

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 1 of 290

TEST REPORT

Application No.: SZCR2305001476AT **Applicant:** DT Research, Inc.

Address of Applicant: 3RD FL NO 36 WUQUAN 7TH RD WUGU DISTRICT, NEW TAIPEI, Taiwan

Manufacturer: DT Research, Inc.

Address of Manufacturer: 2000 Concourse Drive, San Jose, CA 95131, USA

Factory: DT Research, Inc. Taiwan Branch

Address of Factory: 6F., No.36 Wuquan 7 th Rd., Wugu Dist. New Taipei City 248 Taiwan

Equipment Under Test (EUT):

EUT Name: Rugged Tablet

Model No.: 301EY, 301Qxxxx, 301EYxxx(x= 0-9, A-Z, - or null, or .,or /) ♣

Please refer to section 2 of this report which indicates which model was

actually tested and which were electrically identical.

Trade Mark:

DT Research

FCC ID: YE3600-SC668SWF

Standard(s): 47 CFR Part 15, Subpart E 15.407

Date of Receipt: 2023-05-16

Date of Test: 2023-05-23 to 2023-06-06

Date of Issue: 2023-06-11

Test Result: Pass*

Keny Xu EMC Laboratory Manager



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^{*} In the configuration tested, the EUT complied with the standards specified above.



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 2 of 290

	Revision Record							
Version	Chapter	Date	Modifier	Remark				
01		2023-06-11		Original				

Authorized for issue by:		
	Edisonti	
	Edison Li/Project Engineer	
	Exic Fu	
	Eric Fu/Reviewer	



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 3 of 290

2 Test Summary

Radio Spectrum Technical Requirement							
Item	Standard	Method	Requirement	Result			
Antenna Requirement	47 CFR Part 15,	N/A	47 CFR Part 15, Subpart C 15.203	Pass			
Transmission in the Absence of Data	Subpart E 15.407	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)		ANSI C63.10 (2013) Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)	Pass		
Radiated Emissions which fall in the restricted bands	47 CFR Part 15,	KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass		
Radiated Emissions (Below 1GHz)	Subpart E 15.407	KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass		
Radiated Emissions (Above 1GHz)		KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass		

Remark:

Model No.: 301EY, 301Qxxxx, 301EYxxx(x= 0-9, A-Z, - or null, or .,or /)

Only the model 301EY was tested, since according to the declaration from the applicant, the electrical circuit design, layout, components used, internal wiring and functions were identical for all the above models, with only difference on model No..

This report is prepared for FCC class II permissive change.

The modular approval by TCB, FCC ID:YE3600-SC668SWF, Granted on 06/29/2023.

The module installed into host platform mentioned above is electronically and mechanically identical to the original certified module. The Original FCC testing on module under FCC ID:XMR2022SC668SW was performed with an antenna of higher gain, and the antenna was connected to the module in an open environment. The current host platform under application is used a new antenna of the same type and a different gain than the original certified module, and it is installed inside the host platform enclosure.

Therefore in this report Conducted Emissions at AC Power Line (150kHz-30MHz), Radiated Emissions which fall in the restricted bands and Radiated Spurious Emissions were fully retested on model 301EY and shown the data in this report.



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 4 of 290

3 Contents

			Page
1	Cover	[,] Page	1
2	Test S	Summary	9
_			
3	Conte	ents	4
4	Gener	ral Information	6
	4.1 C	Details of E.U.T.	6
	4.2 D	Description of Support Units	
		Measurement Uncertainty	
	4.4 T	Fest Location	8
	4.5 T	Геst Facility	8
	4.6 D	Deviation from Standards	8
	4.7 A	Abnormalities from Standard Conditions	8
5	Fauin	ment List	c
•	Ечагр		
6	Radio	Spectrum Technical Requirement	11
	6.1 A	Antenna Requirement	11
	6.1.1	Test Requirement:	
	6.1.2	Conclusion	
		Fransmission in the Absence of Data	
	6.2.1	Test Requirement:	
	6.2.2	Conclusion	11
7	Radio	Spectrum Matter Test Results	12
	7.1 C	Conducted Emissions at AC Power Line (150kHz-30MHz)	12
	7.1.1	E.U.T. Operation	
	7.1.2	Test Mode Description	
	7.1.3	Test Setup Diagram	
	7.1.4	Measurement Procedure and Data	13
	7.2 F	Radiated Emissions which fall in the restricted bands	
	7.2.1	E.U.T. Operation	16
	7.2.2	Test Mode Description	
	7.2.3	Test Setup Diagram	
	7.2.4	Measurement Procedure and Data	
		Radiated Emissions (Below 1GHz)	
	7.3.1	E.U.T. Operation	
	7.3.2	Test Mode Description	
	7.3.3	Test Setup Diagram	
	7.3.4	Measurement Procedure and Data	
		Radiated Emissions (Above 1GHz)	
	7.4.1	E.U.T. Operation	
	7.4.2	Test Mode Description	
	7.4.3	Test Setup Diagram	1/4



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Page: 5 of 290

			ı aye.	3 01 230	
	7.4.4	Measurement Procedure and Data			.175
8	Test S	etup Photo			.290
9	EUT C	onstructional Details (EUT Photos)			.290



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 6 of 290

General Information

4.1 Details of E.U.T.

4.1	Details of E.U.T.						
	Power supply:	AC Adapter					
		Model: A18-065N3A					
		Input: AC 100-240V, 1.7A, 50/60Hz					
		Output: DC 19.0	V, 3.42A, 65.0W				
		Rechargeable L	ithium-Ion Polymer Batter	у			
		Model: ACC-006	6-90K(3ICP7/36/115-2)				
		Rated Capacity:	8000mAh				
		Voltage: DC 11.	4V				
		Watt-Hour: 91.2	Wh				
		Max Charge Vo	ltage: 13.05V				
		Rechargeable L	ithium-Ion Battery(Backup	Battery)			
		Model: PT35204	44-2S(2IC4/20/44)				
		Rated Capacity:	250mAh				
		Voltage: DC 7.4	V				
		Watt-Hour: 1.85	Wh				
	Cable(s):	DC cable:140cn	n with a ferrite core				
	Operation Frequency:	Band	Mode	Frequency Range(MHz)	Number of channels		
		UNII Band I	802.11a/n/ac(HT20)	5180-5240	4		
			802.11n/ac(HT40)	5190-5230	2		
			802.11ac(HT80)	5210	1		
		UNII Band II-A	802.11a/n/ac(HT20)	5260-5320	4		
			802.11n/ac(HT40)	5270-5310	2		
			802.11ac(HT80)	5290	1		
		UNII Band II-C	802.11a/n/ac(HT20)	5500-5720	12		
			802.11n/ac(HT40)	5510-5710	6		
			802.11ac(HT80)	5530-5670	3		
		UNII Band III	802.11a/n/ac(HT20)	5745-5825	5		
			802.11n/ac(HT40)	5755-5795	2		
			802.11ac(HT80)	5775	1		
	Modulation Type:		(QPSK, BPSK, 16QAM, 6	•			
		802.11n: OFDM(QPSK, BPSK, 16QAM, 64QAM)					
			M(QPSK, BPSK, 16QAM, (64QAM, 256QAM)			
	DFS Function:	Slave without ra	dar detection				
	TPC Function:	Not support					
	Antenna Type:	PIFA Antenna					
	Antenna Gain:	3.6dBi					



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 7 of 290

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4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.			
			-			
The EUT has been tested as an independent unit.						

4.3 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at AC Power Line (150kHz-30MHz)	± 3.1dB
Radiated Emissions which fall in the restricted bands	± 6.0dB (below 1GHz); ± 4.6dB (above 1GHz);
Radiated Emissions (Below 1GHz)	± 6.0dB for 3m; ± 5.0dB for 10m
Radiated Emissions (Above 1GHz)	± 4.6dB (1-18GHz);± 4.8dB (18- 40GHz)

Remark:

The U_{lab} (lab Uncertainty) is less than U_{cispr/ETSI} (CISPR/ETSI Uncertainty), so the test results

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 8 of 290

4.4 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China. 518057.

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

No tests were sub-contracted.

4.5 Test Facility

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

A2LA (Certificate No. 3816.01)

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

• VCCI (Member No. 1937)

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

• FCC -Designation Number: CN1336

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

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

• Innovation, Science and Economic Development Canada

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

CAB identifier: CN0006.

IC#: 4620C.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 9 of 290

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	ESCI	SEM004-02	2023-03-20	2024-03-19	
Matching Pad	N/A	N/A	SEM021-23	2023-03-22	2024-03-21	
Matching Pad	N/A	N/A	SEM021-24	2023-03-22	2024-03-21	
Measurement Software	AUDIX	e3 V8.2014-6- 27a	N/A	N/A	N/A	
Coaxial Cable	SGS	N/A	SEM024-01	2022-07-08	2023-07-07	
LISN	Rohde&Schwarz	ENV216	SEM007-01	2022-09-20	2023-09-19	
LISN	ETS-LINDGREN	3816/2	SEM007-02	2023-03-20	2024-03-19	

Radiated Emissions which fall in the restricted bands						
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date	
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2022-04-02	2025-04-01	
Signal Analyzer	Rohde & Schwarz	FSV40	SEM008-04	2023-03-20	2024-03-19	
Horn Antenna	Rohde&Schwarz	HF907	SEM003-07	2022-07-24	2024-07-23	
Microwave system amplifier	Agilent	83017A	SEM005-25	2022-09-21	2023-09-20	
Measurement Software	AUDIX	e3 V8.2014-6- 27	N/A	N/A	N/A	
Coaxial Cable	SGS	N/A	SEM026-01	2022-07-08	2023-07-07	

Radiated Emissions (Below 1GHz)									
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date				
Loop Antenna	ETS-Lindgren	6502	SEM003-08	2021-11-30	2023-11-29				
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2020-07-19	2023-07-18				
MXE EMI Receiver	Agilent Technologies	N9038A	SEM004-15	2022-10-20	2023-10-19				
BiConiLog Antenna	ETS-LINDGREN	3142C	SEM003-01	2021-09-17	2023-09-16				
Pre-Amplifier	Agilent Technologies	8447D	SEM005-01	2023-03-20	2024-03-19				
Measurement Software	AUDIX	e3 V8.2014-6- 27	N/A	N/A	N/A				
Coaxial Cable	SGS	N/A	SEM025-01	2022-07-08	2023-07-07				



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 10 of 290

Radiated Emissions (Above 1GHz)									
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date				
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2022-04-02	2025-04-01				
Signal Analyzer	Rohde & Schwarz	FSV40	SEM008-04	2023-03-20	2024-03-19				
Horn Antenna	Rohde&Schwarz	HF907	SEM003-07	2022-07-24	2024-07-23				
Microwave system amplifier	Aniient		83017A SEM005-25		2023-09-20				
Measurement Software	AUDIX	e3 V8.2014-6- 27	N/A	N/A	N/A				
Coaxial Cable	SGS	N/A	SEM026-01	2022-07-08	2023-07-07				

General used equipment									
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date				
Humidity/ Temperature Indicator	Mingle	N/A	SEM002-08	2022-09-04	2023-09-03				
Humidity/ Temperature Anymetre		TH101B	SEM002-09	2022-09-04	2023-09-03				
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2023-03-23	2024-03-22				



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

11 of 290 Page:

Radio Spectrum Technical Requirement

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 shall be considered sufficient to comply with the provisions of this section. 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. This requirement does not apply to carrier current devices or to devices operated under the provisions of 15.211, 15.213, 15.217, 15.219, 15.221, or 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

EUT Antenna:

The antenna connector is a IPEX type that comply with Part15.203, the best case gain of the antenna is 3.6dBi.

Antenna location: Refer to internal photo.

6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart C 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.



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 12 of 290

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	Conducted limit(dB μ V)						
emission(MHz)	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: 23.7 °C Humidity: 46.8 % RH Atmospheric Pressure: 1010 mbar

7.1.2 Test Mode Description

7.1.2 TEST IV	7.1.2 Test wode Description					
Pre-scan / Final test	Mode Code	Description				
Final test	16	Charge+TX mode (U-NII-1)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.				
Pre-scan	18	Charge+TX mode (U-NII-2A)_Keep the EUT in chanrging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.				
Pre-scan	20	Charge+TX mode (U-NII-2C)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only				



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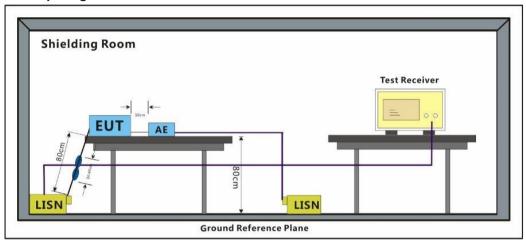
SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 13 of 290

		the data of worst case is recorded in the report.
Pre-scan	22	Charge+TX mode (U-NII-3)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). 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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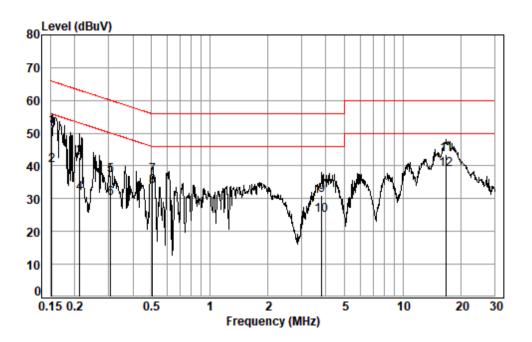


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 14 of 290

Test Mode: 16: Line: Live line



: Shielding Room

Condition: Line Job No. : 01476AT

Test mode: 16

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1524	0.03	9.63	42.44	52.10	65.87	-13.77	QP
2	0.1524	0.03	9.63	30.44	40.10	55.87	-15.77	Average
3	0.2128	0.04	9.62	33.07	42.73	63.10	-20.37	QP
4	0.2128	0.04	9.62	22.06	31.72	53.10	-21.38	Average
5	0.3067	0.04	9.62	27.57	37.23	60.06	-22.83	QP
6	0.3067	0.04	9.62	20.36	30.02	50.06	-20.04	Average
7	0.5047	0.06	9.62	27.39	37.07	56.00	-18.93	QP
8	0.5047	0.06	9.62	24.03	33.71	46.00	-12.29	Average
9	3.7994	0.14	9.66	21.10	30.90	56.00	-25.10	QP
10	3.7994	0.14	9.66	15.20	25.00	46.00	-21.00	Average
11	16.8387	0.19	9.88	33.58	43.65	60.00	-16.35	QP
12 *	16.8387	0.19	9.88	28.79	38.86	50.00	-11.14	Average



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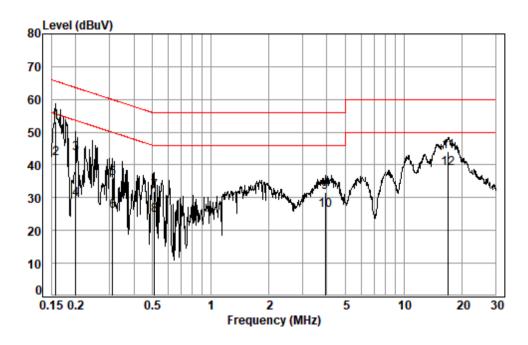


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 15 of 290

Test Mode: 16: Line: Neutral Line



: Shielding Room

Condition: Neutral Job No. : 01476AT

Test mode: 16

	Freq	Cable LISN Freq Loss Factor		Read Level			Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1582	0.03	9.62	43.50	53.15	65.56	-12.41	QP
2	0.1582	0.03	9.62	32.31	41.96	55.56	-13.60	Average
3	0.2007	0.04	9.62	33.89	43.55	63.58	-20.03	QP
4	0.2007	0.04	9.62	19.95	29.61	53.58	-23.97	Average
5	0.3116	0.04	9.62	26.10	35.76	59.93	-24.17	QP
6	0.3116	0.04	9.62	16.16	25.82	49.93	-24.11	Average
7	0.5128	0.06	9.62	22.26	31.94	56.00	-24.06	QP
8	0.5128	0.06	9.62	14.92	24.60	46.00	-21.40	Average
9	3.9222	0.14	9.67	21.70	31.51	56.00	-24.49	QP
10	3.9222	0.14	9.67	16.39	26.20	46.00	-19.80	Average
11	17.0181	0.20	10.02	33.80	44.02	60.00	-15.98	QP
12 *	17.0181	0.20	10.02	28.80	39.02	50.00	-10.98	Average



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 16 of 290

7.2 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: KDB 789033 D02 II G

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.

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 23.2 °C Humidity: 58.8 % RH Atmospheric Pressure: 1005 mbar



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Report No.: SZCR230500147605

Page: 17 of 290

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	15	TX mode (U-NII-1)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Final test	16	Charge+TX mode (U-NII-1)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Pre-scan	17	TX mode (U-NII-2A)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Final test	18	Charge+TX mode (U-NII-2A)_Keep the EUT in chanrging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Pre-scan	19	TX mode (U-NII-2C)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Final test	20	Charge+TX mode (U-NII-2C)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst



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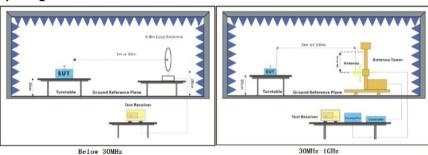
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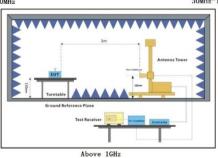
Report No.: SZCR230500147605

Page: 18 of 290

		case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Pre-scan	21	TX mode (U-NII-3)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Final test	22	Charge+TX mode (U-NII-3)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.

7.2.3 Test Setup Diagram





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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 19 of 290

7.2.4 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: 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 widest bandwidth which can be covered the same channel (center frequency) on modes with narrower bandwidth that have the same or lower output power for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test report.



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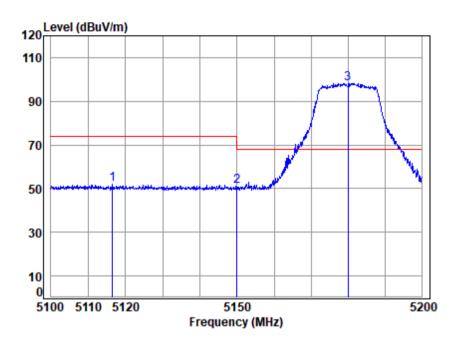


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 20 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5180 Band edge

: 5G WIFI 11A

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5116.47	7.33	34.07	34.99	45.57	51.98	74.00	-22.02	peak
2	5149.98	7.36	34.00	34.99	44.71	51.08	74.00	-22.92	peak
3 a	5180.00	7.39	34.00	34.99	91.72	98.12	68.20	29.92	peak



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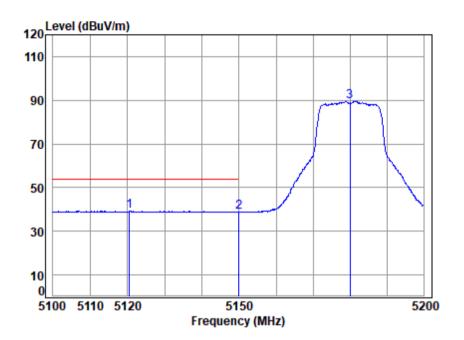


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 21 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5180 Band edge

: 5G WIFI 11A

	Freq			Preamp Factor					Remark
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5120.54	7.33	34.06	34.99	32.79	39.19	54.00	-14.81	Average
2	5149.98	7.36	34.00	34.99	32.43	38.80	54.00	-15.20	Average
3	5180.00	7.39	34.00	34.99	83.16	89.56			Average



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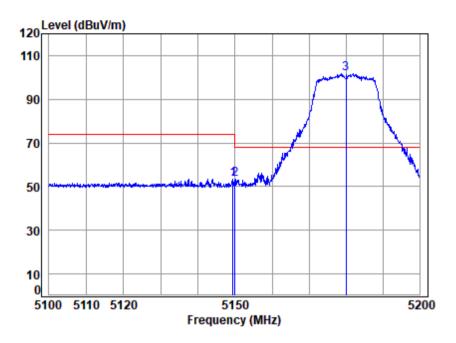


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 22 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5180 Band edge

: 5G WIFI 11A

	. 50	AATIT	114							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
_										
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5149.36	7.36	34.00	34.99	47.15	53.52	74.00	-20.48	Peak	
2	5149.98	7.36	34.00	34.99	47.14	53.51	74.00	-20.49	Peak	
3 0	5180 00	7 39	3/1 00	3/1 99	95 46	101 86	68 20	33 66	Poak	



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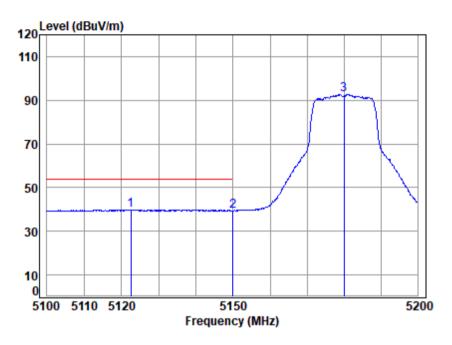


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 23 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5180 Band edge

: 5G WIFI 11A

	. 50	MATIT	114							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
_										
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 q	5122.43	7.34	34.06	34.99	33.49	39.90	54.00	-14.10	Average	
2	5149.98	7.36	34.00	34.99	33.10	39.47	54.00	-14.53	Average	
	5180 00								_	



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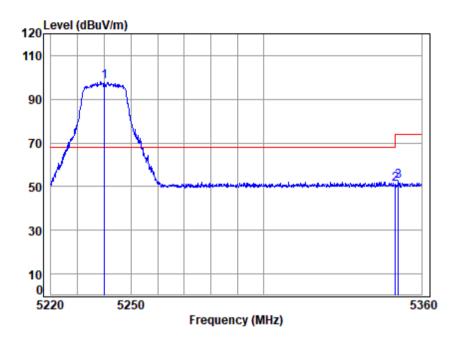


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 24 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5240 Band edge

: 5G WIFI 11A

		****	110							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 q	5240.00	7.45	34.00	35.00	91.55	98.00	68.20	29.80	peak	
	5350.02									
	5351 07								•	



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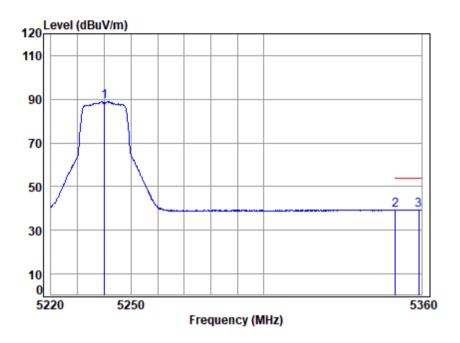


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 25 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5240 Band edge

: 5G WIFI 11A

	Freq			Preamp Factor					Remark	
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
1	5240.00	7.45	34.00	35.00	82.48	88.93			Average	
2	5350.02	7.56	34.30	35.00	32.39	39.25	54.00	-14.75	Average	
3 q	5358.87	7.57	34.34	35.00	32.56	39.47	54.00	-14.53	Average	



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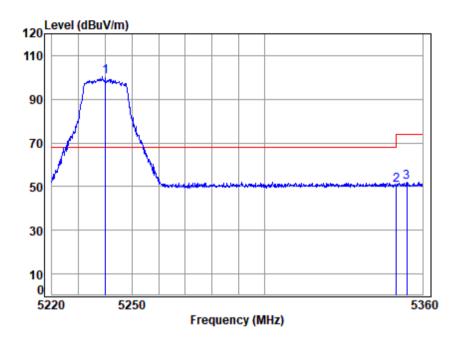


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 26 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5240 Band edge

: 5G WIFI 11A

	Freq			Preamp Factor					
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	 -
q	5240.00 5350.02								
}	5353.90								



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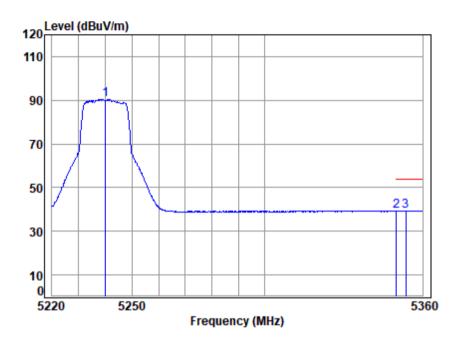


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 27 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL Job No : 01476AT

Mode : 5240 Band edge

: 5G WIFI 11A

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.00	7.45	34.00	35.00	84.00	90.45			Average
2	5350.02	7.56	34.30	35.00	32.48	39.34	54.00	-14.66	Average
3 q	5353.62	7.57	34.31	35.00	32.58	39.46	54.00	-14.54	Average



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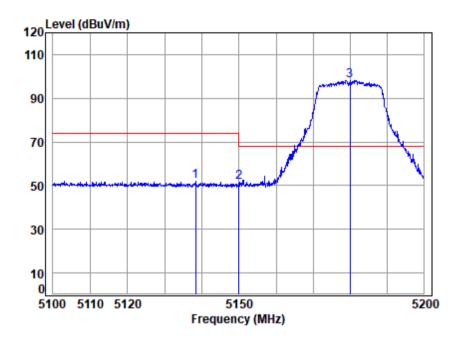


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 28 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5180 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5138.27	7.35	34.02	34.99	45.72	52.10	74.00	-21.90	peak
2	5149.98	7.36	34.00	34.99	45.00	51.37	74.00	-22.63	peak
3 q	5180.00	7.39	34.00	34.99	91.78	98.18	68.20	29.98	peak



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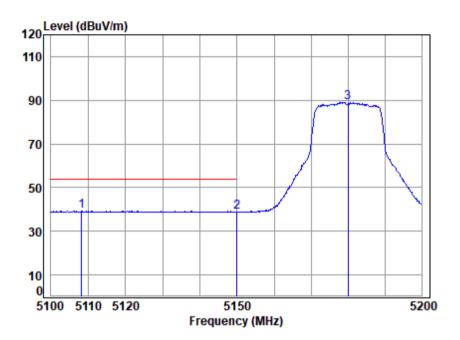


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 29 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5180 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5108.23	7.32	34.08	34.99	32.86	39.27	54.00	-14.73	Average
2	5149.98	7.36	34.00	34.99	32.64	39.01	54.00	-14.99	Average
3	5180.00	7.39	34.00	34.99	82.52	88.92			Average



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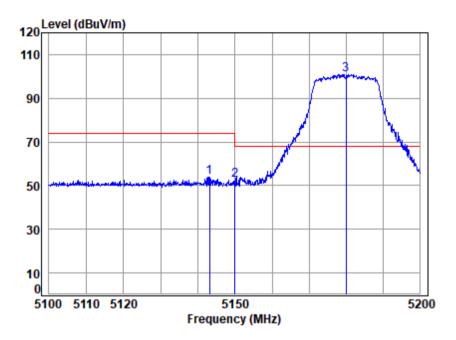


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 30 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT Mode : 5180 Band e

Mode : 5180 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					Remark
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5143.06	7.36	34.01	34.99	47.56	53.94	74.00	-20.06	Peak
2	5149.98	7.36	34.00	34.99	46.23	52.60	74.00	-21.40	Peak
3 q	5180.00	7.39	34.00	34.99	94.55	100.95	68.20	32.75	Peak



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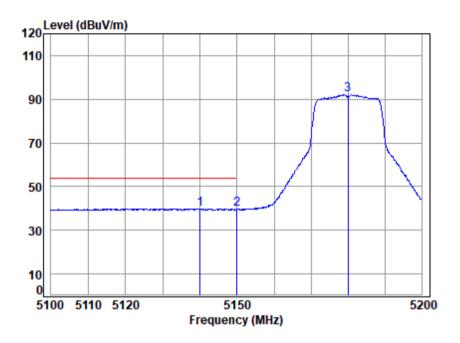


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 31 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5180 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor						
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
1 q	5139.97	7.35	34.02	34.99	33.51	39.89	54.00	-14.11	Average	
2	5149.98	7.36	34.00	34.99	33.36	39.73	54.00	-14.27	Average	
3	5180.00	7.39	34.00	34.99	85.81	92.21			Average	



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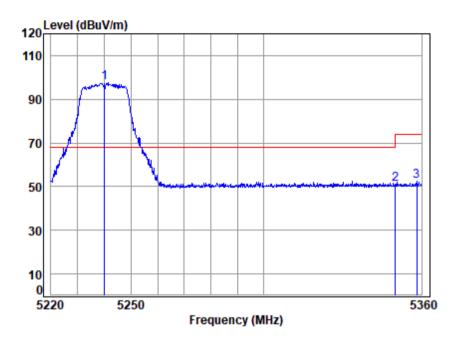


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 32 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5240 Band edge

: 5G WIFI 11N20

			Ant	Preamp Factor					Remark	
_				——dB				——dB		-
_	5240.00 5350.02								•	
3	5358 16	7 57	3/1 33	35 00	45 57	52 /17	7/ 00	_21 53	nook	



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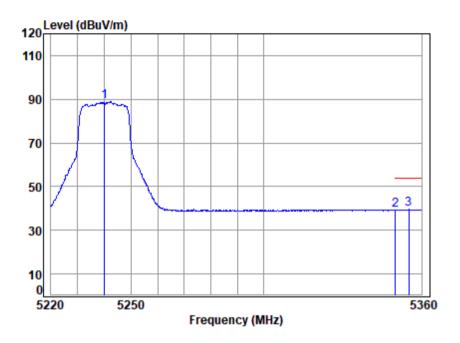


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 33 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5240 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.00	7.45	34.00	35.00	82.33	88.78			Average
2	5350.02	7.56	34.30	35.00	32.29	39.15	54.00	-14.85	Average
3 q	5355.18	7.57	34.32	35.00	32.62	39.51	54.00	-14.49	Average



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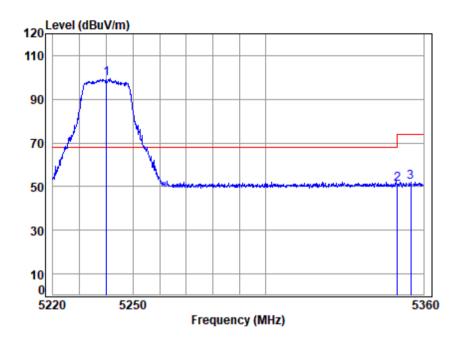


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 34 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL Job No : 01476AT

Mode : 5240 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5240.00	7.45	34.00	35.00	92.87	99.32	68.20	31.12	Peak
2	5350.02	7.56	34.30	35.00	44.33	51.19	74.00	-22.81	Peak
3	5355.18	7.57	34.32	35.00	45.35	52.24	74.00	-21.76	Peak



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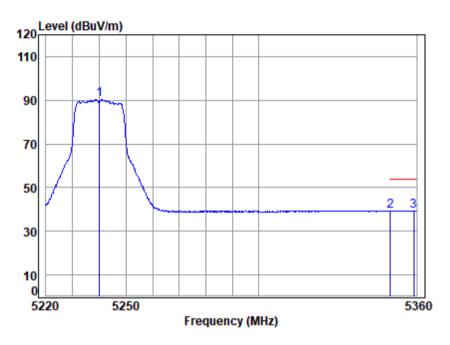


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 35 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT Mode : 5240 Band edge

56 WTET 11N20

		Ant	Preamp Factor			Remark	
_		 	——dB	 	 		
1 2	5240.00 5350.02					_	
	5359.02					_	



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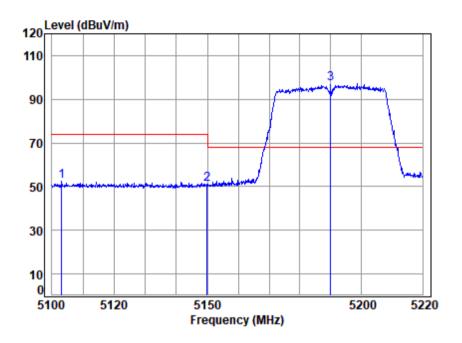


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 36 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5190 Band edge

: 5G WIFI 11N40

		AATIT	111140						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5103.20	7.32	34.09	34.99	45.88	52.30	74.00	-21.70	peak
2	5149.98	7.36	34.00	34.99	44.83	51.20	74.00	-22.80	peak
3 0	5190 00	7 40	34 00	34 99	90 70	97 11	68 20	28 91	neak



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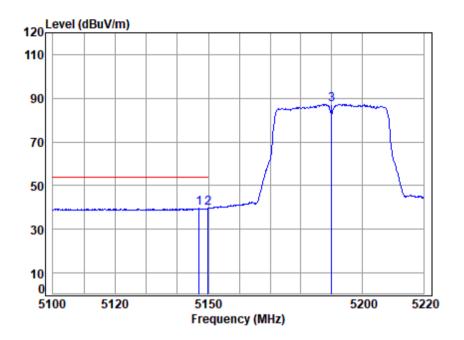


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 37 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5190 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor					Remark	
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
1	5146.95	7.36	34.01	34.99	33.17	39.55	54.00	-14.45	Average	
2 q	5149.98	7.36	34.00	34.99	33.28	39.65	54.00	-14.35	Average	
3	5190.00	7.40	34.00	34.99	80.87	87.28			Average	



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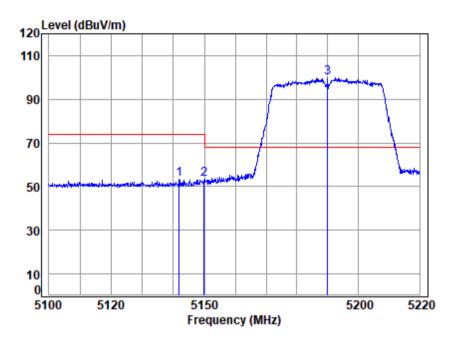


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 38 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5190 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5141.92	7.36	34.02	34.99	47.10	53.49	74.00	-20.51	Peak
2	5149.98	7.36	34.00	34.99	47.18	53.55	74.00	-20.45	Peak
3 q	5190.00	7.40	34.00	34.99	93.32	99.73	68.20	31.53	Peak



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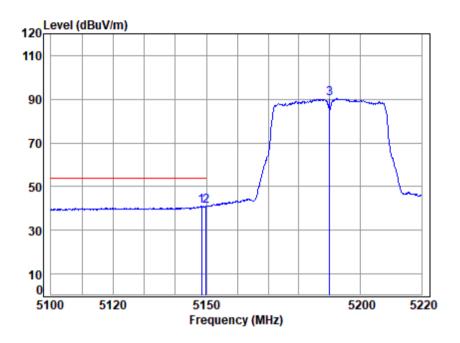


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 39 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5190 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor					Remark	
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
1	5148.38	7.36	34.00	34.99	34.58	40.95	54.00	-13.05	Average	
2 q	5149.98	7.36	34.00	34.99	34.80	41.17	54.00	-12.83	Average	
3	5190.00	7.40	34.00	34.99	83.78	90.19			Average	



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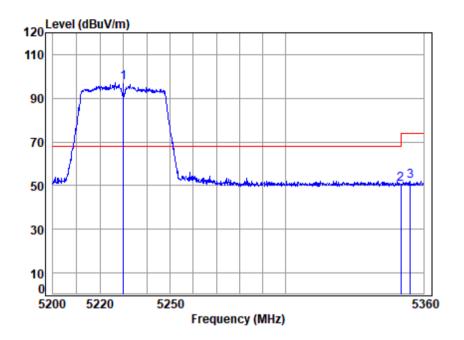


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 40 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5230 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor					
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5230.00	7.44	34.00	34.99	90.55	97.00	68.20	28.80	peak
2	5350.02	7.56	34.30	35.00	43.85	50.71	74.00	-23.29	peak
3	5354.16	7.57	34.32	35.00	45.14	52.03	74.00	-21.97	peak



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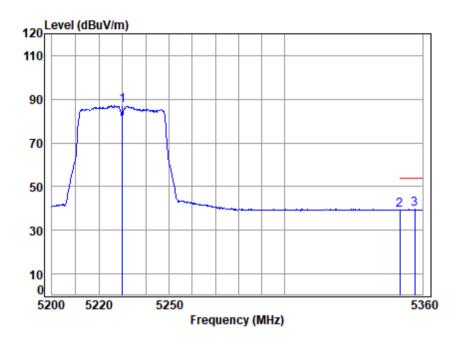


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 41 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5230 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor					Remark
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5230.00	7.44	34.00	34.99	80.71	87.16			Average
2	5350.02	7.56	34.30	35.00	32.35	39.21	54.00	-14.79	Average
3 q	5356.59	7.57	34.33	35.00	32.61	39.51	54.00	-14.49	Average



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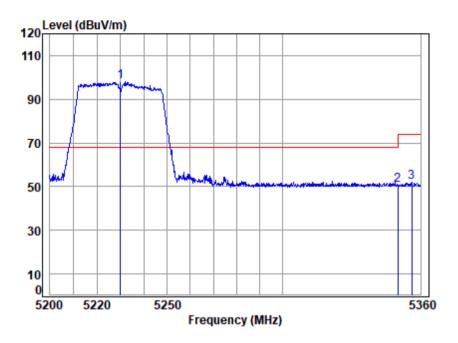


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 42 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5230 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5230.00	7.44	34.00	34.99	91.53	97.98	68.20	29.78	Peak
2	5350.02	7.56	34.30	35.00	43.92	50.78	74.00	-23.22	Peak
3	5356.27	7.57	34.33	35.00	44.94	51.84	74.00	-22.16	Peak



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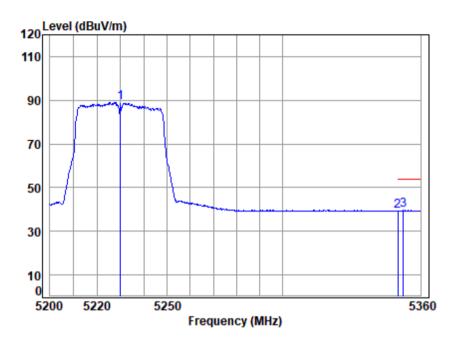


