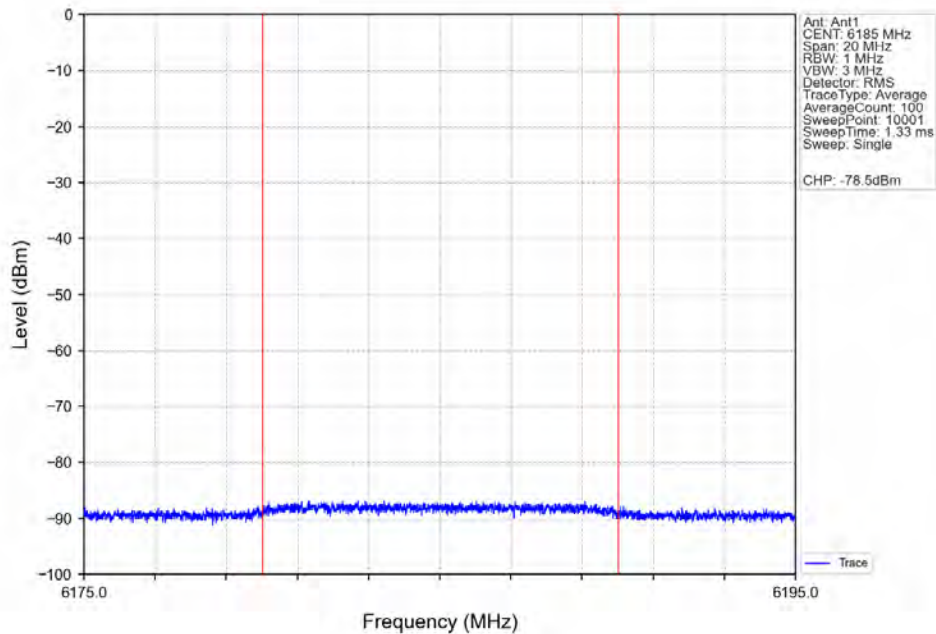
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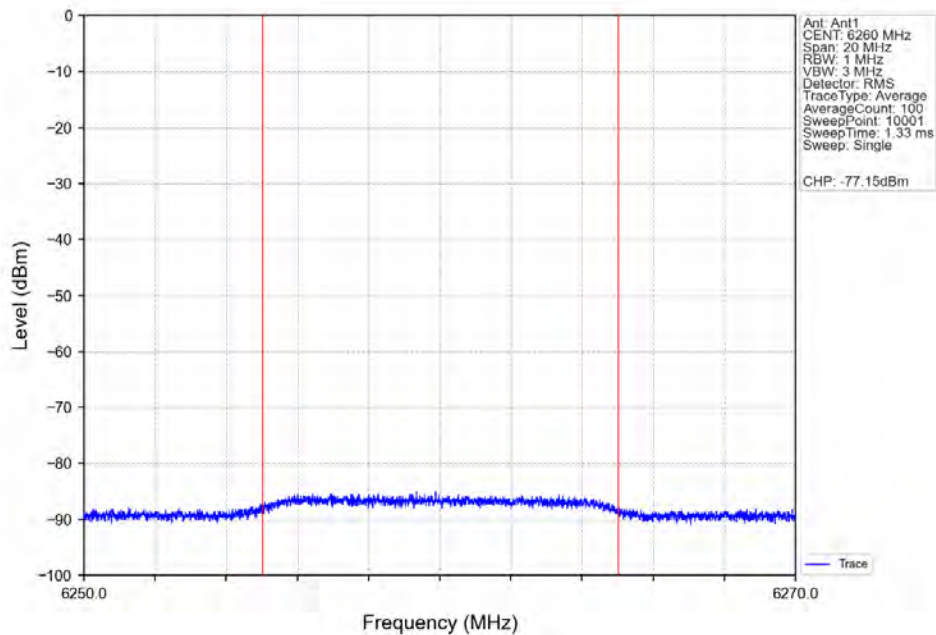
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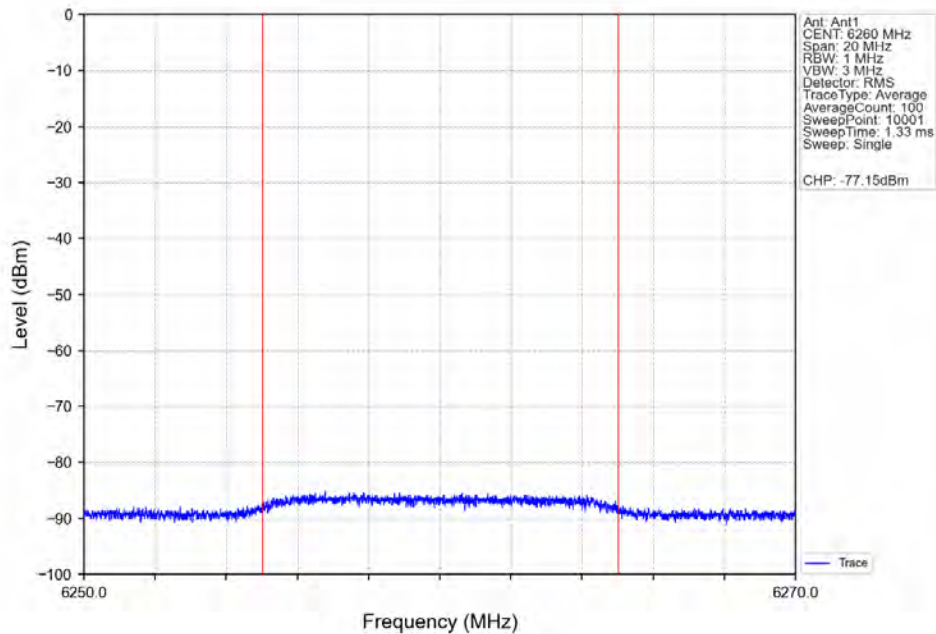
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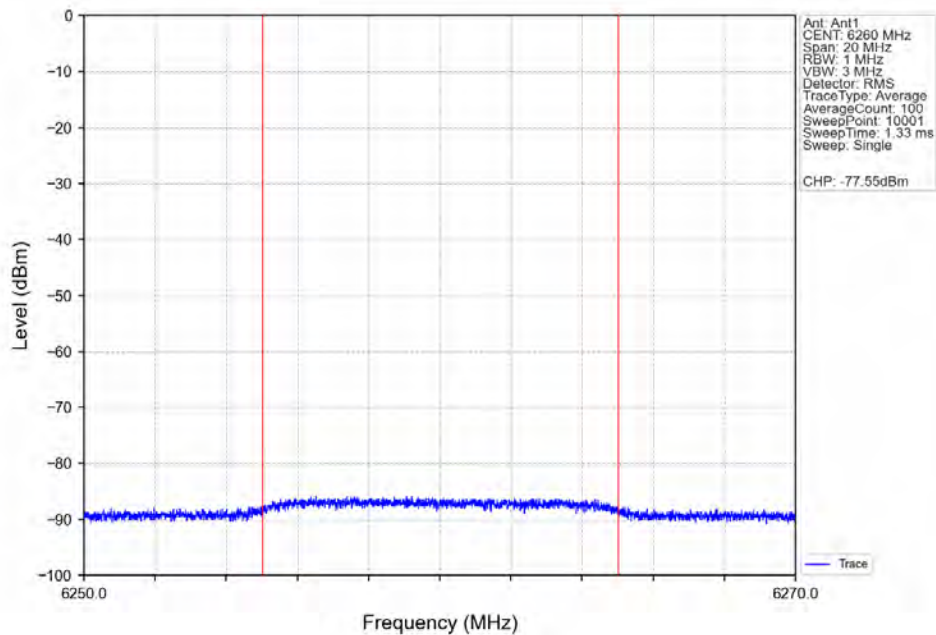
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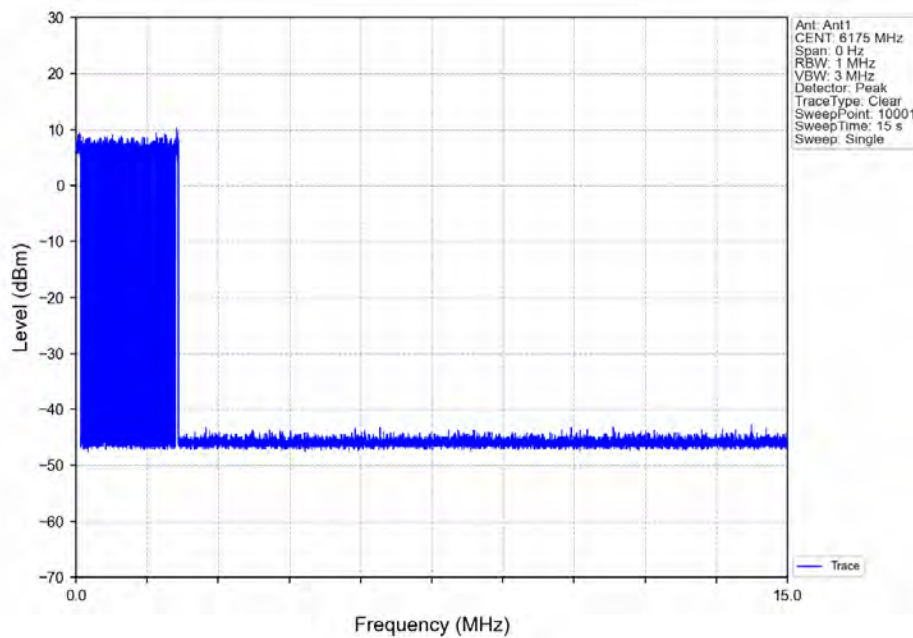


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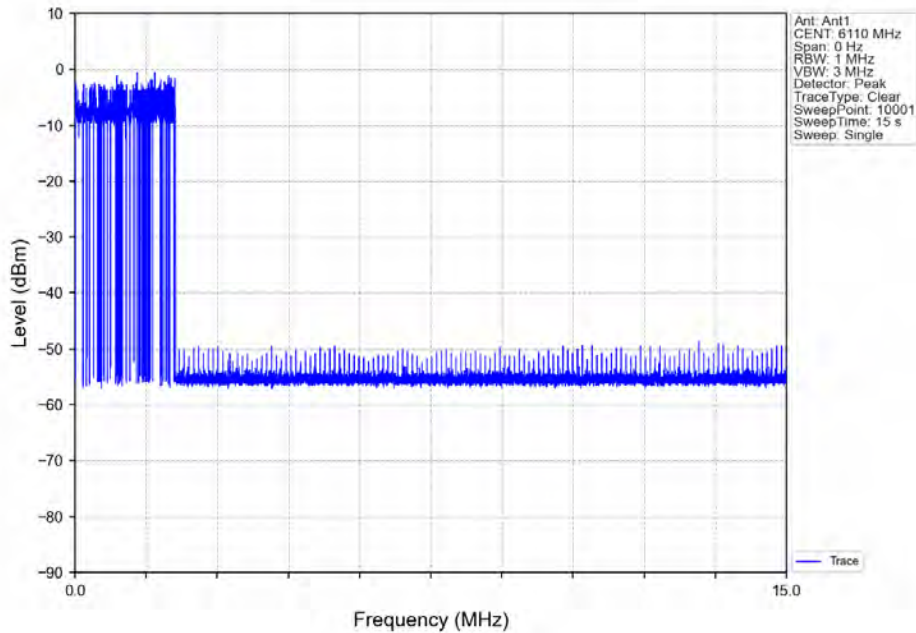


