

TEST REPORT

Application No.: SZCR2411004510WM
Applicant: Solana Mobile Inc.
Address of Applicant: 530 Divisadero St.PMB 722. San Francisco. CA 94117, USA
Manufacturer: Solana Mobile Inc.
Address of Manufacturer: 530 Divisadero St.PMB 722. San Francisco. CA 94117, USA
Equipment Under Test (EUT):
EUT Description: Seeker
Model No.: Seeker
Trade Mark: Seeker
FCC ID: 2BNOP-SEEKER
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2024-11-29
Date of Test: 2025-03-14 to 2025-03-24
Date of Issue: 2025-03-31

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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Shenzhen Branch EMC Laboratory

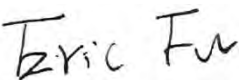
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006
Page: 2 of 760

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2025-03-31		Original

Authorized for issue by:				
				
		Kevin Lan/Project Engineer		
				
		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
Transmission in the Absence of Data		N/A	47 CFR Part 15, Subpart E 15.407 (c)	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
Channel Move Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	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
Minimum 6 dB bandwidth (5.725-5.85 GHz band)		ANSI C63.10 (2013) Section 6.9.2	47 CFR Part 15, Subpart E 15.407 (e)	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
Non-occupancy period		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass
Channel Closing Transmission Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass

3 Contents

	Page
1 Cover Page	1
2 Test Summary.....	3
3 Contents	4
4 General Information.....	7
4.1 Details of E.U.T.	7
4.2 Environment Parameter.....	8
4.3 Description of Support Units.....	9
4.4 Measurement Uncertainty	9
4.5 Test Location	10
4.6 Test Facility.....	10
4.7 Deviation from Standards.....	10
4.8 Abnormalities from Standard Conditions.....	10
5 Equipment List	11
6 Radio Spectrum Technical Requirement.....	15
6.1 Antenna Requirement	15
6.1.1 Test Requirement:	15
6.1.2 Conclusion	15
6.2 Transmission in the Absence of Data	16
6.2.1 Test Requirement:	16
6.2.2 Conclusion	16
7 Radio Spectrum Matter Test Results.....	17
7.1 Conducted Emissions at AC Power Line (150kHz-30MHz)	17
7.1.1 E.U.T. Operation	17
7.1.2 Test Mode Description	17
7.1.3 Test Setup Diagram	18
7.1.4 Measurement Procedure and Data.....	18
7.2 Maximum Conducted output power	21
7.2.1 E.U.T. Operation	21
7.2.2 Test Mode Description	21
7.2.3 Test Setup Diagram	22
7.2.4 Measurement Procedure and Data.....	22
7.3 Radiated Emissions (Below 1GHz).....	23
7.3.1 E.U.T. Operation	23
7.3.2 Test Mode Description	23
7.3.3 Test Setup Diagram	24
7.3.4 Measurement Procedure and Data.....	25
7.4 Radiated Emissions (Above 1GHz).....	28
7.4.1 E.U.T. Operation	28



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Report No.: SZCR241100451006

Page: 5 of 760

7.4.2	Test Mode Description	29
7.4.3	Test Setup Diagram	29
7.4.4	Measurement Procedure and Data	30
7.5	Radiated Emissions which fall in the restricted bands	87
7.5.1	E.U.T. Operation	87
7.5.2	Test Mode Description	88
7.5.3	Test Setup Diagram	88
7.5.4	Measurement Procedure and Data	89
7.6	Channel Move Time	300
7.6.1	E.U.T. Operation	300
7.6.2	Test Mode Description	301
7.6.3	Test Setup Diagram	301
7.6.4	Measurement Procedure and Data	302
7.7	Duty Cycle	303
7.7.1	E.U.T. Operation	303
7.7.2	Test Mode Description	303
7.7.3	Test Setup Diagram	303
7.7.4	Measurement Procedure and Data	303
7.8	99% Bandwidth	304
7.8.1	E.U.T. Operation	304
7.8.2	Test Mode Description	304
7.8.3	Test Setup Diagram	304
7.8.4	Measurement Procedure and Data	304
7.9	26dB Emission bandwidth	305
7.9.1	E.U.T. Operation	305
7.9.2	Test Mode Description	305
7.9.3	Test Setup Diagram	305
7.9.4	Measurement Procedure and Data	305
7.10	Minimum 6 dB bandwidth (5.725-5.85 GHz band)	306
7.10.1	E.U.T. Operation	306
7.10.2	Test Mode Description	306
7.10.3	Test Setup Diagram	306
7.10.4	Measurement Procedure and Data	306
7.11	Peak Power spectrum density	307
7.11.1	E.U.T. Operation	307
7.11.2	Test Mode Description	307
7.11.3	Test Setup Diagram	308
7.11.4	Measurement Procedure and Data	308
7.12	Frequency Stability	309
7.12.1	E.U.T. Operation	309
7.12.2	Test Mode Description	309
7.12.3	Test Setup Diagram	309
7.12.4	Measurement Procedure and Data	309
7.13	Non-occupancy period	310
7.13.1	E.U.T. Operation	310
7.13.2	Test Mode Description	311
7.13.3	Test Setup Diagram	311
7.13.4	Measurement Procedure and Data	312
7.14	Channel Closing Transmission Time	313
7.14.1	E.U.T. Operation	313



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 6 of 760

7.14.2	Test Mode Description	314
7.14.3	Test Setup Diagram	314
7.14.4	Measurement Procedure and Data	315
8	Test Setup Photo	316
9	EUT Constructional Details (EUT Photos)	316
10	Appendix	317



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4 General Information

4.1 Details of E.U.T.

EUT Description:	Seeker	
Model No.:	Seeker	
Trade Mark:	Seeker	
Hardware Version:	AL_GO2_MB_V12	
Software Version:	Seeker.250618.001	
WLAN Mode Supported:	802.11a:	20 MHz channel bandwidth
	802.11n:	20 MHz / 40 MHz channel bandwidth
	802.11ac:	20 MHz / 40 MHz / 80 MHz channel bandwidth
	802.11ax:	20 MHz / 40 MHz / 80 MHz channel bandwidth
Operation Frequency:	5150MHz to 5250MHz	
	5250MHz to 5350MHz	
	5470MHz to 5725MHz	
	5725MHz to 5850MHz	
Modulation Type:	802.11a:	OFDM (BPSK, QPSK, 16QAM, 64QAM)
	802.11n:	OFDM (BPSK, QPSK, 16QAM, 64QAM)
	802.11ac:	OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)
	802.11ax:	OFDM/OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)
Channel Spacing:	20MHz:	802.11a/n(HT20)/ac(VHT20)/ax(HE20)
	40MHz:	802.11n(HT40)/ac(VHT40)/ax(HE40)
	80MHz:	802.11ac(VHT80)/ax(HE80)
Antenna Type:	PIFA Antenna	
Antenna Gain:	5150MHz to 5250MHz: 2.56dBi(Ant8); 2.35dBi(Ant10); 5250MHz to 5350MHz: 2.56dBi(Ant8); 2.35dBi(Ant10); 5470MHz to 5725MHz: 2.56dBi(Ant8); 2.35dBi(Ant10); 5725MHz to 5850MHz: 2.56dBi(Ant8); 2.35dBi(Ant10);	
	Note: The antenna gain are derived from the gain information report provided by the manufacturer.	
Smart System:	☒ SISO	802.11a/n/ac/ax
	☒ MIMO	802.11a/n/ac/ax: 2Tx & 2Rx
	☒ Diversity	CDD:802.11a: 2Tx & 2Rx
TPC Function:	☐ Support, ☒ Not Support	



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Report No.: SZCR241100451006

Page: 8 of 760

DFS Function:	☐ Master	
	☐ Slave with radar detection	☒ Slave without radar detection
RF Cable:	4900MHz ~ 5250MHz(1.6dB)	5250MHz ~ 5350MHz(1.7dB)
	5470MHz ~ 5725MHz(1.8dB)	5725MHz ~ 5850MHz (2dB)
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4.2 Environment Parameter

Environment Parameter	1020 mbar Selected Values During Tests	
Relative Humidity	42-50.8 % RH Ambient	
Value	Temperature(°C)	Voltage(V)
NTNV	21.2~24.5	3.8
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		

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Report No.: SZCR241100451006

Page: 9 of 760

4.3 Description of Support Units

Description	Manufacturer	Model No.	FCC ID
Router	NETGEAR	R7800	PY315100319

4.4 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at AC Power Line (150kHz-30MHz)	$\pm 3.1\text{dB}$
Maximum Conducted output power	$\pm 0.75\text{dB}$
Radiated Emissions (Below 1GHz)	$\pm 6.0\text{dB}$ for 3m; $\pm 5.0\text{dB}$ for 10m
Radiated Emissions (Above 1GHz)	$\pm 4.6\text{dB}$ (1-18GHz); $\pm 4.8\text{dB}$ (18-40GHz)
Radiated Emissions which fall in the restricted bands	$\pm 6.0\text{dB}$ (below 1GHz); $\pm 4.6\text{dB}$ (above 1GHz);
Duty Cycle	$\pm 0.37\%$
99% Bandwidth	$\pm 3\%$
26dB Emission bandwidth	$\pm 3\%$
Minimum 6 dB bandwidth (5.725-5.85 GHz band)	$\pm 3\%$
Peak Power spectrum density	$\pm 2.84\text{dB}$
Frequency Stability	$\pm 7.25 \times 10^{-8}$

Remark:

The U_{lab} (lab Uncertainty) is less than $U_{\text{CISPR/ETSI}}$ (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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Report No.: SZCR241100451006

Page: 10 of 760

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

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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
EMI Test Receiver	Rohde&Schwarz	ESR	SZ-WRG-M-047	2025-01-08	2026-01-07
Matching Pad	N/A	N/A	SEM021-23	2024-03-20	2025-03-19
				2025-03-19	2026-03-18
Matching Pad	N/A	N/A	SEM021-24	2024-03-20	2025-03-19
				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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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 12 of 760

		27			
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



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 13 of 760

Channel Move Time					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Spectrum Analyzer	Keysight	N9020A	SZ-WRG-M-002	2024-08-17	2025-08-16
Signal Generator	Keysight	N5181A	SZ-WRG-M-005	2024-08-19	2025-08-18
DC power supply	Tonscend	TS0806-4ADC	SZ-WRG-A-007	NCR	NCR
RF Control Unit	Tonscend	JS0806-2	SZ-WRG-M-008	2024-08-19	2025-08-18
Signal Generator	Rohde & Schwarz	SMM100A	SZ-WRG-M-011	2025-02-13	2026-02-12
Test Software	Tonscend	JS1120 V3.2.22	N/A	NCR	NCR
Router	NETGEAR	R7800	SZ-WRG-A-072	NCR	NCR
Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	HTC-1	SZ-WRG-M-077	2024-05-24	2025-05-23

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
Programmable Temperature & Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2025-02-26	2026-02-25
Spectrum Analyzer	Keysight	N9020A	SZ-WRG-M-002	2024-08-17	2025-08-16
Signal Generator	Keysight	N5181A	SZ-WRG-M-005	2024-08-19	2025-08-18
DC power supply	Tonscend	TS0806-4ADC	SZ-WRG-A-007	NCR	NCR
RF Control Unit	Tonscend	JS0806-2	SZ-WRG-M-008	2024-08-19	2025-08-18
Test Software	Tonscend	JS1120 V3.2.22	N/A	NCR	NCR



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 14 of 760

Router	NETGEAR	R7800	SZ-WRG-A-072	NCR	NCR
Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	HTC-1	SZ-WRG-M-077	2024-05-24	2025-05-23
Signal Generator	Rohde & Schwarz	SMM100A	SZ-WRG-M-011	2025-02-13	2026-02-12

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 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 a PIFA Antenna, and the connection port is integrated inside the product, and the antenna cannot be replaced.

5150MHz to 5250MHz: 2.56dBi(Ant8); 2.35dBi(Ant10);*

5250MHz to 5350MHz: 2.56dBi(Ant8); 2.35dBi(Ant10);*

5470MHz to 5725MHz: 2.56dBi(Ant8); 2.35dBi(Ant10);*

5725MHz to 5850MHz: 2.56dBi(Ant8); 2.35dBi(Ant10);*

**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.

6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (c)

6.2.2 Conclusion

Standard Requirement:

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals.

Applicants shall include in their application for equipment authorization a description of how this requirement is met.

EUT Details:

WIFI chip support automatically discontinue transmission in case of either absence of information to transmit or operational failure, if the chip detect absence of information to transmit or operational failure, it will be automatically shut off.

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

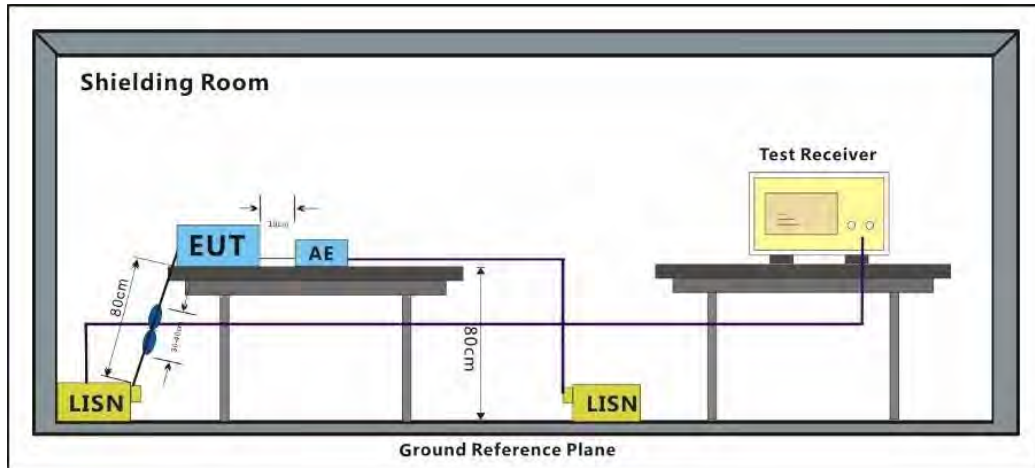
Operating Environment:

Temperature: 22.9 °C Humidity: 46.4 % RH Atmospheric Pressure: 1020 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	13	TX mode_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 802.11n/ac/ax 20/40/80M, Only the data of worst case is 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: Level=Read Level+ Cable Loss+ LISN Factor

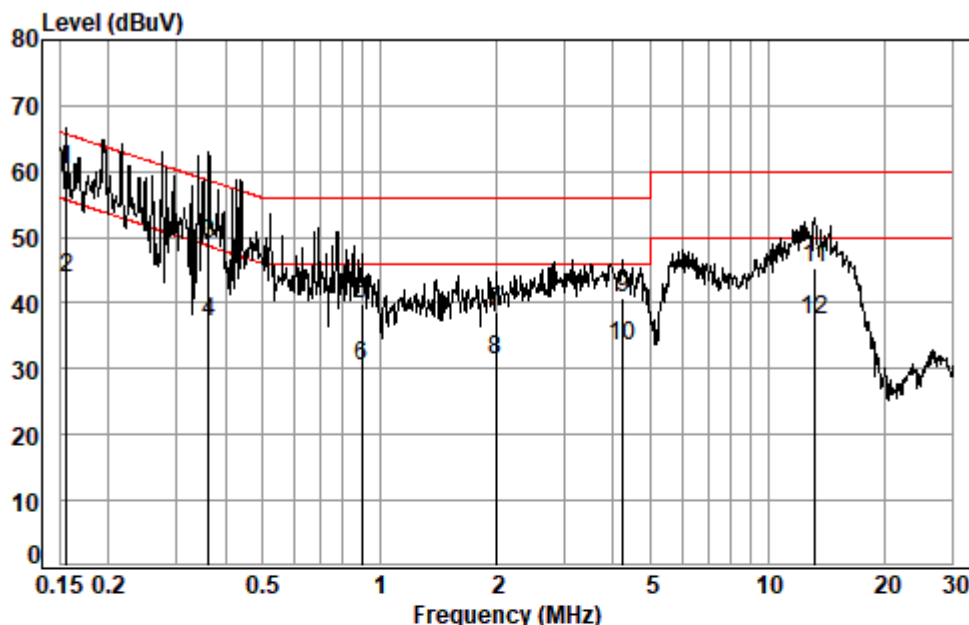
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 19 of 760

Test Mode: 13; Line: Live line



Site : Shielding Room

Condition: Line

Test mode: 13

	Freq	Cable Loss	LISN Factor	Read Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dB	
1 *	0.1557	0.06	10.19	49.85	60.10	65.69	-5.59 QP
2	0.1557	0.06	10.19	33.54	43.79	55.69	-11.90 Average
3	0.3634	0.07	9.73	39.15	48.95	58.65	-9.70 QP
4 *	0.3634	0.07	9.73	27.33	37.13	48.65	-11.52 Average
5	0.8992	0.09	9.60	30.20	39.89	56.00	-16.11 QP
6	0.8992	0.09	9.60	20.67	30.36	46.00	-15.64 Average
7	1.9906	0.10	9.58	28.96	38.64	56.00	-17.36 QP
8	1.9906	0.10	9.58	21.57	31.25	46.00	-14.75 Average
9	4.2466	0.12	9.66	30.96	40.74	56.00	-15.26 QP
10	4.2466	0.12	9.66	23.67	33.45	46.00	-12.55 Average
11	13.2667	0.24	9.85	35.26	45.35	60.00	-14.65 QP
12	13.2667	0.24	9.85	27.32	37.41	50.00	-12.59 Average



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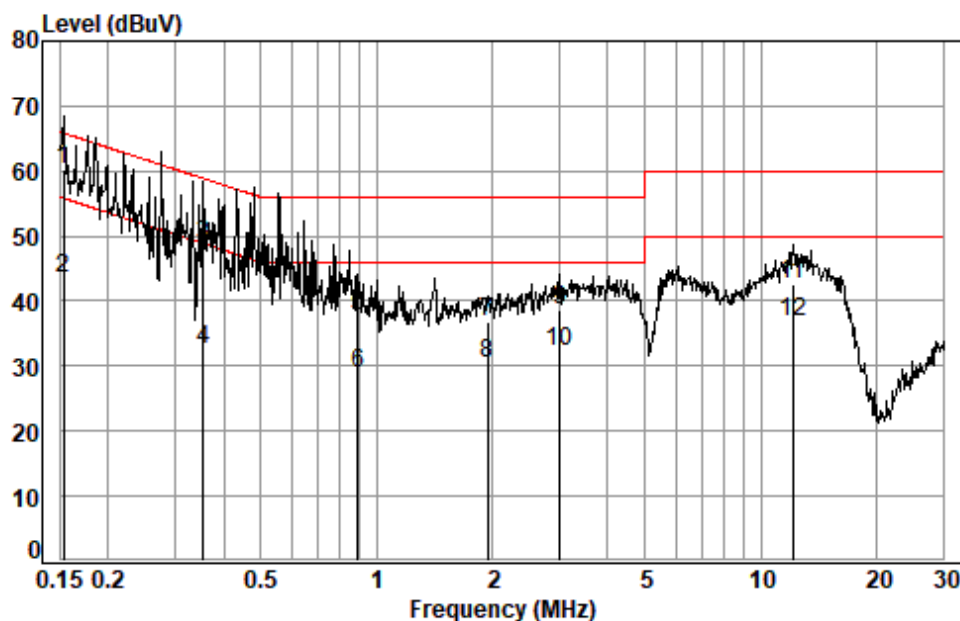
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 20 of 760

Test Mode: 13; Line: Neutral Line



Site : Shielding Room

Condition: Neutral

Test mode: 13

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1532	0.06	10.15	49.89	60.10	65.82	-5.72	QP
2 *	0.1532	0.06	10.15	33.30	43.51	55.82	-12.31	Average
3	0.3539	0.07	9.75	38.71	48.53	58.87	-10.34	QP
4	0.3539	0.07	9.75	22.72	32.54	48.87	-16.33	Average
5	0.8944	0.09	9.57	27.91	37.57	56.00	-18.43	QP
6	0.8944	0.09	9.57	19.32	28.98	46.00	-17.02	Average
7	1.9489	0.10	9.55	27.17	36.82	56.00	-19.18	QP
8	1.9489	0.10	9.55	20.79	30.44	46.00	-15.56	Average
9	3.0094	0.11	9.54	29.11	38.76	56.00	-17.24	QP
10	3.0094	0.11	9.54	22.74	32.39	46.00	-13.61	Average
11	12.1240	0.23	9.71	32.64	42.58	60.00	-17.42	QP
12	12.1240	0.23	9.71	26.79	36.73	50.00	-13.27	Average



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 21 of 760

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 °C Humidity: 42 % RH Atmospheric Pressure: 1020 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	13	TX mode_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 802.11n/ac/ax 20/40/80M, Only the data of worst case is recorded in the report.



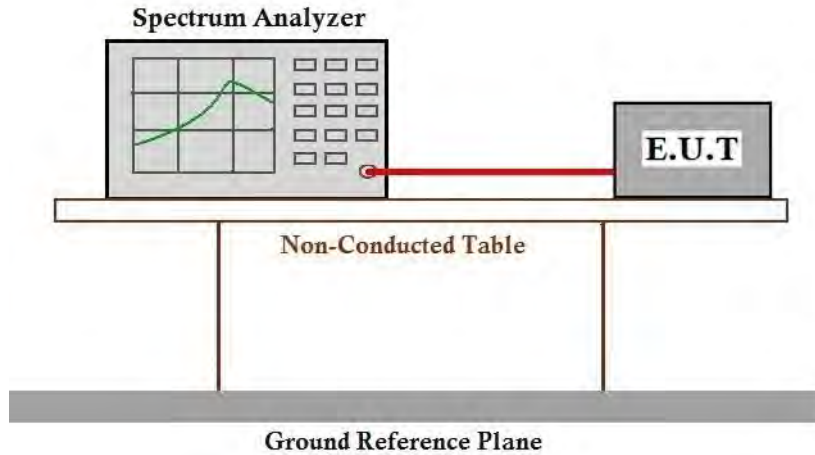
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7.2.3 Test Setup Diagram



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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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 23 of 760

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

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
960-1000	500	3

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 21.2 °C

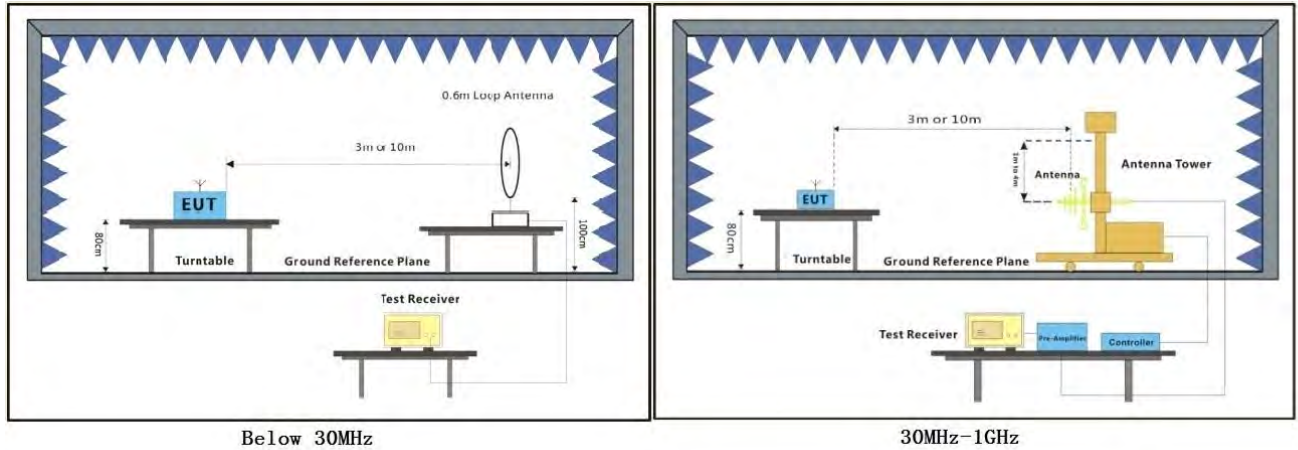
Humidity: 50.1 % RH

Atmospheric Pressure: 1020 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	13	TX mode_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 802.11n/ac/ax 20/40/80M, Only the data of worst case is recorded in the report.

7.3.3 Test Setup Diagram



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.

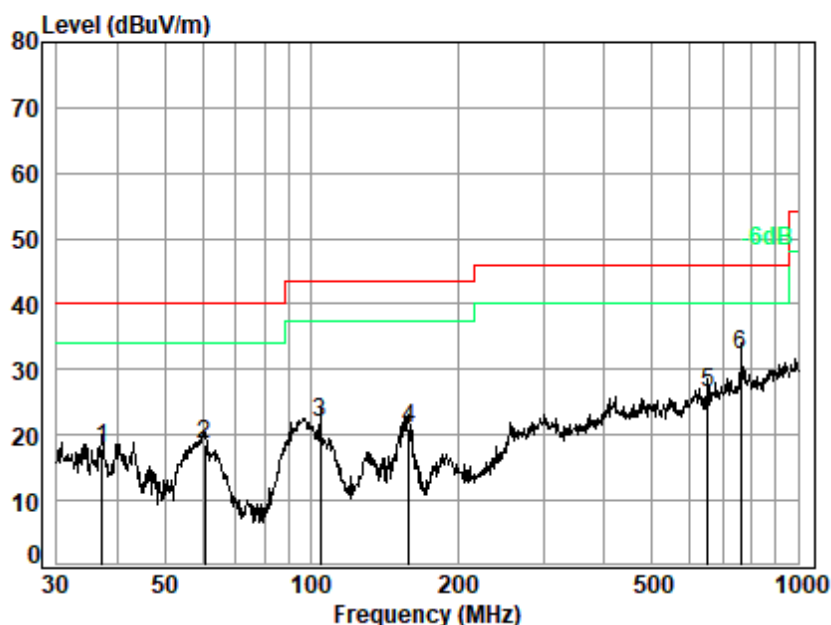
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 26 of 760

Test Mode: 13; Polarity: Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No. : 04510WM

Test Mode: 13

	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	37.155	17.68	0.75	27.77	27.37	18.03	40.00	-21.97 QP
2	60.492	11.43	0.95	27.70	33.83	18.51	40.00	-21.49 QP
3	104.170	12.22	1.25	27.57	35.99	21.89	43.50	-21.61 QP
4	158.668	13.63	1.58	27.34	33.11	20.98	43.50	-22.52 QP
5	651.942	24.86	3.40	27.84	26.11	26.53	46.00	-19.47 QP
6 q	763.376	26.52	3.75	27.57	29.44	32.14	46.00	-13.86 QP



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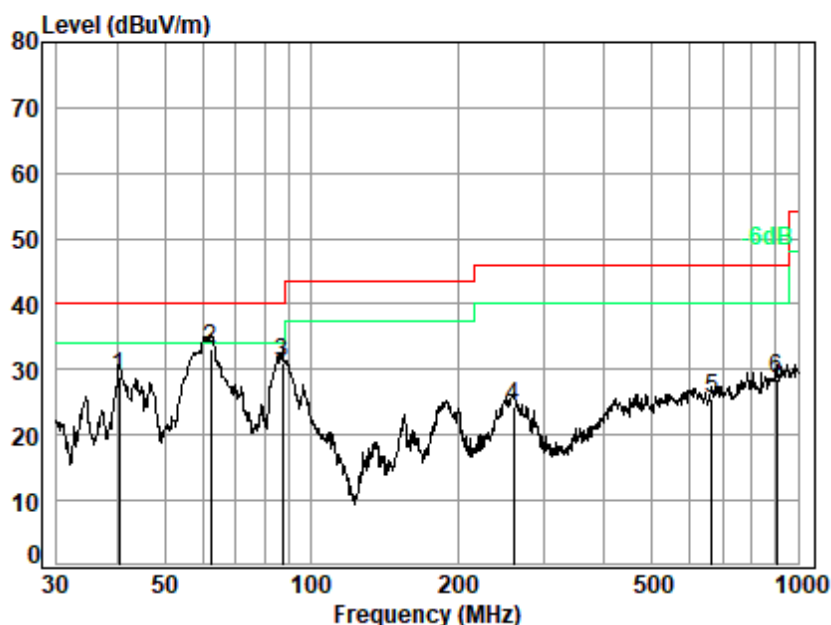
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 27 of 760

Test Mode: 13; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 04510WM
Test Mode: 13

	Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	40.276	16.28	0.78	27.76	39.57	28.87	40.00	-11.13 QP
2 q	62.213	11.25	0.97	27.70	48.62	33.14	40.00	-6.86 QP
3	87.112	11.33	1.14	27.63	46.25	31.09	40.00	-8.91 QP
4	260.144	17.22	2.05	26.92	31.99	24.34	46.00	-21.66 QP
5	665.804	25.41	3.44	27.81	24.44	25.48	46.00	-20.52 QP
6	903.309	27.83	4.13	26.74	23.51	28.73	46.00	-17.27 QP



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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

Limit:

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

*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, 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.

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 24.5 °C

Humidity: 50.8 % RH

Atmospheric Pressure: 1020 mbar



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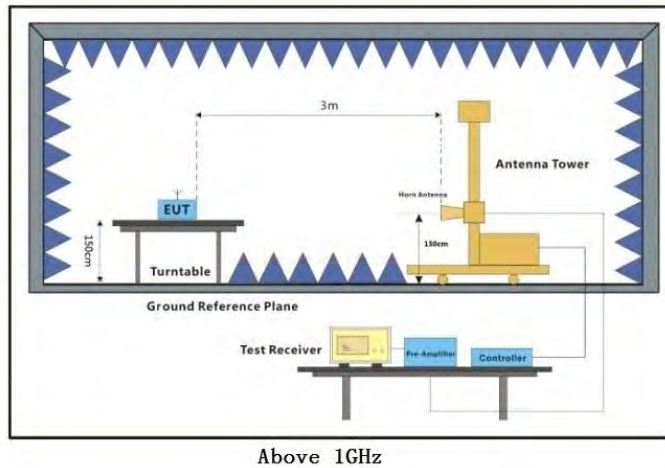
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7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	13	TX mode_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 802.11n/ac/ax 20/40/80M, Only the data of worst case is recorded in the report.

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.



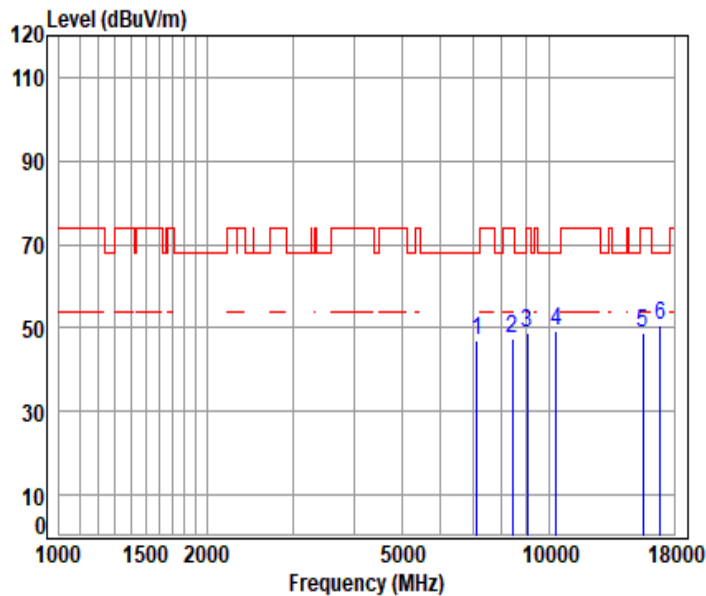
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 31 of 760

11a_TX_CH_36_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5180 TX RSE

: 5G Wi-Fi 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	7116.776	11.91	36.43	56.61	55.04	46.77	68.20	-21.43	peak
2	8427.813	11.82	38.49	55.51	52.79	47.59	74.00	-26.41	peak
3	9032.237	12.14	38.60	54.97	52.87	48.64	74.00	-25.36	peak
4	10360.000	13.60	39.00	53.88	50.52	49.24	68.20	-18.96	peak
5	15540.000	17.00	38.56	54.14	47.28	48.70	74.00	-25.30	peak
6	pp16881.220	18.04	39.60	54.26	47.17	50.55	68.20	-17.65	peak



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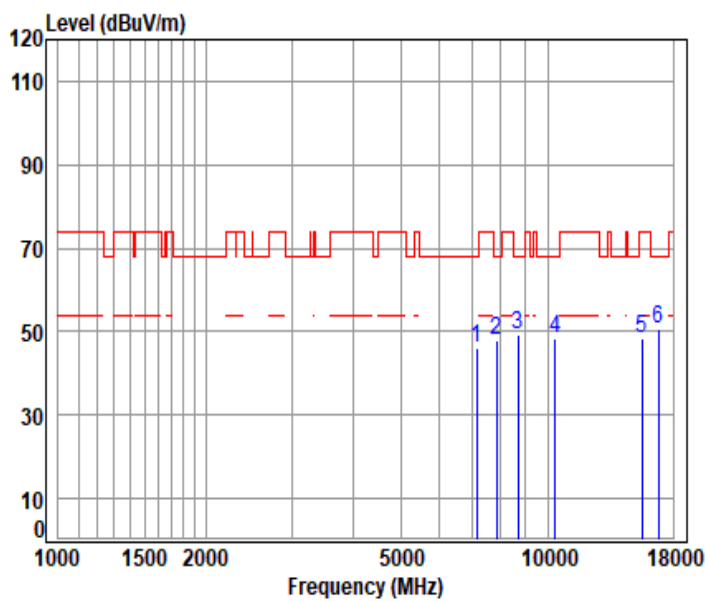
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 32 of 760

11a_TX_CH_36_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5180 TX RSE

: 5G Wi-Fi 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	7153.113	11.74	36.51	56.58	54.54	46.21	68.20	-21.99	peak
2	7855.832	11.44	37.42	56.02	54.96	47.80	68.20	-20.40	peak
3	8680.473	12.06	38.52	55.29	53.85	49.14	68.20	-19.06	peak
4	10360.000	13.60	39.00	53.88	49.83	48.55	68.20	-19.65	peak
5	15540.000	17.00	38.56	54.14	47.12	48.54	74.00	-25.46	peak
6	pp16778.370	17.49	39.56	54.23	48.04	50.86	68.20	-17.34	peak



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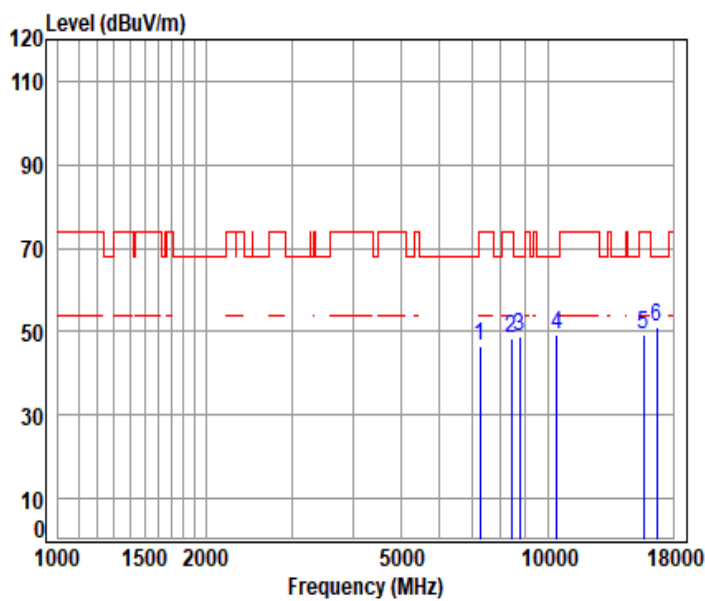
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Report No.: SZCR241100451006

Page: 33 of 760

11a_TX_CH_44_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5220 TX RSE

: 5G Wi-Fi 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	7255.848	11.51	36.61	56.50	54.73	46.35	74.00	-27.65	peak
2	8427.813	11.82	38.49	55.51	53.63	48.43	74.00	-25.57	peak
3	8769.341	12.20	38.50	55.21	53.25	48.74	68.20	-19.46	peak
4	10440.000	13.63	39.04	53.84	50.56	49.39	68.20	-18.81	peak
5	15660.000	17.23	38.56	54.10	47.67	49.36	74.00	-24.64	peak
6	pp16693.140	17.59	39.39	54.21	48.12	50.89	68.20	-17.31	peak



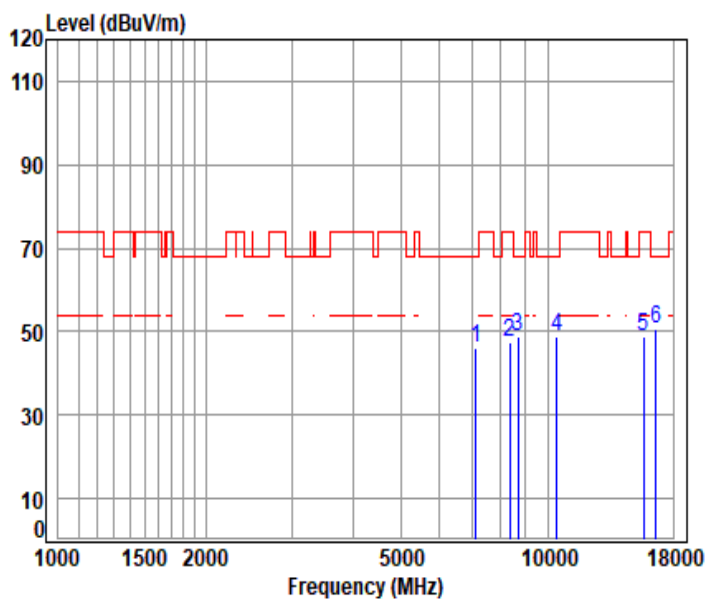
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11a_TX_CH_44_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5220 TX RSE

: 5G Wi-Fi 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	7138.557	11.81	36.48	56.59	54.21	45.91	68.20	-22.29	peak
2	8359.419	11.68	38.68	55.58	52.78	47.56	74.00	-26.44	peak
3	8689.318	12.08	38.56	55.28	53.41	48.77	68.20	-19.43	peak
4	10440.000	13.63	39.04	53.84	49.87	48.70	68.20	-19.50	peak
5	15660.000	17.23	38.56	54.10	47.31	49.00	74.00	-25.00	peak
6	pp16642.210	17.62	39.28	54.19	47.99	50.70	68.20	-17.50	peak



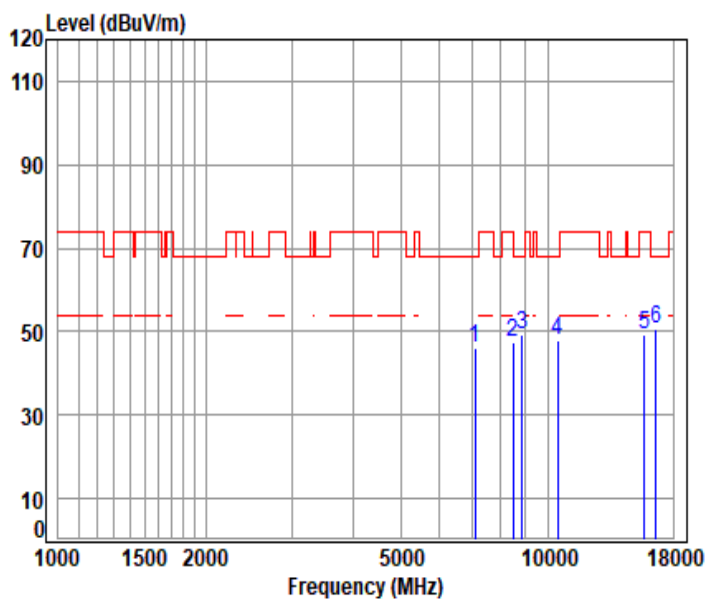
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 35 of 760

11a_TX_CH_48_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5240 TX RSE

: 5G Wi-Fi 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	7102.293	11.98	36.40	56.62	54.43	46.19	68.20	-22.01	peak
2	8488.119	12.23	38.32	55.46	52.34	47.43	74.00	-26.57	peak
3	8850.100	12.23	38.50	55.13	53.54	49.14	68.20	-19.06	peak
4	10480.000	13.64	39.08	53.81	49.08	47.99	68.20	-20.21	peak
5	15720.000	17.22	38.58	54.08	47.36	49.08	74.00	-24.92	peak
6	pp16625.260	17.63	39.25	54.19	48.18	50.87	68.20	-17.33	peak



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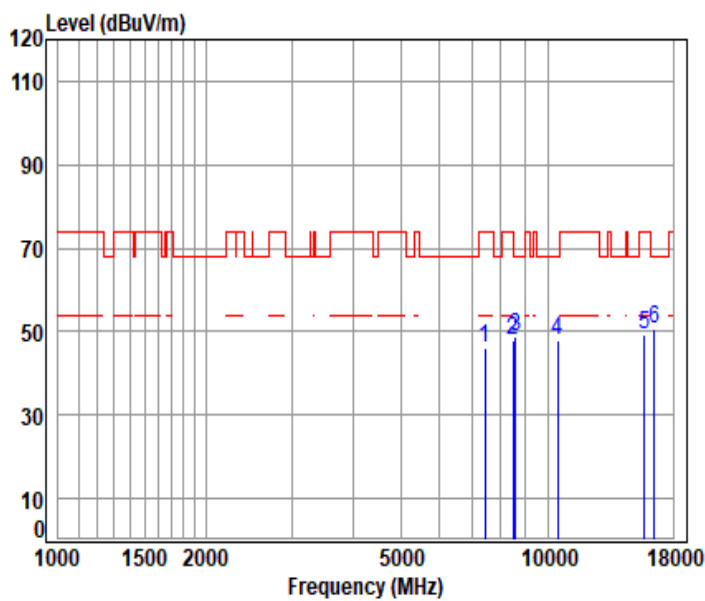
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 36 of 760

11a_TX_CH_48_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5240 TX RSE

: 5G Wi-Fi 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	7450.570	11.36	36.80	56.34	54.31	46.13	74.00	-27.87	peak
2	8479.478	12.17	38.34	55.47	52.81	47.85	74.00	-26.15	peak
3	8601.261	11.96	38.50	55.36	53.54	48.64	68.20	-19.56	peak
4	10480.000	13.64	39.08	53.81	49.00	47.91	68.20	-20.29	peak
5	15720.000	17.22	38.58	54.08	47.33	49.05	74.00	-24.95	peak
6	pp16507.140	17.73	38.92	54.15	48.00	50.50	68.20	-17.70	peak



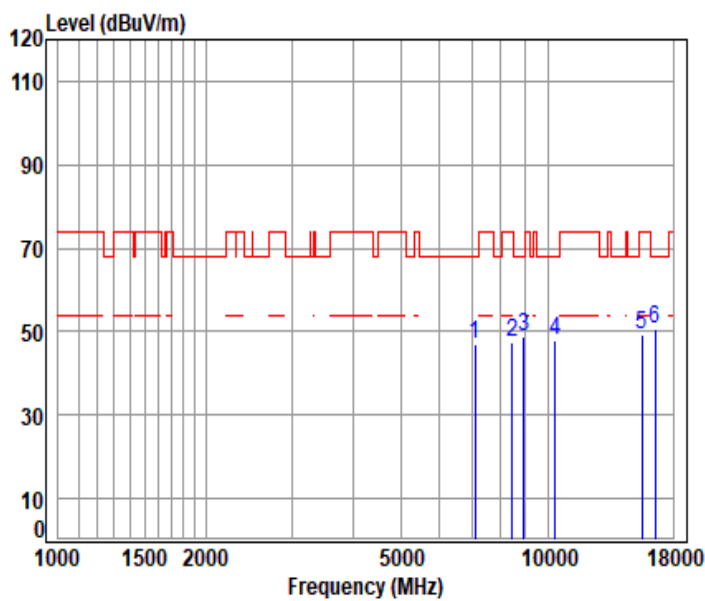
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11ax_20M_TX_CH_36_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5180 TX RSE

: 5G Wi-Fi 11ax20 MIMO

		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	7095.063	11.96	36.39	56.62	55.43	47.16	68.20	-21.04	peak
2	8445.000	11.94	38.42	55.50	52.48	47.34	74.00	-26.66	peak
3	8913.427	12.21	38.57	55.08	53.10	48.80	68.20	-19.40	peak
4	10360.000	13.60	39.00	53.88	49.34	48.06	68.20	-20.14	peak
5	15540.000	17.00	38.56	54.14	47.91	49.33	74.00	-24.67	peak
6	pp16574.540	17.67	39.12	54.17	47.97	50.59	68.20	-17.61	peak



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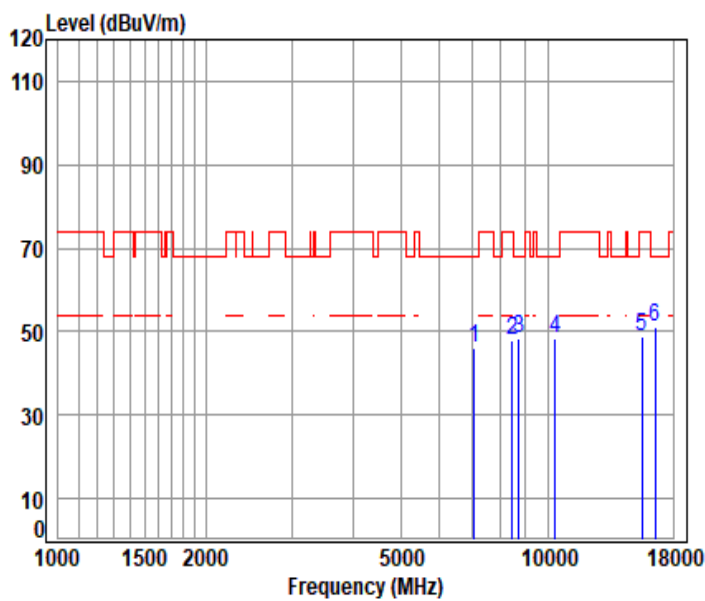
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 38 of 760

11ax_20M_TX_CH_36_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5180 TX RSE

: 5G Wi-Fi 11ax20 MIMO

		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	7073.416	11.83	36.35	56.64	54.48	46.02	68.20	-22.18	peak
2	8453.606	11.99	38.39	55.49	53.24	48.13	74.00	-25.87	peak
3	8707.038	12.10	38.59	55.26	52.91	48.34	68.20	-19.86	peak
4	10360.000	13.60	39.00	53.88	49.44	48.16	68.20	-20.04	peak
5	15540.000	17.00	38.56	54.14	47.45	48.87	74.00	-25.13	peak
6	pp16523.970	17.72	38.97	54.16	48.48	51.01	68.20	-17.19	peak



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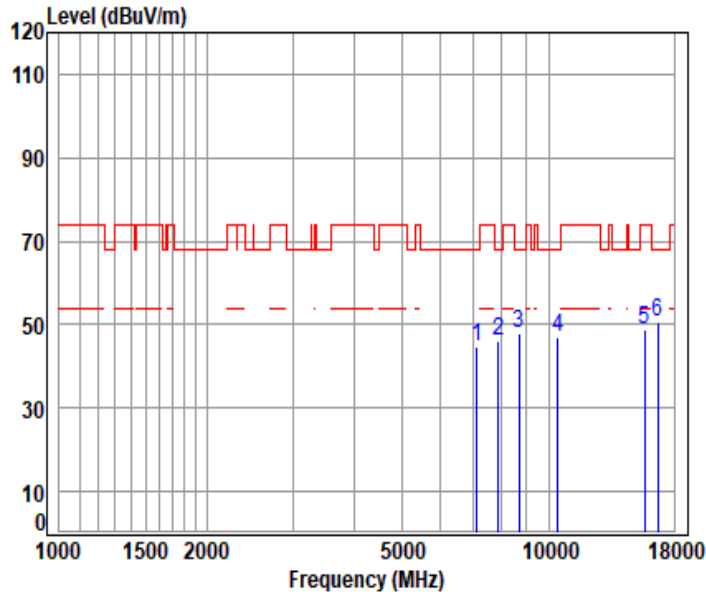
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Report No.: SZCR241100451006

Page: 39 of 760

11ax_20M_TX_CH_44_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5220 TX RSE

: 5G Wi-Fi 11ax20 MIMO

		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	7138.557	11.81	36.48	56.59	53.18	44.88	68.20	-23.32	peak
2	7887.904	11.51	37.55	55.99	53.14	46.21	68.20	-21.99	peak
3	8698.174	12.09	38.59	55.27	52.67	48.08	68.20	-20.12	peak
4	10440.000	13.63	39.04	53.84	48.01	46.84	68.20	-21.36	peak
5	15660.000	17.23	38.56	54.10	47.05	48.74	74.00	-25.26	peak
6	pp16710.150	17.58	39.42	54.21	47.82	50.61	68.20	-17.59	peak



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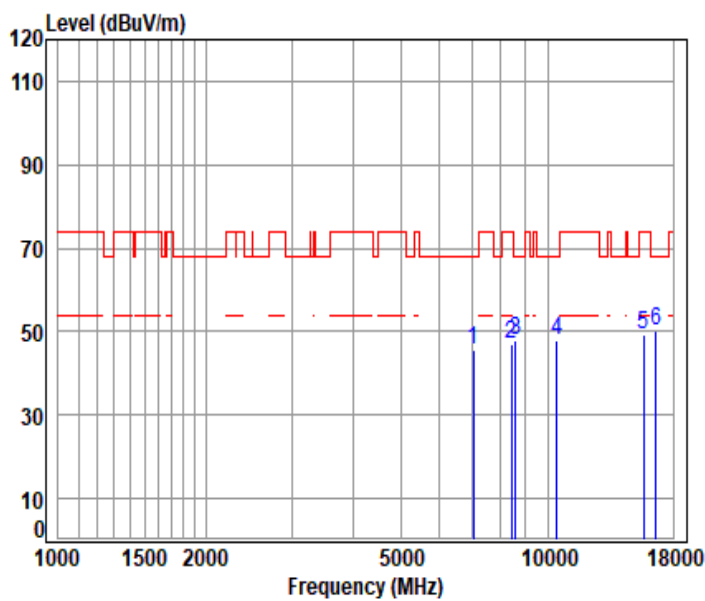
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 40 of 760

11ax_20M_TX_CH_44_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5220 TX RSE

: 5G Wi-Fi 11ax20 MIMO

		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	7030.319	11.56	36.26	56.68	54.38	45.52	68.20	-22.68	peak
2	8419.234	11.76	38.52	55.52	52.21	46.97	74.00	-27.03	peak
3	8583.757	12.02	38.44	55.37	52.91	48.00	68.20	-20.20	peak
4	10440.000	13.63	39.04	53.84	49.04	47.87	68.20	-20.33	peak
5	15660.000	17.23	38.56	54.10	47.38	49.07	74.00	-24.93	peak
6	pp16642.210	17.62	39.28	54.19	47.46	50.17	68.20	-18.03	peak



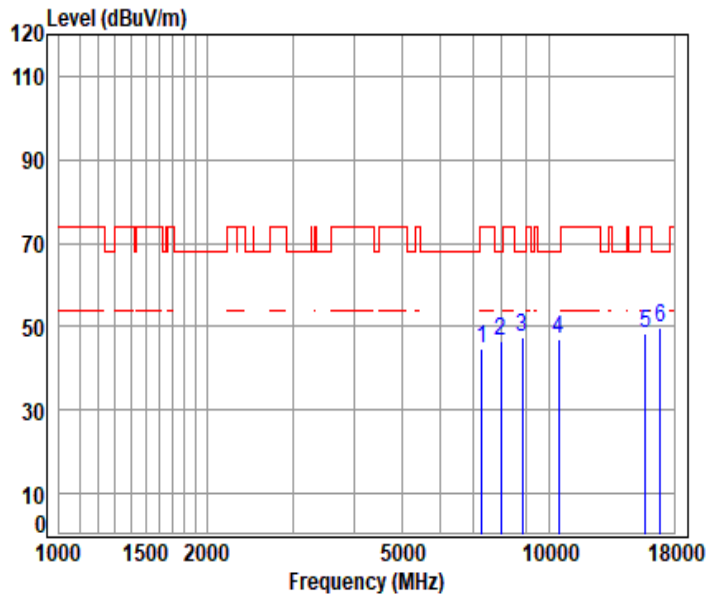
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11ax_20M_TX_CH_48_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5240 TX RSE

: 5G Wi-Fi 11ax20 MIMO

		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	7285.470	11.51	36.67	56.47	53.07	44.78	74.00	-29.22	peak
2	7976.779	11.56	37.75	55.92	53.29	46.68	68.20	-21.52	peak
3	8823.098	12.24	38.50	55.16	51.88	47.46	68.20	-20.74	peak
4	10480.000	13.64	39.08	53.81	47.96	46.87	68.20	-21.33	peak
5	15720.000	17.22	38.58	54.08	46.78	48.50	74.00	-25.50	peak
6	pp16846.870	17.80	39.60	54.25	46.70	49.85	68.20	-18.35	peak



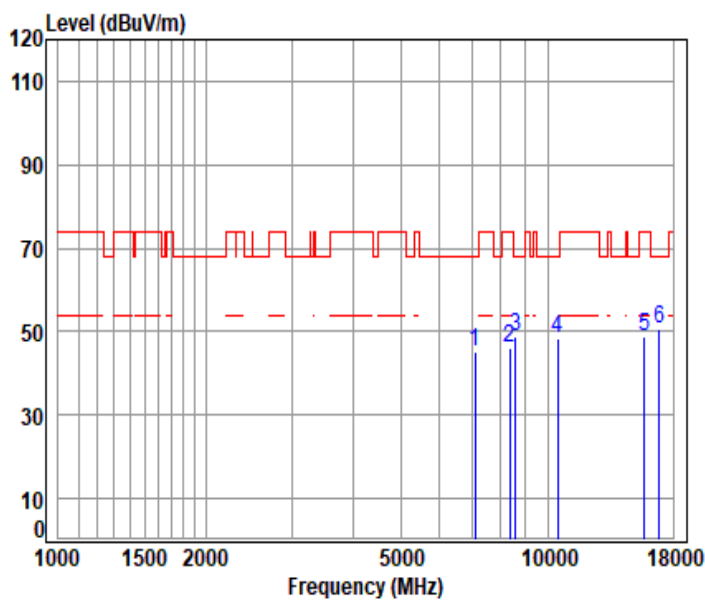
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Report No.: SZCR241100451006

Page: 42 of 760

11ax_20M_TX_CH_48_Veritical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5240 TX RSE

: 5G Wi-Fi 11ax20 MIMO

	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	
7109.531	11.95	36.42	56.61	53.26	45.02	68.20	-23.18	peak
8359.419	11.68	38.68	55.58	51.47	46.25	74.00	-27.75	peak
8601.261	11.96	38.50	55.36	53.71	48.81	68.20	-19.39	peak
10480.000	13.64	39.08	53.81	49.45	48.36	68.20	-19.84	peak
15720.000	17.22	38.58	54.08	47.10	48.82	74.00	-25.18	peak
pp16881.220	18.04	39.60	54.26	47.09	50.47	68.20	-17.73	peak



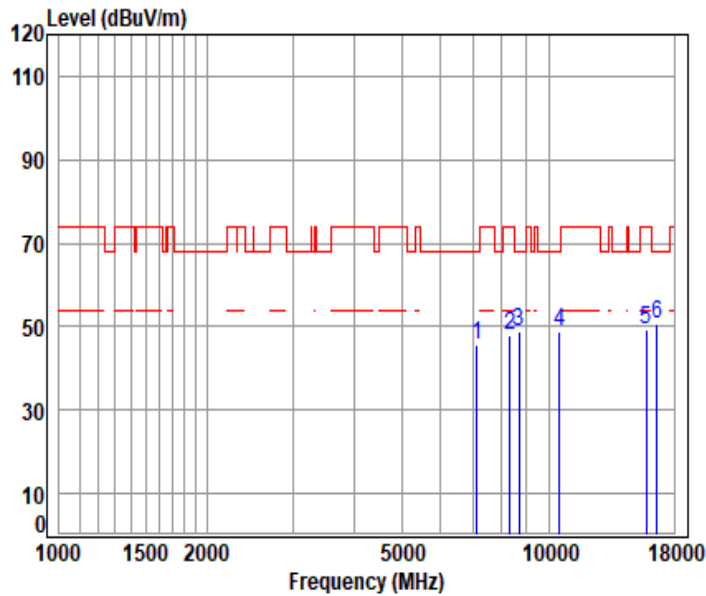
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11a_TX_CH_52_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5260 TX RSE

: 5G Wi-Fi 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	7124.029	11.88	36.45	56.60	54.05	45.78	68.20	-22.42	peak
2	8333.913	11.72	38.44	55.60	53.26	47.82	74.00	-26.18	peak
3	8689.318	12.08	38.56	55.28	53.29	48.65	68.20	-19.55	peak
4	10520.000	13.63	39.14	53.79	49.82	48.80	68.20	-19.40	peak
5	15780.000	17.08	38.52	54.07	47.65	49.18	74.00	-24.82	peak
6	pp16642.210	17.62	39.28	54.19	48.02	50.73	68.20	-17.47	peak



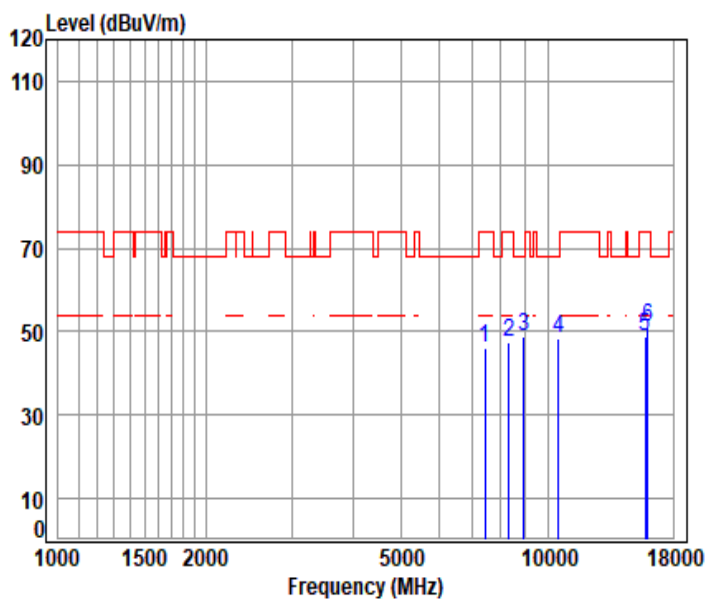
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Report No.: SZCR241100451006

Page: 44 of 760

11a_TX_CH_52_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5260 TX RSE

: 5G Wi-Fi 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	7427.838	11.42	36.76	56.36	54.11	45.93	74.00	-28.07	peak
2	8333.913	11.72	38.44	55.60	53.08	47.64	74.00	-26.36	peak
3	pp 8913.427	12.21	38.57	55.08	53.19	48.89	68.20	-19.31	peak
4	10520.000	13.63	39.14	53.79	49.52	48.50	68.20	-19.70	peak
5	15780.000	17.08	38.52	54.07	47.11	48.64	74.00	-25.36	peak
6	15994.060	17.16	38.61	54.00	49.41	51.18	74.00	-22.82	peak



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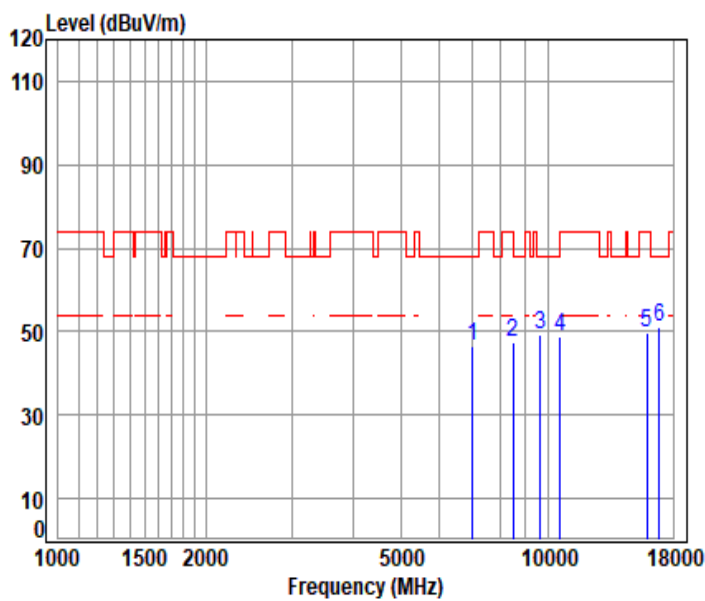
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 45 of 760

11a_TX_CH_60_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5300 TX RSE

: 5G Wi-Fi 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	7008.869	11.42	36.22	56.69	55.43	46.38	68.20	-21.82	peak
2	8496.769	12.29	38.31	55.45	52.10	47.25	74.00	-26.75	peak
3	9640.650	12.54	38.72	54.42	52.22	49.06	68.20	-19.14	peak
4	10600.000	13.59	39.30	53.74	49.64	48.79	68.20	-19.41	peak
5	15900.000	17.28	38.70	54.03	47.95	49.90	74.00	-24.10	peak
6	pp16881.220	18.04	39.60	54.26	47.93	51.31	68.20	-16.89	peak



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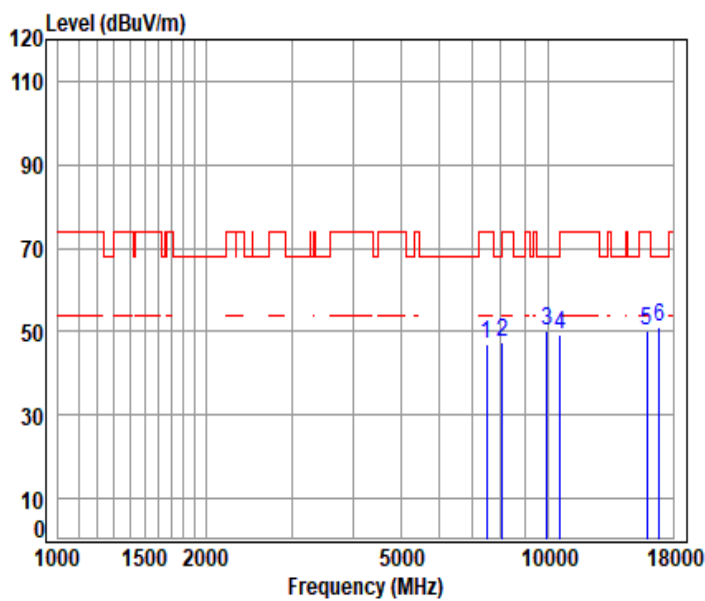
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Report No.: SZCR241100451006

Page: 46 of 760

11a_TX_CH_60_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5300 TX RSE

: 5G Wi-Fi 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	7496.243	11.24	36.80	56.30	55.22	46.96	74.00	-27.04	peak
2	8066.655	11.49	37.80	55.84	54.12	47.57	74.00	-26.43	peak
3	9960.058	12.93	38.90	54.14	52.39	50.08	68.20	-18.12	peak
4	10600.000	13.59	39.30	53.74	49.95	49.10	68.20	-19.10	peak
5	15900.000	17.28	38.70	54.03	48.26	50.21	74.00	-23.79	peak
6	pp16846.870	17.80	39.60	54.25	47.75	50.90	68.20	-17.30	peak



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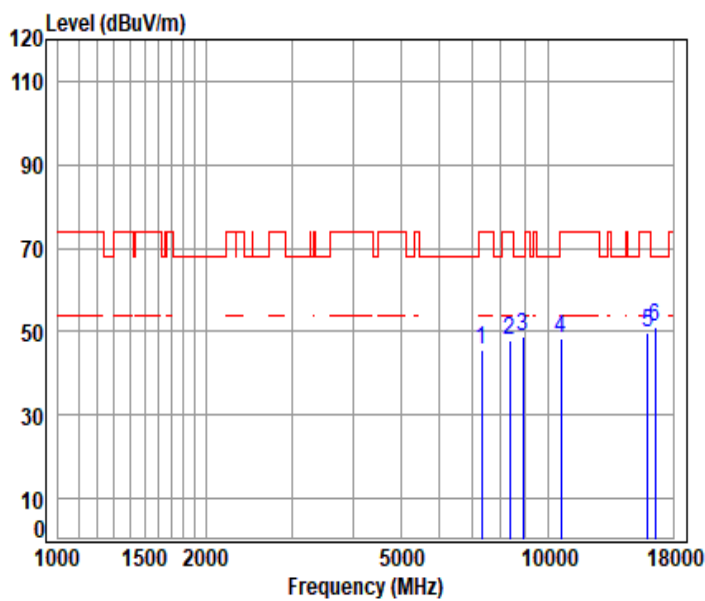
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Report No.: SZCR241100451006