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 43 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5230 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor					
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5230.00	7.44	34.00	34.99	82.42	88.87			Average
2	5350.02	7.56	34.30	35.00	32.46	39.32	54.00	-14.68	Average
3 q	5352.37	7.56	34.31	35.00	32.98	39.85	54.00	-14.15	Average



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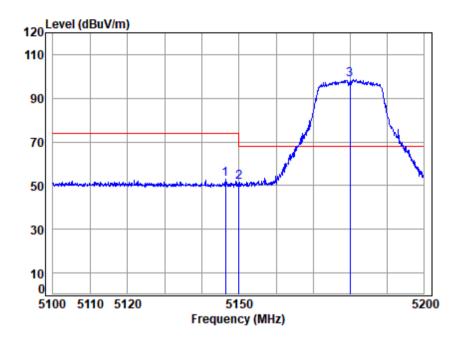


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 44 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5180 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.36	7.36	34.01	34.99	46.45	52.83	74.00	-21.17	peak
2	5149.98	7.36	34.00	34.99	44.97	51.34	74.00	-22.66	peak
3 a	5180.00	7.39	34.00	34.99	92.09	98.49	68.20	30.29	peak



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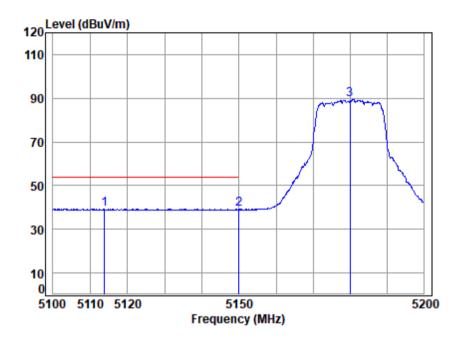


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 45 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5180 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5113.78	7.33	34.07	34.99	32.88	39.29	54.00	-14.71	Average
2	5149.98	7.36	34.00	34.99	32.77	39.14	54.00	-14.86	Average
3	5180.00	7.39	34.00	34.99	82.98	89.38			Average



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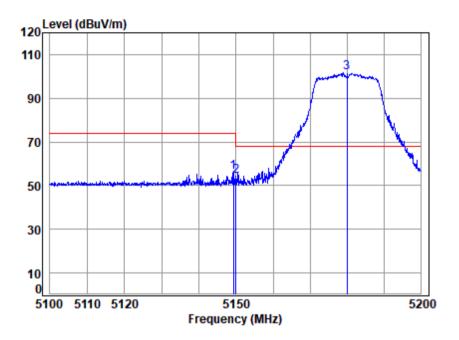


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 46 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5180 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.26	7.36	34.00	34.99	49.70	56.07	74.00	-17.93	Peak
2	5149.98	7.36	34.00	34.99	48.06	54.43	74.00	-19.57	Peak
3 q	5180.00	7.39	34.00	34.99	95.14	101.54	68.20	33.34	Peak



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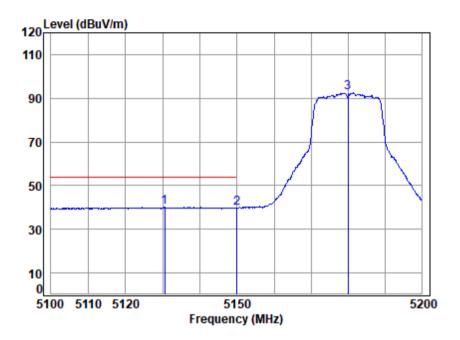


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 47 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5180 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5130.49	7.34	34.04	34.99	33.71	40.10	54.00	-13.90	Average
2	5149.98	7.36	34.00	34.99	33.33	39.70	54.00	-14.30	Average
3	5180.00	7.39	34.00	34.99	86.05	92.45			Average



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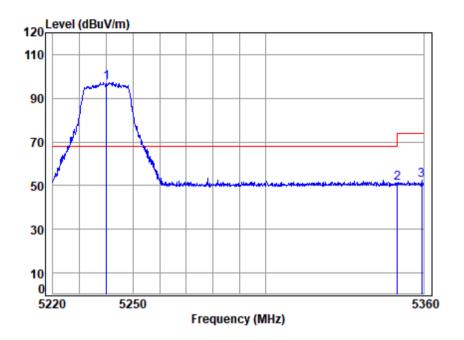


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 48 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5240 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5240.00	7.45	34.00	35.00	90.82	97.27	68.20	29.07	peak
2	5350.02	7.56	34.30	35.00	44.42	51.28	74.00	-22.72	peak
3	5359.29	7.57	34.34	35.00	45.38	52.29	74.00	-21.71	peak



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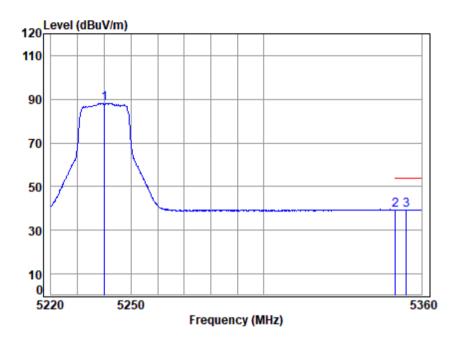


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 49 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5240 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					Remark	
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		_
1	5240.00	7.45	34.00	35.00	81.81	88.26			Average	
2	5350.02	7.56	34.30	35.00	32.40	39.26	54.00	-14.74	Average	
3 a	5354.19	7.57	34.32	35.00	32.56	39.45	54.00	-14.55	Average	



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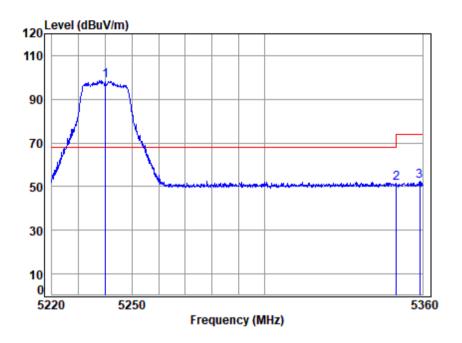


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 50 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL Job No : 01476AT

Mode : 5240 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5240.00 5350.02								
_	5358.87								



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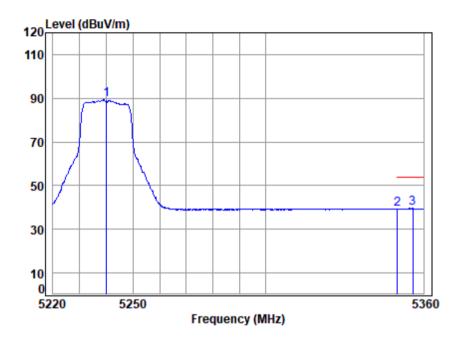


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 51 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL Job No : 01476AT

Mode : 5240 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.00	7.45	34.00	35.00	82.91	89.36			Average
2	5350.02	7.56	34.30	35.00	32.53	39.39	54.00	-14.61	Average
3 q	5355.89	7.57	34.32	35.00	32.63	39.52	54.00	-14.48	Average



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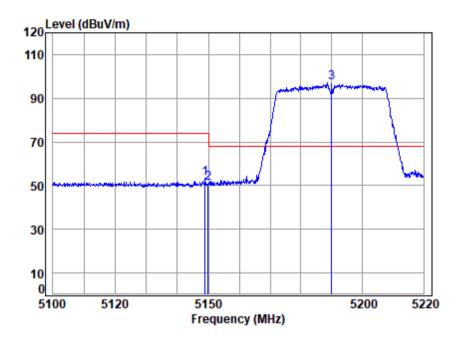


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 52 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5190 Band edge

: 5G WIFI 11AC40

	. 50	AATIT	TIACHU						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	d Bu V/m	dB	
1	5148.98	7.36	34.00	34.99	46.96	53.33	74.00	-20.67	peak
2	5149.98	7.36	34.00	34.99	44.72	51.09	74.00	-22.91	peak
3 0	5190 00	7 40	34 00	34 99	90 94	97 35	68 20	29 15	neak



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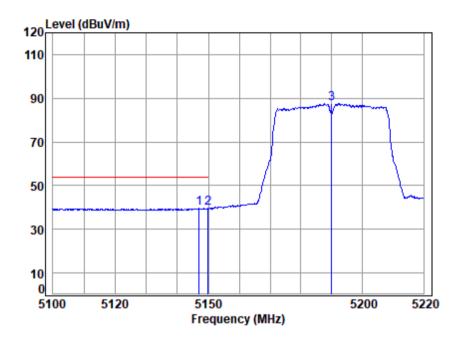


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 53 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5190 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor					Remark	
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
1 q	5146.95	7.36	34.01	34.99	33.19	39.57	54.00	-14.43	Average	
2	5149.98	7.36	34.00	34.99	33.19	39.56	54.00	-14.44	Average	
3	5190.00	7.40	34.00	34.99	81.24	87.65			Average	



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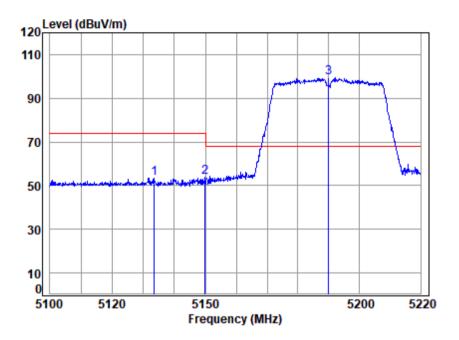


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 54 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT Mode : 5190 Band edge

· 5G WTFT 11ΔC40

	. 50	AATIT	TIACTO						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
	5133.56	7.35	34.03	34.99	47.01	53.40	74.00	-20.60	Peak
2	5149.98	7.36	34.00	34.99	47.45	53.82	74.00	-20.18	Peak
	5190 00	7 //	3/ 00	3/1 99	92 88	99 29	68 20	31 00	Poak



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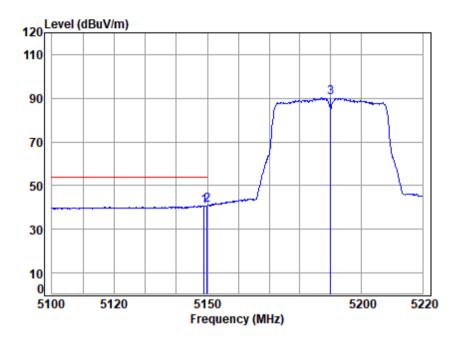


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 55 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5190 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor					Remark
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.98	7.36	34.00	34.99	34.45	40.82	54.00	-13.18	Average
2 q	5149.98	7.36	34.00	34.99	34.60	40.97	54.00	-13.03	Average
3	5190.00	7.40	34.00	34.99	83.73	90.14			Average



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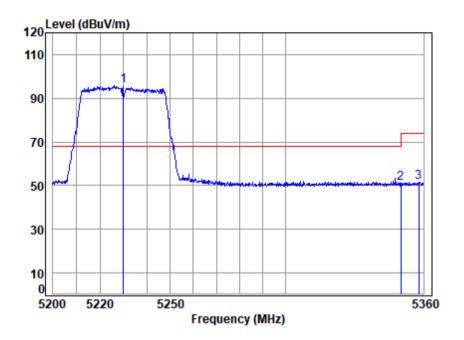


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 56 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5230 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
	5230.00								•
2	5350.02 5357.89								•



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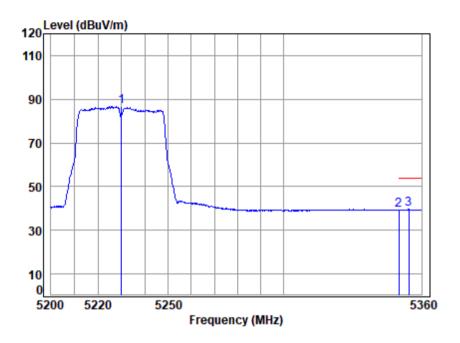


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 57 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5230 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5230.00	7.44	34.00	34.99	80.18	86.63			Average
2	5350.02	7.56	34.30	35.00	32.42	39.28	54.00	-14.72	Average
3 q	5354.32	7.57	34.32	35.00	32.63	39.52	54.00	-14.48	Average



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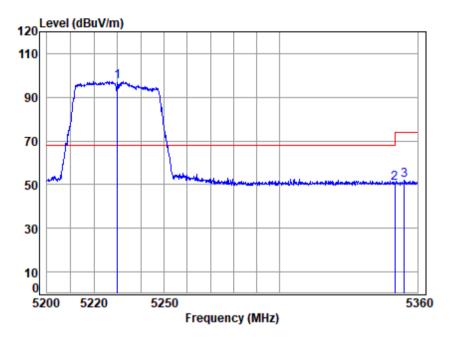


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 58 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT Mode : 5230 Band edge

e : 5230 Band edge : 5G WIFI 11AC40

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5230.00	7.44	34.00	34.99	90.92	97.37	68.20	29.17	Peak
2	5350.02	7.56	34.30	35.00	43.84	50.70	74.00	-23.30	Peak
3	5354.16	7.57	34.32	35.00	45.28	52.17	74.00	-21.83	Peak



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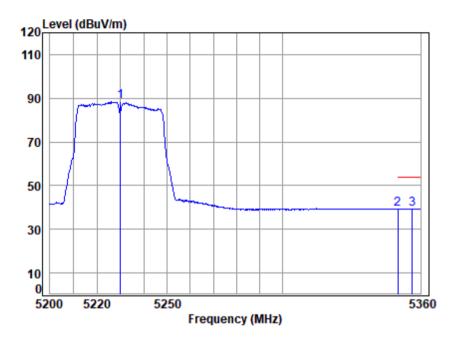


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 59 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5230 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5230.00	7.44	34.00	34.99	81.85	88.30			Average
2	5350.02	7.56	34.30	35.00	32.42	39.28	54.00	-14.72	Average
3 q	5356.43	7.57	34.33	35.00	32.54	39.44	54.00	-14.56	Average



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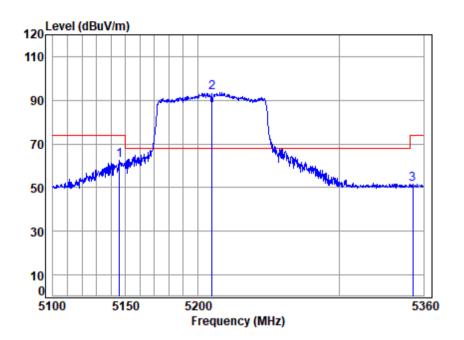


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 60 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5210 Band edge

: 5G WIFI 11AC80

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.85	7.36	34.01	34.99	56.25	62.63	74.00	-11.37	peak
2 q	5210.00	7.42	34.00	34.99	87.24	93.67	68.20	25.47	peak
3	5352.28	7.56	34.31	35.00	44.67	51.54	74.00	-22.46	peak



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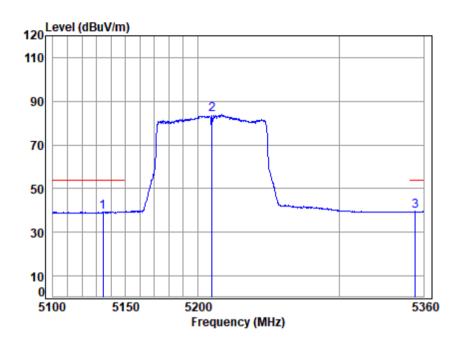


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 61 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5210 Band edge

: 5G WIFI 11AC80

	Freq			Preamp Factor					Remark	
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
1	5134.35	7.35	34.03	34.99	32.93	39.32	54.00	-14.68	Average	
2	5210.00	7.42	34.00	34.99	77.31	83.74			Average	
3 q	5354.14	7.57	34.32	35.00	32.66	39.55	54.00	-14.45	Average	



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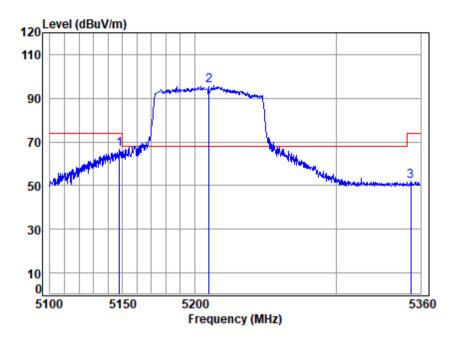


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 62 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

5352.81

7.57

34.31

35.00

Mode : 5210 Band edge : 5G WIFI 11AC80

> Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark Freq dBuV dBuV/m dBuV/m MHz dB dB/m dB 5147.64 7.36 34.00 74.00 -7.52 Peak 34.99 60.11 66.48 34.99 5210.00 7.42 34.00 89.33 95.76 68.20 27.56 Peak

> > 51.94

45.06



1

2 q

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74.00 -22.06 Peak

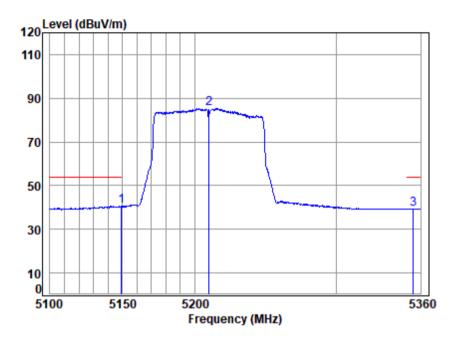


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 63 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Job No

Condition: 3m VERTICAL

Mode : 5210 Band edge

: 01476AT

: 5G WIFI 11AC80

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5149.18	7.36	34.00	34.99	34.18	40.55	54.00	-13.45	Average
2	5210.00	7.42	34.00	34.99	78.80	85.23			Average
3	5354.67	7.57	34.32	35.00	32.55	39.44	54.00	-14.56	Average



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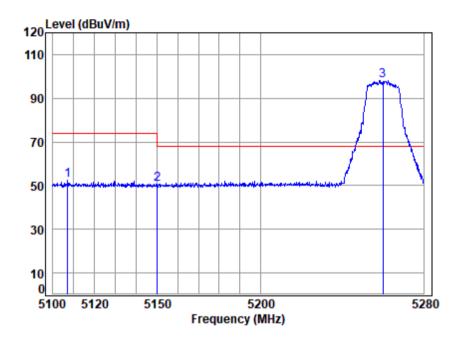


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 64 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5260 Band edge

: 5G WIFI 11A

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5107.08	7.32	34.09	34.99	45.94	52.36	74.00	-21.64	peak
2	5149.98	7.36	34.00	34.99	44.11	50.48	74.00	-23.52	peak
3 a	5260.00	7.47	34.04	35.00	91.80	98.31	68.20	30.11	peak



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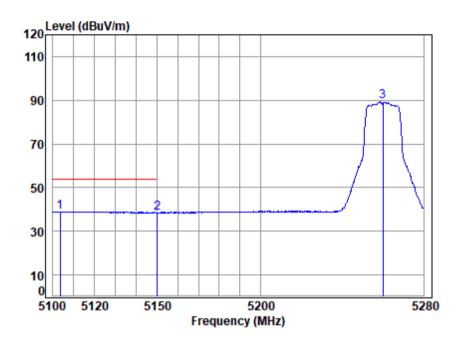


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 65 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5260 Band edge

: 5G WIFI 11A

	Freq			Preamp Factor					Remark	
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
1 q	5103.54	7.32	34.09	34.99	32.54	38.96	54.00	-15.04	Average	
2	5149.98	7.36	34.00	34.99	32.18	38.55	54.00	-15.45	Average	
3	5260.00	7.47	34.04	35.00	82.70	89.21			Average	



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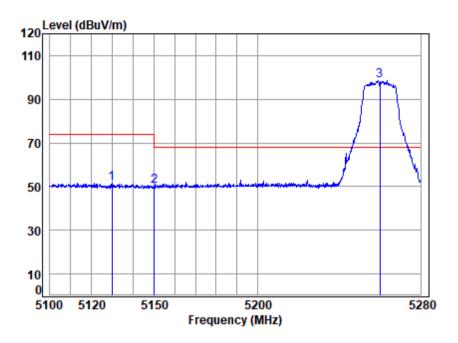


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 66 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5260 Band edge

: 5G WIFI 11A

	. 50	AATIT	114								
		Cable	Ant	Preamp	Read		Limit	0ver			
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark		
_											
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	5129.81	7.34	34.04	34.99	45.14	51.53	74.00	-22.47	Peak		
2	5149.98	7.36	34.00	34.99	43.99	50.36	74.00	-23.64	Peak		
3 0	5260 00	7 /17	3/1 0/1	35 00	92 10	98 61	68 20	30 /1	Poak		



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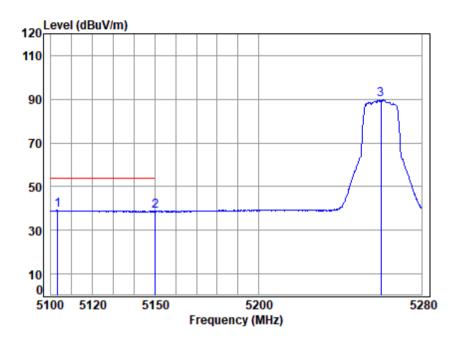


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 67 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 01476AT Job No

Mode : 5260 Band edge

: 5G WIFI 11A

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
2	5103.19 5149.98	7.36	34.00	34.99	32.47	38.84	54.00	-15.16	Average
3	5260.00	7.47	34.04	35.00	83.21	89.72			Average



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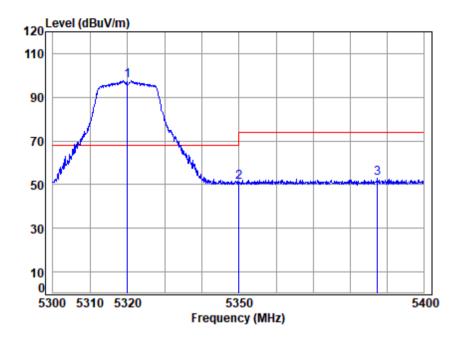


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 68 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5320 Band edge

: 5G WIFI 11A

		MATIT	IIM						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5320.00	7.53	34.24	35.00	90.70	97.47	68.20	29.27	peak
_	5350.02								•
3	5387 40	7 60	34 45	35 00	45 72	52 77	74 99	-21 23	neak



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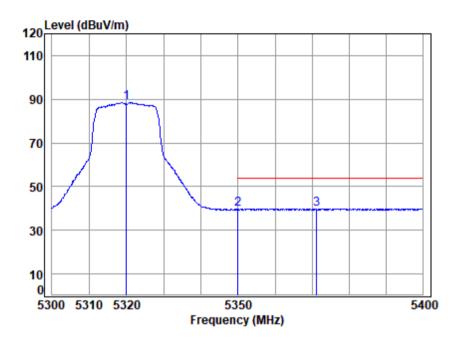


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 69 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5320 Band edge

: 5G WIFI 11A

	Freq			Preamp Factor					Remark	
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5320.00	7.53	34.24	35.00	81.92	88.69			Average	
2	5350.02	7.56	34.30	35.00	32.84	39.70	54.00	-14.30	Average	
3 a	5371.21	7.58	34.39	35.00	32.86	39.83	54.00	-14.17	Average	



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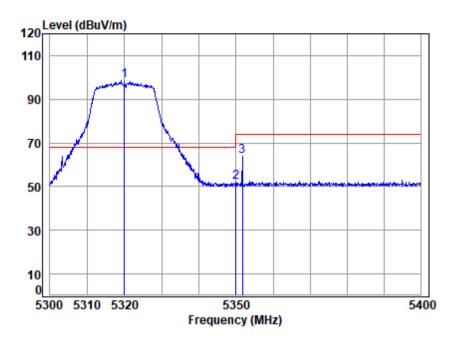


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 70 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5320 Band edge

: 5G WIFI 11A

		MATIT	TIM							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
_										
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 q	5320.00	7.53	34.24	35.00	91.70	98.47	68.20	30.27	Peak	
2	5350.02	7.56	34.30	35.00	45.23	52.09	74.00	-21.91	Peak	
3	5351 67	7 56	3/1 31	35 00	56 89	63 76	74 99	-10 24	Peak	



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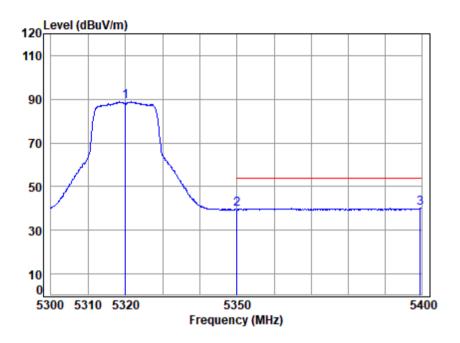


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 71 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5320 Band edge

: 5G WIFI 11A

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.00	7.53	34.24	35.00	81.99	88.76			Average
2	5350.02	7.56	34.30	35.00	32.75	39.61	54.00	-14.39	Average
3 q	5399.70	7.61	34.50	35.01	33.01	40.11	54.00	-13.89	Average



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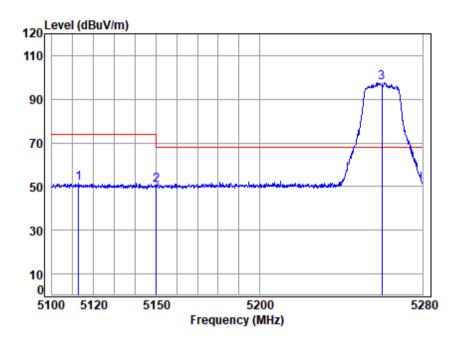


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 72 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5260 Band edge

: 5G WIFI 11N20

		MATIT	111120						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5112.75	7.33	34.07	34.99	45.05	51.46	74.00	-22.54	peak
2	5149.98	7.36	34.00	34.99	44.22	50.59	74.00	-23.41	peak
3 0	5260 00	7 47	34 94	35 00	91 10	97 61	68 20	29 41	neak



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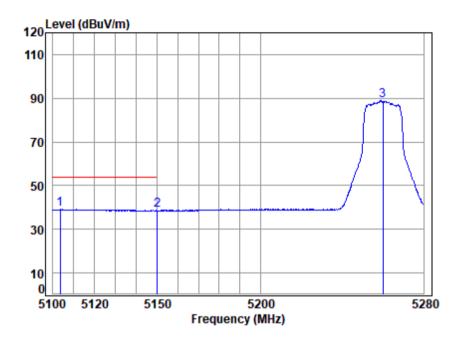


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 73 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5260 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					Remark	
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		_
	5103.54								_	
2	5149.98	7.36	34.00	34.99	32.22	38.59	54.00	-15.41	Average	
3	5260.00	7.47	34.04	35.00	82.48	88.99			Average	



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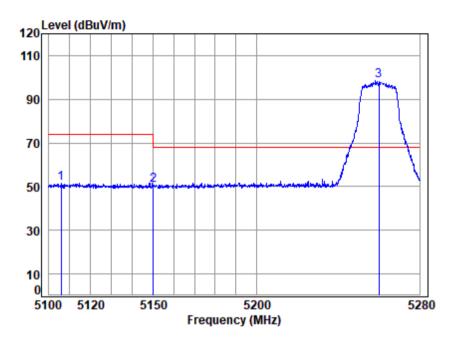


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 74 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5260 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5105.84	7.32	34.09	34.99	45.07	51.49	74.00	-22.51	Peak
2	5149.98	7.36	34.00	34.99	44.28	50.65	74.00	-23.35	Peak
3 q	5260.00	7.47	34.04	35.00	91.86	98.37	68.20	30.17	Peak



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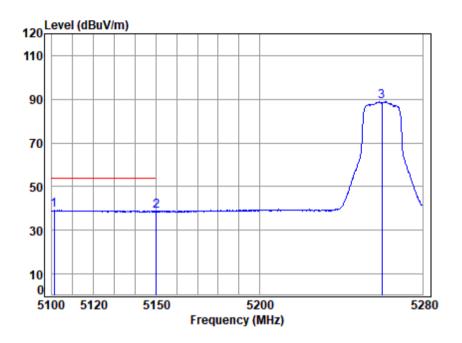


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 75 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 01476AT Job No

Mode : 5260 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor						
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
1 q	5101.06	7.31	34.10	34.99	32.72	39.14	54.00	-14.86	Average	
2	5149.98	7.36	34.00	34.99	32.24	38.61	54.00	-15.39	Average	
3	5260.00	7.47	34.04	35.00	82.31	88.82			Average	



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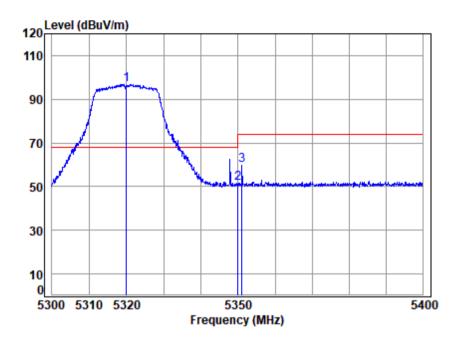


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 76 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5320 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5320.00	7.53	34.24	35.00	90.15	96.92	68.20	28.72	peak
2	5350.02	7.56	34.30	35.00	44.57	51.43	74.00	-22.57	peak
3	5351.07	7.56	34.30	35.00	52.89	59.75	74.00	-14.25	peak



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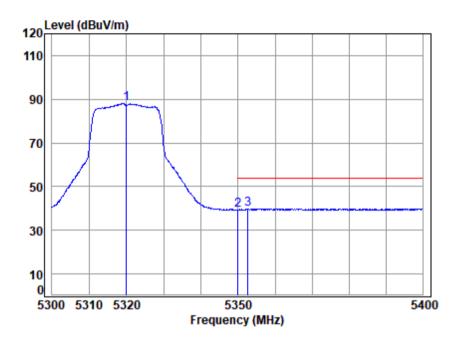


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 77 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5320 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.00	7.53	34.24	35.00	81.31	88.08			Average
2	5350.02	7.56	34.30	35.00	32.56	39.42	54.00	-14.58	Average
3 q	5352.67	7.57	34.31	35.00	32.97	39.85	54.00	-14.15	Average



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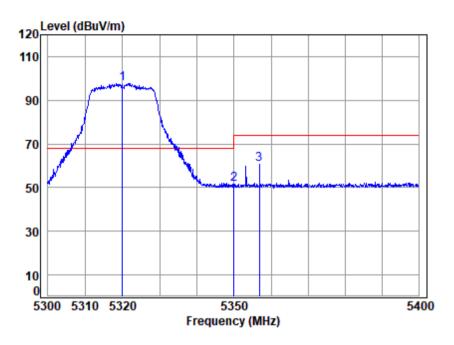


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 78 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5320 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5320.00	7.53	34.24	35.00	91.08	97.85	68.20	29.65	Peak
2	5350.02	7.56	34.30	35.00	44.74	51.60	74.00	-22.40	Peak
3	5356.87	7.57	34.33	35.00	53.58	60.48	74.00	-13.52	Peak



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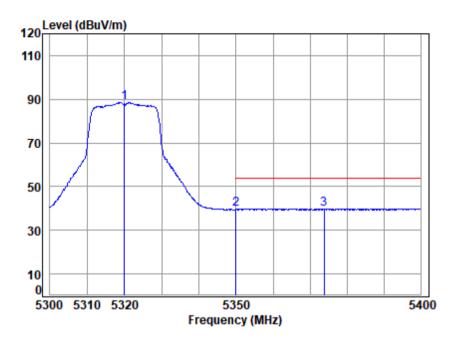


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Report No.: SZCR230500147605

Page: 79 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5320 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.00	7.53	34.24	35.00	81.95	88.72			Average
2	5350.02	7.56	34.30	35.00	32.82	39.68	54.00	-14.32	Average
3 q	5373.82	7.59	34.40	35.00	32.90	39.89	54.00	-14.11	Average



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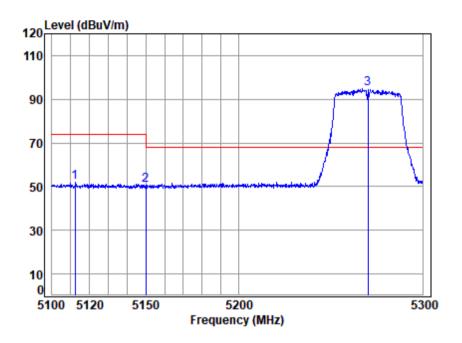


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 80 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5270 Band edge

: 5G WIFI 11N40

		AATIT	111140						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5112.37	7.33	34.08	34.99	45.45	51.87	74.00	-22.13	peak
2	5149.98	7.36	34.00	34.99	44.08	50.45	74.00	-23.55	peak
3 0	5270 00	7 48	34 08	35 00	88 13	94 69	68 20	26 49	neak



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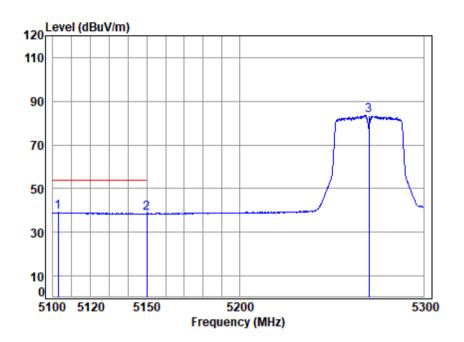


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 81 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5270 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor					Remark	
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
_	5102.75								_	
	5149.98 5270.00								_	



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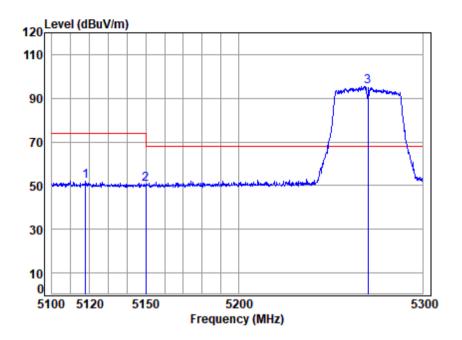


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 82 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5270 Band edge

: 5G WIFI 11N40

	. 50	MILI	TTIM40							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
_										
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5117.88	7.33	34.06	34.99	45.48	51.88	74.00	-22.12	Peak	
2	5149.98	7.36	34.00	34.99	44.18	50.55	74.00	-23.45	Peak	
3 a	5270 00	7 48	34 08	35 00	88 77	95 33	68 20	27 13	Peak	



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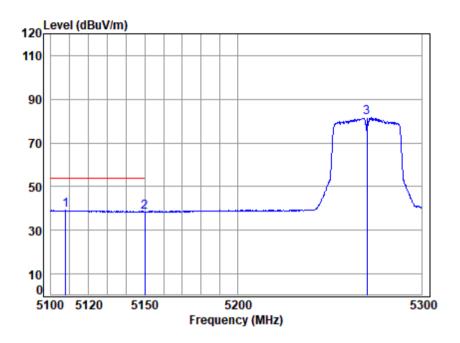


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 83 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 01476AT Job No

Mode : 5270 Band edge

. 5G WTFT 11N40

			Ant	Preamp Factor					Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	——dB		_
_	5107.85 5149.98								_	



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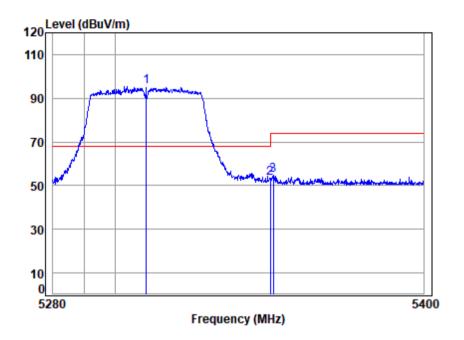


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 84 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5310 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5310.00	7.52	34.22	35.00	88.53	95.27	68.20	27.07	peak
2	5350.02	7.56	34.30	35.00	46.74	53.60	74.00	-20.40	peak
3	5351.08	7.56	34.30	35.00	48.12	54.98	74.00	-19.02	peak



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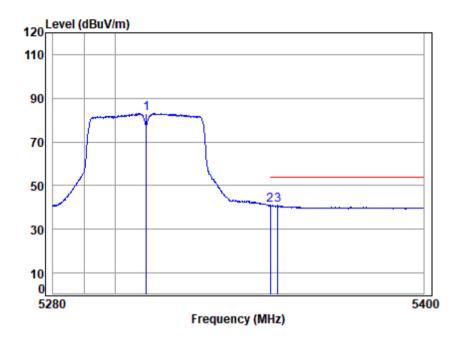


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 85 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5310 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.00	7.52	34.22	35.00	76.48	83.22			Average
2 q	5350.02	7.56	34.30	35.00	34.17	41.03	54.00	-12.97	Average
3	5352.52	7.56	34.31	35.00	33.99	40.86	54.00	-13.14	Average



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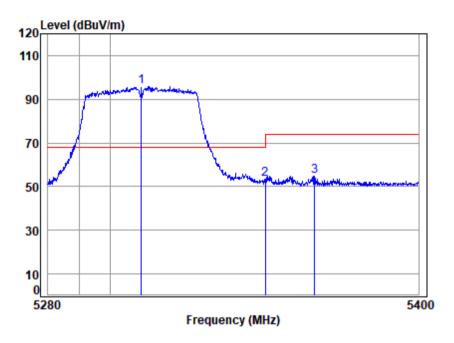


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 86 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5310 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5310.00	7.52	34.22	35.00	89.09	95.83	68.20	27.63	Peak
2	5350.02	7.56	34.30	35.00	46.35	53.21	74.00	-20.79	Peak
3	5366.13	7.58	34.36	35.00	47.93	54.87	74.00	-19.13	Peak