1.2.3 Contention Based Protocol_Detection Probability_Band 5_Ant1

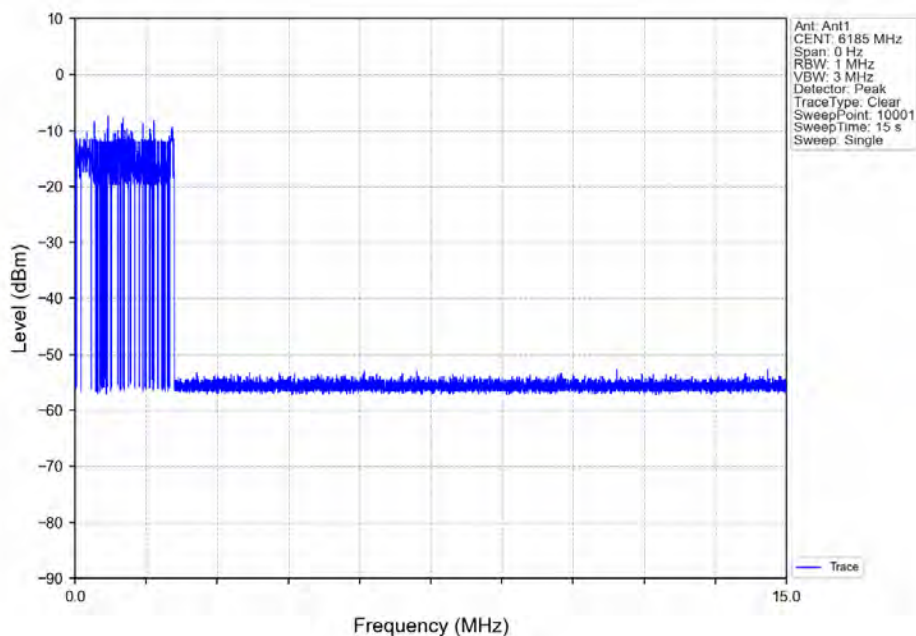
802.11ax(HEW20)_MCH_6175MHz_Inject signal_6175MHz_ - Inject Incumbent signal at 10th seconds and keep the signal continuously injected



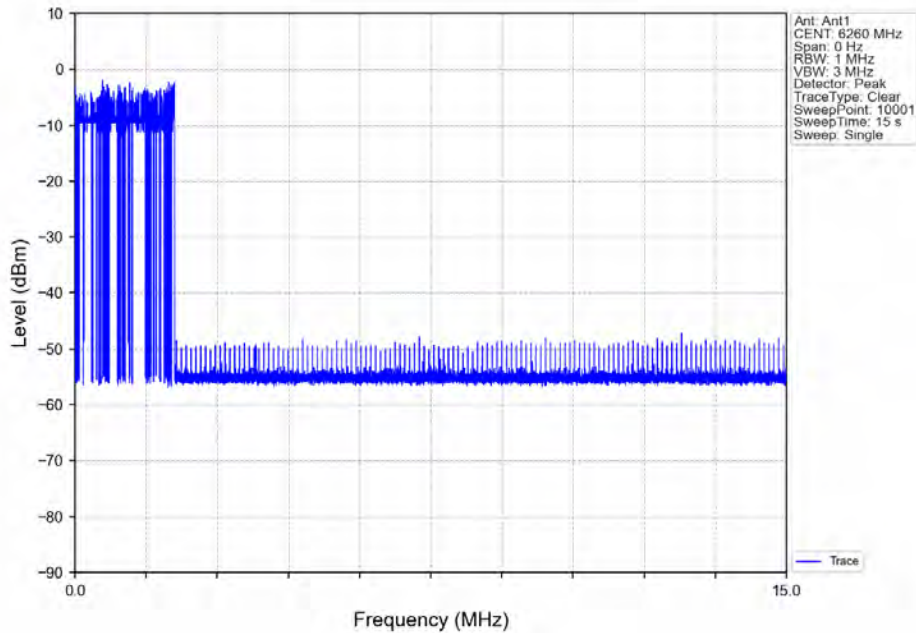
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802.11ax(HEW160)_MCH_6185MHz_Inject signal_6260MHz - Inject Incumbent signal at 10th seconds and keep the signal continuously injected



802.11ax(HEW160)_MCH_6185MHz_Inject signal_6260MHz - Inject Incumbent signal at 10th seconds and keep the signal continuously injected



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1. Duty Cycle

1.1 Test Result

1.1.1 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11a	SISO	5955	/	/	1.393	2.155	64.64	1.89	3.10
			6175	/	/	1.393	2.155	64.64	1.89	4.01
			6415	/	/	1.392	2.146	64.86	1.88	0.30
	802.11ax (HEW20)	MIMO	5955	RU242	Left	0.302	1.028	29.38	5.32	0.26
			6175	RU242	Left	0.302	1.028	29.38	5.32	0.28
			6415	RU242	Left	0.301	1.028	29.28	5.33	2.21
	802.11ax (HEW40)	MIMO	5965	RU484	Left	0.302	1.028	29.38	5.32	3.85
			6165	RU484	Left	0.301	1.055	28.53	5.45	1.01
			6405	RU484	Left	0.302	1.046	28.87	5.40	4.21
	802.11ax (HEW80)	MIMO	5985	RU996	Left	0.288	1.059	27.20	5.66	0.72
			6145	RU996	Left	0.289	0.889	32.51	4.88	46.34
			6385	RU996	Left	0.288	2.130	13.52	8.69	14.38
	802.11ax (HEW160)	MIMO	6025	2xRU996	Left	0.288	0.852	33.80	4.71	39.45
			6185	2xRU996	Left	0.288	1.095	26.30	5.80	3.42
			6345	2xRU996	Left	0.288	1.095	26.30	5.80	3.41

1.1.2 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11a	SISO	6435	/	/	1.392	2.155	64.59	1.90	1.10
			6475	/	/	1.392	2.146	64.86	1.88	0.28
			6515	/	/	1.392	2.154	64.62	1.90	2.52
	802.11ax (HEW20)	MIMO	6435	RU242	Left	0.301	1.028	29.28	5.33	0.29
			6475	RU242	Left	0.301	1.037	29.03	5.37	4.02
			6515	RU242	Left	0.301	1.028	29.28	5.33	0.26
	802.11ax (HEW40)	MIMO	6445	RU484	Left	0.301	1.046	28.78	5.41	0.76
			6485	RU484	Left	0.303	1.046	28.97	5.38	0.77
	802.11ax	MIMO	6465	RU996	Left	0.288	1.059	27.20	5.66	0.74



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(HEW80)									
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1.1.3 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11a	SISO	6535	/	/	1.392	2.145	64.90	1.88	2.86
			6695	/	/	1.392	2.146	64.86	1.88	1.70
			6855	/	/	1.392	2.146	64.86	1.88	1.98
	802.11ax (HEW20)	MIMO	6535	RU242	Left	0.301	1.027	29.31	5.33	4.13
			6695	RU242	Left	0.301	1.028	29.28	5.33	0.29
			6855	RU242	Left	0.302	1.028	29.38	5.32	0.29
	802.11ax (HEW40)	MIMO	6565	RU484	Left	0.301	1.064	28.29	5.48	1.33
			6685	RU484	Left	0.301	0.866	34.76	4.59	48.40
			6845	RU484	Left	0.302	1.055	28.63	5.43	4.55
	802.11ax (HEW80)	MIMO	6625	RU996	Left	0.288	2.139	13.46	8.71	14.45
			6705	RU996	Left	0.289	1.059	27.29	5.64	0.74
			6785	RU996	Left	0.289	1.059	27.29	5.64	0.74
	802.11ax (HEW160)	MIMO	6665	2xRU996	Left	0.288	1.095	26.30	5.80	0.70

1.1.4 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11a	SISO	6895	/	/	1.392	2.173	64.06	1.93	1.64
			6995	/	/	1.392	2.146	64.86	1.88	0.84
			7115	/	/	1.393	2.200	63.32	1.98	2.41
	802.11ax (HEW20)	MIMO	6895	RU242	Left	0.301	1.028	29.28	5.33	0.52
			6995	RU242	Left	0.302	1.028	29.38	5.32	0.29
			7115	RU242	Left	0.302	1.029	29.35	5.32	0.29
	802.11ax (HEW40)	MIMO	6925	RU484	Left	0.302	2.117	14.27	8.46	15.44
			7005	RU484	Left	0.302	1.046	28.87	5.40	4.24
			7085	RU484	Left	0.301	1.091	27.59	5.59	1.95
	802.11ax (HEW80)	MIMO	6945	RU996	Left	0.288	1.059	27.20	5.66	0.75
			7025	RU996	Left	0.288	1.059	27.20	5.66	3.96
	802.11ax (HEW160)	MIMO	6985	2xRU996	Left	0.288	1.086	26.52	5.76	0.71

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1.1.5 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11a	SISO	6875	/	/	1.392	2.146	64.86	1.88	5.31
	802.11ax (HEW20)	MIMO	6875	RU242	Left	0.301	1.028	29.28	5.33	4.10
	802.11ax (HEW40)	MIMO	6885	RU484	Left	0.303	1.046	28.97	5.38	0.77
	802.11ax (HEW80)	MIMO	6865	RU996	Left	0.287	1.049	27.36	5.63	0.50
	802.11ax (HEW160)	MIMO	6825	2xRU996	Left	0.288	1.086	26.52	5.76	0.71

1.1.6 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW40)	MIMO	6525	RU484	Left	0.303	1.055	28.72	5.42	1.01
	802.11ax (HEW80)	MIMO	6545	RU996	Left	0.288	0.888	32.43	4.89	48.28
	802.11ax (HEW160)	MIMO	6505	2xRU996	Left	0.288	1.086	26.52	5.76	0.69



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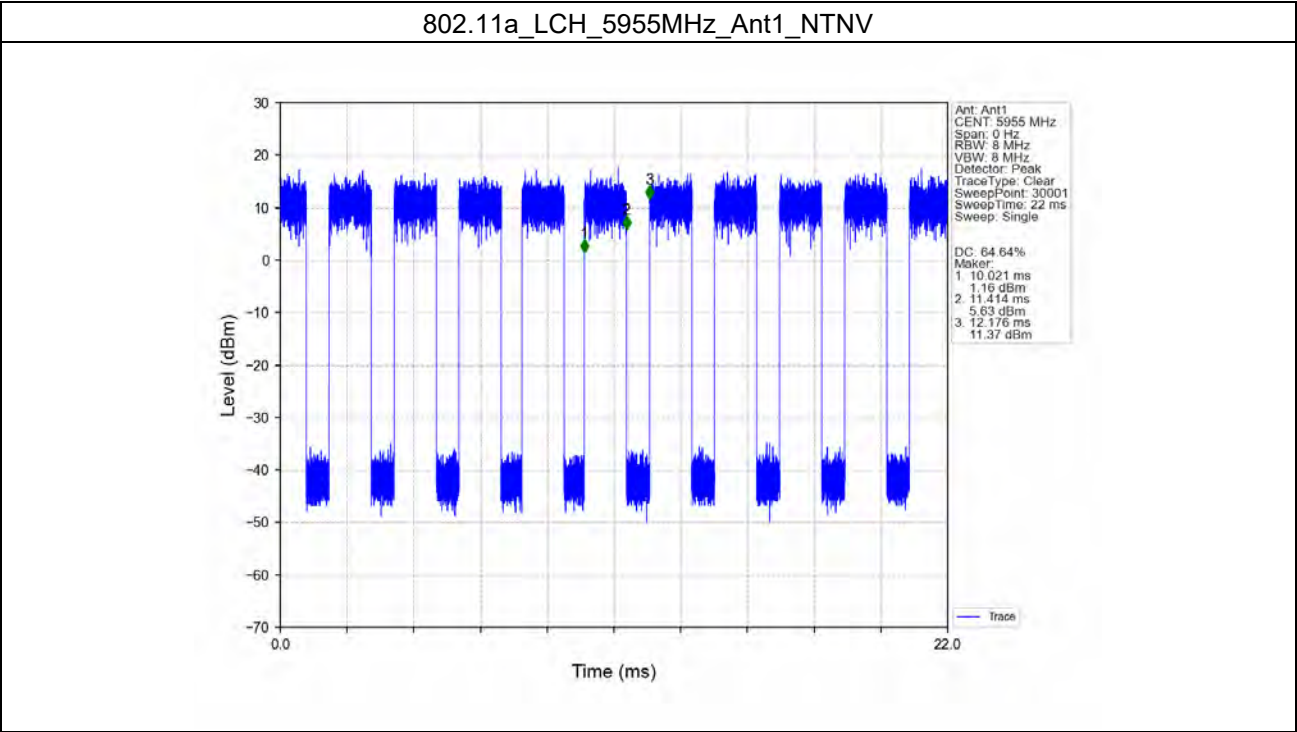
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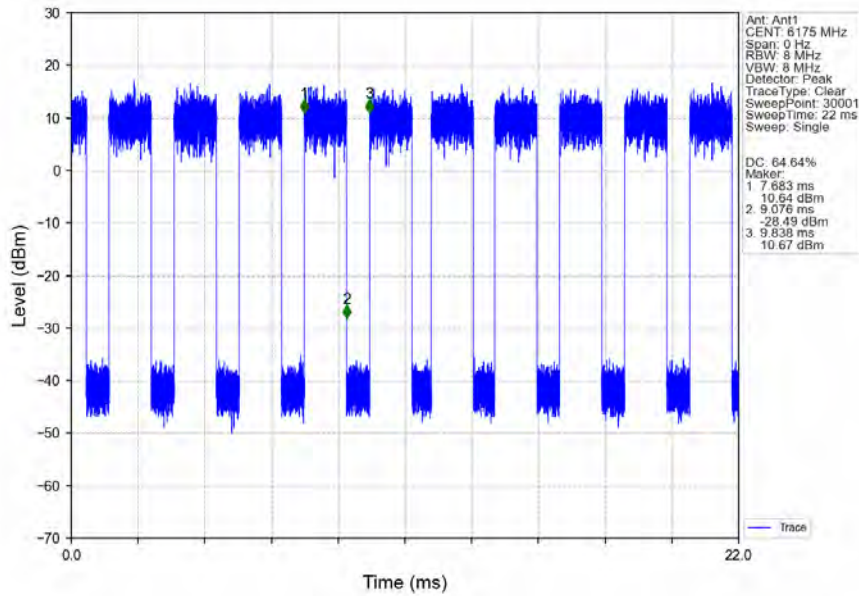
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1.2 Test Graph