Page: 47 of 760

11a_TX_CH_64_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5320 TX RSE

: 5G Wi-Fi 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	7322.668	11.51	36.75	56.44	54.00	45.82	74.00	-28.18	peak
2	8367.938	11.67	38.66	55.57	53.29	48.05	74.00	-25.95	peak
3	8877.185	12.23	38.55	55.11	53.25	48.92	68.20	-19.28	peak
4	10640.000	13.77	39.34	53.72	49.19	48.58	74.00	-25.42	peak
5	15960.000	17.20	38.64	54.01	48.04	49.87	74.00	-24.13	peak
6	pp16574.540	17.67	39.12	54.17	48.65	51.27	68.20	-16.93	peak



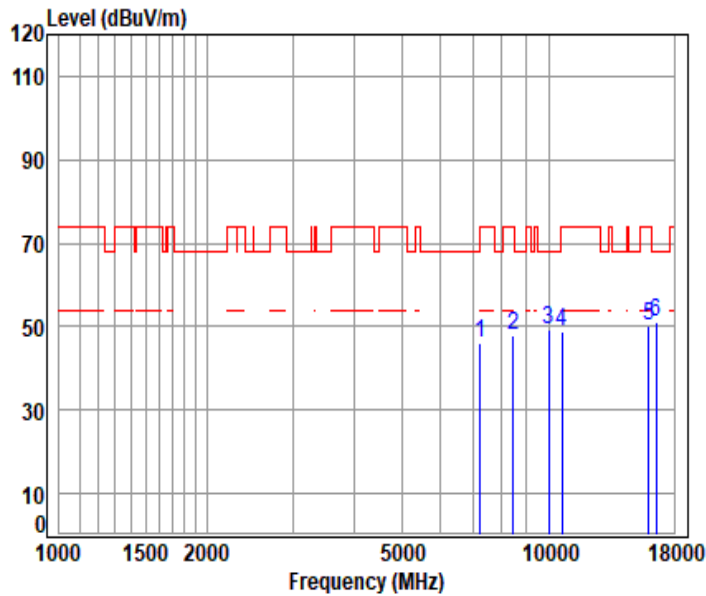
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11a_TX_CH_64_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5320 TX RSE

: 5G Wi-Fi 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	7226.345	11.52	36.60	56.52	54.51	46.11	68.20	-22.09	peak
2	8453.606	11.99	38.39	55.49	53.08	47.97	74.00	-26.03	peak
3	10000.720	13.01	38.90	54.10	51.66	49.47	68.20	-18.73	peak
4	10640.000	13.77	39.34	53.72	49.53	48.92	74.00	-25.08	peak
5	15960.000	17.20	38.64	54.01	48.40	50.23	74.00	-23.77	peak
6	pp16540.810	17.70	39.02	54.16	48.71	51.27	68.20	-16.93	peak



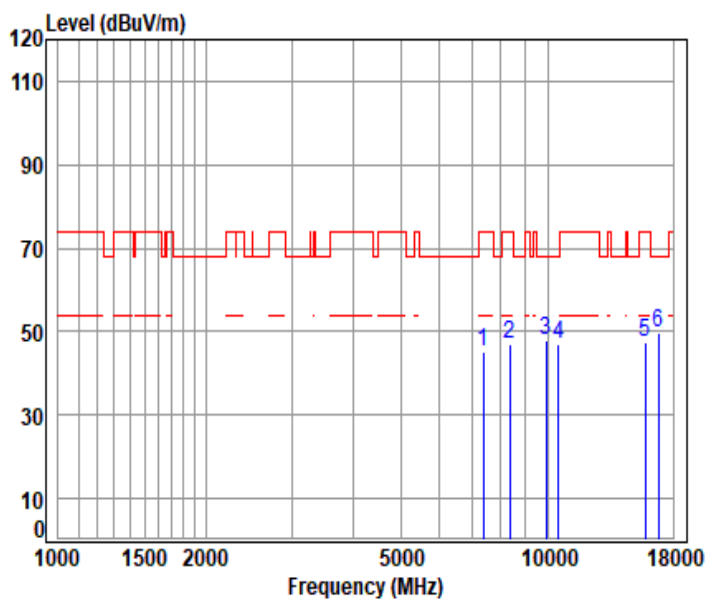
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11ax_20M_TX_CH_52_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5260 TX RSE

: 5G Wi-Fi 11ax20 MIMO

		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	7390.105	11.50	36.72	56.39	53.43	45.26	74.00	-28.74	peak
2	8342.406	11.70	38.58	55.59	52.23	46.92	74.00	-27.08	peak
3	9929.669	12.86	38.90	54.16	50.36	47.96	68.20	-20.24	peak
4	10520.000	13.63	39.14	53.79	48.12	47.10	68.20	-21.10	peak
5	15780.000	17.08	38.52	54.07	45.86	47.39	74.00	-26.61	peak
6	pp16795.470	17.47	39.59	54.24	46.72	49.54	68.20	-18.66	peak



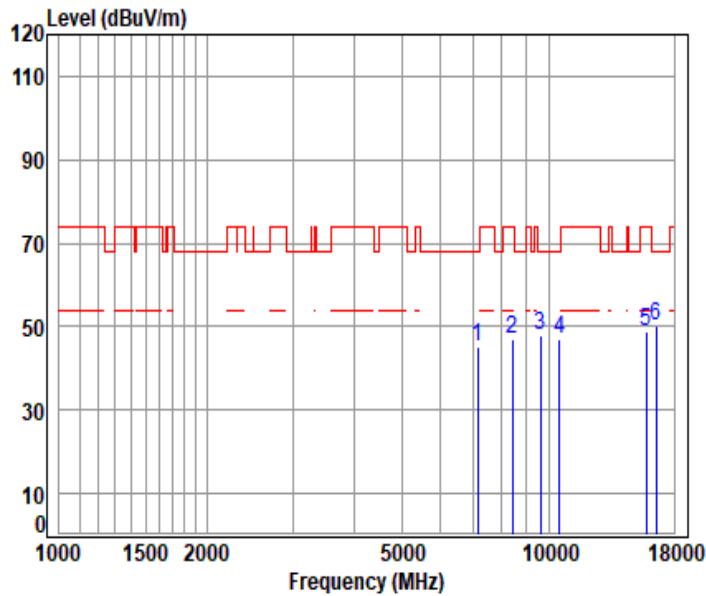
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Report No.: SZCR241100451006

Page: 50 of 760

11ax_20M_TX_CH_52_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5260 TX RSE

: 5G Wi-Fi 11ax20 MIMO

		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	7153.113	11.74	36.51	56.58	53.31	44.98	68.20	-23.22	peak
2	8427.813	11.82	38.49	55.51	52.38	47.18	74.00	-26.82	peak
3	9621.031	12.49	38.76	54.44	51.07	47.88	68.20	-20.32	peak
4	10520.000	13.63	39.14	53.79	47.93	46.91	68.20	-21.29	peak
5	15780.000	17.08	38.52	54.07	47.17	48.70	74.00	-25.30	peak
6	pp16574.540	17.67	39.12	54.17	47.37	49.99	68.20	-18.21	peak



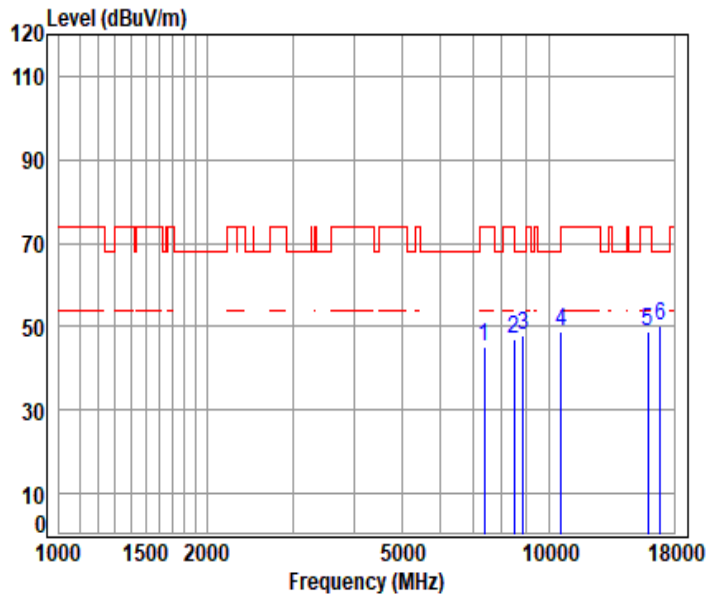
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11ax_20M_TX_CH_60_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5300 TX RSE

: 5G Wi-Fi 11ax20 MIMO

		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	7390.105	11.50	36.72	56.39	53.26	45.09	74.00	-28.91	peak
2	8488.119	12.23	38.32	55.46	51.75	46.84	74.00	-27.16	peak
3	8859.119	12.23	38.52	55.13	52.44	48.06	68.20	-20.14	peak
4	10600.000	13.59	39.30	53.74	49.51	48.66	68.20	-19.54	peak
5	15900.000	17.28	38.70	54.03	46.72	48.67	74.00	-25.33	peak
6	pp16898.430	18.17	39.60	54.27	46.53	50.03	68.20	-18.17	peak



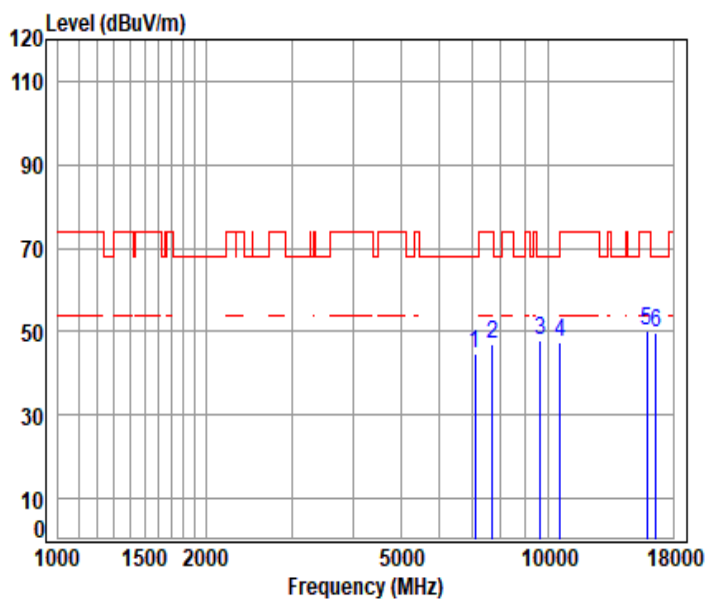
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 52 of 760

11ax_20M_TX_CH_60_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5300 TX RSE

: 5G Wi-Fi 11ax20 MIMO

		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	7109.531	11.95	36.42	56.61	52.99	44.75	68.20	-23.45	peak
2	7713.113	11.43	36.93	56.13	54.74	46.97	74.00	-27.03	peak
3	9650.476	12.57	38.70	54.41	50.98	47.84	68.20	-20.36	peak
4	10600.000	13.59	39.30	53.74	48.45	47.60	68.20	-20.60	peak
5	15900.000	17.28	38.70	54.03	48.30	50.25	74.00	-23.75	peak
6	pp16591.430	17.66	39.17	54.18	47.16	49.81	68.20	-18.39	peak



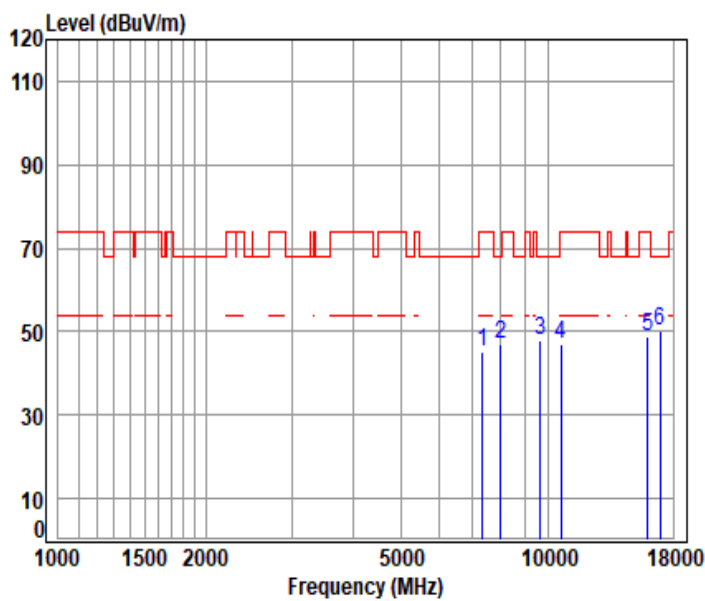
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11ax_20M_TX_CH_64_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5320 TX RSE

: 5G Wi-Fi 11ax20 MIMO

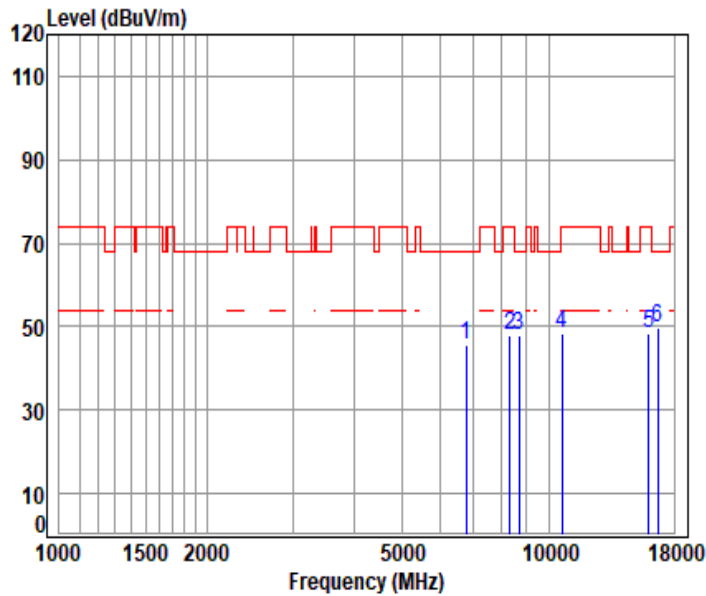
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7352.564	11.50	36.79	56.42	53.52	45.39	74.00	-28.61	peak
2	8001.191	11.56	37.80	55.90	53.69	47.15	68.20	-21.05	peak
3	9630.836	12.51	38.74	54.43	50.94	47.76	68.20	-20.44	peak
4	10640.000	13.77	39.34	53.72	47.71	47.10	74.00	-26.90	peak
5	15960.000	17.20	38.64	54.01	47.21	49.04	74.00	-24.96	peak
6	pp16950.140	18.12	39.65	54.29	46.50	49.98	68.20	-18.22	peak



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11ax_20M_TX_CH_64_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

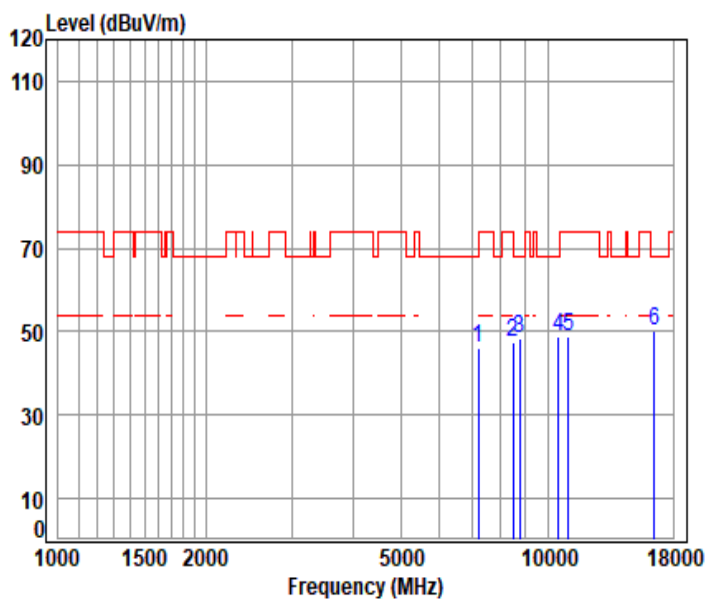
Mode : 5320 TX RSE

: 5G Wi-Fi 11ax20 MIMO

		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	6763.404	11.38	35.75	56.75	55.22	45.60	68.20	-22.60	peak
2	8325.429	11.73	38.31	55.61	53.34	47.77	74.00	-26.23	peak
3	8671.635	12.05	38.49	55.30	52.60	47.84	68.20	-20.36	peak
4	10640.000	13.77	39.34	53.72	48.86	48.25	74.00	-25.75	peak
5	15960.000	17.20	38.64	54.01	46.51	48.34	74.00	-25.66	peak
6	pp16693.140	17.59	39.39	54.21	46.97	49.74	68.20	-18.46	peak



11a_TX_CH_100_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5500 TX RSE

: 5G Wi-Fi 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	7211.639	11.52	36.60	56.53	54.27	45.86	68.20	-22.34	peak
2	8470.845	12.11	38.36	55.48	52.59	47.58	74.00	-26.42	peak
3	8742.585	12.16	38.51	55.23	52.88	48.32	68.20	-19.88	peak
4	10501.820	13.64	39.10	53.80	49.94	48.88	68.20	-19.32	peak
5	11000.000	14.17	39.40	53.50	48.57	48.64	74.00	-25.36	peak
6	pp16500.000	17.74	38.90	54.15	47.81	50.30	68.20	-17.90	peak



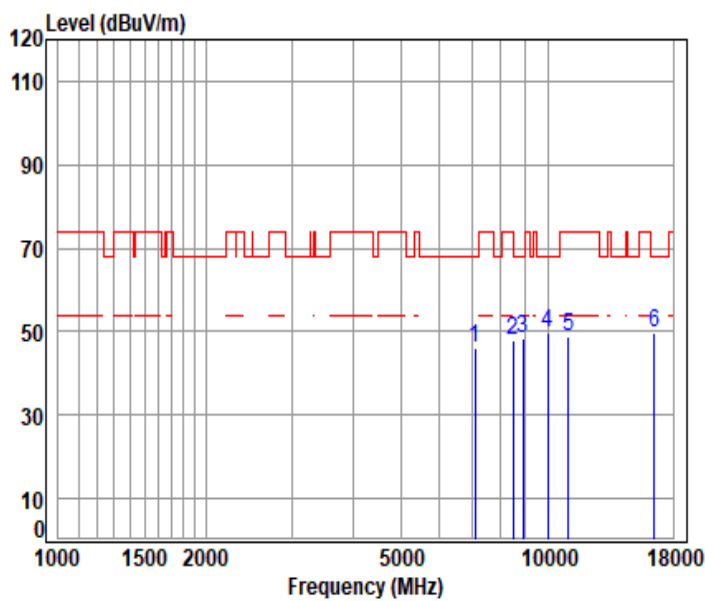
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 56 of 760

11a_TX_CH_100_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5500 TX RSE

: 5G Wi-Fi 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	7087.840	11.91	36.38	56.63	54.30	45.96	68.20	-22.24	peak
2	8470.845	12.11	38.36	55.48	52.89	47.88	74.00	-26.12	peak
3	8904.353	12.22	38.59	55.09	52.70	48.42	68.20	-19.78	peak
4	10000.720	13.01	38.90	54.10	51.73	49.54	68.20	-18.66	peak
5	11000.000	14.17	39.40	53.50	48.92	48.99	74.00	-25.01	peak
6	pp16500.000	17.74	38.90	54.15	47.28	49.77	68.20	-18.43	peak



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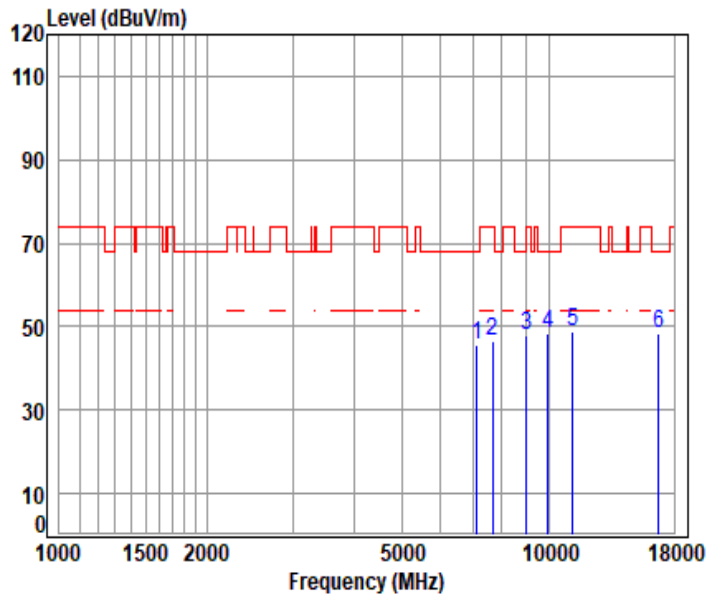
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 57 of 760

11a_TX_CH_116_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5580 TX RSE

: 5G Wi-Fi 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	7124.029	11.88	36.45	56.60	54.12	45.85	68.20	-22.35	peak
2	7681.751	11.38	36.90	56.15	54.60	46.73	74.00	-27.27	peak
3	9004.680	12.15	38.60	55.00	52.35	48.10	74.00	-25.90	peak
4	9949.918	12.90	38.90	54.15	50.85	48.50	68.20	-19.70	peak
5	11160.000	14.72	39.56	53.55	48.05	48.78	74.00	-25.22	peak
6	pp16740.000	17.54	39.48	54.22	45.73	48.53	68.20	-19.67	peak



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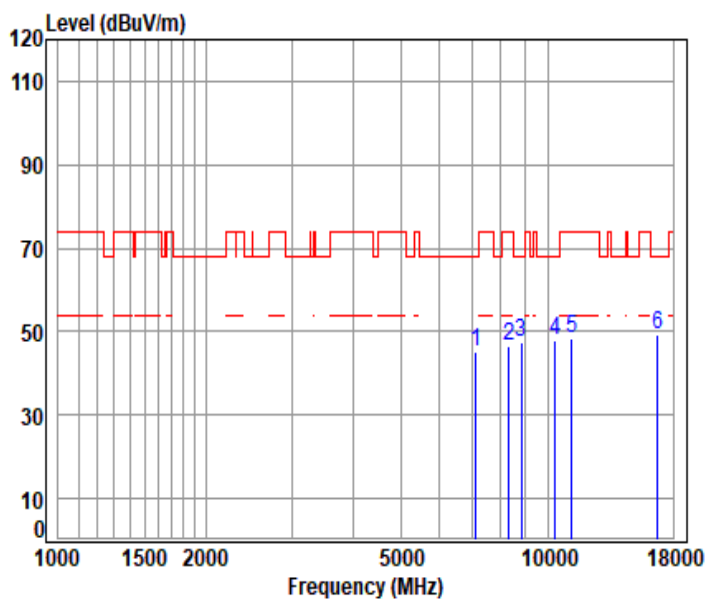
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 58 of 760

11a_TX_CH_116_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5580 TX RSE

: 5G Wi-Fi 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	7124.029	11.88	36.45	56.60	53.37	45.10	68.20	-23.10	peak
2	8325.429	11.73	38.31	55.61	52.25	46.68	74.00	-27.32	peak
3	8805.143	12.25	38.50	55.18	51.94	47.51	68.20	-20.69	peak
4	10363.680	13.61	39.00	53.88	49.25	47.98	68.20	-20.22	peak
5	11160.000	14.72	39.56	53.55	47.73	48.46	74.00	-25.54	peak
6	pp16740.000	17.54	39.48	54.22	46.51	49.31	68.20	-18.89	peak



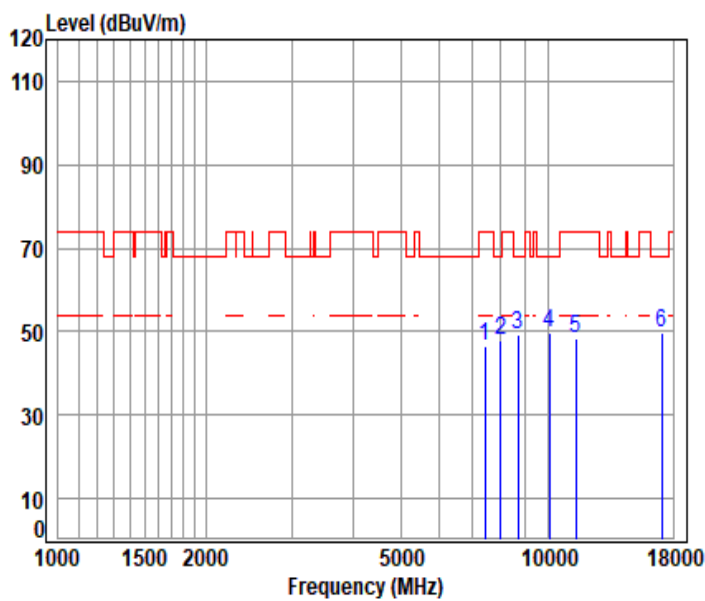
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11a_TX_CH_140_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

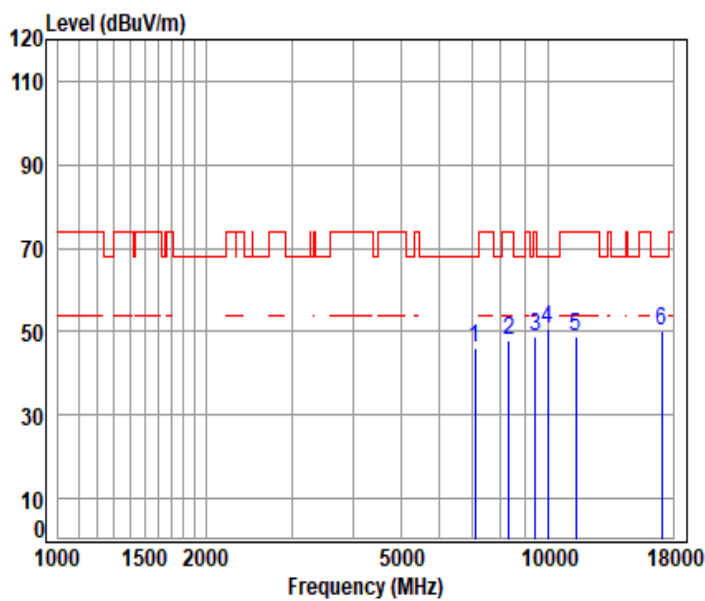
Mode : 5700 TX RSE

: 5G Wi-Fi 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	7427.838	11.42	36.76	56.36	54.53	46.35	74.00	-27.65	peak
2	8001.191	11.56	37.80	55.90	54.65	48.11	68.20	-20.09	peak
3	8680.473	12.06	38.52	55.29	53.84	49.13	68.20	-19.07	peak
4	pp10051.780	13.14	39.00	54.07	51.58	49.65	68.20	-18.55	peak
5	11400.000	14.21	39.70	53.62	47.95	48.24	74.00	-25.76	peak
6	17100.000	18.47	39.80	54.32	45.68	49.63	68.20	-18.57	peak



11a_TX_CH_140_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5700 TX RSE

: 5G Wi-Fi 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	7109.531	11.95	36.42	56.61	54.42	46.18	68.20	-22.02	peak
2	8333.913	11.72	38.44	55.60	53.27	47.83	74.00	-26.17	peak
3	9436.627	12.40	38.80	54.61	52.03	48.62	74.00	-25.38	peak
4	pp 9990.539	12.99	38.90	54.11	52.65	50.43	68.20	-17.77	peak
5	11400.000	14.21	39.70	53.62	48.31	48.60	74.00	-25.40	peak
6	17100.000	18.47	39.80	54.32	46.30	50.25	68.20	-17.95	peak



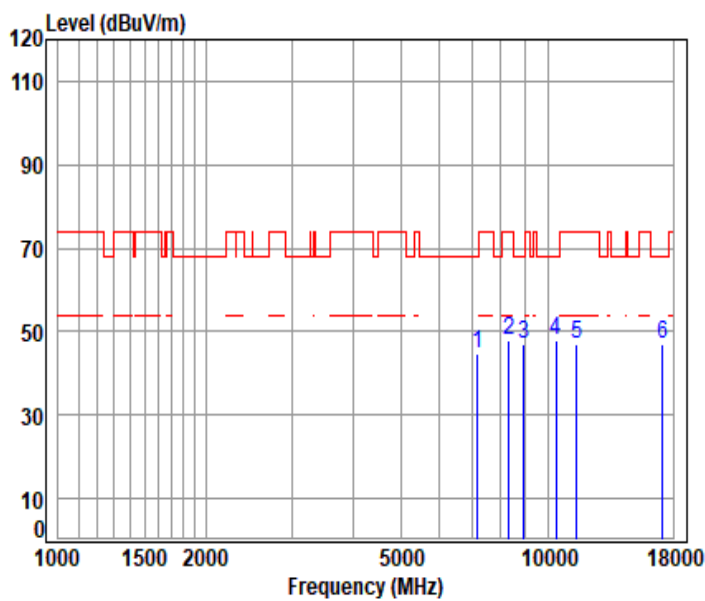
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 61 of 760

11a_Straddle_TX_CH_144_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5720 TX RSE

: 5G Wi-Fi 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	7182.317	11.60	36.56	56.55	53.25	44.86	68.20	-23.34	peak
2	8333.913	11.72	38.44	55.60	53.13	47.69	74.00	-26.31	peak
3	8913.427	12.21	38.57	55.08	51.10	46.80	68.20	-21.40	peak
4	pp10384.810	13.61	39.00	53.87	49.27	48.01	68.20	-20.19	peak
5	11440.000	14.55	39.66	53.63	46.35	46.93	74.00	-27.07	peak
6	17160.000	18.08	39.86	54.33	43.39	47.00	68.20	-21.20	peak



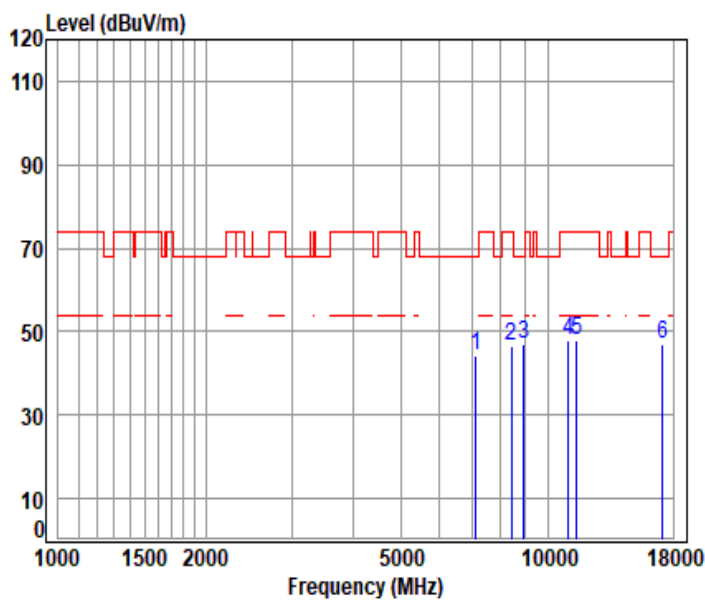
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11a_Straddle_TX_CH_144_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

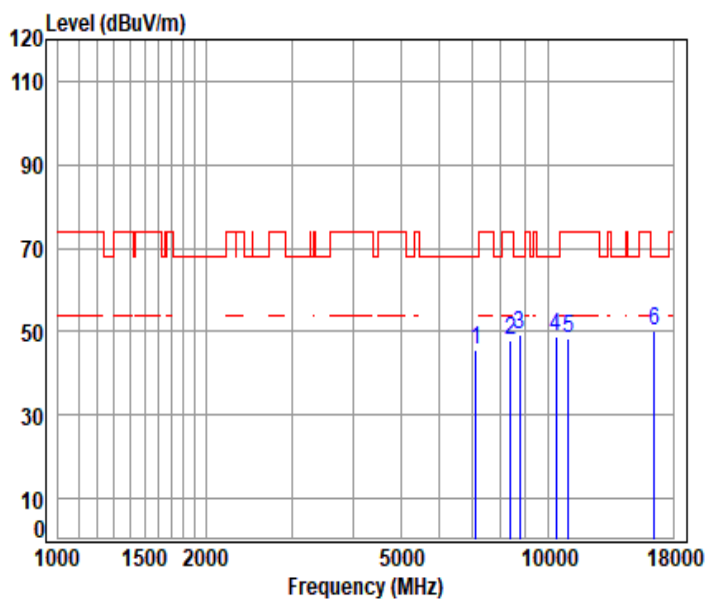
Mode : 5720 TX RSE

: 5G Wi-Fi 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	7124.029	11.88	36.45	56.60	52.72	44.45	68.20	-23.75	peak
2	8436.402	11.88	38.45	55.51	51.54	46.36	74.00	-27.64	peak
3	pp 8913.427	12.21	38.57	55.08	51.41	47.11	68.20	-21.09	peak
4	11005.580	14.20	39.41	53.50	48.01	48.12	74.00	-25.88	peak
5	11440.000	14.55	39.66	53.63	47.10	47.68	74.00	-26.32	peak
6	17160.000	18.08	39.86	54.33	43.44	47.05	68.20	-21.15	peak



11ax_20M_TX_CH_100_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

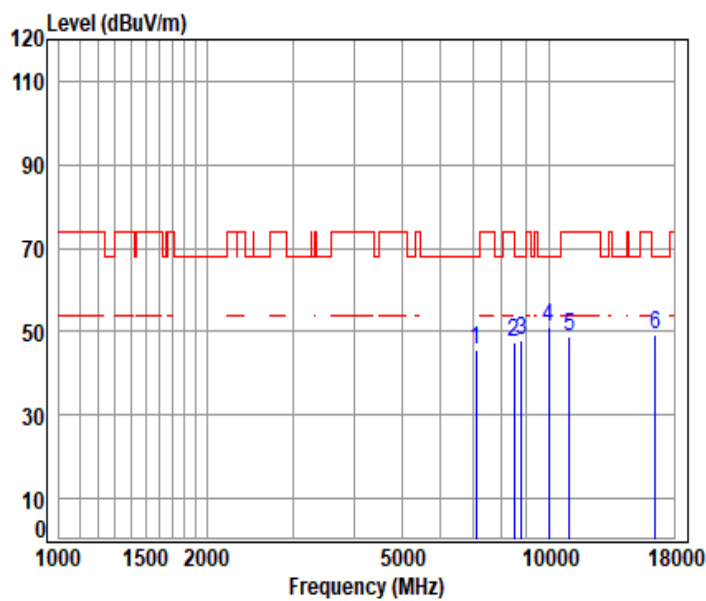
Mode : 5500 TX RSE

: 5G Wi-Fi 11ax20 MIMO

		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	7124.029	11.88	36.45	56.60	53.96	45.69	68.20	-22.51	peak
2	8385.002	11.65	38.63	55.55	53.03	47.76	74.00	-26.24	peak
3	8742.585	12.16	38.51	55.23	53.93	49.37	68.20	-18.83	peak
4	10395.390	13.62	39.00	53.86	49.98	48.74	68.20	-19.46	peak
5	11000.000	14.17	39.40	53.50	48.46	48.53	74.00	-25.47	peak
6	pp16500.000	17.74	38.90	54.15	47.91	50.40	68.20	-17.80	peak



11ax_20M_TX_CH_100_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

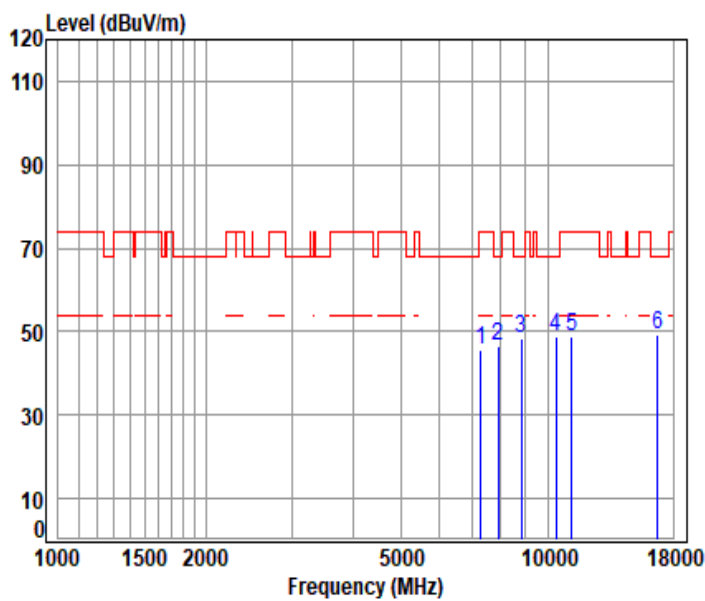
Mode : 5500 TX RSE

: 5G Wi-Fi 11ax20 MIMO

		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	7087.840	11.91	36.38	56.63	54.11	45.77	68.20	-22.43	peak
2	8488.119	12.23	38.32	55.46	52.48	47.57	74.00	-26.43	peak
3	8787.224	12.23	38.50	55.19	52.37	47.91	68.20	-20.29	peak
4	10000.720	13.01	38.90	54.10	53.18	50.99	68.20	-17.21	peak
5	11000.000	14.17	39.40	53.50	48.90	48.97	74.00	-25.03	peak
6	16500.000	17.74	38.90	54.15	46.89	49.38	68.20	-18.82	peak



11ax_20M_100_TX_CH_116_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5580 TX RSE

: 5G Wi-Fi 11ax20 MIMO

		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	7300.327	11.51	36.70	56.46	53.65	45.40	74.00	-28.60	peak
2	7928.178	11.55	37.66	55.96	53.38	46.63	68.20	-21.57	peak
3	8823.098	12.24	38.50	55.16	52.77	48.35	68.20	-19.85	peak
4	10374.240	13.61	39.00	53.88	50.13	48.86	68.20	-19.34	peak
5	11160.000	14.72	39.56	53.55	47.90	48.63	74.00	-25.37	peak
6	pp16740.000	17.54	39.48	54.22	46.49	49.29	68.20	-18.91	peak



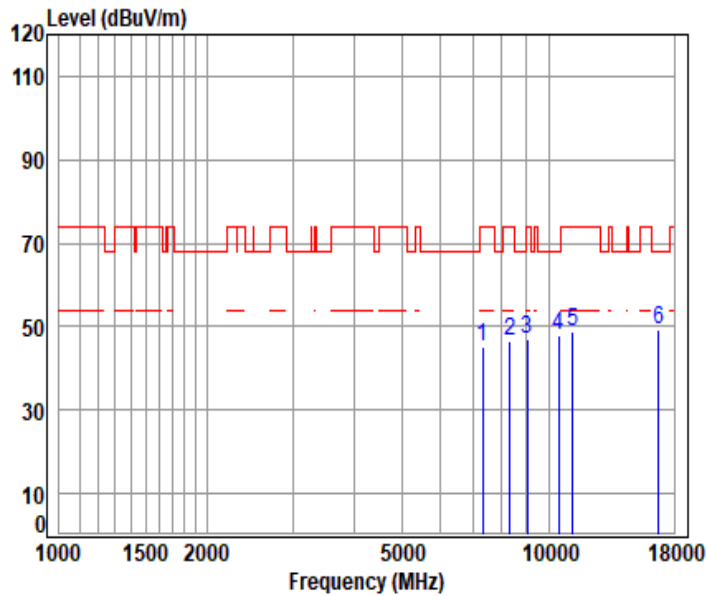
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Report No.: SZCR241100451006

Page: 66 of 760

11ax_20M_100_TX_CH_116_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5580 TX RSE

: 5G Wi-Fi 11ax20 MIMO

	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	
7307.767	11.51	36.72	56.45	53.34	45.12	74.00	-28.88	peak
8333.913	11.72	38.44	55.60	52.18	46.74	74.00	-27.26	peak
9023.043	12.14	38.60	54.98	51.34	47.10	74.00	-26.90	peak
10448.470	13.63	39.05	53.83	48.93	47.78	68.20	-20.42	peak
11160.000	14.72	39.56	53.55	48.31	49.04	74.00	-24.96	peak
16740.000	17.54	39.48	54.22	46.28	49.08	68.20	-19.12	peak



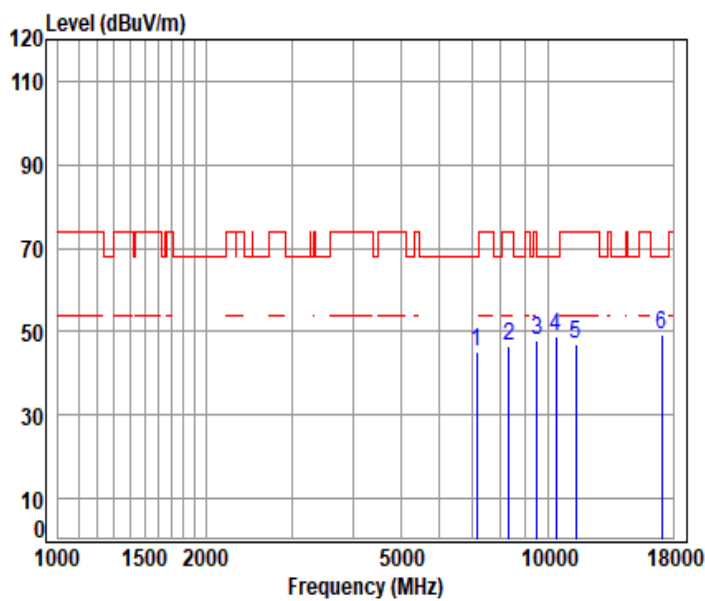
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11ax_20M_100_TX_CH_140_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5700 TX RSE

: 5G Wi-Fi 11ax20 MIMO

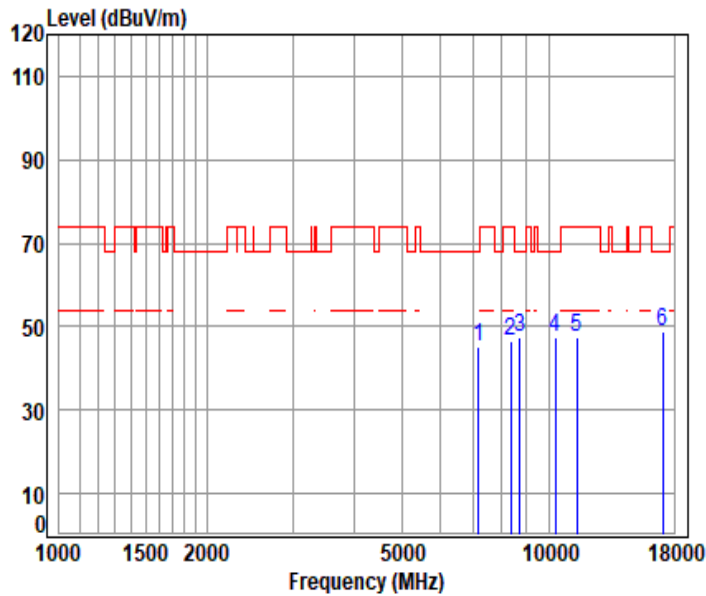
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7145.831	11.77	36.49	56.58	53.28	44.96	68.20	-23.24	peak
2	8325.429	11.73	38.31	55.61	52.24	46.67	74.00	-27.33	peak
3	9484.810	12.52	38.87	54.56	50.91	47.74	74.00	-26.26	peak
4	10395.390	13.62	39.00	53.86	49.95	48.71	68.20	-19.49	peak
5	11400.000	14.21	39.70	53.62	46.77	47.06	74.00	-26.94	peak
6	pp17100.000	18.47	39.80	54.32	45.49	49.44	68.20	-18.76	peak



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11ax_20M_100_TX_CH_140_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

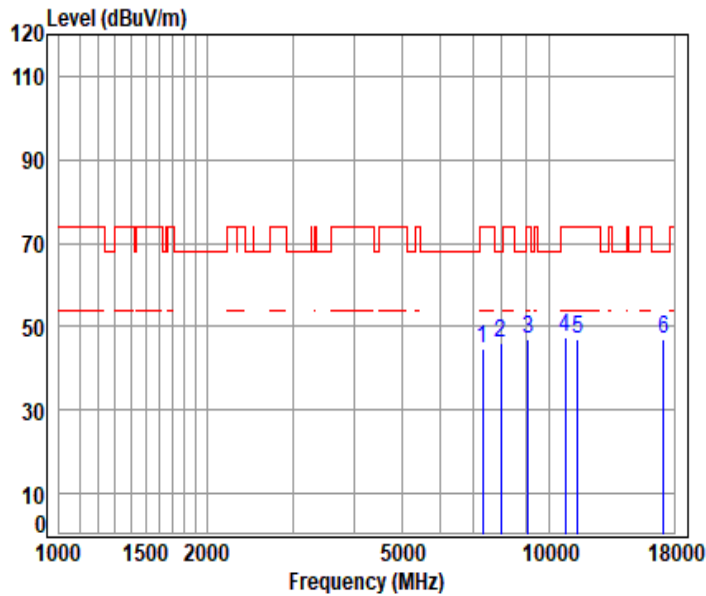
Mode : 5700 TX RSE

: 5G Wi-Fi 11ax20 MIMO

		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	7175.005	11.64	36.55	56.56	53.33	44.96	68.20	-23.24	peak
2	8359.419	11.68	38.68	55.58	51.93	46.71	74.00	-27.29	peak
3	8733.685	12.14	38.53	55.24	52.03	47.46	68.20	-20.74	peak
4	10300.530	13.58	39.00	53.92	48.95	47.61	68.20	-20.59	peak
5	11400.000	14.21	39.70	53.62	47.01	47.30	74.00	-26.70	peak
6	pp17100.000	18.47	39.80	54.32	45.08	49.03	68.20	-19.17	peak



11ax_20M_Straddle_TX_CH_144_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

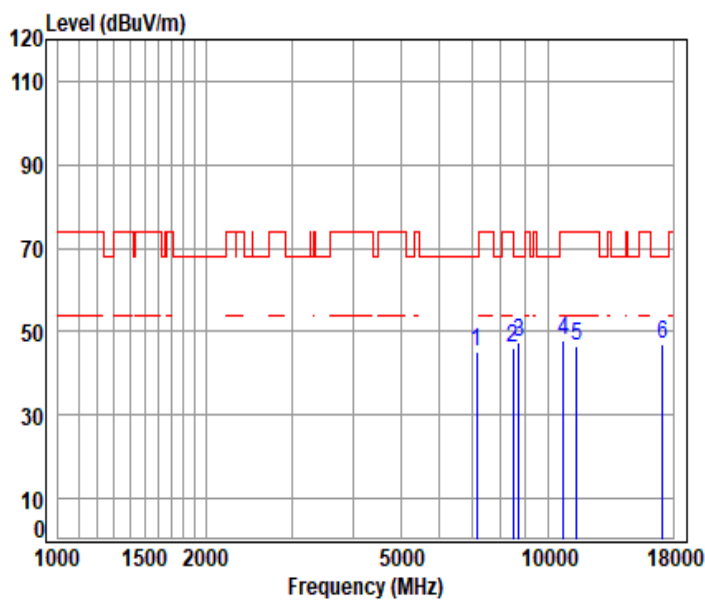
Mode : 5720 TX RSE

: 5G Wi-Fi 11ax20 MIMO

		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	7330.131	11.51	36.76	56.44	52.98	44.81	74.00	-29.19	peak
2	7960.545	11.55	37.72	55.93	52.76	46.10	68.20	-22.10	peak
3	9050.656	12.13	38.60	54.95	51.16	46.94	74.00	-27.06	peak
4	10805.640	13.70	39.30	53.62	48.04	47.42	74.00	-26.58	peak
5	11440.000	14.55	39.66	53.63	46.60	47.18	74.00	-26.82	peak
6	pp17160.000	18.08	39.86	54.33	43.20	46.81	68.20	-21.39	peak



11ax_20M_Straddle_TX_CH_144_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5720 TX RSE

: 5G Wi-Fi 11ax20 MIMO

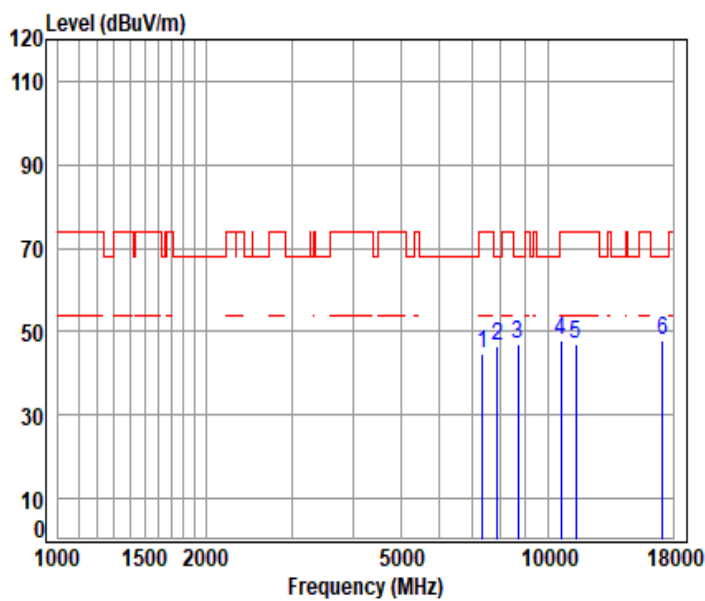
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7153.113	11.74	36.51	56.58	53.37	45.04	68.20	-23.16	peak
2	8496.769	12.29	38.31	55.45	50.88	46.03	74.00	-27.97	peak
3	pp 8733.685	12.14	38.53	55.24	51.93	47.36	68.20	-20.84	peak
4	10739.810	13.90	39.36	53.66	48.17	47.77	74.00	-26.23	peak
5	11440.000	14.55	39.66	53.63	46.06	46.64	74.00	-27.36	peak
6	17160.000	18.08	39.86	54.33	43.31	46.92	68.20	-21.28	peak



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11n_40M_Straddle_TX_CH_142_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

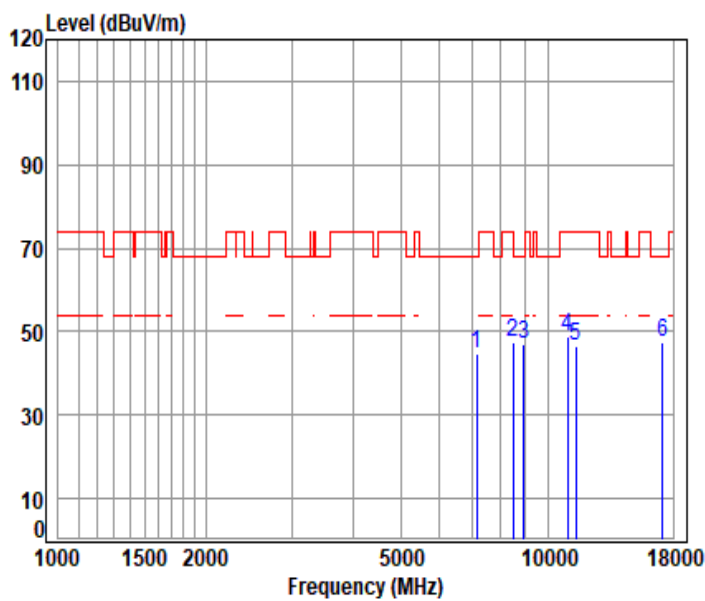
Mode : 5710 TX RSE

: 5G Wi-Fi 11n40 MIMO

		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	7352.564	11.50	36.79	56.42	53.05	44.92	74.00	-29.08	peak
2	7887.904	11.51	37.55	55.99	53.69	46.76	68.20	-21.44	peak
3	8689.318	12.08	38.56	55.28	51.64	47.00	68.20	-21.20	peak
4	10620.150	13.68	39.32	53.73	48.56	47.83	74.00	-26.17	peak
5	11420.000	14.38	39.68	53.63	46.46	46.89	74.00	-27.11	peak
6	pp17130.000	18.27	39.83	54.33	43.94	47.71	68.20	-20.49	peak



11n_40M_Straddle_TX_CH_142_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5710 TX RSE

: 5G Wi-Fi 11n40 MIMO

		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	7153.113	11.74	36.51	56.58	53.10	44.77	68.20	-23.43	peak
2	8488.119	12.23	38.32	55.46	52.35	47.44	74.00	-26.56	peak
3	8922.510	12.20	38.55	55.07	51.16	46.84	68.20	-21.36	peak
4	10960.830	14.09	39.36	53.52	48.75	48.68	74.00	-25.32	peak
5	11420.000	14.38	39.68	53.63	45.91	46.34	74.00	-27.66	peak
6	pp17130.000	18.27	39.83	54.33	43.59	47.36	68.20	-20.84	peak



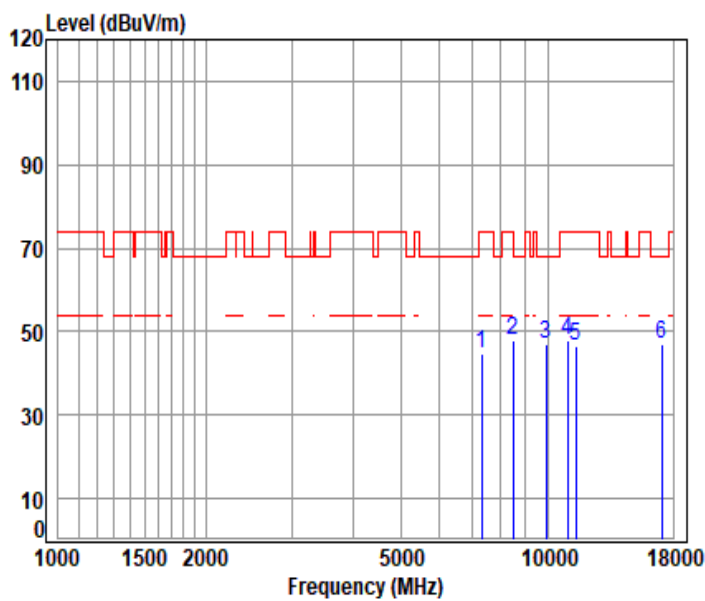
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 73 of 760

11ac_80M_Straddle_TX_CH_138_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5690 TX RSE

: 5G Wi-Fi 11ac80 MIMO

		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	7322.668	11.51	36.75	56.44	53.06	44.88	74.00	-29.12	peak
2	8496.769	12.29	38.31	55.45	52.80	47.95	74.00	-26.05	peak
3	9909.461	12.82	38.90	54.18	49.23	46.77	68.20	-21.43	Peak
4	10960.830	14.09	39.36	53.52	47.96	47.89	74.00	-26.11	peak
5	11380.000	14.30	39.70	53.61	46.08	46.47	74.00	-27.53	peak
6	pp17070.000	18.35	39.77	54.31	43.34	47.15	68.20	-21.05	peak



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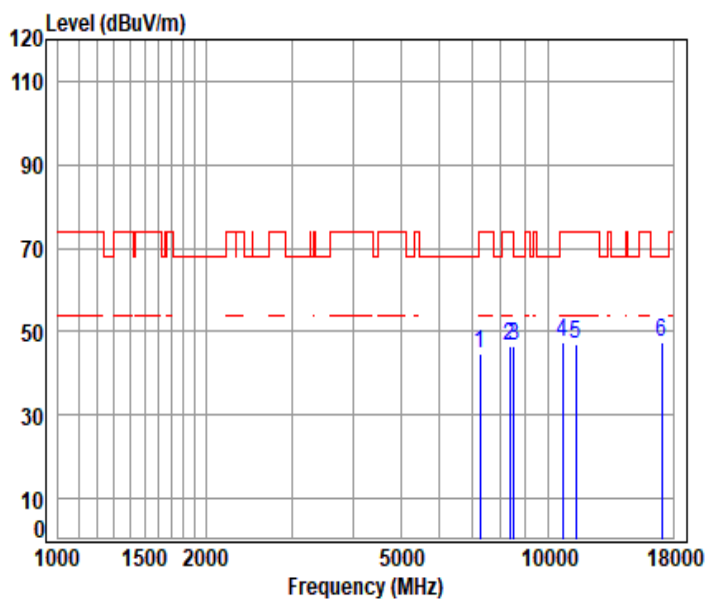
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 74 of 760

11ac_80M_Straddle_TX_CH_138_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5690 TX RSE

: 5G Wi-Fi 11ac80 MIMO

	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	7270.644	11.51	36.64	56.48	52.97	44.64	74.00 -29.36 peak
2	8367.938	11.67	38.66	55.57	51.61	46.37	74.00 -27.63 peak
3	8522.772	12.23	38.30	55.43	51.26	46.36	68.20 -21.84 peak
4	10728.870	13.94	39.37	53.66	47.79	47.44	74.00 -26.56 peak
5	11380.000	14.30	39.70	53.61	46.71	47.10	74.00 -26.90 peak
6	pp17070.000	18.35	39.77	54.31	43.85	47.66	68.20 -20.54 peak



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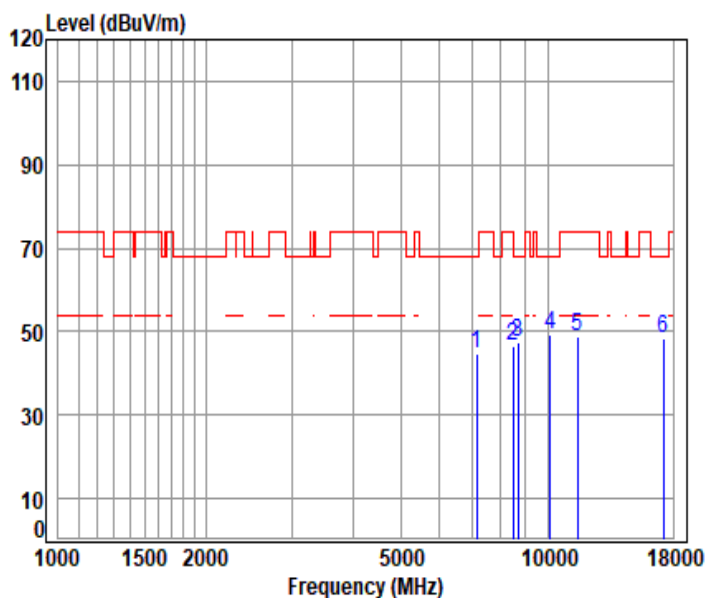
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 75 of 760

11a_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5745 TX RSE

: 5.8G Wi-Fi 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	7153.113	11.74	36.51	56.58	53.05	44.72	68.20	-23.48 peak
2	8496.769	12.29	38.31	55.45	51.37	46.52	74.00	-27.48 peak
3	8698.174	12.09	38.59	55.27	52.22	47.63	68.20	-20.57 peak
4	pp10103.110	13.26	39.10	54.04	50.76	49.08	68.20	-19.12 peak
5	11490.000	14.97	39.61	53.65	47.93	48.86	74.00	-25.14 peak
6	17235.000	17.83	40.01	54.35	44.97	48.46	68.20	-19.74 peak



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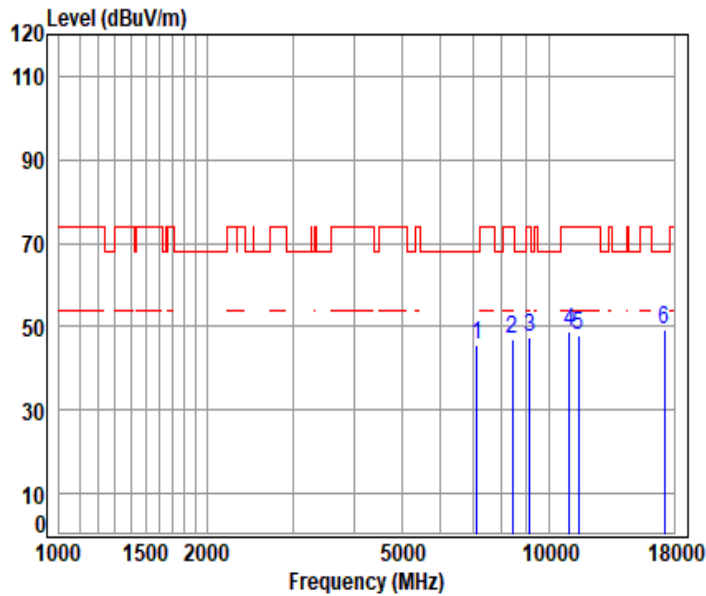
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 76 of 760

11a_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5745 TX RSE

: 5.8G Wi-Fi 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	
7131.289	11.84	36.46	56.59	53.74	45.45	68.20	-22.75	peak
8410.663	11.70	38.56	55.53	52.10	46.83	74.00	-27.17	peak
9124.708	12.17	38.65	54.89	51.75	47.68	74.00	-26.32	peak
10994.380	14.16	39.39	53.50	48.68	48.73	74.00	-25.27	peak
11490.000	14.97	39.61	53.65	46.84	47.77	74.00	-26.23	peak
p17235.000	17.83	40.01	54.35	45.59	49.08	68.20	-19.12	peak



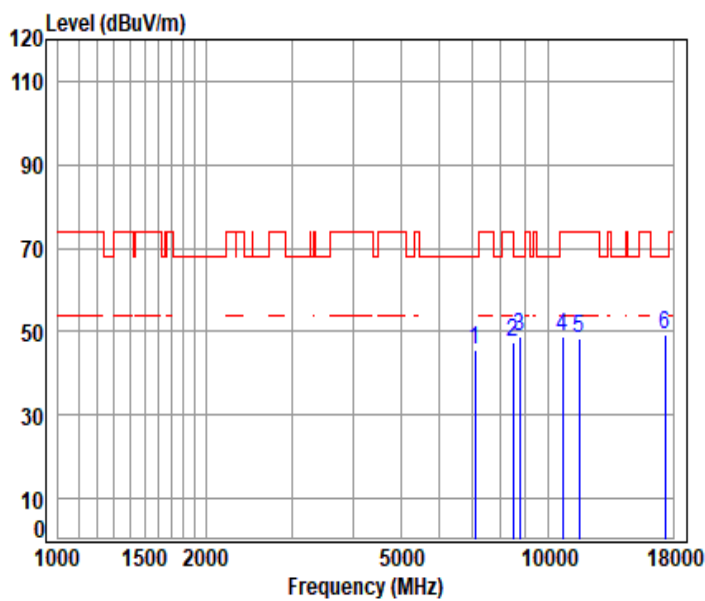
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11a_TX_CH_157_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5785 TX RSE

: 5.8G Wi-Fi 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	
7102.293	11.98	36.40	56.62	53.82	45.58	68.20	-22.62	peak
8488.119	12.23	38.32	55.46	52.19	47.28	74.00	-26.72	peak
8742.585	12.16	38.51	55.23	53.16	48.60	68.20	-19.60	peak
10707.040	14.01	39.39	53.68	48.94	48.66	74.00	-25.34	peak
11570.000	14.78	39.60	53.67	47.87	48.58	74.00	-25.42	peak
17355.000	18.00	40.31	54.37	45.19	49.13	68.20	-19.07	peak



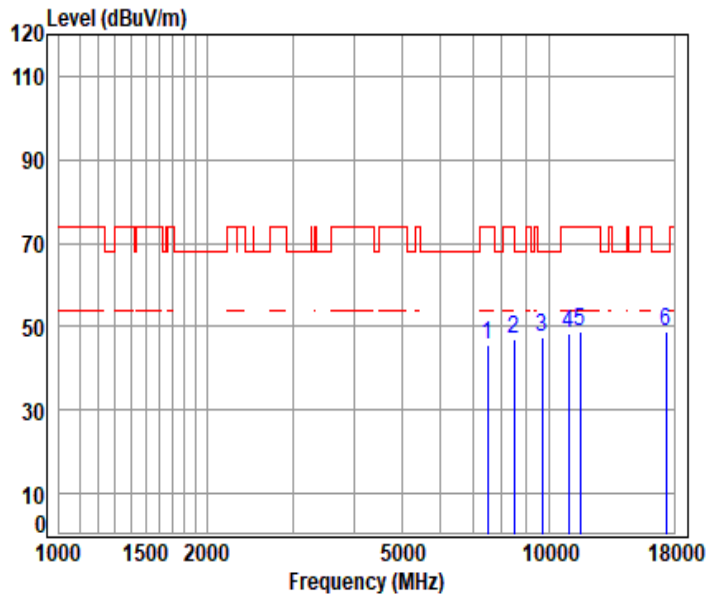
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 78 of 760

11a_TX_CH_157_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5785 TX RSE

: 5.8G Wi-Fi 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	7480.987	11.28	36.80	56.32	53.86	45.62	74.00	-28.38	peak
2	8488.119	12.23	38.32	55.46	51.78	46.87	74.00	-27.13	peak
3	9689.874	12.67	38.70	54.38	50.65	47.64	68.20	-20.56	peak
4	10972.000	14.11	39.37	53.52	48.59	48.55	74.00	-25.45	peak
5	11570.000	14.78	39.60	53.67	48.01	48.72	74.00	-25.28	peak
6	pp17355.000	18.00	40.31	54.37	44.92	48.86	68.20	-19.34	peak