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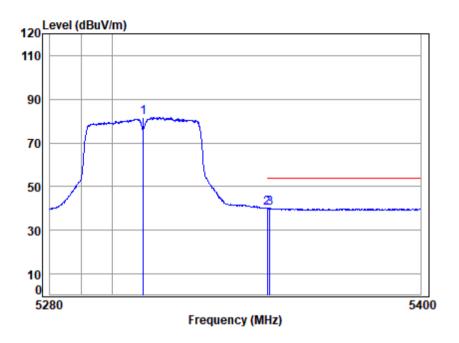


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 87 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5310 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor					Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
1	5310.00	7.52	34.22	35.00	74.84	81.58			Average	
2 q	5350.02	7.56	34.30	35.00	33.34	40.20	54.00	-13.80	Average	
3	5350.96	7.56	34.30	35.00	33.22	40.08	54.00	-13.92	Average	



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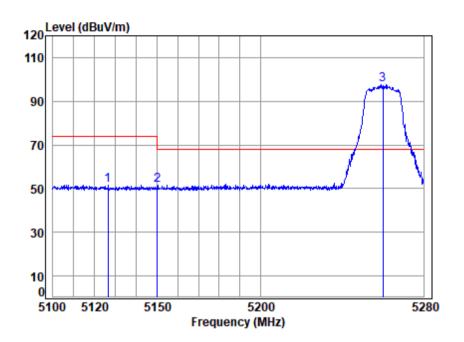


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 88 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5260 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					Remark	
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
	5126.43 5149.98								•	
а	5260.00								•	



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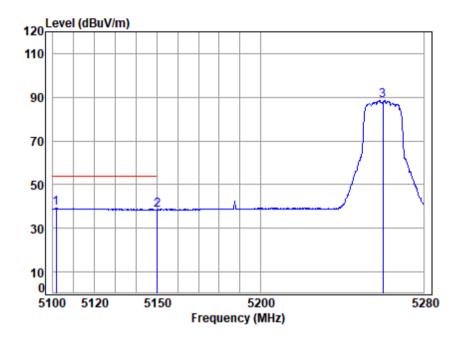


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 89 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5260 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5101.59	7.31	34.10	34.99	32.71	39.13	54.00	-14.87	Average
2	5149.98	7.36	34.00	34.99	32.14	38.51	54.00	-15.49	Average
3	5260.00	7.47	34.04	35.00	82.08	88.59			Average



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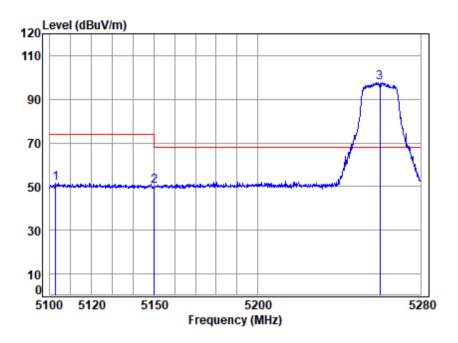


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 90 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 01476AT Job No

Mode : 5260 Band edge

· 5G WTFT 11ΔC20

		****	TIMOZO						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5102.83	7.32	34.09	34.99	45.01	51.43	74.00	-22.57	Peak
2	5149.98	7.36	34.00	34.99	43.99	50.36	74.00	-23.64	Peak
3 0	5260 00	7 /17	3/ 0/	35 00	01 36	97 97	68 20	20 67	Dook



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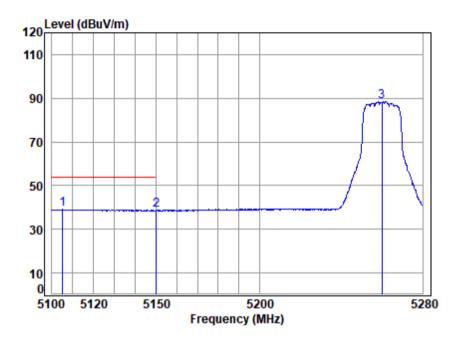


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 91 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 01476AT Job No

Mode : 5260 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5105.13	7.32	34.09	34.99	32.63	39.05	54.00	-14.95	Average
2	5149.98	7.36	34.00	34.99	32.26	38.63	54.00	-15.37	Average
3	5260.00	7.47	34.04	35.00	82.02	88.53			Average



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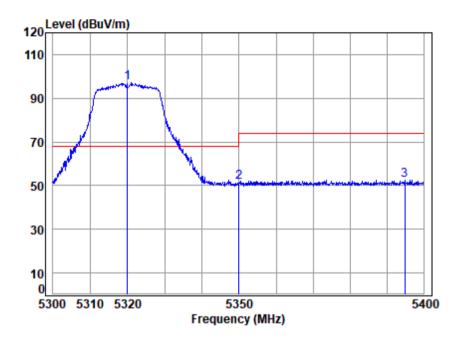


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 92 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5320 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5320.00	7.53	34.24	35.00	90.36	97.13	68.20	28.93	peak
2	5350.02	7.56	34.30	35.00	44.58	51.44	74.00	-22.56	peak
3	5394.96	7.61	34.48	35.01	45.59	52.67	74.00	-21.33	peak



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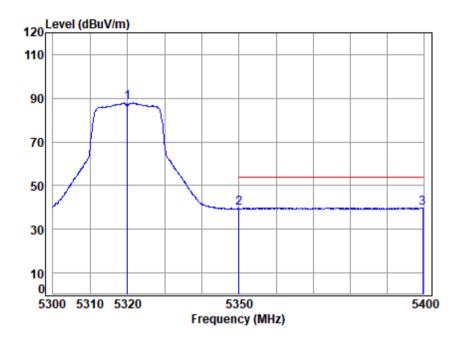


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 93 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5320 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.00	7.53	34.24	35.00	81.13	87.90			Average
2	5350.02	7.56	34.30	35.00	32.73	39.59	54.00	-14.41	Average
3 a	5399.80	7.61	34.50	35.01	32.76	39.86	54.00	-14.14	Average



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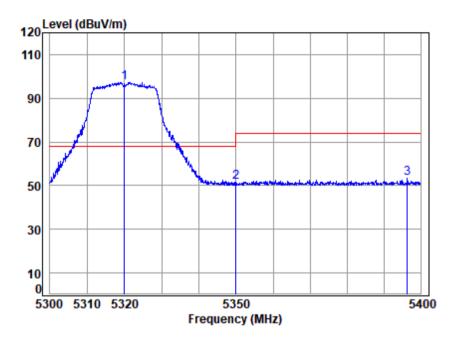


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 94 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

5396.37

Condition: 3m VERTICAL

Job No : 01476AT Mode

: 5320 Band edge : 5G WIFI 11AC20

7.61

34.49

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Freq Level Level dBuV dBuV/m dBuV/m MHz dB dB/m dB 7.53 34.24 35.00 90.52 97.29 68.20 29.09 Peak 1 q 5320.00 5350.02 7.56 34.30 35.00 44.77 51.63 74.00 -22.37 Peak

35.01 46.22 53.31



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74.00 -20.69 Peak

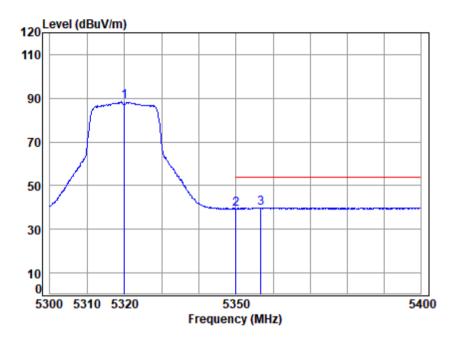


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 95 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT Mode : 5320 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.00	7.53	34.24	35.00	81.67	88.44			Average
2	5350.02	7.56	34.30	35.00	32.55	39.41	54.00	-14.59	Average
3 q	5356.67	7.57	34.33	35.00	32.96	39.86	54.00	-14.14	Average



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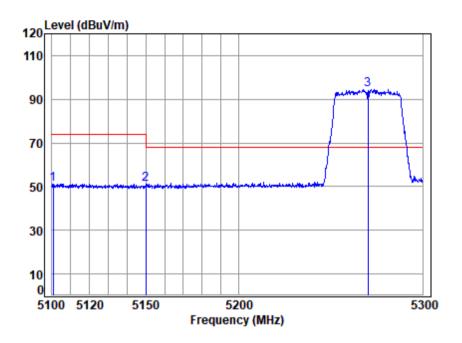


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 96 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5270 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5100.79	7.31	34.10	34.99	44.90	51.32	74.00	-22.68	peak
2	5149.98	7.36	34.00	34.99	44.61	50.98	74.00	-23.02	peak
3 q	5270.00	7.48	34.08	35.00	87.98	94.54	68.20	26.34	peak



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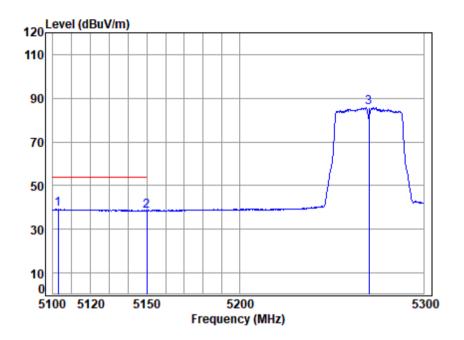


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 97 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5270 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5102.75	7.32	34.09	34.99	32.71	39.13	54.00	-14.87	Average
2	5149.98	7.36	34.00	34.99	32.18	38.55	54.00	-15.45	Average
3	5270.00	7.48	34.08	35.00	79.09	85.65			Average



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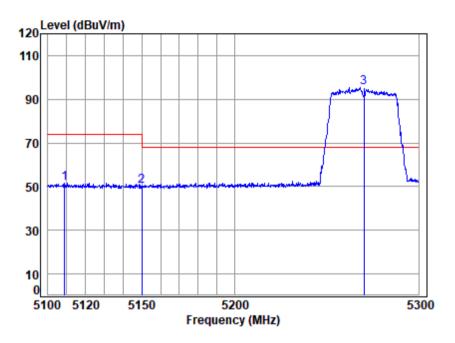


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 98 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5270 Band edge

: 5G WIFI 11AC40

	. 50	MATIT	TIACTO						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
L	5108.84	7.32	34.08	34.99	45.19	51.60	74.00	-22.40	Peak
2	5149.98	7.36	34.00	34.99	43.64	50.01	74.00	-23.99	Peak
Q	a 5270 00	7 /18	3/1 08	35 00	22 70	95 35	68 20	27 15	Dook



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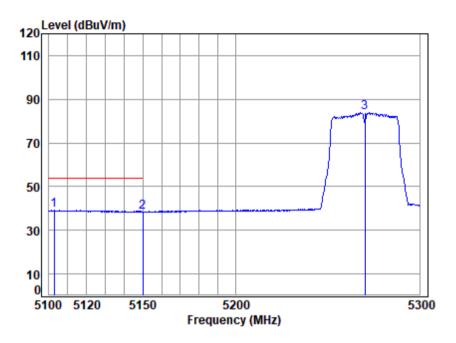


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 99 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 01476AT Job No

Mode : 5270 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor						
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		_
q	5102.75	7.32	34.09	34.99	32.69	39.11	54.00	-14.89	Average	
2	5149.98	7.36	34.00	34.99	32.10	38.47	54.00	-15.53	Average	
}	5270.00	7.48	34.08	35.00	77.34	83.90			Average	



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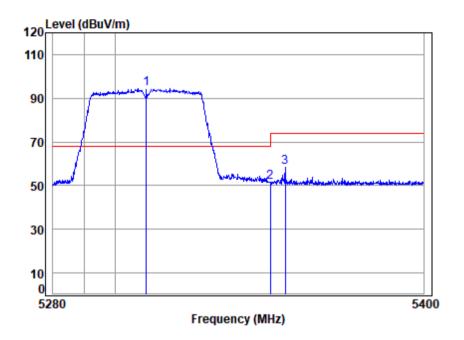


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 100 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5310 Band edge

: 5G WIFI 11AC40

Freq			Preamp Factor					Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
5310.00								
5350.02 5354.92								•



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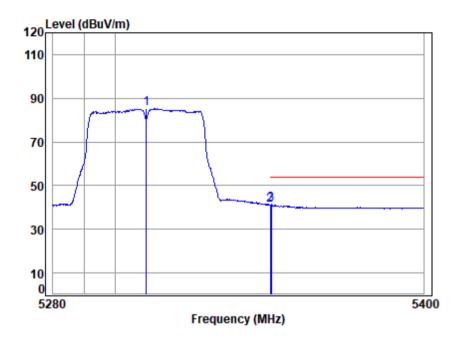


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 101 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5310 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.00	7.52	34.22	35.00	78.46	85.20			Average
2	5350.02	7.56	34.30	35.00	34.38	41.24	54.00	-12.76	Average
3 q	5350.47	7.56	34.30	35.00	34.60	41.46	54.00	-12.54	Average



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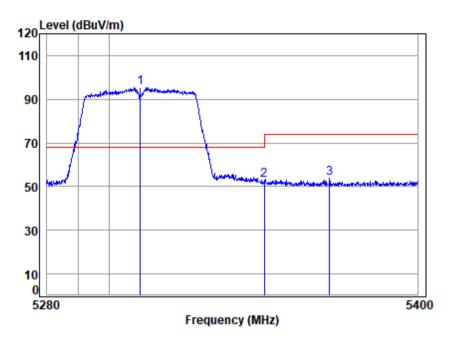


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 102 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Job No

Condition: 3m VERTICAL

Mode : 5310 Band edge

: 01476AT

: 5G WIFI 11AC40

		Cable		Preamp						
_	Freq	Loss	Factor	Factor		Level	Line	Limit	Kemark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 q	5310.00	7.52	34.22	35.00	88.63	95.37	68.20	27.17	Peak	
2	5350.02	7.56	34.30	35.00	46.12	52.98	74.00	-21.02	Peak	
3	5371.32	7.58	34.39	35.00	46.98	53.95	74.00	-20.05	Peak	



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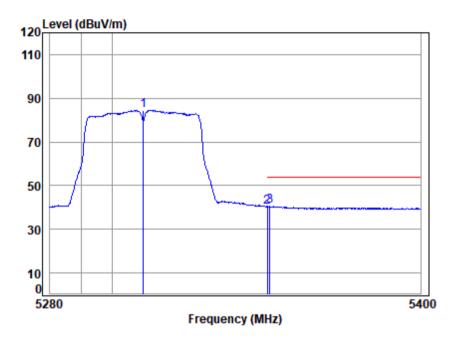


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 103 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Job No

Condition: 3m VERTICAL

: 01476AT Mode : 5310 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.00	7.53	34.22	35.00	77.86	84.61			Peak
2	5350.00	7.56	34.30	35.00	33.41	40.27	54.00	-13.73	Peak
3 q	5350.96	7.56	34.30	35.00	33.62	40.48	54.00	-13.52	Peak



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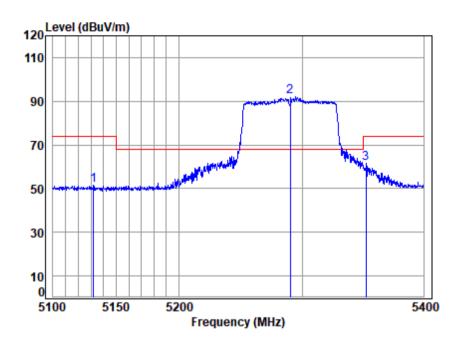


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 104 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5290 Band edge

: 5G WIFI 11AC80

	Freq			Preamp Factor					Remark
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5132.17	7.35	34.04	34.99	45.04	51.44	74.00	-22.56	peak
2 q	5290.00	7.50	34.16	35.00	85.49	92.15	68.20	23.95	peak
3	5352.37	7.56	34.31	35.00	54.57	61.44	74.00	-12.56	peak



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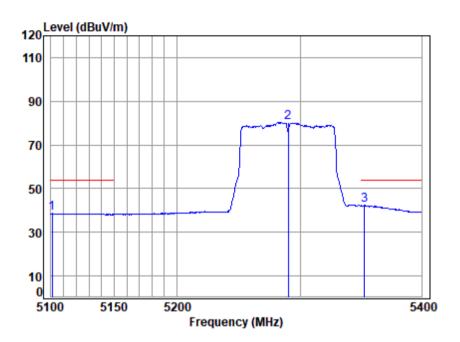


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 105 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5290 Band edge

: 5G WIFI 11AC80

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5100.88	7.31	34.10	34.99	32.21	38.63	54.00	-15.37	Average
2	5290.00	7.50	34.16	35.00	73.70	80.36			Average
3 q	5352.68	7.57	34.31	35.00	35.41	42.29	54.00	-11.71	Average



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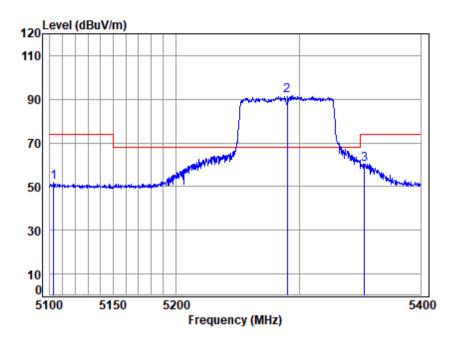


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 106 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5290 Band edge

: 5G WIFI 11AC80

	. 50		Ant	Preamp	Read		Limit	0ver	
	Freq			Factor					Remark
-	MHz	dB	dB/m	——dB	dBuV	dBuV/m	dBuV/m	dB	
			-						
1	5102.92	7.32	34.09	34.99	45.69	52.11	/4.00	-21.89	Peak
2 q	5290.00	7.50	34.16	35.00	85.23	91.89	68.20	23.69	Peak
3	5353 59	7 57	3/1 31	35 00	53 50	60 38	74 00	-13 62	Peak



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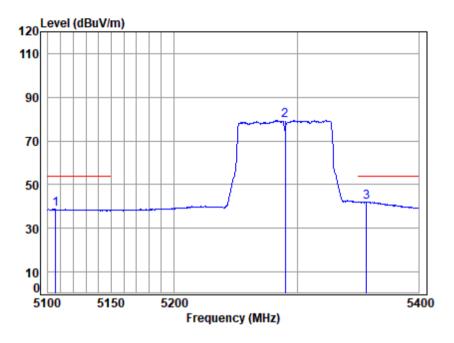


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 107 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5290 Band edge

: 5G WIFI 11AC80

		Cable		Preamp Factor					Remark	
_	MHz	dB	dB/m	——dB	dBuV	dBuV/m	dBuV/m	——dB		-
1 2	5106.13								_	
	5290.00								_	



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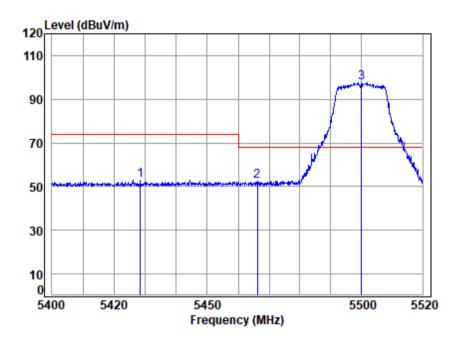


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 108 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5500 Band edge

: 5G WIFI 11A

	Freq			Preamp Factor					
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5428.32	7.64	34.56	35.01	45.83	53.02	74.00	-20.98	peak
2	5466.15	7.67	34.60	35.01	45.26	52.52	68.20	-15.68	peak
3 q	5500.00	7.71	34.60	35.01	90.25	97.55	68.20	29.35	peak



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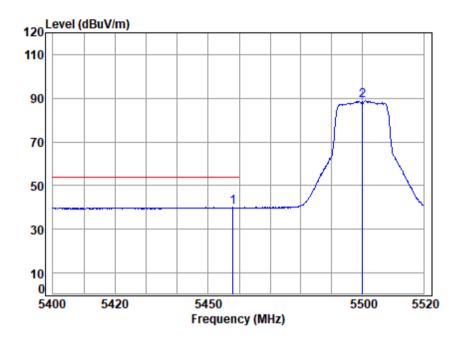


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 109 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5500 Band edge

: 5G WIFI 11A

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
	5457.99								_
2	5500.00	7.71	34.60	35.01	81.65	88.95			Average



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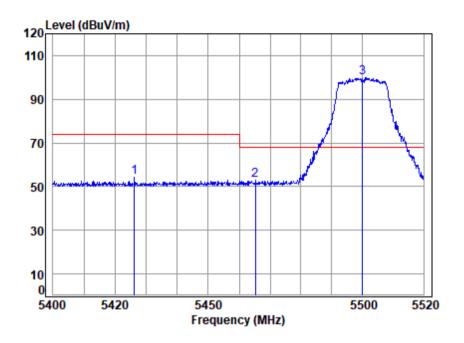


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 110 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5500 Band edge

: 5G WIFI 11A

	. 50	MATIT	IIM							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	•									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		_
			•			•	•			
	5426.17	7.64	34.55	35.01	47.08	54.26	74.00	-19.74	Peak	
	5465.31									
									•	
- 0	5500 00	7 71	34 60	35 01	92 74	100 04	68 20	31 84	Peak	



1 2

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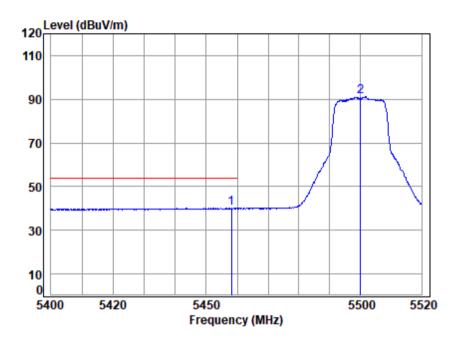


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 111 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5500 Band edge

· 5G WIFT 11A

	. 50	MILI	IIA							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
							•			
a	5458.11	7.67	34.60	35.01	32.87	40.13	54.00	-13.87	Average	
•										
q	5458.11 5500.00									



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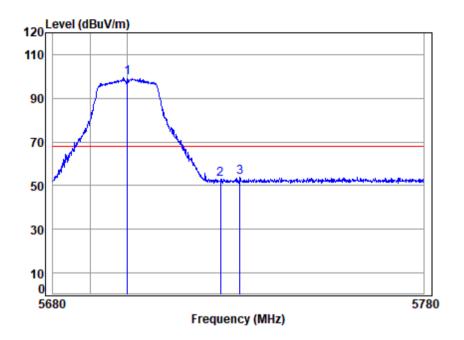


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 112 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5700 Band edge

: 5G WIFI 11A

	. 50	AATIT	114							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
_										
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 q	5700.00	7.89	34.50	35.02	92.05	99.42	68.20	31.22	peak	
2	5725.00	7.92	34.50	35.02	45.38	52.78	68.20	-15.42	peak	
3	5730 28	7 92	3/1 50	35 02	46 61	5/ 01	68 20	_1/ 10	noak	



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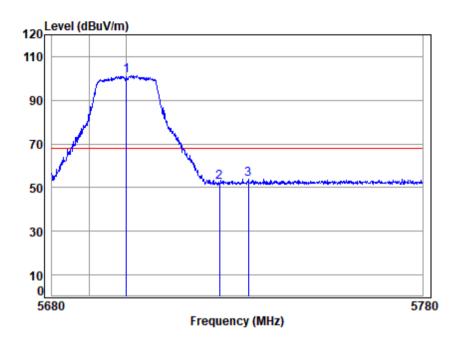


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 113 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL Job No : 01476AT

Mode : 5700 Band edge

ode : 5700 Band edg : 5G WIFI 11A

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5700.00	7.89	34.50	35.02	94.14	101.51	68.20	33.31	Peak
2	5725.00	7.92	34.50	35.02	45.25	52.65	68.20	-15.55	Peak
3	5732.78	7.92	34.50	35.03	46.52	53.91	68.20	-14.29	Peak



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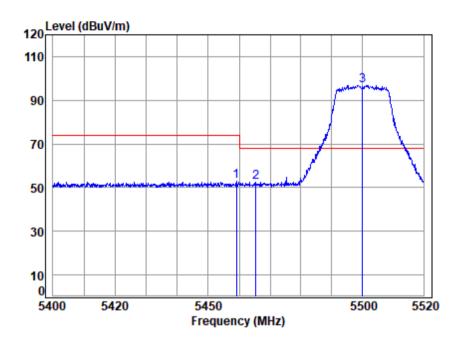


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 114 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5500 Band edge

: 5G WIFI 11N20

		MATIT	111120						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.07	7.67	34.60	35.01	45.60	52.86	74.00	-21.14	peak
2	5465.43	7.67	34.60	35.01	45.30	52.56	68.20	-15.64	peak
3 0	5500 00	7 71	34 60	35 01	89 56	96 86	68 20	28 66	neak



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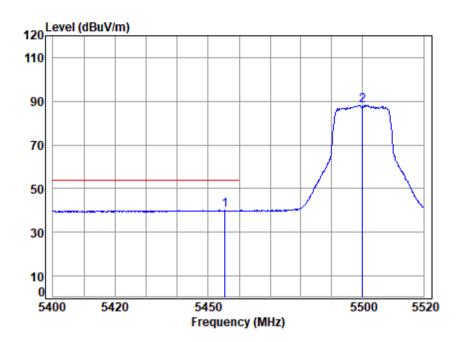


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 115 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5500 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor						
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		_
1 q	5455.35	7.66	34.60	35.01	32.81	40.06	54.00	-13.94	Average	
2	5500.00	7.71	34.60	35.01	80.93	88.23			Average	



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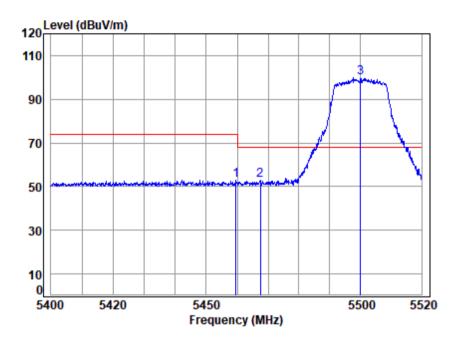


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 116 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5500 Band edge

: 5G WIFI 11N20

	. 50	MILI	111120						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.67	7.67	34.60	35.01	45.82	53.08	74.00	-20.92	Peak
2	5467.48	7.68	34.60	35.01	45.85	53.12	68.20	-15.08	peak
3 a	5500 00	7 71	34 60	35 01	92 41	99 71	68 20	31 51	Peak



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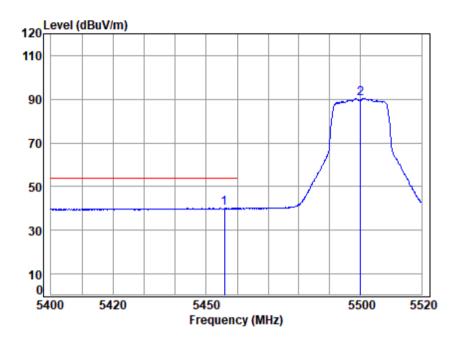


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 117 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 01476AT Job No

Mode : 5500 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					Remark	
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		_
1 q	5455.95									
2	5500.00	7.71	34.60	35.01	83.01	90.31			Average	



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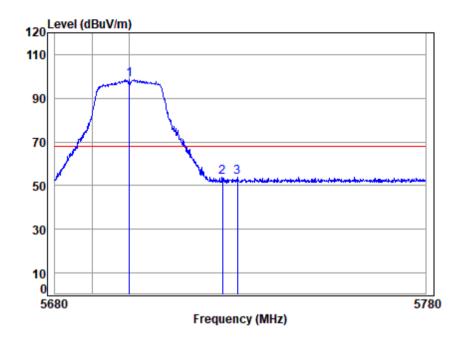


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 118 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5700 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5700.00	7.89	34.50	35.02	91.29	98.66	68.20	30.46	peak
2	5725.00	7.92	34.50	35.02	46.45	53.85	68.20	-14.35	peak
3	5728.98	7.92	34.50	35.02	46.62	54.02	68.20	-14.18	peak



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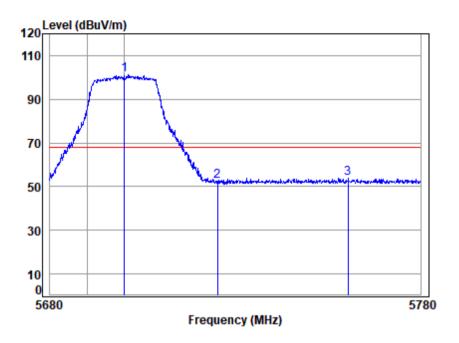


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 119 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5700 Band edge

: 5G WIFI 11N20

	. 50	MATIT	111120							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 q	5700.00	7.89	34.50	35.02	93.91	101.28	68.20	33.08	Peak	
	5725.00									
	5760 36									



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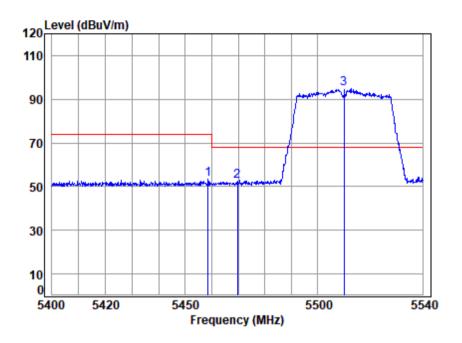


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 120 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5510 Band edge

: 5G WIFI 11N40

	. 50	AATIT	111140							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
_										_
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5458.64	7.67	34.60	35.01	45.94	53.20	74.00	-20.80	peak	
2	5469.69	7.68	34.60	35.01	45.33	52.60	68.20	-15.60	peak	
3 0	5510 00	7 72	3/1 60	35 01	27 5/	9/1 85	68 20	26 65	neak	



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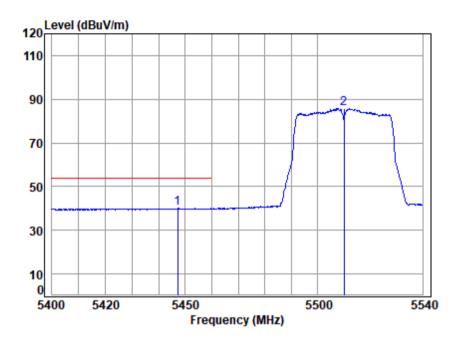


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 121 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5510 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor						
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
1 q	5447.20	7.66	34.59	35.01	32.79	40.03	54.00	-13.97	Average	
2	5510.00	7.72	34.60	35.01	78.42	85.73			Average	



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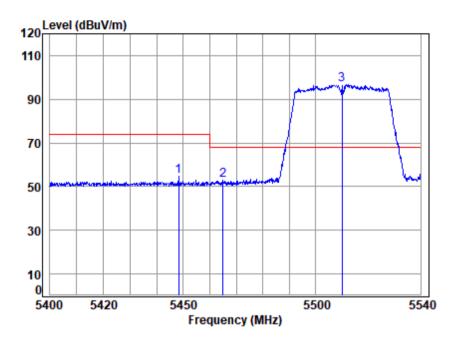


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 122 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5510 Band edge

· 5G WTET 11N40

		AATIT	111140							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
_										_
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5448.17	7.66	34.60	35.01	47.55	54.80	74.00	-19.20	Peak	
2	5464.93	7.67	34.60	35.01	45.51	52.77	68.20	-15.43	peak	
3 0	5510 00	7 72	34 60	35 01	89 44	96 75	68 20	28 55	Peak	



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op, M-10, Middel Section, Science & Technology Park, Narshan District, Sherzhen, Guangdong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057

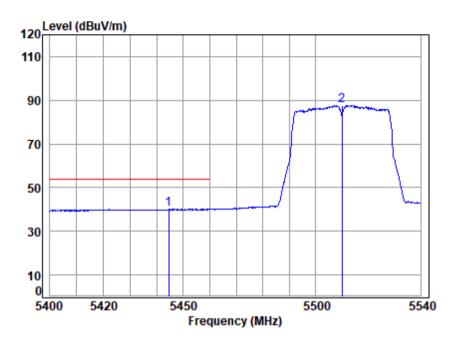


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 123 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5510 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor						
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		_
q	5444.55								_	
2	5510.00	7.72	34.60	35.01	80.37	87.68			Average	



1 2

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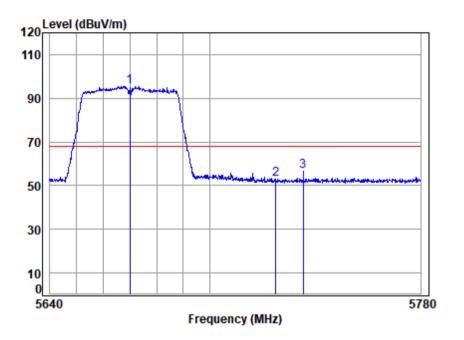


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 124 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5670 Band edge

: 5G WIFI 11N40

		****	111110						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5670.00	7.87	34.50	35.02	88.04	95.39	68.20	27.19	peak
2	5725.00	7.92	34.50	35.02	45.56	52.96	68.20	-15.24	peak
3	5735 30	7 92	3/1 50	35 03	49 22	56 61	68 20	_11 50	noak



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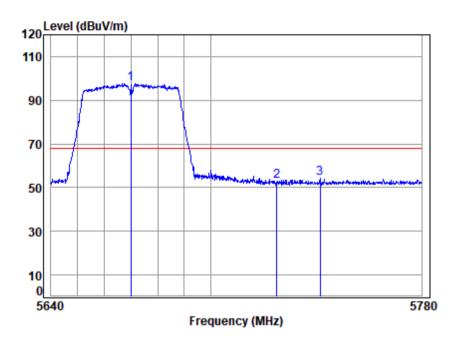


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 125 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5670 Band edge

: 5G WIFI 11N40

			Ant	Preamp Factor					Remark	
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	——dB		_
	5670.00 5725.00									
	57/11 30									



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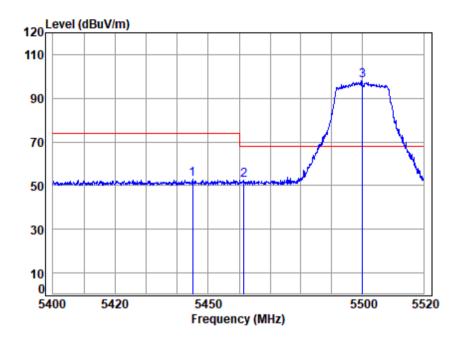


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 126 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5500 Band edge

· 56 WIFT 11AC20

	. 50	MILIT	TIACZO						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5444.93	7.65	34.59	35.01	45.55	52.78	74.00	-21.22	peak
2	5461.59	7.67	34.60	35.01	45.18	52.44	68.20	-15.76	peak
3 0	5500 00	7 71	34 60	35 01	90 62	97 92	68 20	29 72	neak



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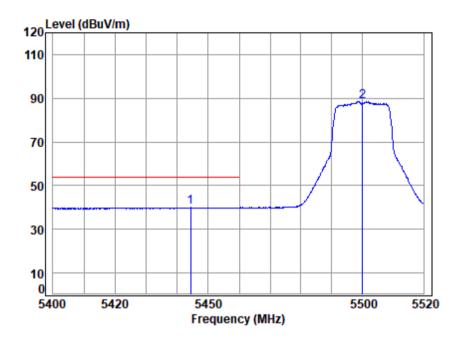


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 127 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5500 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor						
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		_
q	5444.33								_	
	5500.00	7.71	34.60	35.01	81.18	88.48			Average	



1 2

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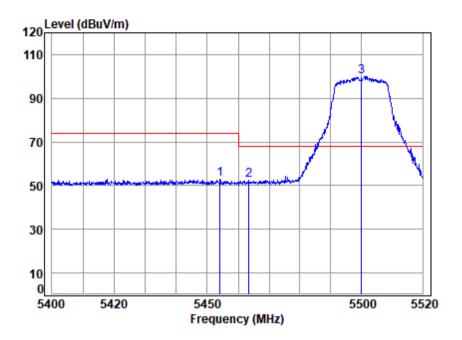


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 128 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5500 Band edge

: 5G WIFI 11AC20

	_			Preamp					
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
-									
	MHZ	dВ	dB/m	dB	dBuV	dBuV/m	dBuV/m	dВ	
	5454.15	7.66	34.60	35.01	45.49	52.74	74.00	-21.26	Peak
2	5463.51	7.67	34.60	35.01	45.21	52.47	68.20	-15.73	peak
q	5500.00	7.71	34.60	35.01	92.82	100.12	68.20	31.92	Peak



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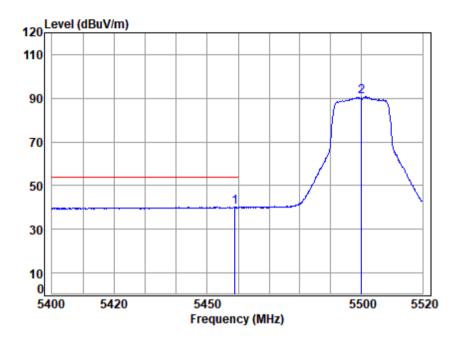


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 129 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

5500.00

Mode : 5500 Band edge

: 5G WIFI 11AC20

Cable Ant Preamp Read Limit Over
Freq Loss Factor Factor Level Level Line Limit Remark

MHz dB dB/m dB dBuV dBuV/m dBuV/m dBuV/m dB

5458.95 7.67 34.60 35.01 32.84 40.10 54.00 -13.90 Average

7.71 34.60 35.01 83.51 90.81 ----- Average



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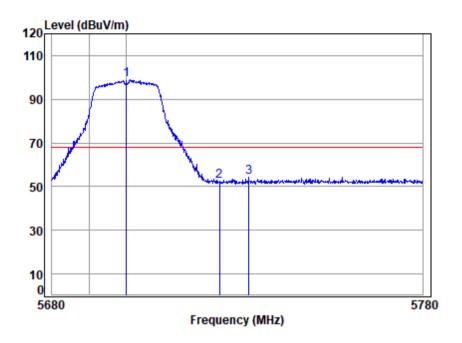