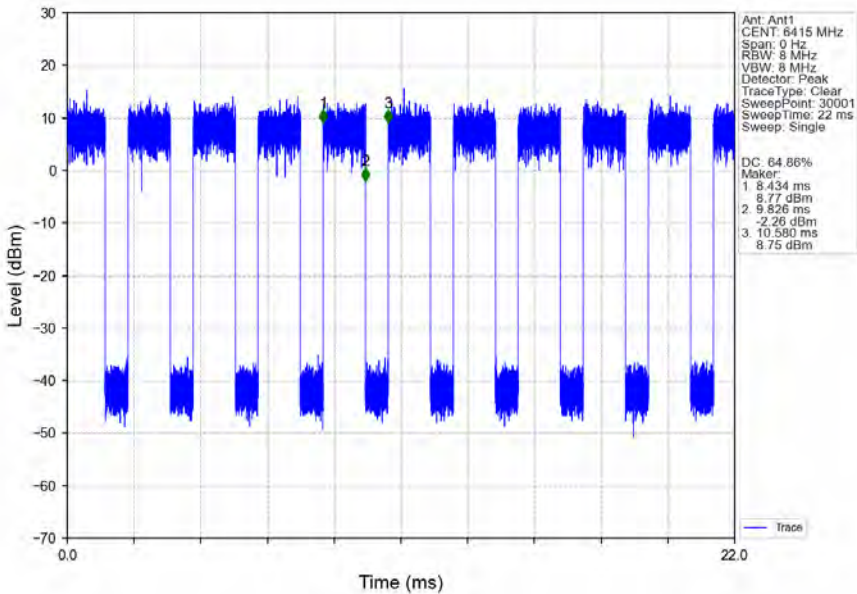
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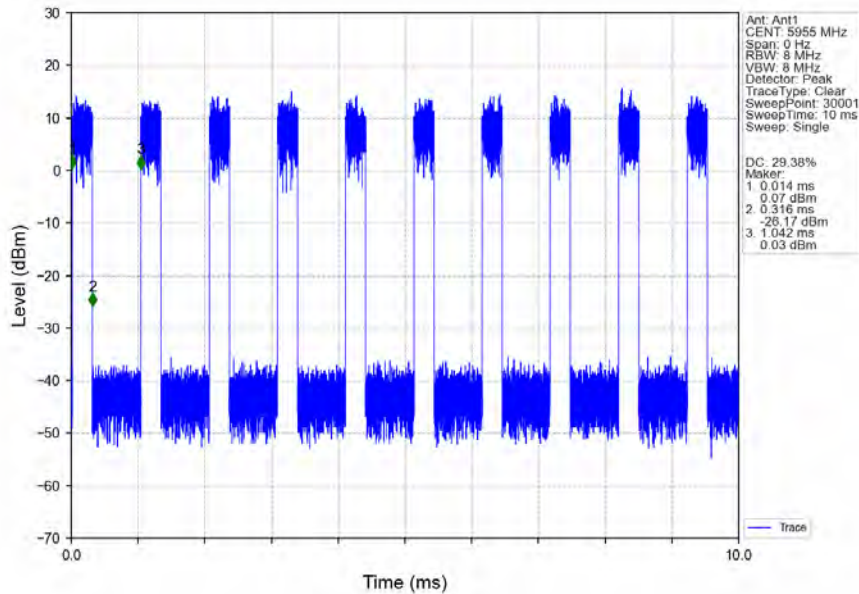
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802.11a_HCH_6415MHz_Ant1_NTNV