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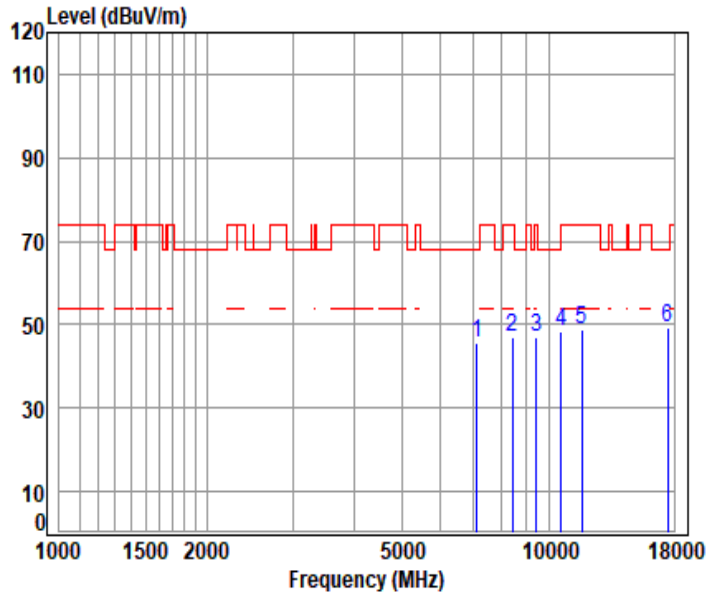
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Report No.: SZCR241100451006

Page: 79 of 760

11a_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5825 TX RSE

: 5.8G Wi-Fi 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	7131.289	11.84	36.46	56.59	53.78	45.49	68.20	-22.71	peak
2	8419.234	11.76	38.52	55.52	52.06	46.82	74.00	-27.18	peak
3	9417.423	12.35	38.80	54.62	50.44	46.97	74.00	-27.03	peak
4	10576.960	13.60	39.25	53.75	49.23	48.33	68.20	-19.87	peak
5	11650.000	14.69	39.55	53.69	48.22	48.77	74.00	-25.23	peak
6	pp17475.000	18.35	40.78	54.40	44.75	49.48	68.20	-18.72	peak



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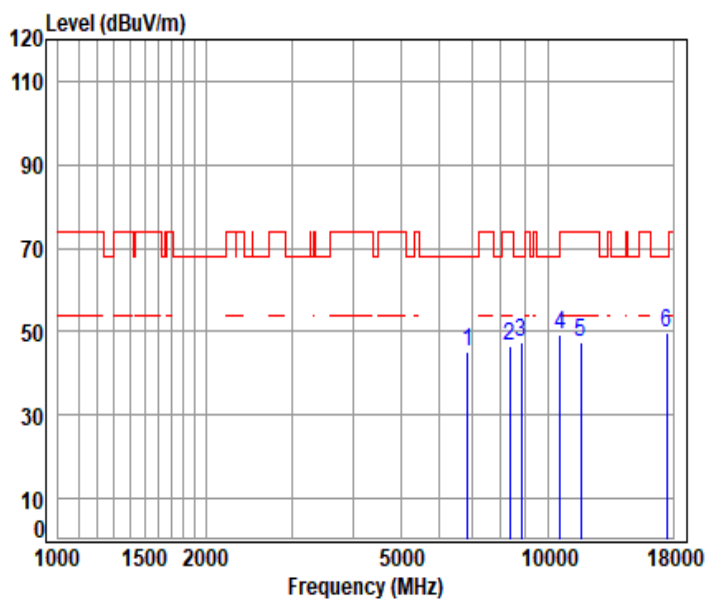
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 80 of 760

11a_TX_CH_165_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5825 TX RSE

: 5.8G Wi-Fi 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	6860.542	11.37	36.04	56.73	54.39	45.07	68.20	-23.13 peak
2	8342.406	11.70	38.58	55.59	51.78	46.47	74.00	-27.53 peak
3	8805.143	12.25	38.50	55.18	51.89	47.46	68.20	-20.74 peak
4	10587.740	13.60	39.28	53.75	50.02	49.15	68.20	-19.05 peak
5	11650.000	14.69	39.55	53.69	46.73	47.28	74.00	-26.72 peak
6	pp17475.000	18.35	40.78	54.40	45.01	49.74	68.20	-18.46 peak



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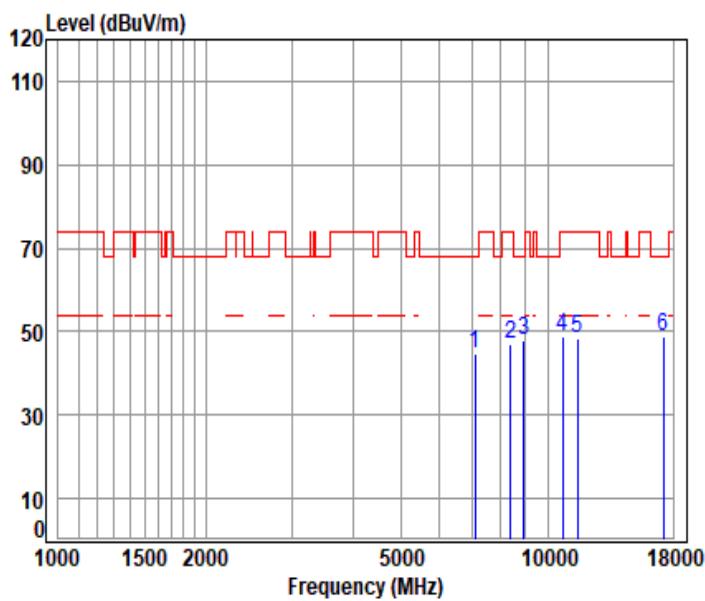
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 81 of 760

11ax_20M_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5745 TX RSE

: 5.8G Wi-Fi 11ax20 MIMO

	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	
7109.531	11.95	36.42	56.61	53.17	44.93	68.20	-23.27	peak
8393.547	11.64	38.61	55.55	52.09	46.79	74.00	-27.21	peak
8913.427	12.21	38.57	55.08	52.30	48.00	68.20	-20.20	peak
10707.040	14.01	39.39	53.68	49.19	48.91	74.00	-25.09	peak
11490.000	14.97	39.61	53.65	47.36	48.29	74.00	-25.71	peak
17235.000	17.83	40.01	54.35	45.30	48.79	68.20	-19.41	peak



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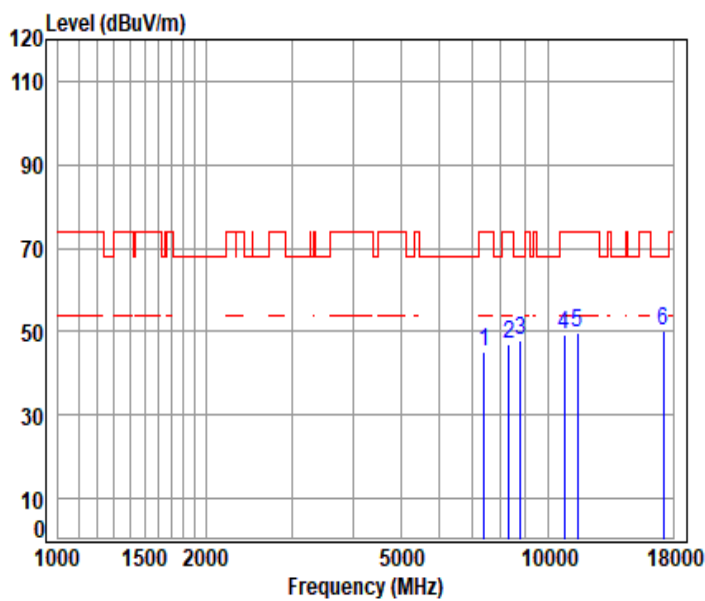
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 82 of 760

11ax_20M_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5745 TX RSE

: 5.8G Wi-Fi 11ax20 MIMO

	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	
7397.636	11.50	36.70	56.38	53.51	45.33	74.00	-28.67	peak
8325.429	11.73	38.31	55.61	52.42	46.85	74.00	-27.15	peak
8796.179	12.24	38.50	55.18	52.38	47.94	68.20	-20.26	peak
10783.650	13.74	39.32	53.63	49.79	49.22	74.00	-24.78	peak
11490.000	14.97	39.61	53.65	48.61	49.54	74.00	-24.46	peak
17235.000	17.83	40.01	54.35	46.66	50.15	68.20	-18.05	peak



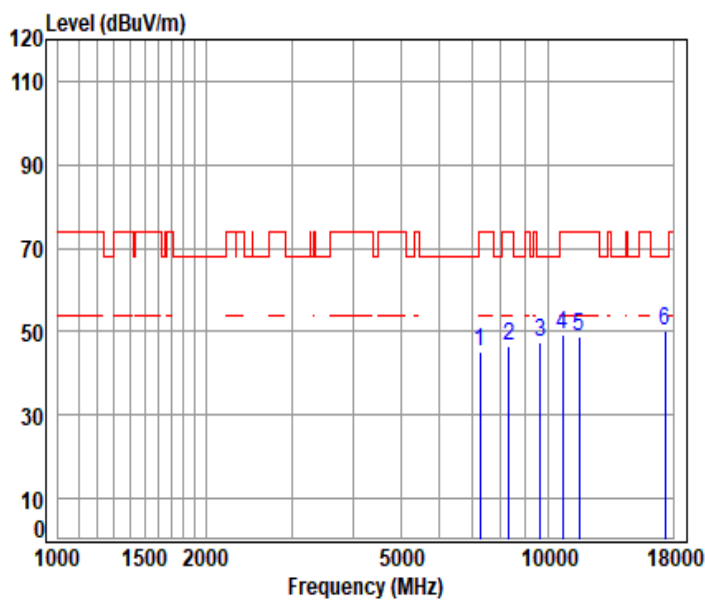
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11ax_20M_TX_CH_157_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5785 TX RSE

: 5.8G Wi-Fi 11ax20 MIMO

		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	7278.053	11.51	36.66	56.48	53.59	45.28	74.00	-28.72	peak
2	8333.913	11.72	38.44	55.60	52.07	46.63	74.00	-27.37	peak
3	9630.836	12.51	38.74	54.43	50.54	47.36	68.20	-20.84	peak
4	10728.870	13.94	39.37	53.66	49.41	49.06	74.00	-24.94	peak
5	11570.000	14.78	39.60	53.67	48.00	48.71	74.00	-25.29	peak
6	pp17355.000	18.00	40.31	54.37	46.15	50.09	68.20	-18.11	peak



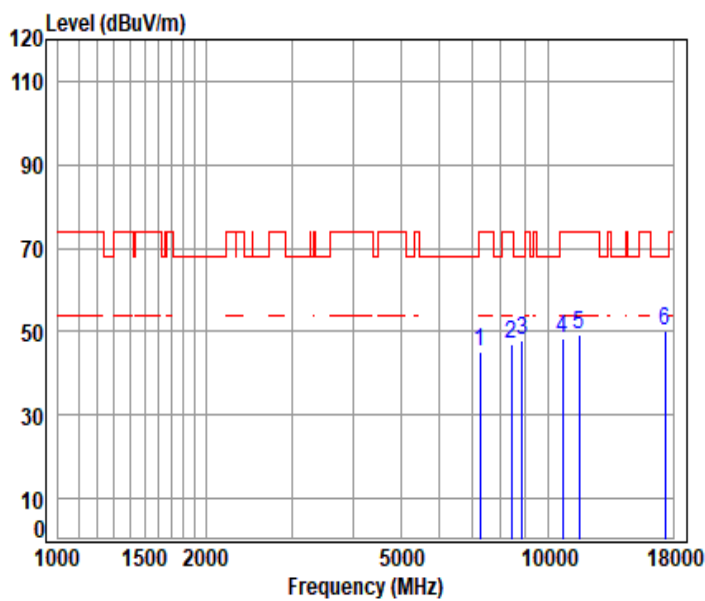
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 84 of 760

11ax_20M_TX_CH_157_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5785 TX RSE

: 5.8G Wi-Fi 11ax20 MIMO

		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	7278.053	11.51	36.66	56.48	53.29	44.98	74.00	-29.02	peak
2	8427.813	11.82	38.49	55.51	52.40	47.20	74.00	-26.80	peak
3	8841.090	12.24	38.50	55.14	52.37	47.97	68.20	-20.23	peak
4	10717.950	13.98	39.38	53.67	48.75	48.44	74.00	-25.56	peak
5	11570.000	14.78	39.60	53.67	48.57	49.28	74.00	-24.72	peak
6	pp17355.000	18.00	40.31	54.37	46.48	50.42	68.20	-17.78	peak



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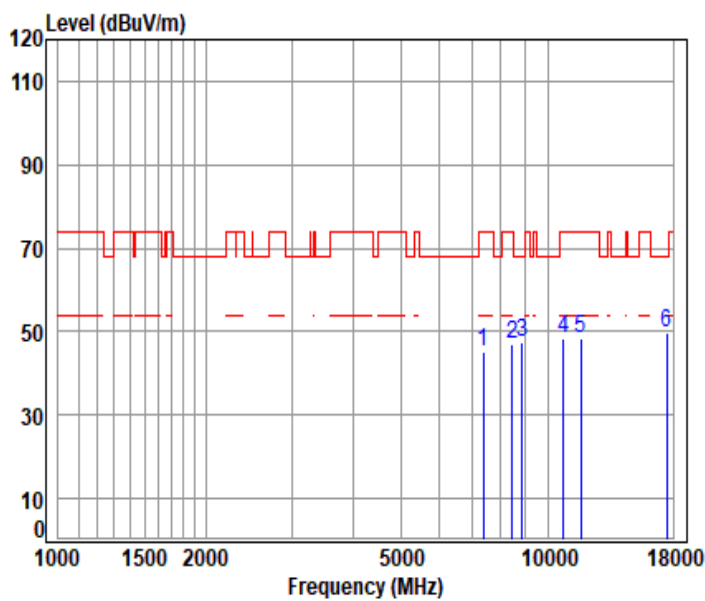
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Report No.: SZCR241100451006

Page: 85 of 760

11ax_20M_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5825 TX RSE

: 5.8G Wi-Fi 11ax20 MIMO

		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	7367.558	11.50	36.76	56.41	53.39	45.24	74.00	-28.76	peak
2	8453.606	11.99	38.39	55.49	52.22	47.11	74.00	-26.89	peak
3	8841.090	12.24	38.50	55.14	51.92	47.52	68.20	-20.68	peak
4	10750.750	13.86	39.35	53.65	48.85	48.41	74.00	-25.59	peak
5	11650.000	14.69	39.55	53.69	47.64	48.19	74.00	-25.81	peak
6	pp17475.000	18.35	40.78	54.40	45.21	49.94	68.20	-18.26	peak



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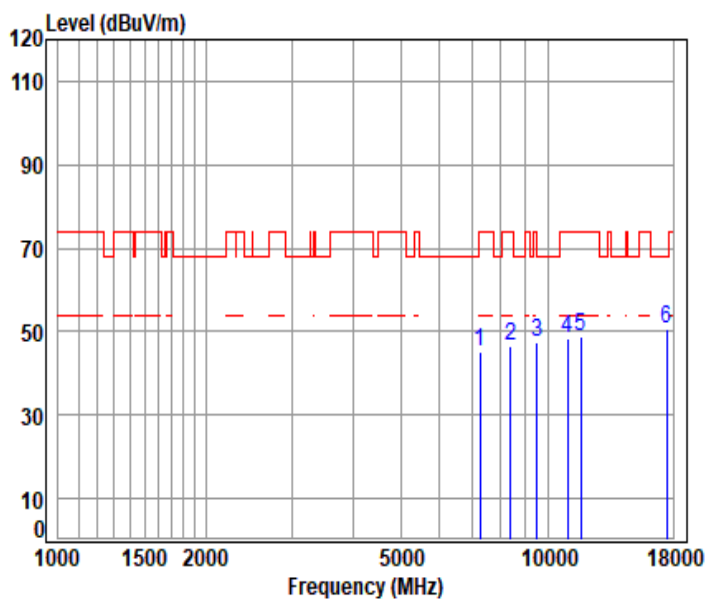
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 86 of 760

11ax_20M_TX_CH_165_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5825 TX RSE

: 5.8G Wi-Fi 11ax20 MIMO

		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	7278.053	11.51	36.66	56.48	53.41	45.10	74.00	-28.90	peak
2	8393.547	11.64	38.61	55.55	52.01	46.71	74.00	-27.29	peak
3	9513.836	12.54	38.87	54.54	50.71	47.58	68.20	-20.62	peak
4	10972.000	14.11	39.37	53.52	48.57	48.53	74.00	-25.47	peak
5	11650.000	14.69	39.55	53.69	48.31	48.86	74.00	-25.14	peak
6	pp17475.000	18.35	40.78	54.40	45.70	50.43	68.20	-17.77	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

Limit:

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

*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, 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.

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 24.5 °C

Humidity: 50.8 % RH

Atmospheric Pressure: 1020 mbar



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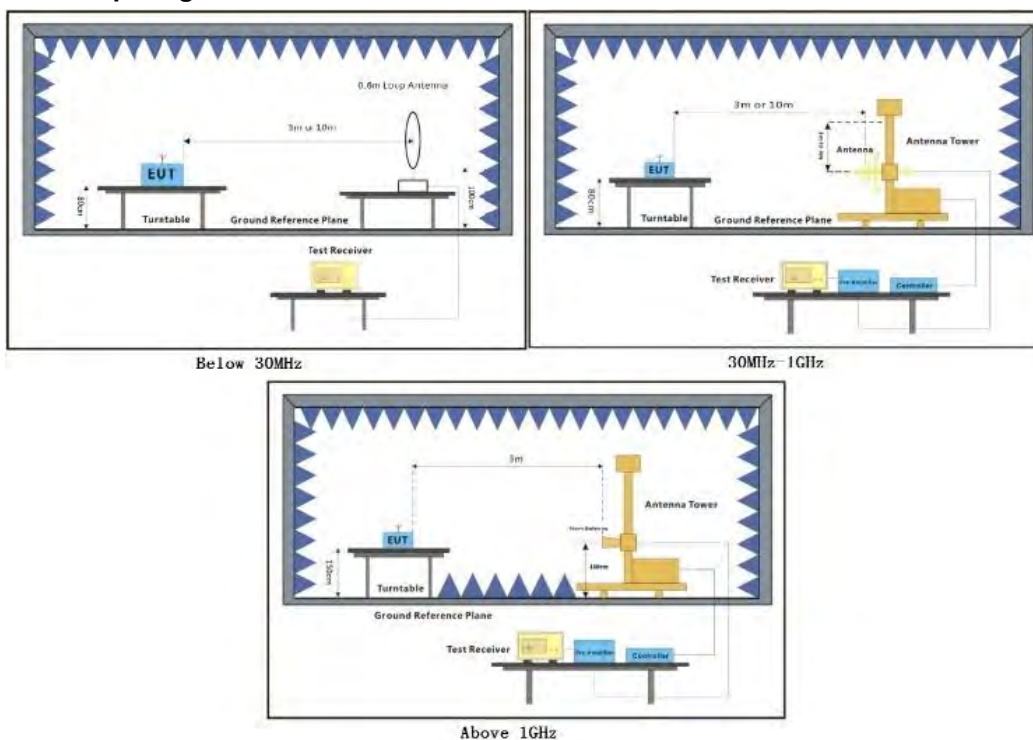
Report No.: SZCR241100451006

Page: 88 of 760

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	13	TX mode_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 802.11n/ac/ax 20/40/80M, Only the data of worst case is recorded in the report.

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.



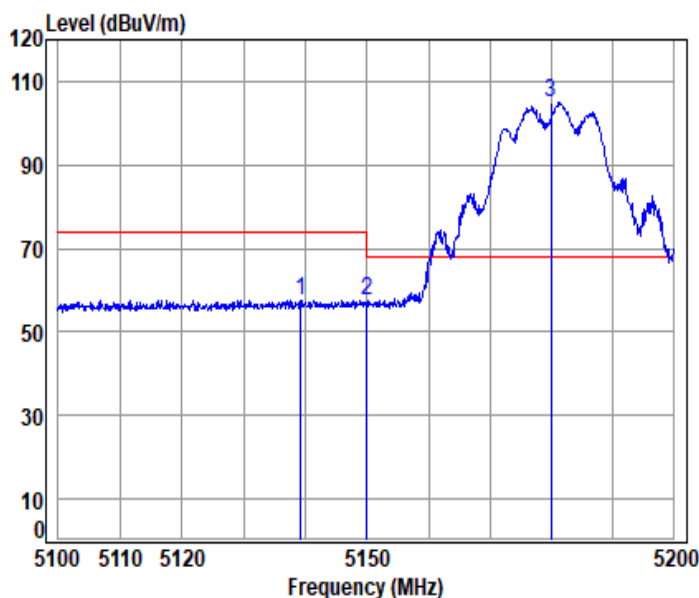
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 90 of 760

11a_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 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	5139.168	10.10	32.38	30.84	46.00	57.64	74.00	-16.36	peak
2	5149.980	10.14	32.40	30.84	45.67	57.37	74.00	-16.63	peak
3 pp	5180.000	10.25	32.46	30.83	93.01	104.89	68.20	36.69	peak



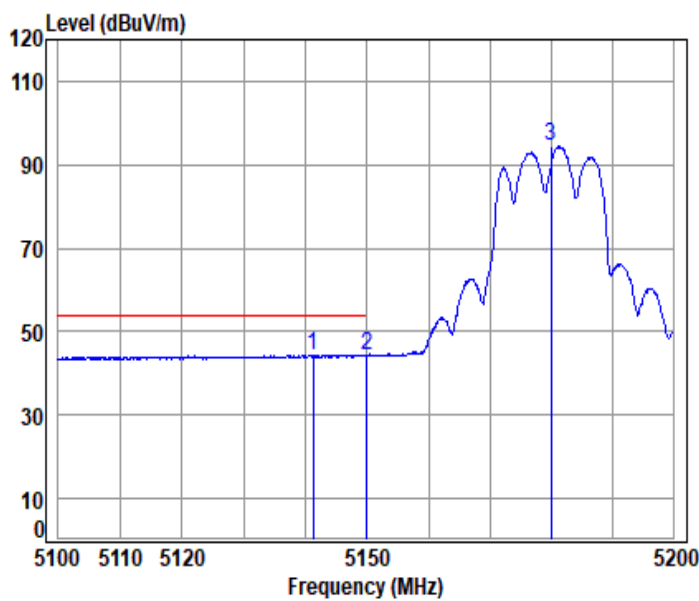
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11a_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 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	5141.265	10.11	32.38	30.84	32.69	44.34	54.00	-9.66	Average
2	pp 5149.980	10.14	32.40	30.84	32.74	44.44	54.00	-9.56	Average
3	5180.000	10.25	32.46	30.83	82.40	94.28	-----	-----	Average



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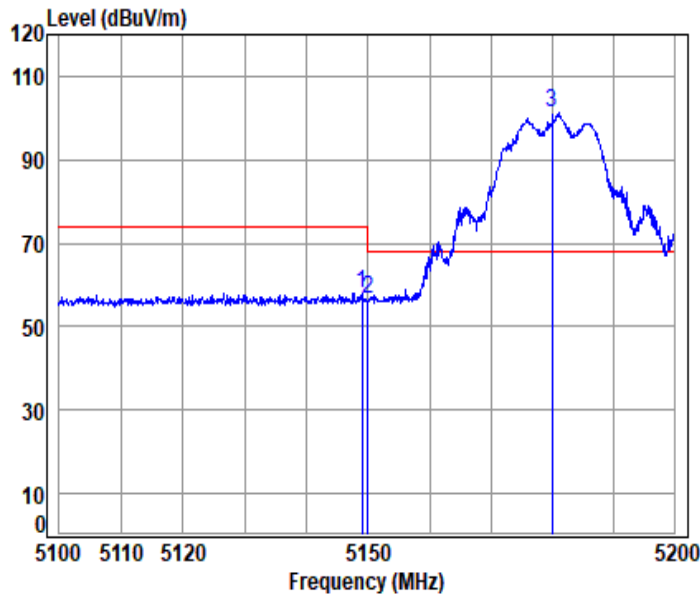
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 92 of 760

11a_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 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	5149.057	10.14	32.40	30.84	46.41	58.11	74.00	-15.89 peak
2	5149.980	10.14	32.40	30.84	44.86	56.56	74.00	-17.44 peak
3 pp	5180.000	10.25	32.46	30.83	89.23	101.11	68.20	32.91 peak



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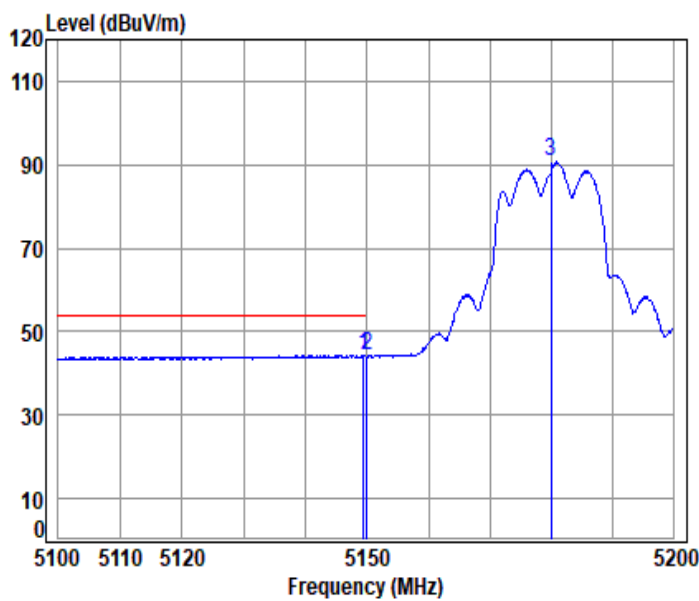
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 93 of 760

11a_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 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	5149.357	10.14	32.40	30.84	32.66	44.36	54.00	-9.64	Average
2	5149.980	10.14	32.40	30.84	32.43	44.13	54.00	-9.87	Average
3	5180.000	10.25	32.46	30.83	78.71	90.59	-----	-----	Average



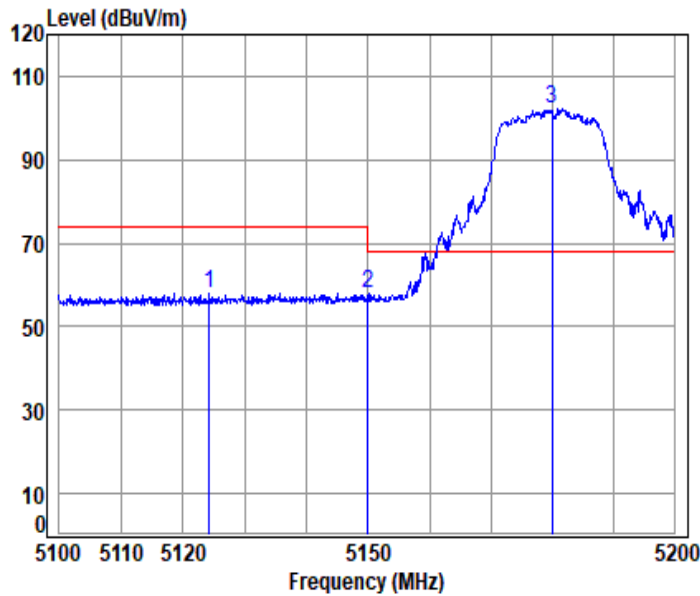
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11ac_HT(20M)_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

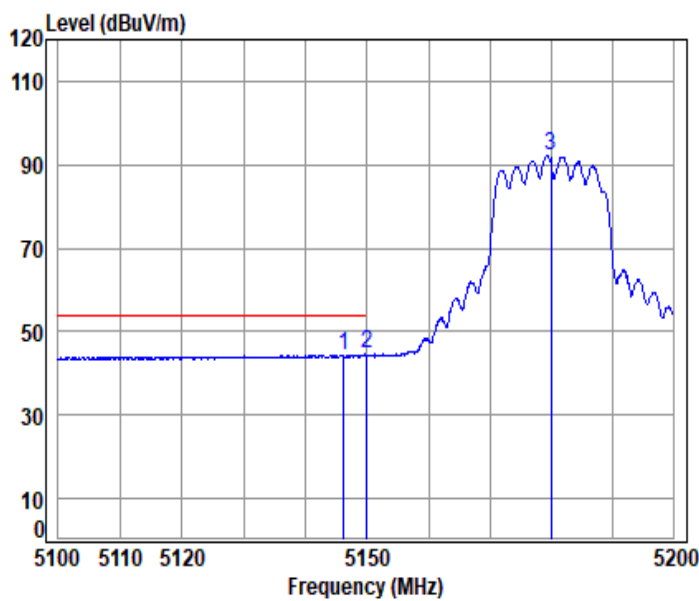
Mode : 5180 Band edge

: 5G Wi-Fi 11ac20 MIMO

		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	5124.221	10.04	32.35	30.85	46.60	58.14	74.00	-15.86	peak
2	5149.980	10.14	32.40	30.84	46.10	57.80	74.00	-16.20	peak
3 pp	5180.000	10.25	32.46	30.83	90.20	102.08	68.20	33.88	peak



11ac_HT(20M)_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ac20 MIMO

		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	5146.258	10.13	32.39	30.84	32.65	44.33	54.00	-9.67	Average
2	pp 5149.980	10.14	32.40	30.84	32.86	44.56	54.00	-9.44	Average
3	5180.000	10.25	32.46	30.83	80.43	92.31	-----	-----	Average



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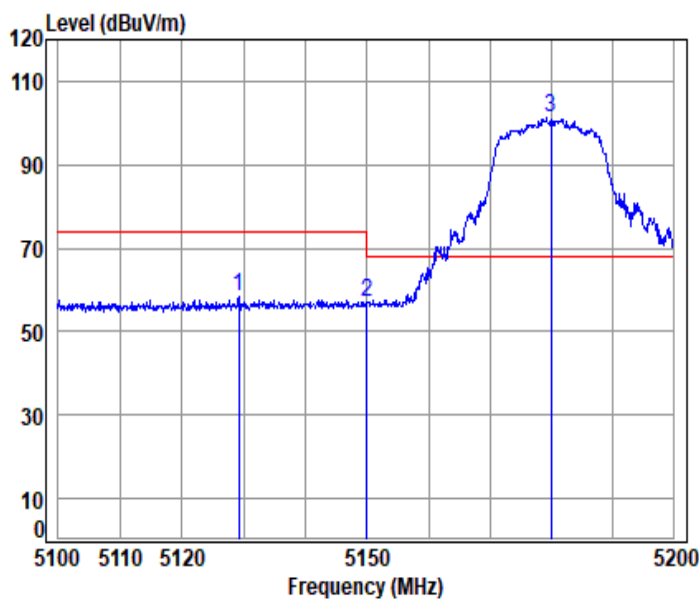
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 96 of 760

11ac_HT(20M)_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ac20 MIMO

		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	5129.199	10.06	32.36	30.85	46.79	58.36	74.00	-15.64	peak
2	5149.980	10.14	32.40	30.84	45.47	57.17	74.00	-16.83	peak
3 pp	5180.000	10.25	32.46	30.83	89.55	101.43	68.20	33.23	peak



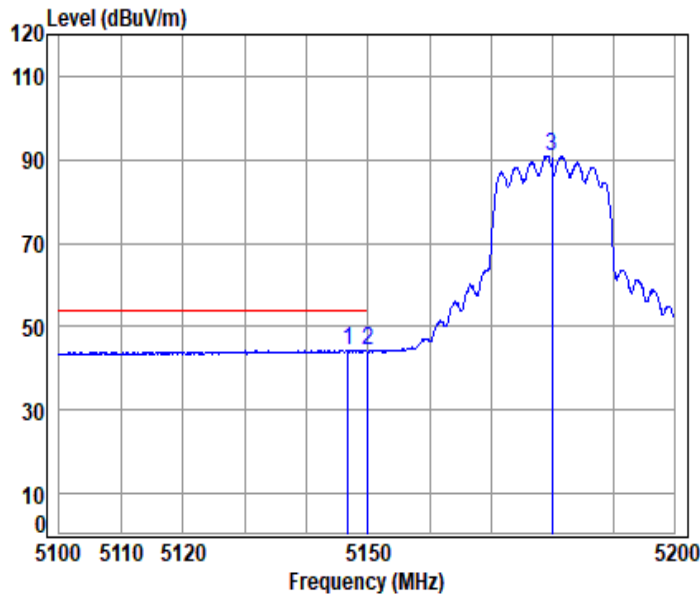
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11ac_HT(20M)_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ac20 MIMO

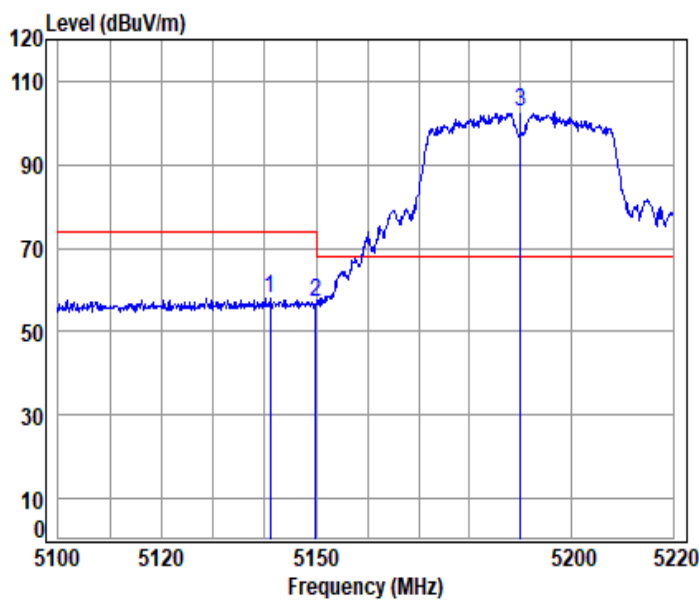
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.758	10.13	32.39	30.84	32.74	44.42	54.00	-9.58	Average
2	5149.980	10.14	32.40	30.84	32.74	44.44	54.00	-9.56	Average
3	5180.000	10.25	32.46	30.83	79.10	90.98	-----	-----	Average



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11ac_HT(40M)_TX_CH_38_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

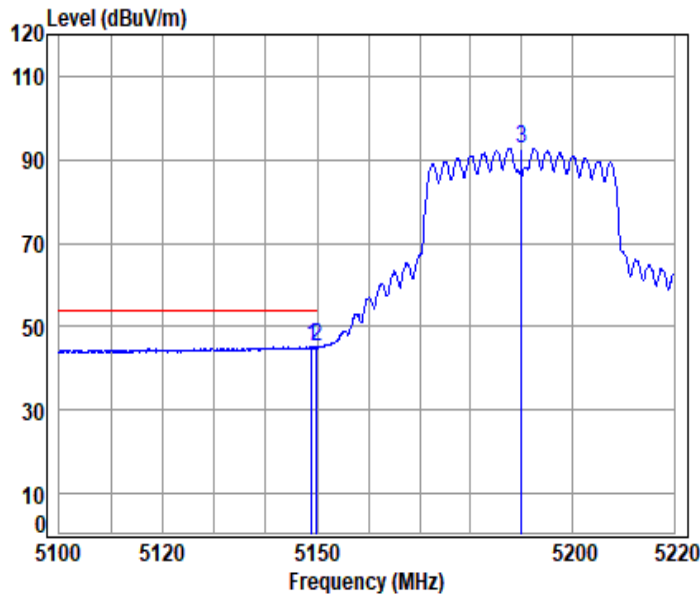
Mode : 5190 Band edge

: 5G Wi-Fi 11ac40 MIMO

		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	5141.085	10.11	32.38	30.84	46.43	58.08	74.00	-15.92	peak
2	5149.980	10.14	32.40	30.84	45.22	56.92	74.00	-17.08	peak
3 pp	5190.000	10.29	32.48	30.82	90.67	102.62	68.20	34.42	peak



11ac_HT(40M)_TX_CH_38_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

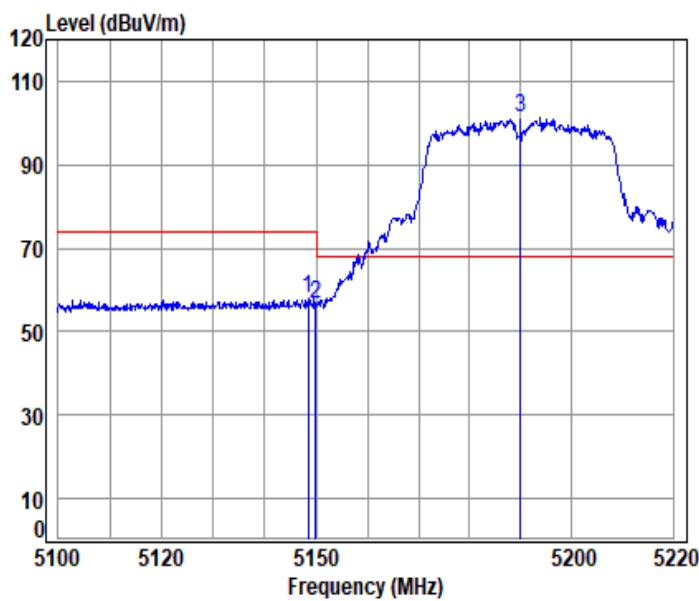
Mode : 5190 Band edge

: 5G Wi-Fi 11ac40 MIMO

	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 5148.982	10.14	32.40	30.84	33.47	45.17	54.00	-8.83	Average
2 5149.980	10.14	32.40	30.84	33.40	45.10	54.00	-8.90	Average
3 5190.000	10.29	32.48	30.82	80.67	92.62	-----	-----	Average



11ac_HT(40M)_TX_CH_38_Verical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

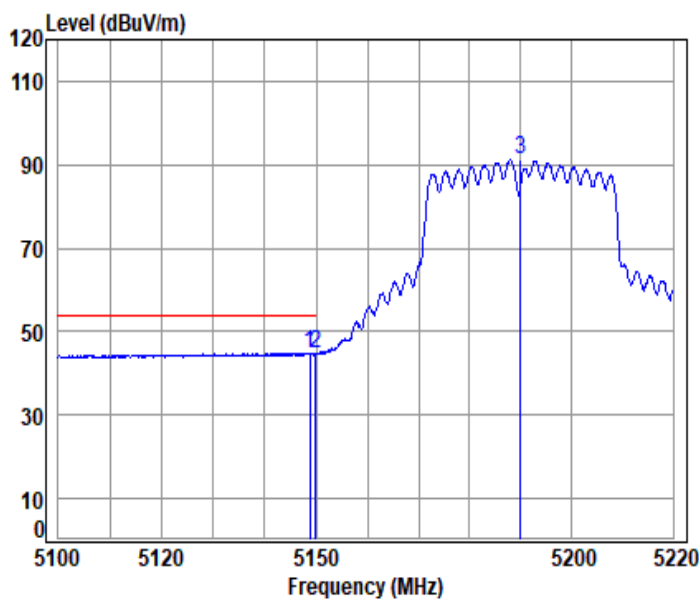
Mode : 5190 Band edge

: 5G Wi-Fi 11ac40 MIMO

		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	5148.503	10.13	32.40	30.84	46.11	57.80	74.00	-16.20 peak
2	5149.980	10.14	32.40	30.84	44.71	56.41	74.00	-17.59 peak
3 pp	5190.000	10.29	32.48	30.82	89.15	101.10	68.20	32.90 peak



11ac_HT(40M)_TX_CH_38_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5190 Band edge

: 5G Wi-Fi 11ac40 MIMO

		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	5148.743	10.14	32.40	30.84	33.24	44.94	54.00	-9.06 Average
2	5149.980	10.14	32.40	30.84	33.10	44.80	54.00	-9.20 Average
3	5190.000	10.29	32.48	30.82	79.17	91.12	-----	----- Average



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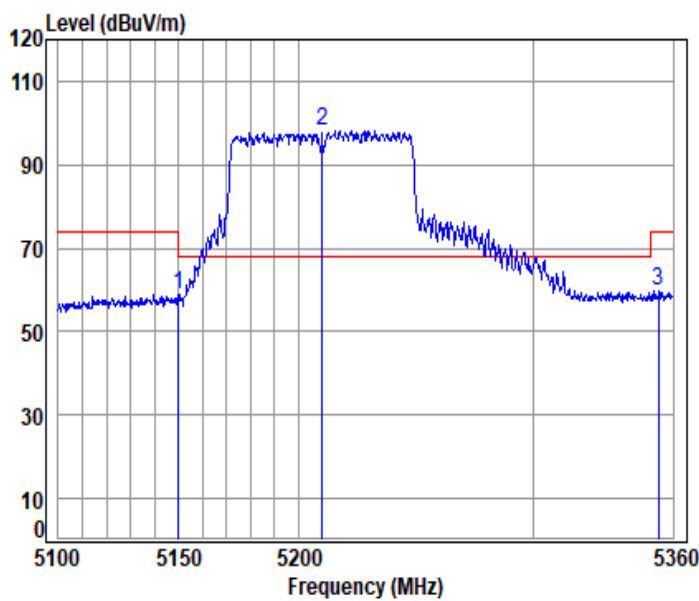
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 102 of 760

11ac_VHT(80M)_TX_CH_42_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5210 Band edge

: 5G Wi-Fi 11ac80 MIMO

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.947	10.14	32.40	30.84	47.31	59.01	74.00	-14.99 peak
2 pp	5210.000	10.32	32.52	30.82	86.25	98.27	68.20	30.07 peak
3	5353.874	10.46	32.80	30.76	47.46	59.96	74.00	-14.04 peak



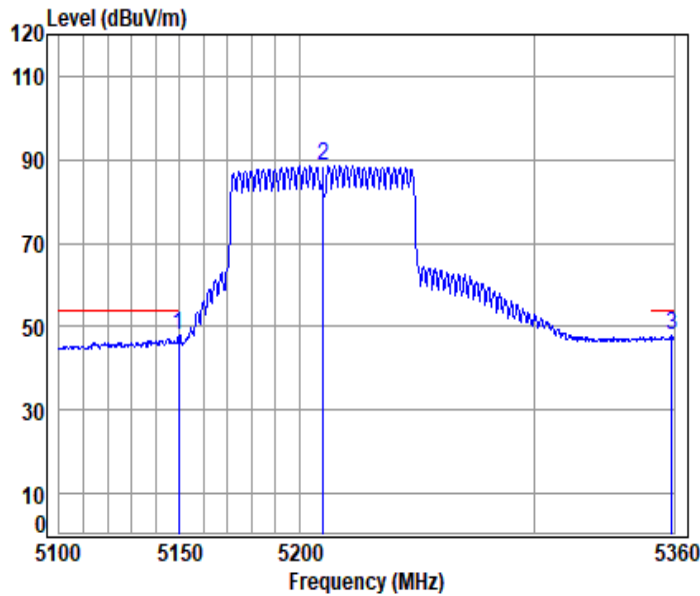
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11ac_VHT(80M)_TX_CH_42_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

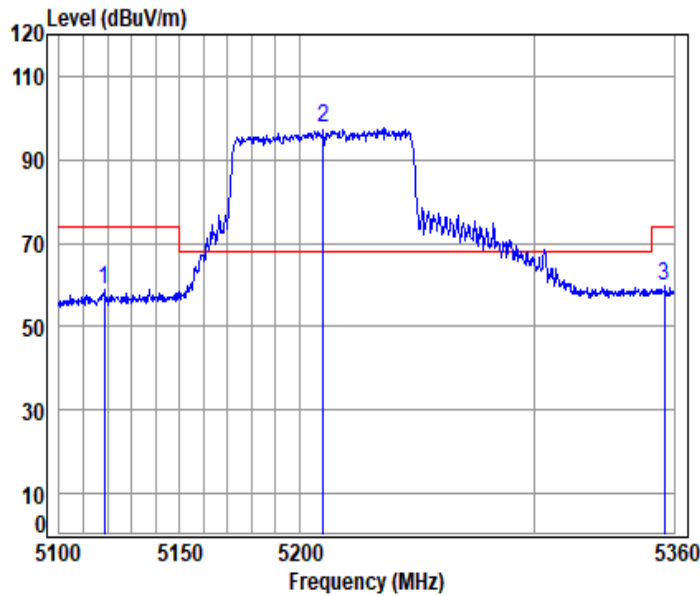
Mode : 5210 Band edge

: 5G Wi-Fi 11ac80 MIMO

		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	5149.435	10.14	32.40	30.84	36.09	47.79	54.00	-6.21 Average
2	5210.000	10.32	32.52	30.82	76.55	88.57	-----	----- Average
3	5359.201	10.48	32.80	30.76	35.17	47.69	54.00	-6.31 Average



11ac_VHT(80M)_TX_CH_42_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

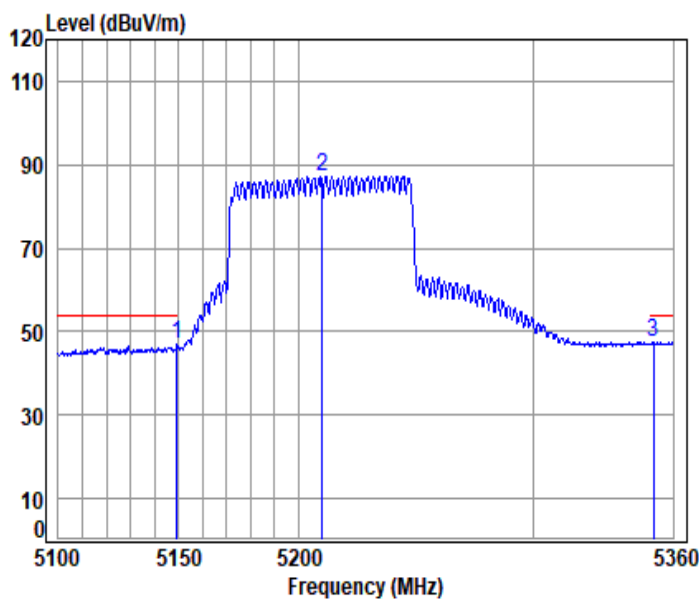
Mode : 5210 Band edge

: 5G Wi-Fi 11ac80 MIMO

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5118.546	10.02	32.34	30.85	47.53	59.04	74.00	-14.96 peak
2 pp	5210.000	10.32	32.52	30.82	85.41	97.43	68.20	29.23 peak
3	5356.004	10.47	32.80	30.76	47.38	59.89	74.00	-14.11 peak



11ac_VHT(80M)_TX_CH_42_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

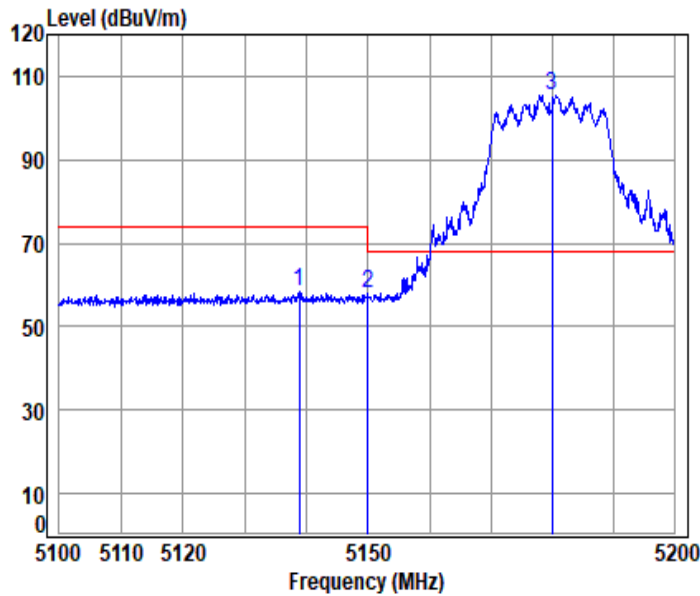
Mode : 5210 Band edge

: 5G Wi-Fi 11ac80 MIMO

		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	5149.178	10.14	32.40	30.84	35.31	47.01	54.00	-6.99 Average
2	5210.000	10.32	32.52	30.82	75.35	87.37	-----	----- Average
3 pp	5351.478	10.46	32.80	30.76	34.99	47.49	54.00	-6.51 Average



11ax_20M_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20 MIMO

		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	5138.769	10.10	32.38	30.84	46.88	58.52	74.00	-15.48 peak
2	5149.980	10.14	32.40	30.84	46.22	57.92	74.00	-16.08 peak
3 pp	5180.000	10.25	32.46	30.83	93.71	105.59	68.20	37.39 peak



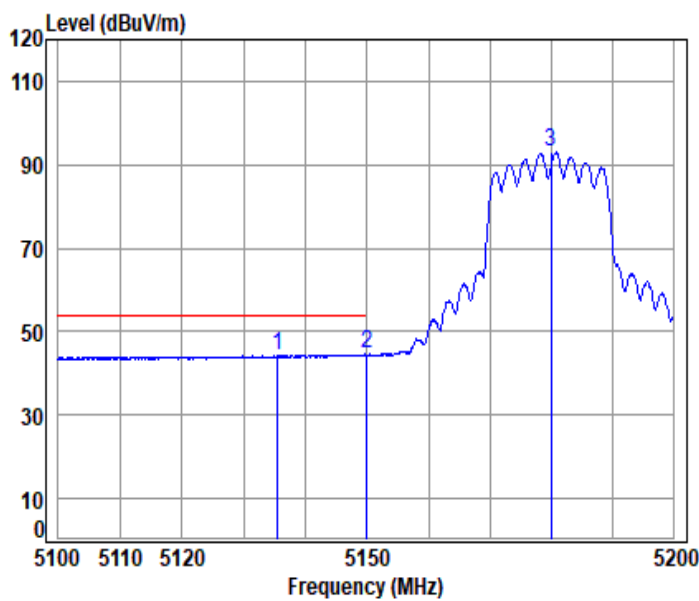
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 107 of 760

11ax_20M_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20 MIMO

		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	5135.478	10.08	32.37	30.85	32.83	44.43	54.00	-9.57	Average
2	pp 5149.980	10.14	32.40	30.84	32.80	44.50	54.00	-9.50	Average
3	5180.000	10.25	32.46	30.83	81.02	92.90	-----	-----	Average



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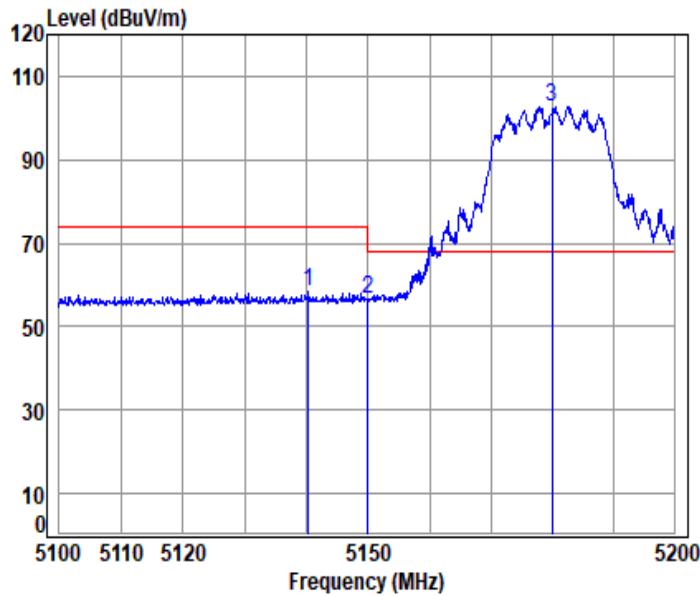
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 108 of 760

11ax_20M_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20 MIMO

		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	5140.266	10.10	32.38	30.84	46.83	58.47	74.00	-15.53	peak
2	5149.980	10.14	32.40	30.84	45.01	56.71	74.00	-17.29	peak
3 pp	5180.000	10.25	32.46	30.83	90.95	102.83	68.20	34.63	peak



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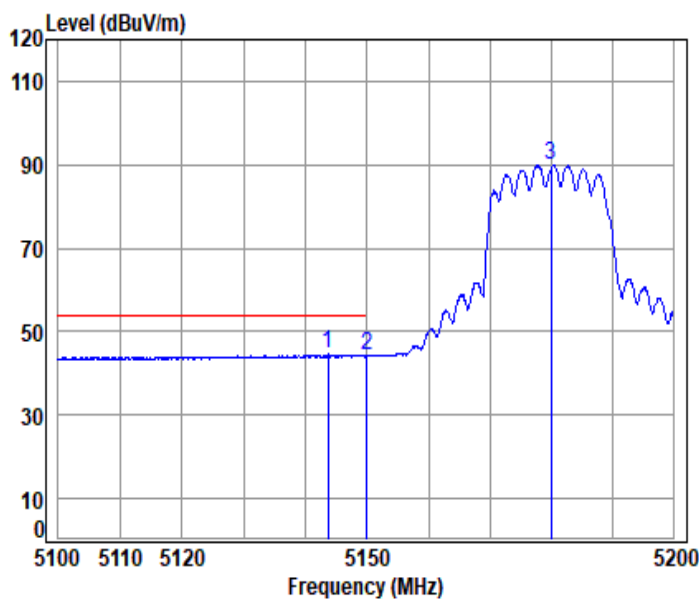
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Report No.: SZCR241100451006

Page: 109 of 760

11ax_20M_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20 MIMO

		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 5143.661	10.12	32.39	30.84	32.82	44.49	54.00	-9.51	Average
2	5149.980	10.14	32.40	30.84	32.78	44.48	54.00	-9.52	Average
3	5180.000	10.25	32.46	30.83	78.19	90.07	-----	-----	Average



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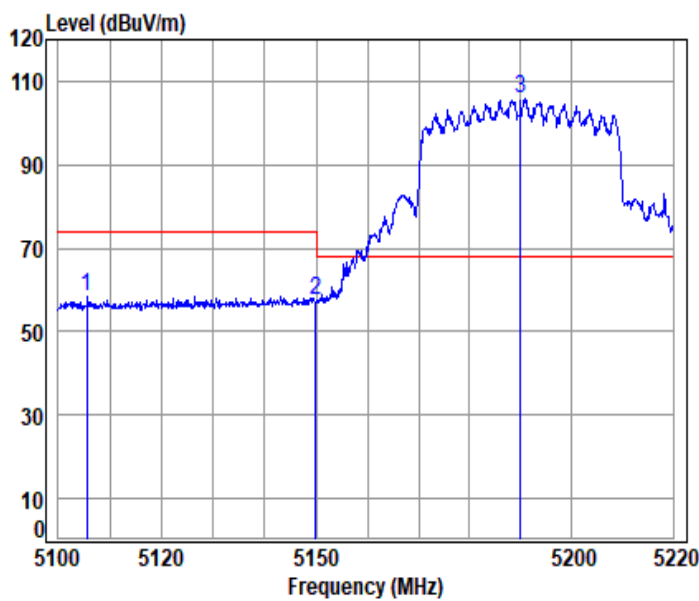
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Report No.: SZCR241100451006

Page: 110 of 760

11ax_40M_TX_CH_38_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5190 Band edge

: 5G Wi-Fi 11ax40 MIMO

		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	5105.578	9.97	32.31	30.86	47.01	58.43	74.00	-15.57 peak
2	5149.980	10.14	32.40	30.84	46.02	57.72	74.00	-16.28 peak
3 pp	5190.000	10.29	32.48	30.82	93.89	105.84	68.20	37.64 peak



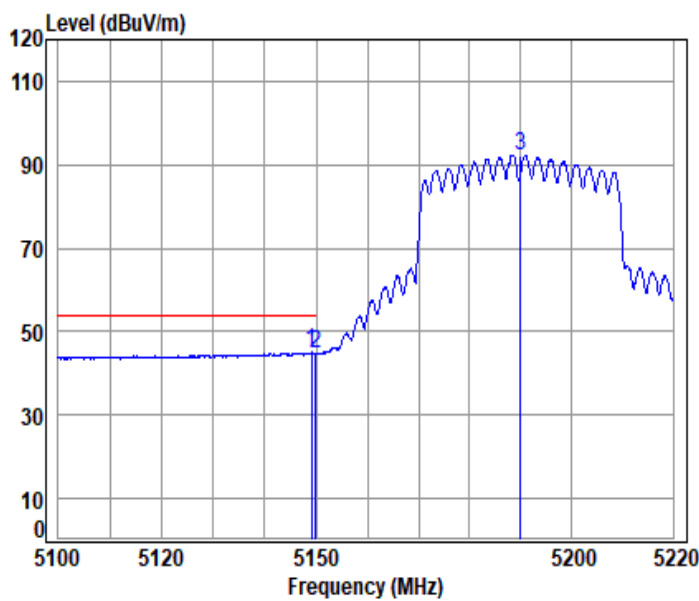
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11ax_40M_TX_CH_38_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

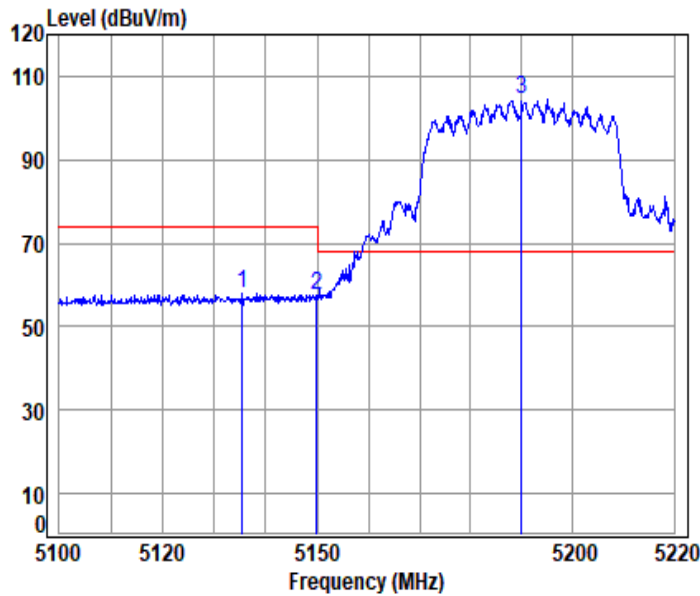
Mode : 5190 Band edge

: 5G Wi-Fi 11ax40 MIMO

	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 5149.102	10.14	32.40	30.84	33.26	44.96	54.00	-9.04	Average
2 5149.980	10.14	32.40	30.84	33.04	44.74	54.00	-9.26	Average
3 5190.000	10.29	32.48	30.82	80.44	92.39	-----	-----	Average



11ax_40M_TX_CH_38_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5190 Band edge

: 5G Wi-Fi 11ax40 MIMO

		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	5135.469	10.08	32.37	30.85	46.45	58.05	74.00	-15.95 peak
2	5149.980	10.14	32.40	30.84	45.64	57.34	74.00	-16.66 peak
3 pp	5190.000	10.29	32.48	30.82	92.37	104.32	68.20	36.12 peak



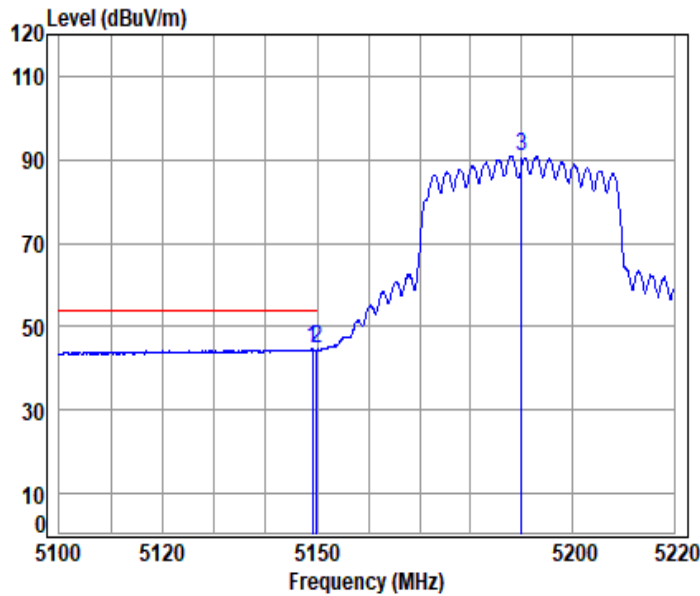
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11ax_40M_TX_CH_38_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5190 Band edge

: 5G Wi-Fi 11ax40 MIMO

	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 5149.102	10.14	32.40	30.84	32.85	44.55	54.00	-9.45	Average
2 5149.980	10.14	32.40	30.84	32.80	44.50	54.00	-9.50	Average
3 5190.000	10.29	32.48	30.82	78.88	90.83	-----	-----	Average



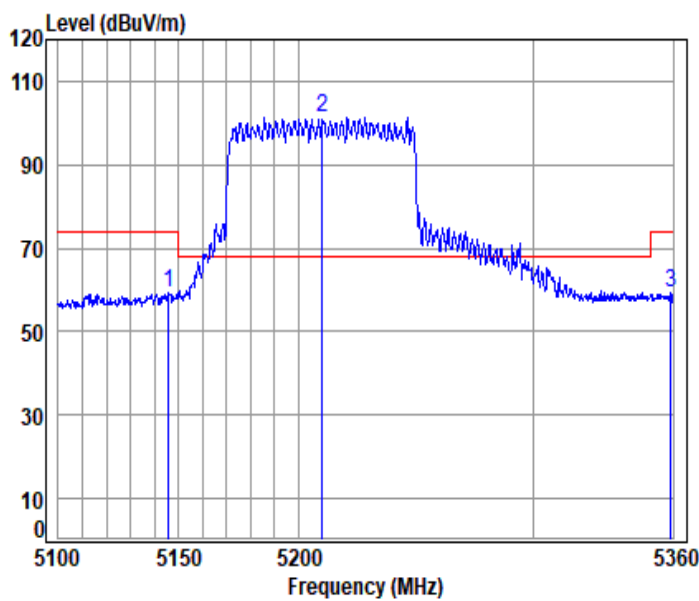
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 114 of 760

11ax_80M_TX_CH_42_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5210 Band edge

: 5G Wi-Fi 11ax80 MIMO

		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	5145.851	10.12	32.39	30.84	47.83	59.50	74.00	-14.50	peak
2 pp	5210.000	10.32	32.52	30.82	89.48	101.50	68.20	33.30	peak
3	5358.934	10.48	32.80	30.76	46.72	59.24	74.00	-14.76	peak



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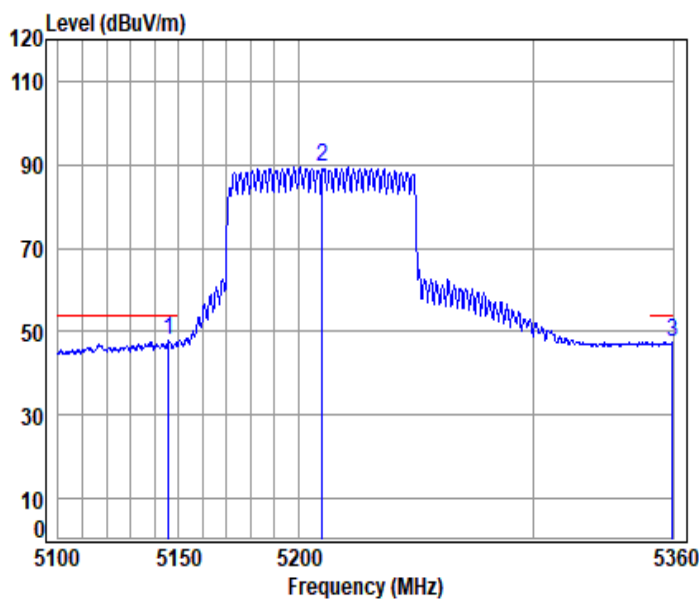
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Report No.: SZCR241100451006

Page: 115 of 760

11ax_80M_TX_CH_42_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5210 Band edge

: 5G Wi-Fi 11ax80 MIMO

		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	5145.595	10.12	32.39	30.84	36.25	47.92	54.00	-6.08 Average
2	5210.000	10.32	32.52	30.82	77.33	89.35	-----	----- Average
3	5359.733	10.48	32.80	30.76	34.83	47.35	54.00	-6.65 Average



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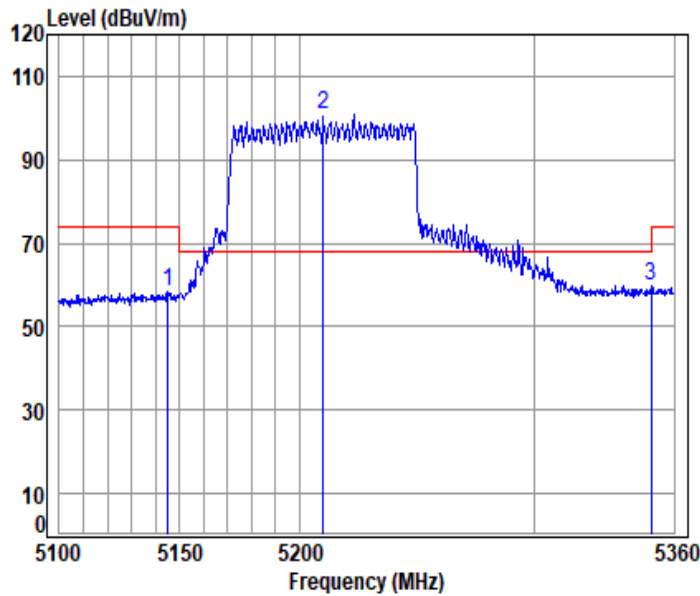
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Report No.: SZCR241100451006