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 130 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5700 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5700.00	7.89	34.50	35.02	91.82	99.19	68.20	30.99	peak
2	5725.00	7.92	34.50	35.02	44.93	52.33	68.20	-15.87	peak
3	5732.88	7.92	34.50	35.03	46.75	54.14	68.20	-14.06	peak



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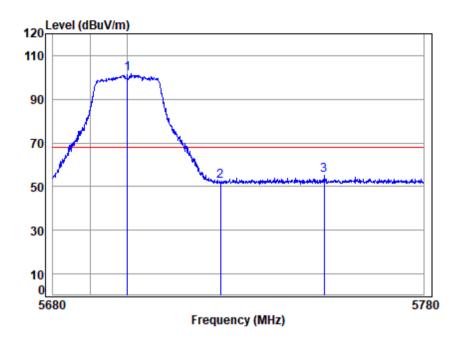


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 131 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL Job No : 01476AT

Mode : 5700 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5700.00 5725.00								
_	5753.03								



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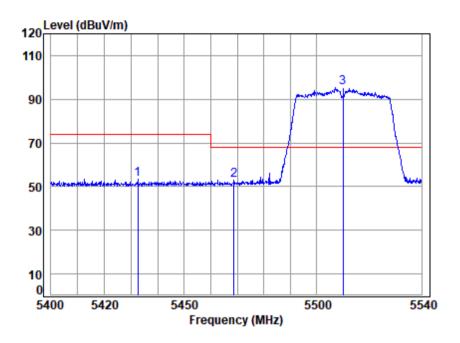


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 132 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5510 Band edge

: 5G WIFI 11AC40

		AATIT	TIACHU						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5432.58	7.64	34.57	35.01	46.03	53.23	74.00	-20.77	peak
2	5468.71	7.68	34.60	35.01	45.47	52.74	68.20	-15.46	peak
3 0	5510 00	7 72	34 60	35 01	87 89	95 20	68 20	27 00	neak



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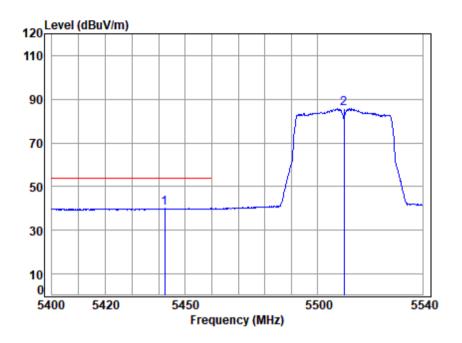


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 133 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5510 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor					Remark	
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		_
1 q	5442.32	7.65	34.58	35.01	32.73	39.95	54.00	-14.05	Average	
2	5510.00	7.72	34.60	35.01	78.30	85.61			Average	



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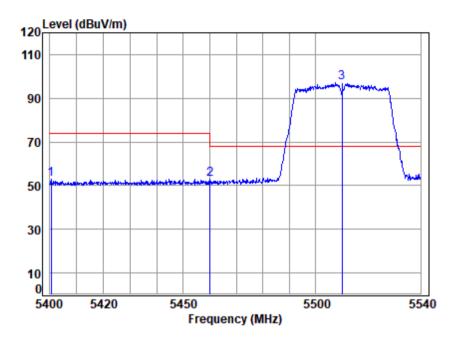


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 134 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



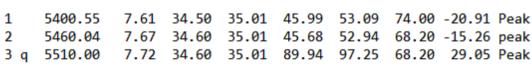
Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5510 Band edge : 5G WIFI 11AC40

> Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark Freq dBuV dBuV/m dBuV/m MHz dB dB/m dB 7.61 34.50 35.01 45.99 53.09 74.00 -20.91 Peak





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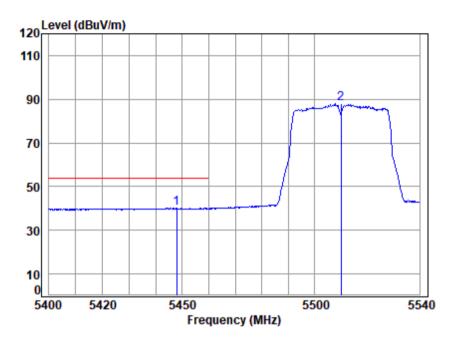


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 135 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

5510.00

Mode : 5510 Band edge

: 5G WIFI 11AC40

Cable Ant Preamp Read Limit Over
Freq Loss Factor Factor Level Level Line Limit Remark

MHz dB dB/m dB dBuV dBuV/m dBuV/m dBuV/m dB

1 q 5447.90 7.66 34.60 35.01 32.86 40.11 54.00 -13.89 Average

7.72 34.60 35.01 80.64 87.95 ----- Average



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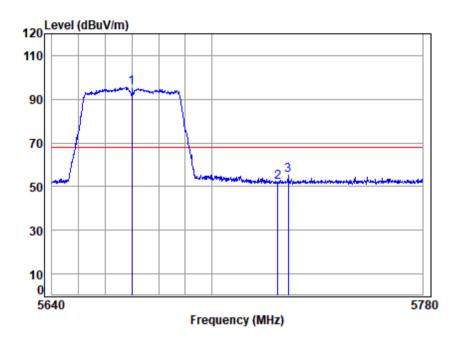


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 136 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5670 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5670.00	7.87	34.50	35.02	88.01	95.36	68.20	27.16	peak
2	5725.00	7.92	34.50	35.02	44.79	52.19	68.20	-16.01	peak
3	5728.92	7.92	34.50	35.02	47.58	54.98	68.20	-13.22	peak



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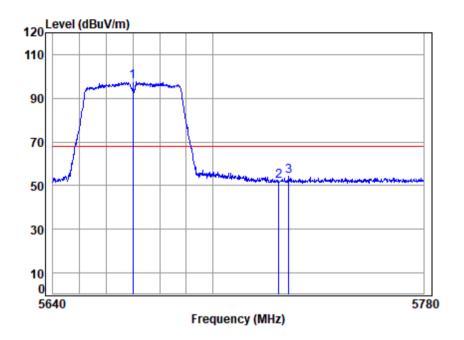


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 137 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Job No

Condition: 3m VERTICAL

Mode : 5670 Band edge

: 01476AT

: 5G WIFI 11AC40

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5670.00	7.87	34.50	35.02	90.21	97.56	68.20	29.36	Peak
2	5725.00	7.92	34.50	35.02	44.57	51.97	68.20	-16.23	Peak
3	5728.64	7.92	34.50	35.02	46.75	54.15	68.20	-14.05	Peak



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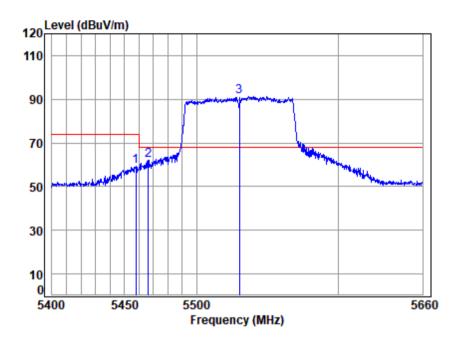


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 138 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5530 Band edge

: 5G WIFI 11AC80

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5457.70	7.67	34.60	35.01	51.84	59.10	74.00	-14.90	peak
2	5466.43	7.67	34.60	35.01	54.84	62.10	68.20	-6.10	peak
3 q	5530.00	7.73	34.60	35.01	83.98	91.30	68.20	23.10	peak



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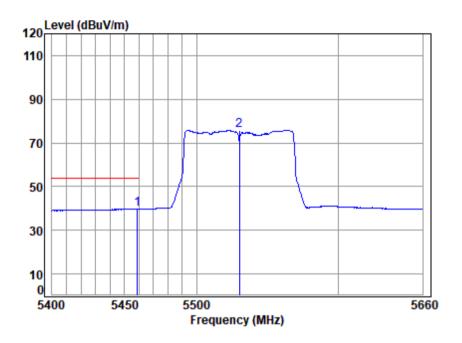


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 139 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

5530.00

Mode : 5530 Band edge

: 5G WIFI 11AC80

7.73 34.60 35.01 68.58 75.90 ----- Average



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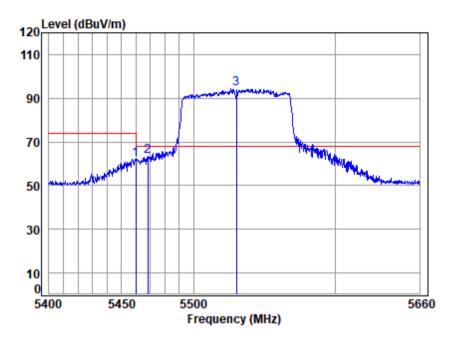


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 140 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL Job No : 01476AT

Mode : 5530 Band edge

: 5G WIFI 11AC80

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.75	7.67	34.60	35.01	54.91	62.17	74.00	-11.83	Peak
2	5468.23	7.68	34.60	35.01	56.31	63.58	68.20	-4.62	peak
3 q	5530.00	7.73	34.60	35.01	86.98	94.30	68.20	26.10	Peak



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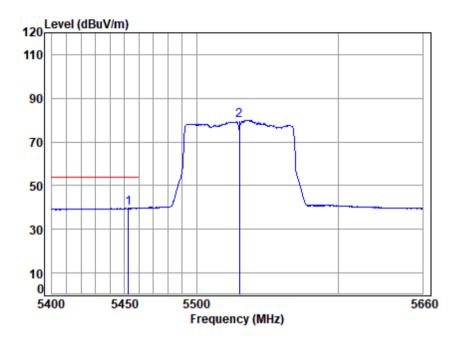


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 141 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5530 Band edge

: 5G WIFI 11AC80

	Freq			Preamp Factor					Remark	
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		_
q	5452.82	7.66	34.60	35.01	32.51	39.76	54.00	-14.24	Average	
	5530.00	7.73	34.60	35.01	72.62	79.94			Average	



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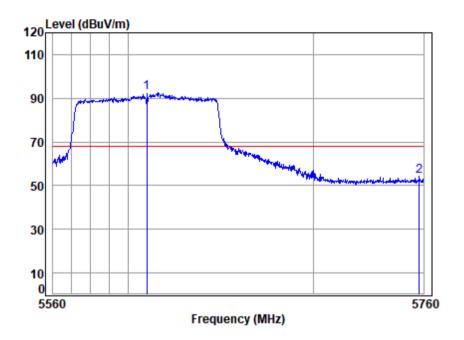


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 142 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5610 Band edge

: 5G WTFT 11ΔC80

	. 50	Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		_
. q	5610.00	7.81	34.50	35.02	85.50	92.79	68.20	24.59	peak	
)	5757 76	7 95	3/1 52	35 03	16 22	5/1 32	68 20	13 22	noak	



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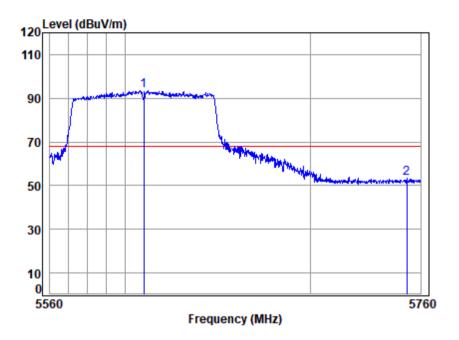


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 143 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5610 Band edge

: 5G WIFI 11AC80 Cable Ant Preamp Read Limit

Cable Ant Preamp Read Limit Over
Freq Loss Factor Factor Level Level Line Limit Remark

MHz dB dB/m dB dBuV dBuV/m dBuV/m dB

1 q 5610.00 7.81 34.50 35.02 86.25 93.54 68.20 25.34 Peak 2 5752.47 7.94 34.50 35.03 46.16 53.57 68.20 -14.63 Peak

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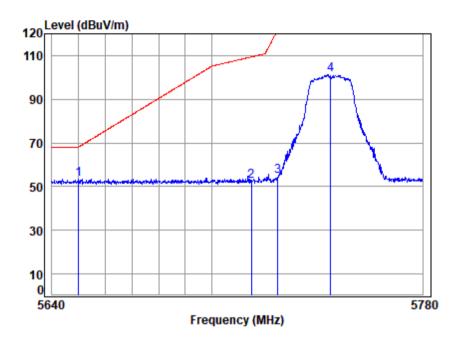


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 144 of 290

Test Mode: 22; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5745 Band edge

: 5G WIFI 11A

	Freq			Preamp Factor					Remark
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
_	5649.97								•
	5715.00								•
	5725.00								•
4	5745.00	7.93	34.50	35.03	93.82	101.22			peak



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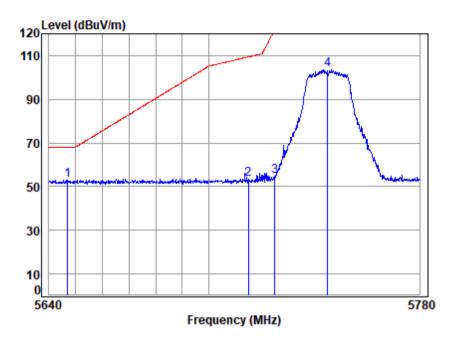


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 145 of 290

Test Mode: 22; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL Job No : 01476AT

Mode : 5745 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5647.06	7.84	34.50	35.02	45.73	53.05	68.20	-15.15	peak
2	5715.00	7.91	34.50	35.02	46.07	53.46	109.40	-55.94	peak
3	5725.00	7.92	34.50	35.02	47.24	54.64	122.20	-67.56	peak
4	5745.00	7.93	34.50	35.03	96.10	103.50			peak



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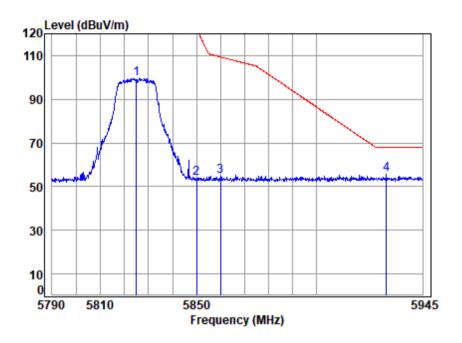


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 146 of 290

Test Mode: 22; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5825 Band edge

: 5G WIFI 11A

		MATI T	117						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.00	8.01	34.65	35.03	92.01	99.64			peak
2	5850.00	8.03	34.70	35.03	45.94	53.64	122.20	-68.56	peak
3	5860.00	8.04	34.72	35.03	46.81	54.54	109.40	-54.86	peak
4 q	5929.79	8.10	34.86	35.04	47.68	55.60	68.20	-12.60	peak



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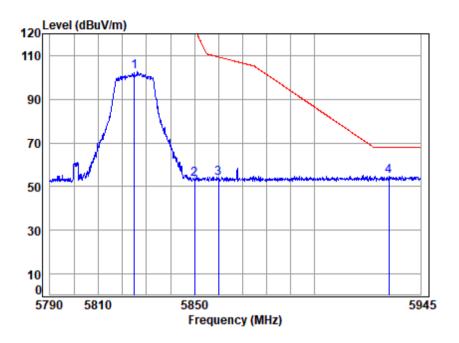


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 147 of 290

Test Mode: 22; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 01476AT Job No

Mode : 5825 Band edge

: 5G WIFI 11A

		MATI T	117						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.00	8.01	34.65	35.03	94.86	102.49			peak
2	5850.00	8.03	34.70	35.03	45.81	53.51	122.20	-68.69	peak
3	5860.00	8.04	34.72	35.03	46.19	53.92	109.40	-55.48	peak
4 q	5931.67	8.10	34.86	35.04	46.84	54.76	68.20	-13.44	peak



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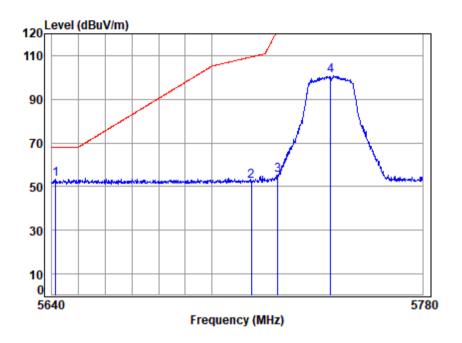


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 148 of 290

Test Mode: 22; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5745 Band edge

: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5641.38	7.84	34.50	35.02	46.09	53.41	68.20	-14.79	peak
2	5715.00	7.91	34.50	35.02	45.16	52.55	109.40	-56.85	peak
3	5725.00	7.92	34.50	35.02	47.89	55.29	122.20	-66.91	peak
4	5745.00	7.93	34.50	35.03	93.51	100.91			peak



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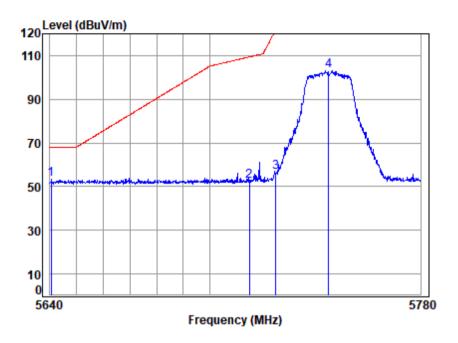


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 149 of 290

Test Mode: 22; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5745 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					Remark
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5640.55	7.84	34.50	35.02	46.03	53.35	68.20	-14.85	peak
2	5715.00	7.91	34.50	35.02	45.03	52.42	109.40	-56.98	peak
3	5725.00	7.92	34.50	35.02	49.18	56.58	122.20	-65.62	peak
4	5745.00	7.93	34.50	35.03	95.82	103.22			peak



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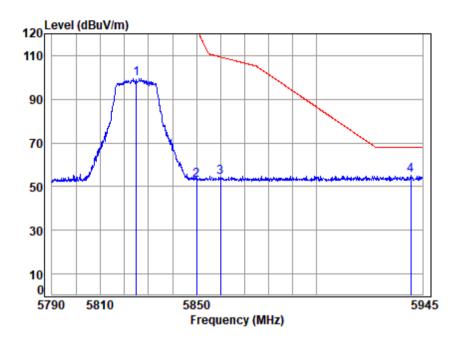


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 150 of 290

Test Mode: 22; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5825 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					Remark
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.00	8.01	34.65	35.03	91.75	99.38			peak
2	5850.00	8.03	34.70	35.03	45.27	52.97	122.20	-69.23	peak
3	5860.00	8.04	34.72	35.03	46.48	54.21	109.40	-55.19	peak
4 a	5939.98	8.11	34.88	35.04	47.04	54.99	68.20	-13.21	peak



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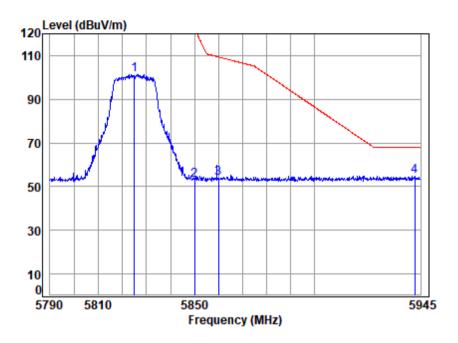


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 151 of 290

Test Mode: 22; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5825 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					Remark
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.00	8.01	34.65	35.03	93.87	101.50			peak
2	5850.00	8.03	34.70	35.03	45.37	53.07	122.20	-69.13	peak
3	5860.00	8.04	34.72	35.03	46.13	53.86	109.40	-55.54	peak
4 q	5942.49	8.11	34.89	35.04	46.90	54.86	68.20	-13.34	peak



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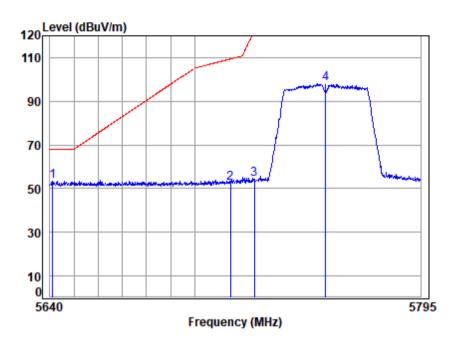


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 152 of 290

Test Mode: 22; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5755 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor					Remark
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	——dB	
1 q	5641.07	7.84	34.50	35.02	46.11	53.43	68.20	-14.77	peak
2	5715.00	7.91	34.50	35.02	45.01	52.40	109.40	-57.00	peak
3	5725.00	7.92	34.50	35.02	46.89	54.29	122.20	-67.91	peak
4	5755.00	7.94	34.51	35.03	90.52	97.94			peak



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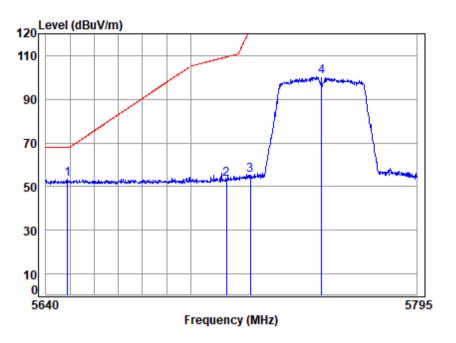


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 153 of 290

Test Mode: 22; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Job No

Condition: 3m VERTICAL

: 01476AT Mode : 5755 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5649.03	7.85	34.50	35.02	45.86	53.19	68.20	-15.01	peak
2	5715.00	7.91	34.50	35.02	46.21	53.60	109.40	-55.80	peak
3	5725.00	7.92	34.50	35.02	47.97	55.37	122.20	-66.83	peak
4	5755.00	7.94	34.51	35.03	92.96	100.38			peak



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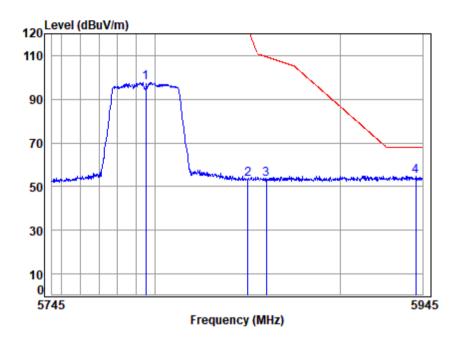


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 154 of 290

Test Mode: 22; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5795 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor					Remark
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.00	7.98	34.59	35.03	90.28	97.82			peak
2	5850.00	8.03	34.70	35.03	45.87	53.57	122.20	-68.63	peak
3	5860.00	8.04	34.72	35.03	45.83	53.56	109.40	-55.84	peak
4 g	5941.34	8.11	34.88	35.04	46.97	54.92	68.20	-13.28	peak



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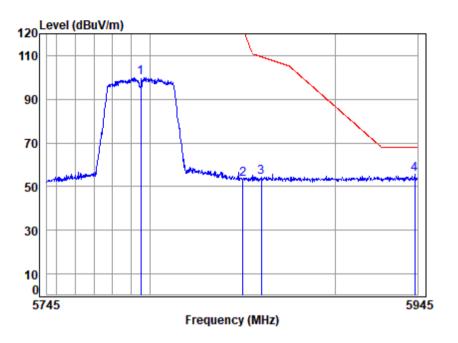


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 155 of 290

Test Mode: 22; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5795 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor					Remark
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.00	7.98	34.59	35.03	92.45	99.99			peak
2	5850.00	8.03	34.70	35.03	45.71	53.41	122.20	-68.79	peak
3	5860.00	8.04	34.72	35.03	46.39	54.12	109.40	-55.28	peak
4 q	5943.58	8.11	34.89	35.04	47.57	55.53	68.20	-12.67	peak



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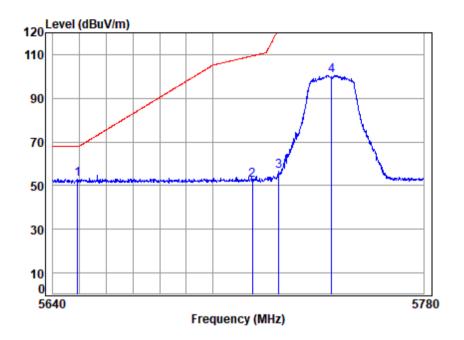


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 156 of 290

Test Mode: 22; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5745 Band edge

: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5649.27	7.85	34.50	35.02	45.78	53.11	68.20	-15.09	peak
2	5715.00	7.91	34.50	35.02	45.20	52.59	109.40	-56.81	peak
3	5725.00	7.92	34.50	35.02	49.30	56.70	122.20	-65.50	peak
	5745.00								•



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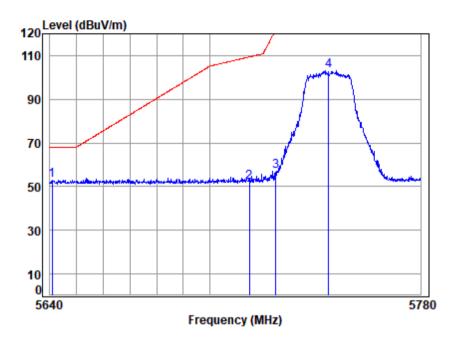


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 157 of 290

Test Mode: 22; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5745 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					Remark
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
_	5640.83								•
2	5715.00	7.91	34.50	35.02	44.83	52.22	109.40	-57.18	peak
3	5725.00	7.92	34.50	35.02	49.48	56.88	122.20	-65.32	peak
4	5745.00	7.93	34.50	35.03	95.65	103.05			peak



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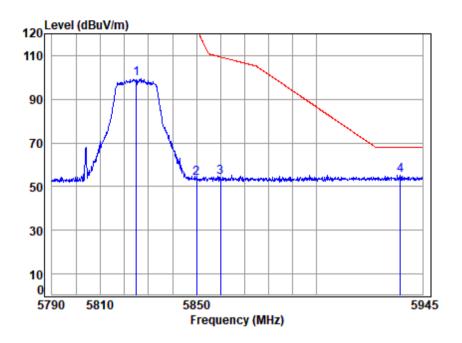


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 158 of 290

Test Mode: 22; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5825 Band edge

: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
1	5825.00	8.01	34.65	35.03	91.92	99.55			peak	
2	5850.00	8.03	34.70	35.03	46.23	53.93	122.20	-68.27	peak	
3	5860.00	8.04	34.72	35.03	46.35	54.08	109.40	-55.32	peak	
4 a	5935.58	8.10	34.87	35.04	47.48	55.41	68.20	-12.79	peak	



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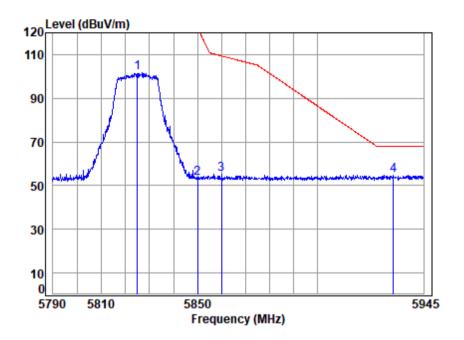


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 159 of 290

Test Mode: 22; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5825 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					Remark	
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	——dB		
1	5825.00	8.01	34.65	35.03	94.10	101.73			peak	
2	5850.00	8.03	34.70	35.03	45.72	53.42	122.20	-68.78	peak	
3	5860.00	8.04	34.72	35.03	47.36	55.09	109.40	-54.31	peak	
4 a	5932.14	8.10	34.86	35.04	46.83	54.75	68.20	-13.45	peak	



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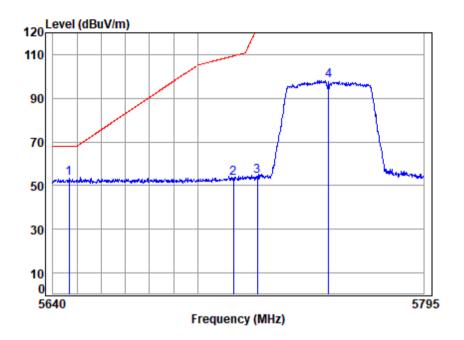


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 160 of 290

Test Mode: 22; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5755 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor					Remark
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	——dB	
_	5646.73								•
2	5715.00	7.91	34.50	35.02	45.96	53.35	109.40	-56.05	peak
3	5725.00	7.92	34.50	35.02	46.81	54.21	122.20	-67.99	peak
4	5755.00	7.94	34.51	35.03	90.86	98.28			peak



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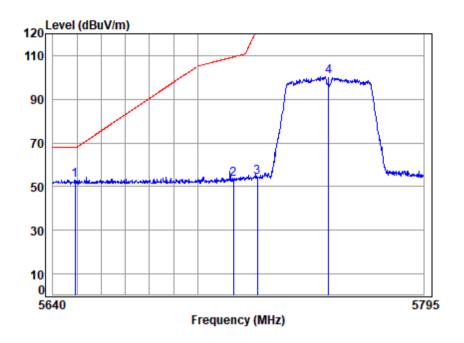


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 161 of 290

Test Mode: 22; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 01476AT Job No

Mode : 5755 Band edge

· 5G WTFT 11ΔC40

	Freq			Preamp Factor					Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
_	5649.18								•
2	5715.00	7.91	34.50	35.02	46.18	53.57	109.40	-55.83	peak
3	5725.00	7.92	34.50	35.02	46.87	54.27	122.20	-67.93	peak
4	5755.00	7.94	34.51	35.03	92.97	100.39			peak



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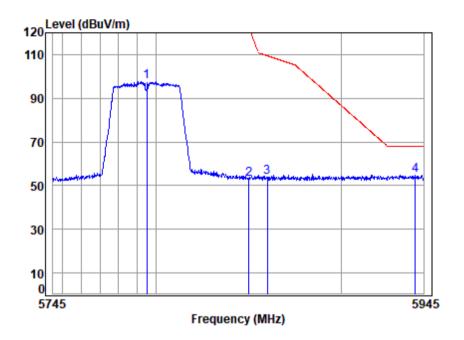


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 162 of 290

Test Mode: 22; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5795 Band edge

· 56 WIFT 110040

		MATIT	TIACHU						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.00	7.98	34.59	35.03	90.20	97.74			peak
2	5850.00	8.03	34.70	35.03	45.19	52.89	122.20	-69.31	peak
3	5860.00	8.04	34.72	35.03	46.19	53.92	109.40	-55.48	peak
1 0	5940 53	8 11	34 88	35 04	46 79	5/1 7/1	68 20	-13 /6	neak



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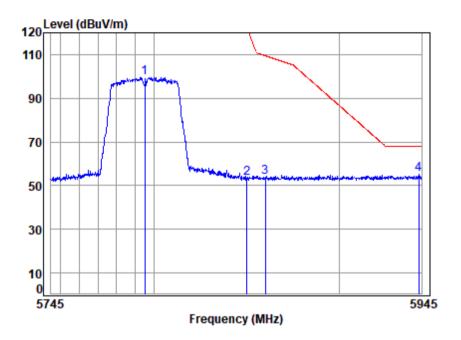


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 163 of 290

Test Mode: 22; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Job No

Condition: 3m VERTICAL

: 01476AT Mode : 5795 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor					Remark
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.00	7.98	34.59	35.03	92.04	99.58			peak
2	5850.00	8.03	34.70	35.03	45.68	53.38	122.20	-68.82	peak
3	5860.00	8.04	34.72	35.03	45.95	53.68	109.40	-55.72	peak
4 q	5943.37	8.11	34.89	35.04	47.26	55.22	68.20	-12.98	peak



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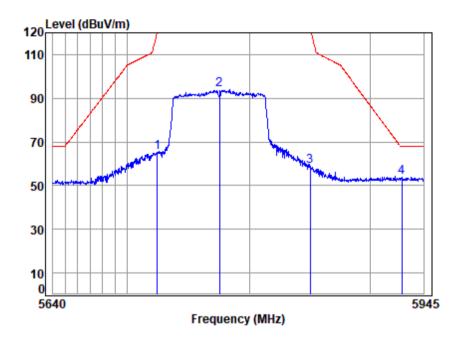


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 164 of 290

Test Mode: 22; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5775 Band edge

· 5G WIFT 11AC80

		MILIT	TIACOU						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5724.39	7.91	34.50	35.02	57.80	65.19	120.81	-55.62	peak
2	5775.00	7.96	34.55	35.03	86.33	93.81			peak
3	5849.96	8.03	34.70	35.03	51.04	58.74			peak
1 0	5926 87	2 10	3/1 85	35 0/	45 85	53 76	68 20	-1/ //	neak



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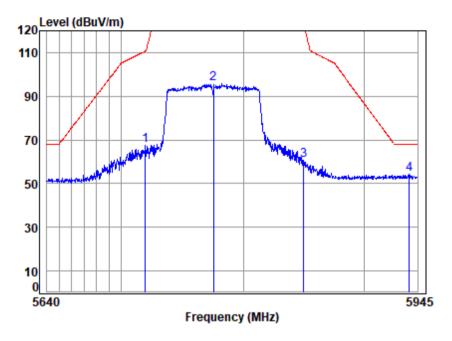


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 165 of 290

Test Mode: 22; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT Mode : 5775 Band edge

: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5719.57	7.91	34.50	35.02	60.22	67.61	110.68	-43.07	peak	
2	5775.00	7.96	34.55	35.03	88.16	95.64			peak	
3	5849.65	8.03	34.70	35.03	52.78	60.48			peak	
4 a	5938.12	8.11	34.88	35.04	46.13	54.08	68.20	-14.12	peak	



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 166 of 290

7.3 Radiated Emissions (Below 1GHz)

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

Test Method: KDB 789033 D02 II G

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:

Humidity: 41.2 % RH Temperature: 22.1 °C Atmospheric Pressure: 1010 mbar

7.3.2 Test Mode Description

7.3.2 Test mode Description								
Pre-scan / Final test	Mode Code	Description						
Pre-scan	15	TX mode (U-NII-1)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.						
Final test	16	Charge+TX mode (U-NII-1)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.						
Pre-scan	17	TX mode (U-NII-2A)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data						



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

167 of 290 Page:

	,	1 agc. 107 01 200
		rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Pre-scan	18	Charge+TX mode (U-NII-2A)_Keep the EUT in chanrging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Pre-scan	19	TX mode (U-NII-2C)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Pre-scan	20	Charge+TX mode (U-NII-2C)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Pre-scan	21	TX mode (U-NII-3)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Pre-scan	22	Charge+TX mode (U-NII-3)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.



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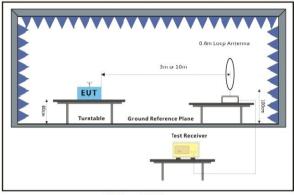


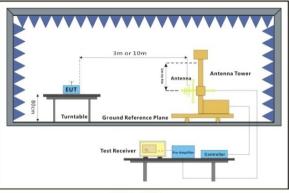
SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 168 of 290

7.3.3 Test Setup Diagram





Below 30MHz 30MHz-1GHz



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 169 of 290

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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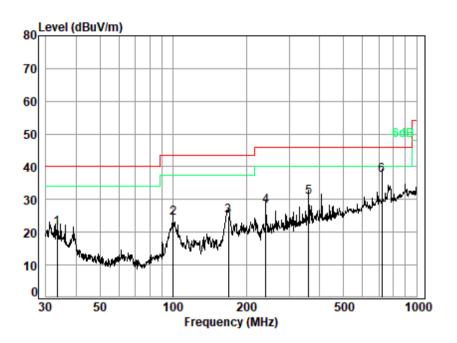


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 170 of 290

Test Mode: 16; Polarity: Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No. : 01476AT

Test Mode: 16

		Ant	Cable	Preamp	Read		Limit	0ver	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	——dB	
1	33.44	19.24	0.64	27.22	28.65	21.31	40.00	-18.69	QP
2	99.88	13.02	1.14	27.00	37.11	24.27	43.50	-19.23	QP
3	168.41	13.97	1.52	26.73	36.19	24.95	43.50	-18.55	QP
4	239.99	17.80	1.86	26.44	34.62	27.84	46.00	-18.16	QP
5	360.45	20.79	2.34	26.38	34.04	30.79	46.00	-15.21	QP
6 g	721.73	26.82	3.48	26.61	33.67	37.36	46.00	-8.64	OP



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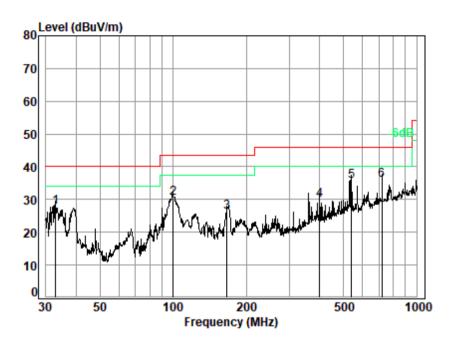


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

171 of 290 Page:

Test Mode: 16; Polarity: Vertical



Site : chamber

Condition: 3m VERTICAL

Job No. : 01476AT

Test Mode: 16

		Ant	Cable	Preamp	Read		Limit	0ver	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	32.98	19.55	0.64	27.22	34.64	27.61	40.00	-12.39	QP
2	99.88	13.02	1.14	27.00	43.37	30.53	43.50	-12.97	QP
3	166.65	13.84	1.51	26.73	37.42	26.04	43.50	-17.46	QP
4	400.43	21.59	2.48	26.50	32.34	29.91	46.00	-16.09	QP
5	541.37	24.27	2.94	26.92	35.18	35.47	46.00	-10.53	QP
6 a	721.73	26.82	3.48	26.61	32.13	35.82	46.00	-10.18	OP



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 172 of 290

7.4 Radiated Emissions (Above 1GHz)

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

Test Method: KDB 789033 D02 II G

Measurement Distance: 3m

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
Above 1GHz	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: 23.2 °C Humidity: 58.3 % RH Atmospheric Pressure: 1005 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	15	TX mode (U-NII-1)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Final test	16	Charge+TX mode (U-NII-1)_Keep the EUT in charging and continuously transmitting



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

173 of 290 Page:

		mode with all modulation types. All data rates for each gradulation types.
		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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Pre-scan	17	TX mode (U-NII-2A)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Final test	18	Charge+TX mode (U-NII-2A)_Keep the EUT in chanrging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40). Only the data of worst case is recorded in the report.
Pre-scan	19	TX mode (U-NII-2C)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Final test	20	Charge+TX mode (U-NII-2C)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Pre-scan	21	TX mode (U-NII-3)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.
Final test	22	Charge+TX mode (U-NII-3)_Keep the EUT in charging and 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



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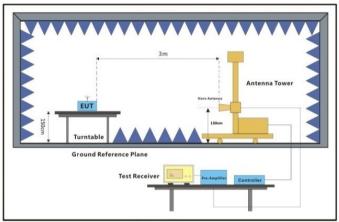
SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 174 of 290

@ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT20); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80). Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



Above 1GHz



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

175 of 290 Page:

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.