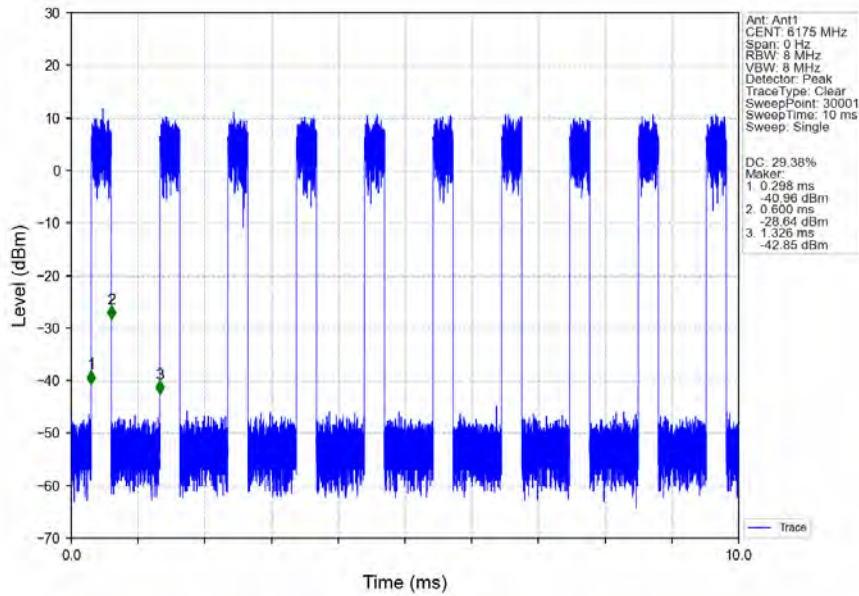
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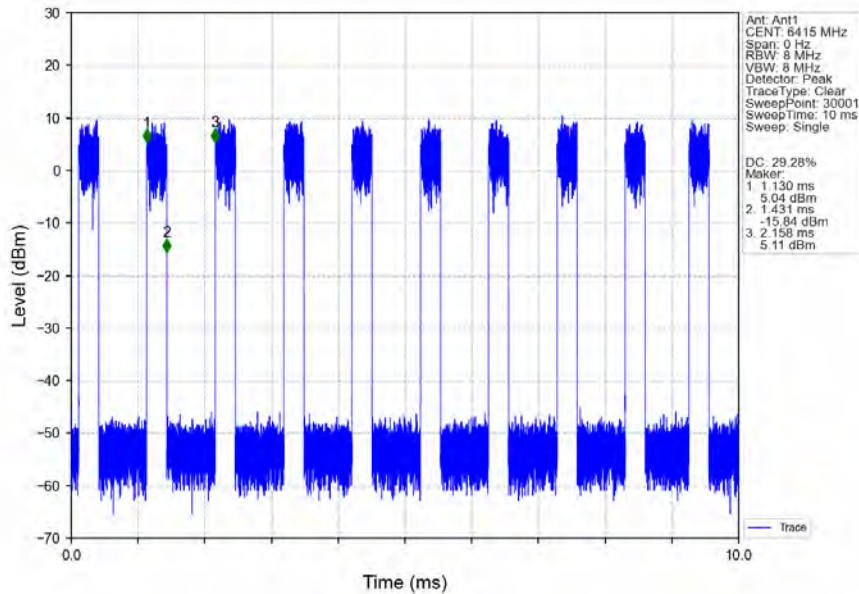
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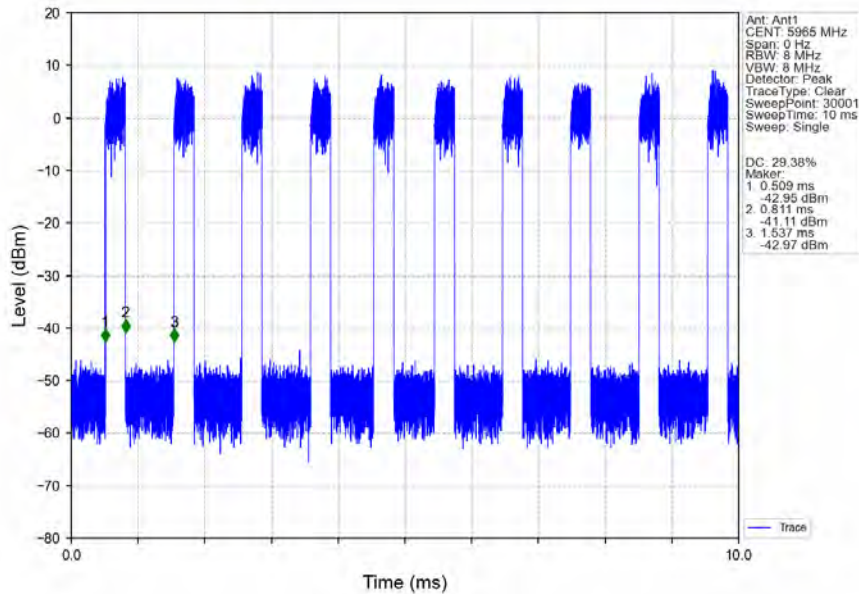
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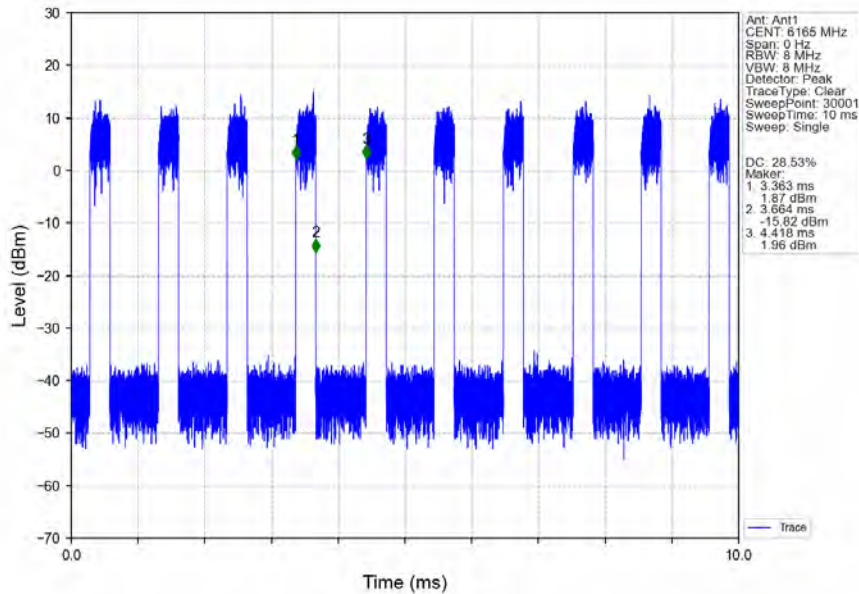
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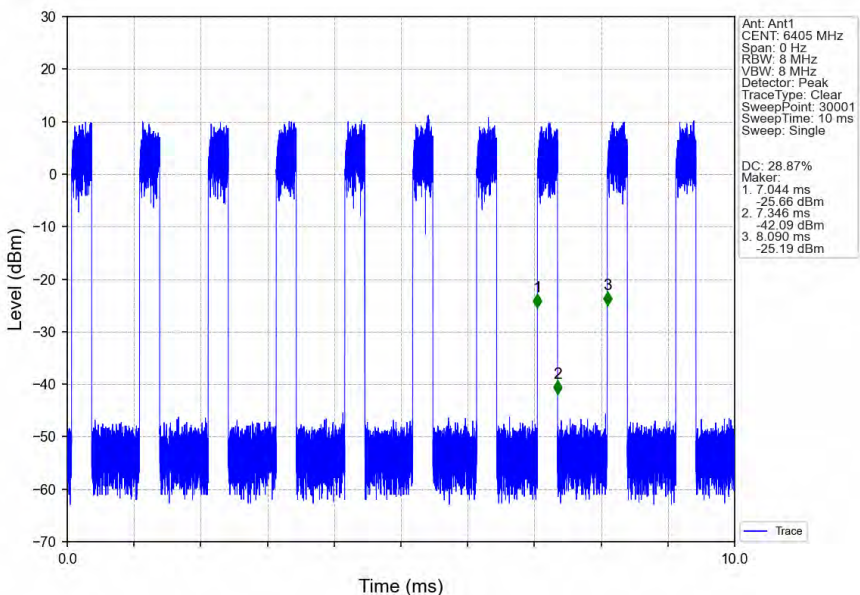
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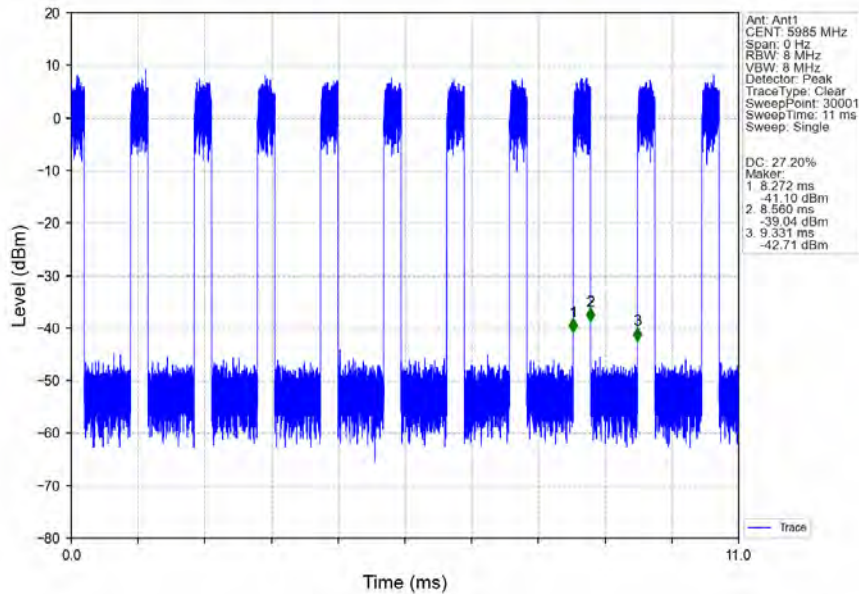
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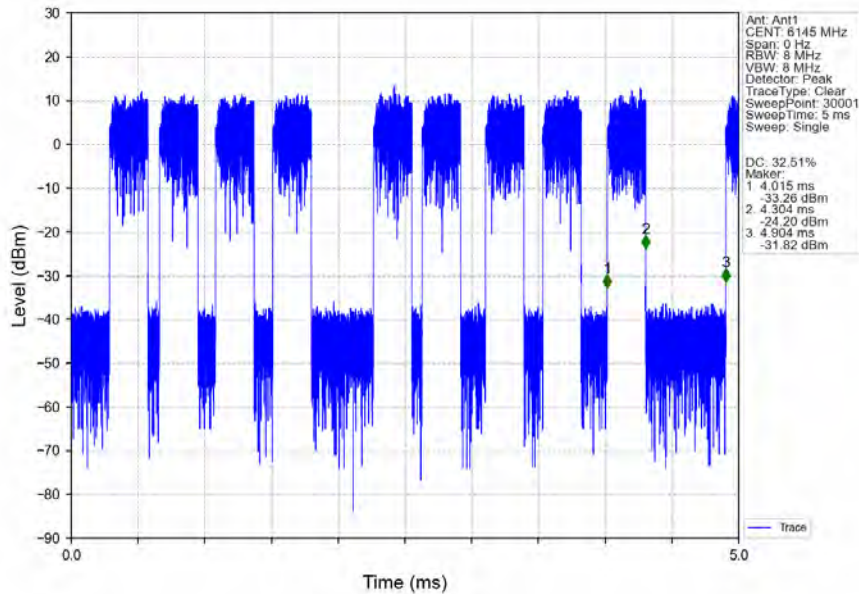
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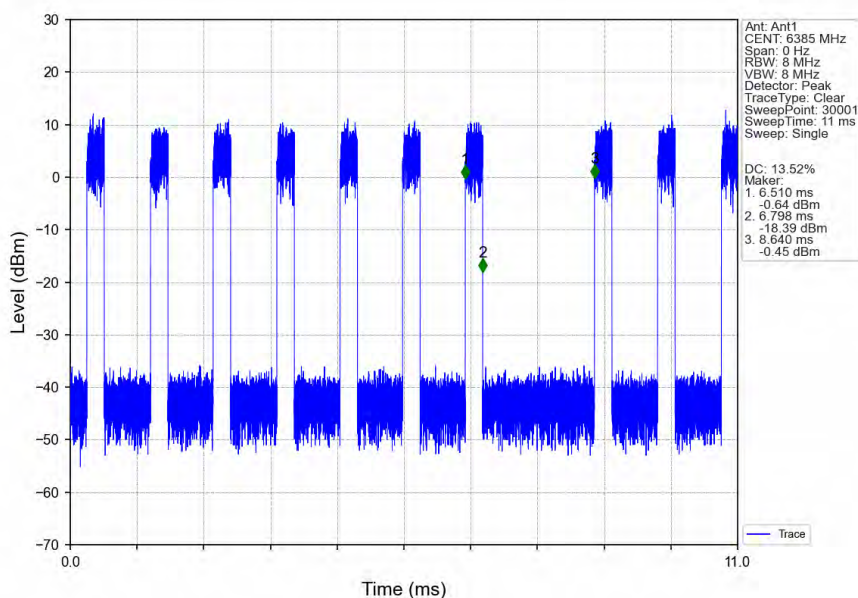
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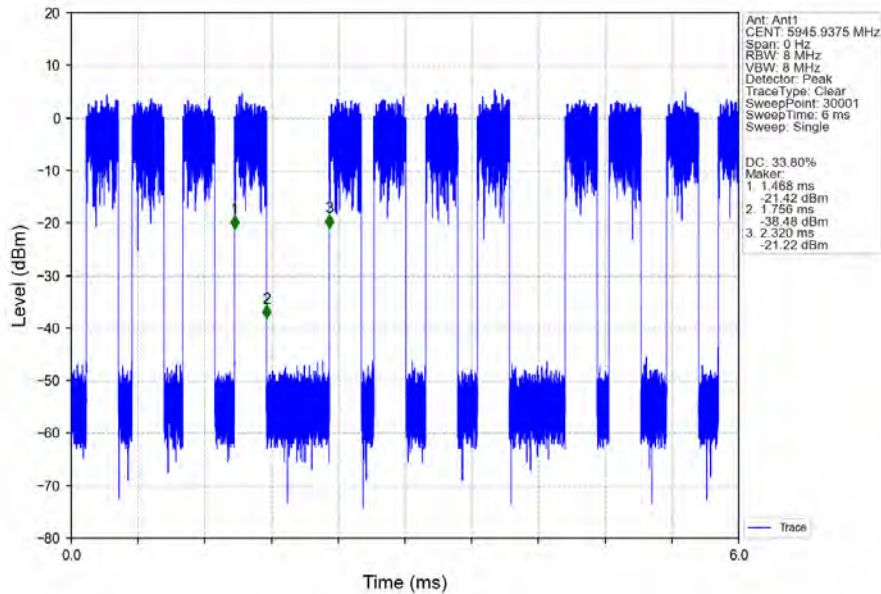
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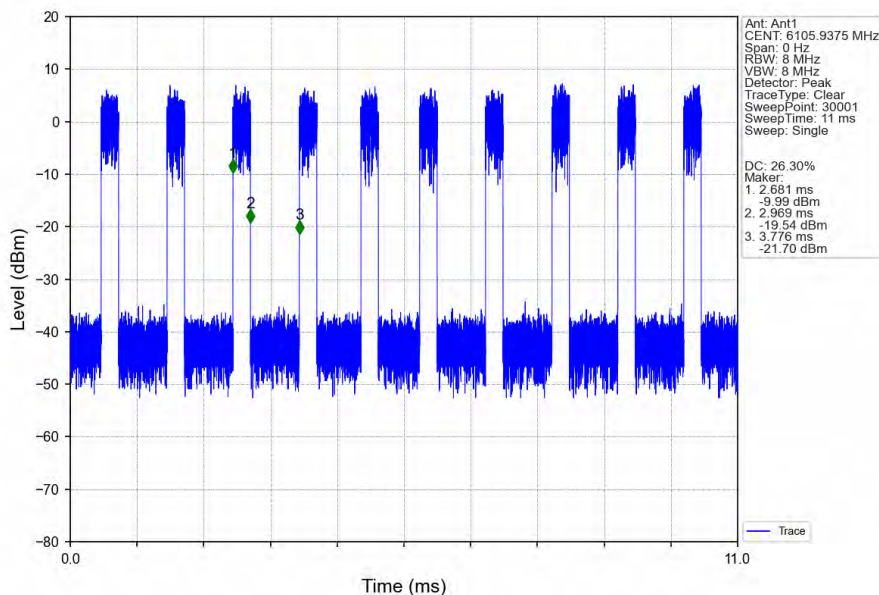
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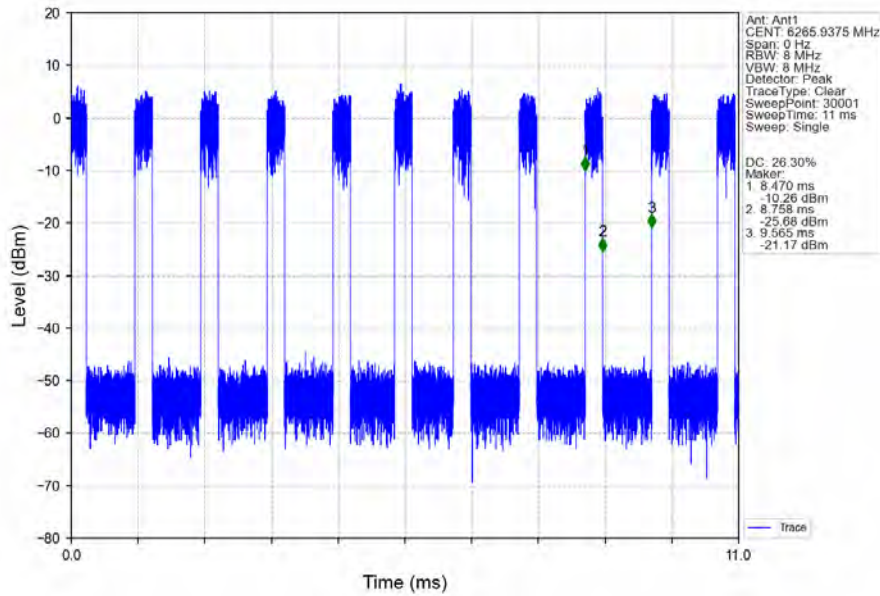
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802.11ax(HEW160)_MCH_6185MHz_2xRU996_Left_Ant1_NTNV