Page: 116 of 760

11ax_80M_TX_CH_42_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5210 Band edge

: 5G Wi-Fi 11ax80 MIMO

		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	5145.083	10.12	32.39	30.84	46.71	58.38	74.00	-15.62	peak
2 pp	5210.000	10.32	32.52	30.82	88.95	100.97	68.20	32.77	peak
3	5350.148	10.45	32.80	30.76	47.17	59.66	74.00	-14.34	peak



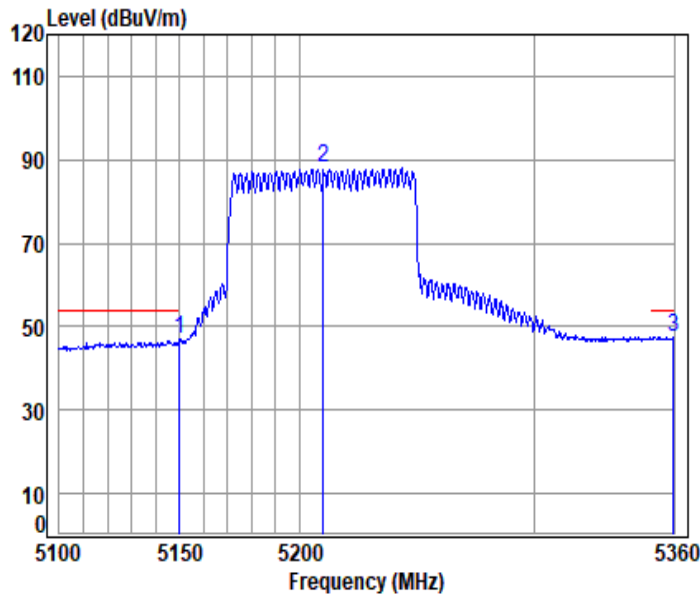
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11ax_80M_TX_CH_42_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5210 Band edge

: 5G Wi-Fi 11ax80 MIMO

		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	5149.947	10.14	32.40	30.84	35.25	46.95	54.00	-7.05 Average
2	5210.000	10.32	32.52	30.82	75.86	87.88	-----	----- Average
3 pp	5359.733	10.48	32.80	30.76	35.02	47.54	54.00	-6.46 Average



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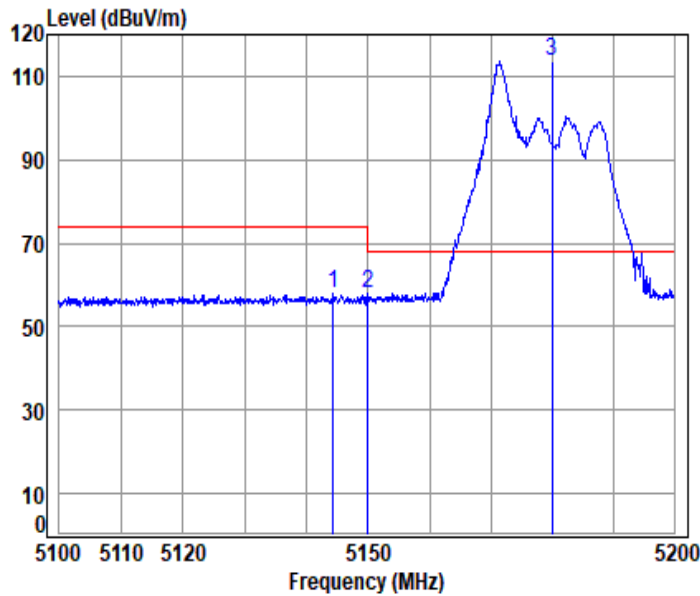
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 118 of 760

11ax_20M_Partial_RU26_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20_RU26 MIMO

		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	5144.260	10.12	32.39	30.84	46.12	57.79	74.00	-16.21 peak
2	5149.980	10.14	32.40	30.84	46.22	57.92	74.00	-16.08 peak
3 pp	5180.000	10.25	32.46	30.83	101.61	113.49	68.20	45.29 peak



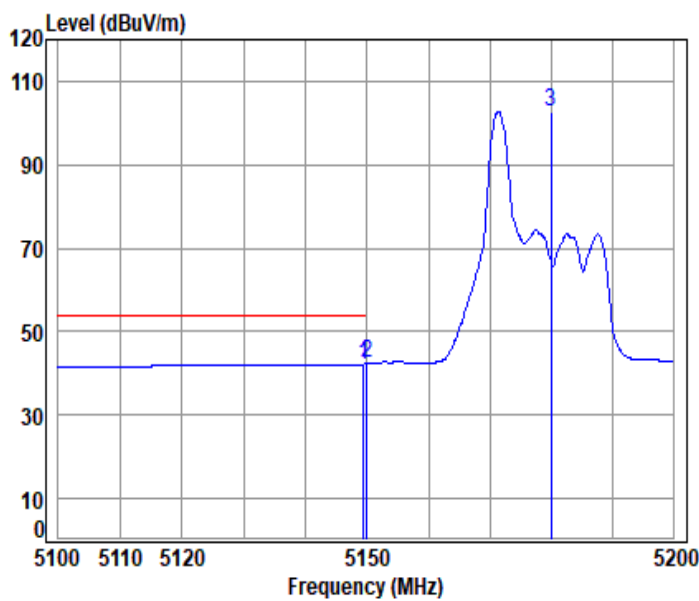
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11ax_20M_Partial_RU26_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

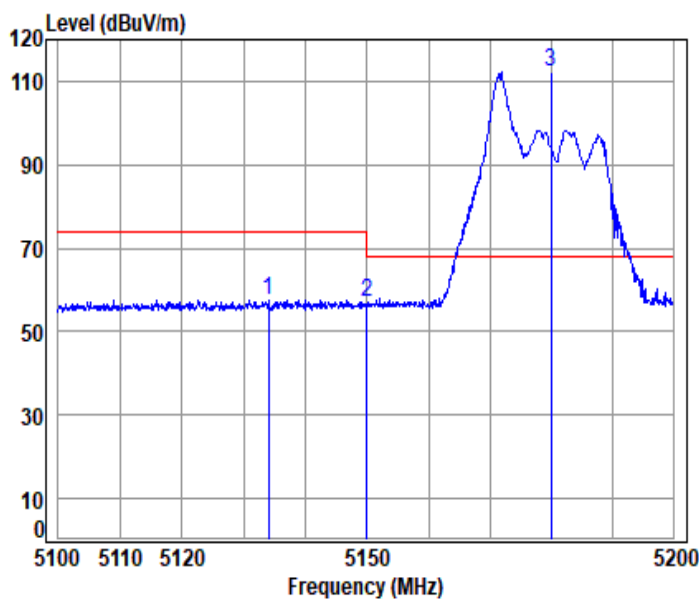
Mode : 5180 Band edge

: 5G Wi-Fi 11ax20_RU26 MIMO

		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	5149.458	10.14	32.40	30.84	30.50	42.20	54.00	-11.80 Average
2	pp 5149.980	10.14	32.40	30.84	30.57	42.27	54.00	-11.73 Average
3	5180.000	10.25	32.46	30.83	90.74	102.62	-----	----- Average



11ax_20M_Partial_RU26_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20_RU26 MIMO

		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	5133.982	10.08	32.37	30.85	46.05	57.65	74.00	-16.35 peak
2	5149.980	10.14	32.40	30.84	45.15	56.85	74.00	-17.15 peak
3 pp	5180.000	10.25	32.46	30.83	100.27	112.15	68.20	43.95 peak



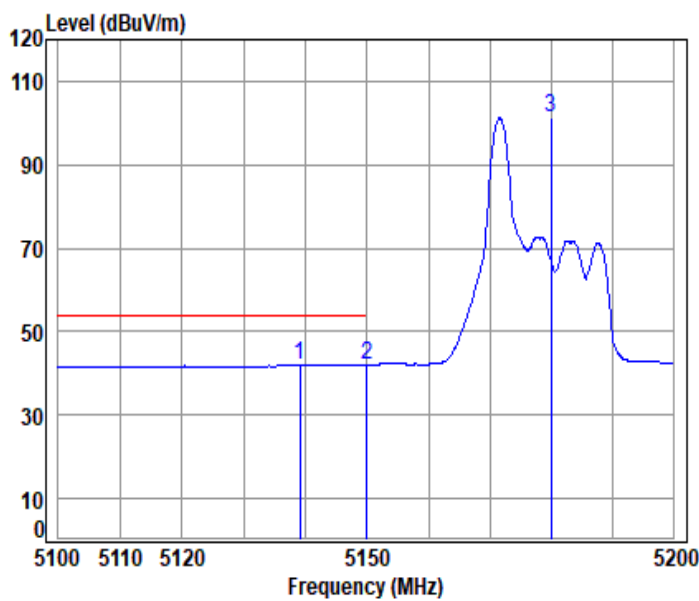
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Report No.: SZCR241100451006

Page: 121 of 760

11ax_20M_Partial_RU26_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20_RU26 MIMO

		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	5139.068	10.10	32.38	30.84	30.33	41.97	54.00	-12.03 Average
2	pp 5149.980	10.14	32.40	30.84	30.33	42.03	54.00	-11.97 Average
3	5180.000	10.25	32.46	30.83	89.20	101.08	-----	----- Average



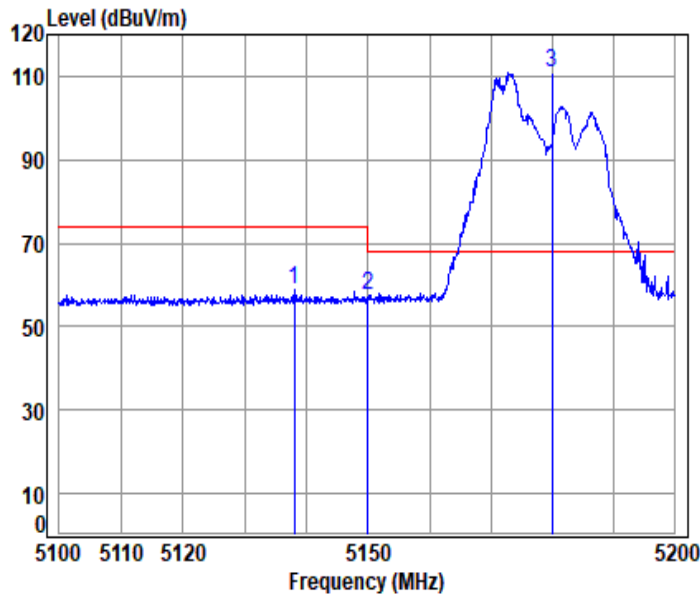
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11ax_20M_Partial_RU52_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

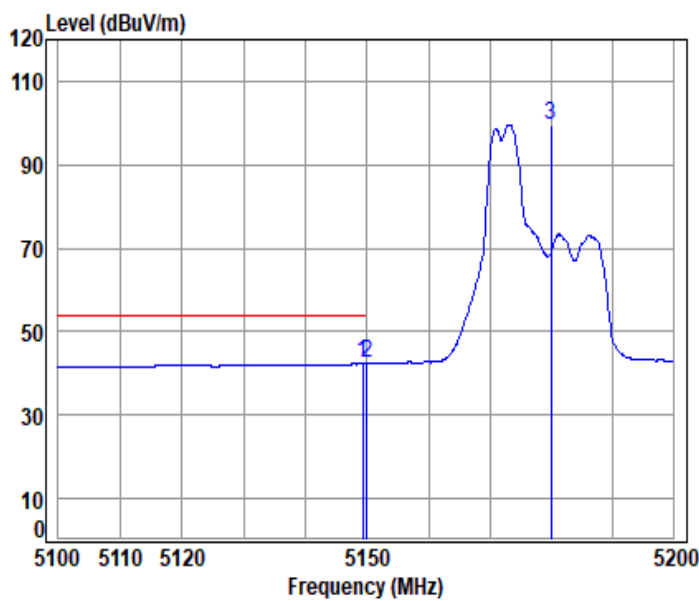
Mode : 5180 Band edge

: 5G Wi-Fi 11ax20_RU52 MIMO

		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	5137.971	10.09	32.38	30.84	47.00	58.63	74.00	-15.37 peak
2	5149.980	10.14	32.40	30.84	45.91	57.61	74.00	-16.39 peak
3 pp	5180.000	10.25	32.46	30.83	98.86	110.74	68.20	42.54 peak



11ax_20M_Partial_RU52_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20_RU52 MIMO

		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	5149.257	10.14	32.40	30.84	30.58	42.28	54.00	-11.72	Average
2	5149.980	10.14	32.40	30.84	30.57	42.27	54.00	-11.73	Average
3	5180.000	10.25	32.46	30.83	87.76	99.64	-----	-----	Average



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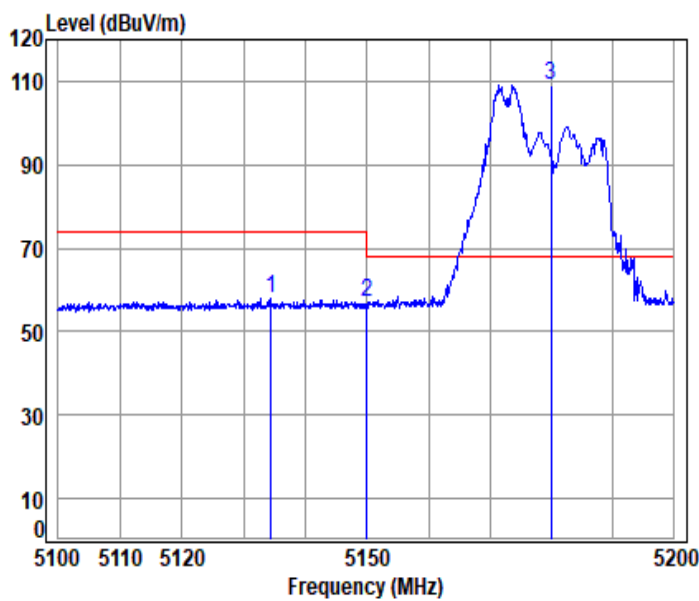
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Report No.: SZCR241100451006

Page: 124 of 760

11ax_20M_Partial_RU52_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20_RU52 MIMO

		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	5134.380	10.08	32.37	30.85	46.53	58.13	74.00	-15.87 peak
2	5149.980	10.14	32.40	30.84	45.16	56.86	74.00	-17.14 peak
3 pp	5180.000	10.25	32.46	30.83	97.31	109.19	68.20	40.99 peak



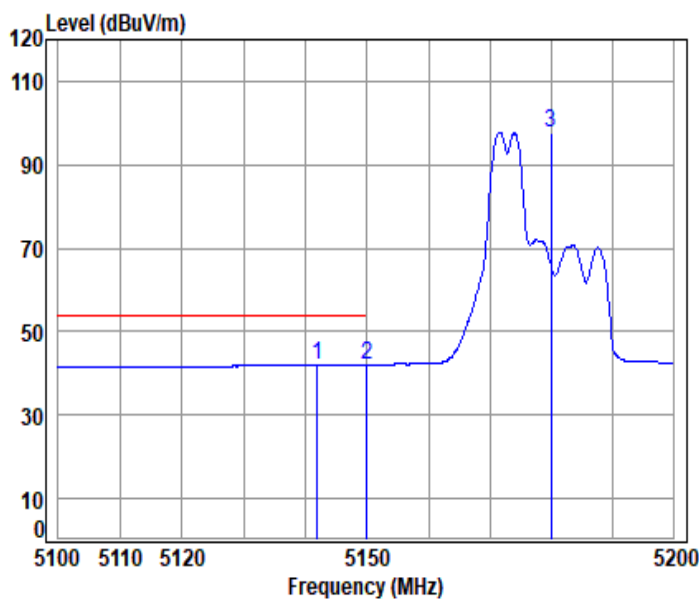
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11ax_20M_Partial_RU52_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20_RU52 MIMO

	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	
5141.863	10.11	32.38	30.84	30.37	42.02	54.00	-11.98	Average
5149.980	10.14	32.40	30.84	30.36	42.06	54.00	-11.94	Average
5180.000	10.25	32.46	30.83	85.90	97.78	-----	-----	Average



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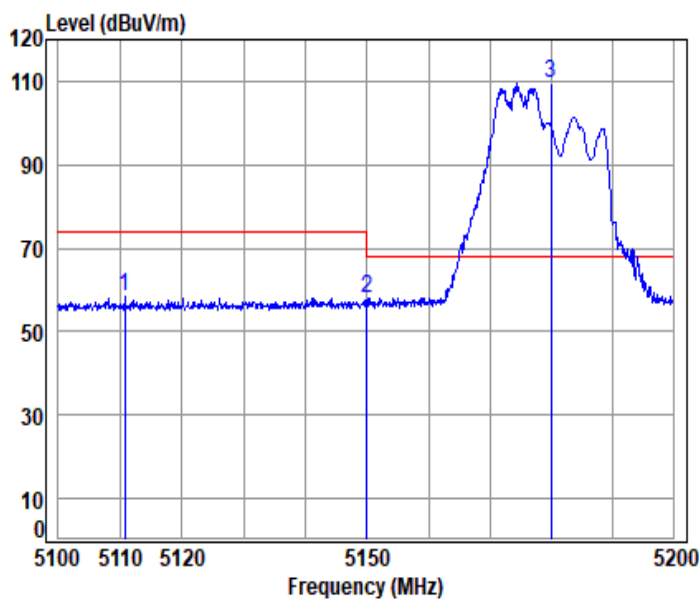
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Report No.: SZCR241100451006

Page: 126 of 760

11ax_20M_Partial_RU106_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20_RU106 MIMO

		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	5110.707	9.99	32.32	30.86	46.79	58.24	74.00	-15.76 peak
2	5149.980	10.14	32.40	30.84	46.14	57.84	74.00	-16.16 peak
3 pp	5180.000	10.25	32.46	30.83	97.53	109.41	68.20	41.21 peak



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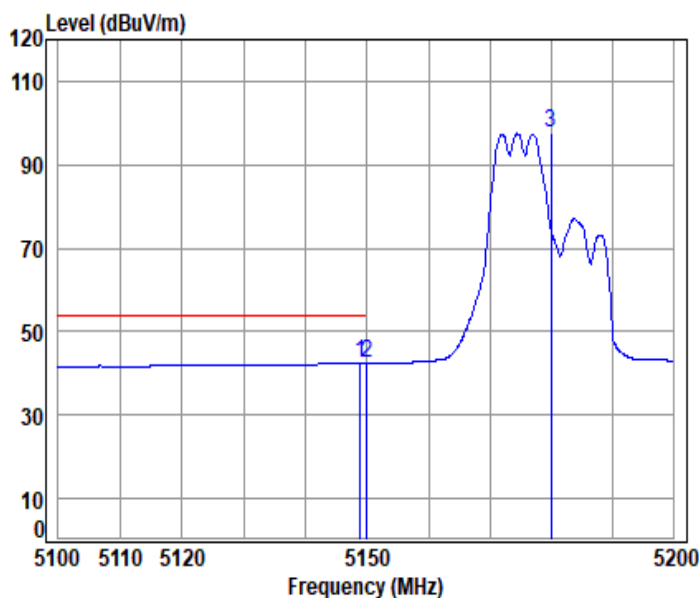
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Report No.: SZCR241100451006

Page: 127 of 760

11ax_20M_Partial_RU106_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20_RU106 MIMO

		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	5148.857	10.14	32.40	30.84	30.66	42.36	54.00	-11.64	Average
2 pp	5149.980	10.14	32.40	30.84	30.70	42.40	54.00	-11.60	Average
3	5180.000	10.25	32.46	30.83	85.55	97.43	-----	-----	Average



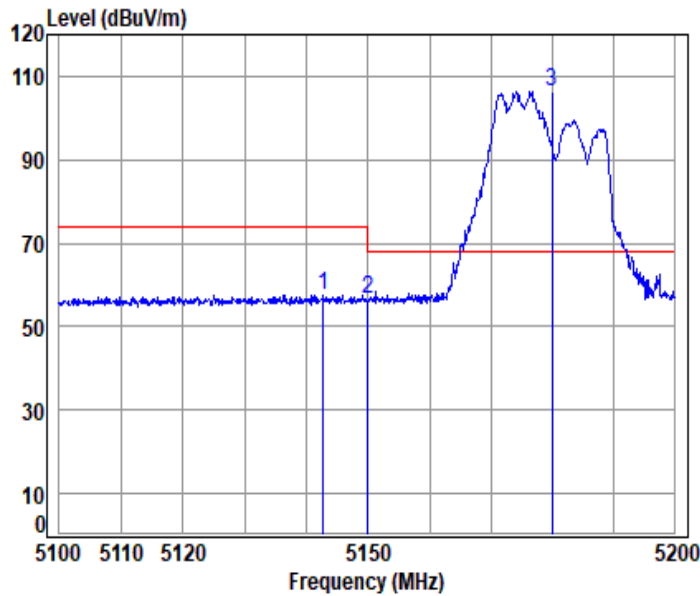
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11ax_20M_Partial_RU106_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

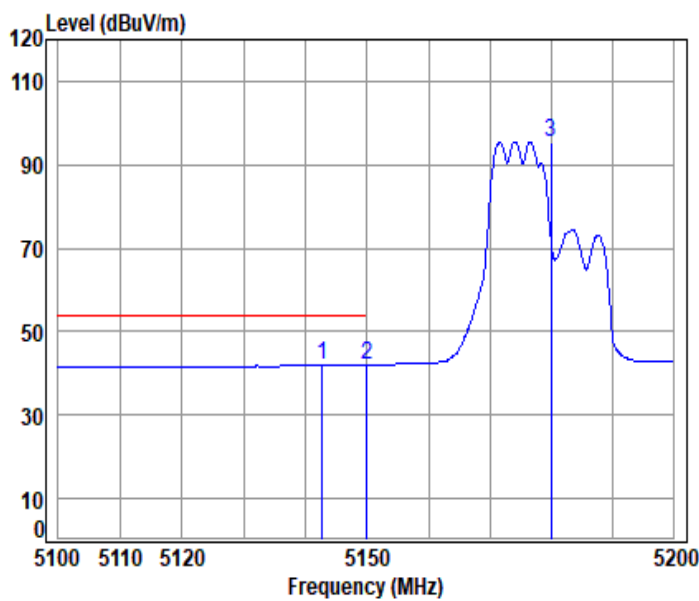
Mode : 5180 Band edge

: 5G Wi-Fi 11ax20_RU106 MIMO

		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	5142.662	10.11	32.39	30.84	45.95	57.61	74.00	-16.39 peak
2	5149.980	10.14	32.40	30.84	44.93	56.63	74.00	-17.37 peak
3 pp	5180.000	10.25	32.46	30.83	94.40	106.28	68.20	38.08 peak



11ax_20M_Partial_RU106_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

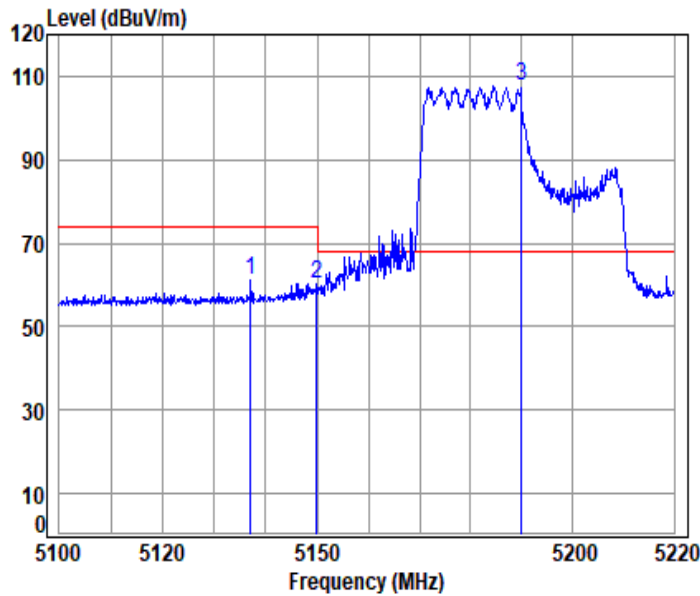
Mode : 5180 Band edge

: 5G Wi-Fi 11ax20_RU106 MIMO

		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	5142.662	10.11	32.39	30.84	30.36	42.02	54.00	-11.98 Average
2	pp 5149.980	10.14	32.40	30.84	30.36	42.06	54.00	-11.94 Average
3	5180.000	10.25	32.46	30.83	83.57	95.45	-----	----- Average



11ax_40M_Partial_RU242_TX_CH_38_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5190 Band edge

: 5G Wi-Fi 11ax40_RU242 MIMO

		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	5137.021	10.09	32.37	30.85	49.52	61.13	74.00	-12.87 peak
2	5149.980	10.14	32.40	30.84	48.74	60.44	74.00	-13.56 peak
3 pp	5190.000	10.29	32.48	30.82	95.80	107.75	68.20	39.55 peak



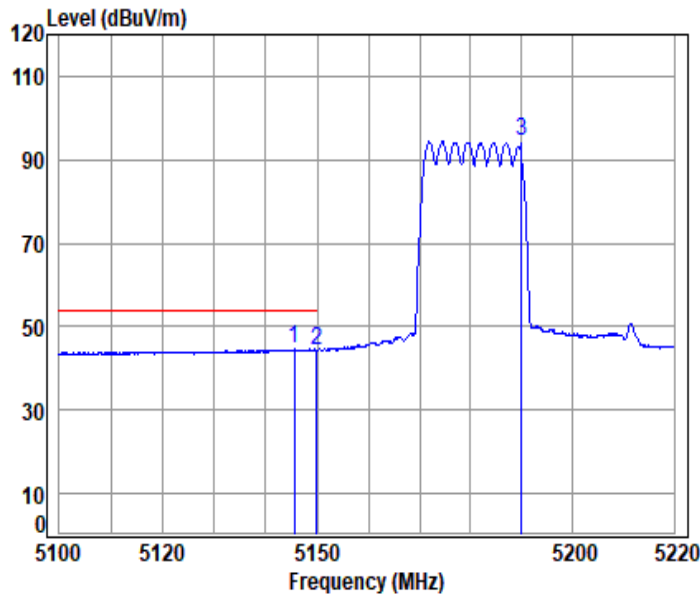
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11ax_40M_Partial_RU242_TX_CH_38_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

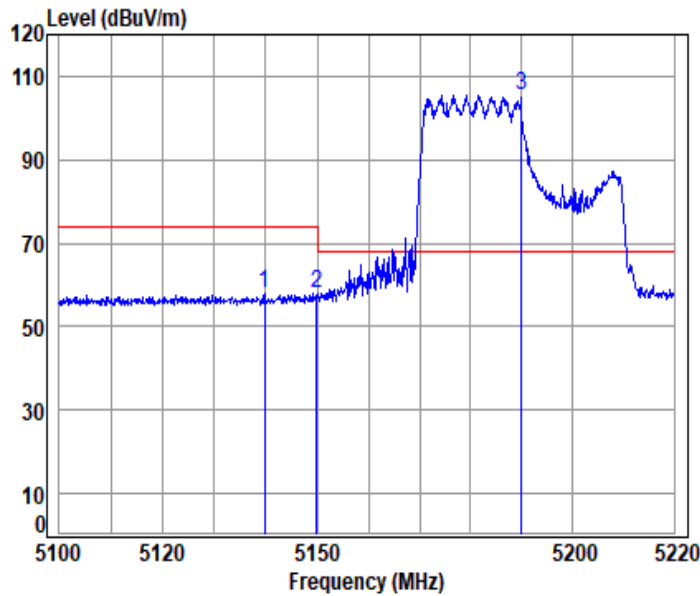
Mode : 5190 Band edge

: 5G Wi-Fi 11ax40_RU242 MIMO

		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 5145.511	10.12	32.39	30.84	32.90	44.57	54.00	-9.43 Average
2	5149.980	10.14	32.40	30.84	32.78	44.48	54.00	-9.52 Average
3	5190.000	10.29	32.48	30.82	82.38	94.33	-----	----- Average



11ax_40M_Partial_RU242_TX_CH_38_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5190 Band edge

: 5G Wi-Fi 11ax40_RU242 MIMO

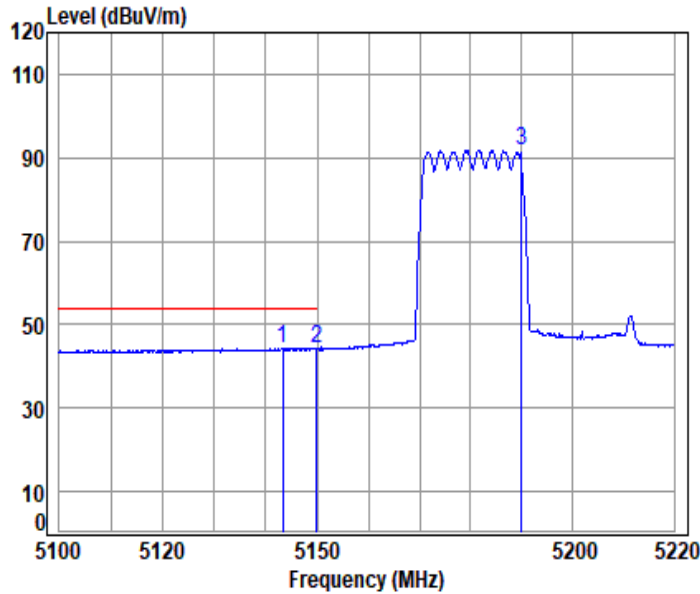
		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5139.770	10.10	32.38	30.84	46.12	57.76	74.00	-16.24 peak
2	5149.980	10.14	32.40	30.84	46.36	58.06	74.00	-15.94 peak
3 pp	5190.000	10.29	32.48	30.82	93.53	105.48	68.20	37.28 peak



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11ax_40M_Partial_RU242_TX_CH_38_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

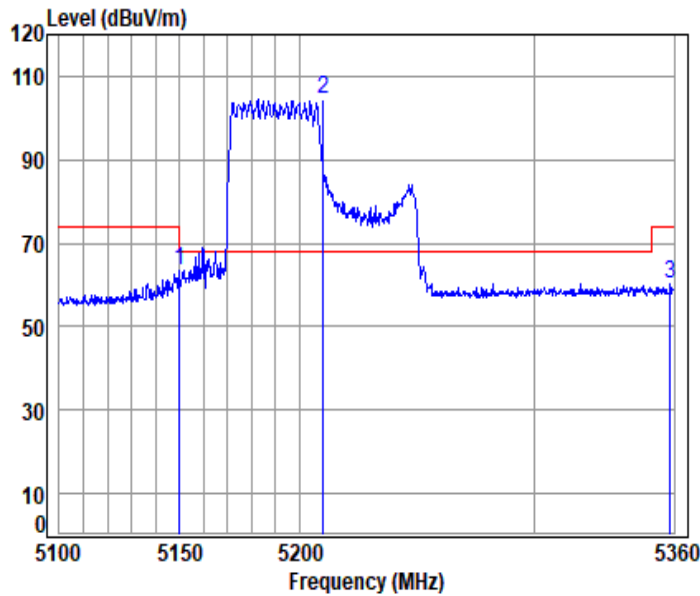
Mode : 5190 Band edge

: 5G Wi-Fi 11ax40_RU242 MIMO

		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 5143.357	10.11	32.39	30.84	32.61	44.27	54.00	-9.73	Average
2 5149.980	10.14	32.40	30.84	32.52	44.22	54.00	-9.78	Average
3 5190.000	10.29	32.48	30.82	79.79	91.74	-----	-----	Average



11ax_80M_Partial_RU484_TX_CH_42_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5210 Band edge

: 5G Wi-Fi 11ax80_RU484 MIMO

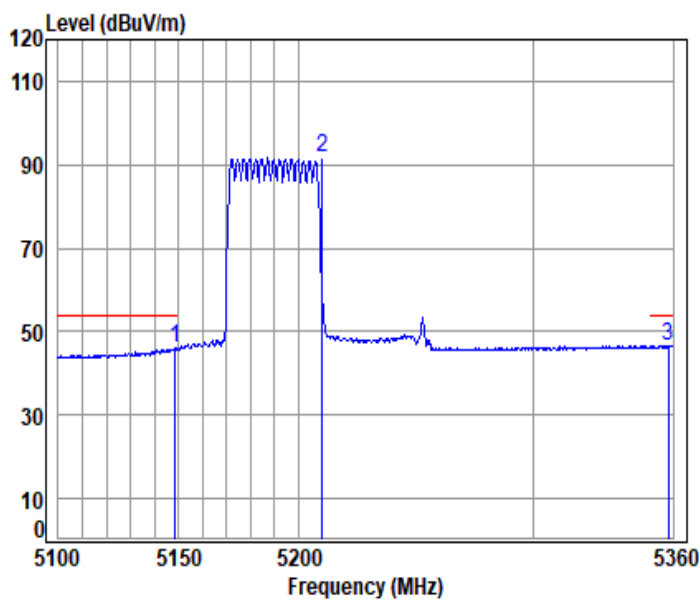
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.947	10.14	32.40	30.84	51.63	63.33	74.00	-10.67	peak
2 pp	5210.000	10.32	32.52	30.82	92.47	104.49	68.20	36.29	peak
3	5358.401	10.48	32.80	30.76	47.59	60.11	74.00	-13.89	peak



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11ax_80M_Partial_RU484_TX_CH_42_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5210 Band edge

: 5G Wi-Fi 11ax80_RU484 MIMO

		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	5148.410	10.13	32.40	30.84	34.30	45.99	54.00	-8.01 Average
2	5210.000	10.32	32.52	30.82	79.57	91.59	-----	----- Average
3 pp	5358.135	10.48	32.80	30.76	34.15	46.67	54.00	-7.33 Average



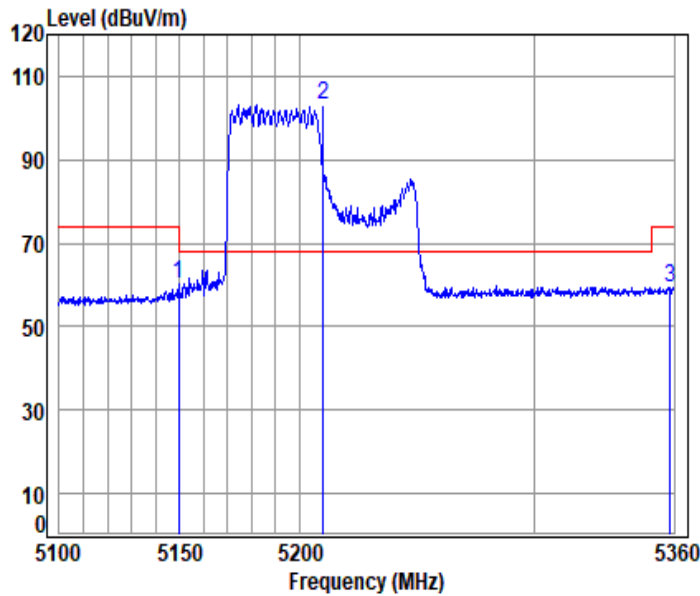
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11ax_80M_Partial_RU484_TX_CH_42_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

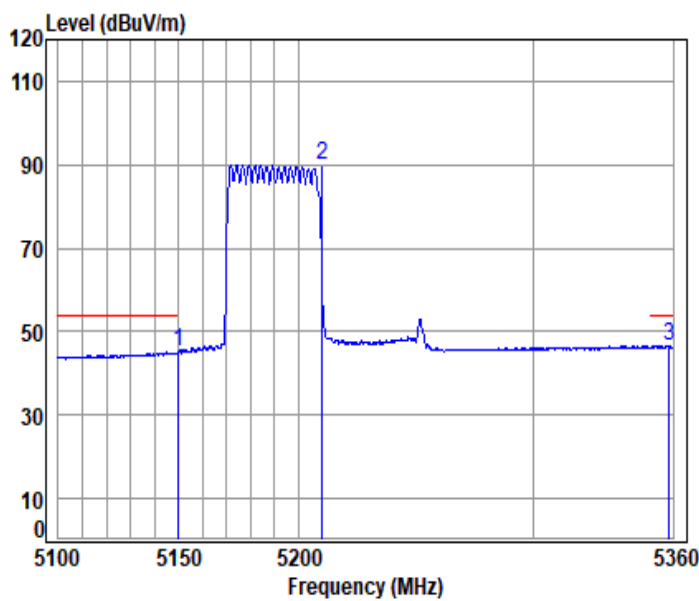
Mode : 5210 Band edge

: 5G Wi-Fi 11ax80_RU484 MIMO

		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	5149.435	10.14	32.40	30.84	48.65	60.35	74.00	-13.65	peak
2 pp	5210.000	10.32	32.52	30.82	91.23	103.25	68.20	35.05	peak
3	5358.401	10.48	32.80	30.76	46.99	59.51	74.00	-14.49	peak



11ax_80M_Partial_RU484_TX_CH_42_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5210 Band edge

: 5G Wi-Fi 11ax80_RU484 MIMO

		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	5149.690	10.14	32.40	30.84	33.37	45.07	54.00	-8.93 Average
2	5210.000	10.32	32.52	30.82	77.98	90.00	-----	----- Average
3	pp 5358.401	10.48	32.80	30.76	34.18	46.70	54.00	-7.30 Average



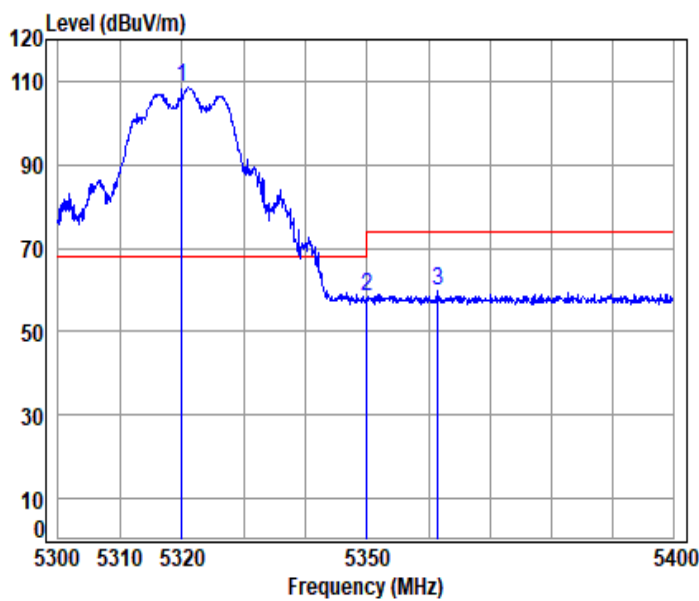
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Report No.: SZCR241100451006

Page: 138 of 760

11a_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 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 5320.000	10.35	32.74	30.77	96.38	108.70	68.20	40.50 peak
2	5350.020	10.45	32.80	30.76	45.78	58.27	74.00	-15.73 peak
3	5361.579	10.49	32.80	30.76	47.07	59.60	74.00	-14.40 peak



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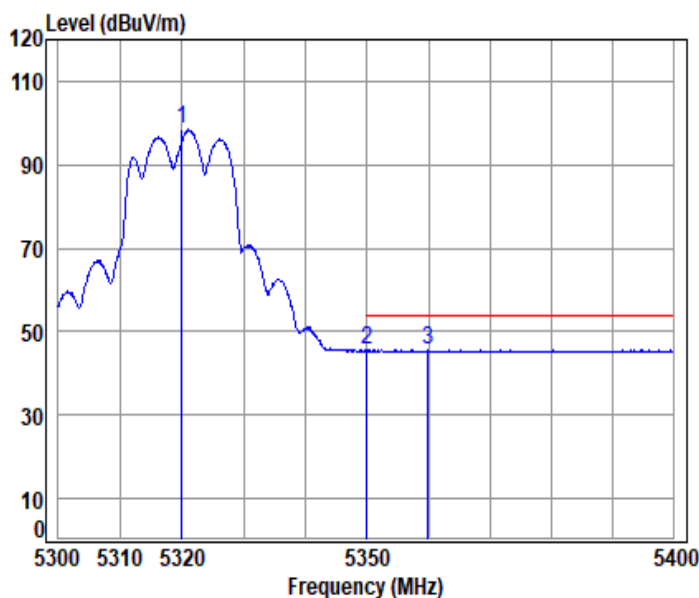
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Report No.: SZCR241100451006

Page: 139 of 760

11a_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 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	5320.000	10.35	32.74	30.77	86.01	98.33	-----	----- Average
2	5350.020	10.45	32.80	30.76	32.98	45.47	54.00	-8.53 Average
3 pp	5359.976	10.48	32.80	30.76	33.08	45.60	54.00	-8.40 Average



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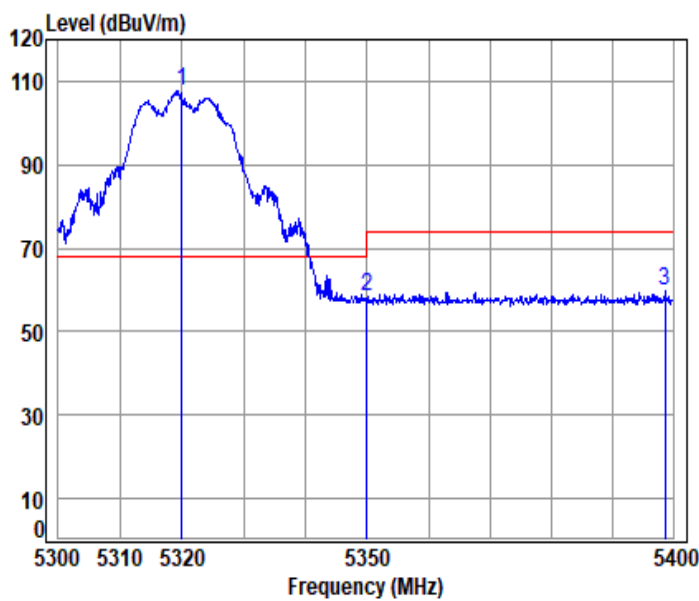
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Report No.: SZCR241100451006

Page: 140 of 760

11a_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 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	pp 5320.000	10.35	32.74	30.77	95.43	107.75	68.20	39.55 peak
2	5350.020	10.45	32.80	30.76	45.85	58.34	74.00	-15.66 peak
3	5398.688	10.62	32.80	30.74	46.98	59.66	74.00	-14.34 peak



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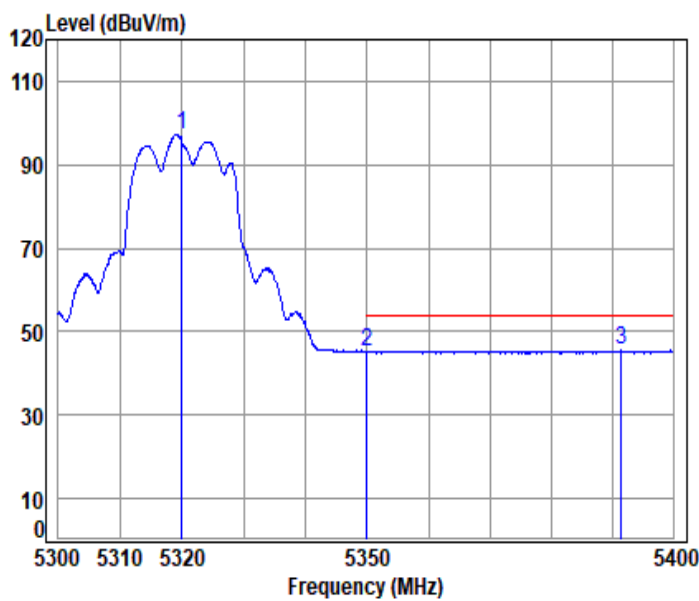
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Report No.: SZCR241100451006

Page: 141 of 760

11a_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 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	5320.000	10.35	32.74	30.77	84.92	97.24	-----	----- Average
2	5350.020	10.45	32.80	30.76	32.84	45.33	54.00	-8.67 Average
3 pp	5391.528	10.59	32.80	30.74	32.79	45.44	54.00	-8.56 Average



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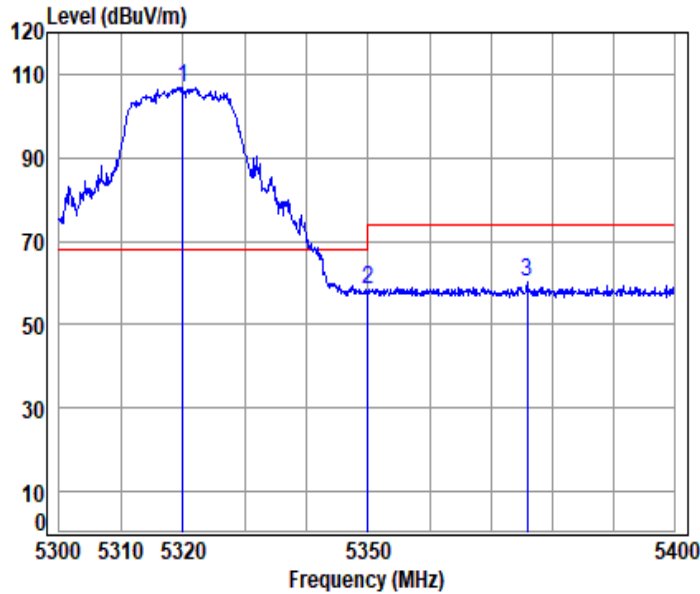
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Report No.: SZCR241100451006

Page: 142 of 760

11ac_HT(20M)_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ac20 MIMO

	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 5320.000	10.35	32.74	30.77	94.59	106.91	68.20	38.71	peak
2 5350.020	10.45	32.80	30.76	45.92	58.41	74.00	-15.59	peak
3 5375.930	10.54	32.80	30.75	47.44	60.03	74.00	-13.97	peak



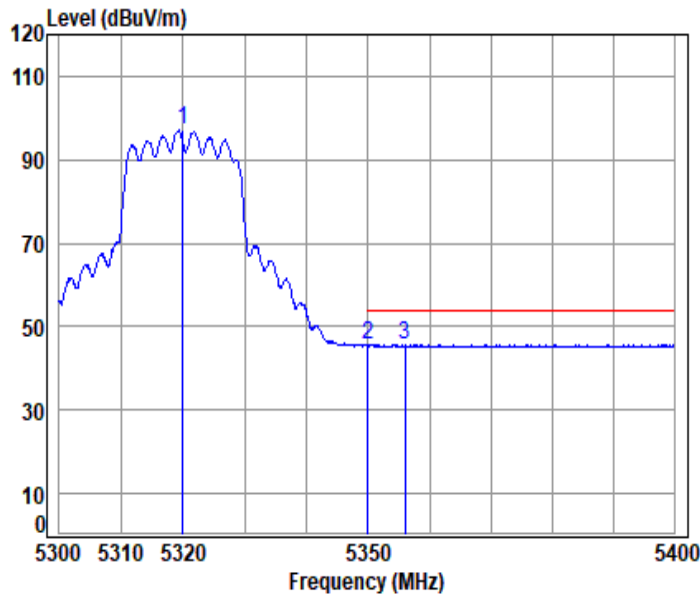
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11ac_HT(20M)_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ac20 MIMO

		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	5320.000	10.35	32.74	30.77	84.77	97.09	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.02	45.51	54.00	-8.49	Average
3 pp	5356.070	10.47	32.80	30.76	33.19	45.70	54.00	-8.30	Average



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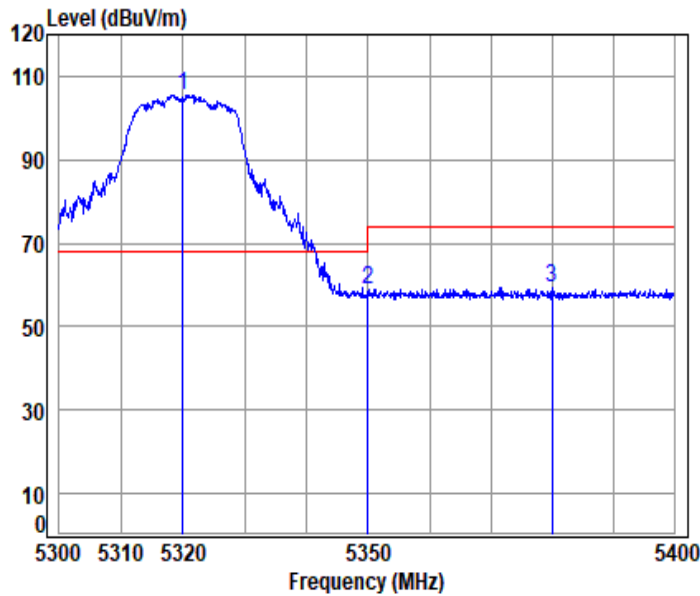
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 144 of 760

11ac_HT(20M)_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ac20 MIMO

		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 5320.000	10.35	32.74	30.77	93.19	105.51	68.20	37.31	peak
2 5350.020	10.45	32.80	30.76	46.20	58.69	74.00	-15.31	peak
3 5379.951	10.55	32.80	30.75	46.60	59.20	74.00	-14.80	peak



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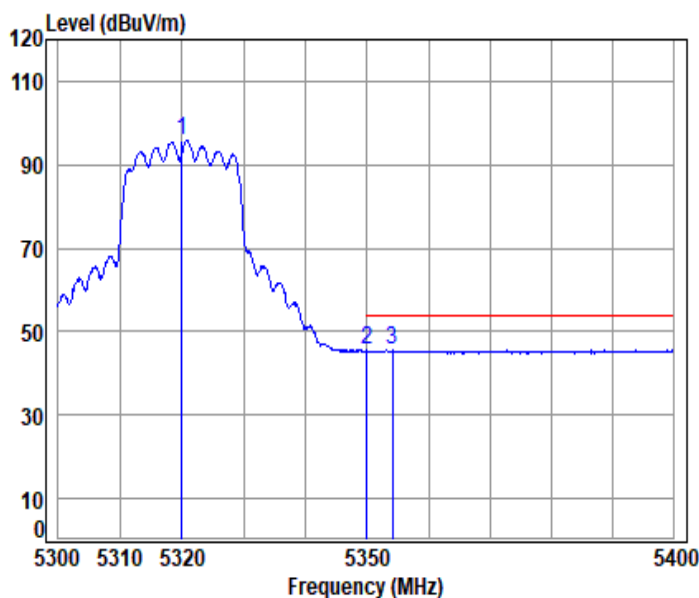
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 145 of 760

11ac_HT(20M)_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ac20 MIMO

		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	5320.000	10.35	32.74	30.77	83.65	95.97	-----	-----	Average
2	5350.020	10.45	32.80	30.76	32.95	45.44	54.00	-8.56	Average
3 pp	5354.168	10.46	32.80	30.76	33.05	45.55	54.00	-8.45	Average



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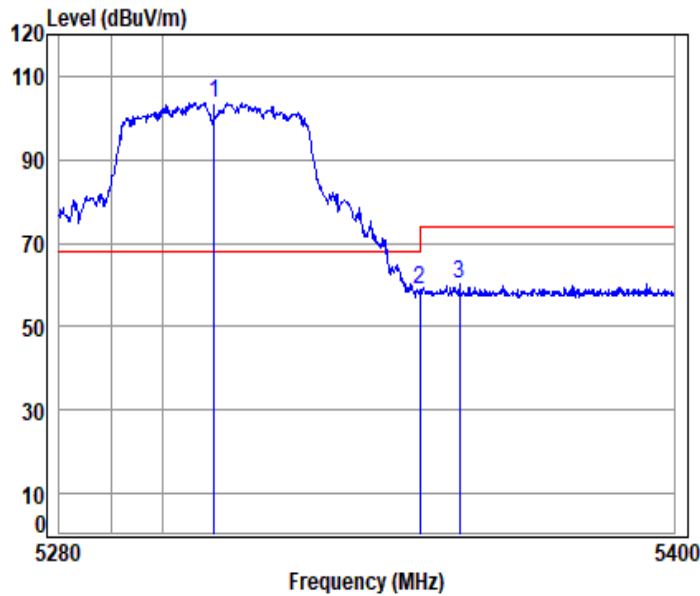
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 146 of 760

11ac_HT(40M)_TX_CH_62_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ac40 MIMO

		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 5310.000	10.31	32.72	30.78	91.36	103.61	68.20	35.41 peak
2	5350.020	10.45	32.80	30.76	46.19	58.68	74.00	-15.32 peak
3	5357.813	10.48	32.80	30.76	47.86	60.38	74.00	-13.62 peak



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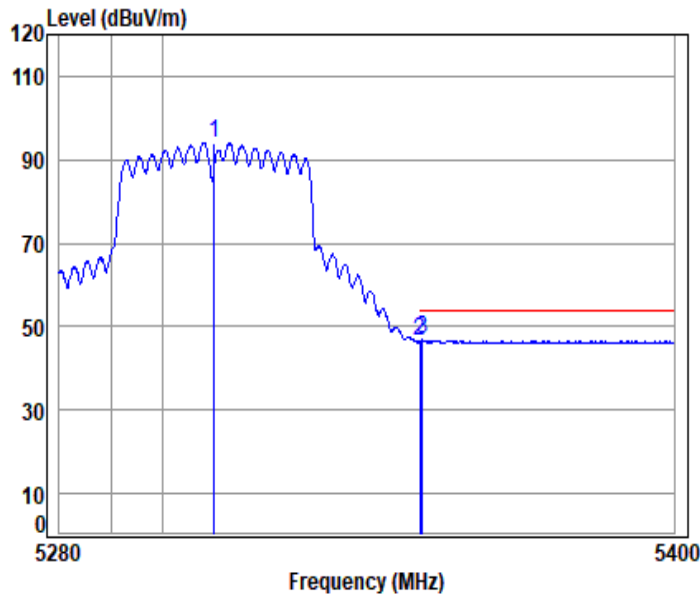
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 147 of 760

11ac_HT(40M)_TX_CH_62_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ac40 MIMO

		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	5310.000	10.31	32.72	30.78	81.84	94.09	-----	----- Average
2	5350.020	10.45	32.80	30.76	34.24	46.73	54.00	-7.27 Average
3 pp	5350.594	10.45	32.80	30.76	34.31	46.80	54.00	-7.20 Average



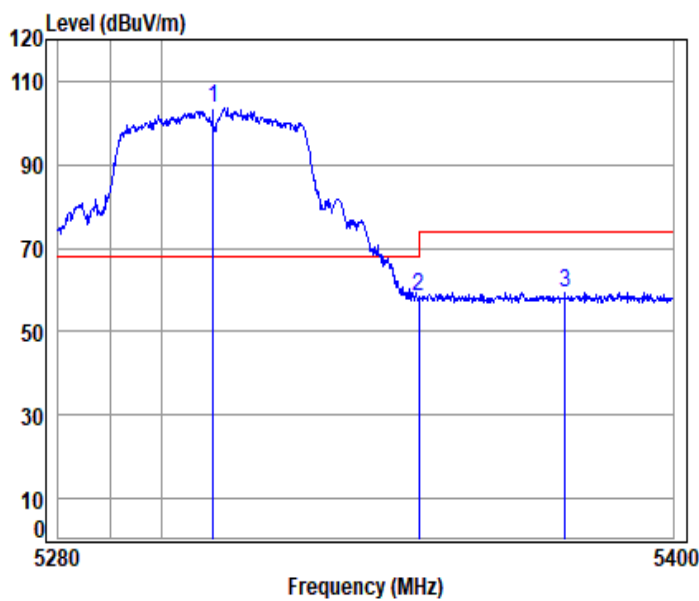
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11ac_HT(40M)_TX_CH_62_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ac40 MIMO

		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 5310.000	10.31	32.72	30.78	91.40	103.65	68.20	35.45	peak
2	5350.020	10.45	32.80	30.76	45.81	58.30	74.00	-15.70	peak
3	5378.684	10.55	32.80	30.75	46.79	59.39	74.00	-14.61	peak



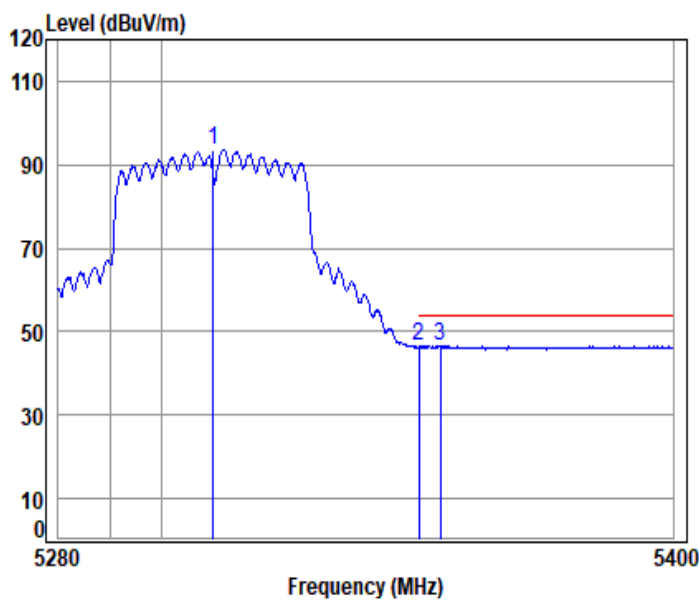
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Report No.: SZCR241100451006

Page: 149 of 760

11ac_HT(40M)_TX_CH_62_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ac40 MIMO

		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	5310.000	10.31	32.72	30.78	81.42	93.67	-----	----- Average
2	5350.020	10.45	32.80	30.76	33.88	46.37	54.00	-7.63 Average
3	pp 5354.202	10.46	32.80	30.76	34.26	46.76	54.00	-7.24 Average



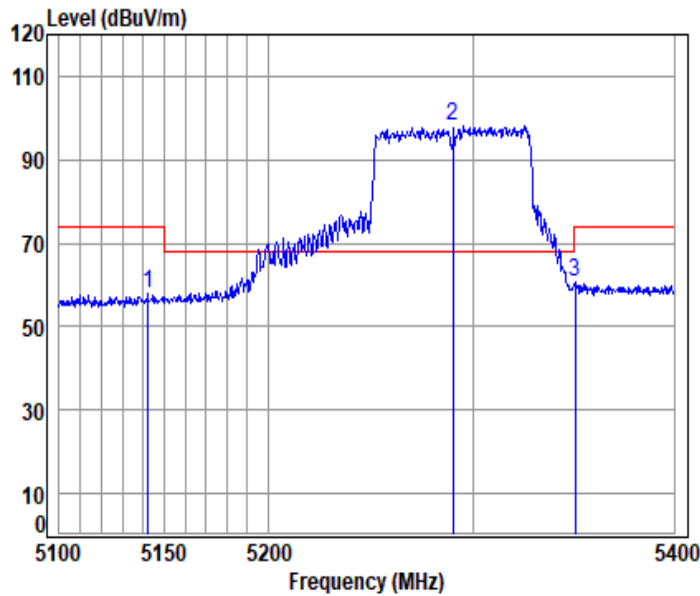
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11ac_VHT(80M)_TX_CH_58_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ac80 MIMO

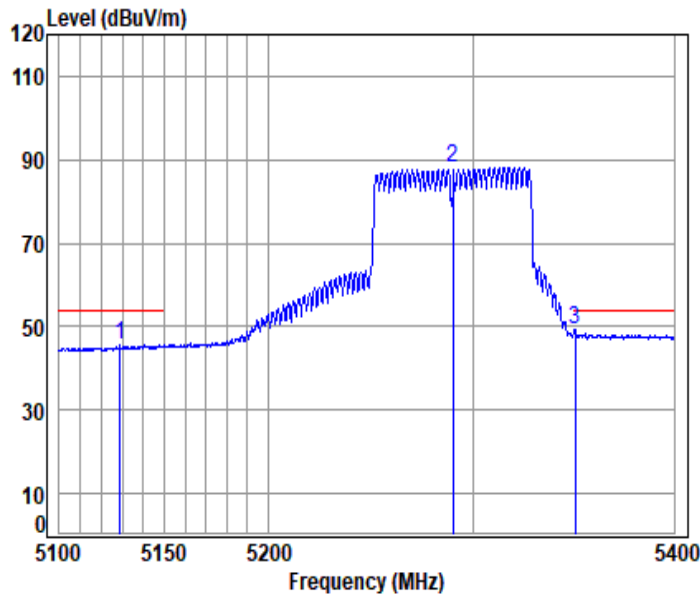
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5142.150	10.11	32.38	30.84	46.37	58.02	74.00	-15.98 peak
2	5290.000	10.28	32.68	30.78	86.00	98.18	68.20	29.98 peak
3	5350.535	10.45	32.80	30.76	48.10	60.59	74.00	-13.41 peak



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11ac_VHT(80M)_TX_CH_58_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ac80 MIMO

		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	5128.941	10.06	32.36	30.85	34.21	45.78	54.00	-8.22 Average
2	5290.000	10.28	32.68	30.78	75.92	88.10	-----	----- Average
3 pp	5350.535	10.45	32.80	30.76	36.99	49.48	54.00	-4.52 Average



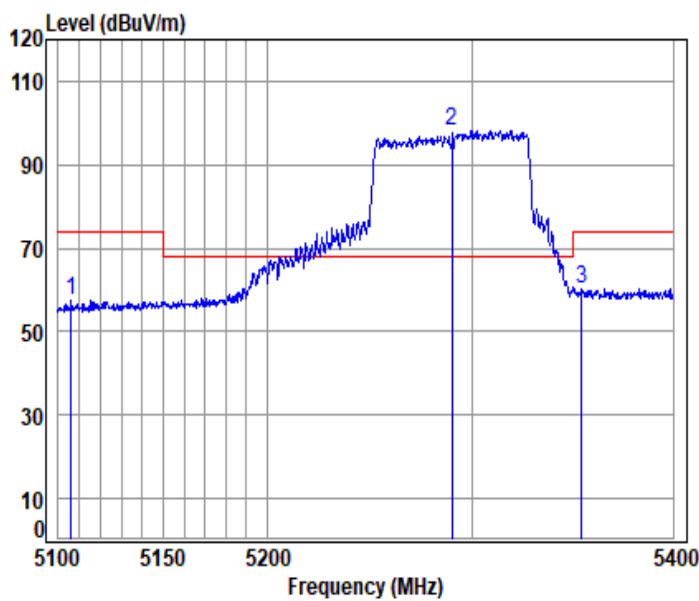
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 152 of 760

11ac_VHT(80M)_TX_CH_58_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ac80 MIMO

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5106.125	9.97	32.31	30.86	46.21	57.63	74.00	-16.37 peak
2 pp	5290.000	10.28	32.68	30.78	86.12	98.30	68.20	30.10 peak
3	5354.512	10.47	32.80	30.76	47.92	60.43	74.00	-13.57 peak



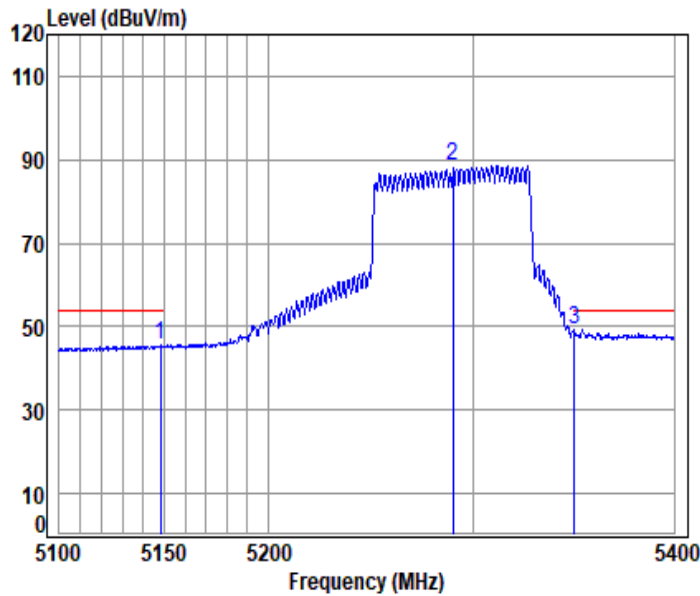
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11ac_VHT(80M)_TX_CH_58_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ac80 MIMO

		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	5148.326	10.13	32.40	30.84	33.96	45.65	54.00	-8.35 Average
2	5290.000	10.28	32.68	30.78	76.30	88.48	-----	----- Average
3 pp	5350.229	10.45	32.80	30.76	36.86	49.35	54.00	-4.65 Average



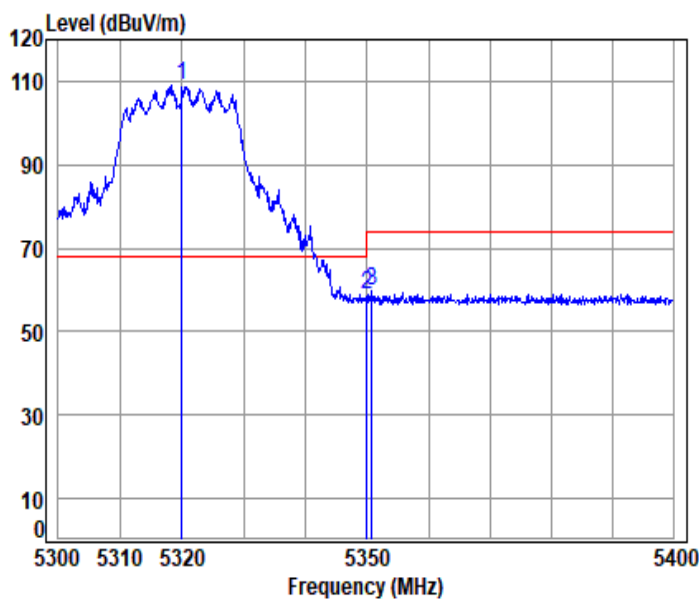
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 154 of 760