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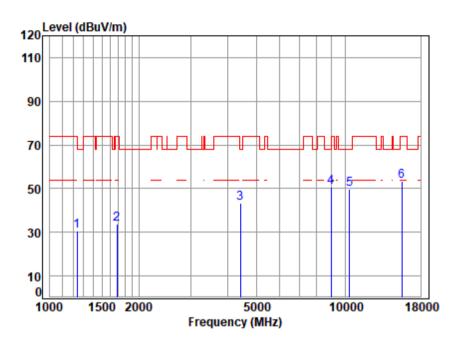


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 176 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5180 TX RSE Note : 5G WIFI 11A

	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1234.91	2.86	24.47	37.61	40.80	30.52	74.00	-43.48	peak
1687.35	3.47	26.77	36.43	39.87	33.68	74.00	-40.32	peak
4417.84	6.69	33.50	34.62	37.76	43.33	68.20	-24.87	peak
8969.16	10.10	36.70	35.52	39.19	50.47	68.20	-17.73	peak
10360.00	10.81	37.46	35.74	37.21	49.74	68.20	-18.46	peak
15540.00	13.61	40.94	37.47	36.27	53.35	74.00	-20.65	peak
	MHz 1234.91 1687.35 4417.84 8969.16 10360.00	Freq Loss MHz dB 1234.91 2.86 1687.35 3.47 4417.84 6.69 8969.16 10.10 10360.00 10.81	Freq Loss Factor MHz dB dB/m 1234.91 2.86 24.47 1687.35 3.47 26.77 4417.84 6.69 33.50 8969.16 10.10 36.70 10360.00 10.81 37.46	Freq Loss Factor Factor MHz dB dB/m dB 1234.91 2.86 24.47 37.61 1687.35 3.47 26.77 36.43 4417.84 6.69 33.50 34.62 8969.16 10.10 36.70 35.52 10360.00 10.81 37.46 35.74	Freq Loss Factor Factor Level MHz dB dB/m dB dBuV 1234.91 2.86 24.47 37.61 40.80 1687.35 3.47 26.77 36.43 39.87 4417.84 6.69 33.50 34.62 37.76 8969.16 10.10 36.70 35.52 39.19 10360.00 10.81 37.46 35.74 37.21	Freq Loss Factor Factor Level Level MHz dB dB/m dB dBuV dBuV/m 1234.91 2.86 24.47 37.61 40.80 30.52 1687.35 3.47 26.77 36.43 39.87 33.68 4417.84 6.69 33.50 34.62 37.76 43.33 8969.16 10.10 36.70 35.52 39.19 50.47 10360.00 10.81 37.46 35.74 37.21 49.74	Freq Loss Factor Factor Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1234.91 2.86 24.47 37.61 40.80 30.52 74.00 1687.35 3.47 26.77 36.43 39.87 33.68 74.00 4417.84 6.69 33.50 34.62 37.76 43.33 68.20 8969.16 10.10 36.70 35.52 39.19 50.47 68.20 10360.00 10.81 37.46 35.74 37.21 49.74 68.20	Cable Ant Preamp Read Limit Over Loss Factor Factor Level Level Line Limit MHz dB dB/m dB dBuV dBuV/m dBuV/m dBuV/m dB 1234.91 2.86 24.47 37.61 40.80 30.52 74.00 -43.48 1687.35 3.47 26.77 36.43 39.87 33.68 74.00 -40.32 4417.84 6.69 33.50 34.62 37.76 43.33 68.20 -24.87 8969.16 10.10 36.70 35.52 39.19 50.47 68.20 -17.73 10360.00 10.81 37.46 35.74 37.21 49.74 68.20 -18.46 15540.00 13.61 40.94 37.47 36.27 53.35 74.00 -20.65



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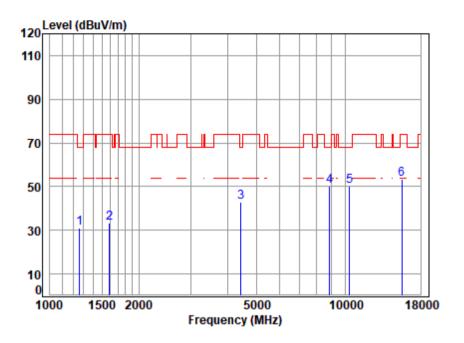


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 177 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5180 TX RSE Note : 5G WIFI 11A

000		****	117							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
							-			
1	1260.15	2.90	24.54	37.53	40.92	30.83	68.20	-37.37	peak	
2	1592.57	3.36	26.41	36.65	40.25	33.37	74.00	-40.63	peak	
3	4430.63	6.71	33.50	34.63	37.26	42.84	68.20	-25.36	peak	
4	8866.06	10.01	36.70	35.58	39.03	50.16	68.20	-18.04	peak	
5 (q 10360.00									
6	15540.00	13.61	40.94	37.47	36.43	53.51	74.00	-20.49	peak	



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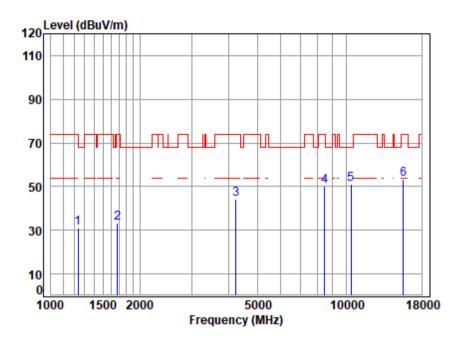


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 178 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5200 TX RSE Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.48	2.86	24.48	37.59	41.39	31.14	74.00	-42.86	peak
2	1682.48	3.47	26.77	36.44	39.55	33.35	74.00	-40.65	peak
3	4230.40	6.51	33.52	34.49	38.68	44.22	74.00	-29.78	peak
4	8440.95	9.63	36.40	35.82	40.01	50.22	74.00	-23.78	peak
5 q	10400.00	10.84	37.50	35.75	38.39	50.98	68.20	-17.22	peak
6	15600.00	13.68	41.00	37.49	36.01	53.20	74.00	-20.80	peak



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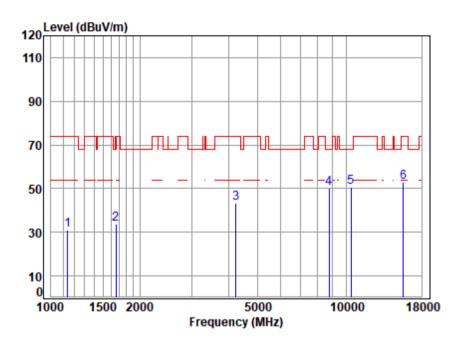


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 179 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5200 TX RSE Note : 5G WIFI 11A

OCC	. 50	AATI T	114						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1138.90	2.70	24.16	37.91	41.91	30.86	74.00	-43.14	peak
2	1658.34	3.44	26.72	36.50	40.15	33.81	68.20	-34.39	peak
3	4230.40	6.51	33.52	34.49	37.62	43.16	74.00	-30.84	peak
4	8764.15	9.92	36.70	35.63	39.28	50.27	68.20	-17.93	peak
5 q	10400.00	10.84	37.50	35.75	37.94	50.53	68.20	-17.67	peak
6	15600.00	13.68	41.00	37.49	35.93	53.12	74.00	-20.88	peak



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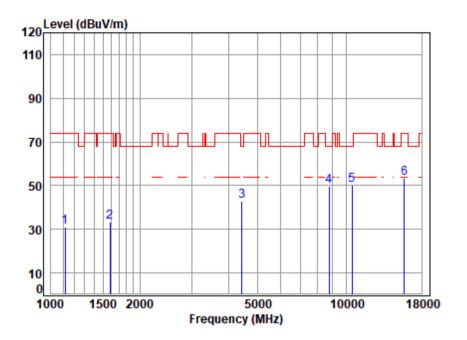


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 180 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5240 TX RSE Note : 5G WIFI 11A

0.0		****							
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1119.32	2.66	24.08	37.98	42.22	30.98	74.00	-43.02	peak
2	1587.98	3.35	26.36	36.66	40.08	33.13	74.00	-40.87	peak
3	4443.45	6.72	33.50	34.64	37.44	43.02	68.20	-25.18	peak
4	8764.15	9.92	36.70	35.63	38.92	49.91	68.20	-18.29	peak
5 q	10480.00								
6	15720.00	13.83	41.14	37.54	35.80	53.23	74.00	-20.77	peak



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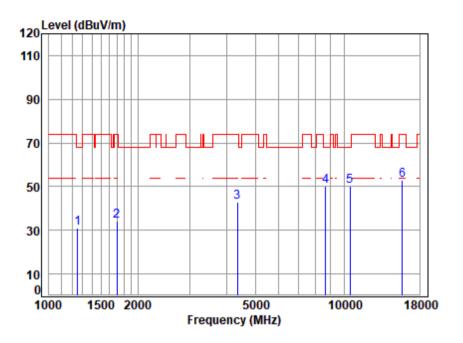


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 181 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5240 TX RSE Note : 5G WIFI 11A

					Preamp					
		Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1		1252.89	2.89	24.51	37.55	41.10	30.95	68.20	-37.25	peak
2		1702.04	3.49	26.80	36.40	40.12	34.01	74.00	-39.99	peak
3		4354.45	6.63	33.59	34.58	37.41	43.05	74.00	-30.95	peak
4	q	8638.40	9.81	36.60	35.71	39.52	50.22	68.20	-17.98	peak
5		10480.00	10.90	37.50	35.79	37.44	50.05	68.20	-18.15	peak
6		15720.00	13.83	41.14	37.54	35.58	53.01	74.00	-20.99	peak



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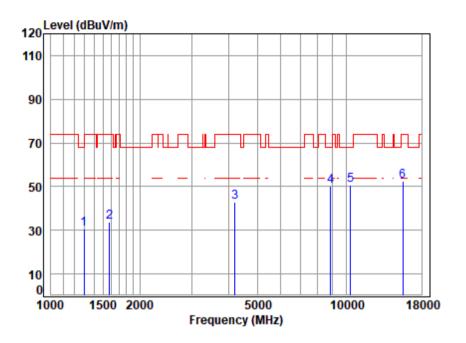


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 182 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5180 TX RSE Note : 5G WIFI 11N20

		111120						
	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1293.36	2.95	24.67	37.43	40.56	30.75	68.20	-37.45	peak
1578.82	3.34	26.25	36.68	40.93	33.84	74.00	-40.16	peak
4193.87	6.48	33.36	34.47	37.70	43.07	74.00	-30.93	peak
8866.06	10.01	36.70	35.58	38.90	50.03	68.20	-18.17	peak
15540.00	13.61	40.94	37.47	35.53	52.61	74.00	-21.39	peak
	MHz 1293.36 1578.82 4193.87 8866.06 10360.00	Freq Loss MHz dB 1293.36 2.95 1578.82 3.34 4193.87 6.48 8866.06 10.01 10360.00 10.81	Freq Loss Factor MHz dB dB/m 1293.36 2.95 24.67 1578.82 3.34 26.25 4193.87 6.48 33.36 8866.06 10.01 36.70 10360.00 10.81 37.46	Freq Loss Factor Factor MHz dB dB/m dB 1293.36 2.95 24.67 37.43 1578.82 3.34 26.25 36.68 4193.87 6.48 33.36 34.47 8866.06 10.01 36.70 35.58 10360.00 10.81 37.46 35.74	Freq Loss Factor Factor Level MHz dB dB/m dB dBuV 1293.36 2.95 24.67 37.43 40.56 1578.82 3.34 26.25 36.68 40.93 4193.87 6.48 33.36 34.47 37.70 8866.06 10.01 36.70 35.58 38.90 10360.00 10.81 37.46 35.74 38.19	Freq Loss Factor Factor Level Level MHz dB dB/m dB dBuV dBuV/m 1293.36 2.95 24.67 37.43 40.56 30.75 1578.82 3.34 26.25 36.68 40.93 33.84 4193.87 6.48 33.36 34.47 37.70 43.07 8866.06 10.01 36.70 35.58 38.90 50.03 10360.00 10.81 37.46 35.74 38.19 50.72	Freq Loss Factor Factor Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1293.36 2.95 24.67 37.43 40.56 30.75 68.20 1578.82 3.34 26.25 36.68 40.93 33.84 74.00 4193.87 6.48 33.36 34.47 37.70 43.07 74.00 8866.06 10.01 36.70 35.58 38.90 50.03 68.20 10360.00 10.81 37.46 35.74 38.19 50.72 68.20	Cable Ant Preamp Read Limit Over Loss Factor Factor Level Level Line Limit MHz dB dB/m dB dBuV dBuV/m dBuV/m dBuV/m dB 1293.36 2.95 24.67 37.43 40.56 30.75 68.20 -37.45 1578.82 3.34 26.25 36.68 40.93 33.84 74.00 -40.16 4193.87 6.48 33.36 34.47 37.70 43.07 74.00 -30.93 8866.06 10.01 36.70 35.58 38.90 50.03 68.20 -18.17 10360.00 10.81 37.46 35.74 38.19 50.72 68.20 -17.48 15540.00 13.61 40.94 37.47 35.53 52.61 74.00 -21.39



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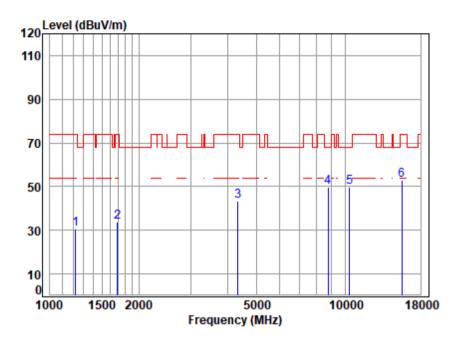


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 183 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5180 TX RSE Note : 5G WIFI 11N20

			****	111120						
			Cable	Ant	Preamp	Read		Limit	0ver	
		Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1		1224.25	2.84	24.45	37.64	41.09	30.74	74.00	-43.26	peak
2		1692.23	3.48	26.78	36.42	39.99	33.83	74.00	-40.17	peak
3		4341.89	6.62	33.60	34.57	37.75	43.40	74.00	-30.60	peak
4	q	8738.85	9.90	36.70	35.65	38.98	49.93	68.20	-18.27	peak
5		10360.00	10.81	37.46	35.74	37.28	49.81	68.20	-18.39	peak
6		15540.00	13.61	40.94	37.47	36.02	53.10	74.00	-20.90	peak



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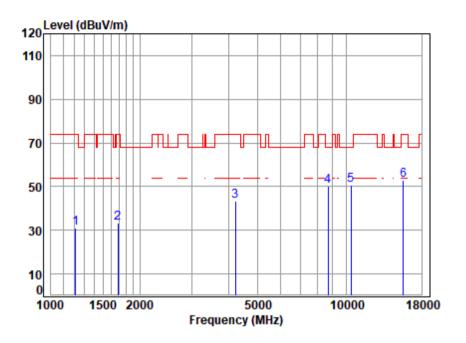


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 184 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5200 TX RSE Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1210.17	2.82	24.42	37.68	41.67	31.23	74.00	-42.77	peak
2	1687.35	3.47	26.77	36.43	39.47	33.28	74.00	-40.72	peak
3	4218.19	6.50	33.47	34.48	37.90	43.39	74.00	-30.61	peak
4	8688.48	9.86	36.68	35.68	39.49	50.35	68.20	-17.85	peak
5 q	10400.00	10.84	37.50	35.75	38.13	50.72	68.20	-17.48	peak
6	15600.00	13.68	41.00	37.49	35.96	53.15	74.00	-20.85	peak



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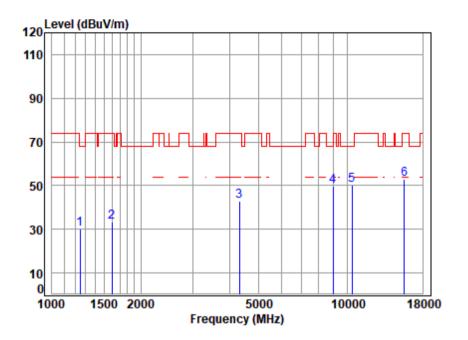


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 185 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5200 TX RSE Note : 5G WIFI 11N20

		****	111120						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1245.66	2.87	24.49	37.57	40.34	30.13	68.20	-38.07	peak
2	1597.18	3.37	26.47	36.64	40.33	33.53	74.00	-40.47	peak
3	4316.86	6.60	33.60	34.55	37.21	42.86	74.00	-31.14	peak
4	8969.16	10.10	36.70	35.52	38.44	49.72	68.20	-18.48	peak
5 q	10400.00								
6	15600.00	13.68	41.00	37.49	35.82	53.01	74.00	-20.99	peak



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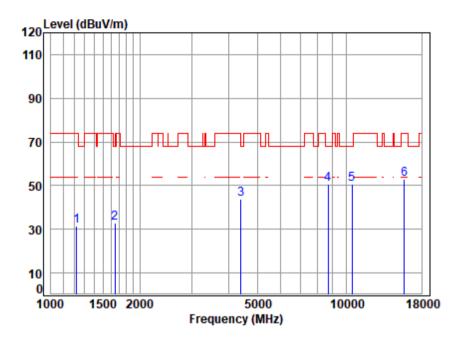


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 186 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5240 TX RSE Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1220.71	2.83	24.44	37.65	41.70	31.32	74.00	-42.68	peak
2	1648.78	3.43	26.70	36.52	39.31	32.92	68.20	-35.28	peak
3	4405.09	6.68	33.50	34.61	38.03	43.60	68.20	-24.60	peak
4	8688.48	9.86	36.68	35.68	39.57	50.43	68.20	-17.77	peak
5 q	10480.00	10.90	37.50	35.79	38.26	50.87	68.20	-17.33	peak
6	15720.00	13.83	41.14	37.54	35.58	53.01	74.00	-20.99	peak



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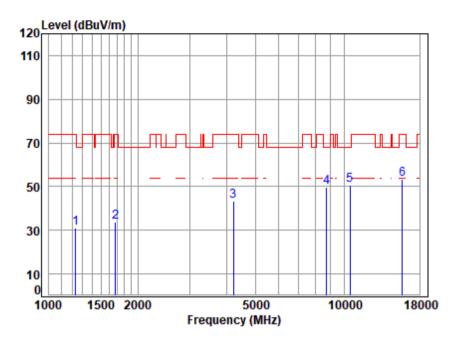


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 187 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5240 TX RSE Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.35	2.85	24.46	37.62	41.55	31.24	74.00	-42.76	peak
2	1677.62	3.46	26.76	36.45	39.97	33.74	74.00	-40.26	peak
3	4218.19	6.50	33.47	34.48	37.92	43.41	74.00	-30.59	peak
4	8713.63	9.88	36.70	35.66	38.82	49.74	68.20	-18.46	peak
5 q	10480.00	10.90	37.50	35.79	38.06	50.67	68.20	-17.53	peak
6	15720.00	13.83	41.14	37.54	35.97	53.40	74.00	-20.60	peak



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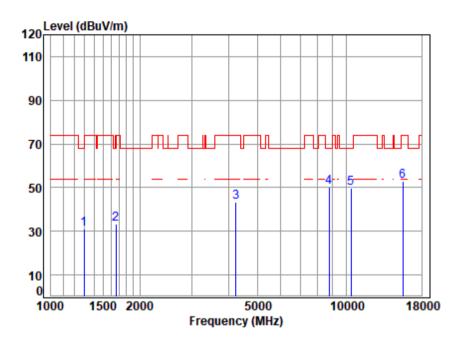


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 188 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5190 TX RSE Note : 5G WIFI 11N40

					Preamp					
		Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1		1297.10	2.95	24.69	37.42	40.89	31.11	68.20	-37.09	peak
2		1658.34	3.44	26.72	36.50	39.72	33.38	68.20	-34.82	peak
3		4230.40	6.51	33.52	34.49	37.92	43.46	74.00	-30.54	peak
4	q	8738.85	9.90	36.70	35.65	39.25	50.20	68.20	-18.00	peak
5		10380.00	10.83	37.48	35.74	37.34	49.91	68.20	-18.29	peak
6		15570.00	13.65	40.97	37.48	35.97	53.11	74.00	-20.89	peak



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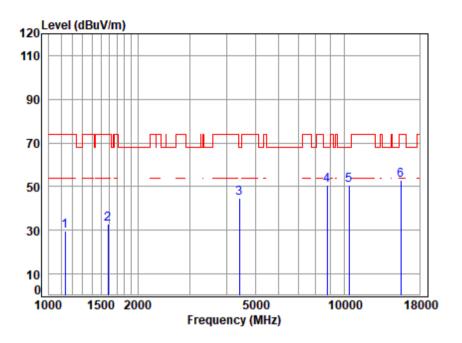


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 189 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5190 TX RSE Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1135.62	2.69	24.14	37.92	40.81	29.72	74.00	-44.28	peak
2	1587.98	3.35	26.36	36.66	39.84	32.89	74.00	-41.11	peak
3	4417.84	6.69	33.50	34.62	38.92	44.49	68.20	-23.71	peak
4	8738.85	9.90	36.70	35.65	39.63	50.58	68.20	-17.62	peak
5 q	10380.00	10.83	37.48	35.74	38.10	50.67	68.20	-17.53	peak
6	15570.00	13.65	40.97	37.48	35.84	52.98	74.00	-21.02	peak



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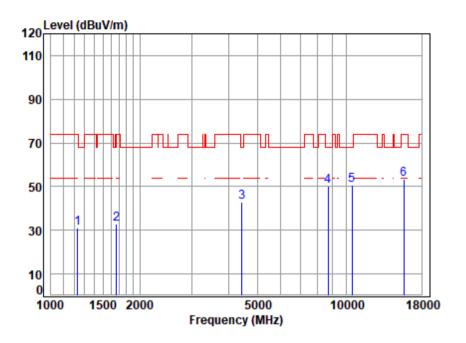


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 190 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5230 TX RSE Note : 5G WIFI 11N40

. 50	****	111140						
	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1231.35	2.85	24.46	37.62	41.22	30.91	74.00	-43.09	peak
1667.95	3.45	26.74	36.47	39.21	32.93	74.00	-41.07	peak
4443.45	6.72	33.50	34.64	37.28	42.86	68.20	-25.34	peak
8688.48	9.86	36.68	35.68	39.19	50.05	68.20	-18.15	peak
10460.00	10.89	37.50	35.78	38.06	50.67	68.20	-17.53	peak
15690.00	13.79	41.09	37.53	36.00	53.35	74.00	-20.65	peak
	MHz 1231.35 1667.95 4443.45 8688.48 10460.00	MHz dB 1231.35 2.85 1667.95 3.45 4443.45 6.72 8688.48 9.86 10460.00 10.89	Freq Loss Factor MHz dB dB/m 1231.35 2.85 24.46 1667.95 3.45 26.74 4443.45 6.72 33.50 8688.48 9.86 36.68 10460.00 10.89 37.50	Freq Loss Factor Factor MHz dB dB/m dB 1231.35 2.85 24.46 37.62 1667.95 3.45 26.74 36.47 4443.45 6.72 33.50 34.64 8688.48 9.86 36.68 35.68 10460.00 10.89 37.50 35.78	Freq Loss Factor Factor Level MHz dB dB/m dB dBuV 1231.35 2.85 24.46 37.62 41.22 1667.95 3.45 26.74 36.47 39.21 4443.45 6.72 33.50 34.64 37.28 8688.48 9.86 36.68 35.68 39.19 10460.00 10.89 37.50 35.78 38.06	MHz dB dB/m dB dBuV dBuV/m 1231.35 2.85 24.46 37.62 41.22 30.91 1667.95 3.45 26.74 36.47 39.21 32.93 4443.45 6.72 33.50 34.64 37.28 42.86 8688.48 9.86 36.68 35.68 39.19 50.05 10460.00 10.89 37.50 35.78 38.06 50.67	Freq Loss Factor Factor Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1231.35 2.85 24.46 37.62 41.22 30.91 74.00 1667.95 3.45 26.74 36.47 39.21 32.93 74.00 4443.45 6.72 33.50 34.64 37.28 42.86 68.20 8688.48 9.86 36.68 35.68 39.19 50.05 68.20 10460.00 10.89 37.50 35.78 38.06 50.67 68.20	Cable Ant Preamp Read Limit Over Loss Factor Factor Level Level Line Limit MHz dB dB/m dB dBuV dBuV/m dBuV/m dBuV/m dB 1231.35 2.85 24.46 37.62 41.22 30.91 74.00 -43.09 1667.95 3.45 26.74 36.47 39.21 32.93 74.00 -41.07 4443.45 6.72 33.50 34.64 37.28 42.86 68.20 -25.34 8688.48 9.86 36.68 35.68 39.19 50.05 68.20 -18.15 10460.00 10.89 37.50 35.78 38.06 50.67 68.20 -17.53 15690.00 13.79 41.09 37.53 36.00 53.35 74.00 -20.65



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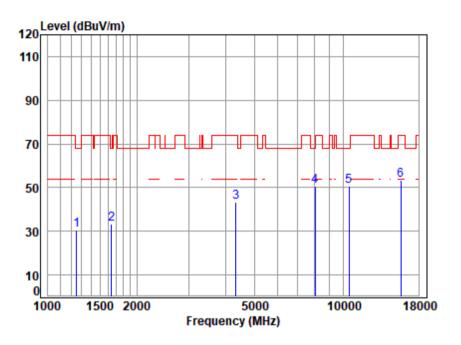


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 191 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5230 TX RSE Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	d Bu V/m	dBuV/m	dB	
1	1249.27	2.88	24.50	37.56	40.88	30.70	68.20	-37.50	peak
2	1644.02	3.42	26.68	36.53	39.75	33.32	68.20	-34.88	peak
3	4329.35	6.61	33.60	34.56	37.74	43.39	74.00	-30.61	peak
4	8036.21	9.25	36.20	36.07	41.28	50.66	74.00	-23.34	peak
5 0	10460.00	10.89	37.50	35.78	38.24	50.85	68.20	-17.35	peak
6	15690.00	13.79	41.09	37.53	36.11	53.46	74.00	-20.54	peak



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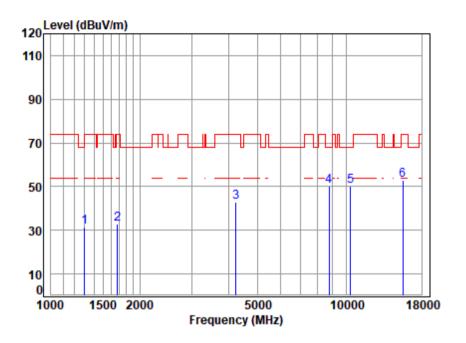


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 192 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5180 TX RSE

Note : 5G WIFI 11AC20

		****	TIMELU						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1300.86	2.96	24.70	37.41	41.41	31.66	74.00	-42.34	peak
2	1677.62	3.46	26.76	36.45	39.25	33.02	74.00	-40.98	peak
3	4230.40	6.51	33.52	34.49	37.40	42.94	74.00	-31.06	peak
4 0	8764.15	9.92	36.70	35.63	39.25	50.24	68.20	-17.96	peak
5	10360.00	10.81	37.46	35.74	37.71	50.24	68.20	-17.96	peak
6	15540.00	13.61	40.94	37.47	35.86	52.94	74.00	-21.06	peak



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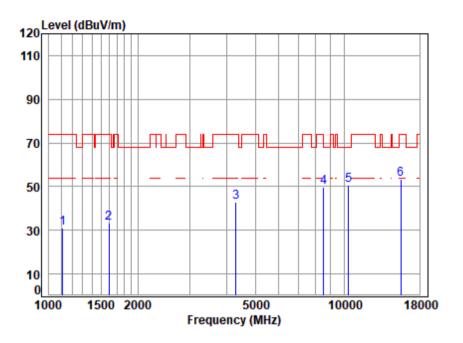


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 193 of 290

Test Mode: 16: Polarity: Vertical: Modulation:802.11ac: Bandwidth:20MHz: Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5180 TX RSE : 5G WIFI 11AC20 Note

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Limit Remark Freq Level Level Line dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 2.65 24.05 42.11 30.81 74.00 -43.19 peak 1112.87 38.00 1597.18 3.37 36.64 40.13 33.33 74.00 -40.67 peak 26.47 6.59 37.29 42.94 74.00 -31.06 peak 4304.40 33.60 34.54 8514.46 9.70 36.50 35.78 39.39 49.81 68.20 -18.39 peak 5 q 10360.00 10.81 35.74 38.14 50.67 68.20 -17.53 peak 37.46 15540.00 13.61 40.94 37.47 36.26 53.34 74.00 -20.66 peak



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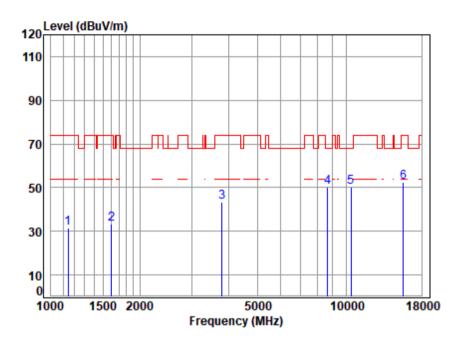


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 194 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5200 TX RSE Note : 5G WIFI 11AC20

			Cable	Ant	Preamp	Read		Limit	0ver		
		Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
				/			,				
1		1145.51	2.71	24.18	37.89	42.28	31.28	74.00	-42.72	peak	
2		1606.44								•	
3		3801.33	6.02	32.80	34.53	39.03	43.32	74.00	-30.68	peak	
4		8663.40	9.84	36.63	35.69	39.32	50.10	68.20	-18.10	peak	
5	q	10400.00	10.84	37.50	35.75	37.59	50.18	68.20	-18.02	peak	
6		15600.00	13.68	41.00	37.49	35.45	52.64	74.00	-21.36	peak	



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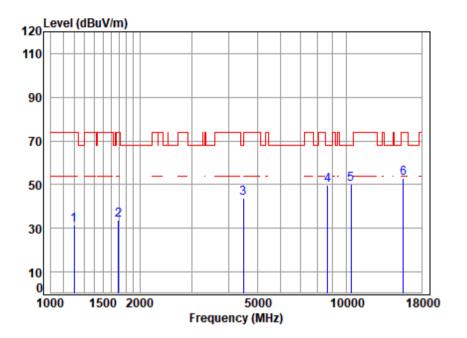


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 195 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5200 TX RSE

Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.73	2.80	24.40	37.71	42.02	31.51	74.00	-42.49	peak
2	1692.23	3.48	26.78	36.42	40.03	33.87	74.00	-40.13	peak
3	4482.15	6.75	33.50	34.66	38.05	43.64	68.20	-24.56	peak
4	8638.40	9.81	36.60	35.71	39.03	49.73	68.20	-18.47	peak
5 q	10400.00	10.84	37.50	35.75	37.65	50.24	68.20	-17.96	peak
6	15600.00	13.68	41.00	37.49	35.61	52.80	74.00	-21.20	peak



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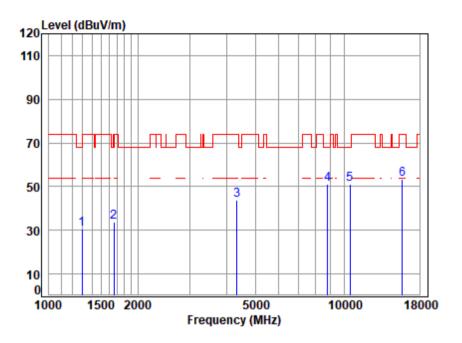


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 196 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5240 TX RSE Note : 5G WIFI 11AC20

Cable Ant Preamp Limit Read Over

		CUDIC	7416	· · camp	11000			010		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1293.36	2.95	24.67	37.43	40.39	30.58	68.20	-37.62	peak	
2	1663.14	3.45	26.73	36.48	39.99	33.69	74.00	-40.31	peak	
3	4329.35	6.61	33.60	34.56	38.29	43.94	74.00	-30.06	peak	
4	8789.52	9.95	36.70	35.62	39.85	50.88	68.20	-17.32	peak	
5 q	10480.00	10.90	37.50	35.79	38.29	50.90	68.20	-17.30	peak	
6	15720.00	13.83	41.14	37.54	36.03	53.46	74.00	-20.54	peak	



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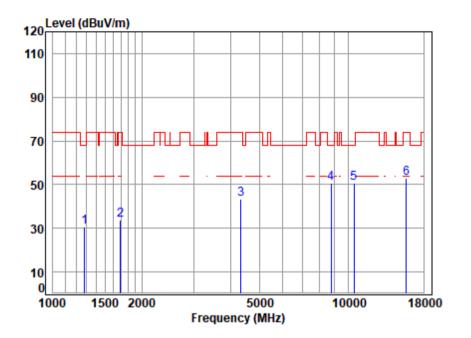


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 197 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5240 TX RSE

: 5G WIFI 11AC20 Note

OCC	. 50	MATIT	IIACZU						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.19	2.93	24.63	37.46	40.65	30.75	68.20	-37.45	peak
2	1692.23	3.48	26.78	36.42	39.74	33.58	74.00	-40.42	peak
3	4341.89	6.62	33.60	34.57	37.73	43.38	74.00	-30.62	peak
4 q	8764.15	9.92	36.70	35.63	39.60	50.59	68.20	-17.61	peak
5	10480.00	10.90	37.50	35.79	37.81	50.42	68.20	-17.78	peak
6	15720.00	13.83	41.14	37.54	35.64	53.07	74.00	-20.93	peak



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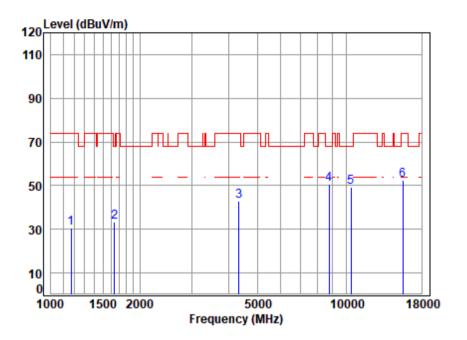


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 198 of 290

Test Mode: 16: Polarity: Horizontal: Modulation:802.11ac: Bandwidth:40MHz: Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

15570.00

Mode : 5190 TX RSE Note : 5G WIFI 11AC40

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Limit Remark Freq Level Level Line dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 1172.30 2.75 24.29 37.80 41.25 30.49 74.00 -43.51 peak 1644.02 3.42 26.68 36.53 39.54 33.11 68.20 -35.09 peak 33.60 34.56 74.00 -30.92 peak 4329.35 6.61 37.43 43.08 4 q 8764.15 9.92 36.70 35.63 39.88 50.87 68.20 -17.33 peak 10380.00 10.83 35.74 36.92 49.49 68.20 -18.71 peak 37.48 13.65 37.48 35.22 52.36 74.00 -21.64 peak



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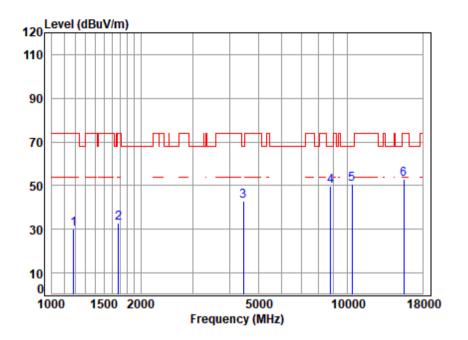


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 199 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5190 TX RSE

Note : 5G WIFI 11AC40

0.0		****	11/10/10						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1182.51	2.77	24.33	37.77	40.60	29.93	74.00	-44.07	peak
2	1682.48	3.47	26.77	36.44	39.23	33.03	74.00	-40.97	peak
3	4456.32	6.73	33.50	34.64	37.38	42.97	68.20	-25.23	peak
4	8789.52	9.95	36.70	35.62	38.84	49.87	68.20	-18.33	peak
5 q	10380.00								
6	15570.00	13.65	40.97	37.48	35.91	53.05	74.00	-20.95	peak



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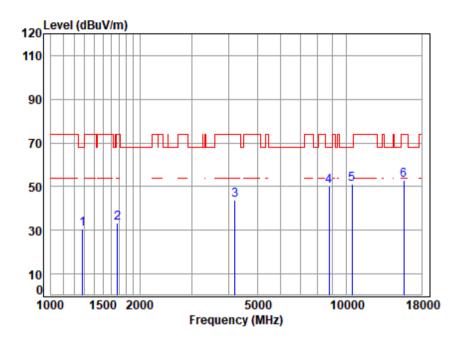


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 200 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5230 TX RSE

Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1278.49	2.93	24.61	37.47	40.50	30.57	68.20	-37.63	peak
2	1682.48	3.47	26.77	36.44	39.72	33.52	74.00	-40.48	peak
3	4193.87	6.48	33.36	34.47	38.38	43.75	74.00	-30.25	peak
4	8738.85	9.90	36.70	35.65	39.28	50.23	68.20	-17.97	peak
5 q	10460.00	10.89	37.50	35.78	38.71	51.32	68.20	-16.88	peak
6	15690.00	13.79	41.09	37.53	35.46	52.81	74.00	-21.19	peak