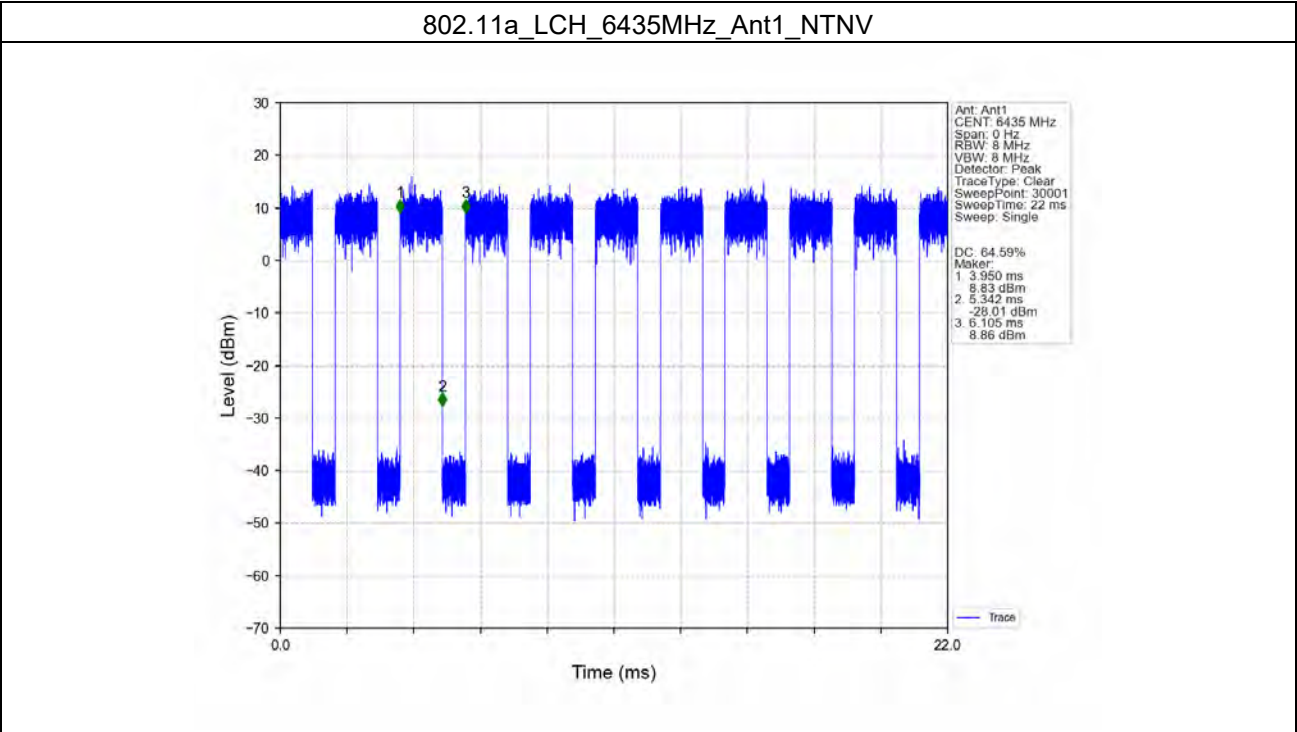
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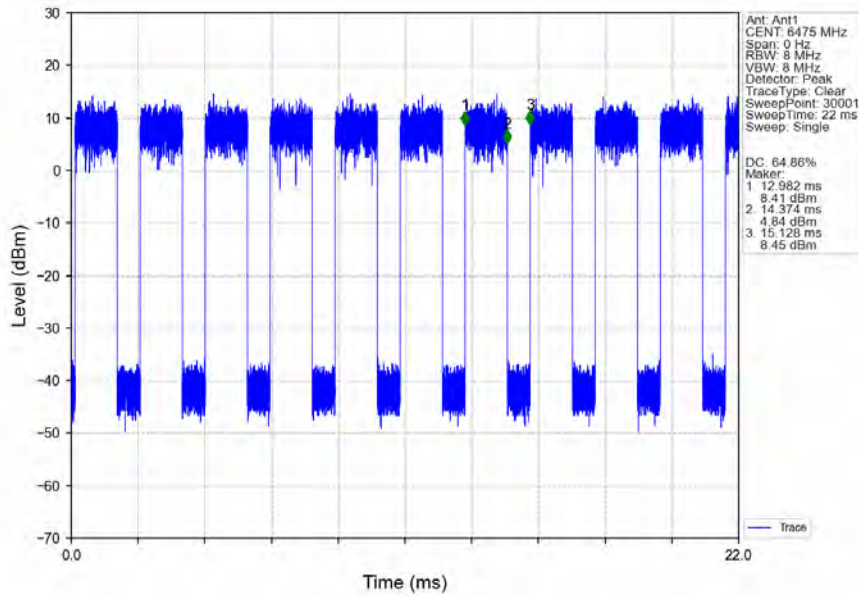
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1.2.2 Ant1



802.11a_MCH_6475MHz_Ant1_NTNV



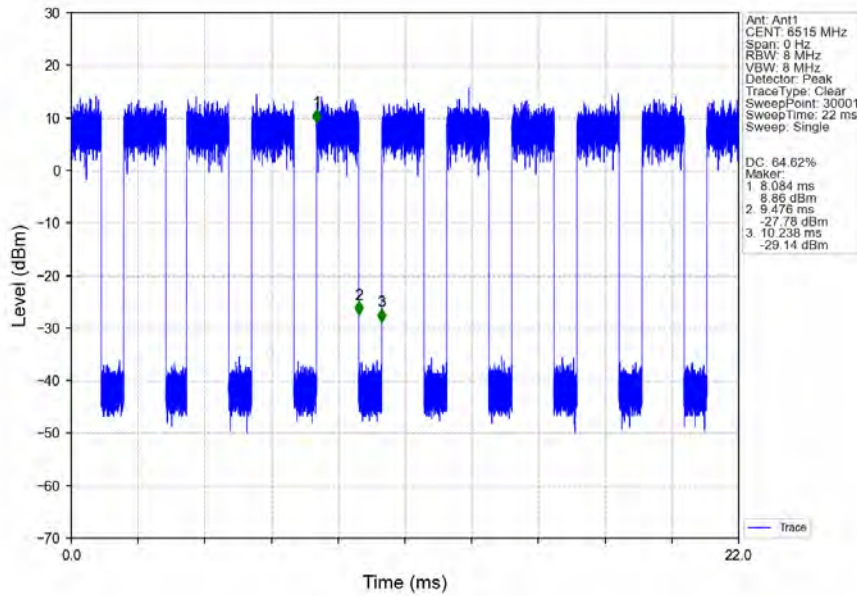
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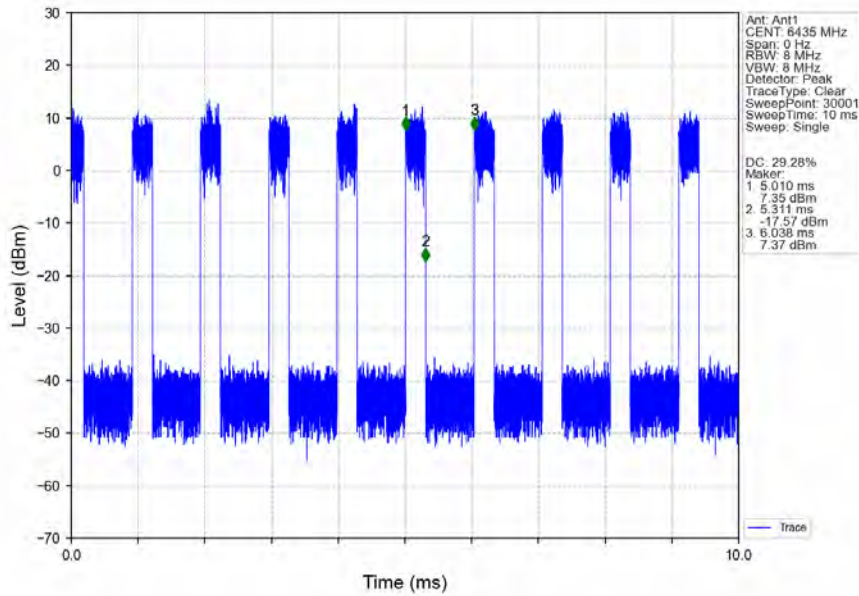
802.11a_HCH_6515MHz_Ant1_NTNV