11ax_20M_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20 MIMO

		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 5320.000	10.35	32.74	30.77	96.82	109.14	68.20	40.94	peak
2 5350.020	10.45	32.80	30.76	46.27	58.76	74.00	-15.24	peak
3 5350.767	10.45	32.80	30.76	47.39	59.88	74.00	-14.12	peak



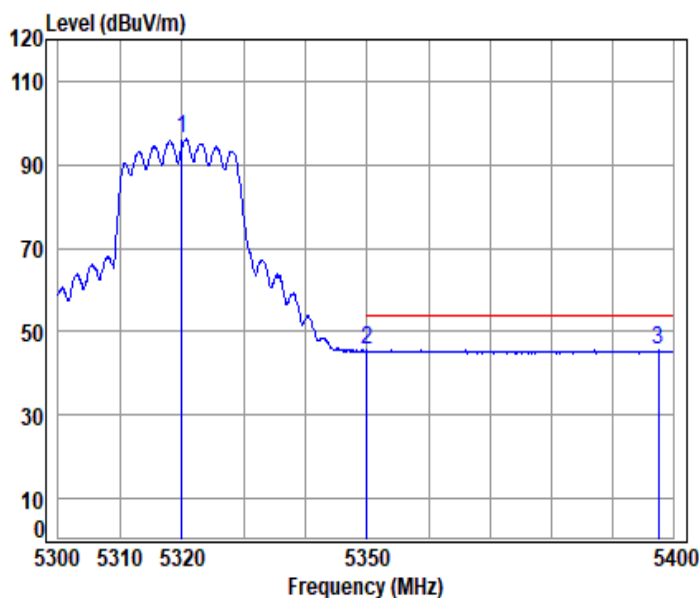
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11ax_20M_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20 MIMO

		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	5320.000	10.35	32.74	30.77	83.73	96.05	-----	----- Average
2	pp 5350.020	10.45	32.80	30.76	33.12	45.61	54.00	-8.39 Average
3	5397.578	10.61	32.80	30.74	32.80	45.47	54.00	-8.53 Average



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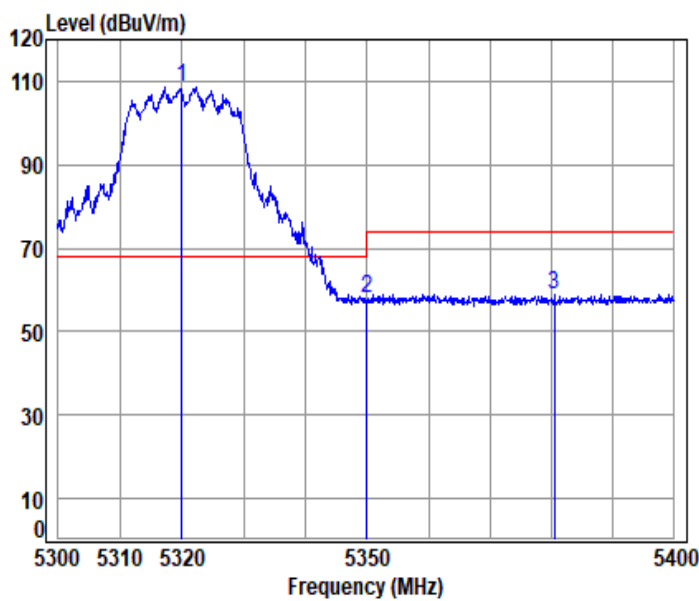
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 156 of 760

11ax_20M_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20 MIMO

	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 5320.000	10.35	32.74	30.77	96.40	108.72	68.20	40.52 peak
2 5350.020	10.45	32.80	30.76	45.40	57.89	74.00	-16.11 peak
3 5380.554	10.55	32.80	30.75	46.40	59.00	74.00	-15.00 peak



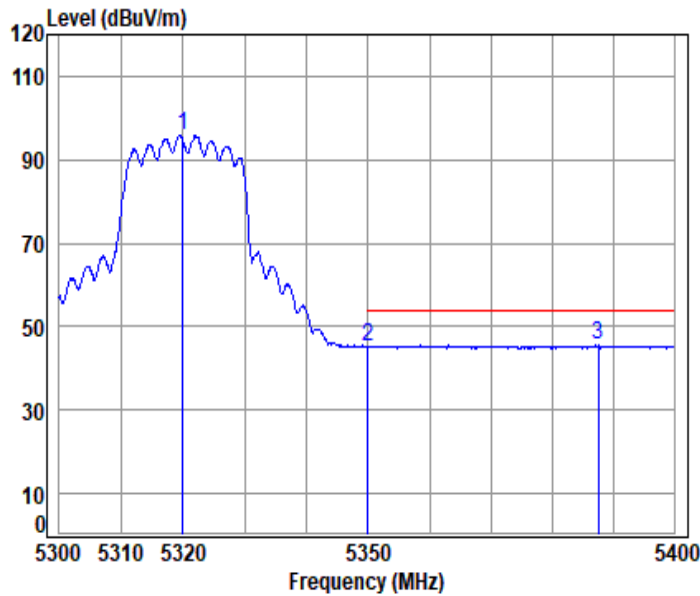
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11ax_20M_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20 MIMO

		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	5320.000	10.35	32.74	30.77	83.42	95.74	-----	----- Average
2	5350.020	10.45	32.80	30.76	32.70	45.19	54.00	-8.81 Average
3 pp	5387.599	10.58	32.80	30.74	32.79	45.43	54.00	-8.57 Average



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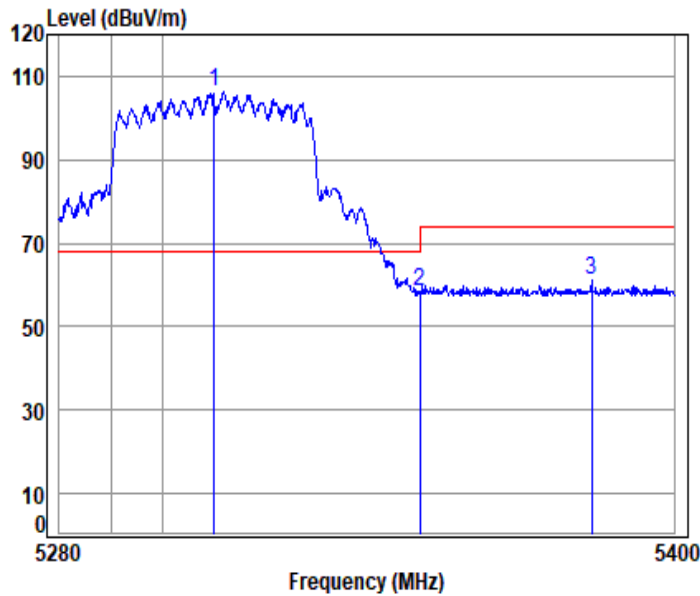
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 158 of 760

11ax_40M_TX_CH_62_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ax40 MIMO

		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 5310.000	10.31	32.72	30.78	93.84	106.09	68.20	37.89	peak
2 5350.020	10.45	32.80	30.76	46.00	58.49	74.00	-15.51	peak
3 5383.763	10.56	32.80	30.75	48.34	60.95	74.00	-13.05	peak



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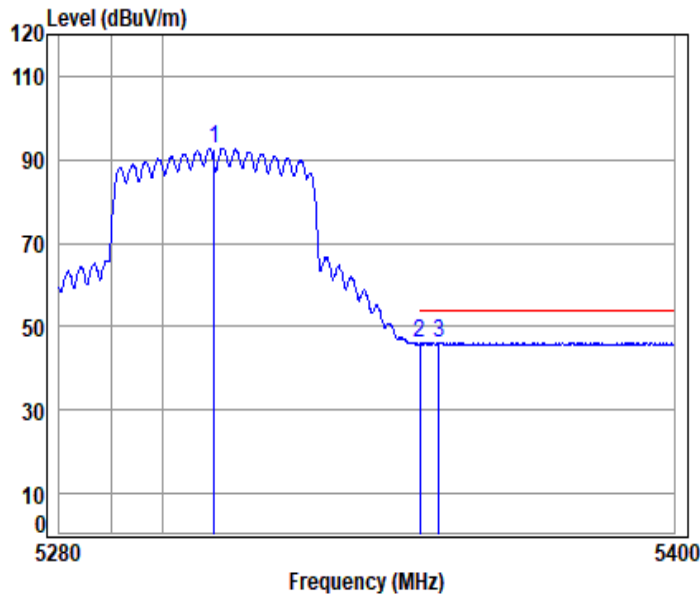
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 159 of 760

11ax_40M_TX_CH_62_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ax40 MIMO

		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	5310.000	10.31	32.72	30.78	80.59	92.84	-----	----- Average
2	5350.020	10.45	32.80	30.76	33.50	45.99	54.00	-8.01 Average
3	pp 5353.721	10.46	32.80	30.76	33.63	46.13	54.00	-7.87 Average



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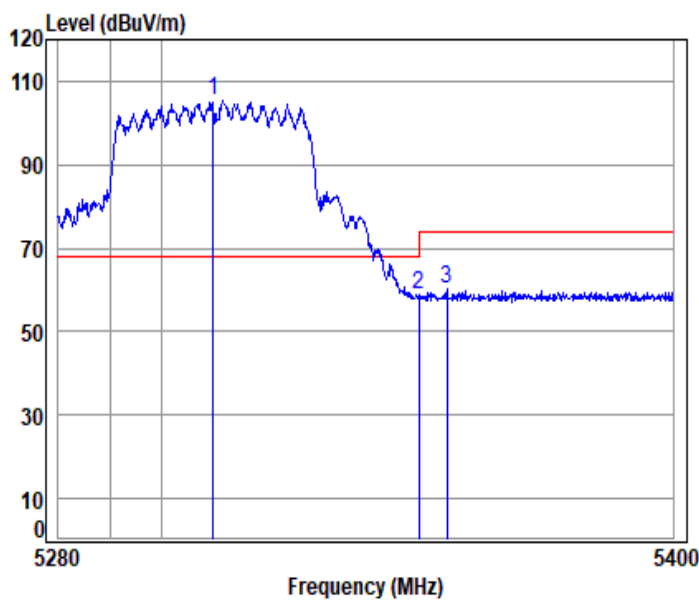
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Report No.: SZCR241100451006

Page: 160 of 760

11ax_40M_TX_CH_62_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ax40 MIMO

		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 5310.000	10.31	32.72	30.78	93.21	105.46	68.20	37.26 peak
2	5350.020	10.45	32.80	30.76	46.41	58.90	74.00	-15.10 peak
3	5355.526	10.47	32.80	30.76	47.51	60.02	74.00	-13.98 peak



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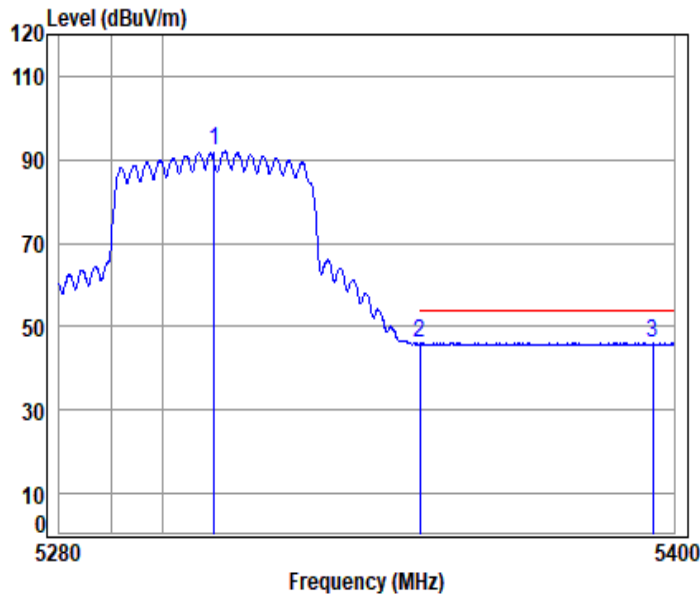
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Report No.: SZCR241100451006

Page: 161 of 760

11ax_40M_TX_CH_62_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ax40 MIMO

		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	5310.000	10.31	32.72	30.78	79.70	91.95	-----	----- Average
2	5350.020	10.45	32.80	30.76	33.50	45.99	54.00	-8.01 Average
3 pp	5395.875	10.61	32.80	30.74	33.39	46.06	54.00	-7.94 Average



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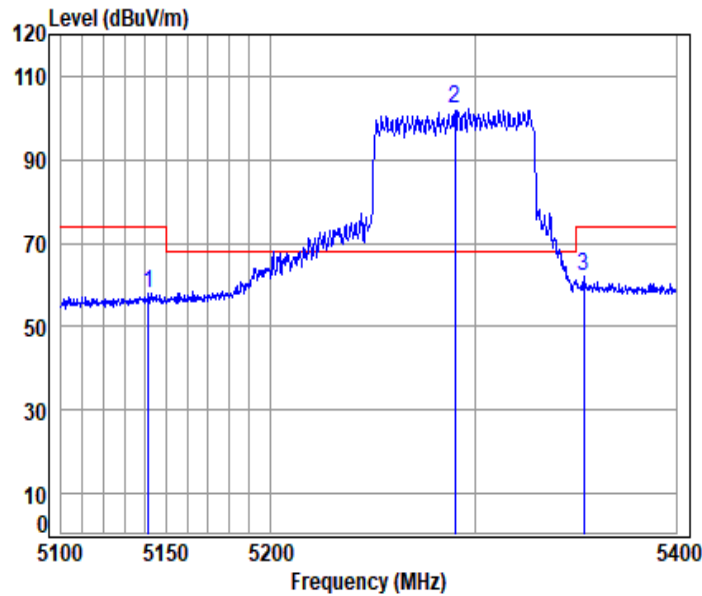
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Report No.: SZCR241100451006

Page: 162 of 760

11ax_80M_TX_CH_58_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ax80 MIMO

		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	5141.563	10.11	32.38	30.84	46.31	57.96	74.00	-16.04	peak
2	5290.000	10.28	32.68	30.78	89.94	102.12	68.20	33.92	peak
3	5353.899	10.46	32.80	30.76	49.77	62.27	74.00	-11.73	peak



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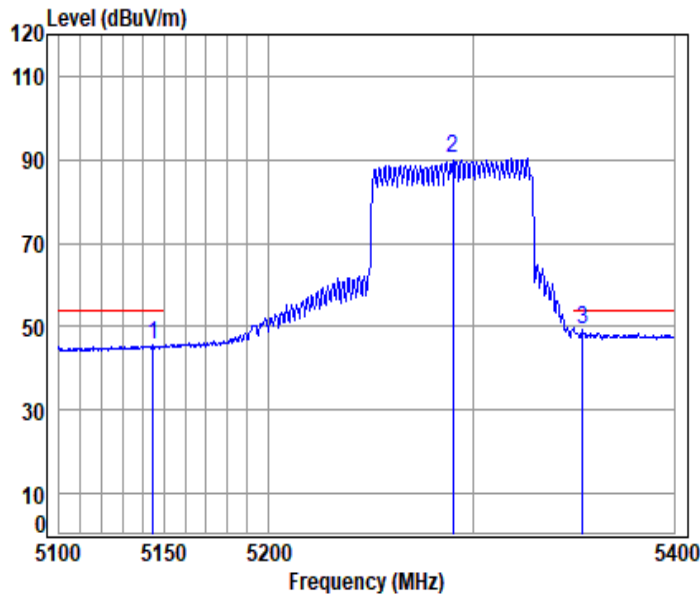
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 163 of 760

11ax_80M_TX_CH_58_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ax80 MIMO

		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	5144.796	10.12	32.39	30.84	33.82	45.49	54.00	-8.51 Average
2	5290.000	10.28	32.68	30.78	78.21	90.39	-----	----- Average
3 pp	5354.206	10.46	32.80	30.76	36.61	49.11	54.00	-4.89 Average



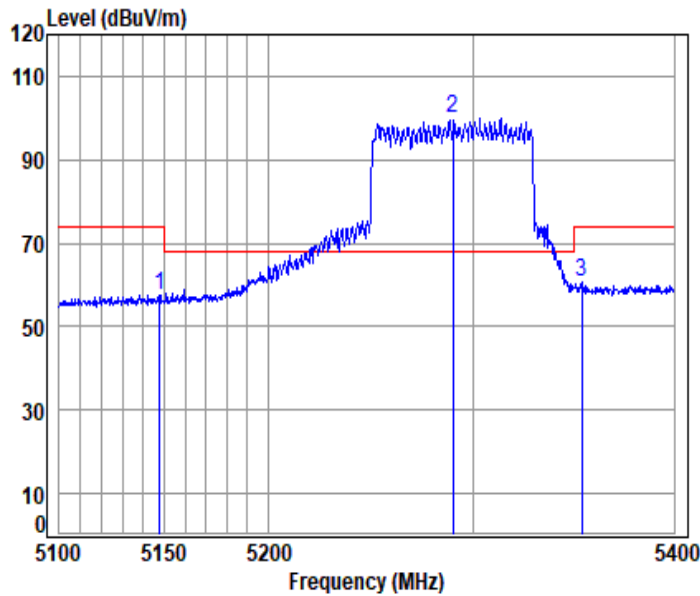
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11ax_80M_TX_CH_58_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ax80 MIMO

		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	5147.738	10.13	32.40	30.84	45.85	57.54	74.00	-16.46 peak
2 pp	5290.000	10.28	32.68	30.78	87.81	99.99	68.20	31.79 peak
3	5353.899	10.46	32.80	30.76	48.15	60.65	74.00	-13.35 peak



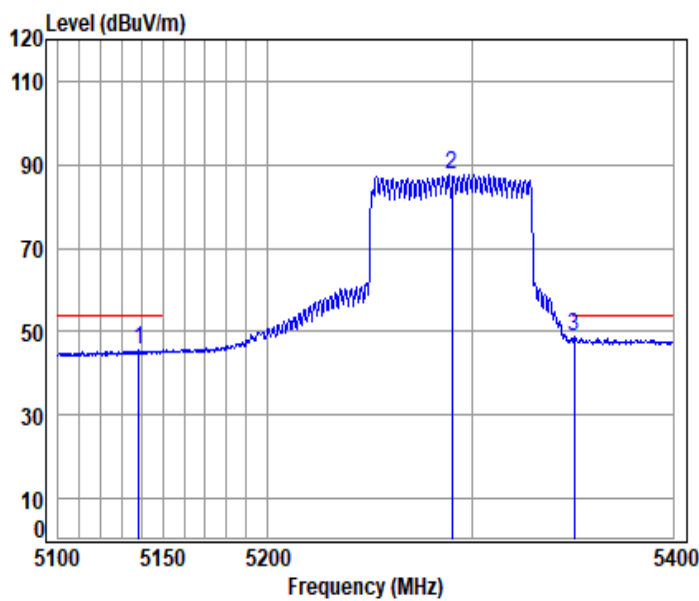
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 165 of 760

11ax_80M_TX_CH_58_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ax80 MIMO

		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	5138.331	10.10	32.38	30.84	33.81	45.45	54.00	-8.55 Average
2	5290.000	10.28	32.68	30.78	75.39	87.57	-----	----- Average
3 pp	5350.535	10.45	32.80	30.76	36.27	48.76	54.00	-5.24 Average



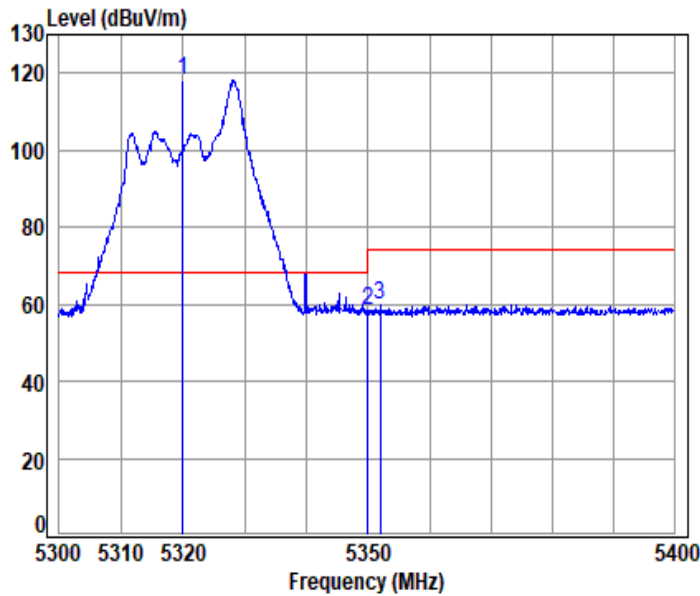
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11ax_20M_Partial_RU106_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20_RU26 MIMO

		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 5320.000	10.35	32.74	30.77	105.81	118.13	68.20	49.93 peak
2	5350.020	10.45	32.80	30.76	45.90	58.39	74.00	-15.61 peak
3	5351.967	10.46	32.80	30.76	47.49	59.99	74.00	-14.01 peak



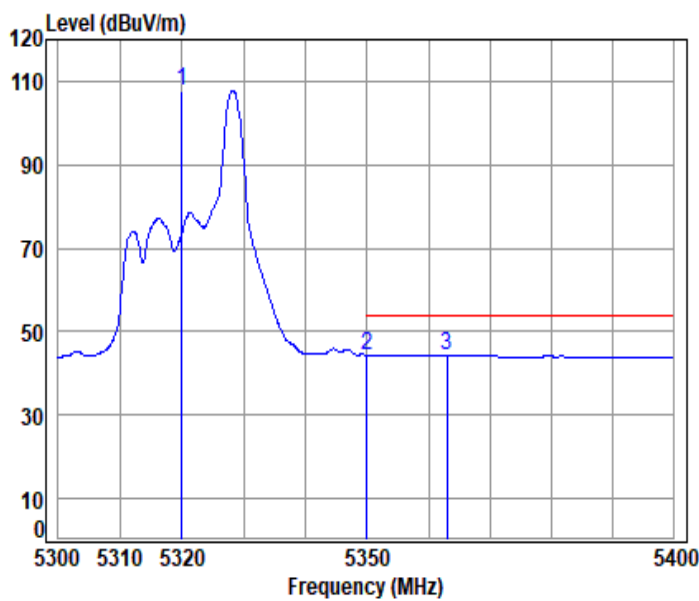
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 167 of 760

11ax_20M_Partial_RU106_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20_RU26 MIMO

		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	5320.000	10.35	32.74	30.77	95.51	107.83	-----	Average
2	5350.020	10.45	32.80	30.76	31.88	44.37	54.00	-9.63 Average
3	pp 5362.982	10.49	32.80	30.75	31.92	44.46	54.00	-9.54 Average



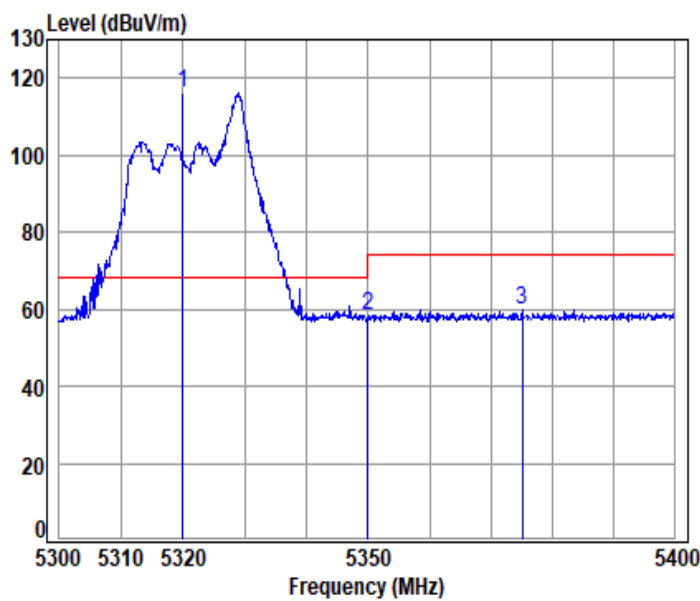
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11ax_20M_Partial_RU106_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

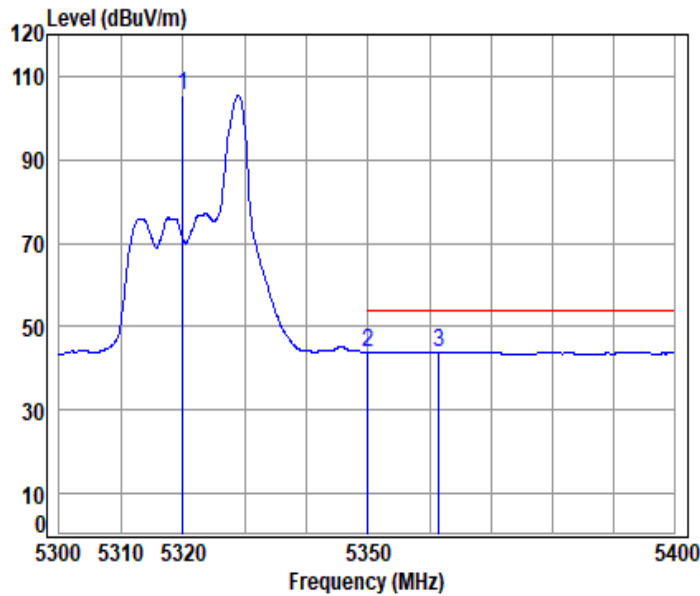
Mode : 5320 Band edge

: 5G Wi-Fi 11ax20_RU26 MIMO

	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 5320.000	10.35	32.74	30.77	103.73	116.05	68.20	47.85 peak
2 5350.020	10.45	32.80	30.76	45.91	58.40	74.00	-15.60 peak
3 5375.126	10.54	32.80	30.75	47.24	59.83	74.00	-14.17 peak



11ax_20M_Partial_RU106_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20_RU26 MIMO

		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	5320.000	10.35	32.74	30.77	93.08	105.40	-----	Average
2	5350.020	10.45	32.80	30.76	31.34	43.83	54.00	-10.17 Average
3	pp 5361.479	10.49	32.80	30.76	31.33	43.86	54.00	-10.14 Average



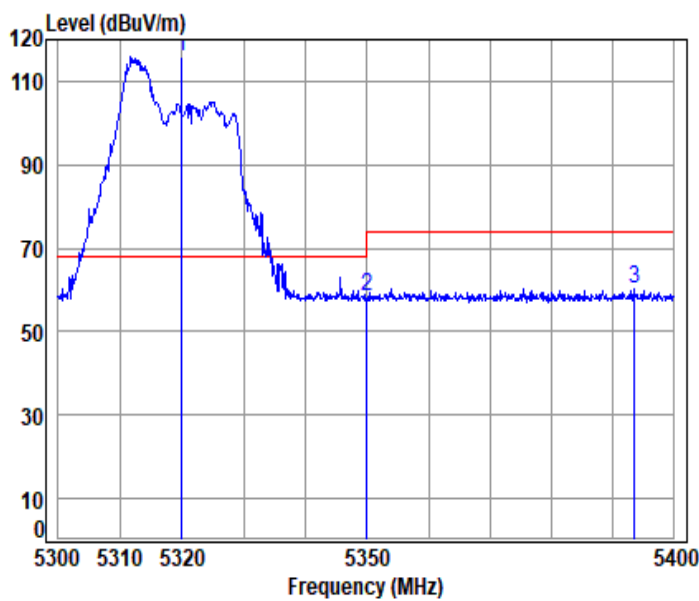
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 170 of 760

11ax_20M_Partial_RU52_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20_RU52 MIMO

	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 5320.000	10.35	32.74	30.77	103.76	116.08	68.20	47.88 peak
2 5350.020	10.45	32.80	30.76	45.74	58.23	74.00	-15.77 peak
3 5393.746	10.60	32.80	30.74	47.57	60.23	74.00	-13.77 peak



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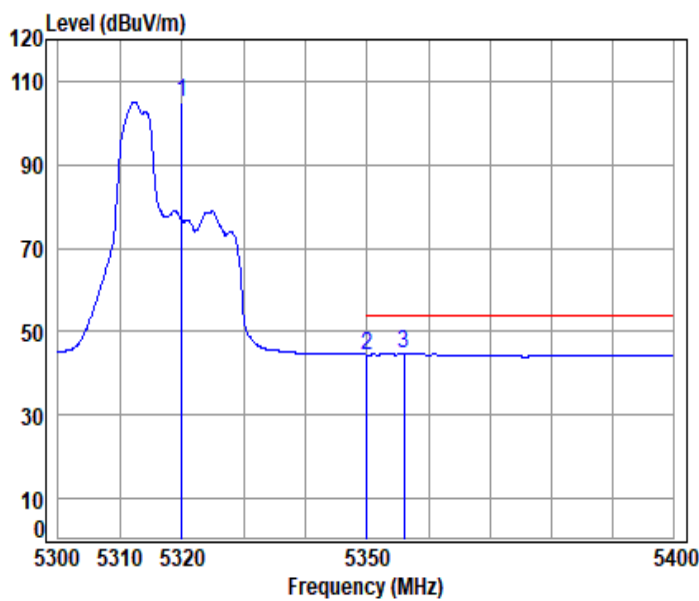
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Report No.: SZCR241100451006

Page: 171 of 760

11ax_20M_Partial_RU52_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20_RU52 MIMO

		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	5320.000	10.35	32.74	30.77	92.73	105.05	-----	----- Average
2	5350.020	10.45	32.80	30.76	31.99	44.48	54.00	-9.52 Average
3 pp	5356.070	10.47	32.80	30.76	32.25	44.76	54.00	-9.24 Average



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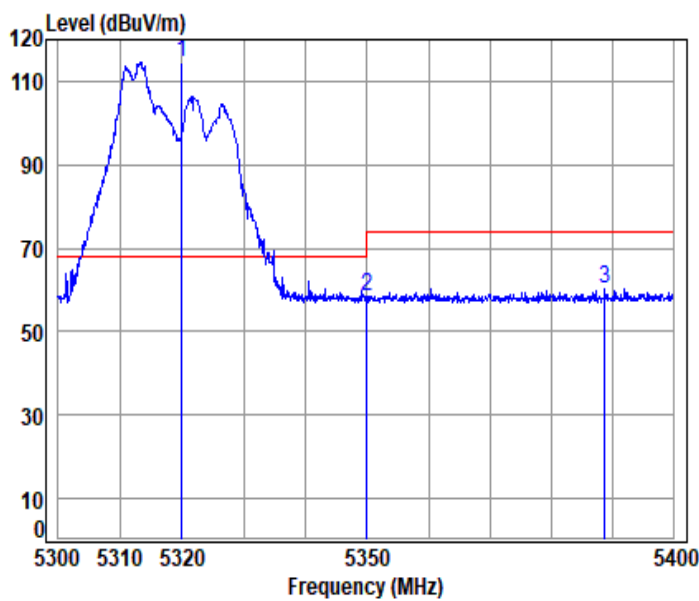
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 172 of 760

11ax_20M_Partial_RU52_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20_RU52 MIMO

	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 5320.000	10.35	32.74	30.77	102.14	114.46	68.20	46.26 peak
2 5350.020	10.45	32.80	30.76	46.12	58.61	74.00	-15.39 peak
3 5388.808	10.58	32.80	30.74	47.58	60.22	74.00	-13.78 peak



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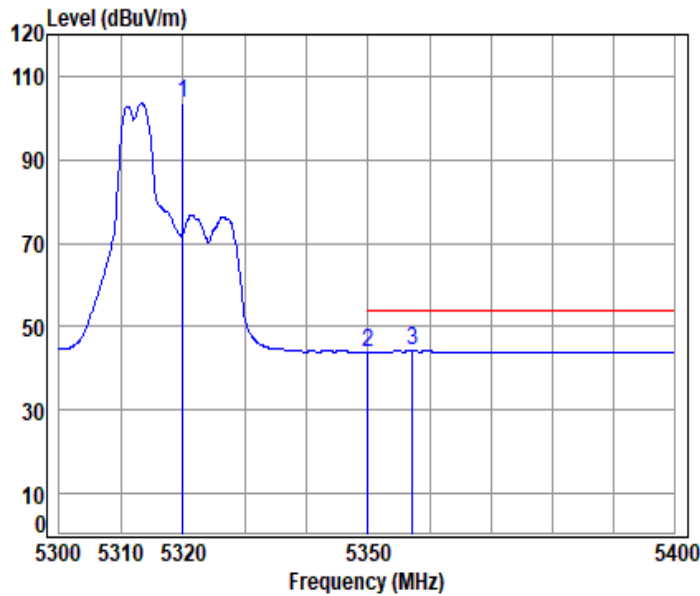
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Report No.: SZCR241100451006

Page: 173 of 760

11ax_20M_Partial_RU52_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20_RU52 MIMO

		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	5320.000	10.35	32.74	30.77	91.25	103.57	-----	Average
2	5350.020	10.45	32.80	30.76	31.48	43.97	54.00	-10.03 Average
3 pp	5357.171	10.47	32.80	30.76	31.75	44.26	54.00	-9.74 Average



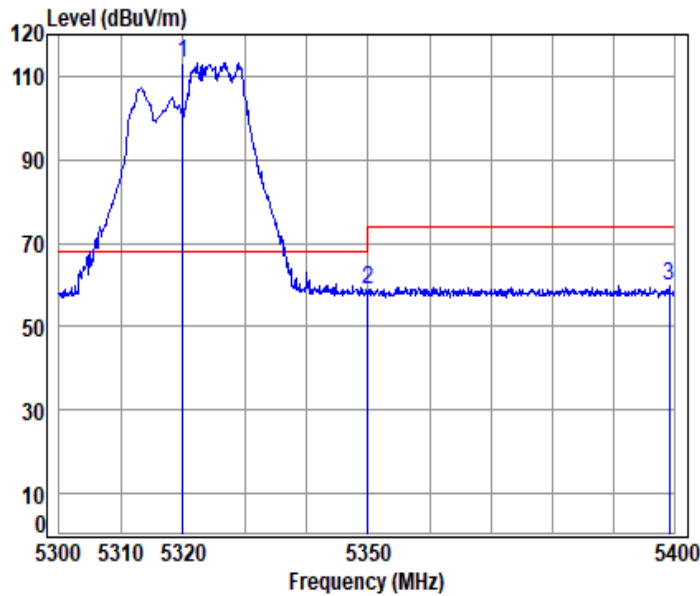
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11ax_20M_Partial_RU106_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20_RU106 MIMO

	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 5320.000	10.35	32.74	30.77	101.06	113.38	68.20	45.18 peak
2 5350.020	10.45	32.80	30.76	46.34	58.83	74.00	-15.17 peak
3 5399.192	10.62	32.80	30.74	46.89	59.57	74.00	-14.43 peak



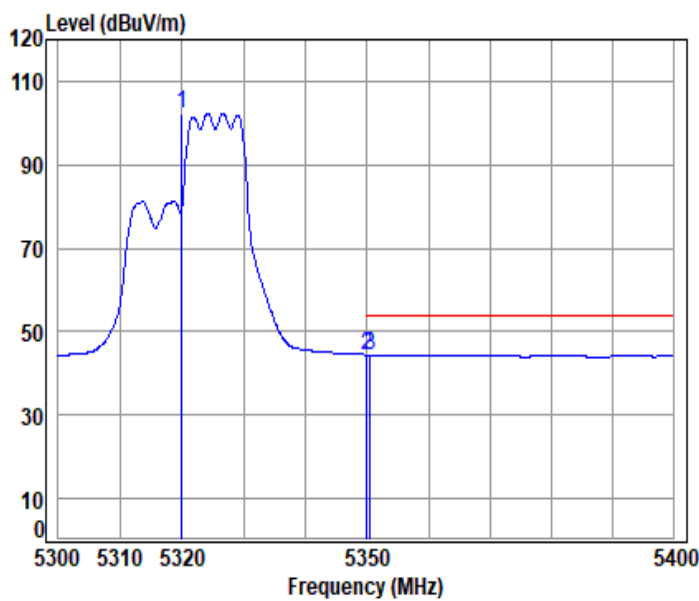
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Report No.: SZCR241100451006

Page: 175 of 760

11ax_20M_Partial_RU106_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20_RU106 MIMO

		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	5320.000	10.35	32.74	30.77	89.77	102.09	-----	----- Average
2	pp 5350.020	10.45	32.80	30.76	31.94	44.43	54.00	-9.57 Average
3	5350.566	10.45	32.80	30.76	31.92	44.41	54.00	-9.59 Average



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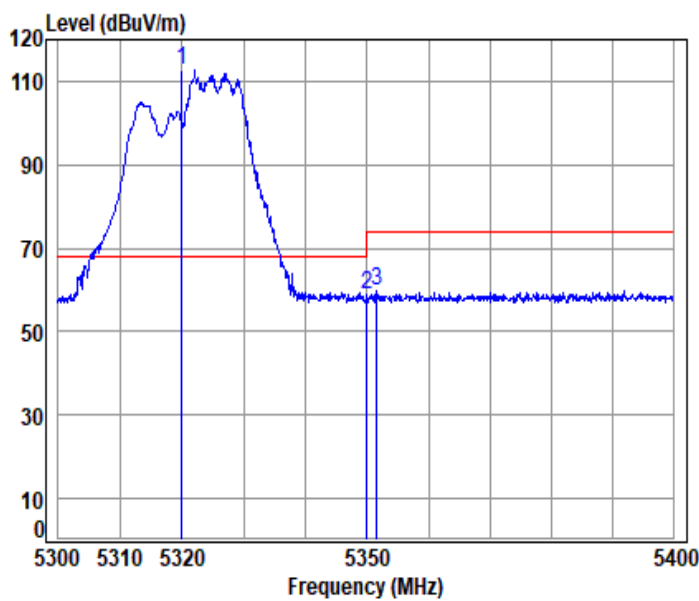
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 176 of 760

11ax_20M_Partial_RU106_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20_RU106 MIMO

		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 5320.000	10.35	32.74	30.77	100.39	112.71	68.20	44.51 peak
2	5350.020	10.45	32.80	30.76	46.18	58.67	74.00	-15.33 peak
3	5351.566	10.46	32.80	30.76	47.23	59.73	74.00	-14.27 peak



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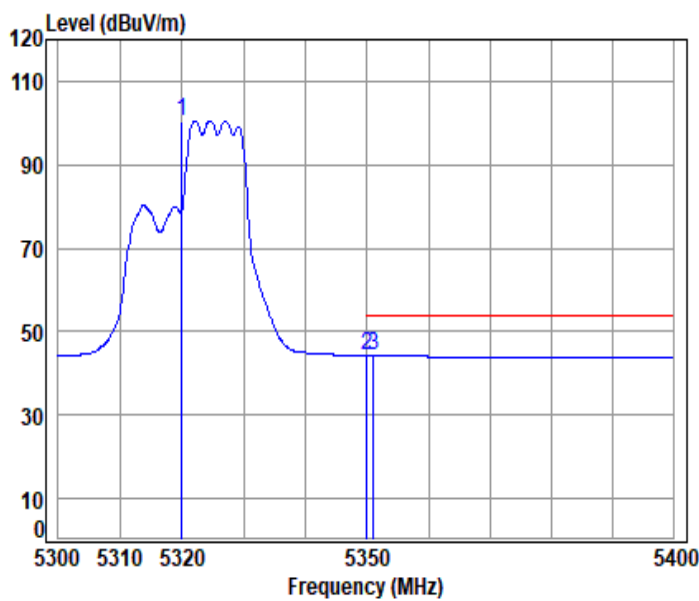
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 177 of 760

11ax_20M_Partial_RU106_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20_RU106 MIMO

		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	5320.000	10.35	32.74	30.77	88.21	100.53	-----	Average
2	5350.020	10.45	32.80	30.76	31.65	44.14	54.00	-9.86 Average
3 pp	5351.066	10.45	32.80	30.76	31.66	44.15	54.00	-9.85 Average



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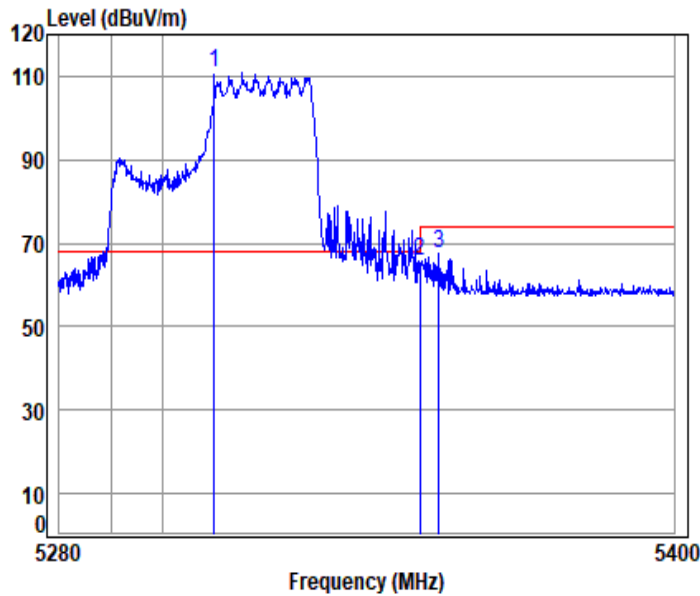
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 178 of 760

11ax_40M_Partial_RU242_TX_CH_62_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ax40_RU242 MIMO

		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 5310.000	10.31	32.72	30.78	98.48	110.73	68.20	42.53 peak
2	5350.020	10.45	32.80	30.76	53.13	65.62	74.00	-8.38 peak
3	5353.841	10.46	32.80	30.76	55.15	67.65	74.00	-6.35 peak



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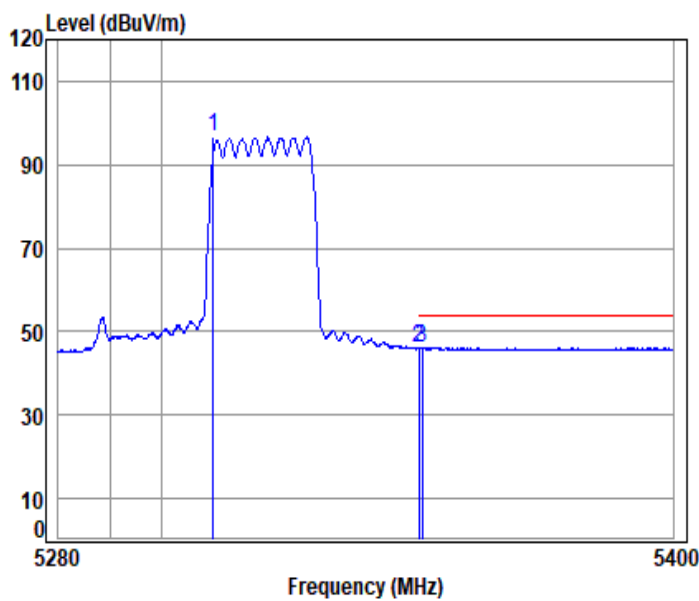
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 179 of 760

11ax_40M_Partial_RU242_TX_CH_62_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ax40_RU242 MIMO

		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	5310.000	10.31	32.72	30.78	84.27	96.52	-----	Average
2	pp 5350.020	10.45	32.80	30.76	33.76	46.25	54.00	-7.75 Average
3	5350.714	10.45	32.80	30.76	33.71	46.20	54.00	-7.80 Average



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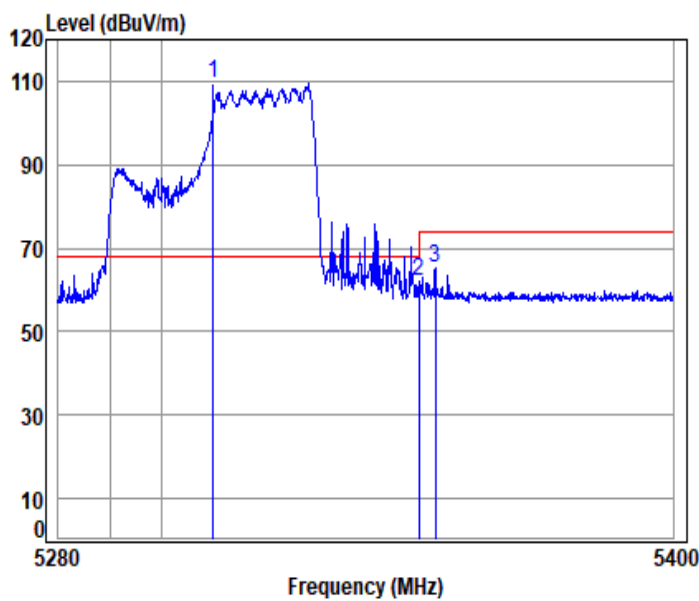
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 180 of 760

11ax_40M_Partial_RU242_TX_CH_62_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ax40_RU242 MIMO

		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 5310.000	10.31	32.72	30.78	97.34	109.59	68.20	41.39 peak
2	5350.020	10.45	32.80	30.76	49.54	62.03	74.00	-11.97 peak
3	5353.240	10.46	32.80	30.76	52.73	65.23	74.00	-8.77 peak



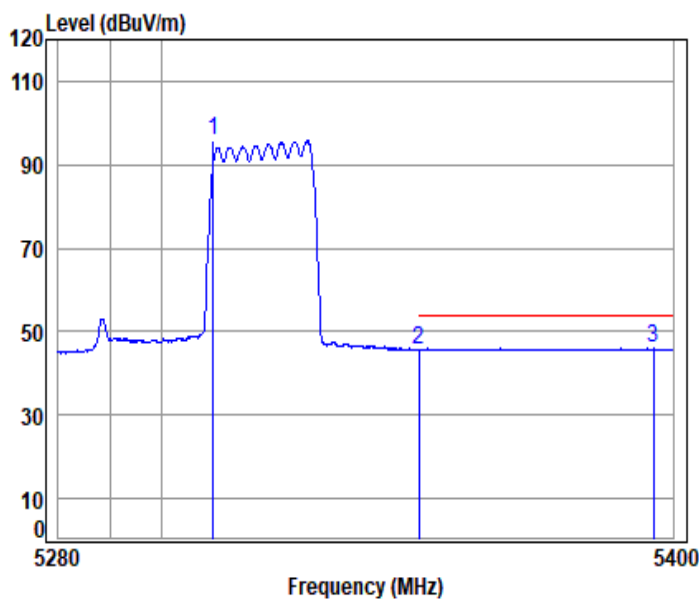
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11ax_40M_Partial_RU242_TX_CH_62_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ax40_RU242 MIMO

		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	5310.000	10.31	32.72	30.78	83.48	95.73	-----	Average
2	5350.020	10.45	32.80	30.76	33.36	45.85	54.00	-8.15 Average
3 pp	5396.118	10.61	32.80	30.74	33.29	45.96	54.00	-8.04 Average



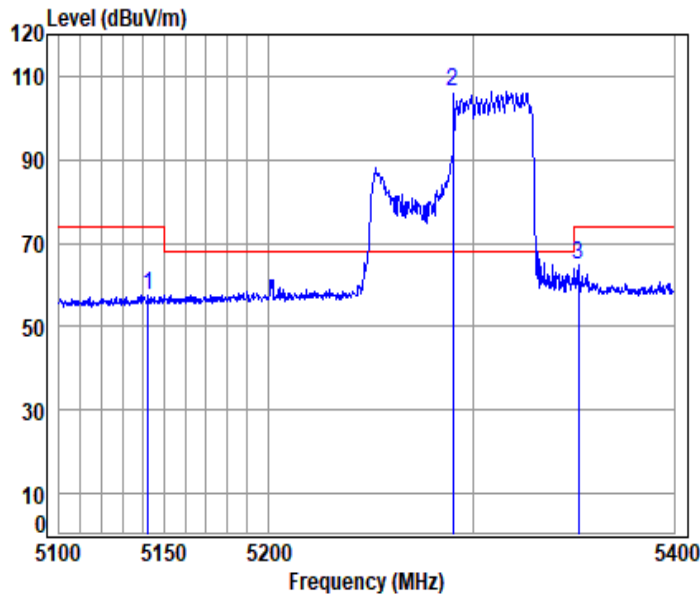
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Report No.: SZCR241100451006

Page: 182 of 760

11ax_80M_Partial_RU484_TX_CH_58_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ax80_RU484 MIMO

		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	5142.444	10.11	32.38	30.84	45.69	57.34	74.00	-16.66 peak
2 pp	5290.000	10.28	32.68	30.78	94.29	106.47	68.20	38.27 peak
3	5352.064	10.46	32.80	30.76	52.06	64.56	74.00	-9.44 peak



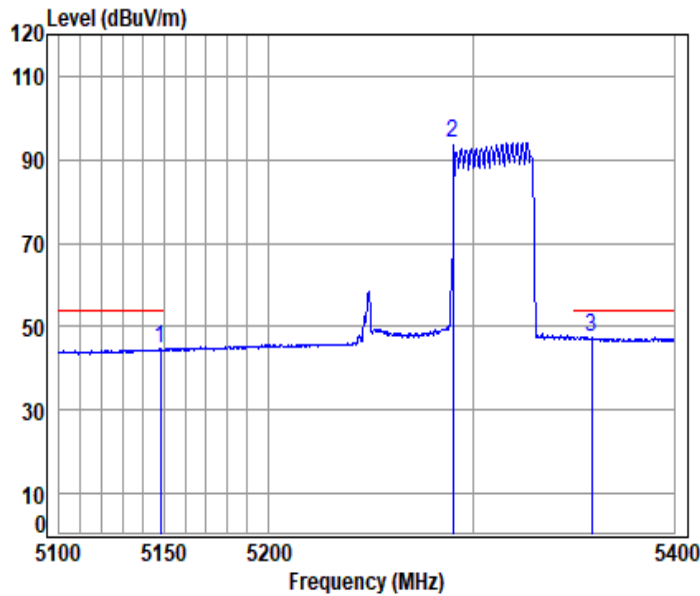
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11ax_80M_Partial_RU484_TX_CH_58_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

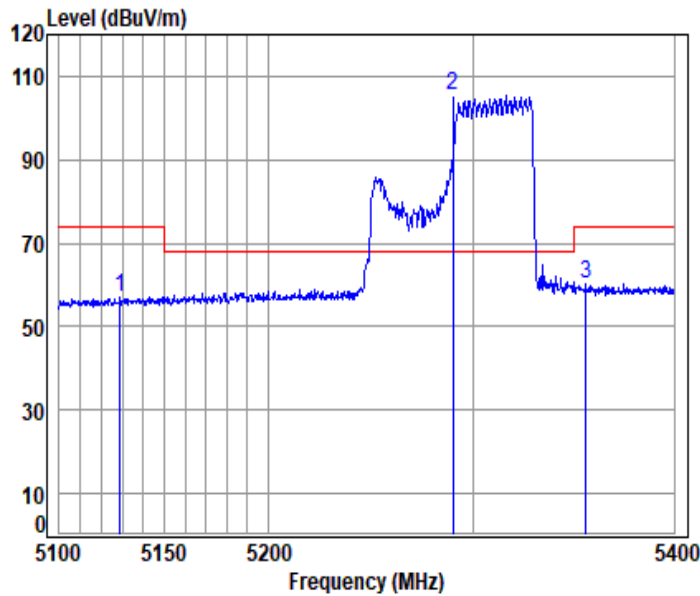
Mode : 5290 Band edge

: 5G Wi-Fi 11ax80_RU484 MIMO

		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	5148.326	10.13	32.40	30.84	32.92	44.61	54.00	-9.39 Average
2	5290.000	10.28	32.68	30.78	81.95	94.13	-----	----- Average
3 pp	5358.798	10.48	32.80	30.76	35.06	47.58	54.00	-6.42 Average



11ax_80M_Partial_RU484_TX_CH_58_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ax80_RU484 MIMO

		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	5128.941	10.06	32.36	30.85	45.48	57.05	74.00	-16.95 peak
2	pp 5290.000	10.28	32.68	30.78	93.17	105.35	68.20	37.15 peak
3	5356.042	10.47	32.80	30.76	47.81	60.32	74.00	-13.68 peak



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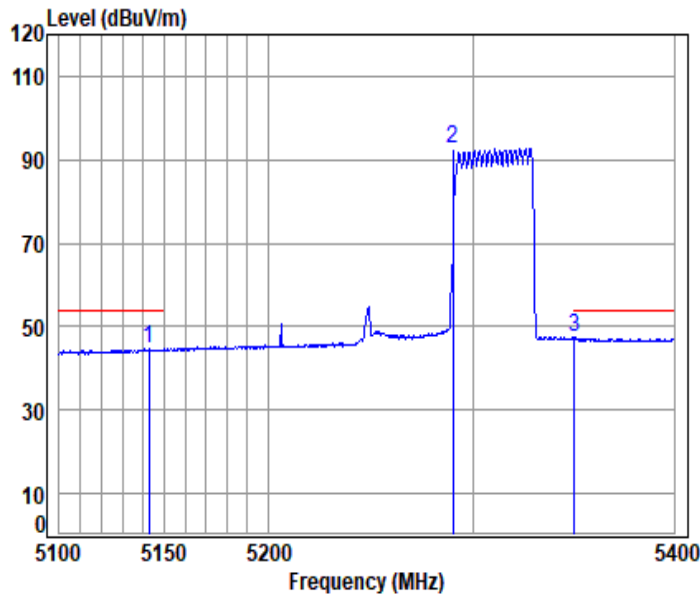
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 185 of 760

11ax_80M_Partial_RU484_TX_CH_58_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ax80_RU484 MIMO

		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	5142.738	10.11	32.39	30.84	32.98	44.64	54.00	-9.36 Average
2	5290.000	10.28	32.68	30.78	80.47	92.65	-----	----- Average
3 pp	5350.229	10.45	32.80	30.76	34.80	47.29	54.00	-6.71 Average



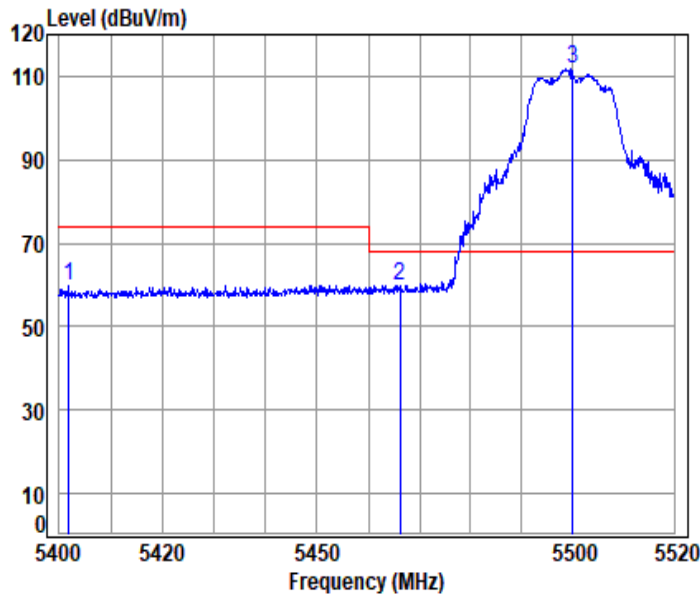
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11a_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

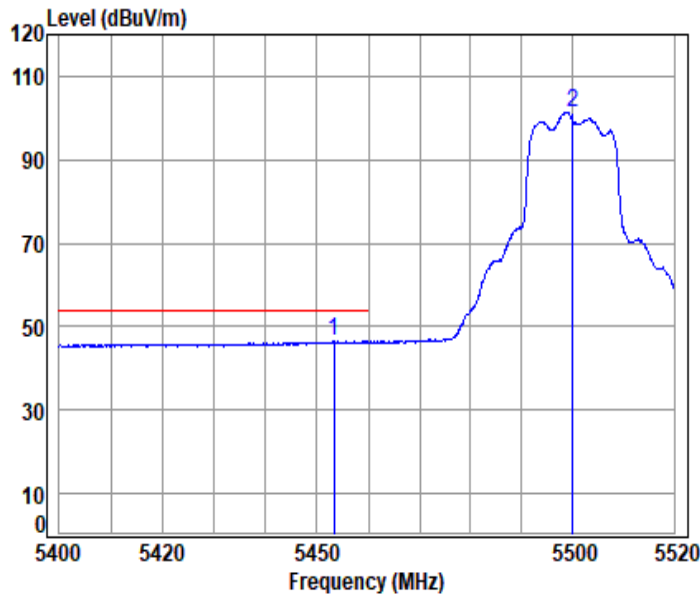
Mode : 5500 Band edge

: 5G Wi-Fi 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	5401.781	10.62	32.80	30.74	47.16	59.84	74.00	-14.16	peak
2	5466.274	10.59	32.90	30.71	47.10	59.88	68.20	-8.32	peak
3 pp	5500.000	10.58	32.90	30.70	98.99	111.77	68.20	43.57	peak



11a_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 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 5453.314	10.60	32.90	30.72	33.77	46.55	54.00	-7.45	Average
2 5500.000	10.58	32.90	30.70	88.63	101.41	-----	-----	Average



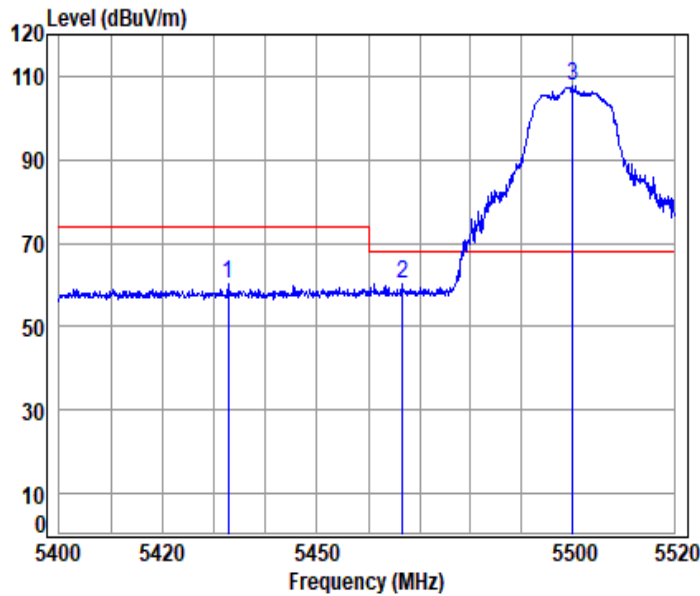
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Report No.: SZCR241100451006

Page: 188 of 760

11a_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 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	5432.737	10.61	32.87	30.73	47.38	60.13	74.00	-13.87	peak
2	5466.755	10.59	32.90	30.71	47.66	60.44	68.20	-7.76	peak
3 pp	5500.000	10.58	32.90	30.70	94.83	107.61	68.20	39.41	peak



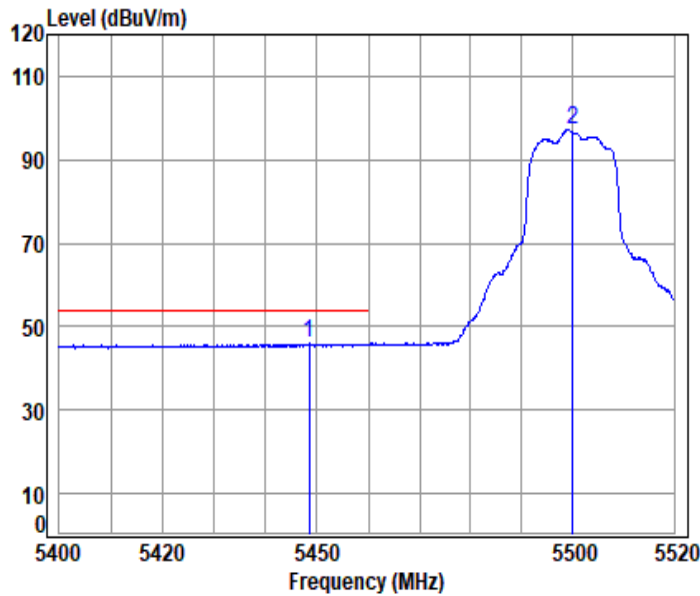
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11a_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 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 5448.522	10.60	32.90	30.72	33.08	45.86	54.00	-8.14	Average
2 5500.000	10.58	32.90	30.70	84.61	97.39	-----	-----	Average



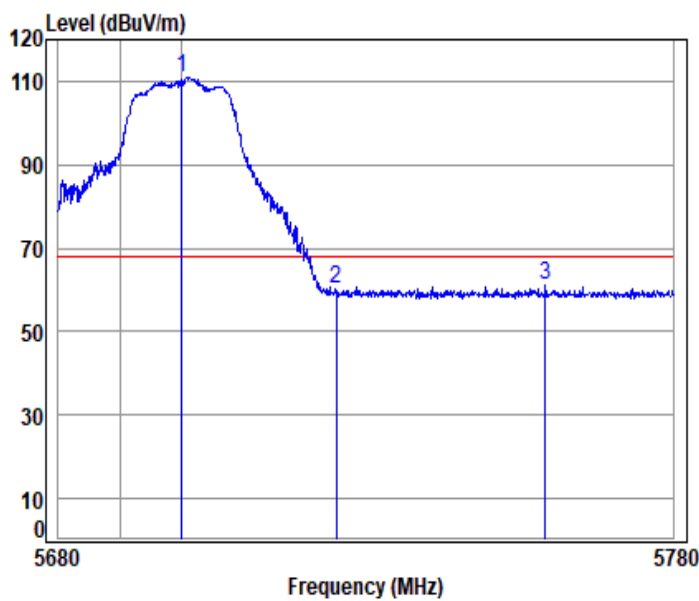
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 190 of 760

11a_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5700 Band edge

: 5G Wi-Fi 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	pp 5700.000	10.56	33.20	30.62	97.84	110.98	68.20	42.78 peak
2	5725.000	10.68	33.25	30.61	47.05	60.37	68.20	-7.83 peak
3	5759.056	10.83	33.32	30.60	47.38	60.93	68.20	-7.27 peak



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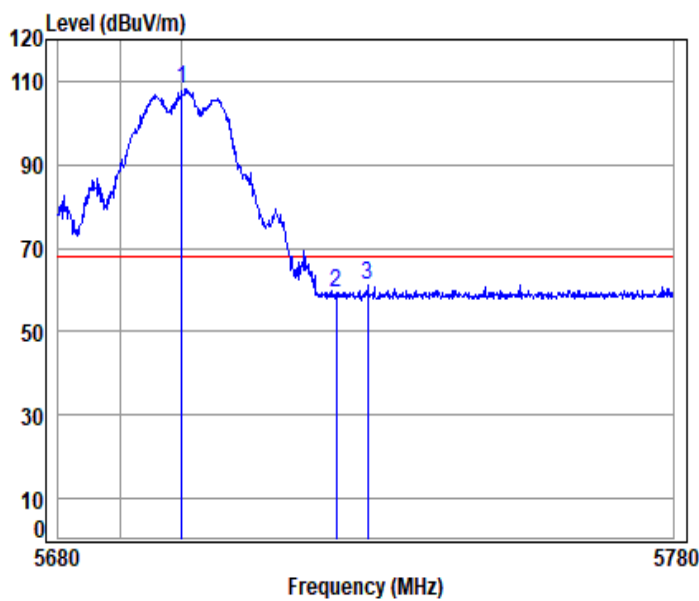
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Report No.: SZCR241100451006

Page: 191 of 760

11a_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5700 Band edge

: 5G Wi-Fi 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 5700.000	10.56	33.20	30.62	94.95	108.09	68.20	39.89 peak
2	5725.000	10.68	33.25	30.61	45.97	59.29	68.20	-8.91 peak
3	5730.082	10.70	33.26	30.61	47.79	61.14	68.20	-7.06 peak



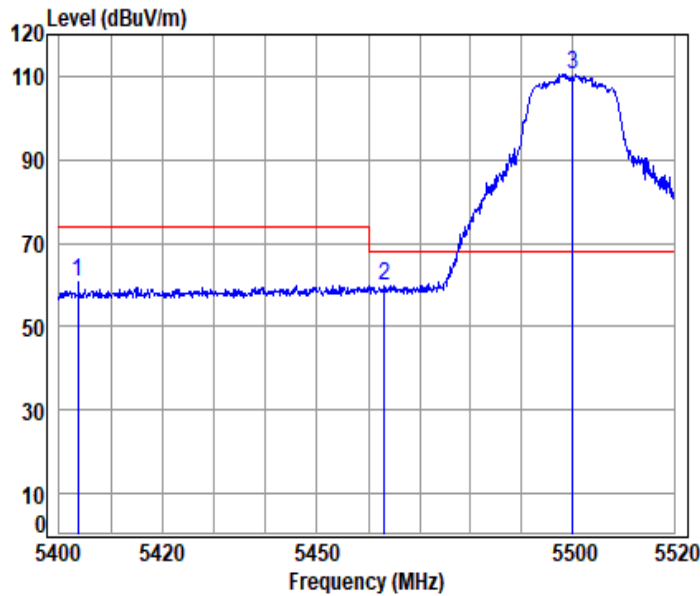
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11ac_HT(20M)_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