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中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057

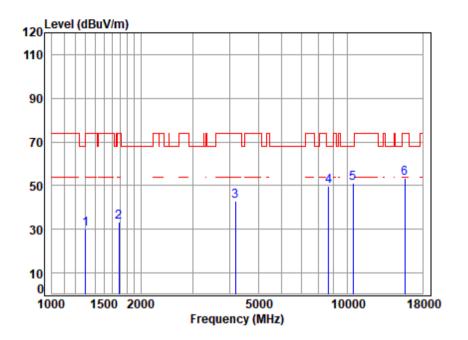


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 201 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5230 TX RSE

Note : 5G WIFI 11AC40

		****	11/10/10						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1300.86	2.96	24.70	37.41	40.01	30.26	74.00	-43.74	peak
2	1687.35	3.47	26.77	36.43	39.27	33.08	74.00	-40.92	peak
3	4181.77	6.47	33.29	34.46	37.71	43.01	74.00	-30.99	peak
4	8638.40	9.81	36.60	35.71	39.02	49.72	68.20	-18.48	peak
5 q	10460.00	10.89	37.50	35.78	38.63	51.24	68.20	-16.96	peak
6	15690.00	13.79	41.09	37.53	35.81	53.16	74.00	-20.84	peak



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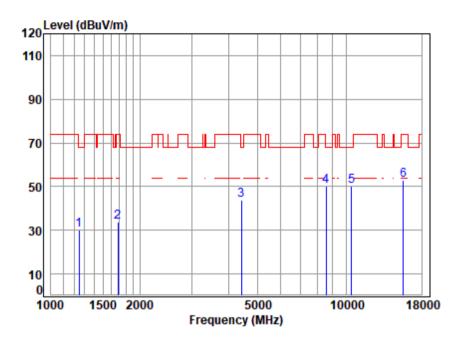


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 202 of 290

Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5210 TX RSE Note : 5G WIFI 11AC80

Cable Limit Ant Preamp Read 0ver

		CUDIC	7416	· · camp	III GG			0.00	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1245.66	2.87	24.49	37.57	40.37	30.16	68.20	-38.04	peak
2	1687.35	3.47	26.77	36.43	39.79	33.60	74.00	-40.40	peak
3	4417.84	6.69	33.50	34.62	38.13	43.70	68.20	-24.50	peak
4	8539.10	9.72	36.50	35.76	39.58	50.04	68.20	-18.16	peak
5	q 10420.00	10.86	37.50	35.76	37.56	50.16	68.20	-18.04	peak
6	15630.00	13.72	41.03	37.50	35.52	52.77	74.00	-21.23	peak



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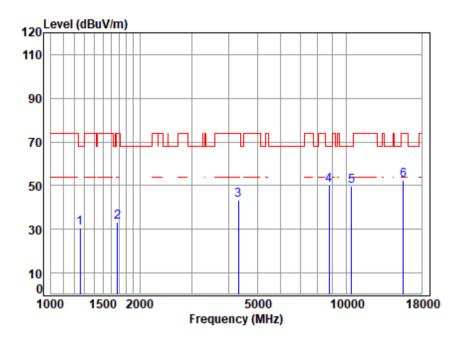


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 203 of 290

Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5210 TX RSE

Note : 5G WIFI 11AC80

OCC	. 50	MATIT	TIACOU						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.51	2.89	24.53	37.54	40.48	30.36	68.20	-37.84	peak
2	1677.62	3.46	26.76	36.45	39.39	33.16	74.00	-40.84	peak
3	4316.86	6.60	33.60	34.55	37.72	43.37	74.00	-30.63	peak
4 q	8738.85	9.90	36.70	35.65	39.38	50.33	68.20	-17.87	peak
5	10420.00	10.86	37.50	35.76	37.15	49.75	68.20	-18.45	peak
6	15630.00	13.72	41.03	37.50	35.33	52.58	74.00	-21.42	peak



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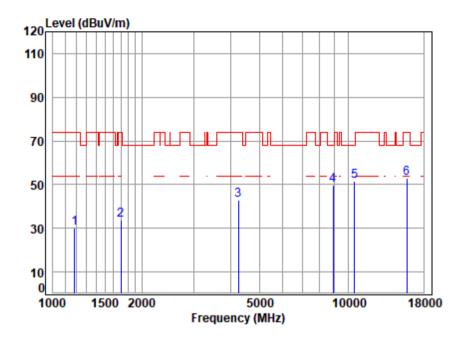


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 204 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5260 TX RSE Note : 5G WIFI 11A

0.0		****							
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1182.51	2.77	24.33	37.77	40.93	30.26	74.00	-43.74	peak
2	1697.13	3.49	26.79	36.41	39.75	33.62	74.00	-40.38	peak
3	4254.92	6.54	33.60	34.51	37.20	42.83	74.00	-31.17	peak
4	8891.73	10.04	36.70	35.56	38.55	49.73	68.20	-18.47	peak
5 q	10520.00								
6	15780.00	13.90	41.26	37.56	35.30	52.90	74.00	-21.10	peak



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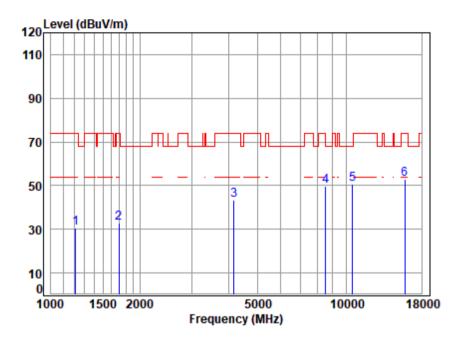


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 205 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5260 TX RSE Note : 5G WIFI 11A

	****	110						
	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1213.68	2.82	24.43	37.67	40.94	30.52	74.00	-43.48	peak
1702.04	3.49	26.80	36.40	38.88	32.77	74.00	-41.23	peak
4169.70	6.45	33.22	34.45	37.91	43.13	74.00	-30.87	peak
8514.46	9.70	36.50	35.78	39.36	49.78	68.20	-18.42	peak
10520.00	10.93	37.52	35.80	38.18	50.83	68.20	-17.37	peak
15780.00	13.90	41.26	37.56	35.30	52.90	74.00	-21.10	peak
	MHz 1213.68 1702.04 4169.70 8514.46 10520.00	Freq Loss MHz dB 1213.68 2.82 1702.04 3.49 4169.70 6.45 8514.46 9.70 10520.00 10.93	Freq Loss Factor MHz dB dB/m 1213.68 2.82 24.43 1702.04 3.49 26.80 4169.70 6.45 33.22 8514.46 9.70 36.50 10520.00 10.93 37.52	Freq Loss Factor Factor MHz dB dB/m dB 1213.68 2.82 24.43 37.67 1702.04 3.49 26.80 36.40 4169.70 6.45 33.22 34.45 8514.46 9.70 36.50 35.78 10520.00 10.93 37.52 35.80	Freq Loss Factor Factor Level MHz dB dB/m dB dBuV 1213.68 2.82 24.43 37.67 40.94 1702.04 3.49 26.80 36.40 38.88 4169.70 6.45 33.22 34.45 37.91 8514.46 9.70 36.50 35.78 39.36 10520.00 10.93 37.52 35.80 38.18	Freq Loss Factor Factor Level Level MHz dB dB/m dB dBuV dBuV/m 1213.68 2.82 24.43 37.67 40.94 30.52 1702.04 3.49 26.80 36.40 38.88 32.77 4169.70 6.45 33.22 34.45 37.91 43.13 8514.46 9.70 36.50 35.78 39.36 49.78 10520.00 10.93 37.52 35.80 38.18 50.83	Freq Loss Factor Factor Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1213.68 2.82 24.43 37.67 40.94 30.52 74.00 1702.04 3.49 26.80 36.40 38.88 32.77 74.00 4169.70 6.45 33.22 34.45 37.91 43.13 74.00 8514.46 9.70 36.50 35.78 39.36 49.78 68.20 10520.00 10.93 37.52 35.80 38.18 50.83 68.20	



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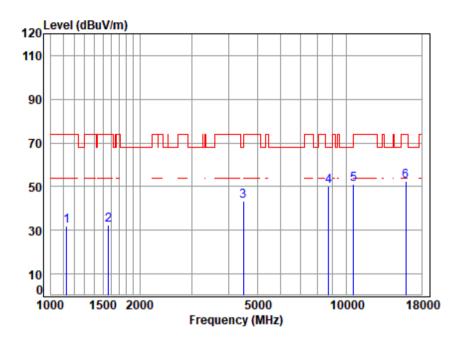


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 206 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5300 TX RSE Note : 5G WIFI 11A

	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1129.07	2.68	24.12	37.94	43.03	31.89	74.00	-42.11	peak
1569.72	3.33	26.14	36.70	39.70	32.47	74.00	-41.53	peak
4495.13	6.77	33.50	34.67	37.73	43.33	68.20	-24.87	peak
8713.63	9.88	36.70	35.66	39.50	50.42	68.20	-17.78	peak
10600.00	10.98	37.60	35.84	38.35	51.09	68.20	-17.11	peak
15900.00	14.04	41.50	37.61	34.74	52.67	74.00	-21.33	peak
	MHz 1129.07 1569.72 4495.13 8713.63 10600.00	Freq Loss MHz dB 1129.07 2.68 1569.72 3.33 4495.13 6.77 8713.63 9.88 10600.00 10.98	Freq Loss Factor MHz dB dB/m 1129.07 2.68 24.12 1569.72 3.33 26.14 4495.13 6.77 33.50 8713.63 9.88 36.70 10600.00 10.98 37.60	Freq Loss Factor Factor MHz dB dB/m dB 1129.07 2.68 24.12 37.94 1569.72 3.33 26.14 36.70 4495.13 6.77 33.50 34.67 8713.63 9.88 36.70 35.66 10600.00 10.98 37.60 35.84	Freq Loss Factor Factor Level MHz dB dB/m dB dBuV 1129.07 2.68 24.12 37.94 43.03 1569.72 3.33 26.14 36.70 39.70 4495.13 6.77 33.50 34.67 37.73 8713.63 9.88 36.70 35.66 39.50 10600.00 10.98 37.60 35.84 38.35	Freq Loss Factor Factor Level Level MHz dB dB/m dB dBuV dBuV/m 1129.07 2.68 24.12 37.94 43.03 31.89 1569.72 3.33 26.14 36.70 39.70 32.47 4495.13 6.77 33.50 34.67 37.73 43.33 8713.63 9.88 36.70 35.66 39.50 50.42 10600.00 10.98 37.60 35.84 38.35 51.09	Freq Loss Factor Factor Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1129.07 2.68 24.12 37.94 43.03 31.89 74.00 1569.72 3.33 26.14 36.70 39.70 32.47 74.00 4495.13 6.77 33.50 34.67 37.73 43.33 68.20 8713.63 9.88 36.70 35.66 39.50 50.42 68.20 10600.00 10.98 37.60 35.84 38.35 51.09 68.20	Cable Ant Preamp Read Limit Over Loss Factor Factor Level Level Line Limit MHz dB dB/m dB dBuV dBuV/m dBuV/m <th< td=""></th<>



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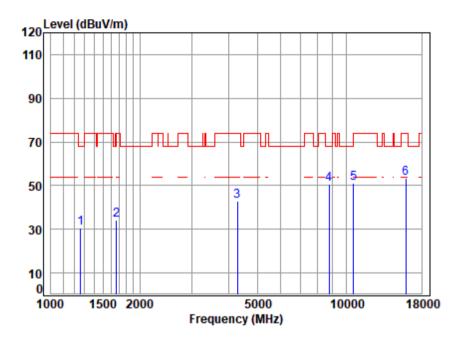


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 207 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5300 TX RSE Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	——dB	
			,						
1	1260.15	2.90	24.54	37.53	40.59	30.50	68.20	-37.70	peak
2	1667.95	3.45	26.74	36.47	40.59	34.31	74.00	-39.69	peak
3	4291.98	6.57	33.60	34.54	37.27	42.90	74.00	-31.10	peak
4	8738.85	9.90	36.70	35.65	39.85	50.80	68.20	-17.40	peak
5	q 10600.00	10.98	37.60	35.84	38.55	51.29	68.20	-16.91	peak
6	15900.00	14.04	41.50	37.61	35.45	53.38	74.00	-20.62	peak



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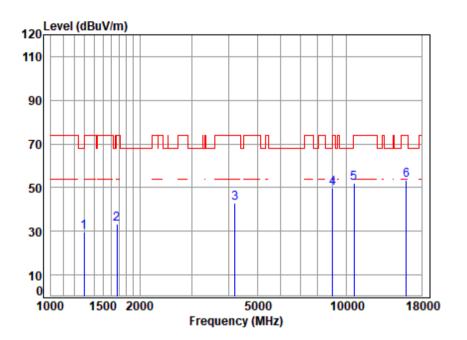


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 208 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5320 TX RSE Note : 5G WIFI 11A

. 50	****	117						
	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1297.10	2.95	24.69	37.42	39.65	29.87	68.20	-38.33	peak
1672.78	3.46	26.75	36.46	39.61	33.36	74.00	-40.64	peak
4193.87	6.48	33.36	34.47	37.70	43.07	74.00	-30.93	peak
								-
10640.00	11.01	37.60	35.85	39.39	52.15	74.00	-21.85	peak
15960.00	14.11	41.56	37.63	35.21	53.25	74.00	-20.75	peak
	MHz 1297.10 1672.78 4193.87 8995.12 10640.00	Freq Loss MHz dB 1297.10 2.95 1672.78 3.46 4193.87 6.48 8995.12 10.13 10640.00 11.01	Freq Loss Factor MHz dB dB/m 1297.10 2.95 24.69 1672.78 3.46 26.75 4193.87 6.48 33.36 8995.12 10.13 36.70 10640.00 11.01 37.60	Freq Loss Factor Factor MHz dB dB/m dB 1297.10 2.95 24.69 37.42 1672.78 3.46 26.75 36.46 4193.87 6.48 33.36 34.47 8995.12 10.13 36.70 35.50 10640.00 11.01 37.60 35.85	Freq Loss Factor Factor Level MHz dB dB/m dB dBuV 1297.10 2.95 24.69 37.42 39.65 1672.78 3.46 26.75 36.46 39.61 4193.87 6.48 33.36 34.47 37.70 8995.12 10.13 36.70 35.50 38.50 10640.00 11.01 37.60 35.85 39.39	Freq Loss Factor Factor Level Level MHz dB dB/m dB dBuV dBuV/m 1297.10 2.95 24.69 37.42 39.65 29.87 1672.78 3.46 26.75 36.46 39.61 33.36 4193.87 6.48 33.36 34.47 37.70 43.07 8995.12 10.13 36.70 35.50 38.50 49.83 10640.00 11.01 37.60 35.85 39.39 52.15	Freq Loss Factor Factor Level Level Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m<	1297.10



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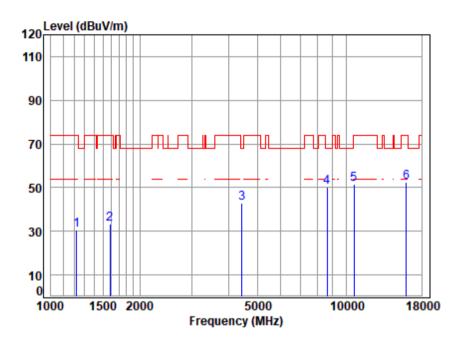


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 209 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5320 TX RSE : 5G WIFI 11A Note

OCC	. 50	AATI T	114						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1220.71	2.83	24.44	37.65	41.09	30.71	74.00	-43.29	peak
2	1583.39	3.35	26.30	36.67	40.28	33.26	74.00	-40.74	peak
3	4443.45	6.72	33.50	34.64	37.18	42.76	68.20	-25.44	peak
4 q	8613.47	9.79	36.60	35.72	39.49	50.16	68.20	-18.04	peak
5	10640.00	11.01	37.60	35.85	38.62	51.38	74.00	-22.62	peak
6	15960.00	14.11	41.56	37.63	34.60	52.64	74.00	-21.36	peak



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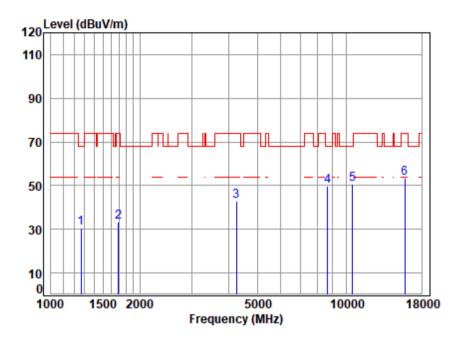


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 210 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5260 TX RSE Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1263.80	2.90	24.56	37.52	40.50	30.44	68.20	-37.76	peak
2	1692.23	3.48	26.78	36.42	39.61	33.45	74.00	-40.55	peak
3	4254.92	6.54	33.60	34.51	37.36	42.99	74.00	-31.01	peak
4	8638.40	9.81	36.60	35.71	39.05	49.75	68.20	-18.45	peak
5 q	10520.00	10.93	37.52	35.80	38.18	50.83	68.20	-17.37	peak
6	15780.00	13.90	41.26	37.56	35.63	53.23	74.00	-20.77	peak



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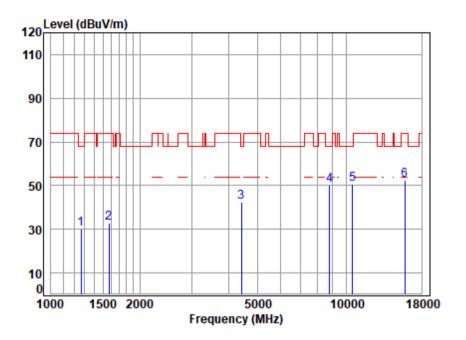


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 211 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5260 TX RSE Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	d Bu V/m	dBuV/m	dB	
1	1263.80	2.90	24.56	37.52	39.99	29.93	68.20	-38.27	peak
2	1574.27	3.34	26.19	36.69	40.07	32.91	74.00	-41.09	peak
3	4417.84	6.69	33.50	34.62	37.07	42.64	68.20	-25.56	peak
4	8789.52	9.95	36.70	35.62	39.19	50.22	68.20	-17.98	peak
5 0	10520.00	10.93	37.52	35.80	37.94	50.59	68.20	-17.61	peak
6	15780.00	13.90	41.26	37.56	35.07	52.67	74.00	-21.33	peak



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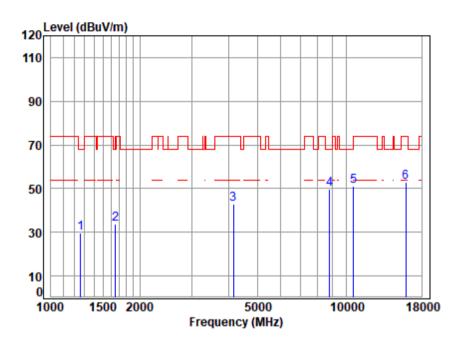


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 212 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5300 TX RSE Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1260.15	2.90	24.54	37.53	39.95	29.86	68.20	-38.34	peak
2	1653.55	3.43	26.71	36.51	40.35	33.98	68.20	-34.22	peak
3	4157.66	6.44	33.15	34.44	37.72	42.87	74.00	-31.13	peak
4	8789.52	9.95	36.70	35.62	38.51	49.54	68.20	-18.66	peak
5 q	10600.00	10.98	37.60	35.84	38.50	51.24	68.20	-16.96	peak
6	15900.00	14.04	41.50	37.61	35.01	52.94	74.00	-21.06	peak



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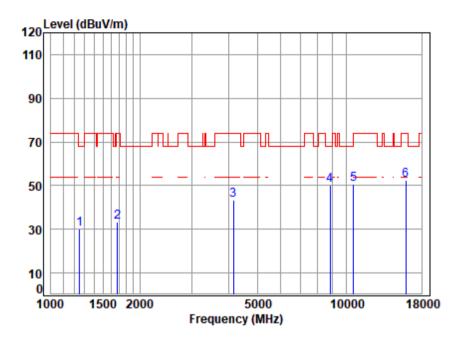


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 213 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5300 TX RSE Note : 5G WIFI 11N20

		****	111120						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.89	2.89	24.51	37.55	40.18	30.03	68.20	-38.17	peak
2	1682.48	3.47	26.77	36.44	39.63	33.43	74.00	-40.57	peak
3	4145.66	6.43	33.09	34.43	38.31	43.40	74.00	-30.60	peak
4	8814.96	9.97	36.70	35.60	38.90	49.97	68.20	-18.23	peak
5 q	10600.00	10.98	37.60	35.84	37.75	50.49	68.20	-17.71	peak
6	15900.00	14.04	41.50	37.61	34.74	52.67	74.00	-21.33	peak



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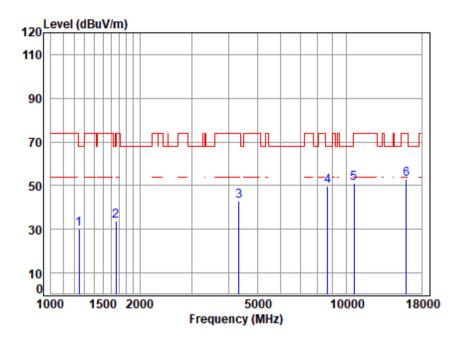


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 214 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5320 TX RSE Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1245.66	2.87	24.49	37.57	40.49	30.28	68.20	-37.92	peak
2	1658.34	3.44	26.72	36.50	40.23	33.89	68.20	-34.31	peak
3	4329.35	6.61	33.60	34.56	37.01	42.66	74.00	-31.34	peak
4 (q 8663.40	9.84	36.63	35.69	39.01	49.79	68.20	-18.41	peak
5	10640.00	11.01	37.60	35.85	38.50	51.26	74.00	-22.74	peak
6	15960.00	14.11	41.56	37.63	35.02	53.06	74.00	-20.94	peak



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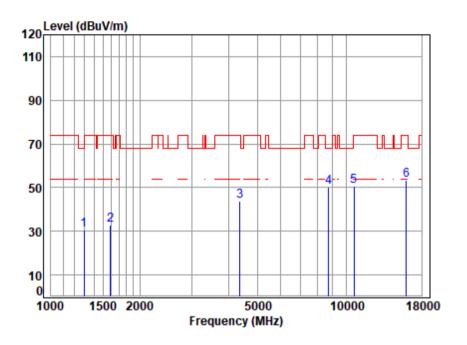


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 215 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5320 TX RSE Note : 5G WIFI 11N20

	***	111120						
	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1293.36	2.95	24.67	37.43	40.59	30.78	68.20	-37.42	peak
1592.57	3.36	26.41	36.65	39.89	33.01	74.00	-40.99	peak
4367.06	6.65	33.57	34.59	38.31	43.94	74.00	-30.06	peak
q 8713.63	9.88	36.70	35.66	39.11	50.03	68.20	-18.17	peak
10640.00	11.01	37.60	35.85	37.85	50.61	74.00	-23.39	peak
15960.00	14.11	41.56	37.63	35.18	53.22	74.00	-20.78	peak
	MHz 1293.36 1592.57 4367.06 9 8713.63 10640.00	MHz dB 1293.36 2.95 1592.57 3.36 4367.06 6.65 q 8713.63 9.88 10640.00 11.01	Freq Loss Factor MHz dB dB/m 1293.36 2.95 24.67 1592.57 3.36 26.41 4367.06 6.65 33.57 9.88 36.70 10640.00 11.01 37.60	Freq Loss Factor Factor MHz dB dB/m dB 1293.36 2.95 24.67 37.43 1592.57 3.36 26.41 36.65 4367.06 6.65 33.57 34.59 9.88 36.70 35.66 10640.00 11.01 37.60 35.85	Freq Loss Factor Factor Level MHz dB dB/m dB dBuV 1293.36 2.95 24.67 37.43 40.59 1592.57 3.36 26.41 36.65 39.89 4367.06 6.65 33.57 34.59 38.31 48713.63 9.88 36.70 35.66 39.11 10640.00 11.01 37.60 35.85 37.85	Freq Loss Factor Factor Level Level MHz dB dB/m dB dBuV dBuV/m 1293.36 2.95 24.67 37.43 40.59 30.78 1592.57 3.36 26.41 36.65 39.89 33.01 4367.06 6.65 33.57 34.59 38.31 43.94 48713.63 9.88 36.70 35.66 39.11 50.03 10640.00 11.01 37.60 35.85 37.85 50.61	Freq Loss Factor Factor Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1293.36 2.95 24.67 37.43 40.59 30.78 68.20 1592.57 3.36 26.41 36.65 39.89 33.01 74.00 4367.06 6.65 33.57 34.59 38.31 43.94 74.00 9 8713.63 9.88 36.70 35.66 39.11 50.03 68.20 10640.00 11.01 37.60 35.85 37.85 50.61 74.00	Cable Ant Preamp Read Limit Over Freq Loss Factor Factor Level Level Line Limit MHz dB dB/m dB dBuV dBuV/m dBuV/m dBuV/m dB 1293.36 2.95 24.67 37.43 40.59 30.78 68.20 -37.42 1592.57 3.36 26.41 36.65 39.89 33.01 74.00 -40.99 4367.06 6.65 33.57 34.59 38.31 43.94 74.00 -30.06 8713.63 9.88 36.70 35.66 39.11 50.03 68.20 -18.17 10640.00 11.01 37.60 35.85 37.85 50.61 74.00 -23.39 15960.00 14.11 41.56 37.63 35.18 53.22 74.00 -20.78



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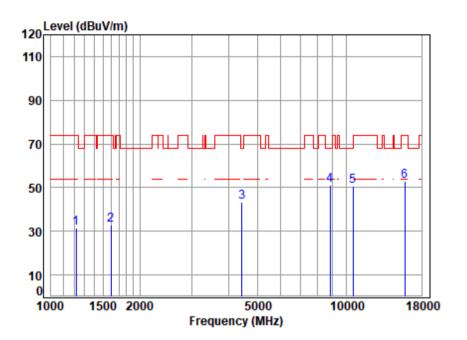


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 216 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5270 TX RSE Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1217.19	2.83	24.43	37.66	41.66	31.26	74.00	-42.74	peak
2	1597.18	3.37	26.47	36.64	39.66	32.86	74.00	-41.14	peak
3	4430.63	6.71	33.50	34.63	37.69	43.27	68.20	-24.93	peak
4 0	8814.96	9.97	36.70	35.60	40.23	51.30	68.20	-16.90	peak
5	10540.00	10.94	37.54	35.81	37.96	50.63	68.20	-17.57	peak
6	15810.00	13.93	41.32	37.58	35.04	52.71	74.00	-21.29	peak



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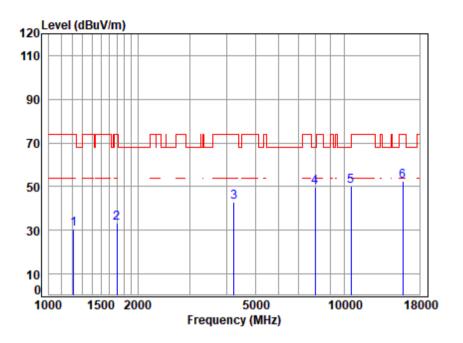


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 217 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5270 TX RSE Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1213.68	2.82	24.43	37.67	41.12	30.70	74.00	-43.30	peak
2	1697.13	3.49	26.79	36.41	39.65	33.52	74.00	-40.48	peak
3	4230.40	6.51	33.52	34.49	37.50	43.04	74.00	-30.96	peak
4	7989.89	9.21	36.20	36.09	40.63	49.95	68.20	-18.25	peak
5 (10540.00								•
6	15810.00	13.93	41.32	37.58	34.77	52.44	74.00	-21.56	peak



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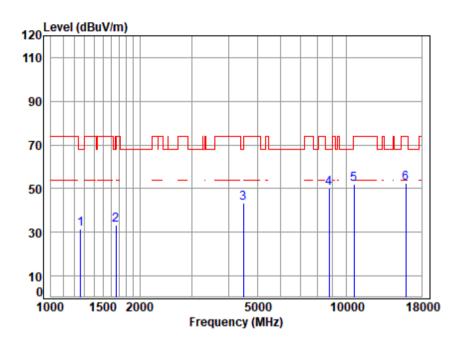


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 218 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5310 TX RSE Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1260.15	2.90	24.54	37.53	41.42	31.33	68.20	-36.87	peak
2	1663.14	3.45	26.73	36.48	39.58	33.28	74.00	-40.72	peak
3	4482.15	6.75	33.50	34.66	37.87	43.46	68.20	-24.74	peak
4 0	8738.85	9.90	36.70	35.65	39.13	50.08	68.20	-18.12	peak
5	10620.00	11.00	37.60	35.85	39.36	52.11	74.00	-21.89	peak
6	15930.00	14.08	41.53	37.62	34.57	52.56	74.00	-21.44	peak



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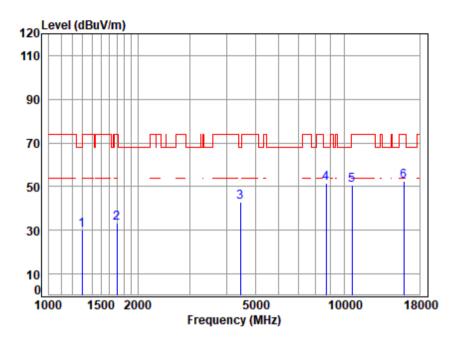


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 219 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5310 TX RSE Note : 5G WIFI 11N40

		****	111110						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1293.36	2.95	24.67	37.43	39.92	30.11	68.20	-38.09	peak
2	1702.04	3.49	26.80	36.40	39.45	33.34	74.00	-40.66	peak
3	4456.32	6.73	33.50	34.64	37.45	43.04	68.20	-25.16	peak
4 0	8688.48	9.86	36.68	35.68	40.48	51.34	68.20	-16.86	peak
5	10620.00	11.00	37.60	35.85	38.10	50.85	74.00	-23.15	peak
6	15930.00	14.08	41.53	37.62	34.56	52.55	74.00	-21.45	peak



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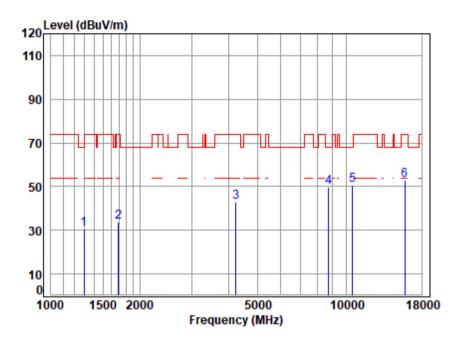


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 220 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5260 TX RSE Note : 5G WIFI 11AC20

Cable Ant Preamp Read Limit Over Freq Loss Factor Factor Level Level Line Limit Remark

	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1293.36	2.95	24.67	37.43	40.24	30.43	68.20	-37.77	peak
2	1692.23	3.48	26.78	36.42	40.08	33.92	74.00	-40.08	peak
3	4230.40	6.51	33.52	34.49	37.45	42.99	74.00	-31.01	peak
4	8713.63	9.88	36.70	35.66	38.69	49.61	68.20	-18.59	peak
5 q	10520.00	10.93	37.52	35.80	37.96	50.61	68.20	-17.59	peak
6	15780.00	13.90	41.26	37.56	35.39	52.99	74.00	-21.01	peak



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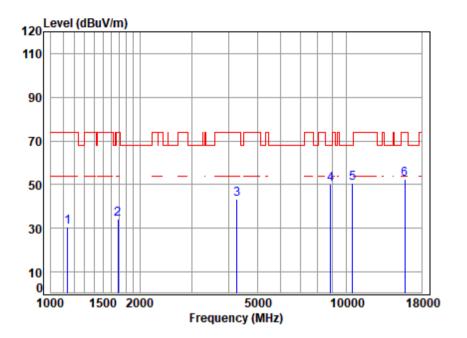


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 221 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5260 TX RSE

Note: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1138.90	2.70	24.16	37.91	41.58	30.53	74.00	-43.47	peak
2	1687.35	3.47	26.77	36.43	40.20	34.01	74.00	-39.99	peak
3	4267.24	6.55	33.60	34.52	37.51	43.14	74.00	-30.86	peak
4	8866.06	10.01	36.70	35.58	38.85	49.98	68.20	-18.22	peak
5 q	10520.00	10.93	37.52	35.80	38.14	50.79	68.20	-17.41	peak
6	15780.00	13.90	41.26	37.56	34.99	52.59	74.00	-21.41	peak



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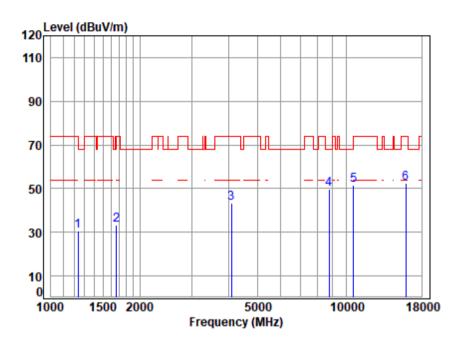


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 222 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5300 TX RSE Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	-									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
			,							
1	1234.91	2.86	24.47	37.61	40.77	30.49	74.00	-43.51	neak	
2									•	
_									•	
3	4086.18	6.37	32.97	34.39	38.33	43.28	74.00	-30.72	peak	
4	8764.15	9.92	36.70	35.63	38.81	49.80	68.20	-18.40	peak	
5	q 10600.00	10.98	37.60	35.84	38.67	51.41	68.20	-16.79	peak	
6	15900.00	14.04	41.50	37.61	34.51	52.44	74.00	-21.56	peak	



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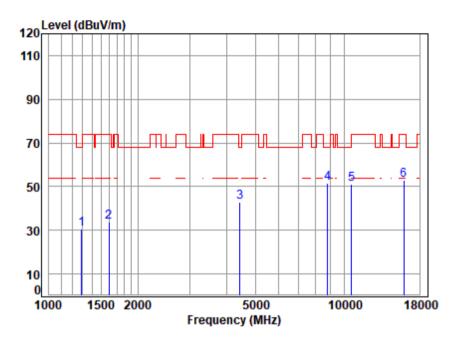


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 223 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5300 TX RSE

Note : 5G WIFI 11AC20

	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1289.63	2.94	24.66	37.44	40.21	30.37	68.20	-37.83	peak
1597.18	3.37	26.47	36.64	40.47	33.67	74.00	-40.33	peak
4443.45	6.72	33.50	34.64	37.44	43.02	68.20	-25.18	peak
q 8789.52	9.95	36.70	35.62	40.46	51.49	68.20	-16.71	peak
10600.00	10.98	37.60	35.84	38.19	50.93	68.20	-17.27	peak
15900.00	14.04	41.50	37.61	34.98	52.91	74.00	-21.09	peak
	MHz 1289.63 1597.18 4443.45 4 8789.52 10600.00	MHz dB 1289.63 2.94 1597.18 3.37 4443.45 6.72 8789.52 9.95 10600.00 10.98	Freq Loss Factor MHz dB dB/m 1289.63 2.94 24.66 1597.18 3.37 26.47 4443.45 6.72 33.50 4 8789.52 9.95 36.70 10600.00 10.98 37.60	Freq Loss Factor Factor MHz dB dB/m dB 1289.63 2.94 24.66 37.44 1597.18 3.37 26.47 36.64 4443.45 6.72 33.50 34.64 8789.52 9.95 36.70 35.62 10600.00 10.98 37.60 35.84	Freq Loss Factor Factor Level MHz dB dB/m dB dBuV 1289.63 2.94 24.66 37.44 40.21 1597.18 3.37 26.47 36.64 40.47 4443.45 6.72 33.50 34.64 37.44 48789.52 9.95 36.70 35.62 40.46 10600.00 10.98 37.60 35.84 38.19	Freq Loss Factor Factor Level Level MHz dB dB/m dB dBuV dBuV/m 1289.63 2.94 24.66 37.44 40.21 30.37 1597.18 3.37 26.47 36.64 40.47 33.67 4443.45 6.72 33.50 34.64 37.44 43.02 8789.52 9.95 36.70 35.62 40.46 51.49 10600.00 10.98 37.60 35.84 38.19 50.93	Freq Loss Factor Factor Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1289.63 2.94 24.66 37.44 40.21 30.37 68.20 1597.18 3.37 26.47 36.64 40.47 33.67 74.00 4443.45 6.72 33.50 34.64 37.44 43.02 68.20 48789.52 9.95 36.70 35.62 40.46 51.49 68.20 10600.00 10.98 37.60 35.84 38.19 50.93 68.20	



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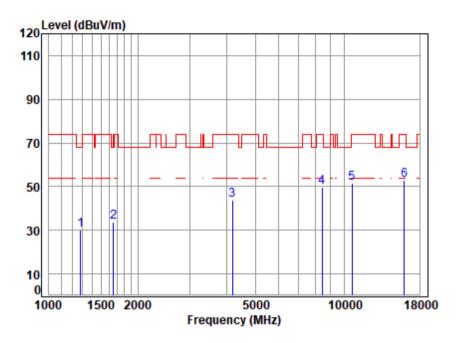


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 224 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5320 TX RSE

Note : 5G WIFI 11AC20

000		****	TIMELU						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1278.49	2.93	24.61	37.47	40.25	30.32	68.20	-37.88	peak
2	1653.55	3.43	26.71	36.51	40.09	33.72	68.20	-34.48	peak
3	4181.77	6.47	33.29	34.46	38.32	43.62	74.00	-30.38	peak
4	8416.58	9.61	36.40	35.84	39.73	49.90	74.00	-24.10	peak
5	10640.00								-
6	q 15960.00	14.11	41.56	37.63	34.89	52.93	74.00	-21.07	peak