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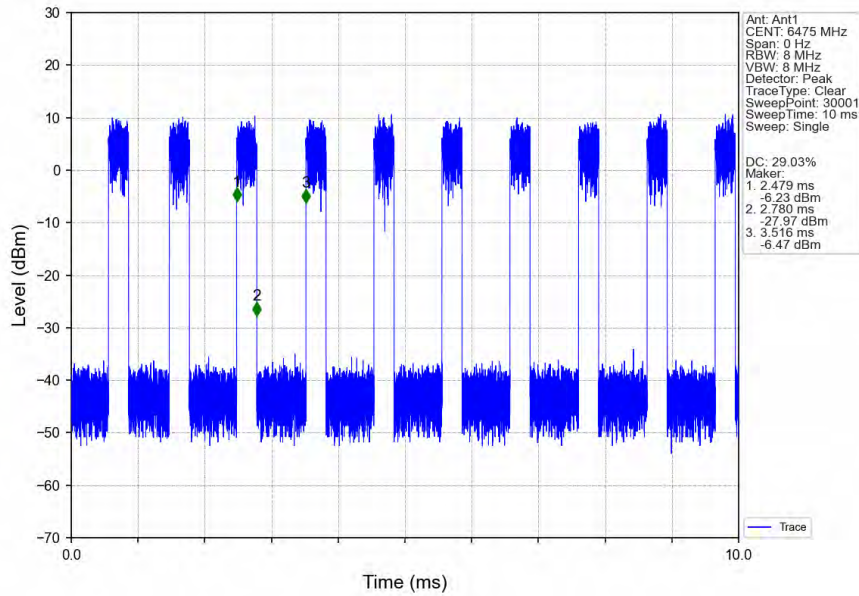
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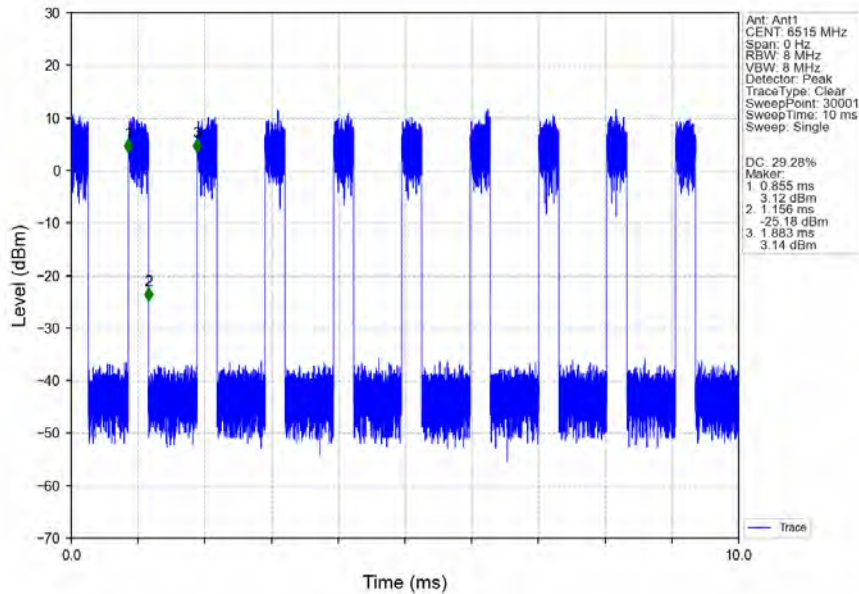
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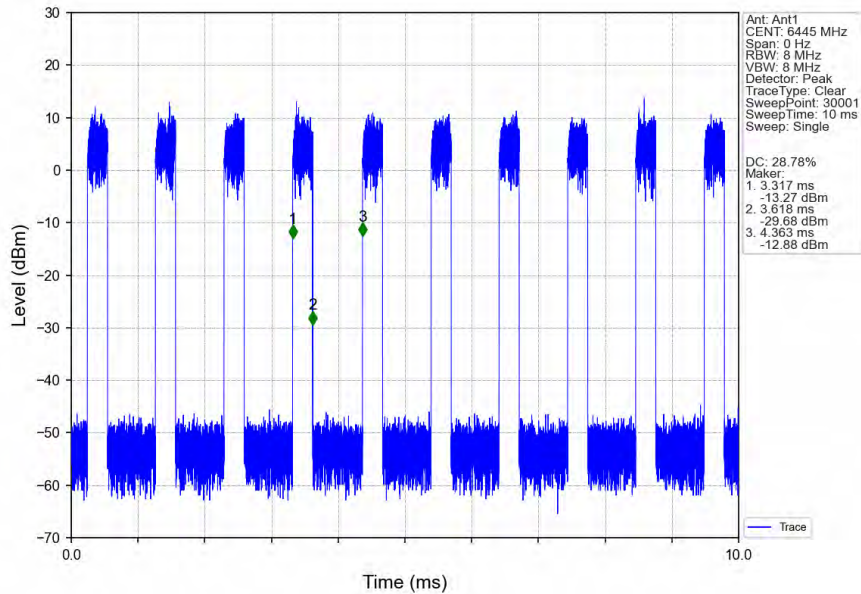
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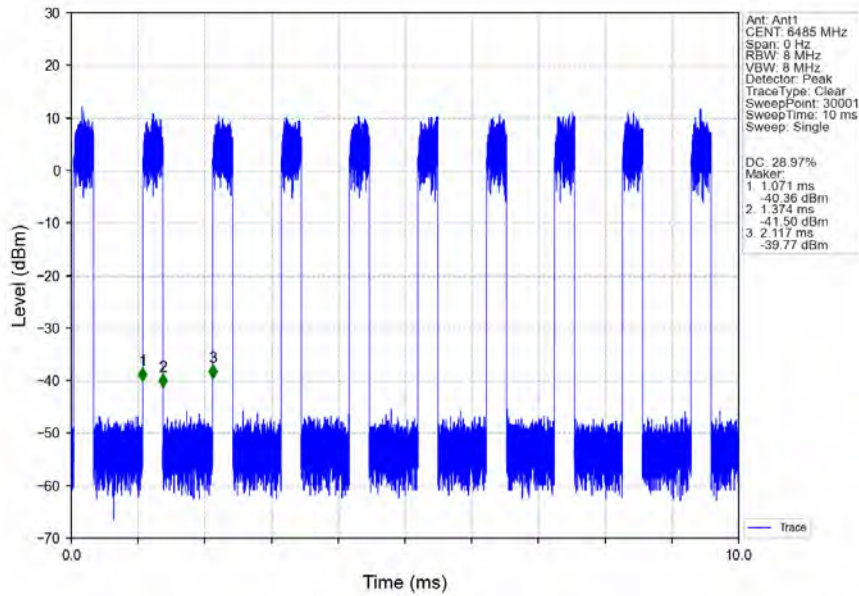
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802.11ax(HEW40)_LCH_6445MHz_RU484_Left_Ant1_NTNV



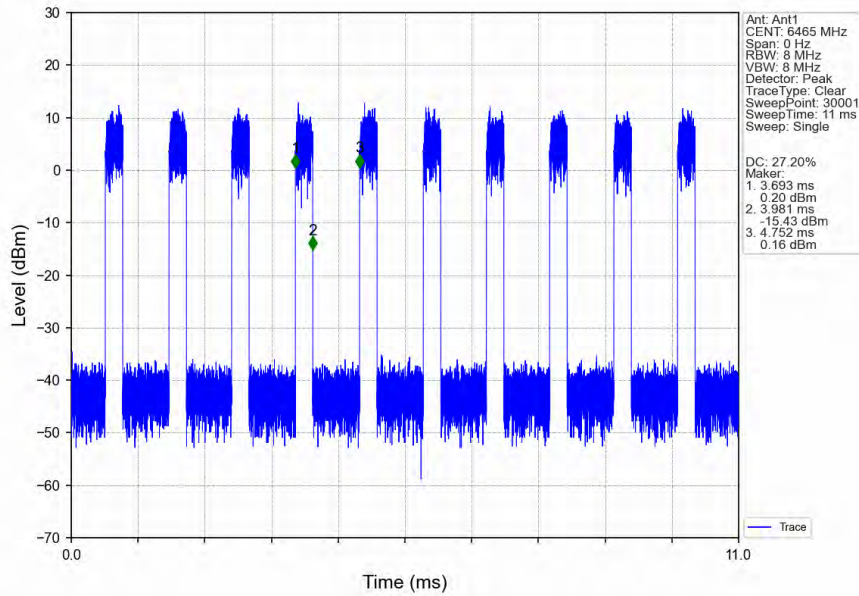
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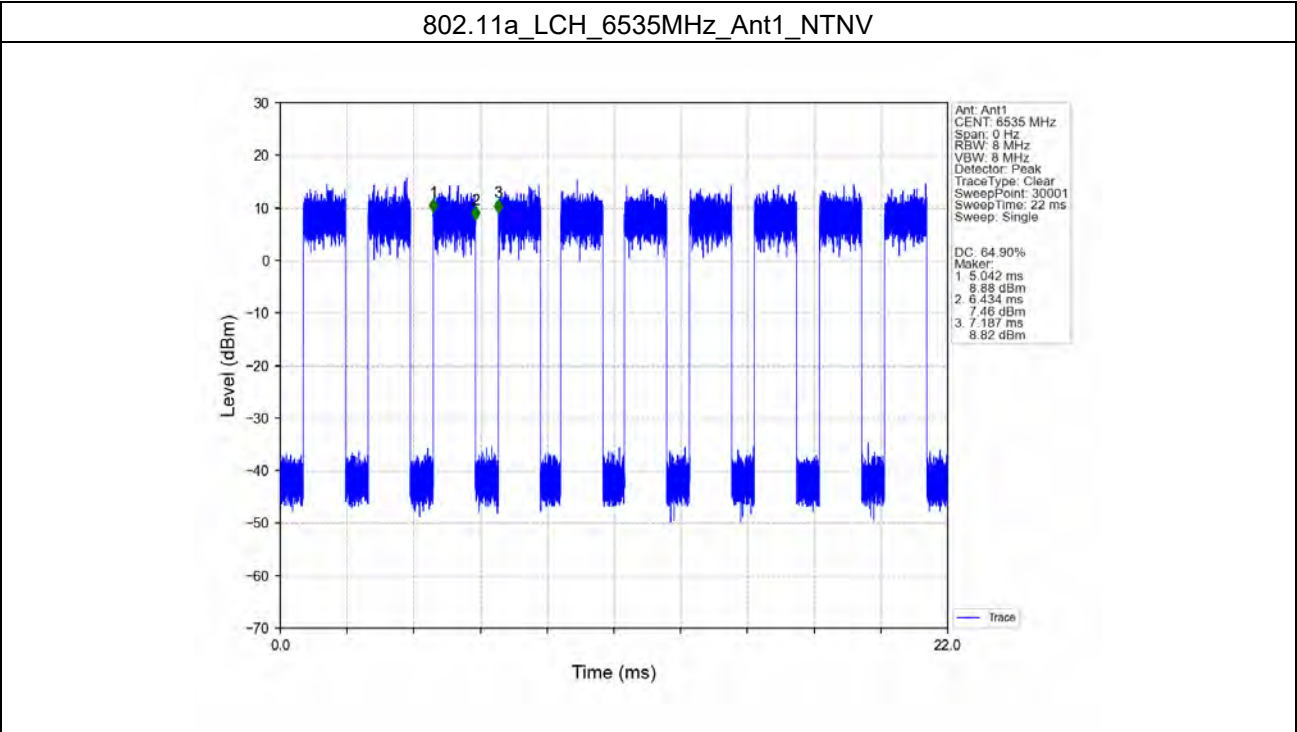
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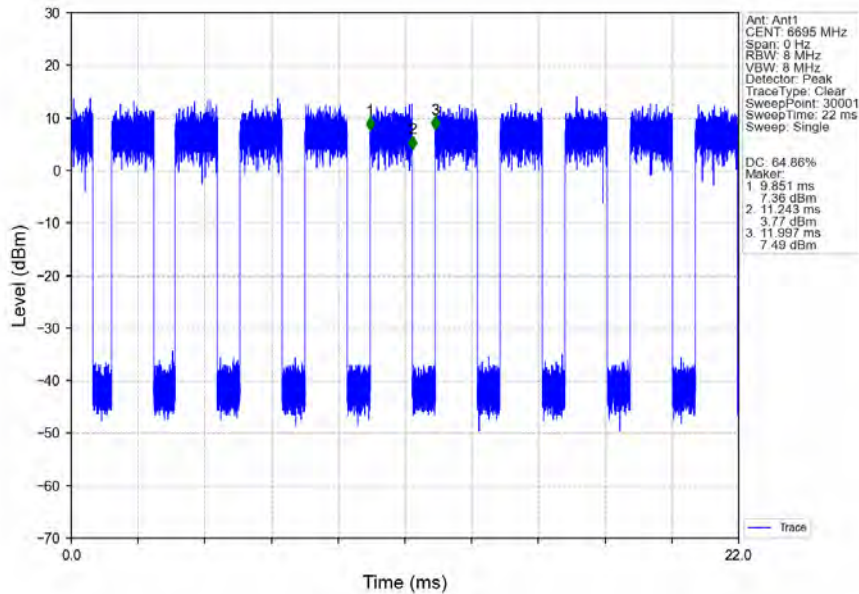
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1.2.3 Ant1



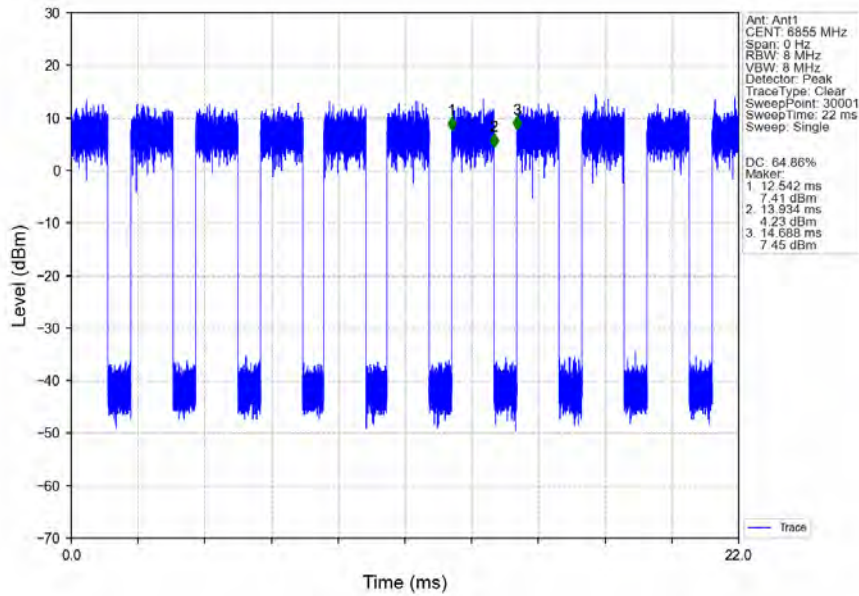
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802.11a_HCH_6855MHz_Ant1_NTNV