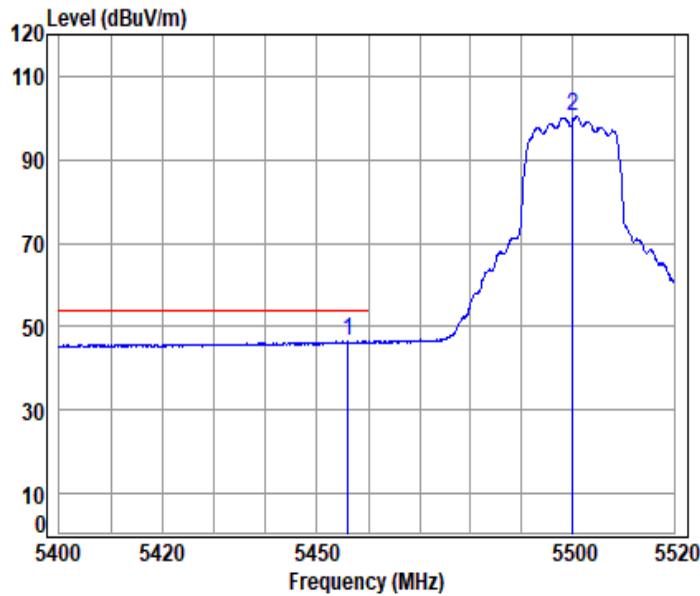
Mode : 5500 Band edge

: 5G Wi-Fi 11ac20 MIMO

		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	5403.681	10.62	32.81	30.74	47.82	60.51	74.00	-13.49	peak
2	5463.151	10.59	32.90	30.71	47.06	59.84	68.20	-8.36	peak
3 pp	5500.000	10.58	32.90	30.70	97.68	110.46	68.20	42.26	peak



11ac_HT(20M)_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

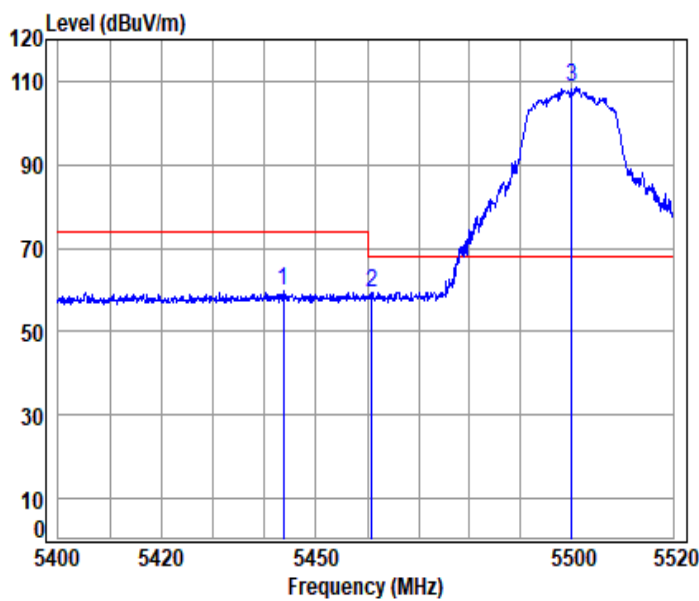
Mode : 5500 Band edge

: 5G Wi-Fi 11ac20 MIMO

		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 5456.072	10.60	32.90	30.72	33.60	46.38	54.00	-7.62	Average
2	5500.000	10.58	32.90	30.70	87.56	100.34	-----	-----	Average



11ac_HT(20M)_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

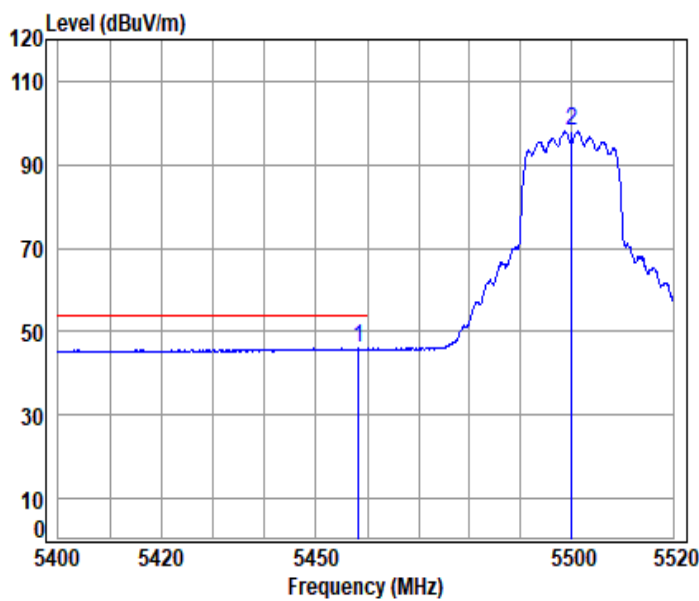
Mode : 5500 Band edge

: 5G Wi-Fi 11ac20 MIMO

	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	5443.614	10.60	32.89	30.72	47.19	59.96	74.00	-14.04 peak
2	5460.871	10.60	32.90	30.72	46.65	59.43	68.20	-8.77 peak
3 pp	5500.000	10.58	32.90	30.70	95.76	108.54	68.20	40.34 peak



11ac_HT(20M)_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ac20 MIMO

		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 5458.351	10.60	32.90	30.72	33.19	45.97	54.00	-8.03	Average
2	5500.000	10.58	32.90	30.70	85.19	97.97	-----	-----	Average



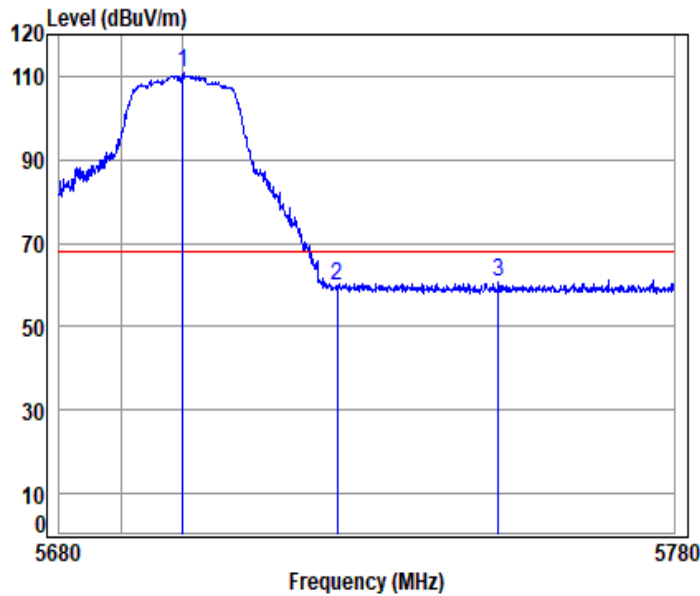
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 196 of 760

11ac_HT(20M)_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5700 Band edge

: 5G Wi-Fi 11ac20 MIMO

	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 5700.000	10.56	33.20	30.62	97.60	110.74	68.20	42.54 peak
2 5725.000	10.68	33.25	30.61	46.39	59.71	68.20	-8.49 peak
3 5751.222	10.80	33.30	30.60	47.38	60.88	68.20	-7.32 peak



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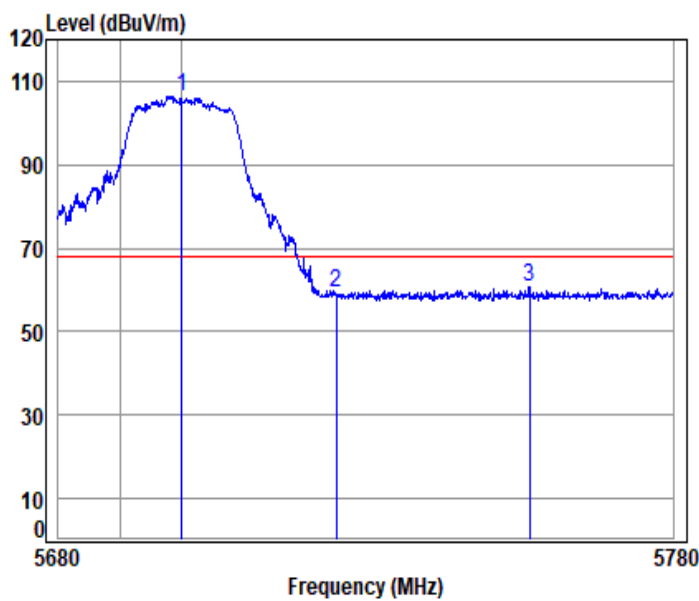
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Report No.: SZCR241100451006

Page: 197 of 760

11ac_HT(20M)_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5700 Band edge

: 5G Wi-Fi 11ac20 MIMO

		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 5700.000	10.56	33.20	30.62	93.11	106.25	68.20	38.05 peak
2	5725.000	10.68	33.25	30.61	46.07	59.39	68.20	-8.81 peak
3	5756.544	10.82	33.31	30.60	47.26	60.79	68.20	-7.41 peak



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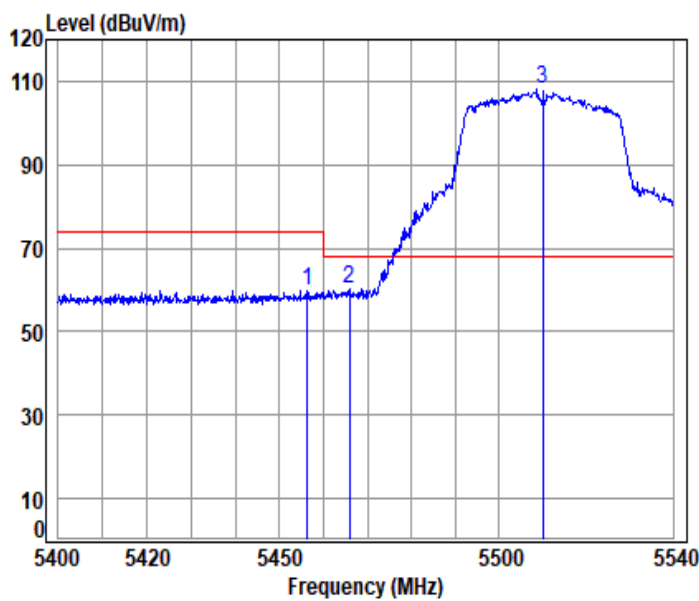
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Report No.: SZCR241100451006

Page: 198 of 760

11ac_HT(40M)_TX_CH_102_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ac40 MIMO

		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	5456.269	10.60	32.90	30.72	47.13	59.91	74.00	-14.09 peak
2	5465.914	10.59	32.90	30.71	47.56	60.34	68.20	-7.86 peak
3 pp	5510.000	10.56	32.90	30.70	95.21	107.97	68.20	39.77 peak



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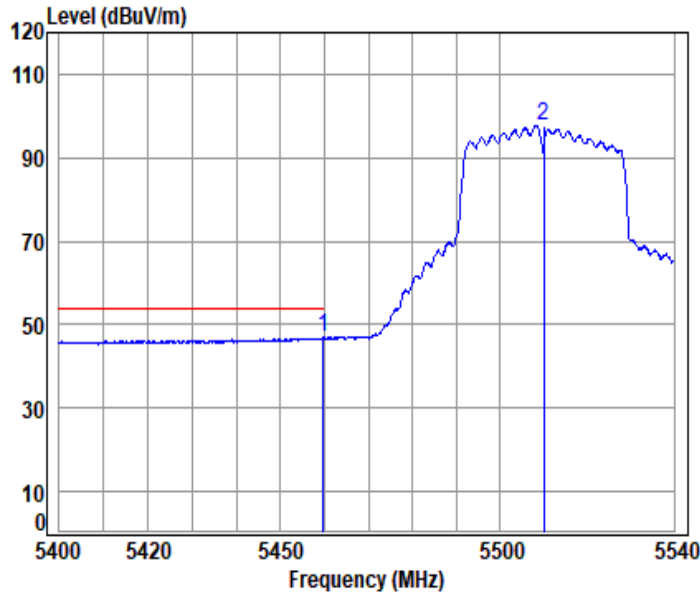
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 199 of 760

11ac_HT(40M)_TX_CH_102_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ac40 MIMO

	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 5459.622	10.60	32.90	30.72	34.20	46.98	54.00	-7.02 Average
2 5510.000	10.56	32.90	30.70	84.89	97.65	-----	----- Average



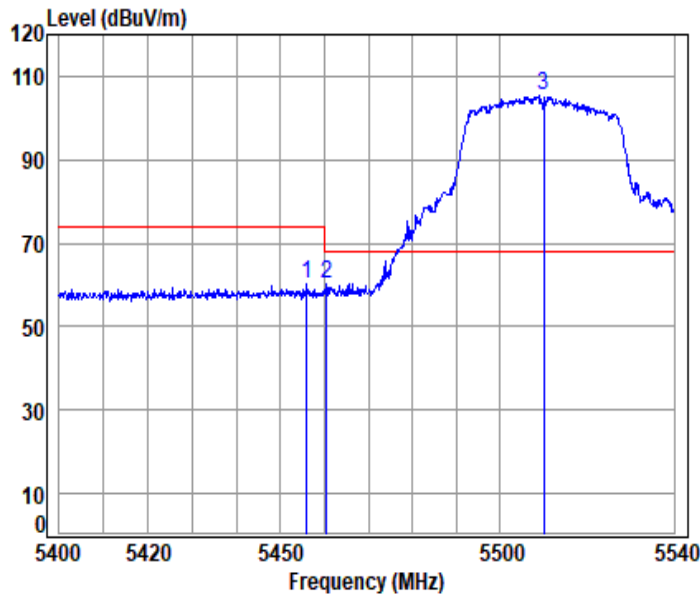
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11ac_HT(40M)_TX_CH_102_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ac40 MIMO

		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	5455.850	10.60	32.90	30.72	47.35	60.13	74.00	-13.87 peak
2	5460.460	10.60	32.90	30.72	47.47	60.25	68.20	-7.95 peak
3 pp	5510.000	10.56	32.90	30.70	92.50	105.26	68.20	37.06 peak



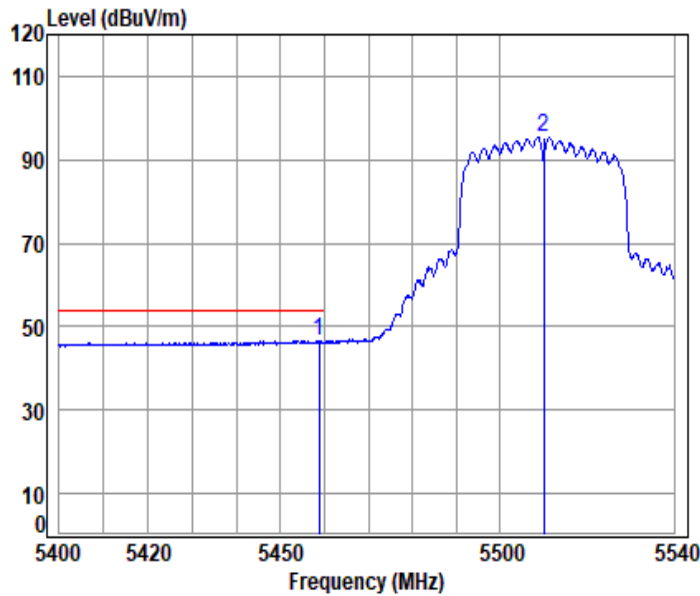
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Report No.: SZCR241100451006

Page: 201 of 760

11ac_HT(40M)_TX_CH_102_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ac40 MIMO

	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 5458.783	10.60	32.90	30.72	33.77	46.55	54.00	-7.45 Average
2 5510.000	10.56	32.90	30.70	82.81	95.57	-----	----- Average



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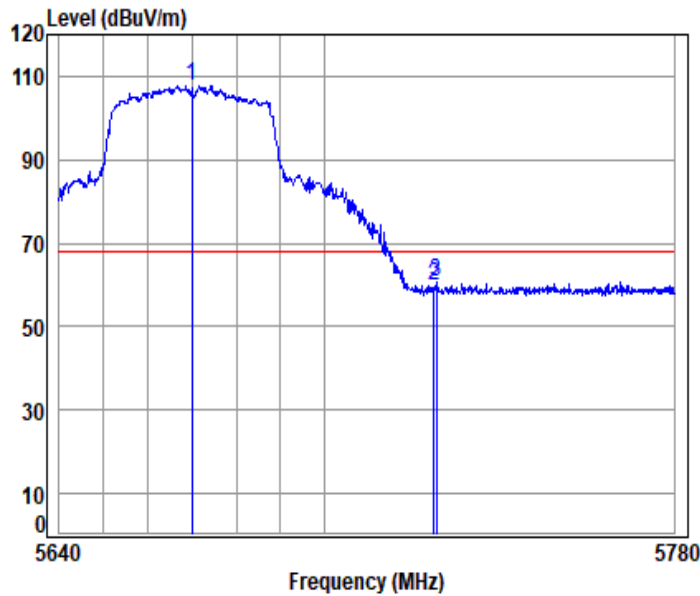
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Report No.: SZCR241100451006

Page: 202 of 760

11ac_HT(40M)_TX_CH_134_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5670 Band edge

: 5G Wi-Fi 11ac40 MIMO

	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 5670.000	10.52	33.14	30.63	94.78	107.81	68.20	39.61 peak
2 5725.000	10.68	33.25	30.61	46.23	59.55	68.20	-8.65 peak
3 5725.553	10.68	33.25	30.61	47.41	60.73	68.20	-7.47 peak



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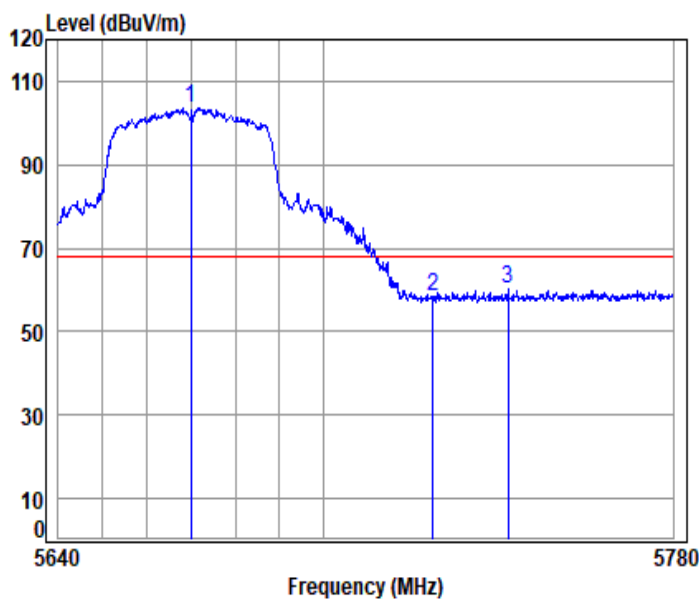
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Report No.: SZCR241100451006

Page: 203 of 760

11ac_HT(40M)_TX_CH_134_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5670 Band edge

: 5G Wi-Fi 11ac40 MIMO

	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 5670.000	10.52	33.14	30.63	90.67	103.70	68.20	35.50 peak
2 5725.000	10.68	33.25	30.61	45.17	58.49	68.20	-9.71 peak
3 5742.143	10.75	33.28	30.60	46.75	60.18	68.20	-8.02 peak



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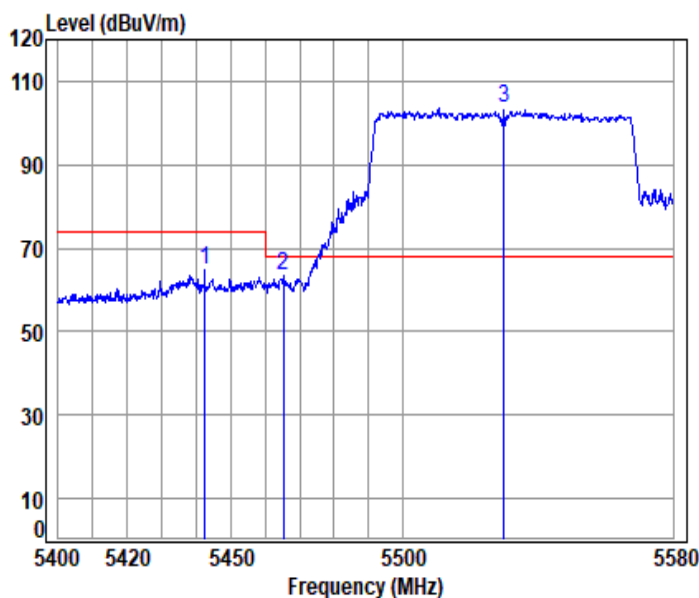
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Report No.: SZCR241100451006

Page: 204 of 760

11ac_VHT(80M)_TX_CH_106_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ac80 MIMO

		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	5442.306	10.60	32.88	30.72	51.83	64.59	74.00	-9.41 peak
2	5465.196	10.59	32.90	30.71	50.46	63.24	68.20	-4.96 peak
3 pp	5530.000	10.53	32.90	30.69	90.96	103.70	68.20	35.50 peak



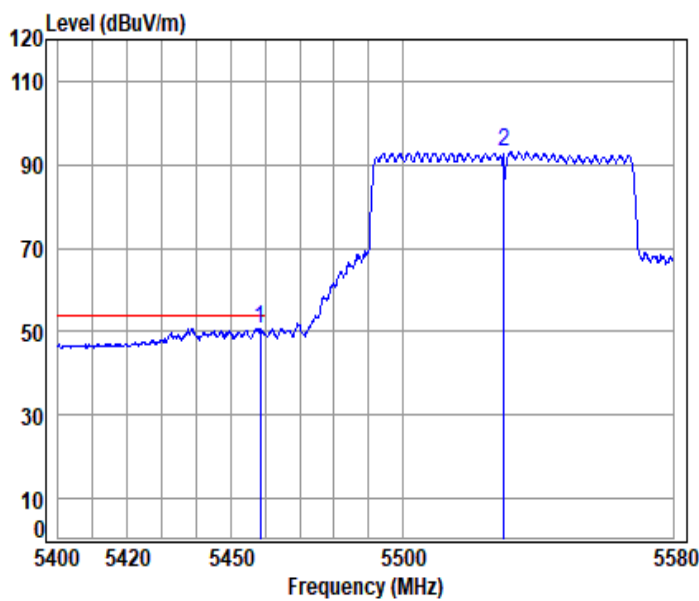
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11ac_VHT(80M)_TX_CH_106_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ac80 MIMO

	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 5458.570	10.60	32.90	30.72	38.07	50.85	54.00	-3.15 Average
2 5530.000	10.53	32.90	30.69	80.28	93.02	-----	----- Average



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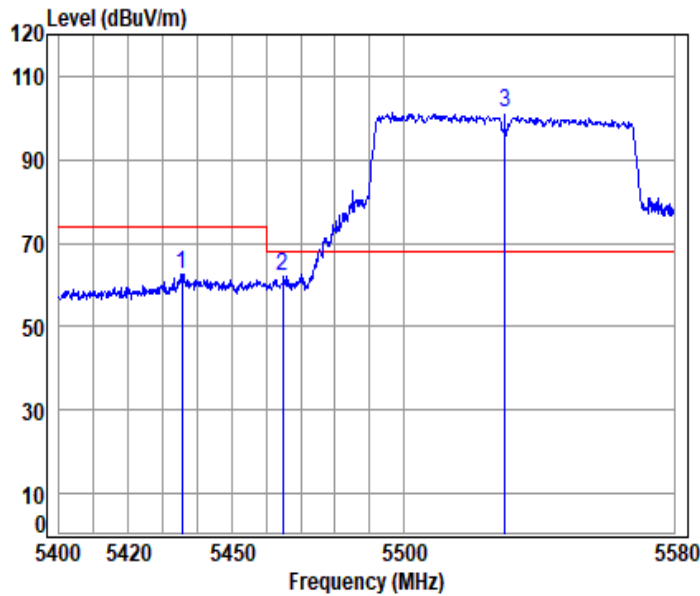
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 206 of 760

11ac_VHT(80M)_TX_CH_106_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ac80 MIMO

		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	5435.529	10.61	32.87	30.73	49.78	62.53	74.00	-11.47 peak
2	5464.838	10.59	32.90	30.71	49.24	62.02	68.20	-6.18 peak
3 pp	5530.000	10.53	32.90	30.69	88.67	101.41	68.20	33.21 peak



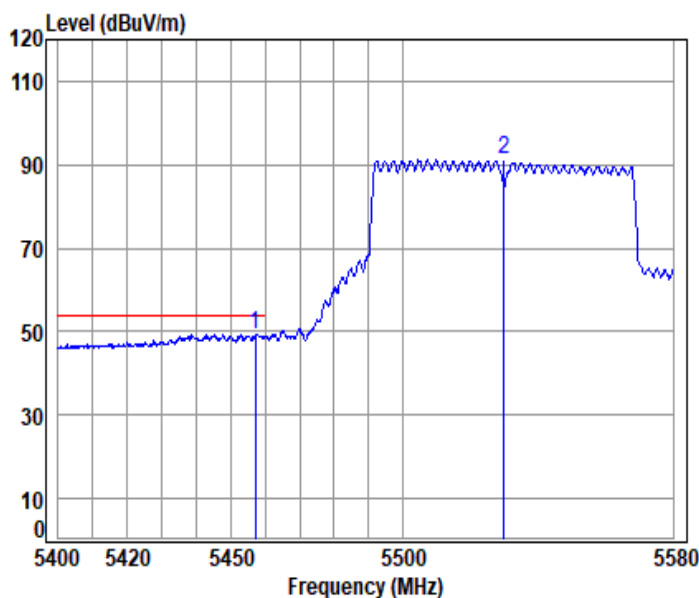
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11ac_VHT(80M)_TX_CH_106_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ac80 MIMO

		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 5456.959	10.60	32.90	30.72	36.60	49.38	54.00	-4.62 Average
2	5530.000	10.53	32.90	30.69	78.37	91.11	-----	----- Average



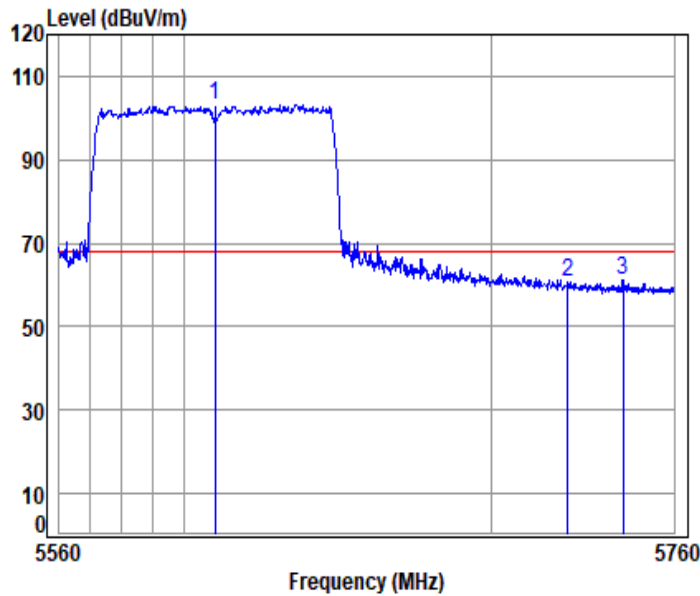
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Report No.: SZCR241100451006

Page: 208 of 760

11ac_VHT(80M)_TX_CH_122_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5610 Band edge

: 5G Wi-Fi 11ac80 MIMO

	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 5610.000	10.43	33.02	30.66	90.39	103.18	68.20	34.98 peak
2 5725.000	10.68	33.25	30.61	47.38	60.70	68.20	-7.50 peak
3 5743.130	10.76	33.29	30.60	47.52	60.97	68.20	-7.23 peak



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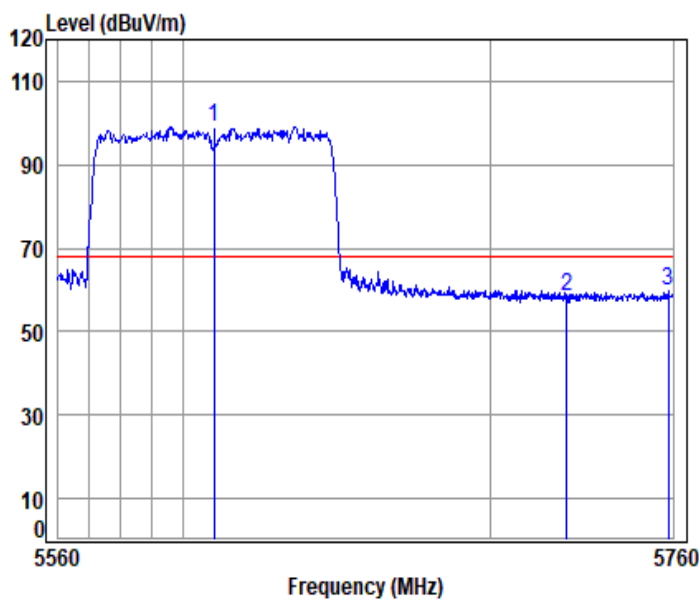
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Report No.: SZCR241100451006

Page: 209 of 760

11ac_VHT(80M)_TX_CH_122_Verical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5610 Band edge

: 5G Wi-Fi 11ac80 MIMO

	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 5610.000	10.43	33.02	30.66	86.25	99.04	68.20	30.84 peak
2 5725.000	10.68	33.25	30.61	45.13	58.45	68.20	-9.75 peak
3 5758.372	10.83	33.32	30.60	46.03	59.58	68.20	-8.62 peak



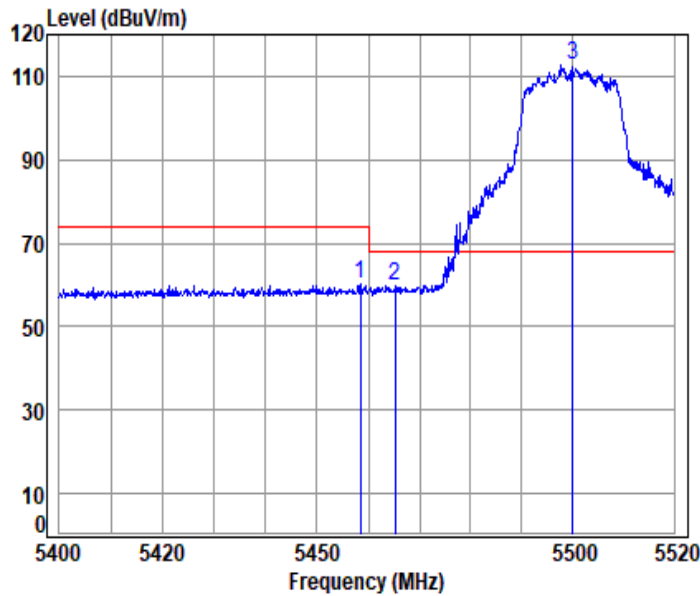
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11ax_20M_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20 MIMO

		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	5458.471	10.60	32.90	30.72	47.33	60.11	74.00	-13.89	peak
2	5465.313	10.59	32.90	30.71	46.97	59.75	68.20	-8.45	peak
3 pp	5500.000	10.58	32.90	30.70	99.77	112.55	68.20	44.35	peak



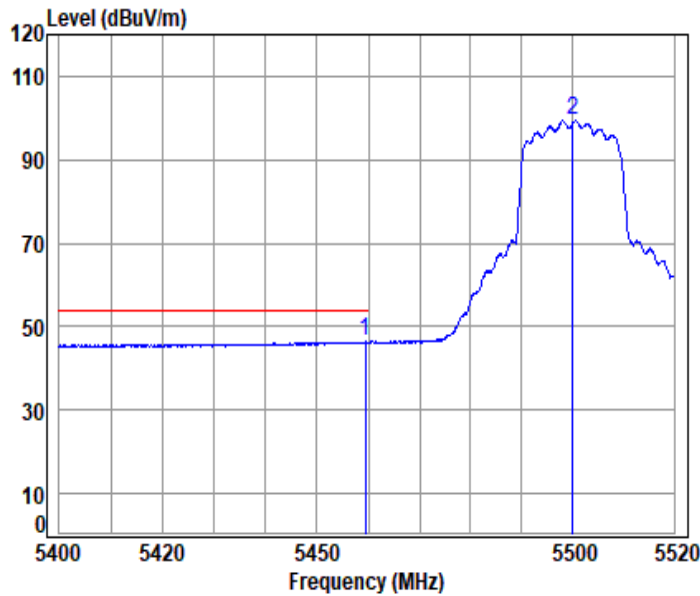
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Report No.: SZCR241100451006

Page: 211 of 760

11ax_20M_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20 MIMO

	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 5459.430	10.60	32.90	30.72	33.58	46.36	54.00	-7.64	Average
2 5500.000	10.58	32.90	30.70	86.63	99.41	-----	-----	Average



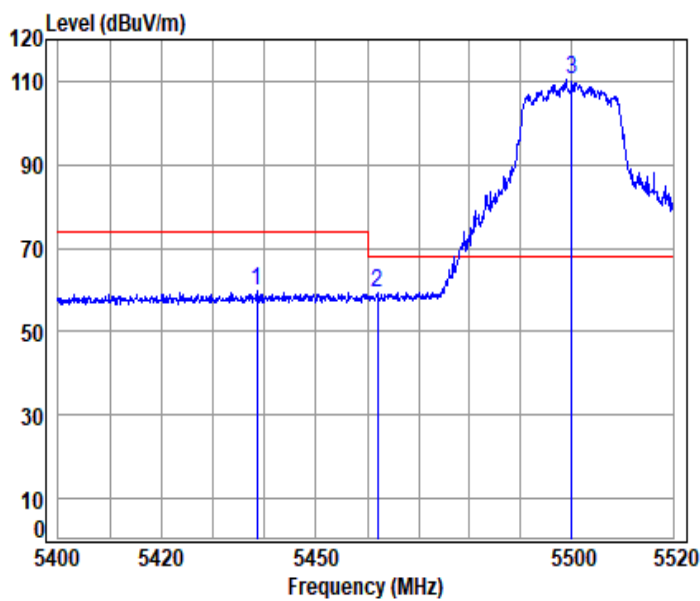
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11ax_20M_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20 MIMO

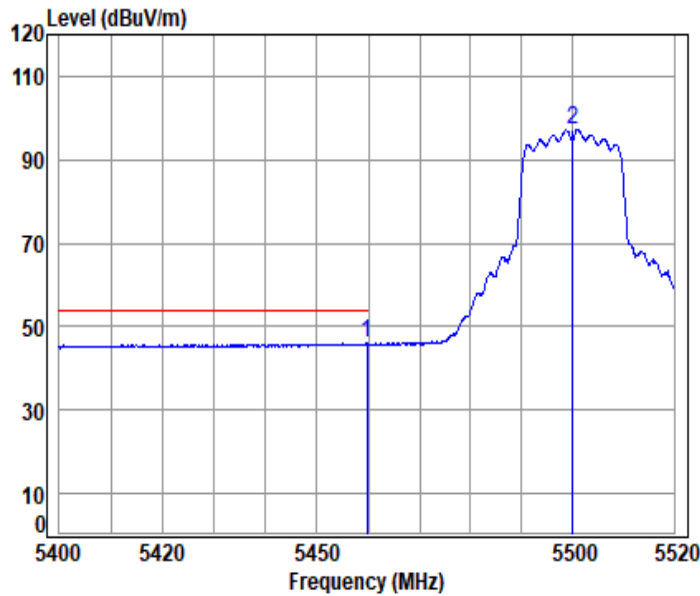
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5438.472	10.60	32.88	30.72	46.79	59.55	74.00	-14.45	peak
2	5461.951	10.60	32.90	30.72	46.54	59.32	68.20	-8.88	peak
3 pp	5500.000	10.58	32.90	30.70	97.63	110.41	68.20	42.21	peak



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11ax_20M_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20 MIMO

	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 5459.791	10.60	32.90	30.72	33.23	46.01	54.00	-7.99	Average
2 5500.000	10.58	32.90	30.70	84.43	97.21	-----	-----	Average



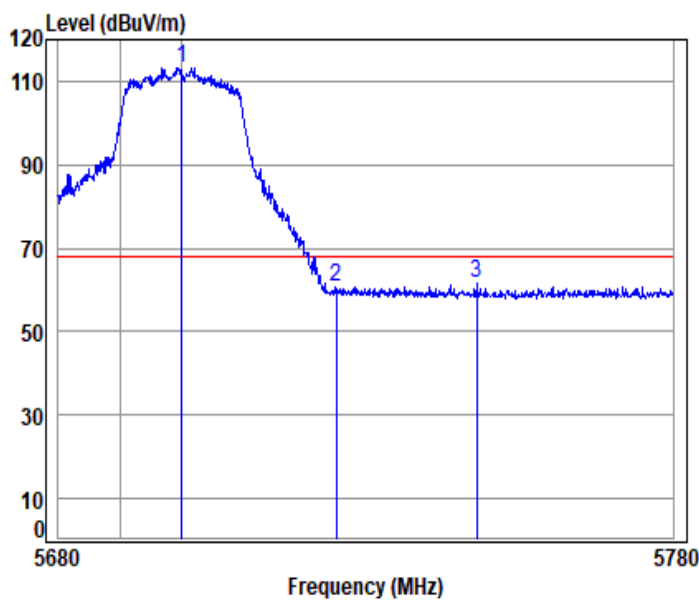
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Report No.: SZCR241100451006

Page: 214 of 760

11ax_20M_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5700 Band edge

: 5G Wi-Fi 11ax20 MIMO

		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 5700.000	10.56	33.20	30.62	100.17	113.31	68.20	45.11	peak
2 5725.000	10.68	33.25	30.61	47.55	60.87	68.20	-7.33	peak
3 5747.910	10.78	33.30	30.60	48.08	61.56	68.20	-6.64	peak



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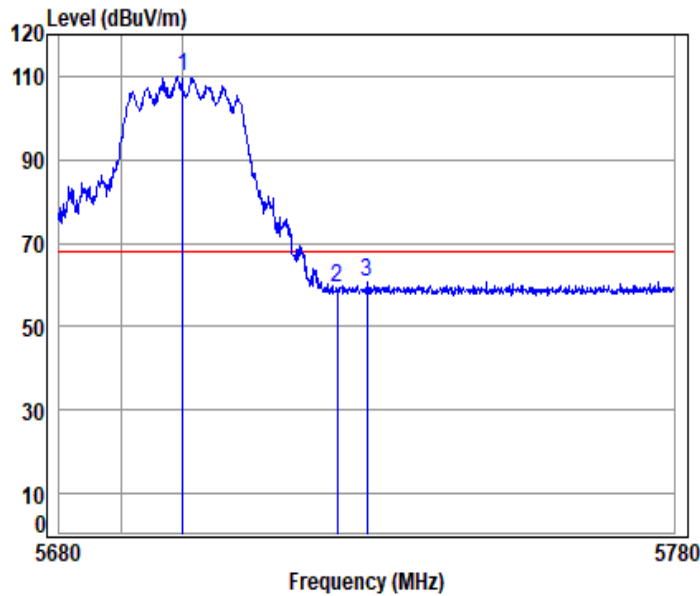
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 215 of 760

11ax_20M_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5700 Band edge

: 5G Wi-Fi 11ax20 MIMO

	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 5700.000	10.56	33.20	30.62	96.80	109.94	68.20	41.74 peak
2 5725.000	10.68	33.25	30.61	45.98	59.30	68.20	-8.90 peak
3 5729.882	10.70	33.26	30.61	47.27	60.62	68.20	-7.58 peak



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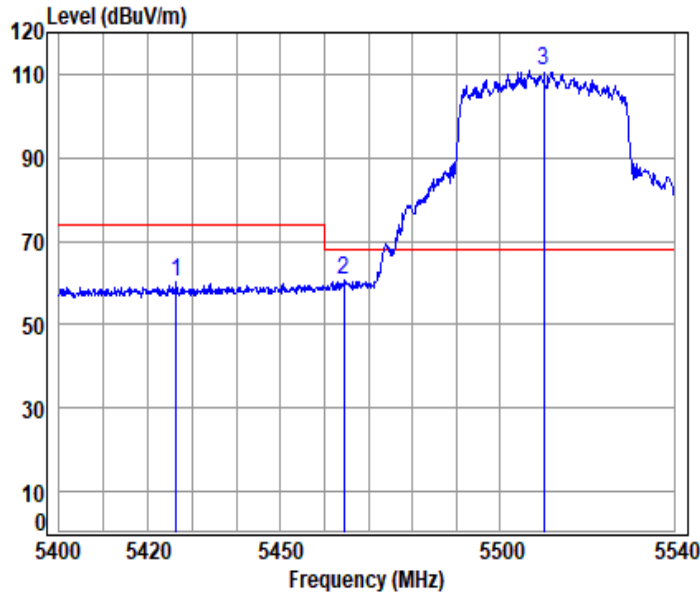
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Report No.: SZCR241100451006

Page: 216 of 760

11ax_40M_TX_CH_102_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ax40 MIMO

		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	5426.325	10.61	32.85	30.73	47.33	60.06	74.00	-13.94 peak
2	5464.375	10.59	32.90	30.71	47.86	60.64	68.20	-7.56 peak
3 pp	5510.000	10.56	32.90	30.70	98.01	110.77	68.20	42.57 peak



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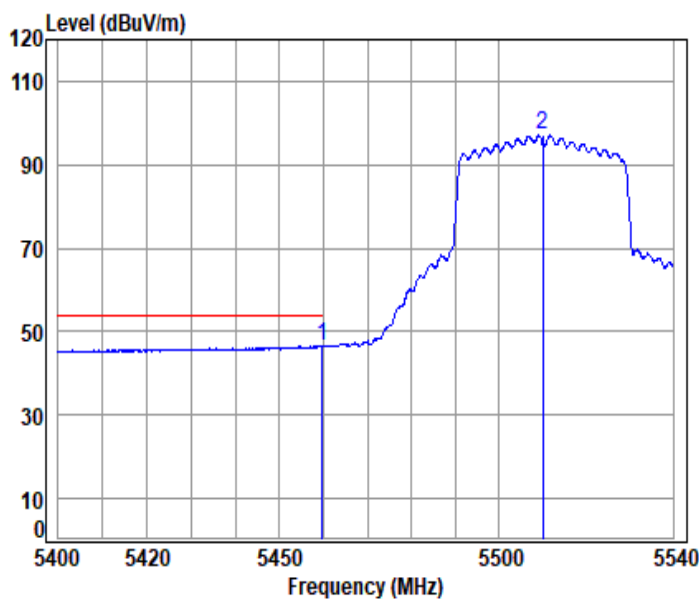
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 217 of 760

11ax_40M_TX_CH_102_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ax40 MIMO

	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 5459.622	10.60	32.90	30.72	33.83	46.61	54.00	-7.39 Average
2 5510.000	10.56	32.90	30.70	84.35	97.11	-----	----- Average



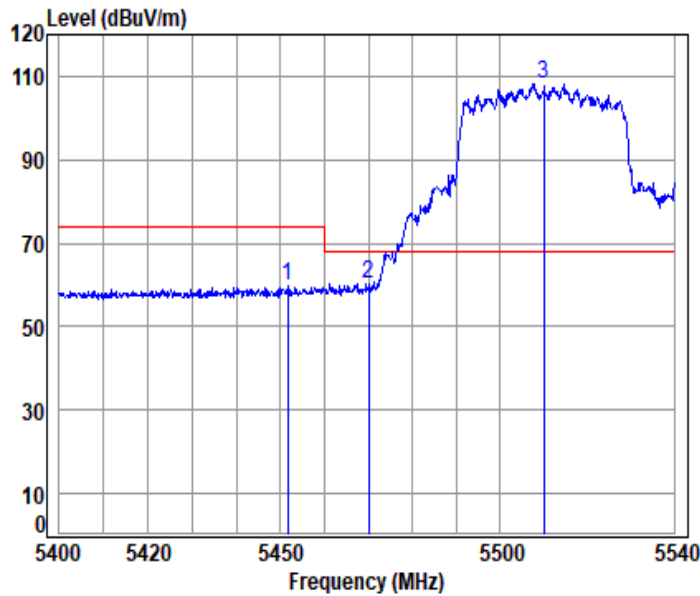
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11ax_40M_TX_CH_102_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ax40 MIMO

	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	5451.662	10.60	32.90	30.72	46.78	59.56	74.00 -14.44 peak
2	5469.972	10.59	32.90	30.71	47.63	60.41	68.20 -7.79 peak
3 pp	5510.000	10.56	32.90	30.70	95.45	108.21	68.20 40.01 peak



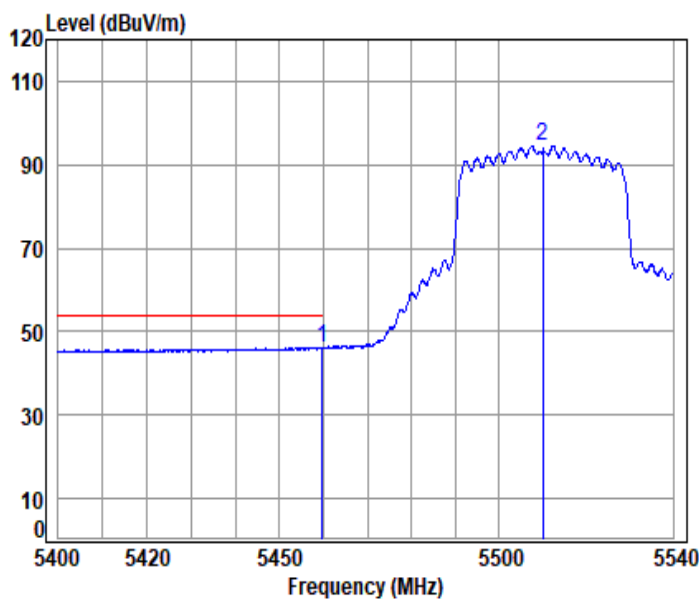
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 219 of 760

11ax_40M_TX_CH_102_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ax40 MIMO

	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 5459.622	10.60	32.90	30.72	33.49	46.27	54.00	-7.73	Average
2 5510.000	10.56	32.90	30.70	81.72	94.48	-----	-----	Average



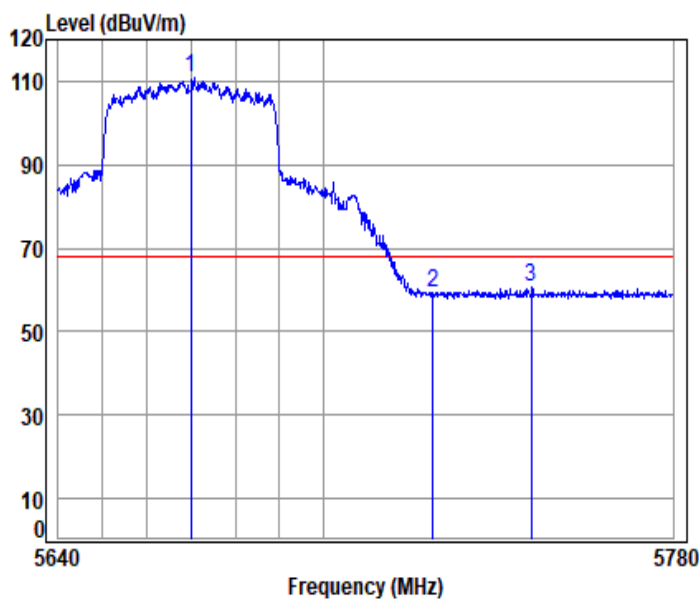
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11ax_40M_TX_CH_134_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5670 Band edge

: 5G Wi-Fi 11ax40 MIMO

		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	5670.000	10.52	33.14	30.63	98.05	111.08	68.20	42.88 peak
2	5725.000	10.68	33.25	30.61	46.15	59.47	68.20	-8.73 peak
3	5747.496	10.78	33.29	30.60	47.42	60.89	68.20	-7.31 peak



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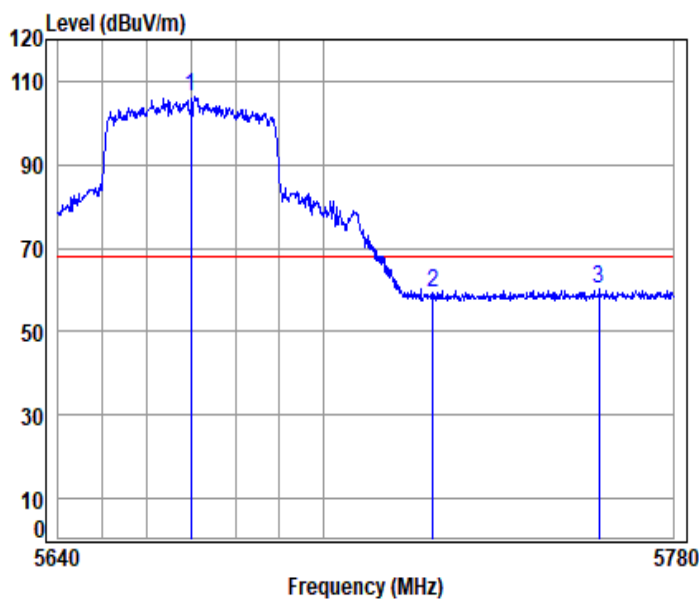
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Report No.: SZCR241100451006

Page: 221 of 760

11ax_40M_TX_CH_134_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5670 Band edge

: 5G Wi-Fi 11ax40 MIMO

	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 5670.000	10.52	33.14	30.63	93.08	106.11	68.20	37.91 peak
2 5725.000	10.68	33.25	30.61	45.84	59.16	68.20	-9.04 peak
3 5763.018	10.85	33.33	30.59	46.66	60.25	68.20	-7.95 peak



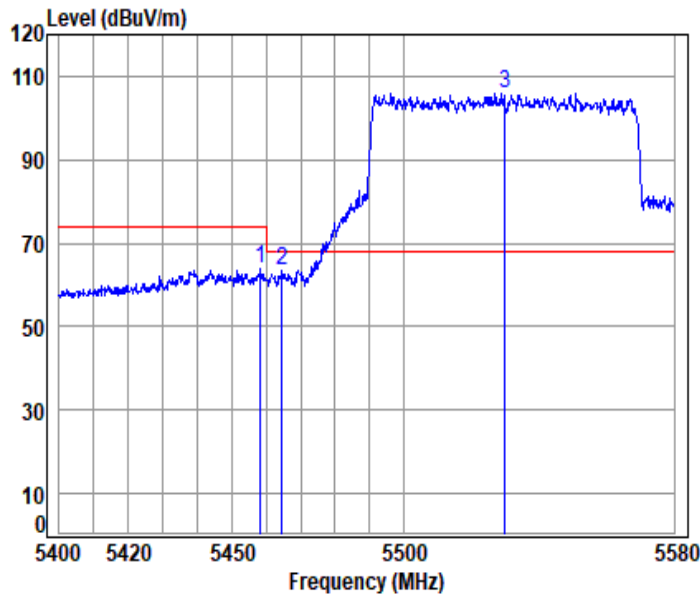
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11ax_80M_TX_CH_106_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ax80 MIMO

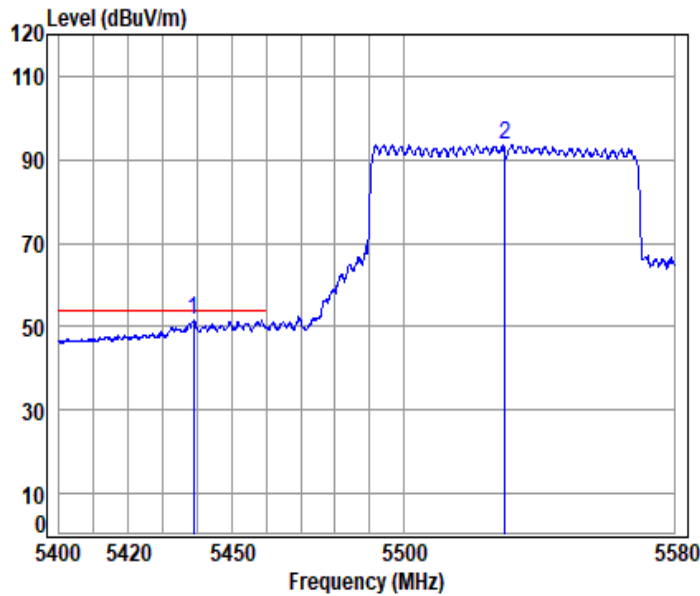
		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.212	10.60	32.90	30.72	50.99	63.77	74.00	-10.23 peak
2	5464.479	10.59	32.90	30.71	50.75	63.53	68.20	-4.67 peak
3 pp	5530.000	10.53	32.90	30.69	93.20	105.94	68.20	37.74 peak



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11ax_80M_TX_CH_106_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ax80 MIMO

	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 5438.917	10.60	32.88	30.72	38.69	51.45	54.00	-2.55	Average
2 5530.000	10.53	32.90	30.69	80.74	93.48	-----	-----	Average



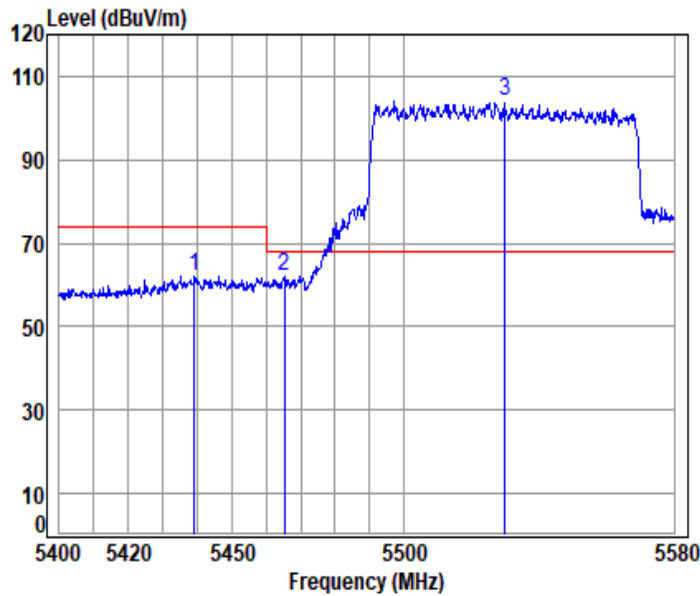
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Report No.: SZCR241100451006

Page: 224 of 760

11ax_80M_TX_CH_106_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ax80 MIMO

		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	5439.095	10.60	32.88	30.72	49.33	62.09	74.00	-11.91 peak
2	5465.196	10.59	32.90	30.71	49.34	62.12	68.20	-6.08 peak
3 pp	5530.000	10.53	32.90	30.69	91.44	104.18	68.20	35.98 peak



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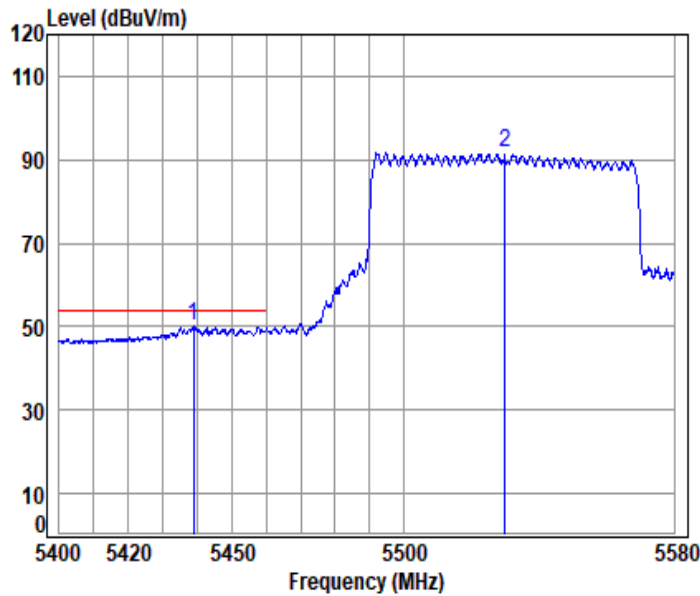
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Report No.: SZCR241100451006

Page: 225 of 760

11ax_80M_TX_CH_106_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ax80 MIMO

	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 5438.738	10.60	32.88	30.72	37.24	50.00	54.00	-4.00 Average
2 5530.000	10.53	32.90	30.69	78.84	91.58	-----	----- Average



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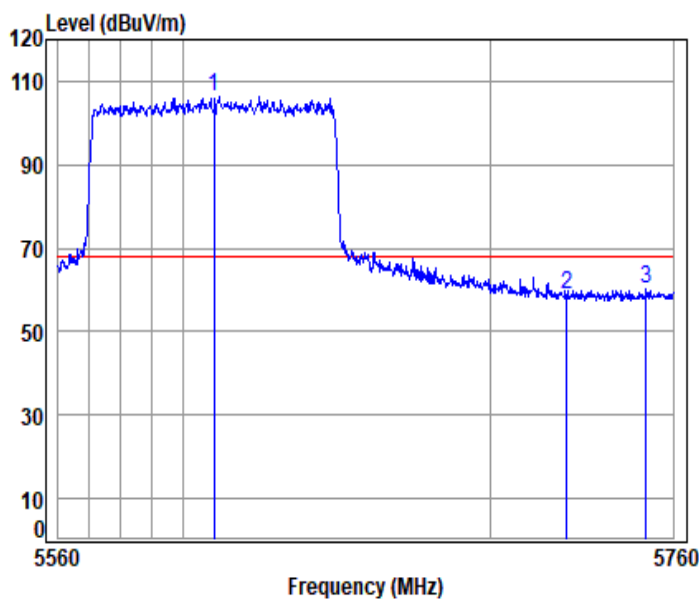
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Report No.: SZCR241100451006

Page: 226 of 760

11ax_80M_TX_CH_122_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5610 Band edge

: 5G Wi-Fi 11ax80 MIMO

		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 5610.000	10.43	33.02	30.66	93.52	106.31	68.20	38.11	peak
2	5725.000	10.68	33.25	30.61	45.55	58.87	68.20	-9.33	peak
3	5751.051	10.79	33.30	30.60	46.85	60.34	68.20	-7.86	peak



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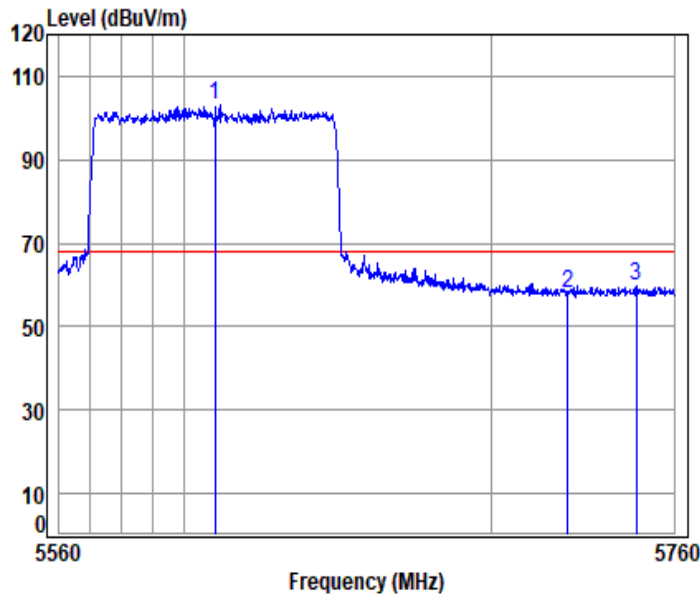
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Report No.: SZCR241100451006

Page: 227 of 760

11ax_80M_TX_CH_122_Verical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5610 Band edge

: 5G Wi-Fi 11ax80 MIMO

	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 5610.000	10.43	33.02	30.66	90.21	103.00	68.20	34.80 peak
2 5725.000	10.68	33.25	30.61	44.82	58.14	68.20	-10.06 peak
3 5747.597	10.78	33.30	30.60	46.21	59.69	68.20	-8.51 peak



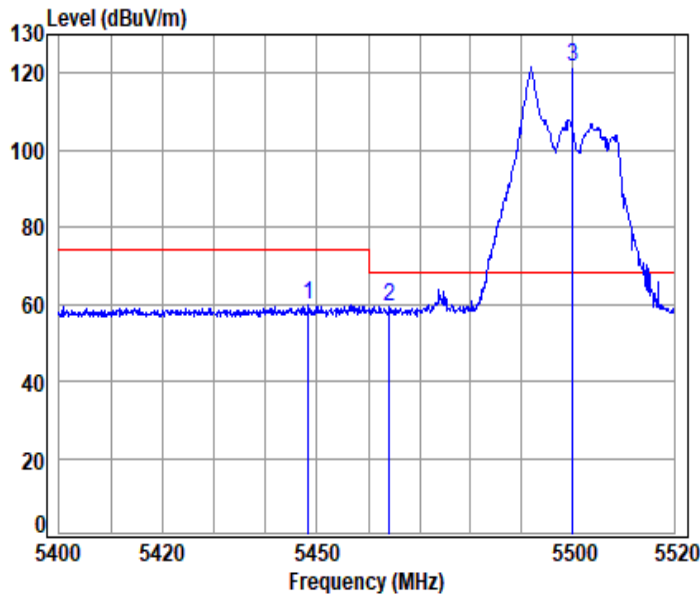
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11ax_20M_Partial_RU26_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20_RU26 MIMO

		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	5448.282	10.60	32.90	30.72	46.95	59.73	74.00	-14.27 peak
2	5464.112	10.59	32.90	30.71	46.70	59.48	68.20	-8.72 peak
3 pp	5500.000	10.58	32.90	30.70	108.85	121.63	68.20	53.43 peak



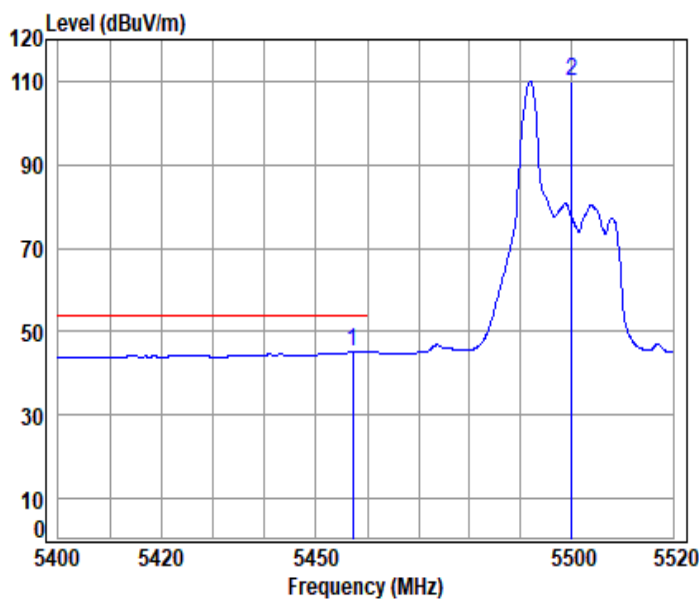
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Report No.: SZCR241100451006

Page: 229 of 760

11ax_20M_Partial_RU26_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20_RU26 MIMO

	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 5457.151	10.60	32.90	30.72	32.34	45.12	54.00	-8.88 Average
2 5500.000	10.58	32.90	30.70	97.03	109.81	-----	----- Average



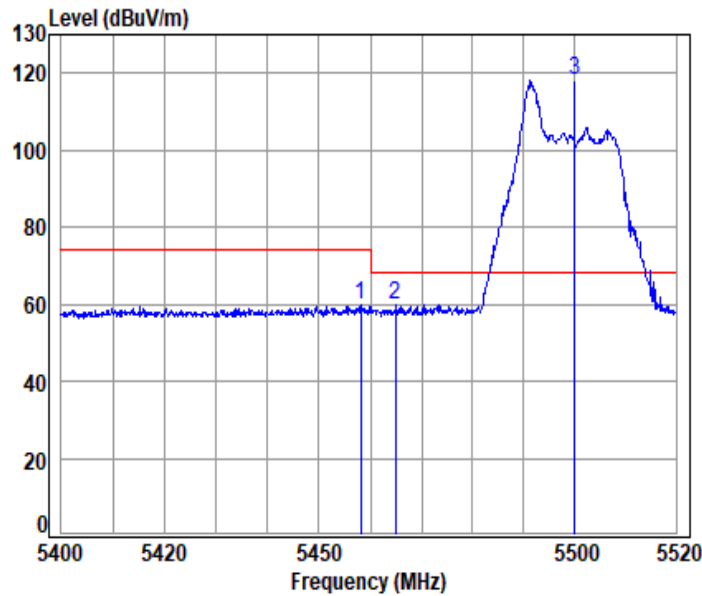
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11ax_20M_Partial_RU26_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