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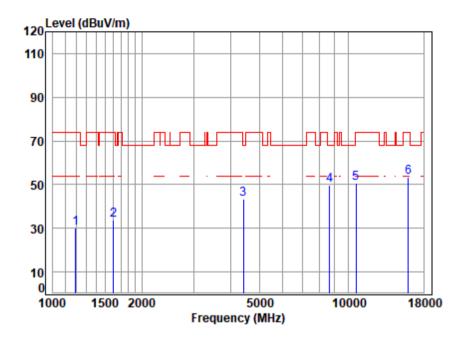


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 225 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5320 TX RSE Note : 5G WIFI 11AC20

Cable Ant Preamp Read Limit Over

			Capte	Ant	Preamp	Kead		Limit	Over	
		Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1		1192.81	2.79	24.37	37.74	40.82	30.24	74.00	-43.76	peak
2		1606.44	3.38	26.53	36.62	40.47	33.76	74.00	-40.24	peak
3		4417.84	6.69	33.50	34.62	37.58	43.15	68.20	-25.05	peak
4	q	8638.40	9.81	36.60	35.71	39.01	49.71	68.20	-18.49	peak
5		10640.00	11.01	37.60	35.85	38.07	50.83	74.00	-23.17	peak
6		15960.00	14.11	41.56	37.63	35.23	53.27	74.00	-20.73	peak



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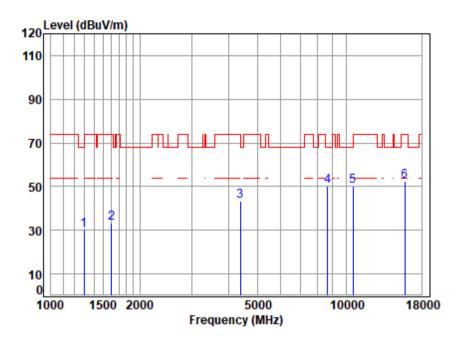


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 226 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5270 TX RSE

Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1293.36	2.95	24.67	37.43	40.13	30.32	68.20	-37.88	peak
2	1601.80	3.37	26.51	36.63	40.13	33.38	74.00	-40.62	peak
3	4379.70	6.66	33.54	34.59	37.55	43.16	74.00	-30.84	peak
4 q	8663.40	9.84	36.63	35.69	39.41	50.19	68.20	-18.01	peak
5	10540.00	10.94	37.54	35.81	37.41	50.08	68.20	-18.12	peak
6	15810.00	13.93	41.32	37.58	35.00	52.67	74.00	-21.33	peak



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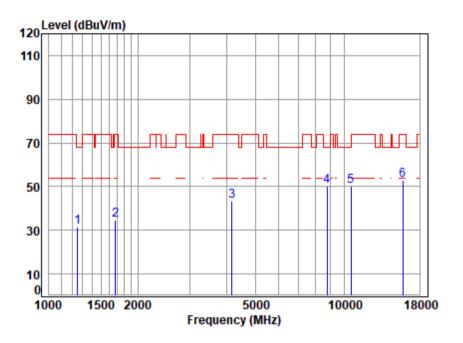


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 227 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5270 TX RSE

Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.89	2.89	24.51	37.55	41.55	31.40	68.20	-36.80	peak
2	1682.48	3.47	26.77	36.44	40.87	34.67	74.00	-39.33	peak
3	4169.70	6.45	33.22	34.45	38.17	43.39	74.00	-30.61	peak
4	8764.15	9.92	36.70	35.63	39.02	50.01	68.20	-18.19	peak
5 q	10540.00	10.94	37.54	35.81	37.39	50.06	68.20	-18.14	peak
6	15810.00	13.93	41.32	37.58	35.37	53.04	74.00	-20.96	peak



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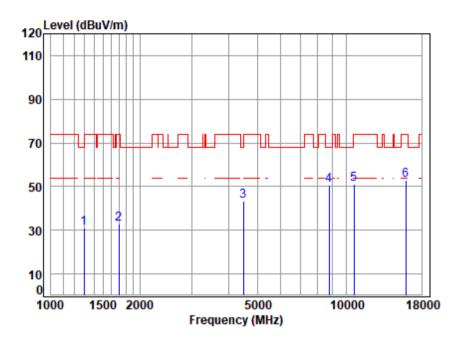


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 228 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5310 TX RSE Note : 5G WIFI 11AC40

Cable Ant Preamp Read Limit 0ver

	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1297.10	2.95	24.69	37.42	40.74	30.96	68.20	-37.24	peak
2	1697.13	3.49	26.79	36.41	39.14	33.01	74.00	-40.99	peak
3	4495.13	6.77	33.50	34.67	37.61	43.21	68.20	-24.99	peak
4 q	8738.85	9.90	36.70	35.65	39.81	50.76	68.20	-17.44	peak
5	10620.00	11.00	37.60	35.85	38.33	51.08	74.00	-22.92	peak
6	15930.00	14.08	41.53	37.62	35.12	53.11	74.00	-20.89	peak



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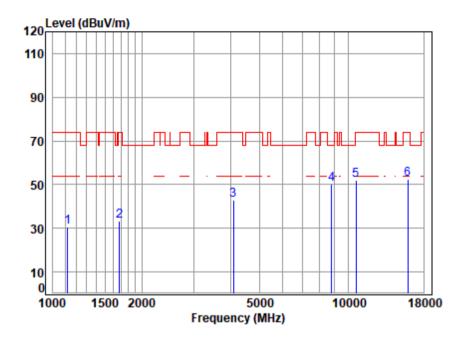


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 229 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5310 TX RSE

Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1122.56	2.67	24.09	37.96	41.66	30.46	74.00	-43.54	peak
2	1682.48	3.47	26.77	36.44	39.56	33.36	74.00	-40.64	peak
3	4086.18	6.37	32.97	34.39	37.87	42.82	74.00	-31.18	peak
4 0	8789.52	9.95	36.70	35.62	39.01	50.04	68.20	-18.16	peak
5	10620.00	11.00	37.60	35.85	39.21	51.96	74.00	-22.04	peak
6	15930.00	14.08	41.53	37.62	34.60	52.59	74.00	-21.41	peak



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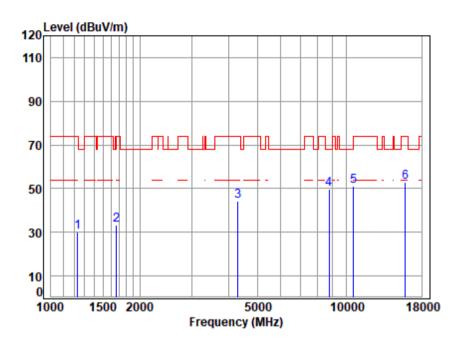


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 230 of 290

Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5290 TX RSE

Note : 5G WIFI 11AC80

0.0		****	11/1000						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.35	2.85	24.46	37.62	40.59	30.28	74.00	-43.72	peak
2	1667.95	3.45	26.74	36.47	39.74	33.46	74.00	-40.54	peak
3	4304.40	6.59	33.60	34.54	38.58	44.23	74.00	-29.77	peak
4	8738.85	9.90	36.70	35.65	38.84	49.79	68.20	-18.41	peak
5 q	10580.00	10.97	37.58	35.83	38.25	50.97	68.20	-17.23	peak
6	15870.00	14.01	41.44	37.60	34.92	52.77	74.00	-21.23	peak



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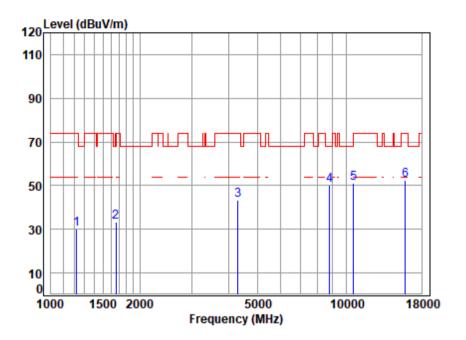


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 231 of 290

Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5290 TX RSE

Note : 5G WIFI 11AC80

	****	11/1000						
	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1220.71	2.83	24.44	37.65	40.30	29.92	74.00	-44.08	peak
1663.14	3.45	26.73	36.48	39.70	33.40	74.00	-40.60	peak
4304.40	6.59	33.60	34.54	37.61	43.26	74.00	-30.74	peak
8789.52	9.95	36.70	35.62	39.29	50.32	68.20	-17.88	peak
10580.00	10.97	37.58	35.83	38.41	51.13	68.20	-17.07	peak
15870.00	14.01	41.44	37.60	34.69	52.54	74.00	-21.46	peak
	MHz 1220.71 1663.14 4304.40 8789.52 10580.00	Freq Loss MHz dB 1220.71 2.83 1663.14 3.45 4304.40 6.59 8789.52 9.95 10580.00 10.97	Freq Loss Factor MHz dB dB/m 1220.71 2.83 24.44 1663.14 3.45 26.73 4304.40 6.59 33.60 8789.52 9.95 36.70 10580.00 10.97 37.58	Freq Loss Factor Factor MHz dB dB/m dB 1220.71 2.83 24.44 37.65 1663.14 3.45 26.73 36.48 4304.40 6.59 33.60 34.54 8789.52 9.95 36.70 35.62 10580.00 10.97 37.58 35.83	Freq Loss Factor Factor Level MHz dB dB/m dB dBuV 1220.71 2.83 24.44 37.65 40.30 1663.14 3.45 26.73 36.48 39.70 4304.40 6.59 33.60 34.54 37.61 8789.52 9.95 36.70 35.62 39.29 10580.00 10.97 37.58 35.83 38.41	Freq Loss Factor Factor Level Level MHz dB dB/m dB dBuV dBuV/m 1220.71 2.83 24.44 37.65 40.30 29.92 1663.14 3.45 26.73 36.48 39.70 33.40 4304.40 6.59 33.60 34.54 37.61 43.26 8789.52 9.95 36.70 35.62 39.29 50.32 10580.00 10.97 37.58 35.83 38.41 51.13	Freq Loss Factor Factor Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1220.71 2.83 24.44 37.65 40.30 29.92 74.00 1663.14 3.45 26.73 36.48 39.70 33.40 74.00 4304.40 6.59 33.60 34.54 37.61 43.26 74.00 8789.52 9.95 36.70 35.62 39.29 50.32 68.20 10580.00 10.97 37.58 35.83 38.41 51.13 68.20	Cable Ant Preamp Read Limit Over Loss Factor Factor Level Level Line Limit MHz dB dB/m dB dBuV dBuV/m dBuV/m dBuV/m dB 1220.71 2.83 24.44 37.65 40.30 29.92 74.00 -44.08 1663.14 3.45 26.73 36.48 39.70 33.40 74.00 -40.60 4304.40 6.59 33.60 34.54 37.61 43.26 74.00 -30.74 8789.52 9.95 36.70 35.62 39.29 50.32 68.20 -17.88 10580.00 10.97 37.58 35.83 38.41 51.13 68.20 -17.07 15870.00 14.01 41.44 37.60 34.69 52.54 74.00 -21.46



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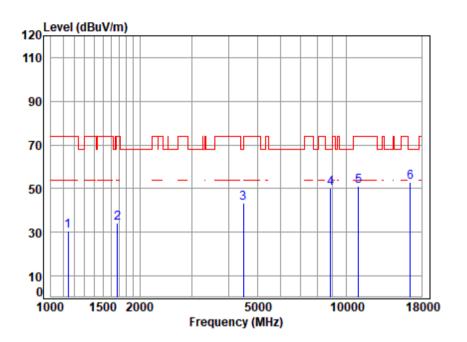


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 232 of 290

Test Mode: 20; Polarity: Horizontal; Modulation: 802.11a; Bandwidth: 20MHz; Channel: Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5500 TX RSE Note : 5G WIFI 11A

	****	110						
	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1142.20	2.70	24.17	37.90	41.61	30.58	74.00	-43.42	peak
1677.62	3.46	26.76	36.45	40.37	34.14	74.00	-39.86	peak
4482.15	6.75	33.50	34.66	37.54	43.13	68.20	-25.07	peak
8866.06	10.01	36.70	35.58	39.06	50.19	68.20	-18.01	peak
								-
q 16500.00	14.16	42.40	37.56	33.88	52.88	68.20	-15.32	peak
	MHz 1142.20 1677.62 4482.15 8866.06 11000.00	Cable Loss MHz dB 1142.20 2.70 1677.62 3.46 4482.15 6.75 8866.06 10.01 11000.00 11.26	Cable Ant Loss Factor MHz dB dB/m 1142.20 2.70 24.17 1677.62 3.46 26.76 4482.15 6.75 33.50 8866.06 10.01 36.70 11000.00 11.26 37.70	Cable Ant Preamp Loss Factor Factor MHz dB dB/m dB 1142.20 2.70 24.17 37.90 1677.62 3.46 26.76 36.45 4482.15 6.75 33.50 34.66 8866.06 10.01 36.70 35.58 11000.00 11.26 37.70 36.00	Cable Loss Factor Factor Read Level MHz dB dB/m dB dBuV 1142.20 2.70 24.17 37.90 41.61 1677.62 3.46 26.76 36.45 40.37 4482.15 6.75 33.50 34.66 37.54 8866.06 10.01 36.70 35.58 39.06 11000.00 11.26 37.70 36.00 38.18	Cable Ant Preamp Read Freq Loss Factor Factor Level Level MHz dB dB/m dB dBuV dBuV/m 1142.20 2.70 24.17 37.90 41.61 30.58 1677.62 3.46 26.76 36.45 40.37 34.14 4482.15 6.75 33.50 34.66 37.54 43.13 8866.06 10.01 36.70 35.58 39.06 50.19 11000.00 11.26 37.70 36.00 38.18 51.14	Cable Ant Preamp Read Limit Freq Loss Factor Factor Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1142.20 2.70 24.17 37.90 41.61 30.58 74.00 1677.62 3.46 26.76 36.45 40.37 34.14 74.00 4482.15 6.75 33.50 34.66 37.54 43.13 68.20 8866.06 10.01 36.70 35.58 39.06 50.19 68.20 11000.00 11.26 37.70 36.00 38.18 51.14 74.00	Cable Ant Preamp Freq Loss Factor Factor Level Level Limit Over Loss Factor Factor Level Level Limit Limit MHz dB dB/m dB dBuV dBuV/m dBuV/m dBuV/m dB 1142.20 2.70 24.17 37.90 41.61 30.58 74.00 -43.42 1677.62 3.46 26.76 36.45 40.37 34.14 74.00 -39.86 4482.15 6.75 33.50 34.66 37.54 43.13 68.20 -25.07



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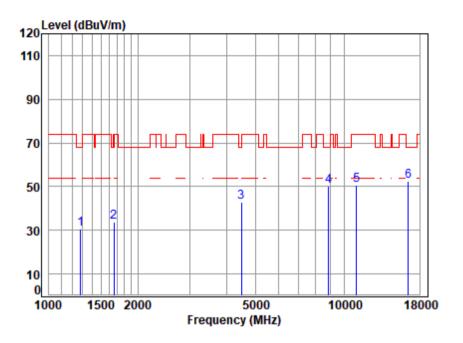


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 233 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5500 TX RSE Note : 5G WIFI 11A

occ	. 50	AATI T	114						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.19	2.93	24.63	37.46	40.38	30.48	68.20	-37.72	peak
2	1658.34	3.44	26.72	36.50	40.10	33.76	68.20	-34.44	peak
3	4495.13	6.77	33.50	34.67	37.23	42.83	68.20	-25.37	peak
4	8866.06	10.01	36.70	35.58	39.00	50.13	68.20	-18.07	peak
5	11000.00	11.26	37.70	36.00	37.68	50.64	74.00	-23.36	peak
6 0	16500.00	14.16	42.40	37.56	33.51	52.51	68.20	-15.69	peak



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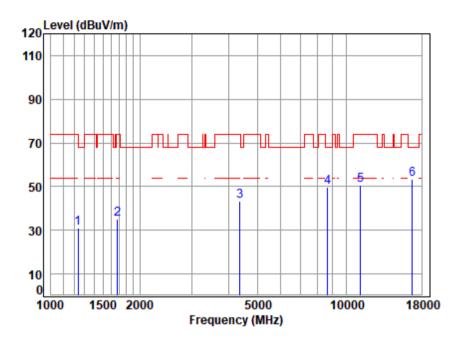


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 234 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5580 TX RSE Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB		dB		dBu\//m	dBuV/m	——dB	
	PHIZ	ub	ub/III	ub	ubuv	ubuv/III	ubuv/III	ub	
1	1238.48	2.86	24.48	37.59	41.48	31.23	74.00	-42.77	peak
2	1677.62	3.46	26.76	36.45	41.38	35.15	74.00	-38.85	peak
3	4367.06	6.65	33.57	34.59	37.52	43.15	74.00	-30.85	peak
4	8638.40	9.81	36.60	35.71	39.00	49.70	68.20	-18.50	peak
5	11160.00	11.36	37.80	36.10	37.66	50.72	74.00	-23.28	peak
6	q 16740.00	14.16	42.80	37.52	33.96	53.40	68.20	-14.80	peak



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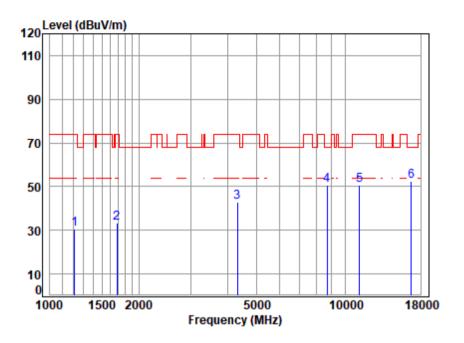


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 235 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5580 TX RSE Note : 5G WIFI 11A

occ	. 50	AATI T	114						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1213.68	2.82	24.43	37.67	40.86	30.44	74.00	-43.56	peak
2	1687.35	3.47	26.77	36.43	39.56	33.37	74.00	-40.63	peak
3	4316.86	6.60	33.60	34.55	37.33	42.98	74.00	-31.02	peak
4	8688.48	9.86	36.68	35.68	39.95	50.81	68.20	-17.39	peak
5	11160.00	11.36	37.80	36.10	37.73	50.79	74.00	-23.21	peak
6 (16740.00	14.16	42.80	37.52	33.16	52.60	68.20	-15.60	peak



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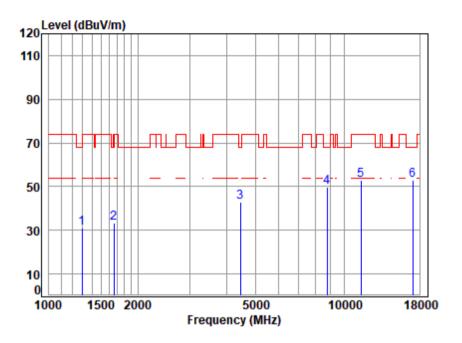


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 236 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5700 TX RSE Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1293.36	2.95	24.67	37.43	40.65	30.84	68.20	-37.36	peak
2	1663.14	3.45	26.73	36.48	39.66	33.36	74.00	-40.64	peak
3	4456.32	6.73	33.50	34.64	37.24	42.83	68.20	-25.37	peak
4	8738.85	9.90	36.70	35.65	38.97	49.92	68.20	-18.28	peak
5	11400.00	11.52	37.90	36.24	39.55	52.73	74.00	-21.27	peak
6	q 17100.00	14.17	43.10	37.47	33.29	53.09	68.20	-15.11	peak



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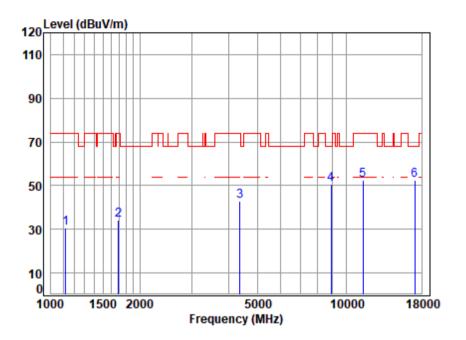


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 237 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5700 TX RSE : 5G WIFI 11A Note

occ	. 50	AATI T	114						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1122.56	2.67	24.09	37.96	41.78	30.58	74.00	-43.42	peak
2	1692.23	3.48	26.78	36.42	40.42	34.26	74.00	-39.74	peak
3	4367.06	6.65	33.57	34.59	37.37	43.00	74.00	-31.00	peak
4	8891.73	10.04	36.70	35.56	39.26	50.44	68.20	-17.76	peak
5	11400.00	11.52	37.90	36.24	39.15	52.33	74.00	-21.67	peak
6 0	17100.00	14.17	43.10	37.47	32.68	52.48	68.20	-15.72	peak



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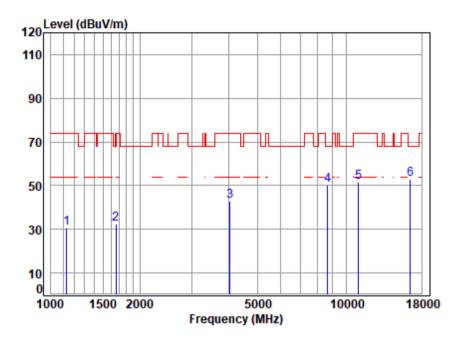


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 238 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5500 TX RSE Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1132.34	2.69	24.13	37.93	41.73	30.62	74.00	-43.38	peak
2	1663.14	3.45	26.73	36.48	38.83	32.53	74.00	-41.47	peak
3	4039.21	6.32	32.86	34.36	38.01	42.83	74.00	-31.17	peak
4	8638.40	9.81	36.60	35.71	39.53	50.23	68.20	-17.97	peak
5	11000.00	11.26	37.70	36.00	38.65	51.61	74.00	-22.39	peak
6	q 16500.00	14.16	42.40	37.56	34.09	53.09	68.20	-15.11	peak



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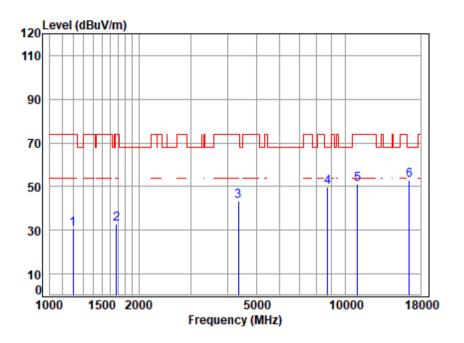


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 239 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5500 TX RSE Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1199.73	2.80	24.40	37.71	40.96	30.45	74.00	-43.55	peak	
2	1677.62	3.46	26.76	36.45	39.12	32.89	74.00	-41.11	peak	
3	4354.45	6.63	33.59	34.58	37.90	43.54	74.00	-30.46	peak	
4	8713.63	9.88	36.70	35.66	38.85	49.77	68.20	-18.43	peak	
5	11000.00	11.26	37.70	36.00	38.12	51.08	74.00	-22.92	peak	
6 q	16500.00	14.16	42.40	37.56	34.01	53.01	68.20	-15.19	peak	



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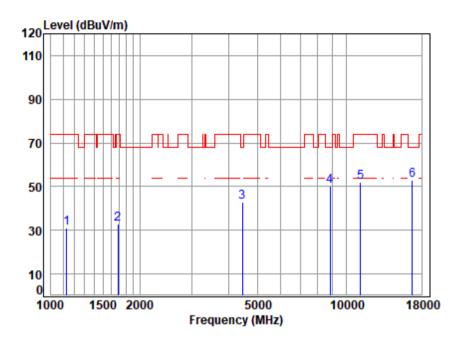


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 240 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5580 TX RSE Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1132.34	2.69	24.13	37.93	42.36	31.25	74.00	-42.75	peak
2	1687.35	3.47	26.77	36.43	38.93	32.74	74.00	-41.26	peak
3	4456.32	6.73	33.50	34.64	37.32	42.91	68.20	-25.29	peak
4	8814.96	9.97	36.70	35.60	38.90	49.97	68.20	-18.23	peak
5	11160.00	11.36	37.80	36.10	39.01	52.07	74.00	-21.93	peak
6	q 16740.00	14.16	42.80	37.52	33.32	52.76	68.20	-15.44	peak



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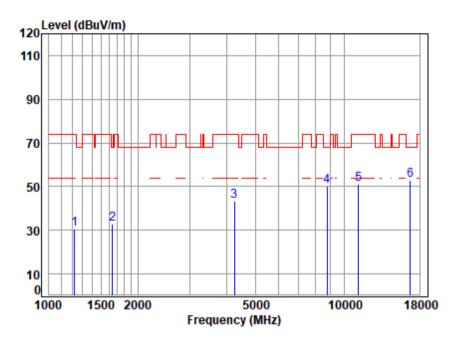


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 241 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5580 TX RSE Note : 5G WIFI 11N20

•••		****	111120						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1224.25	2.84	24.45	37.64	41.08	30.73	74.00	-43.27	peak
2	1639.27	3.42	26.66	36.54	39.51	33.05	68.20	-35.15	peak
3	4242.64	6.53	33.57	34.50	37.73	43.33	74.00	-30.67	peak
4	8738.85	9.90	36.70	35.65	39.10	50.05	68.20	-18.15	peak
5	11160.00	11.36	37.80	36.10	38.05	51.11	74.00	-22.89	peak
6	q 16740.00	14.16	42.80	37.52	33.49	52.93	68.20	-15.27	peak



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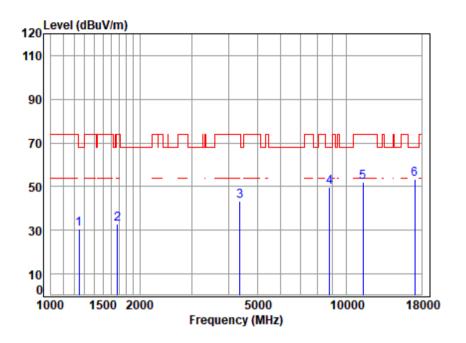


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 242 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5700 TX RSE Note : 5G WIFI 11N20

		Freq			Preamp Factor					Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1		1245.66	2.87	24.49	37.57	40.73	30.52	68.20	-37.68	peak
2		1677.62	3.46	26.76	36.45	39.24	33.01	74.00	-40.99	peak
3		4367.06	6.65	33.57	34.59	37.57	43.20	74.00	-30.80	peak
4		8789.52	9.95	36.70	35.62	38.85	49.88	68.20	-18.32	peak
5	1	1400.00	11.52	37.90	36.24	38.97	52.15	74.00	-21.85	peak
6	q 1	17100.00	14.17	43.10	37.47	33.57	53.37	68.20	-14.83	peak



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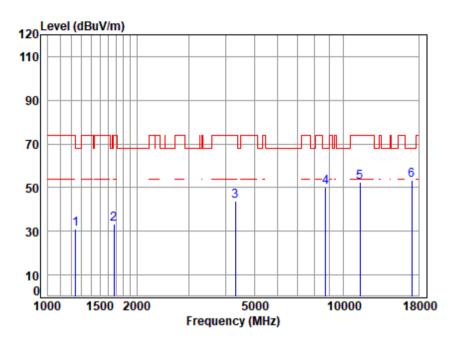


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 243 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5700 TX RSE Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1242.07	2.87	24.48	37.58	41.06	30.83	68.20	-37.37	peak
2	1672.78	3.46	26.75	36.46	39.41	33.16	74.00	-40.84	peak
3	4316.86	6.60	33.60	34.55	37.98	43.63	74.00	-30.37	peak
4	8713.63	9.88	36.70	35.66	39.11	50.03	68.20	-18.17	peak
5	11400.00	11.52	37.90	36.24	39.33	52.51	74.00	-21.49	peak
6	q 17100.00	14.17	43.10	37.47	33.79	53.59	68.20	-14.61	peak



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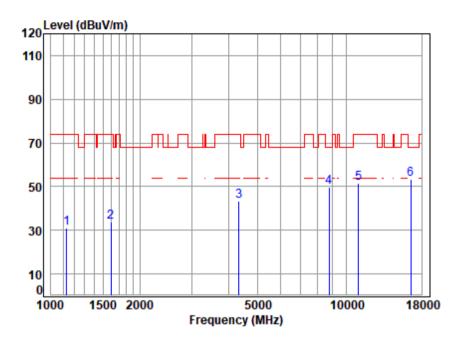


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 244 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5510 TX RSE Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1132.34	2.69	24.13	37.93	42.20	31.09	74.00	-42.91	peak
2	1597.18	3.37	26.47	36.64	40.64	33.84	74.00	-40.16	peak
3	4329.35	6.61	33.60	34.56	37.91	43.56	74.00	-30.44	peak
4	8738.85	9.90	36.70	35.65	38.85	49.80	68.20	-18.40	peak
5	11020.00	11.27	37.72	36.01	38.49	51.47	74.00	-22.53	peak
6 q	16530.00	14.16	42.43	37.56	34.46	53.49	68.20	-14.71	peak



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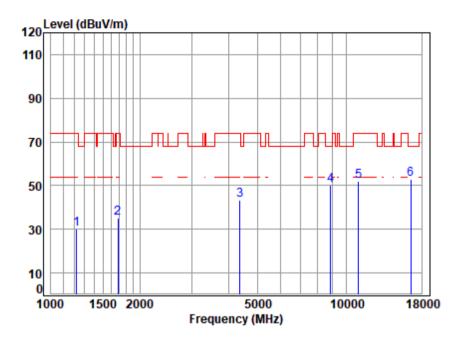


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 245 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5510 TX RSE Note : 5G WIFI 11N40

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1220.71	2.83	24.44	37.65	40.40	30.02	74.00	-43.98	peak
2	1687.35	3.47	26.77	36.43	41.39	35.20	74.00	-38.80	peak
3	4367.06	6.65	33.57	34.59	37.59	43.22	74.00	-30.78	peak
4	8840.47	9.99	36.70	35.59	39.13	50.23	68.20	-17.97	peak
5	11020.00	11.27	37.72	36.01	38.83	51.81	74.00	-22.19	peak
6	q 16530.00	14.16	42.43	37.56	33.73	52.76	68.20	-15.44	peak



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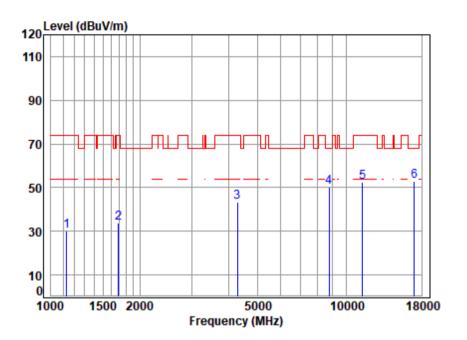


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 246 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5670 TX RSE Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1129.07	2.68	24.12	37.94	41.31	30.17	74.00	-43.83	peak
2	1692.23	3.48	26.78	36.42	39.70	33.54	74.00	-40.46	peak
3	4291.98	6.57	33.60	34.54	37.50	43.13	74.00	-30.87	peak
4	8738.85	9.90	36.70	35.65	39.21	50.16	68.20	-18.04	peak
5	11340.00	11.48	37.84	36.20	39.13	52.25	74.00	-21.75	peak
6 0	17010.00	14.16	42.92	37.48	33.54	53.14	68.20	-15.06	peak



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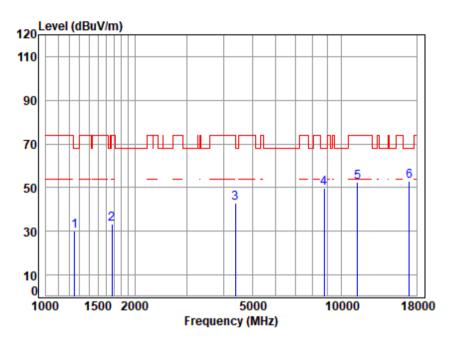


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 247 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5670 TX RSE Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.89	2.89	24.51	37.55	40.12	29.97	68.20	-38.23	peak
2	1672.78	3.46	26.75	36.46	39.39	33.14	74.00	-40.86	peak
3	4392.38	6.67	33.52	34.60	37.48	43.07	74.00	-30.93	peak
4	8738.85	9.90	36.70	35.65	38.59	49.54	68.20	-18.66	peak
5	11340.00	11.48	37.84	36.20	39.18	52.30	74.00	-21.70	peak
6	q 17010.00	14.16	42.92	37.48	33.17	52.77	68.20	-15.43	peak



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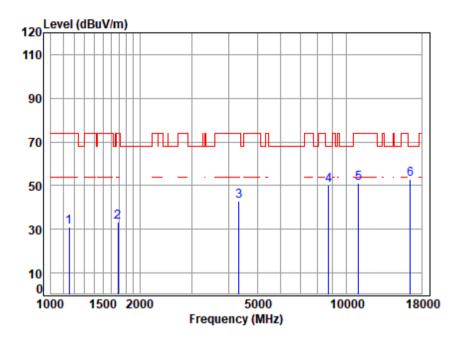


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 248 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5500 TX RSE Note : 5G WIFI 11AC20

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Limit Remark Freq Level Level Line dBuV dBuV/m dBuV/m MHz dB dB/m dB 2.72 24.21 37.87 42.05 31.11 74.00 -42.89 peak 1 1152.15 1687.35 3.47 26.77 36.43 39.51 33.32 74.00 -40.68 peak 2 3 37.24 42.89 74.00 -31.11 peak 4341.89 6.62 33.60 34.57 4 8713.63 9.88 36.70 35.66 39.14 50.06 68.20 -18.14 peak 11.26 37.70 36.00 38.30 51.26 74.00 -22.74 peak 11000.00

14.16 42.40 37.56



6 q 16500.00

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34.09 53.09 68.20 -15.11 peak

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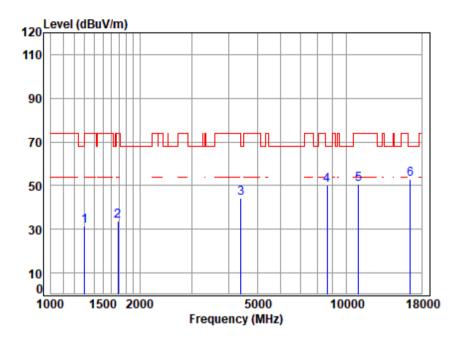


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 249 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5500 TX RSE

Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1300.86	2.96	24.70	37.41	41.21	31.46	74.00	-42.54	peak
2	1687.35	3.47	26.77	36.43	39.75	33.56	74.00	-40.44	peak
3	4405.09	6.68	33.50	34.61	38.76	44.33	68.20	-23.87	peak
4	8613.47	9.79	36.60	35.72	39.47	50.14	68.20	-18.06	peak
5	11000.00	11.26	37.70	36.00	37.75	50.71	74.00	-23.29	peak
6 (16500.00	14.16	42.40	37.56	33.71	52.71	68.20	-15.49	peak



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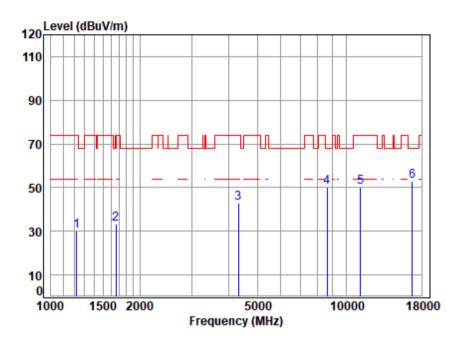


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 250 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5580 TX RSE Note : 5G WIFI 11AC20

Cable Ant Preamp Read Limit (

			Cable	Ant	Preamp	Read		Limit	0ver		
		Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	_										
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
		4000 74			27.65	40.63	20.05	74.00	43.75		
1		1220.71	2.83	24.44	3/.65	40.63	30.25	74.00	-43./5	peak	
2		1663.14	3.45	26.73	36.48	39.41	33.11	74.00	-40.89	peak	
3		4316.86	6.60	33.60	34.55	37.12	42.77	74.00	-31.23	peak	
4		8613.47	9.79	36.60	35.72	39.40	50.07	68.20	-18.13	peak	
5		11160.00	11.36	37.80	36.10	37.04	50.10	74.00	-23.90	peak	
6	q	16740.00	14.16	42.80	37.52	33.67	53.11	68.20	-15.09	peak	



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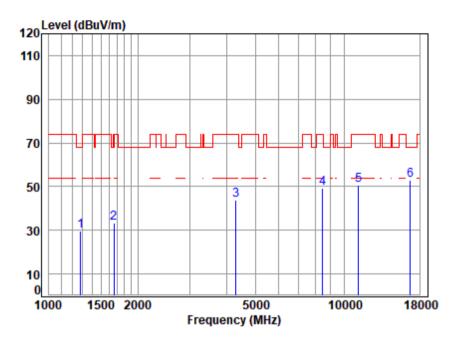


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 251 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5580 TX RSE

Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.19	2.93	24.63	37.46	39.78	29.88	68.20	-38.32	peak
2	1658.34	3.44	26.72	36.50	39.44	33.10	68.20	-35.10	peak
3	4304.40	6.59	33.60	34.54	38.18	43.83	74.00	-30.17	peak
4	8440.95	9.63	36.40	35.82	39.04	49.25	74.00	-24.75	peak
5	11160.00	11.36	37.80	36.10	37.72	50.78	74.00	-23.22	peak
6	q 16740.00	14.16	42.80	37.52	33.48	52.92	68.20	-15.28	peak



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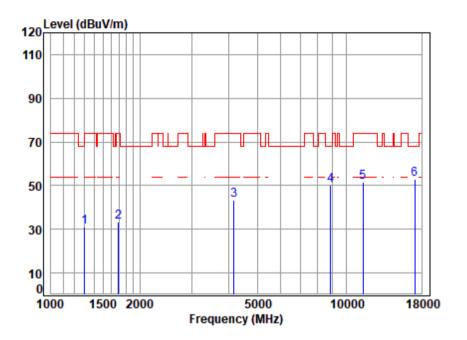


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 252 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5700 TX RSE Note : 5G WIFI 11AC20