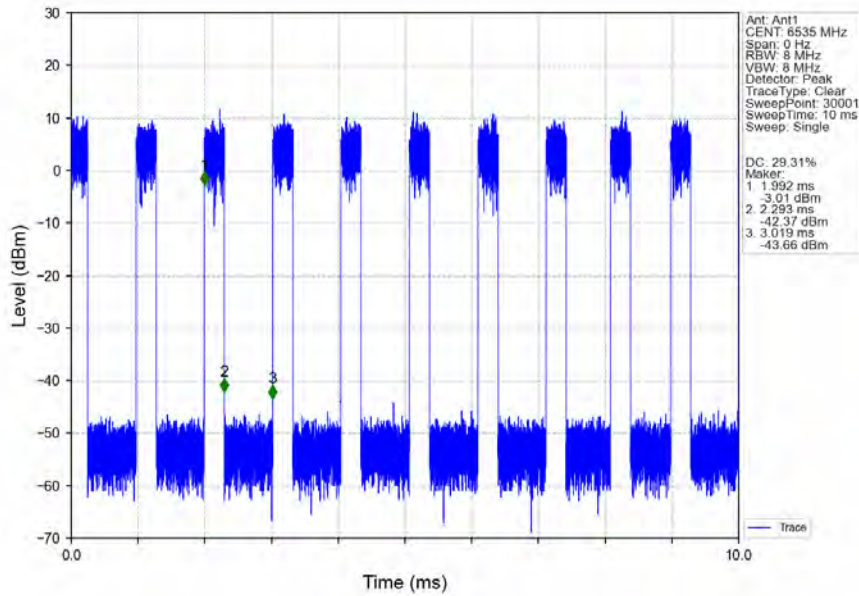
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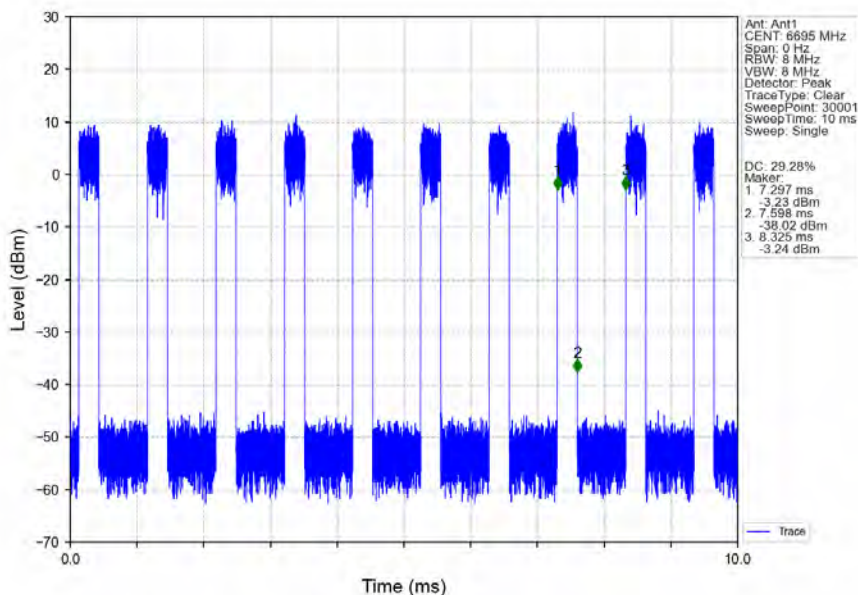
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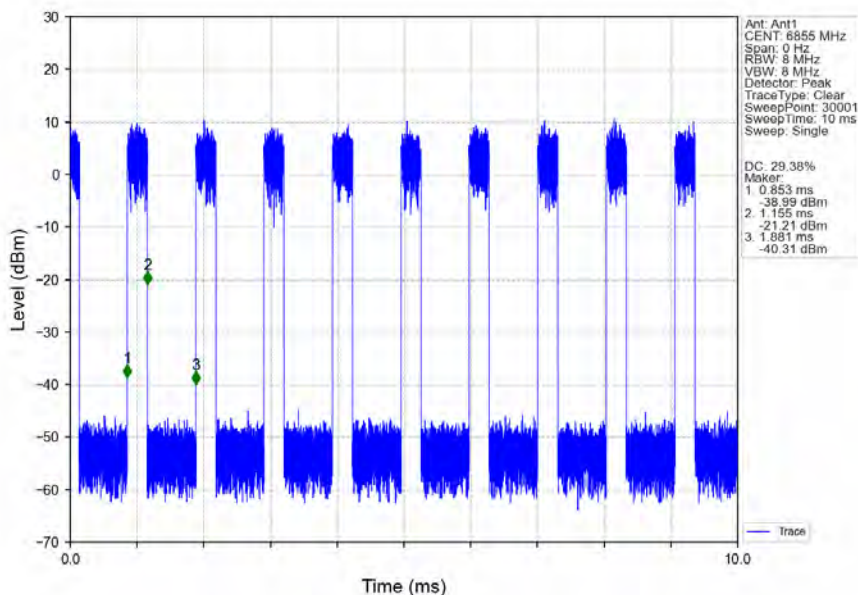
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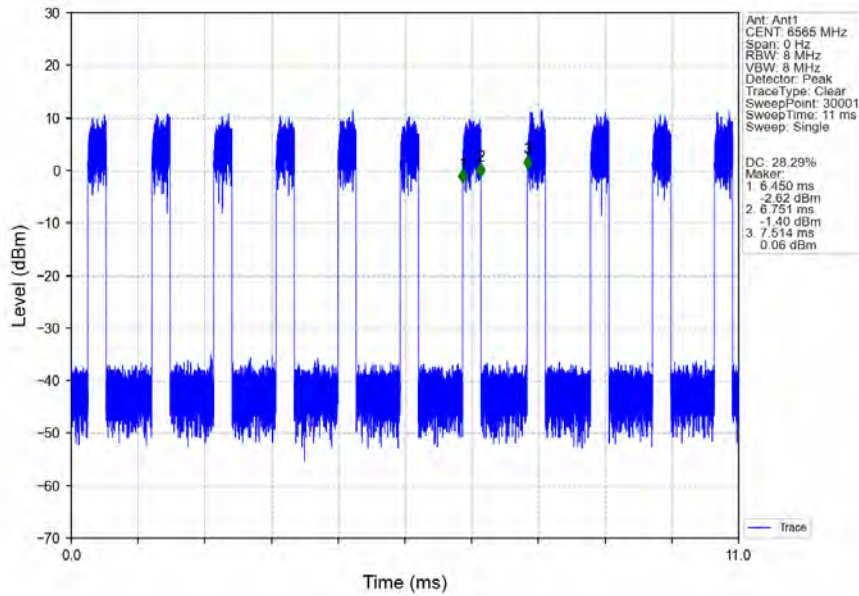
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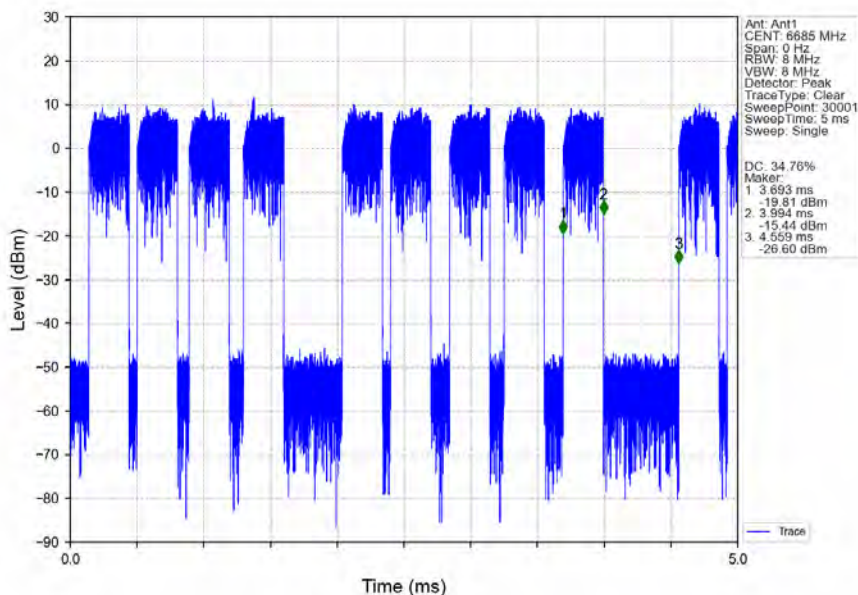
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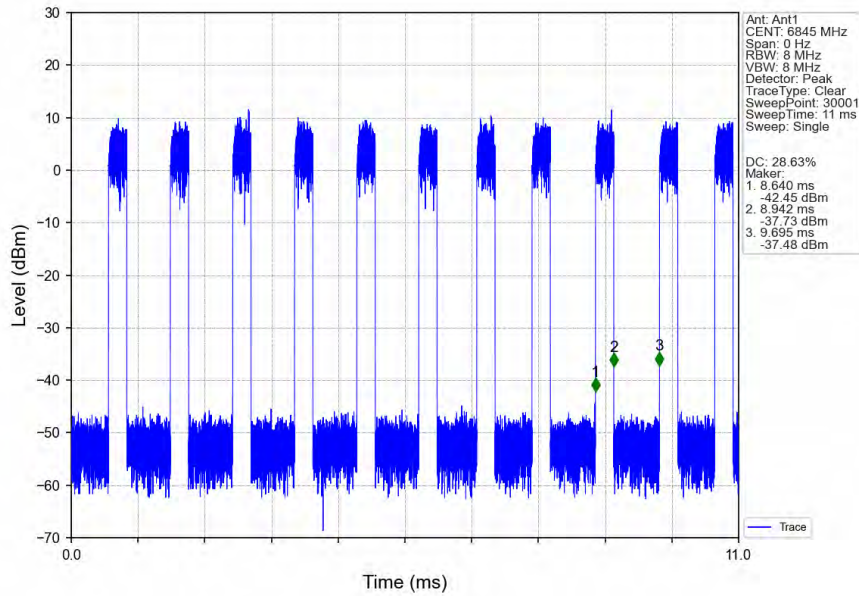
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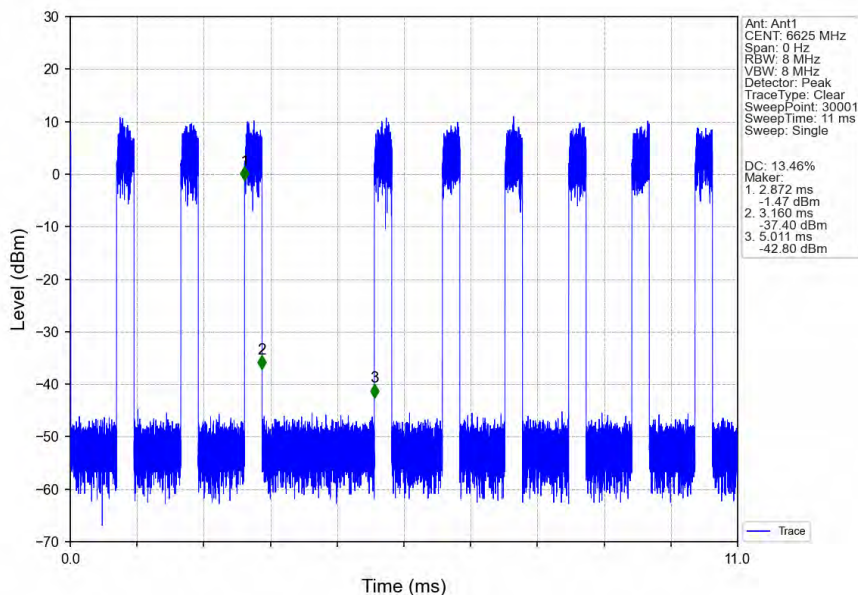
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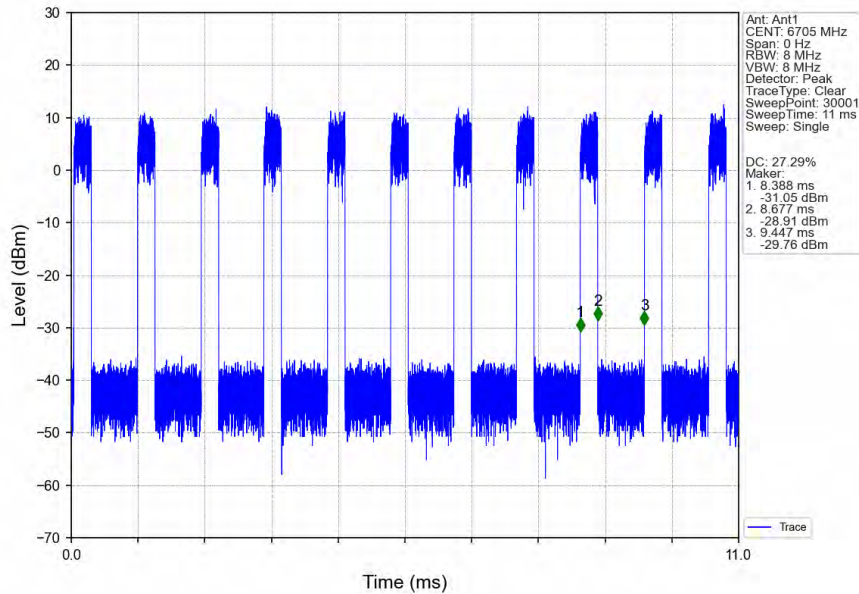
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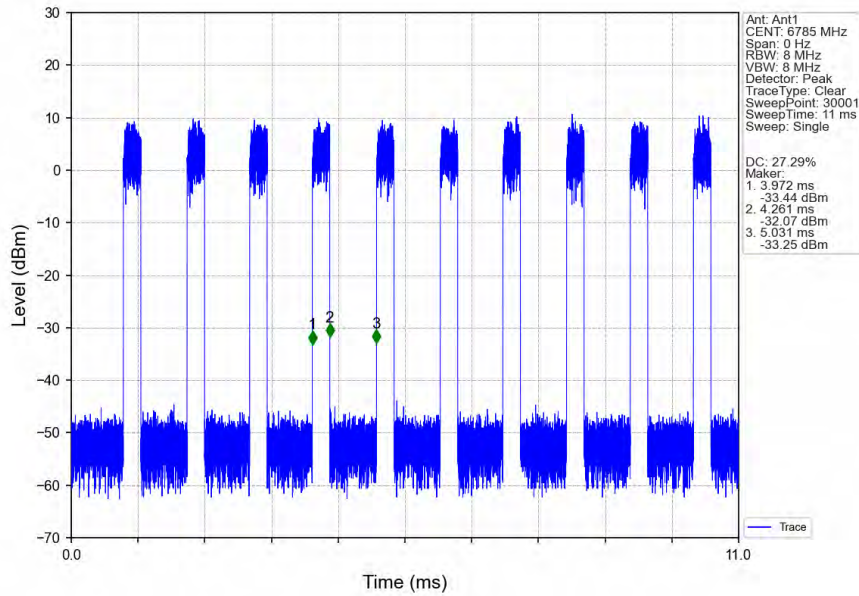
802.11ax(HEW80)_LCH_6625MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_6705MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_HCH_6785MHz_RU996_Left_Ant1_NTNV