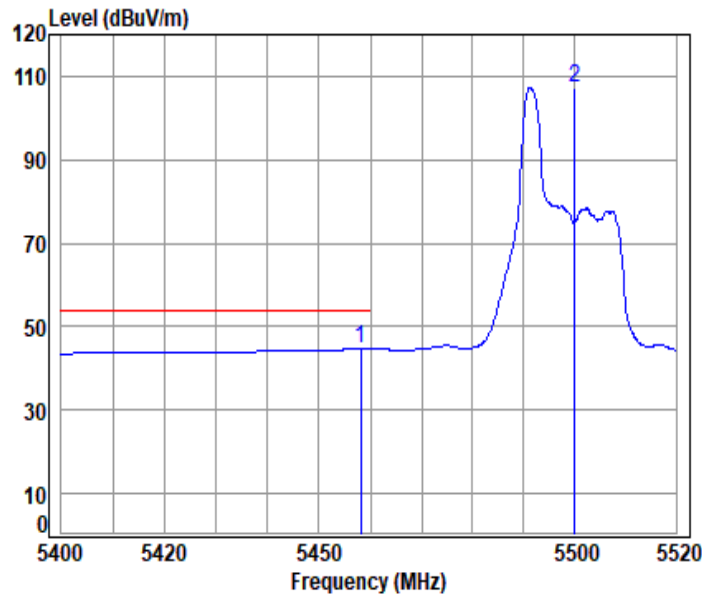
Mode : 5500 Band edge

: 5G Wi-Fi 11ax20_RU26 MIMO

	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	5458.110	10.60	32.90	30.72	46.89	59.67	74.00 -14.33 peak
2	5464.953	10.59	32.90	30.71	47.10	59.88	68.20 -8.32 peak
3 pp	5500.000	10.58	32.90	30.70	105.32	118.10	68.20 49.90 peak



11ax_20M_Partial_RU26_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20_RU26 MIMO

	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 5458.110	10.60	32.90	30.72	32.02	44.80	54.00	-9.20 Average
2 5500.000	10.58	32.90	30.70	94.55	107.33	-----	----- Average



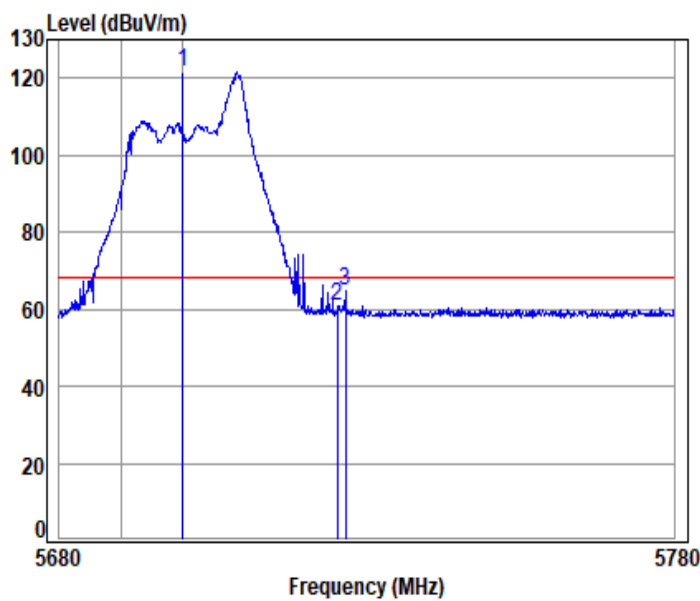
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 232 of 760

11ax_20M_Partial_RU26_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5700 Band edge

: 5G Wi-Fi 11ax20_RU26 MIMO

		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 5700.000	10.56	33.20	30.62	108.62	121.76	68.20	53.56	peak
2 5725.000	10.68	33.25	30.61	47.31	60.63	68.20	-7.57	peak
3 5726.383	10.68	33.25	30.61	51.65	64.97	68.20	-3.23	peak



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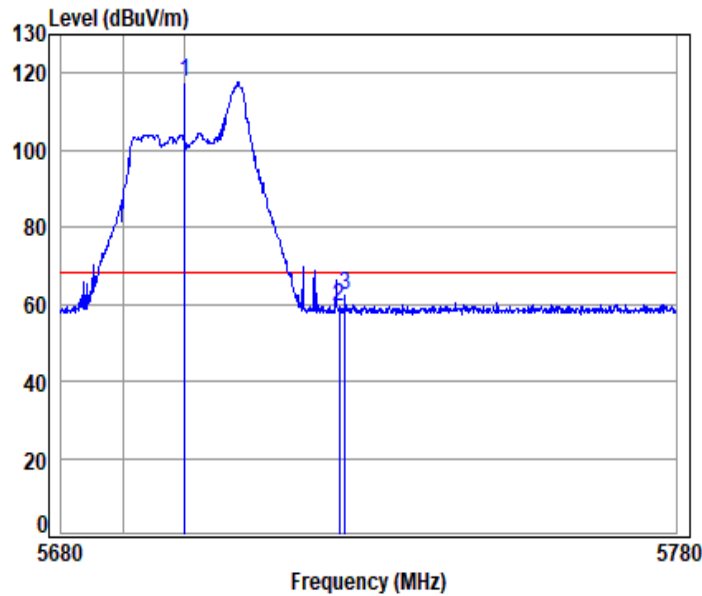
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 233 of 760

11ax_20M_Partial_RU26_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5700 Band edge

: 5G Wi-Fi 11ax20_RU26 MIMO

		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 5700.000	10.56	33.20	30.62	104.45	117.59	68.20	49.39	peak
2 5725.000	10.68	33.25	30.61	46.24	59.56	68.20	-8.64	peak
3 5725.983	10.68	33.25	30.61	48.83	62.15	68.20	-6.05	peak



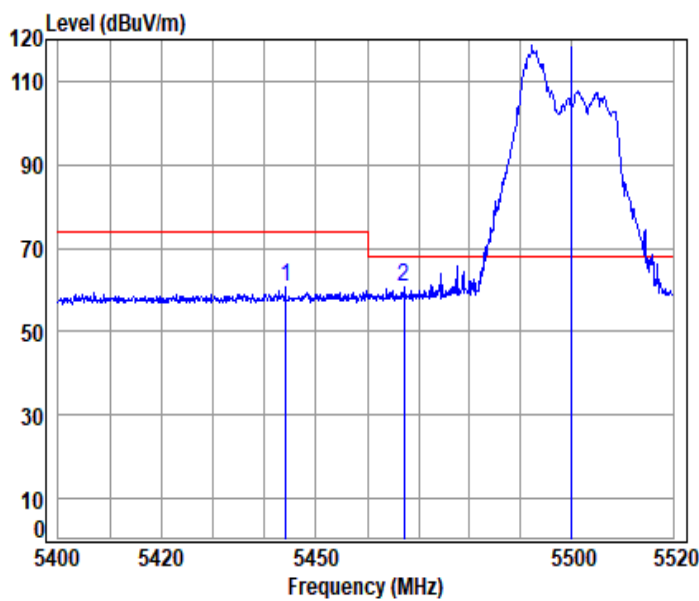
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11ax_20M_Partial_RU52_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20_RU52 MIMO

	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	
5444.093	10.60	32.89	30.72	47.87	60.64	74.00	-13.36	peak
5467.115	10.59	32.90	30.71	47.68	60.46	68.20	-7.74	peak
5500.000	10.58	32.90	30.70	105.64	118.42	68.20	50.22	peak



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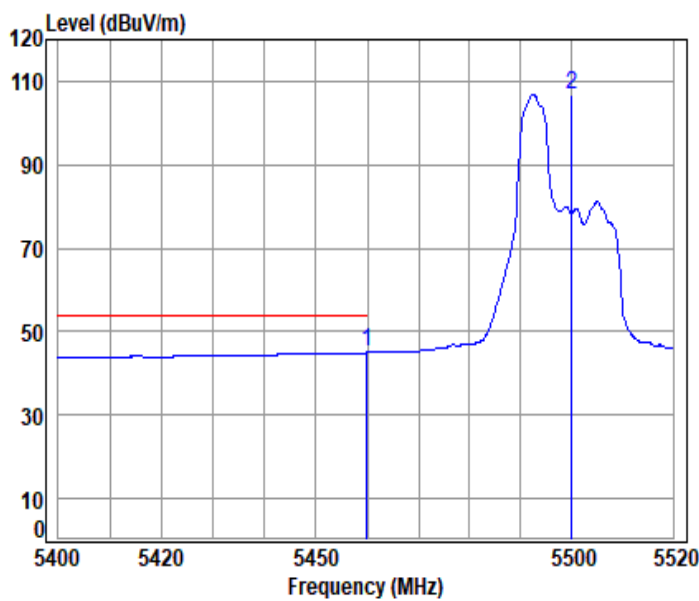
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 235 of 760

11ax_20M_Partial_RU52_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20_RU52 MIMO

	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 5459.910	10.60	32.90	30.72	32.18	44.96	54.00	-9.04 Average
2 5500.000	10.58	32.90	30.70	94.16	106.94	-----	----- Average



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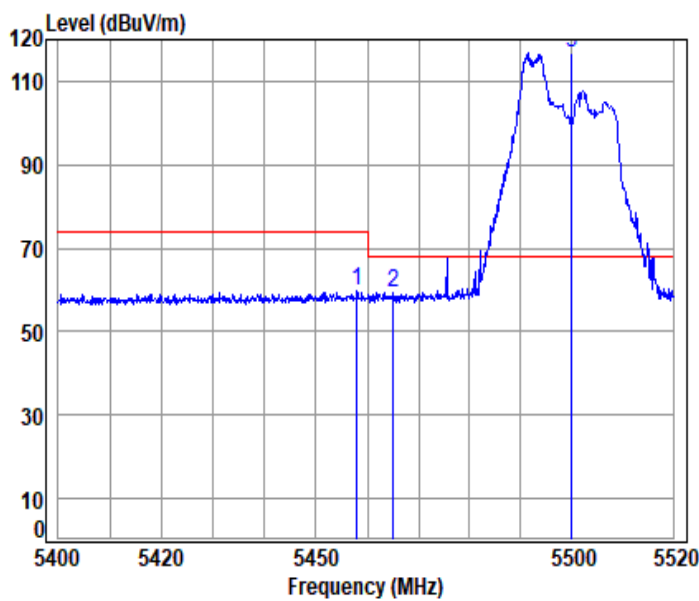
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Report No.: SZCR241100451006

Page: 236 of 760

11ax_20M_Partial_RU52_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20_RU52 MIMO

	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	5457.991	10.60	32.90	30.72	47.15	59.93	74.00 -14.07 peak
2	5465.073	10.59	32.90	30.71	46.62	59.40	68.20 -8.80 peak
3 pp	5500.000	10.58	32.90	30.70	104.16	116.94	68.20 48.74 peak



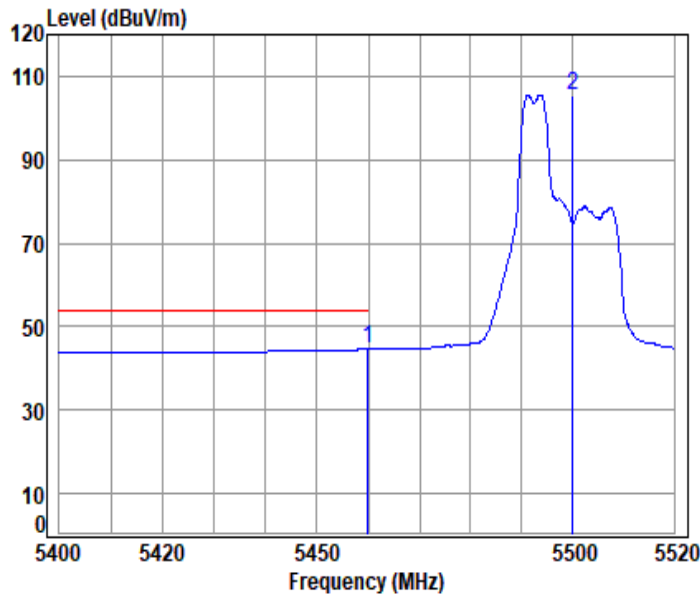
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11ax_20M_Partial_RU52_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20_RU52 MIMO

	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 5459.910	10.60	32.90	30.72	31.79	44.57	54.00	-9.43 Average
2 5500.000	10.58	32.90	30.70	92.81	105.59	-----	----- Average



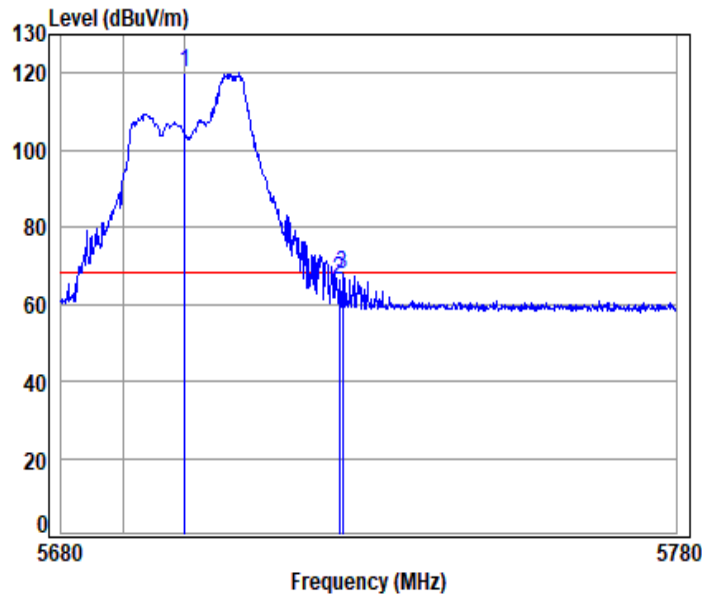
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Report No.: SZCR241100451006

Page: 238 of 760

11ax_20M_Partial_RU52_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5700 Band edge

: 5G Wi-Fi 11ax20_RU52 MIMO

		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 5700.000	10.56	33.20	30.62	107.11	120.25	68.20	52.05 peak
2	5725.000	10.68	33.25	30.61	52.77	66.09	68.20	-2.11 peak
3	5725.583	10.68	33.25	30.61	54.21	67.53	68.20	-0.67 peak



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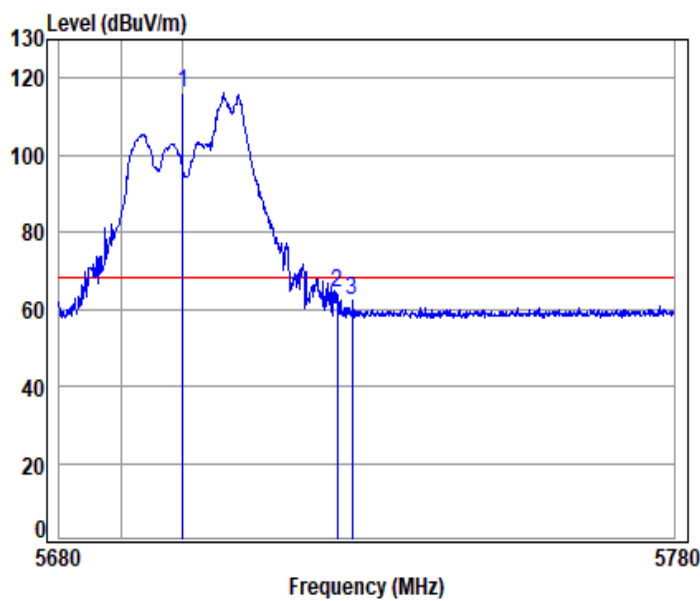
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Report No.: SZCR241100451006

Page: 239 of 760

11ax_20M_Partial_RU52_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5700 Band edge

: 5G Wi-Fi 11ax20_RU52 MIMO

		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 5700.000	10.56	33.20	30.62	102.81	115.95	68.20	47.75 peak
2	5725.000	10.68	33.25	30.61	50.78	64.10	68.20	-4.10 peak
3	5727.482	10.69	33.25	30.61	49.18	62.51	68.20	-5.69 peak



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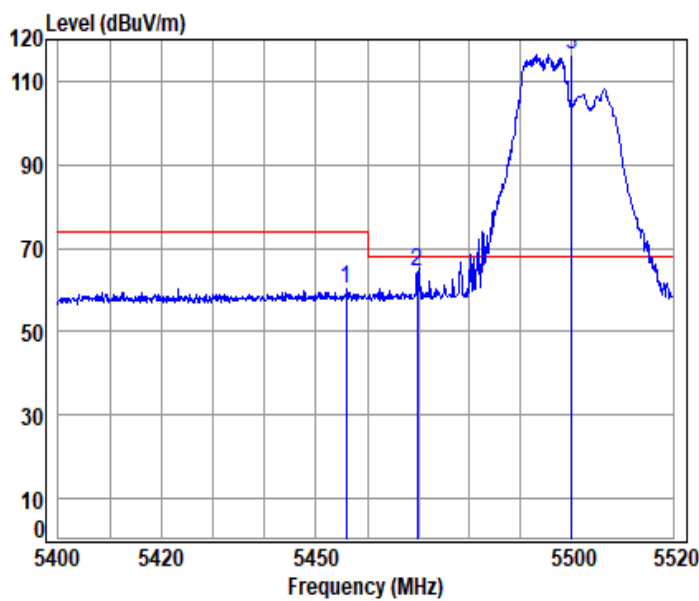
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Report No.: SZCR241100451006

Page: 240 of 760

11ax_20M_Partial_RU106_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20_RU106 MIMO

		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	5455.952	10.60	32.90	30.72	47.31	60.09	74.00	-13.91 peak
2	5469.759	10.59	32.90	30.71	51.58	64.36	68.20	-3.84 peak
3 pp	5500.000	10.58	32.90	30.70	103.64	116.42	68.20	48.22 peak



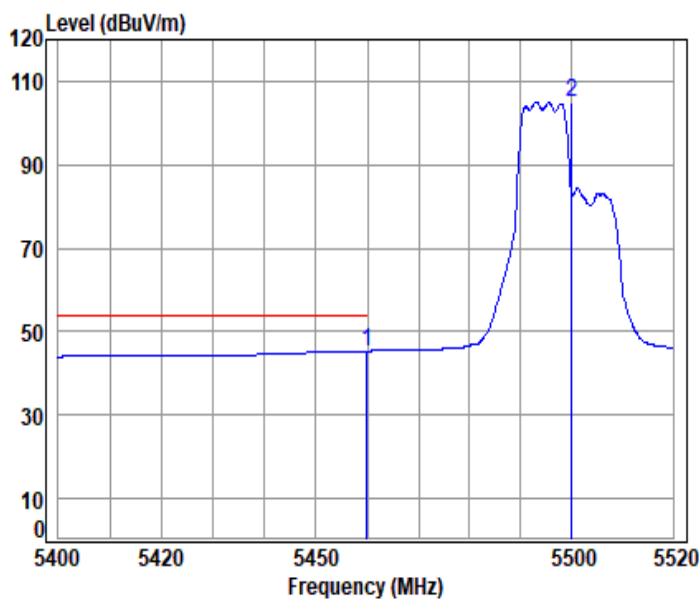
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11ax_20M_Partial_RU106_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20_RU106 MIMO

	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 5459.910	10.60	32.90	30.72	32.52	45.30	54.00	-8.70 Average
2 5500.000	10.58	32.90	30.70	92.16	104.94	-----	----- Average



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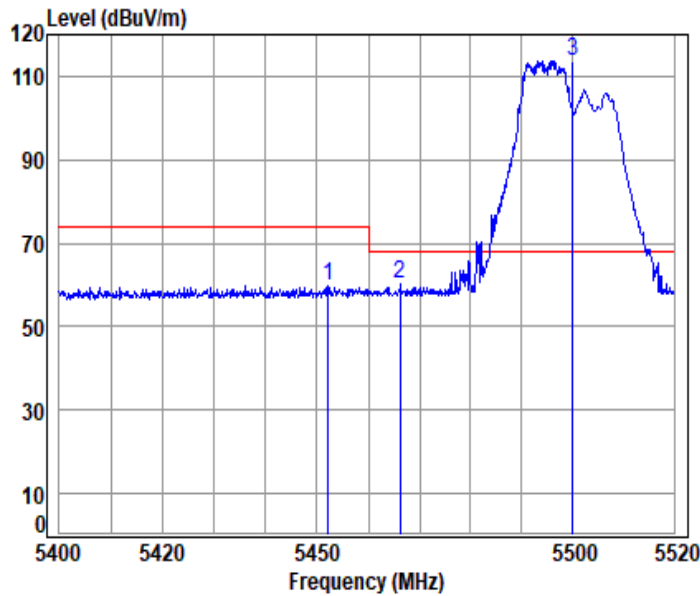
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 242 of 760

11ax_20M_Partial_RU106_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20_RU106 MIMO

		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	5452.116	10.60	32.90	30.72	47.15	59.93	74.00	-14.07 peak
2	5466.274	10.59	32.90	30.71	47.32	60.10	68.20	-8.10 peak
3 pp	5500.000	10.58	32.90	30.70	100.85	113.63	68.20	45.43 peak



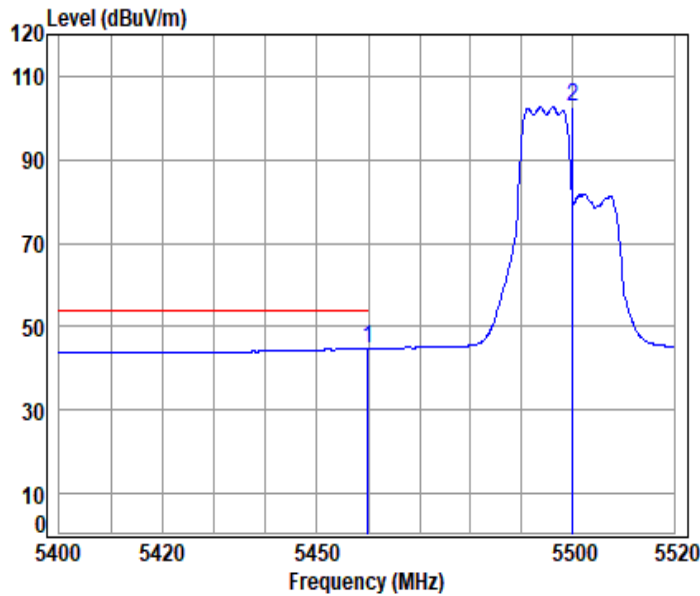
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11ax_20M_Partial_RU106_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20_RU106 MIMO

		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 5459.910	10.60	32.90	30.72	32.00	44.78	54.00	-9.22	Average
2 5500.000	10.58	32.90	30.70	89.75	102.53	-----	-----	Average



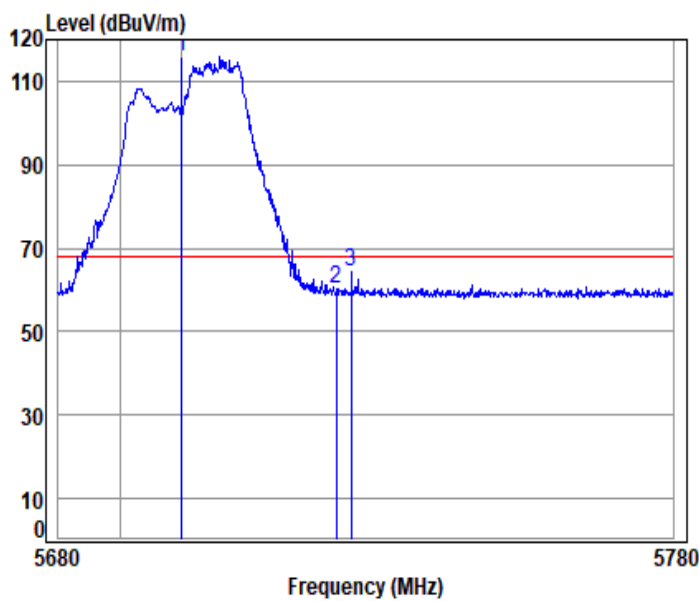
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 244 of 760

11ax_20M_Partial_RU106_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5700 Band edge

: 5G Wi-Fi 11ax20_RU106 MIMO

		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 5700.000	10.56	33.20	30.62	102.54	115.68	68.20	47.48	peak
2 5725.000	10.68	33.25	30.61	46.74	60.06	68.20	-8.14	peak
3 5727.482	10.69	33.25	30.61	51.15	64.48	68.20	-3.72	peak



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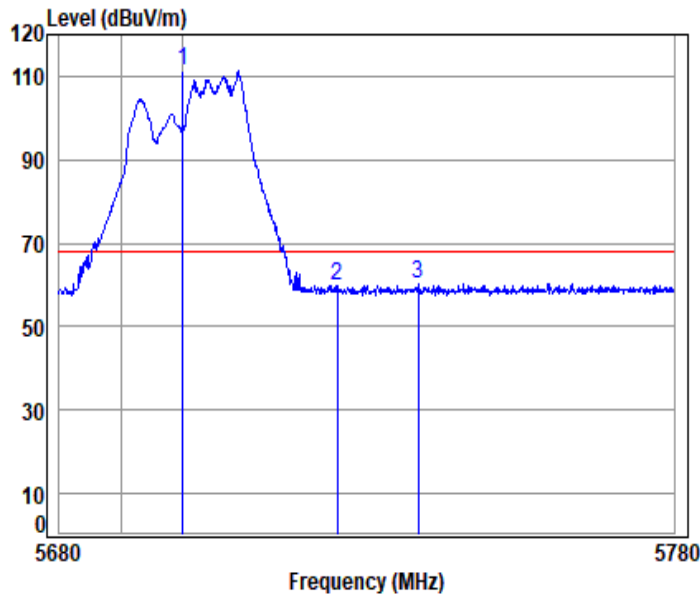
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 245 of 760

11ax_20M_Partial_RU106_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5700 Band edge

: 5G Wi-Fi 11ax20_RU106 MIMO

	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 5700.000	10.56	33.20	30.62	98.17	111.31	68.20	43.11 peak
2 5725.000	10.68	33.25	30.61	46.54	59.86	68.20	-8.34 peak
3 5738.188	10.74	33.28	30.60	46.91	60.33	68.20	-7.87 peak



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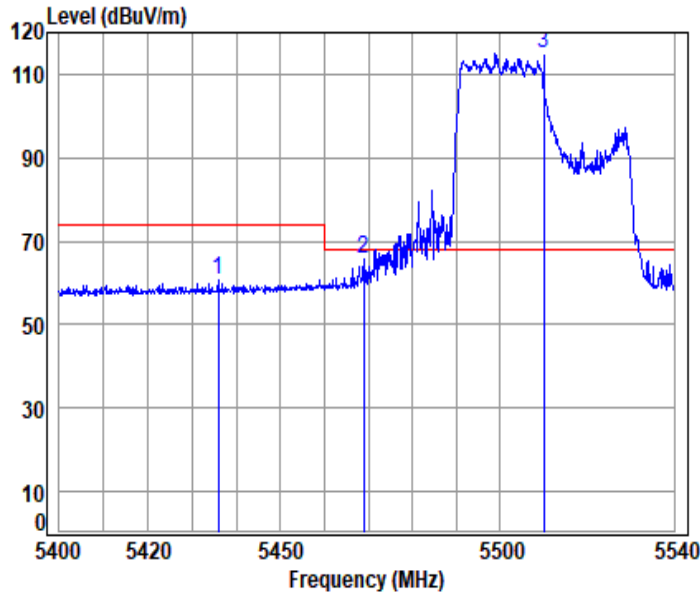
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Report No.: SZCR241100451006

Page: 246 of 760

11ax_40M_Partial_RU242_TX_CH_102_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ax40_RU242 MIMO

		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	5435.917	10.61	32.87	30.73	48.06	60.81	74.00	-13.19 peak
2	5468.852	10.59	32.90	30.71	53.00	65.78	68.20	-2.42 peak
3 pp	5510.000	10.56	32.90	30.70	102.06	114.82	68.20	46.62 peak



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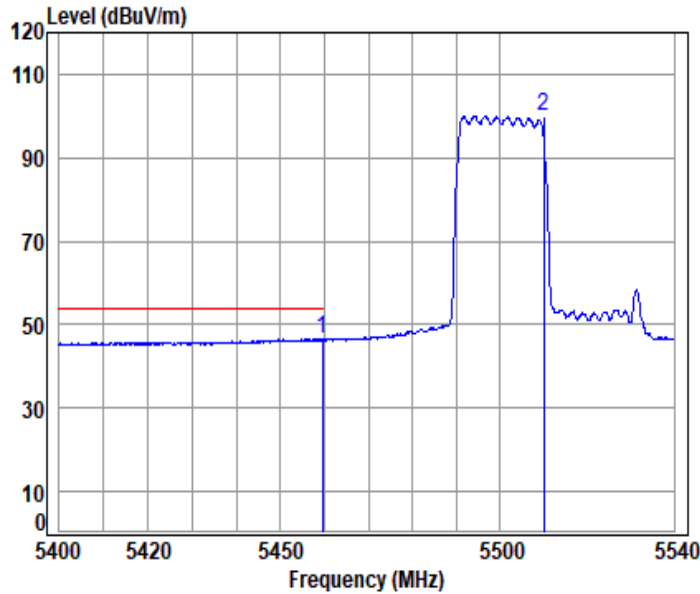
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Report No.: SZCR241100451006

Page: 247 of 760

11ax_40M_Partial_RU242_TX_CH_102_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ax40_RU242 MIMO

		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 5459.481	10.60	32.90	30.72	33.75	46.53	54.00	-7.47	Average
2 5510.000	10.56	32.90	30.70	87.34	100.10	-----	-----	Average



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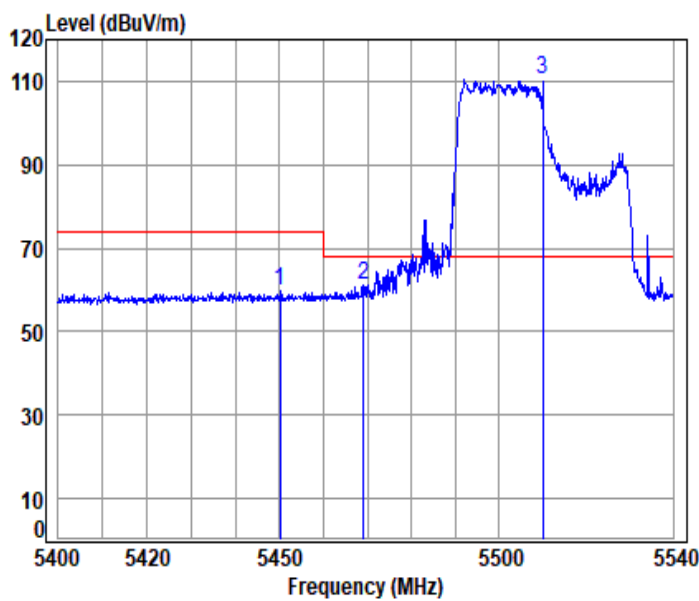
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Report No.: SZCR241100451006

Page: 248 of 760

11ax_40M_Partial_RU242_TX_CH_102_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ax40_RU242 MIMO

		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	5450.127	10.60	32.90	30.72	46.87	59.65	74.00	-14.35	peak
2	5469.132	10.59	32.90	30.71	48.32	61.10	68.20	-7.10	peak
3 pp	5510.000	10.56	32.90	30.70	97.50	110.26	68.20	42.06	peak



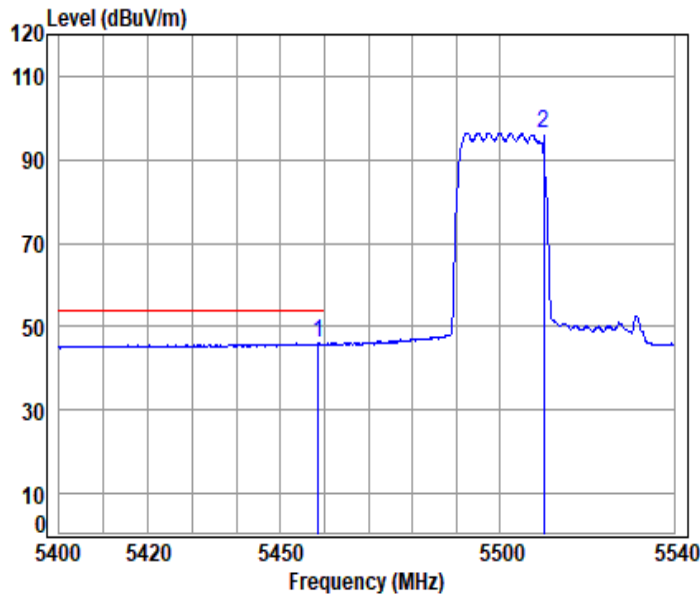
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11ax_40M_Partial_RU242_TX_CH_102_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ax40_RU242 MIMO

	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 5458.503	10.60	32.90	30.72	33.13	45.91	54.00	-8.09	Average
2 5510.000	10.56	32.90	30.70	83.58	96.34	-----	-----	Average



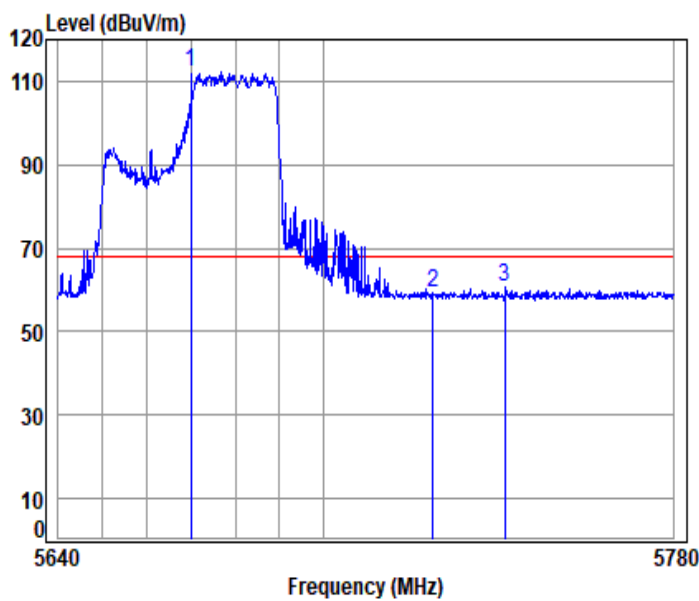
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Report No.: SZCR241100451006

Page: 250 of 760

11ax_40M_Partial_RU242_TX_CH_134_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5670 Band edge

: 5G Wi-Fi 11ax40_RU242 MIMO

		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 5670.000	10.52	33.14	30.63	99.11	112.14	68.20	43.94 peak
2	5725.000	10.68	33.25	30.61	46.19	59.51	68.20	-8.69 peak
3	5741.439	10.75	33.28	30.60	47.09	60.52	68.20	-7.68 peak



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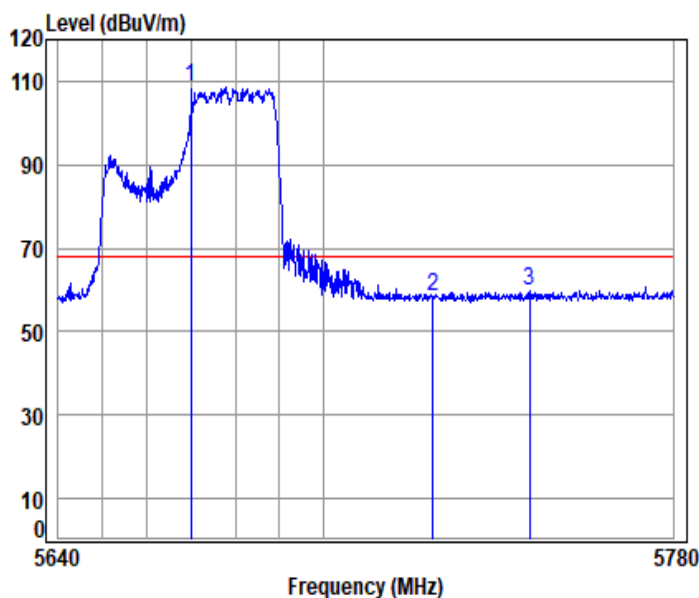
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Report No.: SZCR241100451006

Page: 251 of 760

11ax_40M_Partial_RU242_TX_CH_134_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5670 Band edge

: 5G Wi-Fi 11ax40_RU242 MIMO

		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 5670.000	10.52	33.14	30.63	95.51	108.54	68.20	40.34 peak
2	5725.000	10.68	33.25	30.61	45.24	58.56	68.20	-9.64 peak
3	5747.073	10.78	33.29	30.60	46.38	59.85	68.20	-8.35 peak



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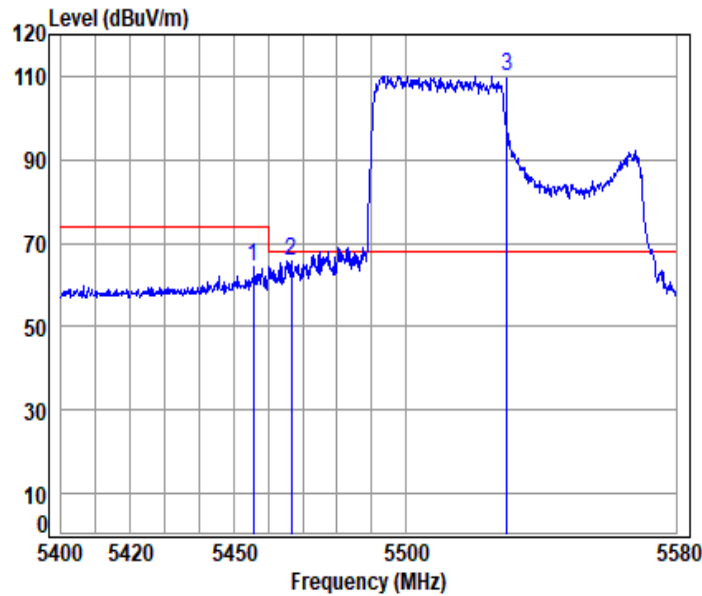
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Report No.: SZCR241100451006

Page: 252 of 760

11ax_80M_Partial_RU484_TX_CH_106_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ax80_RU484 MIMO

		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	5455.707	10.60	32.90	30.72	51.67	64.45	74.00	-9.55 peak
2	5466.630	10.59	32.90	30.71	53.12	65.90	68.20	-2.30 peak
3 pp	5530.000	10.53	32.90	30.69	97.41	110.15	68.20	41.95 peak



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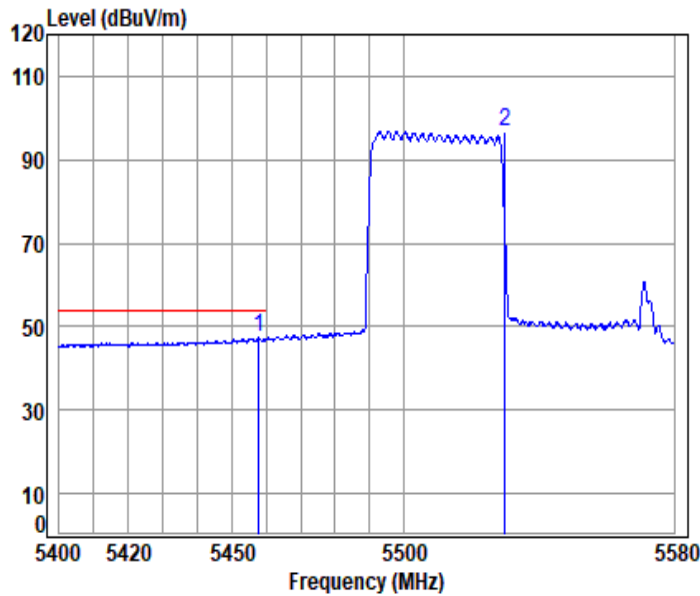
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 253 of 760

11ax_80M_Partial_RU484_TX_CH_106_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ax80_RU484 MIMO

		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 5457.675	10.60	32.90	30.72	34.51	47.29	54.00	-6.71	Average
2 5530.000	10.53	32.90	30.69	84.17	96.91	-----	-----	Average



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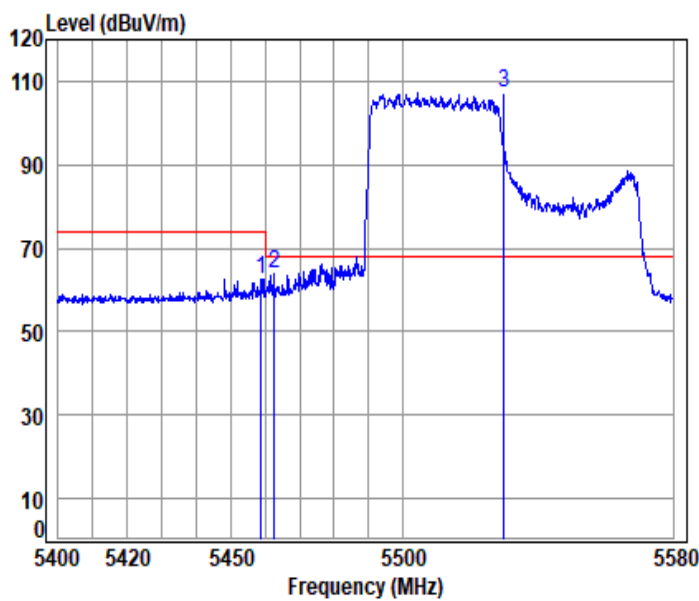
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 254 of 760

11ax_80M_Partial_RU484_TX_CH_106_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ax80_RU484 MIMO

		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	5458.749	10.60	32.90	30.72	49.67	62.45	74.00	-11.55 peak
2	5462.509	10.59	32.90	30.71	51.25	64.03	68.20	-4.17 peak
3 pp	5530.000	10.53	32.90	30.69	94.36	107.10	68.20	38.90 peak



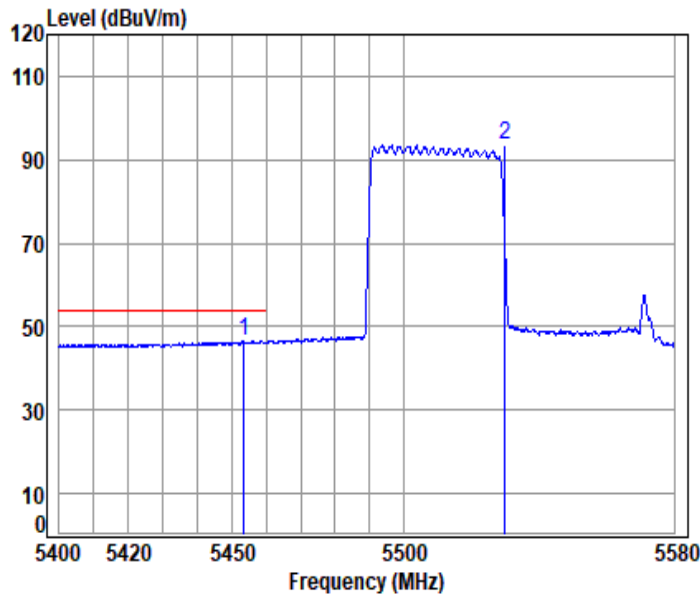
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11ax_80M_Partial_RU484_TX_CH_106_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ax80_RU484 MIMO

	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 5453.561	10.60	32.90	30.72	33.73	46.51	54.00	-7.49 Average
2 5530.000	10.53	32.90	30.69	80.61	93.35	-----	----- Average



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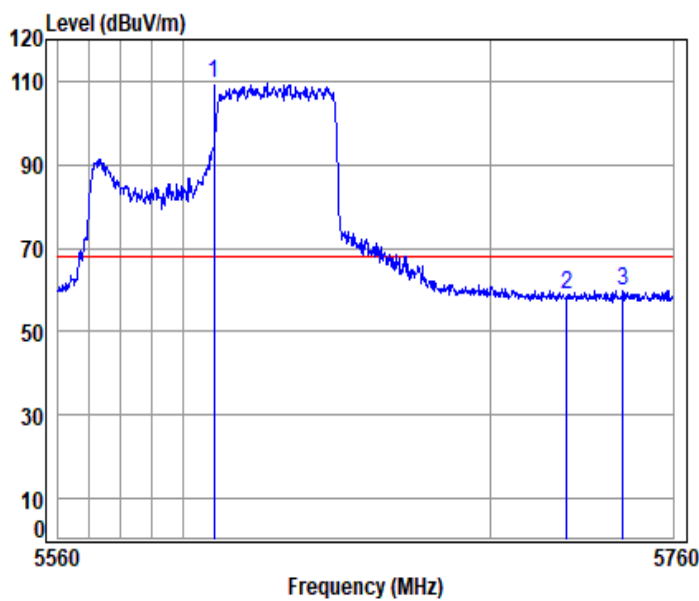
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 256 of 760

11ax_80M_Partial_RU484_TX_CH_122_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5610 Band edge

: 5G Wi-Fi 11ax80_RU484 MIMO

	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 5610.000	10.43	33.02	30.66	96.57	109.36	68.20	41.16 peak
2 5725.000	10.68	33.25	30.61	45.31	58.63	68.20	-9.57 peak
3 5743.536	10.76	33.29	30.60	46.25	59.70	68.20	-8.50 peak



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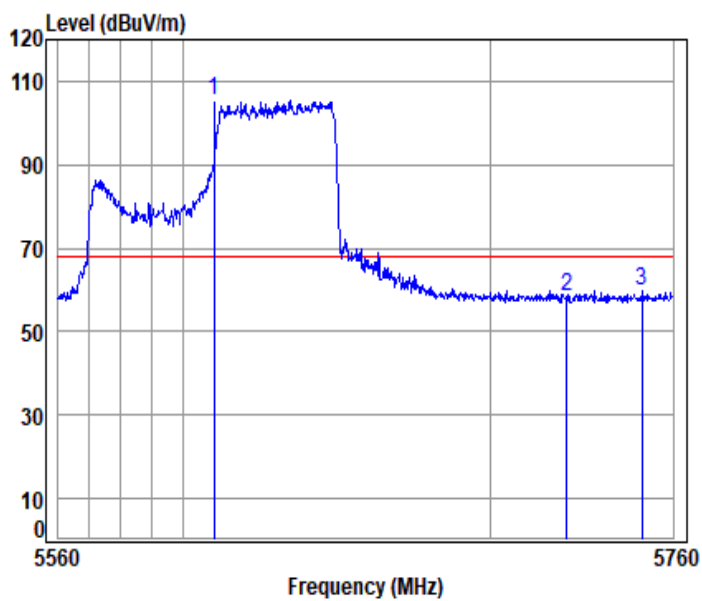
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 257 of 760

11ax_80M_Partial_RU484_TX_CH_122_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5610 Band edge

: 5G Wi-Fi 11ax80_RU484 MIMO

	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 5610.000	10.43	33.02	30.66	92.40	105.19	68.20	36.99 peak
2 5725.000	10.68	33.25	30.61	44.87	58.19	68.20	-10.01 peak
3 5749.628	10.79	33.30	30.60	46.37	59.86	68.20	-8.34 peak



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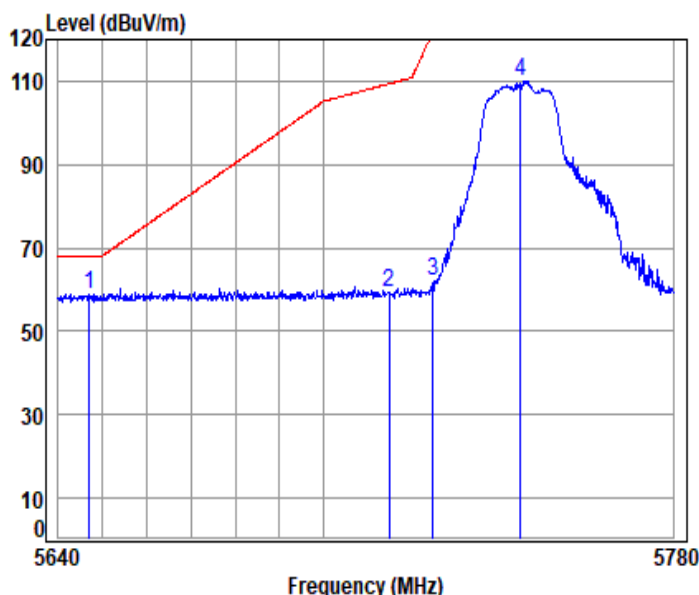
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 258 of 760

11a_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5745 Band edge

: 5.8G Wi-Fi 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 5646.919	10.48	33.09	30.64	45.98	58.91	68.20	-9.29	peak
2 5715.000	10.63	33.23	30.61	45.97	59.22	109.40	-50.18	peak
3 5725.000	10.68	33.25	30.61	48.74	62.06	122.20	-60.14	peak
4 5745.000	10.77	33.29	30.60	96.46	109.92	-----	-----	peak



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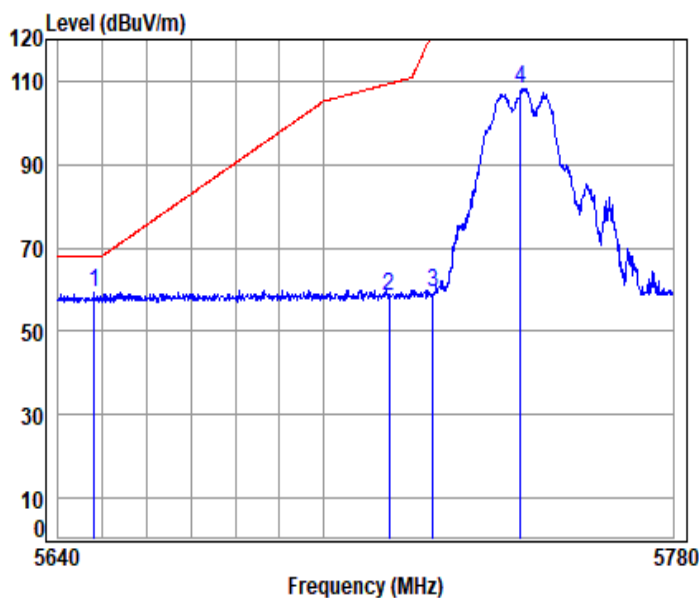
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 259 of 760

11a_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5745 Band edge

: 5.8G Wi-Fi 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	pp 5648.026	10.48	33.10	30.64	46.23	59.17	68.20	-9.03 peak
2	5715.000	10.63	33.23	30.61	45.18	58.43	109.40	-50.97 peak
3	5725.000	10.68	33.25	30.61	45.87	59.19	122.20	-63.01 peak
4	5745.000	10.77	33.29	30.60	94.86	108.32	-----	----- peak



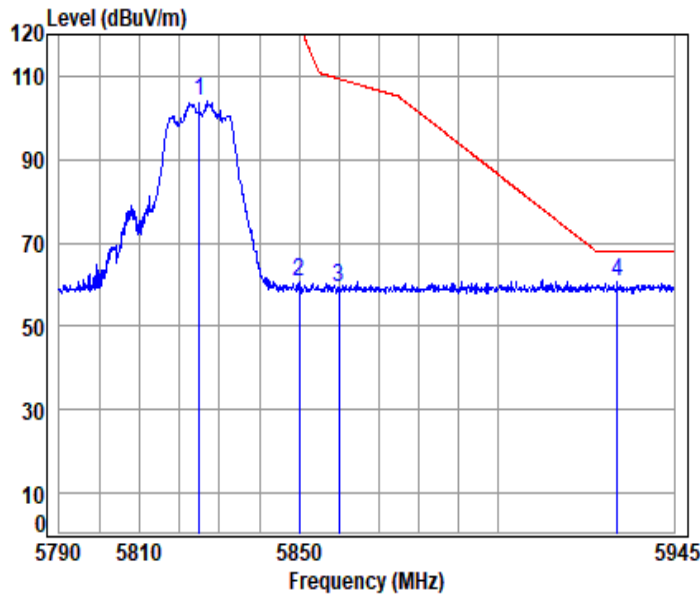
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11a_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

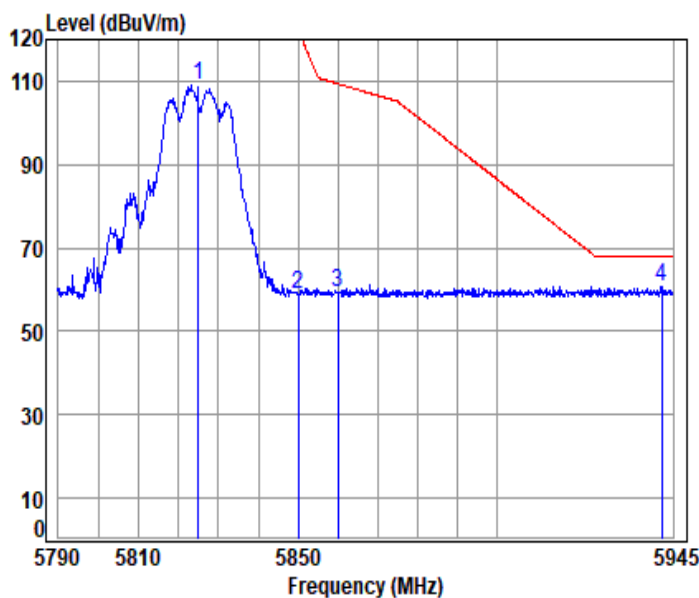
Mode : 5825 Band edge

: 5.8G Wi-Fi 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	5825.000	10.99	33.50	30.57	89.99	103.91	-----	----- peak
2	5850.000	10.95	33.60	30.56	46.52	60.51	122.20	-61.69 peak
3	5860.000	10.94	33.58	30.56	45.38	59.34	109.40	-50.06 peak
4 pp	5930.568	10.87	33.56	30.53	46.73	60.63	68.20	-7.57 peak



11a_TX_CH_165_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5825 Band edge

: 5.8G Wi-Fi 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	5825.000	10.99	33.50	30.57	94.96	108.88	-----	-----	peak
2	5850.000	10.95	33.60	30.56	44.87	58.86	122.20	-63.34	peak
3	5860.000	10.94	33.58	30.56	45.40	59.36	109.40	-50.04	peak
4 pp	5942.174	10.86	33.58	30.52	46.94	60.86	68.20	-7.34	peak



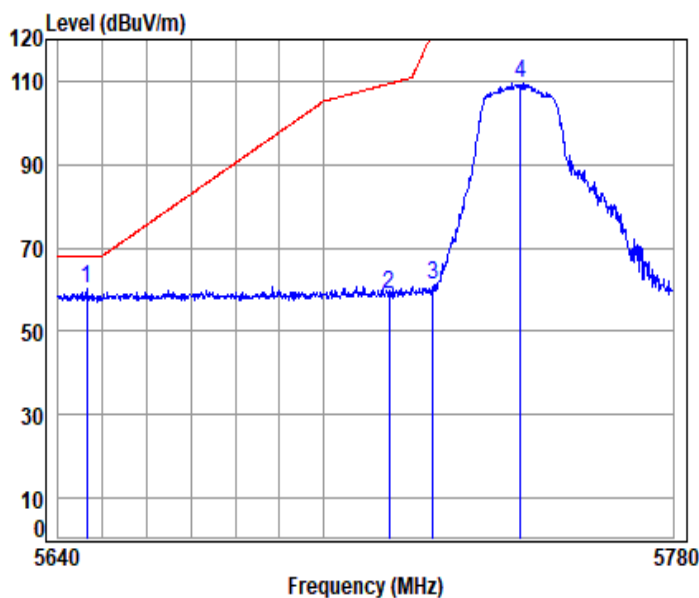
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Report No.: SZCR241100451006

Page: 262 of 760

11ac_HT(20M)_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5745 Band edge

: 5.8G Wi-Fi 11ac20 MIMO

		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 5646.365	10.48	33.09	30.64	47.15	60.08	68.20	-8.12 peak
2	5715.000	10.63	33.23	30.61	45.49	58.74	109.40	-50.66 peak
3	5725.000	10.68	33.25	30.61	47.77	61.09	122.20	-61.11 peak
4	5745.000	10.77	33.29	30.60	96.04	109.50	-----	----- peak



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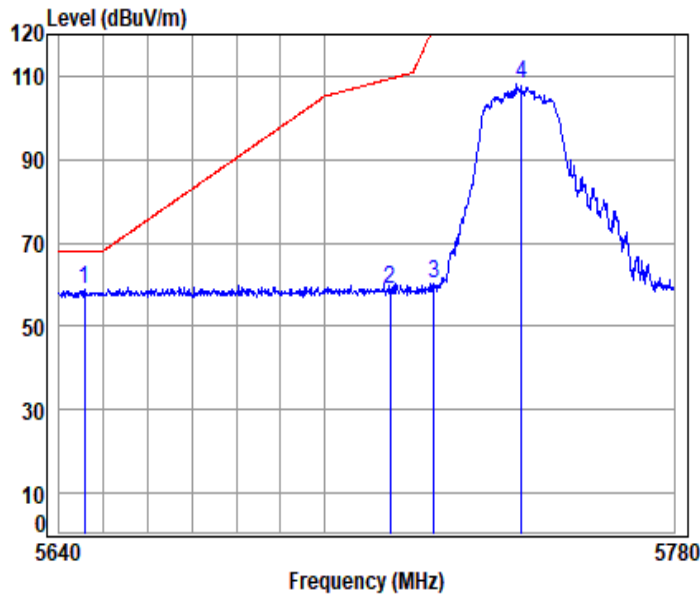
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Report No.: SZCR241100451006

Page: 263 of 760

11ac_HT(20M)_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5745 Band edge

: 5.8G Wi-Fi 11ac20 MIMO

		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 5645.673	10.48	33.09	30.64	45.77	58.70	68.20	-9.50 peak
2	5715.000	10.63	33.23	30.61	45.50	58.75	109.40	-50.65 peak
3	5725.000	10.68	33.25	30.61	46.76	60.08	122.20	-62.12 peak
4	5745.000	10.77	33.29	30.60	94.48	107.94	-----	----- peak



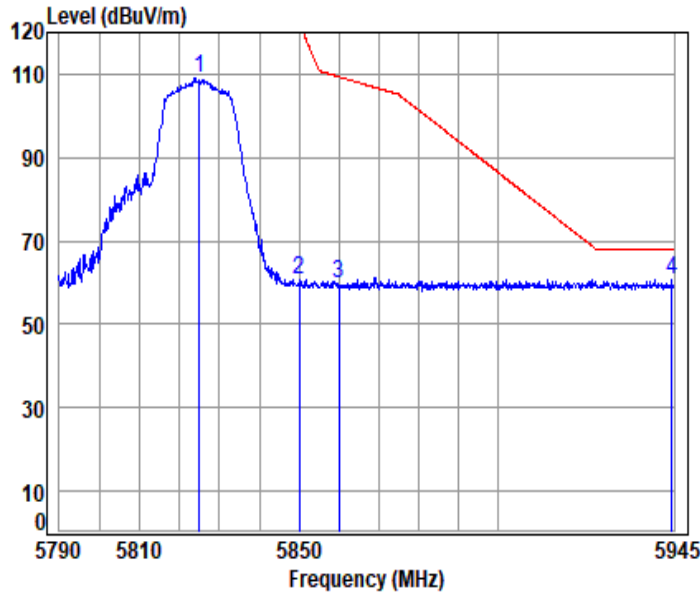
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11ac_HT(20M)_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL

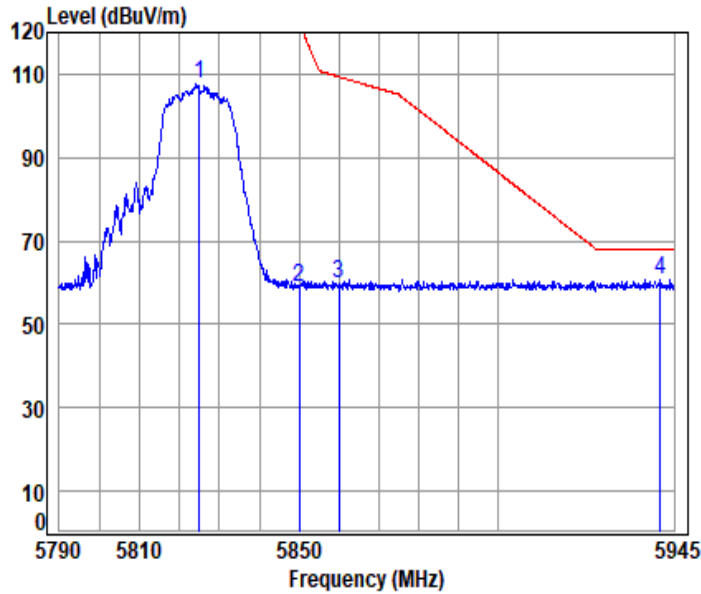
Job No : 04510WM

Mode : 5825 Band edge

: 5.8G Wi-Fi 11ac20 MIMO

	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	5825.000	10.99	33.50	30.57	95.20	109.12	----- peak
2	5850.000	10.95	33.60	30.56	46.89	60.88	122.20 -61.32 peak
3	5860.000	10.94	33.58	30.56	45.98	59.94	109.40 -49.46 peak
4 pp	5944.372	10.85	33.59	30.52	46.90	60.82	68.20 -7.38 peak

11ac_HT(20M)_TX_CH_165_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5825 Band edge

: 5.8G Wi-Fi 11ac20 MIMO

		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	5825.000	10.99	33.50	30.57	93.77	107.69	-----	-----	peak
2	5850.000	10.95	33.60	30.56	44.98	58.97	122.20	-63.23	peak
3	5860.000	10.94	33.58	30.56	45.61	59.57	109.40	-49.83	peak
4 pp	5941.546	10.86	33.58	30.52	46.67	60.59	68.20	-7.61	peak



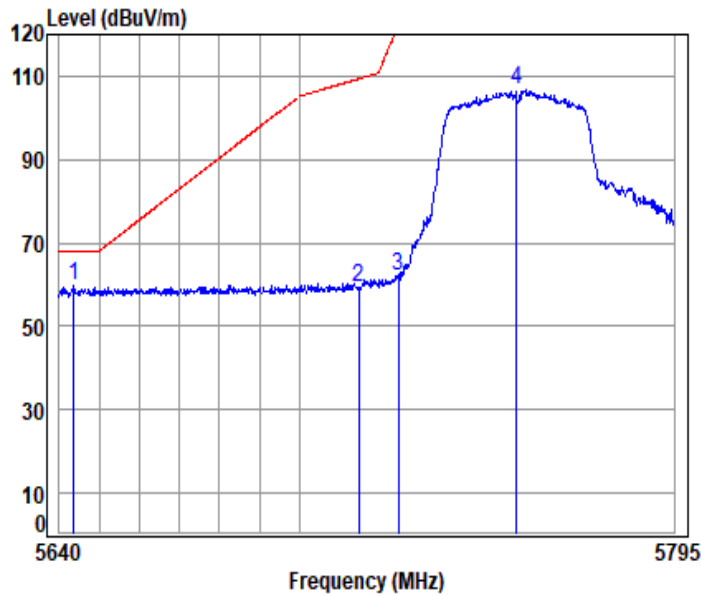
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 266 of 760

11ac_HT(40M)_TX_CH_151_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5755 Band edge

: 5.8G Wi-Fi 11ac40 MIMO

		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 5643.518	10.48	33.09	30.64	46.87	59.80	68.20	-8.40 peak
2	5715.000	10.63	33.23	30.61	46.09	59.34	109.40	-50.06 peak
3	5725.000	10.68	33.25	30.61	48.90	62.22	122.20	-59.98 peak
4	5755.000	10.81	33.31	30.60	93.14	106.66	-----	----- peak



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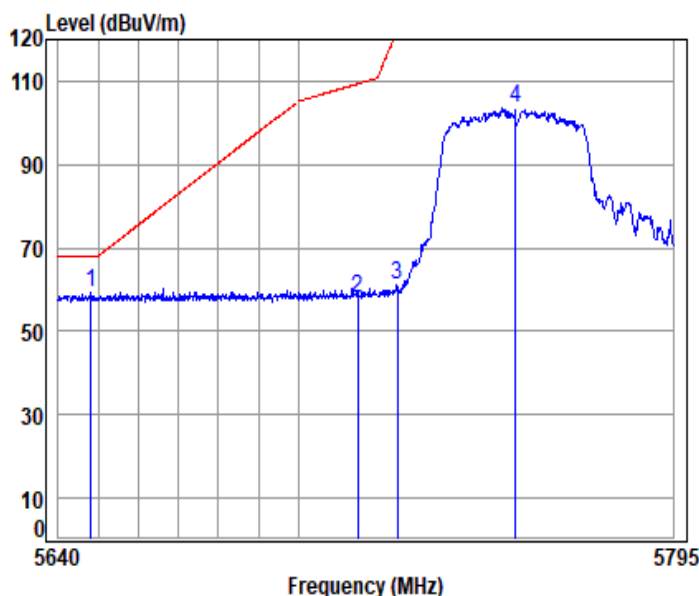
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Report No.: SZCR241100451006

Page: 267 of 760

11ac_HT(40M)_TX_CH_151_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5755 Band edge

: 5.8G Wi-Fi 11ac40 MIMO

	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 5648.110	10.48	33.10	30.64	46.34	59.28	68.20	-8.92 peak
2 5715.000	10.63	33.23	30.61	44.65	57.90	109.40	-51.50 peak
3 5725.000	10.68	33.25	30.61	47.64	60.96	122.20	-61.24 peak
4 5755.000	10.81	33.31	30.60	89.97	103.49	-----	----- peak