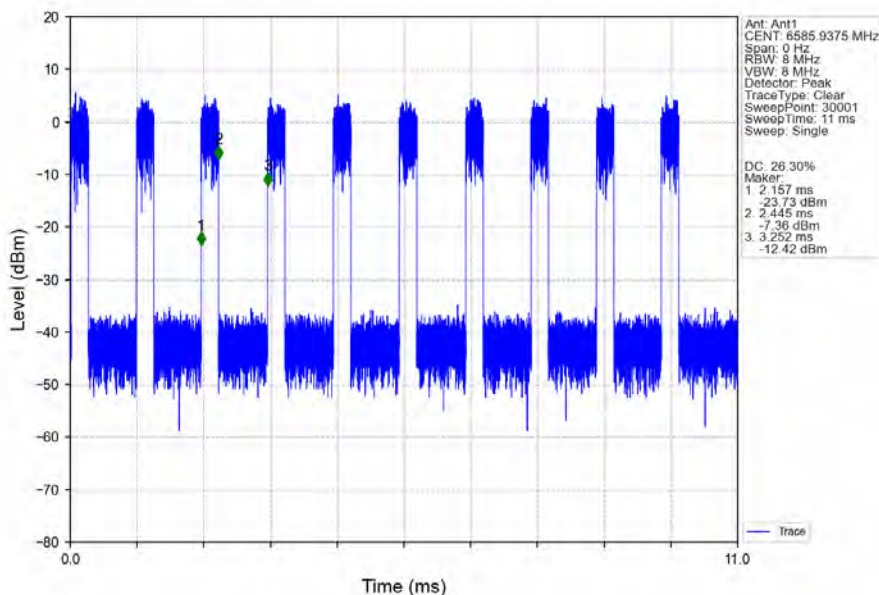
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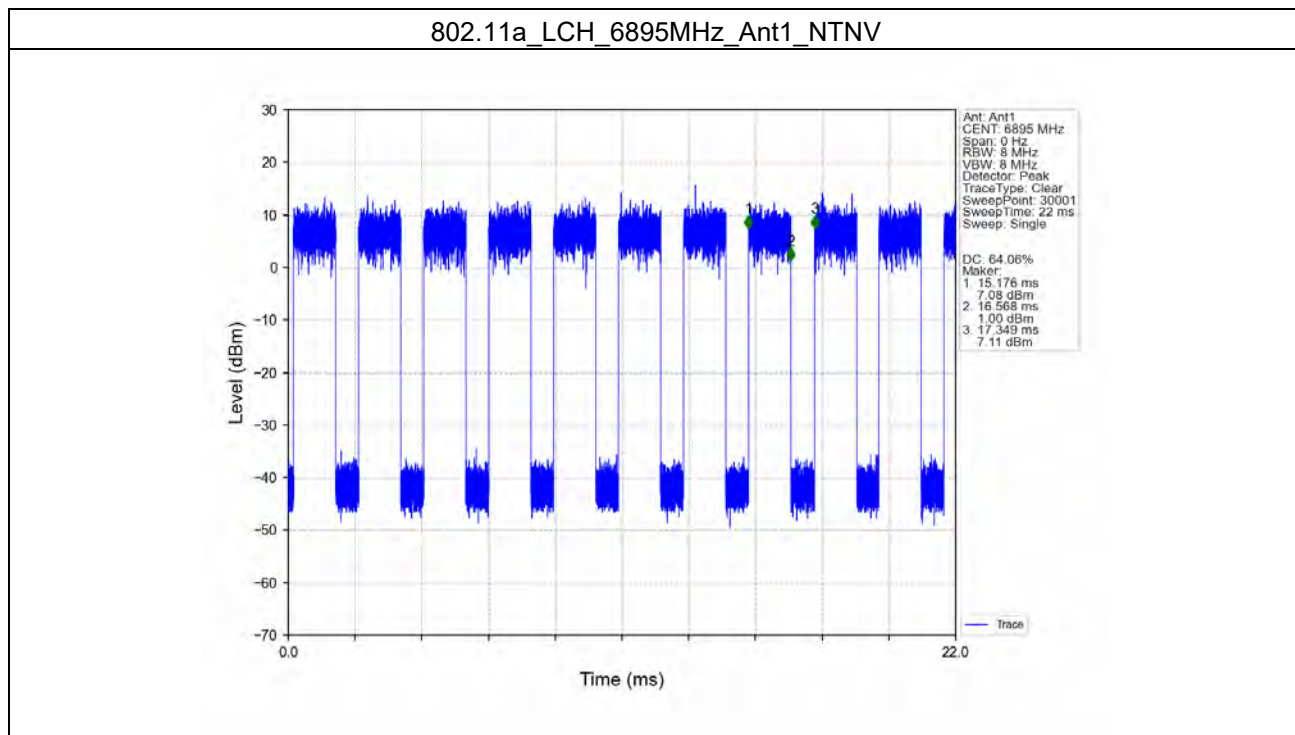
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No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

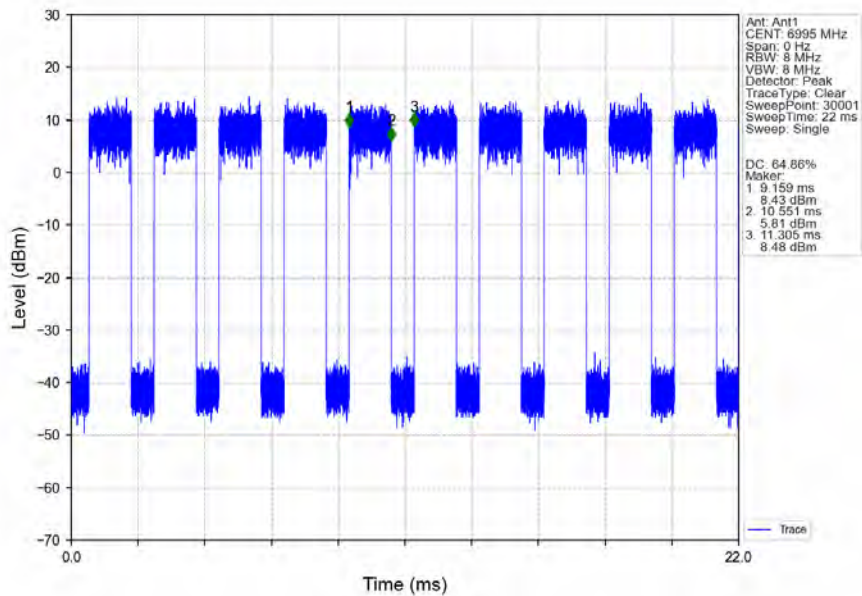
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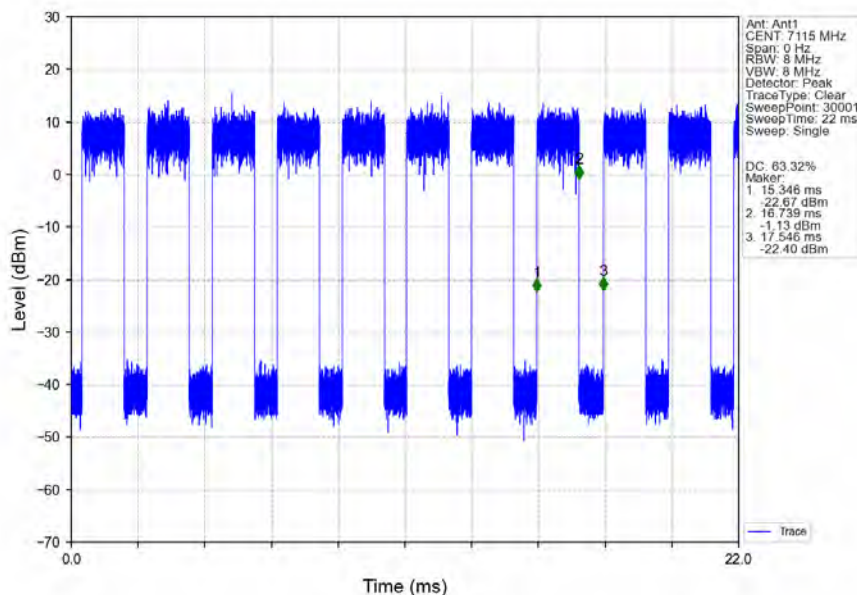
1.2.4 Ant1



802.11a_MCH_6995MHz_Ant1_NTNV



802.11a_HCH_7115MHz_Ant1_NTNV



802.11ax(HEW20)_LCH_6895MHz_RU242_Left_Ant1_NTNV