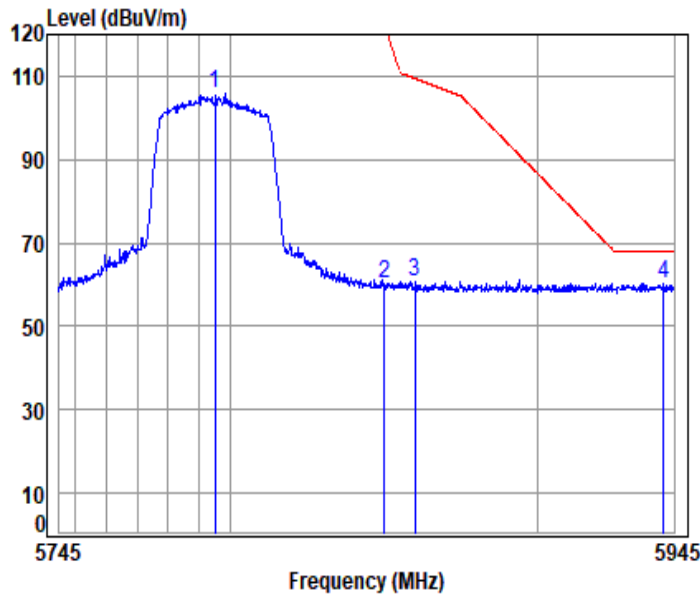
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11ac_HT(40M)_TX_CH_159_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

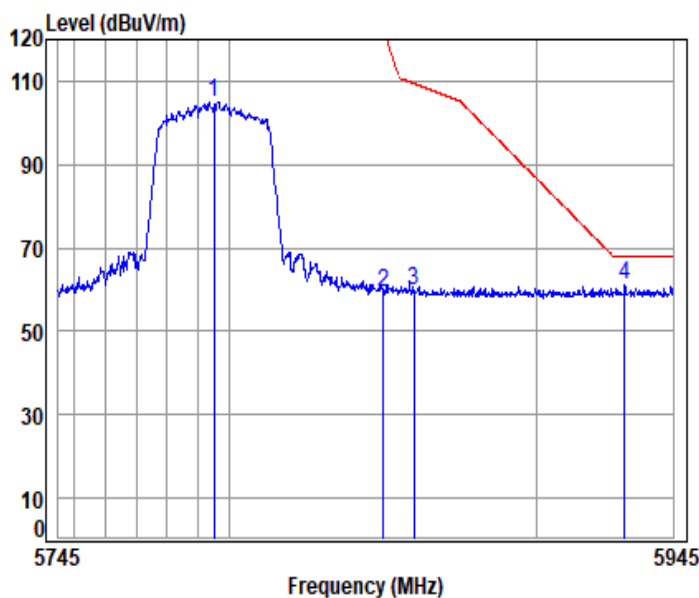
Mode : 5795 Band edge

: 5.8G Wi-Fi 11ac40 MIMO

		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	5795.000	11.00	33.39	30.58	91.83	105.64	-----	-----	peak
2	5850.000	10.95	33.60	30.56	46.07	60.06	122.20	-62.14	peak
3	5860.000	10.94	33.58	30.56	46.50	60.46	109.40	-48.94	peak
4 pp	5941.542	10.86	33.58	30.52	46.51	60.43	68.20	-7.77	peak



11ac_HT(40M)_TX_CH_159_Veritical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5795 Band edge

: 5.8G Wi-Fi 11ac40 MIMO

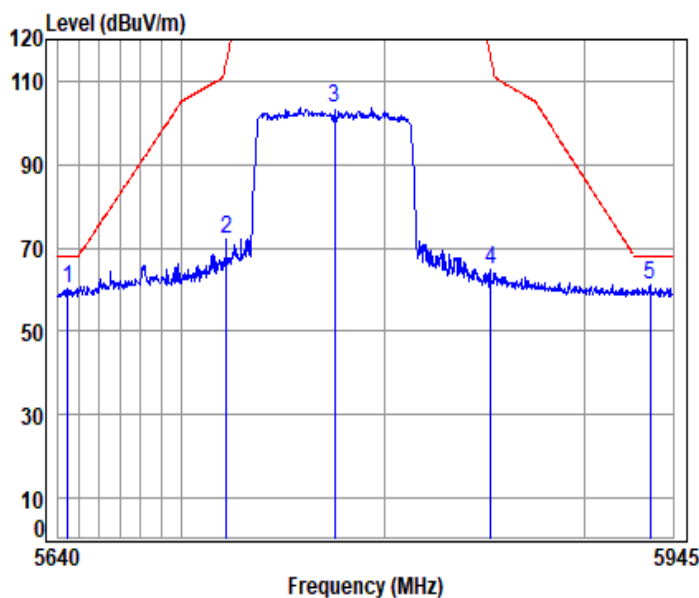
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	11.00	33.39	30.58	91.22	105.03	-----	-----	peak
2	5850.000	10.95	33.60	30.56	45.10	59.09	122.20	-63.11	peak
3	5860.000	10.94	33.58	30.56	45.77	59.73	109.40	-49.67	peak
4 pp	5928.950	10.87	33.56	30.53	47.14	61.04	68.20	-7.16	peak



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11ac_VHT(80M)_TX_CH_155_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5775 Band edge

: 5.8G Wi-Fi 11ac80 MIMO

		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	5644.458	10.48	33.09	30.64	47.26	60.19	68.20	-8.01 Peak
2	5721.677	10.66	33.24	30.61	58.79	72.08	114.62	-42.54 peak
3	5775.000	10.91	33.35	30.59	90.08	103.75	-----	----- peak
4	5852.732	10.95	33.59	30.56	50.63	64.61	115.97	-51.36 peak
5 pp	5933.426	10.86	33.57	30.53	47.27	61.17	68.20	-7.03 peak



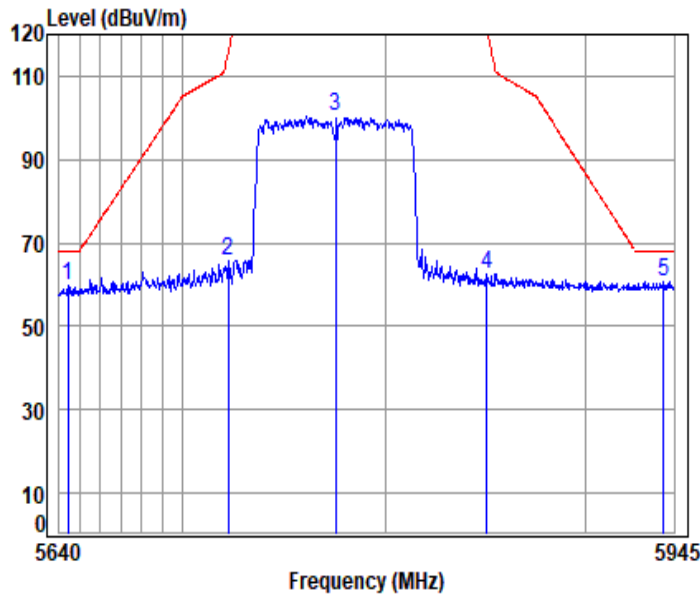
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Report No.: SZCR241100451006

Page: 271 of 760

11ac_VHT(80M)_TX_CH_155_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5775 Band edge

: 5.8G Wi-Fi 11ac80 MIMO

		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	5644.160	10.48	33.09	30.64	46.63	59.56	68.20	-8.64	Peak
2	5722.280	10.66	33.24	30.61	52.61	65.90	116.00	-50.10	peak
3	5775.000	10.91	33.35	30.59	86.61	100.28	-----	-----	peak
4	5850.575	10.95	33.60	30.56	48.45	62.44	120.89	-58.45	peak
5 pp	5939.680	10.86	33.58	30.52	46.63	60.55	68.20	-7.65	peak



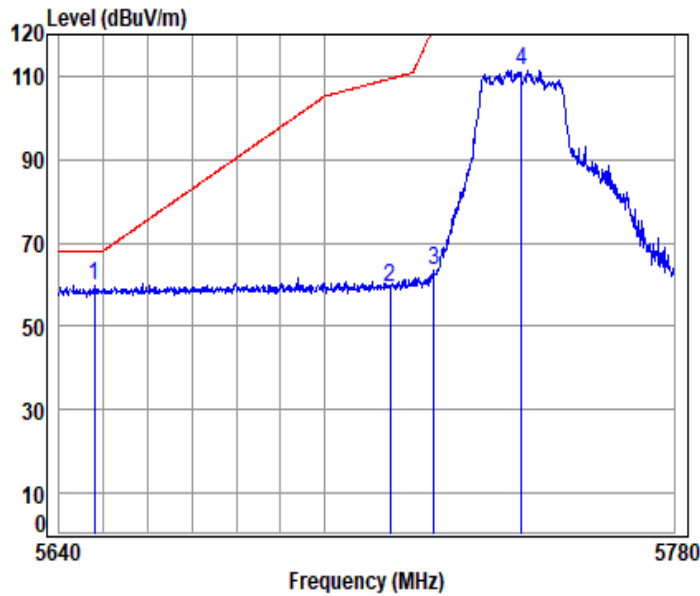
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11ax_20M_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5745 Band edge

: 5.8G Wi-Fi 11ax20 MIMO

		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 5647.888	10.48	33.10	30.64	46.96	59.90	68.20	-8.30	peak
2 5715.000	10.63	33.23	30.61	46.23	59.48	109.40	-49.92	peak
3 5725.000	10.68	33.25	30.61	50.28	63.60	122.20	-58.60	peak
4 5745.000	10.77	33.29	30.60	97.83	111.29	-----	-----	peak



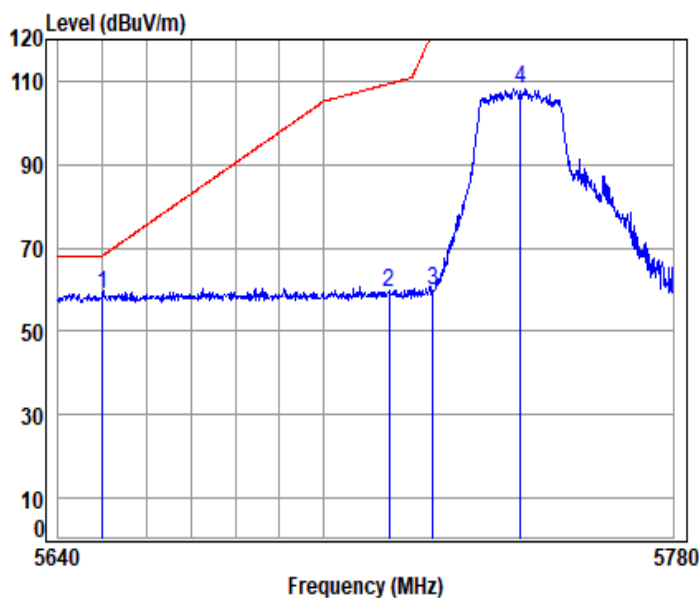
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Report No.: SZCR241100451006

Page: 273 of 760

11ax_20M_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5745 Band edge

: 5.8G Wi-Fi 11ax20 MIMO

		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 5649.966	10.48	33.10	30.64	46.01	58.95	68.20	-9.25	peak
2 5715.000	10.63	33.23	30.61	45.99	59.24	109.40	-50.16	peak
3 5725.000	10.68	33.25	30.61	46.65	59.97	122.20	-62.23	peak
4 5745.000	10.77	33.29	30.60	94.87	108.33	-----	-----	peak



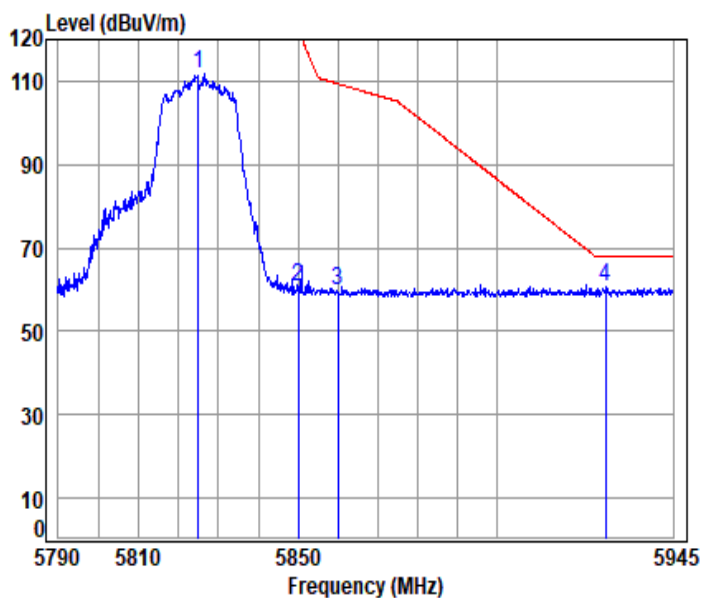
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11ax_20M_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5825 Band edge

: 5.8G Wi-Fi 11ax20 MIMO

	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	
5825.000	10.99	33.50	30.57	97.96	111.88	-----	-----	peak
5850.000	10.95	33.60	30.56	46.81	60.80	122.20	-61.40	peak
5860.000	10.94	33.58	30.56	45.71	59.67	109.40	-49.73	peak
5927.905	10.87	33.56	30.53	46.70	60.60	68.20	-7.60	peak



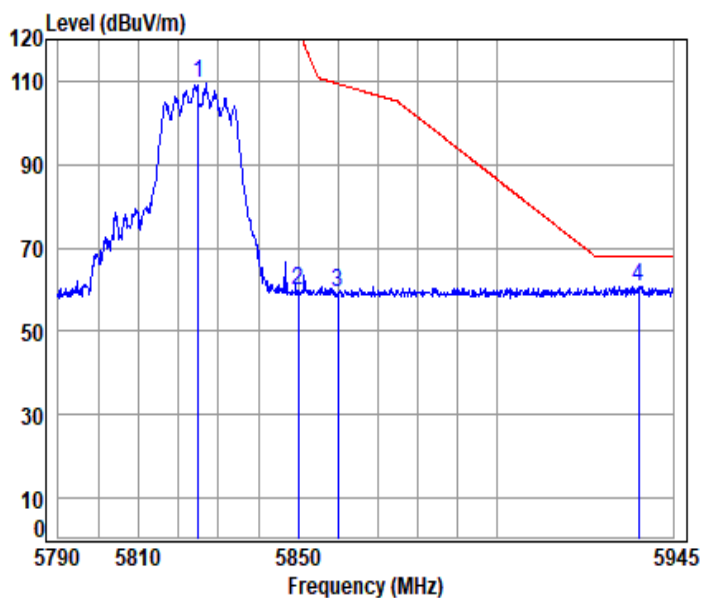
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Report No.: SZCR241100451006

Page: 275 of 760

11ax_20M_TX_CH_165_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5825 Band edge

: 5.8G Wi-Fi 11ax20 MIMO

	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	
5825.000	10.99	33.50	30.57	95.56	109.48	-----	-----	peak
5850.000	10.95	33.60	30.56	46.01	60.00	122.20	-62.20	peak
5860.000	10.94	33.58	30.56	45.49	59.45	109.40	-49.95	peak
5936.211	10.86	33.57	30.53	46.99	60.89	68.20	-7.31	peak



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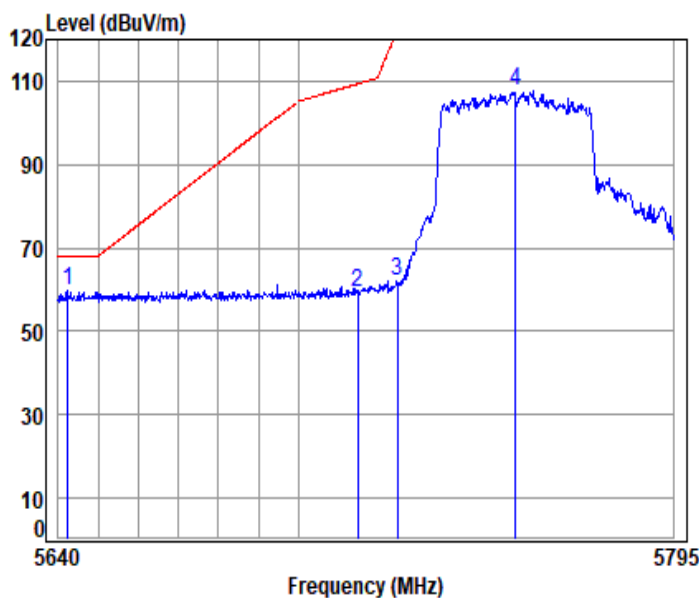
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Report No.: SZCR241100451006

Page: 276 of 760

11ax_40M_TX_CH_151_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5755 Band edge

: 5.8G Wi-Fi 11ax40 MIMO

		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 5642.294	10.47	33.08	30.64	47.04	59.95	68.20	-8.25 peak
2	5715.000	10.63	33.23	30.61	46.12	59.37	109.40	-50.03 peak
3	5725.000	10.68	33.25	30.61	48.66	61.98	122.20	-60.22 peak
4	5755.000	10.81	33.31	30.60	94.05	107.57	-----	----- peak



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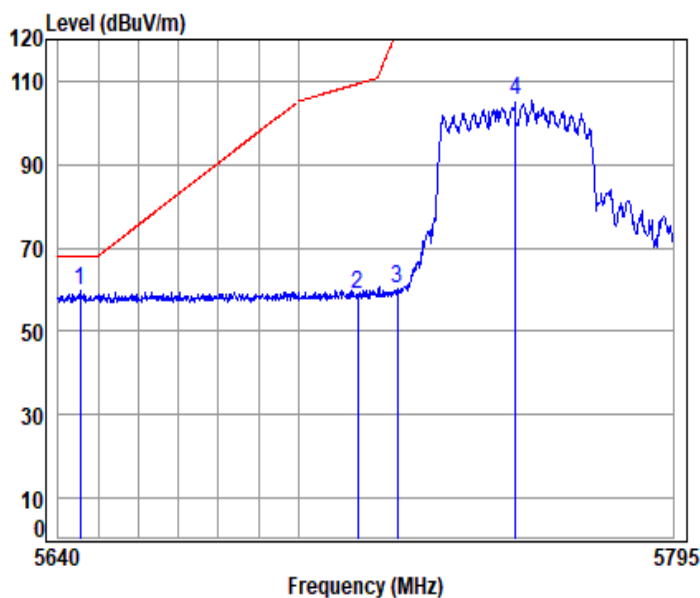
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 277 of 760

11ax_40M_TX_CH_151_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5755 Band edge

: 5.8G Wi-Fi 11ax40 MIMO

		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 5645.507	10.48	33.09	30.64	47.04	59.97	68.20	-8.23	peak
2 5715.000	10.63	33.23	30.61	45.50	58.75	109.40	-50.65	peak
3 5725.000	10.68	33.25	30.61	46.80	60.12	122.20	-62.08	peak
4 5755.000	10.81	33.31	30.60	91.82	105.34	-----	-----	peak



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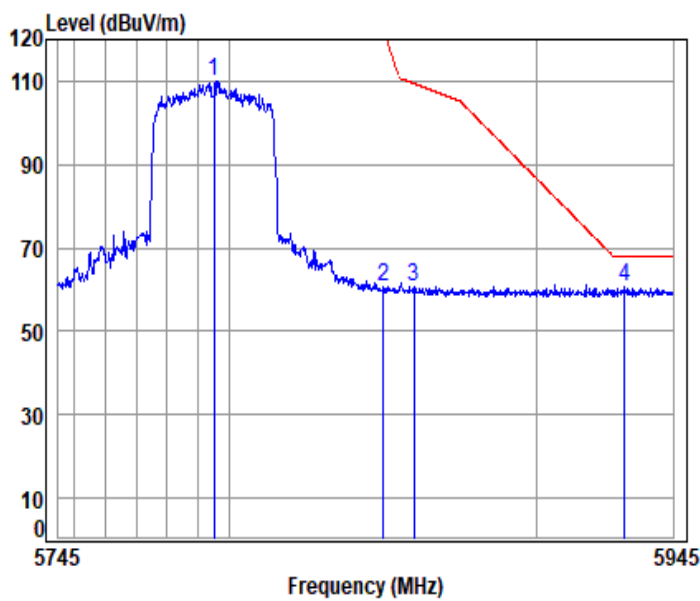
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 278 of 760

11ax_40M_TX_CH_159_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5795 Band edge

: 5.8G Wi-Fi 11ax40 MIMO

		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	5795.000	11.00	33.39	30.58	96.22	110.03	-----	----- peak
2	5850.000	10.95	33.60	30.56	46.72	60.71	122.20	-61.49 peak
3	5860.000	10.94	33.58	30.56	46.72	60.68	109.40	-48.72 peak
4 pp	5928.950	10.87	33.56	30.53	46.81	60.71	68.20	-7.49 peak



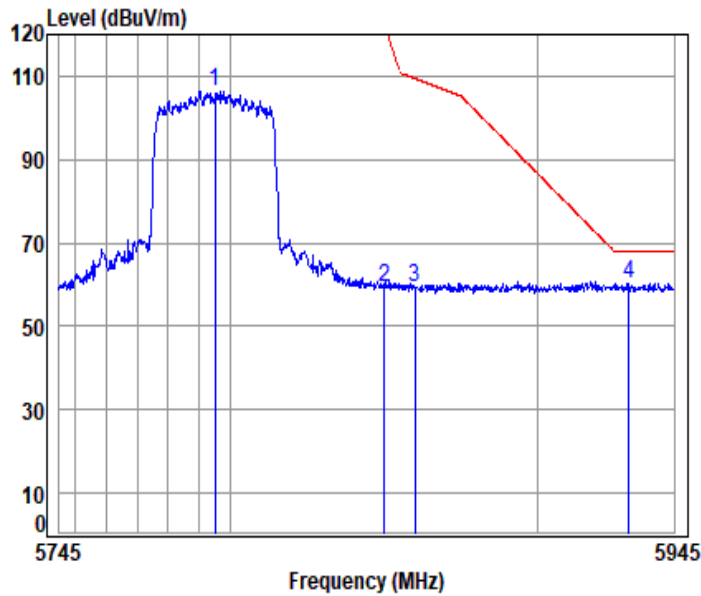
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11ax_40M_TX_CH_159_Vertical



Condition: 3m VERTICAL

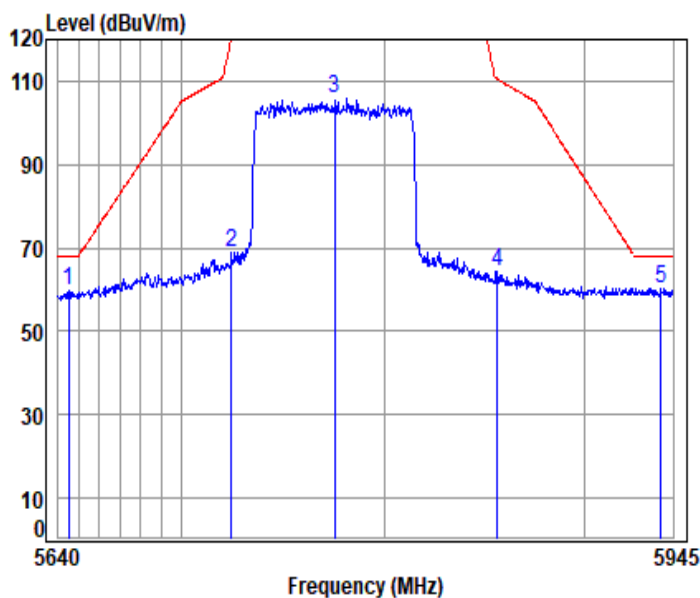
Job No : 04510WM

Mode : 5795 Band edge

: 5.8G Wi-Fi 11ax40 MIMO

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5795.000	11.00	33.39	30.58	92.60	106.41	-----	peak
2	5850.000	10.95	33.60	30.56	45.18	59.17	122.20	-63.03 peak
3	5860.000	10.94	33.58	30.56	45.54	59.50	109.40	-49.90 peak
4 pp	5929.964	10.87	33.56	30.53	46.49	60.39	68.20	-7.81 peak

11ax_80M_TX_CH_155_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5775 Band edge

: 5.8G Wi-Fi 11ax80 MIMO

		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	5645.052	10.48	33.09	30.64	46.86	59.79	68.20	-8.41	Peak
2	5724.390	10.67	33.25	30.61	55.73	69.04	120.81	-51.77	peak
3	5775.000	10.91	33.35	30.59	91.97	105.64	-----	-----	peak
4	5856.124	10.95	33.59	30.56	50.33	64.31	110.48	-46.17	peak
5 pp	5939.054	10.86	33.58	30.52	46.50	60.42	68.20	-7.78	peak



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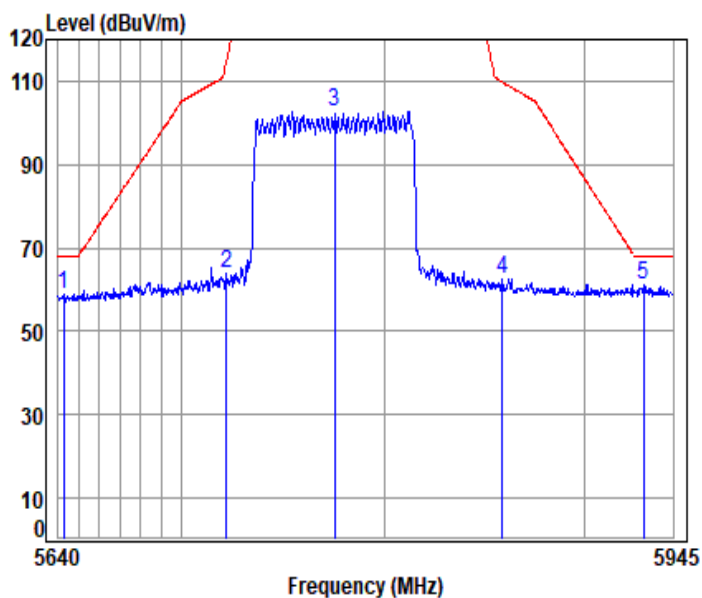
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Report No.: SZCR241100451006

Page: 281 of 760

11ax_80M_TX_CH_155_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5775 Band edge

: 5.8G Wi-Fi 11ax80 MIMO

		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	5642.674	10.47	33.09	30.64	46.15	59.07	68.20	-9.13	Peak
2	5721.979	10.66	33.24	30.61	50.70	63.99	115.31	-51.32	peak
3	5775.000	10.91	33.35	30.59	88.89	102.56	-----	-----	peak
4	5858.592	10.94	33.58	30.56	48.36	62.32	109.79	-47.47	peak
5 pp	5929.990	10.87	33.56	30.53	47.02	60.92	68.20	-7.28	peak



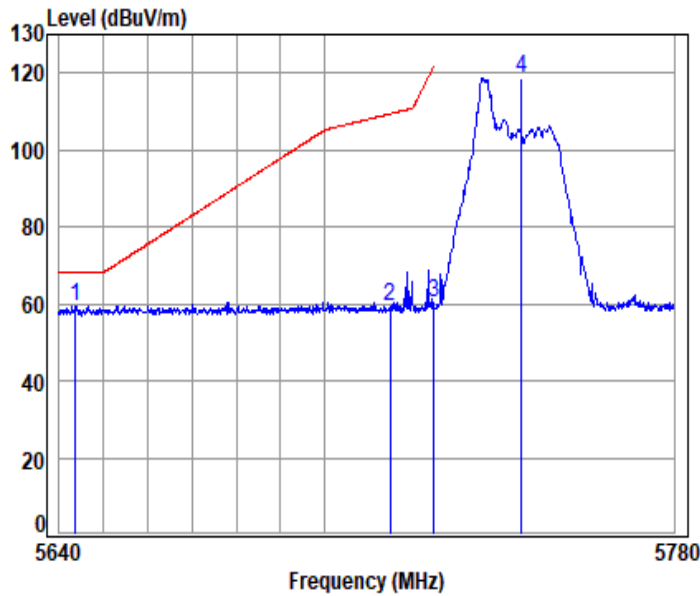
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11ax_20M_Partial_RU26_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

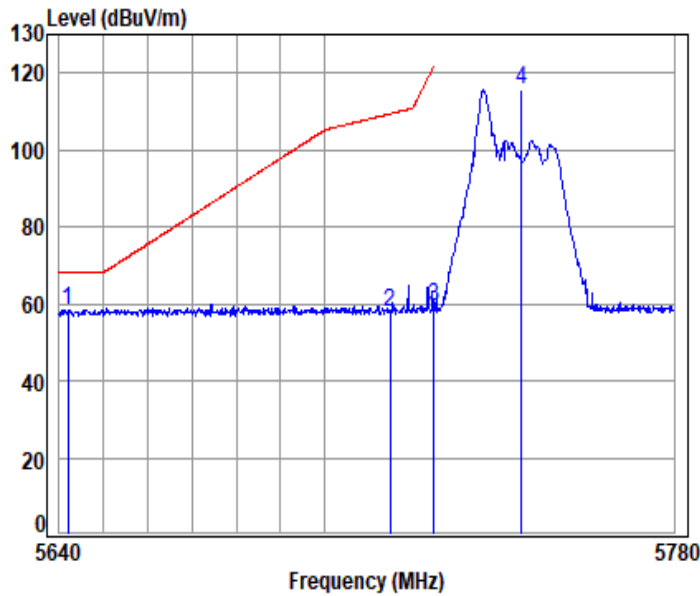
Mode : 5745 Band edge

: 5.8G Wi-Fi 11ax20_RU26 MIMO

		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 5643.735	10.48	33.09	30.64	46.32	59.25	68.20	-8.95	peak
2 5715.000	10.63	33.23	30.61	45.86	59.11	109.40	-50.29	peak
3 5725.000	10.68	33.25	30.61	47.09	60.41	122.20	-61.79	peak
4 5745.000	10.77	33.29	30.60	105.31	118.77	-----	-----	peak



11ax_20M_Partial_RU26_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

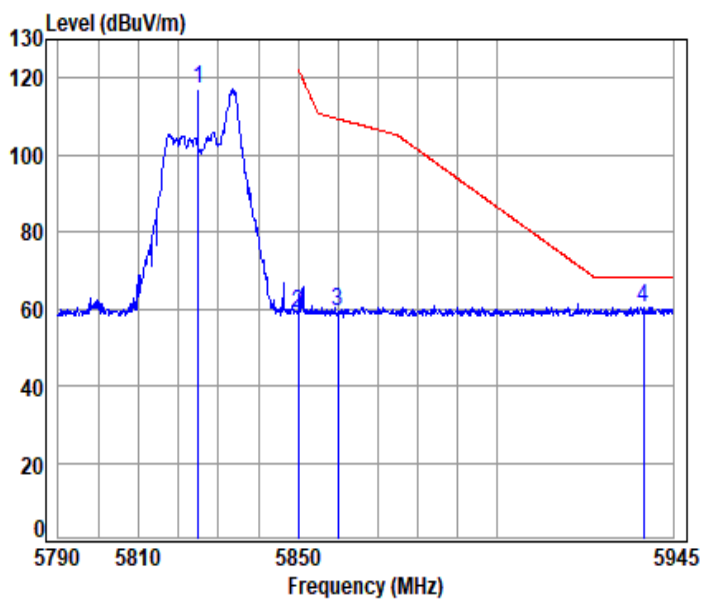
Mode : 5745 Band edge

: 5.8G Wi-Fi 11ax20_RU26 MIMO

	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 5641.937	10.47	33.08	30.64	45.65	58.56	68.20	-9.64	peak
2 5715.000	10.63	33.23	30.61	44.74	57.99	109.40	-51.41	peak
3 5725.000	10.68	33.25	30.61	46.15	59.47	122.20	-62.73	peak
4 5745.000	10.77	33.29	30.60	102.41	115.87	-----	-----	peak



11ax_20M_Partial_RU26_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

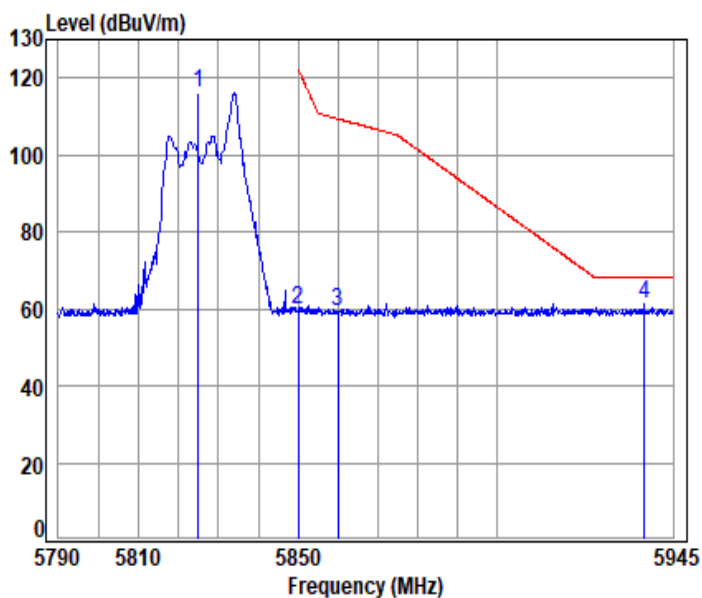
Mode : 5825 Band edge

: 5.8G Wi-Fi 11ax20_RU26 MIMO

		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	5825.000	10.99	33.50	30.57	103.19	117.11	-----	peak
2	5850.000	10.95	33.60	30.56	45.02	59.01	122.20	-63.19 peak
3	5860.000	10.94	33.58	30.56	45.22	59.18	109.40	-50.22 peak
4 pp	5937.466	10.86	33.57	30.53	46.62	60.52	68.20	-7.68 peak



11ax_20M_Partial_RU26_TX_CH_165_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

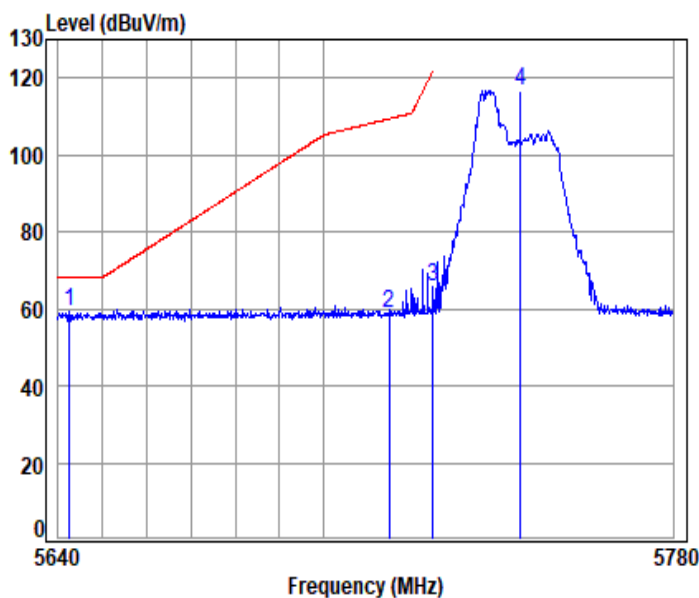
Mode : 5825 Band edge

: 5.8G Wi-Fi 11ax20_RU26 MIMO

		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	5825.000	10.99	33.50	30.57	102.07	115.99	-----	peak
2	5850.000	10.95	33.60	30.56	45.94	59.93	122.20	-62.27 peak
3	5860.000	10.94	33.58	30.56	45.29	59.25	109.40	-50.15 peak
4 pp	5937.623	10.86	33.58	30.52	47.23	61.15	68.20	-7.05 peak



11ax_20M_Partial_RU52_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5745 Band edge

: 5.8G Wi-Fi 11ax20_RU52 MIMO

		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 5642.490	10.47	33.08	30.64	46.54	59.45	68.20	-8.75	peak
2 5715.000	10.63	33.23	30.61	45.80	59.05	109.40	-50.35	peak
3 5725.000	10.68	33.25	30.61	52.39	65.71	122.20	-56.49	peak
4 5745.000	10.77	33.29	30.60	103.25	116.71	-----	-----	peak



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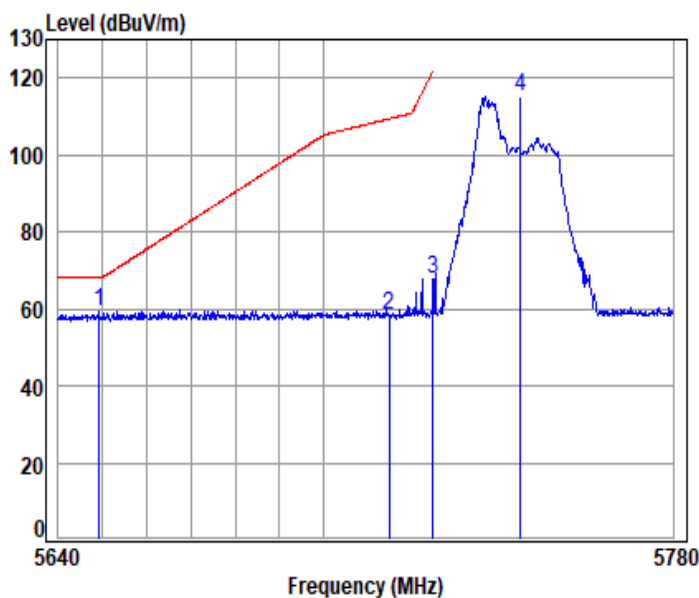
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Report No.: SZCR241100451006

Page: 287 of 760

11ax_20M_Partial_RU52_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5745 Band edge

: 5.8G Wi-Fi 11ax20_RU52 MIMO

		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 5649.135	10.48		33.10	30.64	46.14	59.08	68.20	-9.12 peak
2 5715.000	10.63		33.23	30.61	45.21	58.46	109.40	-50.94 peak
3 5725.000	10.68		33.25	30.61	54.45	67.77	122.20	-54.43 peak
4 5745.000	10.77		33.29	30.60	101.73	115.19	-----	----- peak



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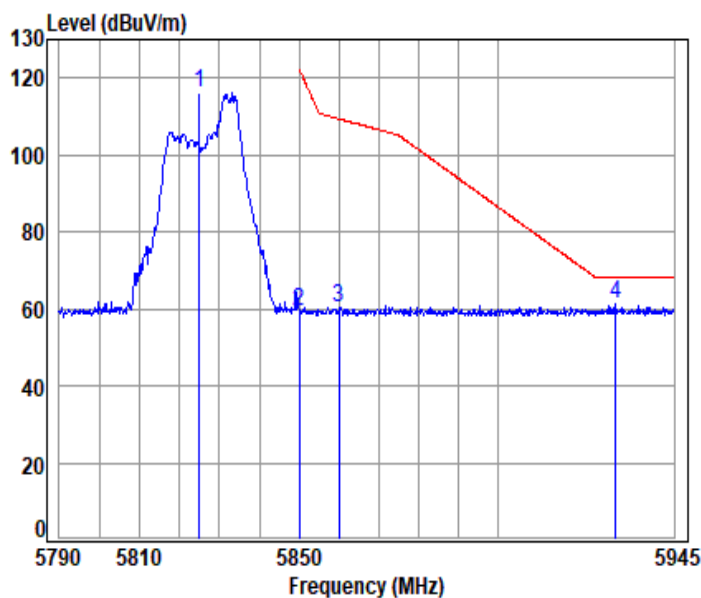
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Report No.: SZCR241100451006

Page: 288 of 760

11ax_20M_Partial_RU52_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5825 Band edge

: 5.8G Wi-Fi 11ax20_RU52 MIMO

		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	5825.000	10.99	33.50	30.57	102.20	116.12	-----	peak
2	5850.000	10.95	33.60	30.56	45.45	59.44	122.20	-62.76 peak
3	5860.000	10.94	33.58	30.56	46.22	60.18	109.40	-49.22 peak
4 pp	5930.098	10.87	33.56	30.53	47.52	61.42	68.20	-6.78 peak



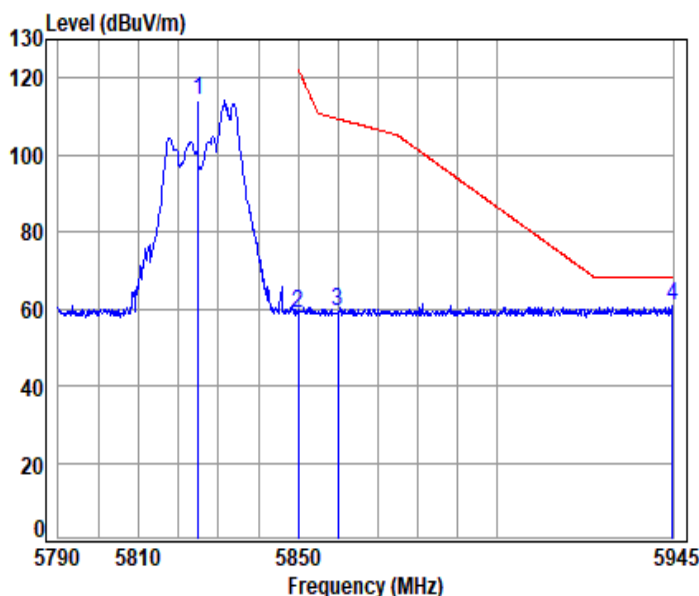
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11ax_20M_Partial_RU52_TX_CH_165_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5825 Band edge

: 5.8G Wi-Fi 11ax20_RU52 MIMO

		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	5825.000	10.99	33.50	30.57	100.23	114.15	-----	peak
2	5850.000	10.95	33.60	30.56	44.93	58.92	122.20	-63.28 peak
3	5860.000	10.94	33.58	30.56	45.15	59.11	109.40	-50.29 peak
4 pp	5944.843	10.85	33.59	30.52	46.80	60.72	68.20	-7.48 peak



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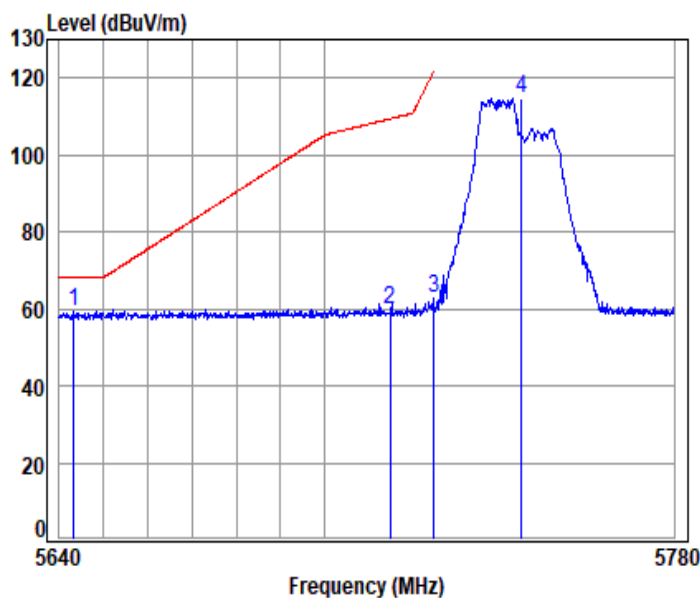
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451006

Page: 290 of 760

11ax_20M_Partial_RU106_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5745 Band edge

: 5.8G Wi-Fi 11ax20_RU106 MIMO

		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 5643.320	10.47	33.09	30.64	46.35	59.27	68.20	-8.93	peak
2 5715.000	10.63	33.23	30.61	46.37	59.62	109.40	-49.78	peak
3 5725.000	10.68	33.25	30.61	49.39	62.71	122.20	-59.49	peak
4 5745.000	10.77	33.29	30.60	101.31	114.77	-----	-----	peak



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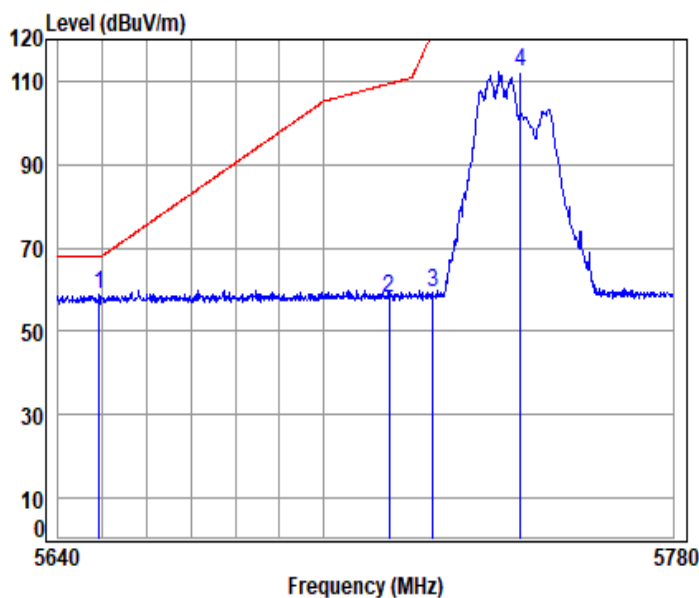
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Report No.: SZCR241100451006

Page: 291 of 760

11ax_20M_Partial_RU106_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5745 Band edge

: 5.8G Wi-Fi 11ax20_RU106 MIMO

	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 5649.273	10.48	33.10	30.64	45.83	58.77	68.20	-9.43 peak
2 5715.000	10.63	33.23	30.61	44.52	57.77	109.40	-51.63 peak
3 5725.000	10.68	33.25	30.61	45.99	59.31	122.20	-62.89 peak
4 5745.000	10.77	33.29	30.60	98.66	112.12	-----	----- peak



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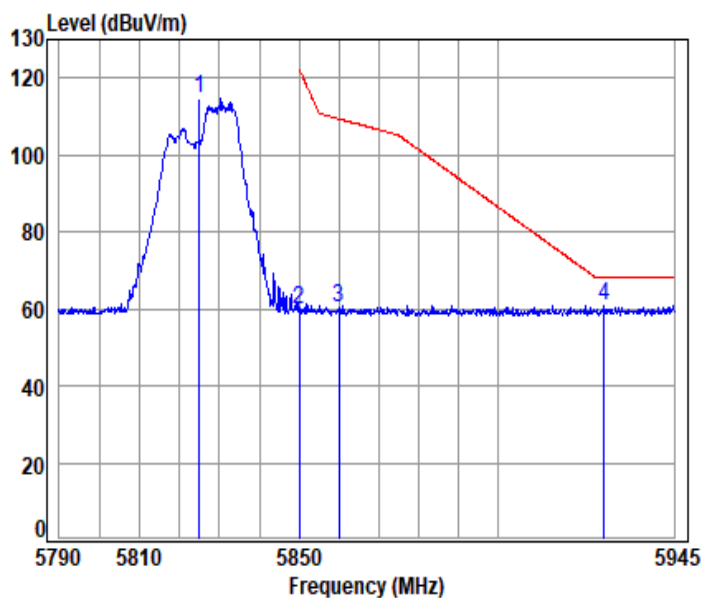
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Report No.: SZCR241100451006

Page: 292 of 760

11ax_20M_Partial_RU106_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5825 Band edge

: 5.8G Wi-Fi 11ax20_RU106 MIMO

		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	5825.000	10.99	33.50	30.57	100.64	114.56	-----	peak
2	5850.000	10.95	33.60	30.56	45.68	59.67	122.20	-62.53 peak
3	5860.000	10.94	33.58	30.56	46.17	60.13	109.40	-49.27 peak
4 pp	5927.123	10.87	33.55	30.53	46.97	60.86	68.20	-7.34 peak



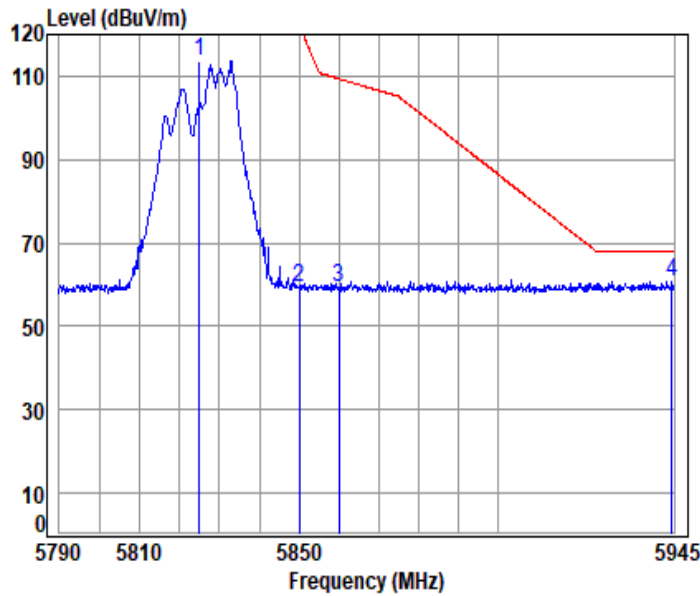
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11ax_20M_Partial_RU106_TX_CH_165_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5825 Band edge

: 5.8G Wi-Fi 11ax20_RU106 MIMO

		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	5825.000	10.99	33.50	30.57	99.90	113.82	-----	----- peak
2	5850.000	10.95	33.60	30.56	45.38	59.37	122.20	-62.83 peak
3	5860.000	10.94	33.58	30.56	45.30	59.26	109.40	-50.14 peak
4 pp	5944.372	10.85	33.59	30.52	46.84	60.76	68.20	-7.44 peak



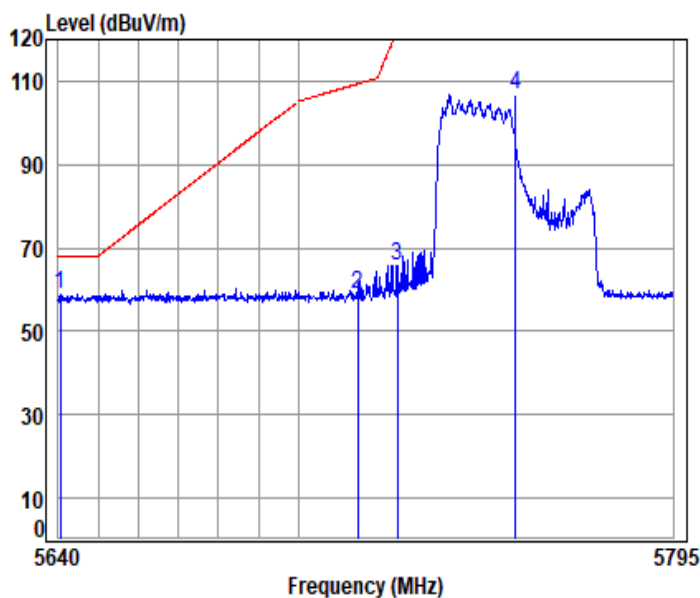
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Report No.: SZCR241100451006

Page: 294 of 760

11ax_40M_Partial_RU242_TX_CH_151_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5755 Band edge

: 5.8G Wi-Fi 11ax40_RU242 MIMO

		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 5640.459	10.47	33.08	30.64	45.91	58.82	68.20	-9.38 peak
2	5715.000	10.63	33.23	30.61	45.51	58.76	109.40	-50.64 peak
3	5725.000	10.68	33.25	30.61	52.43	65.75	122.20	-56.45 peak
4	5755.000	10.81	33.31	30.60	93.31	106.83	-----	----- peak



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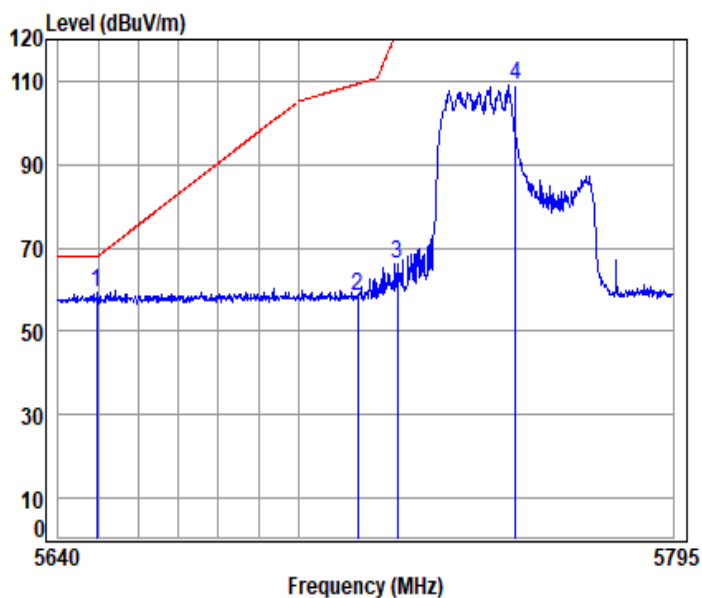
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Report No.: SZCR241100451006

Page: 295 of 760

11ax_40M_Partial_RU242_TX_CH_151_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5755 Band edge

: 5.8G Wi-Fi 11ax40_RU242 MIMO

		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 5649.642	10.48	33.10	30.64	46.22	59.16	68.20	-9.04	peak
2 5715.000	10.63	33.23	30.61	45.18	58.43	109.40	-50.97	peak
3 5725.000	10.68	33.25	30.61	52.95	66.27	122.20	-55.93	peak
4 5755.000	10.81	33.31	30.60	95.59	109.11	-----	-----	peak



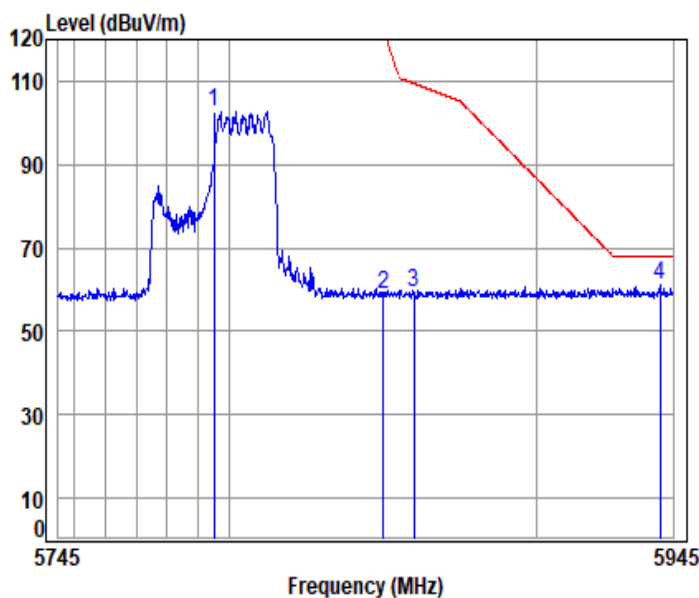
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11ax_40M_Partial_RU242_TX_CH_159_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

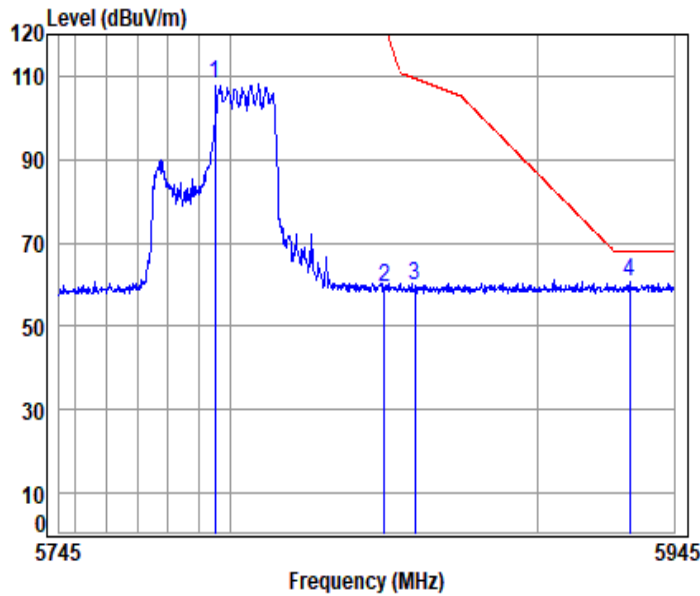
Mode : 5795 Band edge

: 5.8G Wi-Fi 11ax40_RU242 MIMO

		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	5795.000	11.00	33.39	30.58	89.04	102.85	-----	peak
2	5850.000	10.95	33.60	30.56	45.06	59.05	122.20	-63.15 peak
3	5860.000	10.94	33.58	30.56	45.47	59.43	109.40	-49.97 peak
4 pp	5940.729	10.86	33.58	30.52	47.02	60.94	68.20	-7.26 peak



11ax_40M_Partial_RU242_TX_CH_159_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5795 Band edge

: 5.8G Wi-Fi 11ax40_RU242 MIMO

		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	5795.000	11.00	33.39	30.58	94.40	108.21	-----	peak
2	5850.000	10.95	33.60	30.56	45.23	59.22	122.20	-62.98 peak
3	5860.000	10.94	33.58	30.56	45.74	59.70	109.40	-49.70 peak
4 pp	5930.370	10.87	33.56	30.53	46.80	60.70	68.20	-7.50 peak



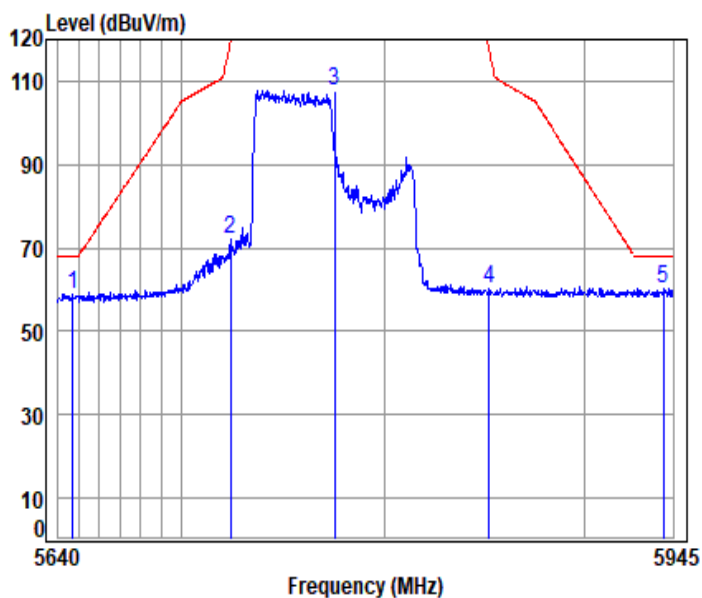
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Report No.: SZCR241100451006

Page: 298 of 760

11ax_80M_Partial_RU484_TX_CH_155_Horizontal



Condition: 3m HORIZONTAL

Job No : 04510WM

Mode : 5775 Band edge

: 5.8G Wi-Fi 11ax80_RU484 MIMO

		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	5646.836	10.48	33.09	30.64	45.86	58.79	68.20	-9.41 Peak
2	5723.787	10.67	33.25	30.61	58.55	71.86	119.44	-47.58 peak
3	5775.000	10.91	33.35	30.59	94.13	107.80	-----	----- peak
4	5852.116	10.95	33.60	30.56	46.13	60.12	117.37	-57.25 peak
5 pp	5939.993	10.86	33.58	30.52	46.49	60.41	68.20	-7.79 peak



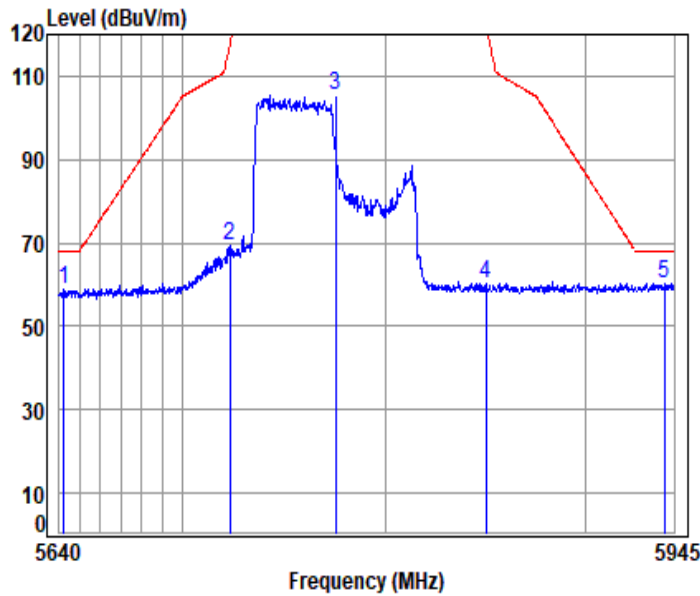
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11ax_80M_Partial_RU484_TX_CH_155_Vertical



Condition: 3m VERTICAL

Job No : 04510WM

Mode : 5775 Band edge

: 5.8G Wi-Fi 11ax80_RU484 MIMO

		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	5642.377	10.47	33.08	30.64	46.09	59.00	68.20	-9.20 Peak
2	5723.184	10.67	33.25	30.61	56.17	69.48	118.06	-48.58 peak
3	5775.000	10.91	33.35	30.59	91.66	105.33	-----	----- peak
4	5849.958	10.96	33.60	30.56	46.17	60.17	-----	----- peak
5 pp	5940.305	10.86	33.58	30.52	46.37	60.29	68.20	-7.91 peak



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7.6 Channel Move Time

Test Requirement KDB 905462 D02 Section 5.1
Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

7.6.1 E.U.T. Operation

Operating Environment:

Temperature: 24 °C Humidity: 42 % RH Atmospheric Pressure: 1020 mbar



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SZEMC-TRF-01 Rev. A/1

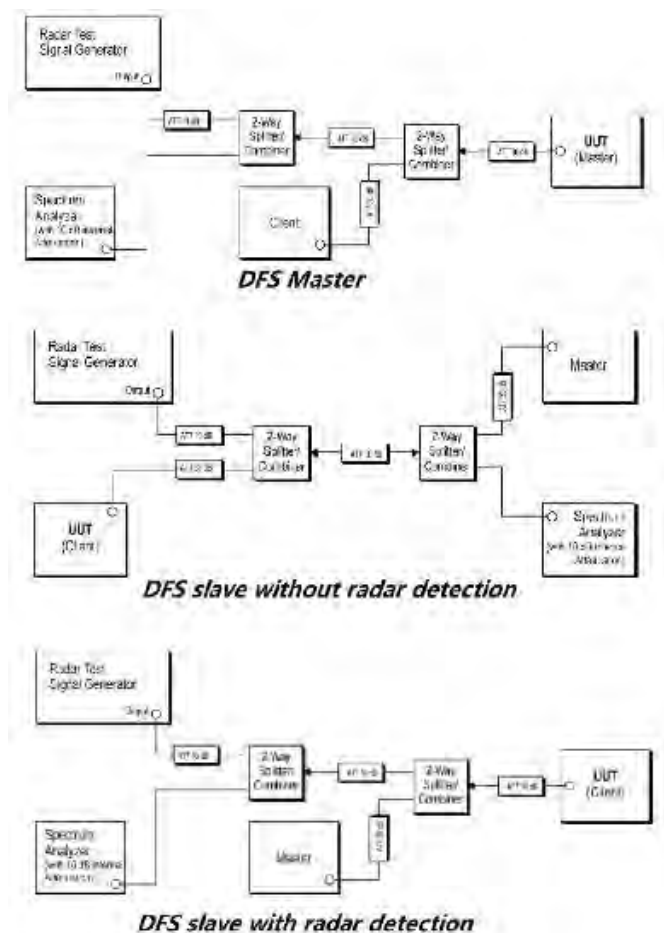
Report No.: SZCR241100451006

Page: 301 of 760

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	14	Normal operating_Keep the EUT communication with the companion device.

7.6.3 Test Setup Diagram



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7.6.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

7.7 Duty Cycle

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

7.7.1 E.U.T. Operation

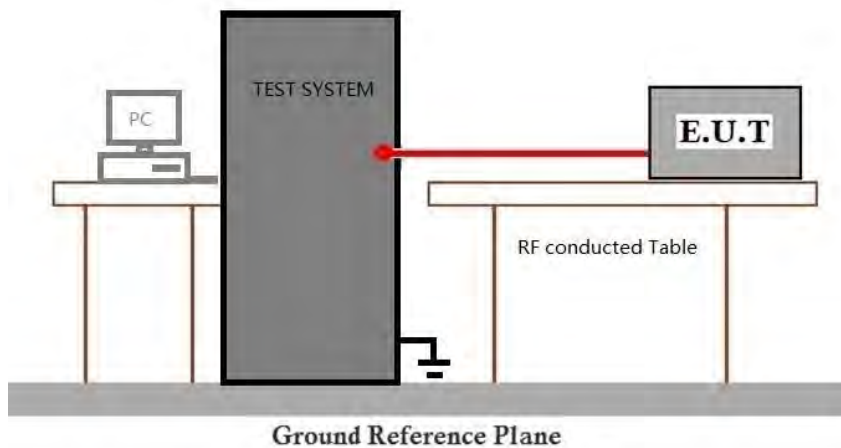
Operating Environment:

Temperature: 24 °C Humidity: 42 % RH Atmospheric Pressure: 1020 mbar

7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	13	TX mode_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 802.11n/ac/ax 20/40/80M, Only the data of worst case is recorded in the report.

7.7.3 Test Setup Diagram



7.7.4 Measurement Procedure and Data

Please Refer to Appendix for Details