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Limit Remark Freq Level Level Line dBuV dBuV/m dBuV/m MHz dB dB/m dB 1300.86 2.96 24.70 37.41 40.96 31.21 74.00 -42.79 peak 1 1692.23 3.48 26.78 36.42 39.55 33.39 74.00 -40.61 peak 2 3 37.98 43.20 74.00 -30.80 peak 4169.70 6.45 33.22 34.45 4 8840.47 9.99 36.70 35.59 39.32 50.42 68.20 -17.78 peak 37.90 38.32 51.50 74.00 -22.50 peak 11400.00 11.52 36.24 33.13 52.93 68.20 -15.27 peak 6 q 17100.00 14.17 43.10 37.47



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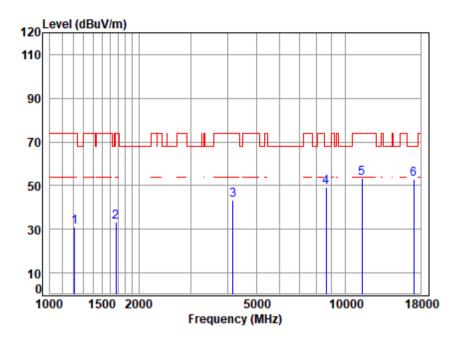


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 253 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5700 TX RSE

Note : 5G WIFI 11AC20

		****	TIMELU						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1213.68	2.82	24.43	37.67	41.28	30.86	74.00	-43.14	peak
2	1672.78	3.46	26.75	36.46	39.59	33.34	74.00	-40.66	peak
3	4169.70	6.45	33.22	34.45	37.94	43.16	74.00	-30.84	peak
4	8613.47	9.79	36.60	35.72	38.77	49.44	68.20	-18.76	peak
5	11400.00	11.52	37.90	36.24	40.03	53.21	74.00	-20.79	peak
6 q	17100.00	14.17	43.10	37.47	33.02	52.82	68.20	-15.38	peak



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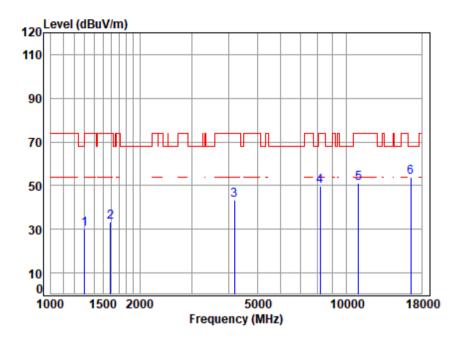


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 254 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5510 TX RSE Note : 5G WIFI 11AC40

Cable Ant Preamp Read Limit Ove

		Capte	Ant	Preamp	Kead		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1300.86	2 06	24 70	27 /1	20 65	20.00	74 00	44 10	nook
1	1300.00	2.90	24.70	37.41	39.03	25.50	74.00	-44.10	peak
2	1592.57	3.36	26.41	36.65	40.28	33.40	74.00	-40.60	peak
3	4181.77	6.47	33.29	34.46	38.07	43.37	74.00	-30.63	peak
4	8153.20	9.37	36.40	35.99	39.92	49.70	74.00	-24.30	peak
5	11020.00	11.27	37.72	36.01	38.11	51.09	74.00	-22.91	peak
6	a 16530.00	14.16	42.43	37.56	34.65	53.68	68.20	-14.52	peak



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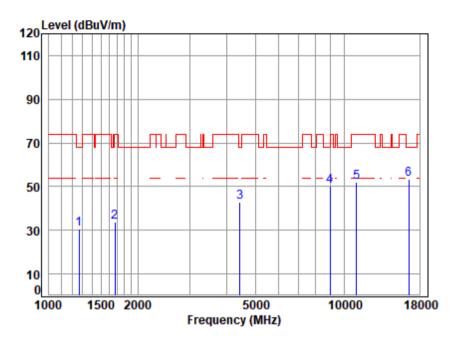


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 255 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5510 TX RSE

Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1263.80	2.90	24.56	37.52	40.70	30.64	68.20	-37.56	peak
2	1672.78	3.46	26.75	36.46	39.89	33.64	74.00	-40.36	peak
3	4430.63	6.71	33.50	34.63	37.24	42.82	68.20	-25.38	peak
4	8943.27	10.08	36.70	35.53	39.06	50.31	68.20	-17.89	peak
5	11020.00	11.27	37.72	36.01	38.93	51.91	74.00	-22.09	peak
6	q 16530.00	14.16	42.43	37.56	34.35	53.38	68.20	-14.82	peak



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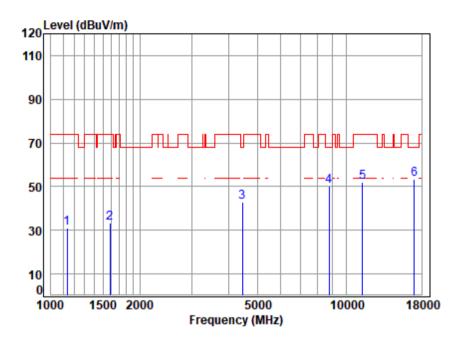


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 256 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5670 TX RSE Note : 5G WIFI 11AC40

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Limit Remark Freq Level Level Line dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 2.69 24.14 37.92 41.92 30.83 74.00 -43.17 peak 1 1135.62 1587.98 3.35 26.36 36.66 40.20 33.25 74.00 -40.75 peak 2 3 33.50 34.64 37.52 43.11 68.20 -25.09 peak 4456.32 6.73 4 8764.15 9.92 36.70 35.63 39.28 50.27 68.20 -17.93 peak 11340.00 37.84 36.20 38.72 51.84 74.00 -22.16 peak 11.48 14.16 42.92 37.48 33.91 53.51 68.20 -14.69 peak 6 q 17010.00



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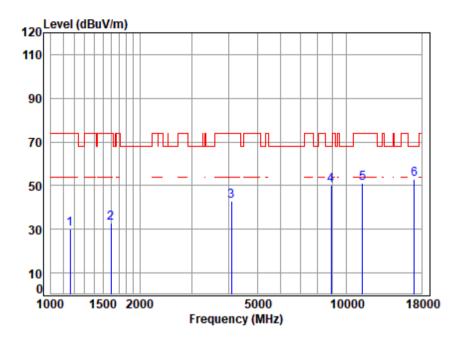


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 257 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5670 TX RSE Note : 5G WIFI 11AC40

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark

	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	1162.18	2.74	24.25	37.83	40.78	29.94	74.00	-44.06 peak
2	1597.18	3.37	26.47	36.64	39.87	33.07	74.00	-40.93 peak
3	4086.18	6.37	32.97	34.39	38.04	42.99	74.00	-31.01 peak
4	8891.73	10.04	36.70	35.56	39.12	50.30	68.20	-17.90 peak
5	11340.00	11.48	37.84	36.20	38.19	51.31	74.00	-22.69 peak
6	q 17010.00	14.16	42.92	37.48	33.28	52.88	68.20	-15.32 peak



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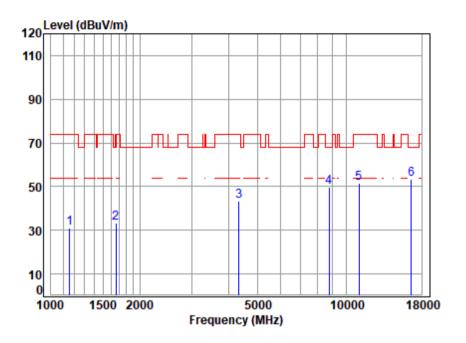


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 258 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5530 TX RSE

Note : 5G WIFI 11AC80

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1155.48	2.73	24.22	37.86	41.94	31.03	74.00	-42.97	peak
2	1658.34	3.44	26.72	36.50	39.57	33.23	68.20	-34.97	peak
3	4329.35	6.61	33.60	34.56	37.73	43.38	74.00	-30.62	peak
4	8738.85	9.90	36.70	35.65	38.98	49.93	68.20	-18.27	peak
5	11060.00	11.30	37.76	36.04	38.47	51.49	74.00	-22.51	peak
6	q 16590.00	14.16	42.49	37.55	34.44	53.54	68.20	-14.66	peak



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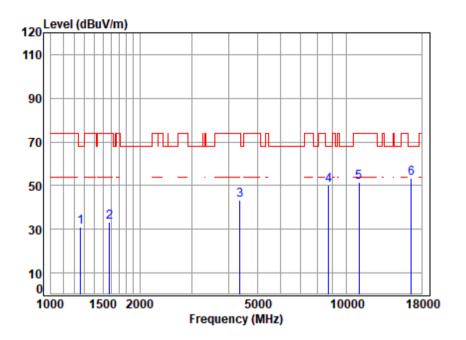


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 259 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5530 TX RSE

Note : 5G WIFI 11AC80

	MATI T	TIACOU						
	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1260.15	2.90	24.54	37.53	41.06	30.97	68.20	-37.23	peak
1578.82	3.34	26.25	36.68	40.36	33.27	74.00	-40.73	peak
4367.06	6.65	33.57	34.59	37.56	43.19	74.00	-30.81	peak
8713.63	9.88	36.70	35.66	39.30	50.22	68.20	-17.98	peak
11060.00	11.30	37.76	36.04	38.52	51.54	74.00	-22.46	peak
								•
	Preq MHz 1260.15 1578.82 4367.06 8713.63 11060.00	Cable Loss MHz dB 1260.15 2.90 1578.82 3.34 4367.06 6.65 8713.63 9.88 11060.00 11.30	Cable Ant Loss Factor MHz dB dB/m 1260.15 2.90 24.54 1578.82 3.34 26.25 4367.06 6.65 33.57 8713.63 9.88 36.70 11060.00 11.30 37.76	Cable Ant Preamp Loss Factor Factor MHz dB dB/m dB 1260.15 2.90 24.54 37.53 1578.82 3.34 26.25 36.68 4367.06 6.65 33.57 34.59 8713.63 9.88 36.70 35.66 11060.00 11.30 37.76 36.04	Cable Ant Preamp Read Loss Factor Factor Level MHz dB dB/m dB dBuV 1260.15 2.90 24.54 37.53 41.06 1578.82 3.34 26.25 36.68 40.36 4367.06 6.65 33.57 34.59 37.56 8713.63 9.88 36.70 35.66 39.30 11060.00 11.30 37.76 36.04 38.52	Cable Ant Preamp Read Freq Loss Factor Factor Level Level MHz dB dB/m dB dBuV dBuV/m 1260.15 2.90 24.54 37.53 41.06 30.97 1578.82 3.34 26.25 36.68 40.36 33.27 4367.06 6.65 33.57 34.59 37.56 43.19 8713.63 9.88 36.70 35.66 39.30 50.22 11060.00 11.30 37.76 36.04 38.52 51.54	Cable Ant Preamp Read Limit Freq Loss Factor Factor Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1260.15 2.90 24.54 37.53 41.06 30.97 68.20 1578.82 3.34 26.25 36.68 40.36 33.27 74.00 4367.06 6.65 33.57 34.59 37.56 43.19 74.00 8713.63 9.88 36.70 35.66 39.30 50.22 68.20 11060.00 11.30 37.76 36.04 38.52 51.54 74.00	Cable Loss Factor Factor Read Level Level Level Limit Limit Over Limit MHz dB dB/m dB dBuV dBuV/m dBuV/m dBuV/m dB 1260.15 2.90 24.54 37.53 41.06 30.97 68.20 -37.23 1578.82 3.34 26.25 36.68 40.36 33.27 74.00 -40.73 4367.06 6.65 33.57 34.59 37.56 43.19 74.00 -30.81 8713.63 9.88 36.70 35.66 39.30 50.22 68.20 -17.98



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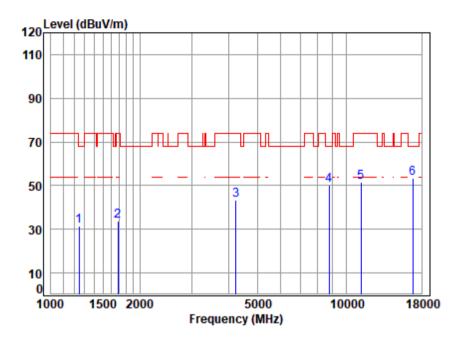


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 260 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5610 TX RSE Note : 5G WIFI 11AC80

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Limit Remark Freq Level Level Line dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 24.49 41.92 31.71 68.20 -36.49 peak 1 1245.66 2.87 37.57 1687.35 3.47 26.77 36.43 39.91 33.72 74.00 -40.28 peak 2 3 37.87 43.41 74.00 -30.59 peak 4230.40 6.51 33.52 34.49 4 8764.15 9.92 36.70 35.63 39.29 50.28 68.20 -17.92 peak 11220.00 37.80 36.13 38.32 51.39 74.00 -22.61 peak 11.40 33.76 53.18 68.20 -15.02 peak 6 q 16830.00 14.16 42.77 37.51



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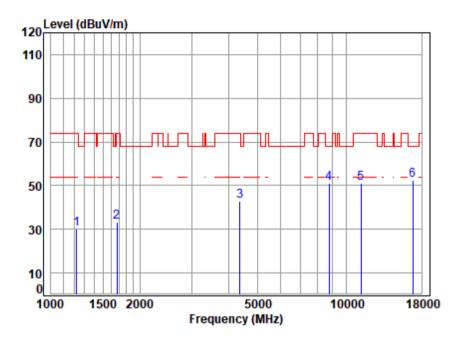


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 261 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5610 TX RSE

Note : 5G WIFI 11AC80

•••		****	11/1000						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1224.25	2.84	24.45	37.64	40.56	30.21	74.00	-43.79	peak
2	1672.78	3.46	26.75	36.46	39.48	33.23	74.00	-40.77	peak
3	4367.06	6.65	33.57	34.59	37.46	43.09	74.00	-30.91	peak
4	8738.85	9.90	36.70	35.65	39.97	50.92	68.20	-17.28	peak
5	11220.00	11.40	37.80	36.13	37.93	51.00	74.00	-23.00	peak
6	q 16830.00								



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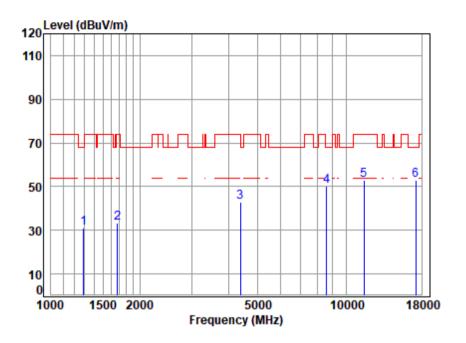


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 262 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5745 TX RSE Note : 5G WIFI 11A

000		****							
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1289.63	2.94	24.66	37.44	40.78	30.94	68.20	-37.26	peak
2	1677.62	3.46	26.76	36.45	39.47	33.24	74.00	-40.76	peak
3	4379.70	6.66	33.54	34.59	37.15	42.76	74.00	-31.24	peak
4	8588.61	9.77	36.58	35.73	39.37	49.99	68.20	-18.21	peak
5	11490.00								-
6	q 17235.00	14.18	43.34	37.46	32.78	52.84	68.20	-15.36	peak



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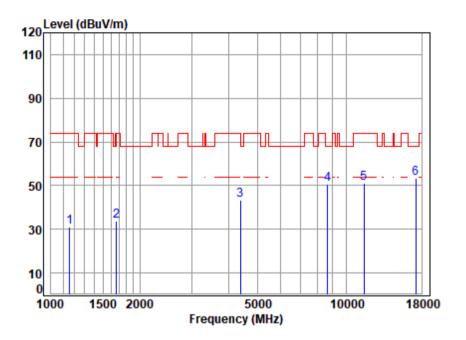


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 263 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5745 TX RSE Note : 5G WIFI 11A

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 2 3	1155.48 1667.95 4379.70	3.45	26.74		39.97	33.69	74.00	-40.31	peak
4 5 6 q	8663.40 11490.00 17235.00	11.58	37.99	36.29	37.84	51.12	74.00	-22.88	peak



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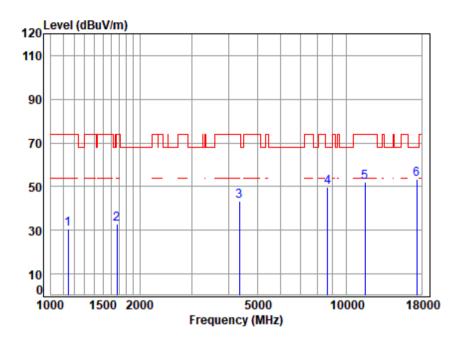


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 264 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5785 TX RSE Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1142.20	2.70	24.17	37.90	41.81	30.78	74.00	-43.22	peak
2	1672.78	3.46	26.75	36.46	39.04	32.79	74.00	-41.21	peak
3	4354.45	6.63	33.59	34.58	37.49	43.13	74.00	-30.87	peak
4	8663.40	9.84	36.63	35.69	38.87	49.65	68.20	-18.55	peak
5	11570.00	11.63	38.00	36.34	38.62	51.91	74.00	-22.09	peak
6	q 17355.00	14.19	43.46	37.45	33.07	53.27	68.20	-14.93	peak



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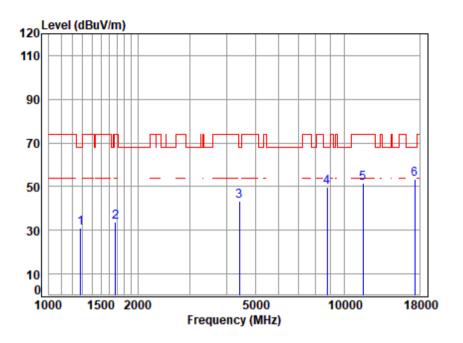


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 265 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5785 TX RSE Note : 5G WIFI 11A

	****	110						
	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1278.49	2.93	24.61	37.47	40.75	30.82	68.20	-37.38	peak
1682.48	3.47	26.77	36.44	39.82	33.62	74.00	-40.38	peak
4417.84	6.69	33.50	34.62	37.65	43.22	68.20	-24.98	peak
8738.85	9.90	36.70	35.65	38.92	49.87	68.20	-18.33	peak
11570.00	11.63	38.00	36.34	38.10	51.39	74.00	-22.61	peak
								•
	Freq MHz 1278.49 1682.48 4417.84 8738.85 11570.00	Cable Loss MHz dB 1278.49 2.93 1682.48 3.47 4417.84 6.69 8738.85 9.90 11570.00 11.63	Cable Ant Loss Factor MHz dB dB/m 1278.49 2.93 24.61 1682.48 3.47 26.77 4417.84 6.69 33.50 8738.85 9.90 36.70 11570.00 11.63 38.00	Cable Ant Preamp Loss Factor Factor MHz dB dB/m dB 1278.49 2.93 24.61 37.47 1682.48 3.47 26.77 36.44 4417.84 6.69 33.50 34.62 8738.85 9.90 36.70 35.65 11570.00 11.63 38.00 36.34	Cable Loss Factor Factor Read Level MHz dB dB/m dB dBuV 1278.49 2.93 24.61 37.47 40.75 1682.48 3.47 26.77 36.44 39.82 4417.84 6.69 33.50 34.62 37.65 8738.85 9.90 36.70 35.65 38.92 11570.00 11.63 38.00 36.34 38.10	Cable Ant Preamp Read Loss Factor Factor Level Level MHz dB dB/m dB dBuV dBuV/m 1278.49 2.93 24.61 37.47 40.75 30.82 1682.48 3.47 26.77 36.44 39.82 33.62 4417.84 6.69 33.50 34.62 37.65 43.22 8738.85 9.90 36.70 35.65 38.92 49.87 11570.00 11.63 38.00 36.34 38.10 51.39	Cable Loss Factor Factor Read Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1278.49 2.93 24.61 37.47 40.75 30.82 68.20 1682.48 3.47 26.77 36.44 39.82 33.62 74.00 4417.84 6.69 33.50 34.62 37.65 43.22 68.20 8738.85 9.90 36.70 35.65 38.92 49.87 68.20 11570.00 11.63 38.00 36.34 38.10 51.39 74.00	Cable Ant Preamp Read Limit Over Freq Loss Factor Factor Level Level Line Limit



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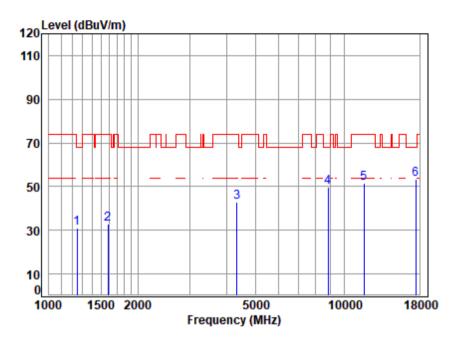


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 266 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5825 TX RSE Note : 5G WIFI 11A

	MATI T	117						
	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1245.66	2.87	24.49	37.57	41.31	31.10	68.20	-37.10	peak
1583.39	3.35	26.30	36.67	39.99	32.97	74.00	-41.03	peak
4329.35	6.61	33.60	34.56	37.10	42.75	74.00	-31.25	peak
8814.96	9.97	36.70	35.60	38.51	49.58	68.20	-18.62	peak
11650.00	11.68	38.00	36.38	38.27	51.57	74.00	-22.43	peak
								•
	MHz 1245.66 1583.39 4329.35 8814.96 11650.00	Cable Loss MHz dB 1245.66 2.87 1583.39 3.35 4329.35 6.61 8814.96 9.97 11650.00 11.68	Cable Ant Loss Factor MHz dB dB/m 1245.66 2.87 24.49 1583.39 3.35 26.30 4329.35 6.61 33.60 8814.96 9.97 36.70 11650.00 11.68 38.00	Cable Ant Preamp Loss Factor Factor MHz dB dB/m dB 1245.66 2.87 24.49 37.57 1583.39 3.35 26.30 36.67 4329.35 6.61 33.60 34.56 8814.96 9.97 36.70 35.60 11650.00 11.68 38.00 36.38	Cable Loss Factor Factor Read Level MHz dB dB/m dB dBuV 1245.66 2.87 24.49 37.57 41.31 1583.39 3.35 26.30 36.67 39.99 4329.35 6.61 33.60 34.56 37.10 8814.96 9.97 36.70 35.60 38.51 11650.00 11.68 38.00 36.38 38.27	Cable Ant Preamp Read Freq Loss Factor Factor Level Level MHz dB dB/m dB dBuV dBuV/m 1245.66 2.87 24.49 37.57 41.31 31.10 1583.39 3.35 26.30 36.67 39.99 32.97 4329.35 6.61 33.60 34.56 37.10 42.75 8814.96 9.97 36.70 35.60 38.51 49.58 11650.00 11.68 38.00 36.38 38.27 51.57	Cable Ant Preamp Read Limit Freq Loss Factor Factor Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1245.66 2.87 24.49 37.57 41.31 31.10 68.20 1583.39 3.35 26.30 36.67 39.99 32.97 74.00 4329.35 6.61 33.60 34.56 37.10 42.75 74.00 8814.96 9.97 36.70 35.60 38.51 49.58 68.20 11650.00 11.68 38.00 36.38 38.27 51.57 74.00	Cable Ant Preamp Read Limit Over Freq Loss Factor Factor Level Level Line Limit



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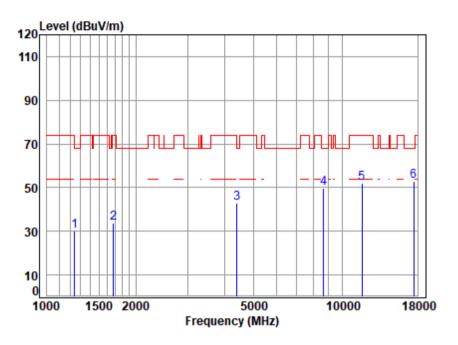


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 267 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5825 TX RSE Note : 5G WIFI 11A

	****	117						
	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1242.07	2.87	24.48	37.58	40.35	30.12	68.20	-38.08	peak
1677.62	3.46	26.76	36.45	40.15	33.92	74.00	-40.08	peak
4405.09	6.68	33.50	34.61	37.34	42.91	68.20	-25.29	peak
8663.40	9.84	36.63	35.69	38.85	49.63	68.20	-18.57	peak
11650.00	11.68	38.00	36.38	38.74	52.04	74.00	-21.96	peak
								•
	Preq MHz 1242.07 1677.62 4405.09 8663.40 11650.00	Cable Loss MHz dB 1242.07 2.87 1677.62 3.46 4405.09 6.68 8663.40 9.84 11650.00 11.68	Cable Ant Loss Factor MHz dB dB/m 1242.07 2.87 24.48 1677.62 3.46 26.76 4405.09 6.68 33.50 8663.40 9.84 36.63 11650.00 11.68 38.00	Cable Ant Preamp Loss Factor Factor MHz dB dB/m dB 1242.07 2.87 24.48 37.58 1677.62 3.46 26.76 36.45 4405.09 6.68 33.50 34.61 8663.40 9.84 36.63 35.69 11650.00 11.68 38.00 36.38	Cable Ant Preamp Read Loss Factor Factor Level MHz dB dB/m dB dBuV 1242.07 2.87 24.48 37.58 40.35 1677.62 3.46 26.76 36.45 40.15 4405.09 6.68 33.50 34.61 37.34 8663.40 9.84 36.63 35.69 38.85 11650.00 11.68 38.00 36.38 38.74	Cable Ant Preamp Read Level Freq Loss Factor Factor Level Level MHz dB dB/m dB dBuV dBuV/m 1242.07 2.87 24.48 37.58 40.35 30.12 1677.62 3.46 26.76 36.45 40.15 33.92 4405.09 6.68 33.50 34.61 37.34 42.91 8663.40 9.84 36.63 35.69 38.85 49.63 11650.00 11.68 38.00 36.38 38.74 52.04	Cable Ant Preamp Read Limit Freq Loss Factor Factor Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1242.07 2.87 24.48 37.58 40.35 30.12 68.20 1677.62 3.46 26.76 36.45 40.15 33.92 74.00 4405.09 6.68 33.50 34.61 37.34 42.91 68.20 8663.40 9.84 36.63 35.69 38.85 49.63 68.20 11650.00 11.68 38.00 36.38 38.74 52.04 74.00	Cable Loss Factor Factor Read Level Level Level Limit Limit Over Limit MHz dB dB/m dB dBuV dBuV/m dBuV/m dBuV/m dB 1242.07 2.87 24.48 37.58 40.35 30.12 68.20 -38.08 1677.62 3.46 26.76 36.45 40.15 33.92 74.00 -40.08 4405.09 6.68 33.50 34.61 37.34 42.91 68.20 -25.29 8663.40 9.84 36.63 35.69 38.85 49.63 68.20 -18.57



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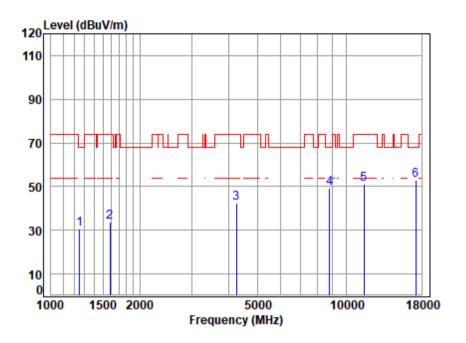


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 268 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

: 01476AT Job No

Mode : 5745 TX RSE Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.89	2.89	24.51	37.55	40.91	30.76	68.20	-37.44	peak
2	1587.98	3.35	26.36	36.66	40.50	33.55	74.00	-40.45	peak
3	4242.64	6.53	33.57	34.50	36.92	42.52	74.00	-31.48	peak
4	8789.52	9.95	36.70	35.62	38.47	49.50	68.20	-18.70	peak
5	11490.00	11.58	37.99	36.29	38.04	51.32	74.00	-22.68	peak
6	q 17235.00	14.18	43.34	37.46	32.84	52.90	68.20	-15.30	peak



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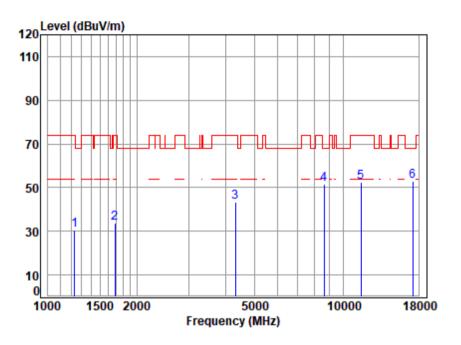


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 269 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5745 TX RSE Note : 5G WIFI 11N20

•••		****	11.420						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.35	2.85	24.46	37.62	40.80	30.49	74.00	-43.51	peak
2	1687.35	3.47	26.77	36.43	40.04	33.85	74.00	-40.15	peak
3	4316.86	6.60	33.60	34.55	37.48	43.13	74.00	-30.87	peak
4	8613.47	9.79	36.60	35.72	40.96	51.63	68.20	-16.57	peak
5	11490.00	11.58	37.99	36.29	39.04	52.32	74.00	-21.68	peak
6	q 17235.00	14.18	43.34	37.46	32.84	52.90	68.20	-15.30	peak



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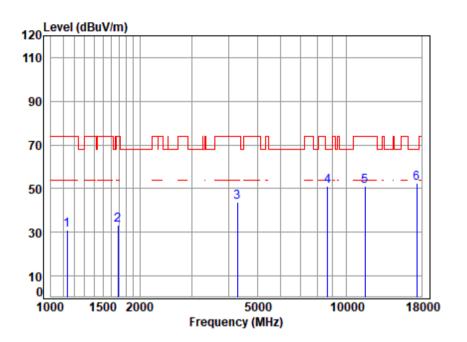


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 270 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5785 TX RSE Note : 5G WIFI 11N20

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1135.62	2.69	24.14	37.92	42.22	31.13	74.00	-42.87	peak
2	1687.35	3.47	26.77	36.43	39.30	33.11	74.00	-40.89	peak
3	4291.98	6.57	33.60	34.54	38.06	43.69	74.00	-30.31	peak
4	8663.40	9.84	36.63	35.69	40.37	51.15	68.20	-17.05	peak
5	11570.00	11.63	38.00	36.34	37.78	51.07	74.00	-22.93	peak
6 (17355.00	14.19	43.46	37.45	32.43	52.63	68.20	-15.57	peak



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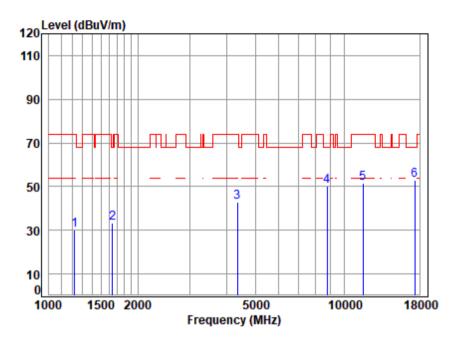


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 271 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5785 TX RSE Note : 5G WIFI 11N20

		****	111120						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1224.25	2.84	24.45	37.64	40.46	30.11	74.00	-43.89	peak
2	1639.27	3.42	26.66	36.54	39.95	33.49	68.20	-34.71	peak
3	4354.45	6.63	33.59	34.58	37.42	43.06	74.00	-30.94	peak
4	8738.85	9.90	36.70	35.65	39.25	50.20	68.20	-18.00	peak
5	11570.00	11.63	38.00	36.34	38.29	51.58	74.00	-22.42	peak
6	q 17355.00	14.19	43.46	37.45	32.85	53.05	68.20	-15.15	peak



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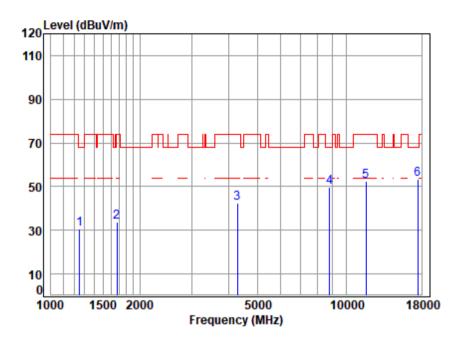


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 272 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5825 TX RSE Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.89	2.89	24.51	37.55	40.68	30.53	68.20	-37.67	peak
2	1672.78	3.46	26.75	36.46	40.01	33.76	74.00	-40.24	peak
3	4291.98	6.57	33.60	34.54	37.01	42.64	74.00	-31.36	peak
4	8789.52	9.95	36.70	35.62	38.69	49.72	68.20	-18.48	peak
5	11650.00	11.68	38.00	36.38	38.97	52.27	74.00	-21.73	peak
6	q 17475.00	14.20	43.58	37.44	32.91	53.25	68.20	-14.95	peak



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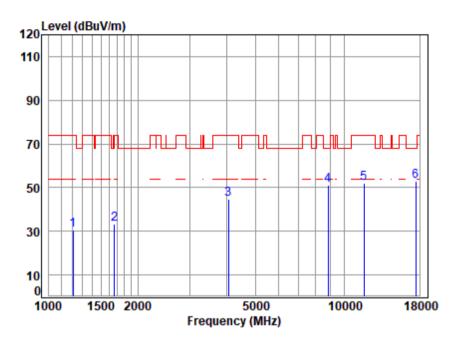


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 273 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5825 TX RSE Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1206.68	2.81	24.41	37.69	41.12	30.65	74.00	-43.35	peak
2	1667.95	3.45	26.74	36.47	39.50	33.22	74.00	-40.78	peak
3	4050.90	6.33	32.90	34.37	39.69	44.55	74.00	-29.45	peak
4	8814.96	9.97	36.70	35.60	40.13	51.20	68.20	-17.00	peak
5	11650.00	11.68	38.00	36.38	38.65	51.95	74.00	-22.05	peak
6	q 17475.00	14.20	43.58	37.44	32.44	52.78	68.20	-15.42	peak



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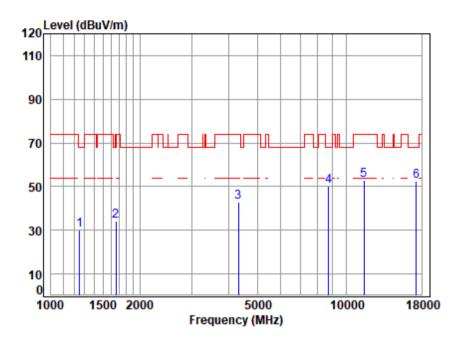


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 274 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5755 TX RSE Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1249.27	2.88	24.50	37.56	40.32	30.14	68.20	-38.06	peak	
2	1663.14	3.45	26.73	36.48	40.48	34.18	74.00	-39.82	peak	
3	4316.86	6.60	33.60	34.55	37.44	43.09	74.00	-30.91	peak	
4	8713.63	9.88	36.70	35.66	39.18	50.10	68.20	-18.10	peak	
5	11510.00	11.59	38.00	36.30	39.61	52.90	74.00	-21.10	peak	
6 q	17265.00	14.18	43.37	37.46	32.60	52.69	68.20	-15.51	peak	



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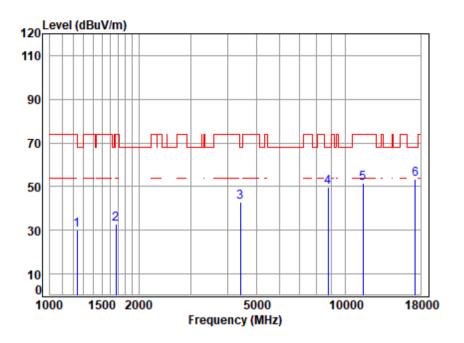


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 275 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 01476AT Job No

Mode : 5755 TX RSE Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.91	2.86	24.47	37.61	40.49	30.21	74.00	-43.79	peak
2	1672.78	3.46	26.75	36.46	39.22	32.97	74.00	-41.03	peak
3	4417.84	6.69	33.50	34.62	37.38	42.95	68.20	-25.25	peak
4	8764.15	9.92	36.70	35.63	38.96	49.95	68.20	-18.25	peak
5	11510.00	11.59	38.00	36.30	38.18	51.47	74.00	-22.53	peak
6 (q 17265.00	14.18	43.37	37.46	33.13	53.22	68.20	-14.98	peak



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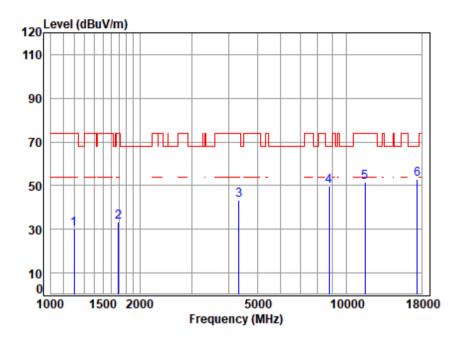


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 276 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5795 TX RSE Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.73	2.80	24.40	37.71	40.79	30.28	74.00	-43.72	peak
2	1692.23	3.48	26.78	36.42	39.24	33.08	74.00	-40.92	peak
3	4329.35	6.61	33.60	34.56	37.79	43.44	74.00	-30.56	peak
4	8738.85	9.90	36.70	35.65	38.74	49.69	68.20	-18.51	peak
5	11590.00	11.64	38.00	36.35	38.06	51.35	74.00	-22.65	peak
	17385.00								•



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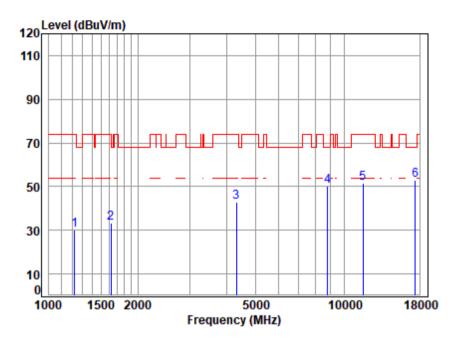


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 277 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 01476AT Job No

: 5795 TX RSE Mode Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1224.25	2.84	24.45	37.64	40.67	30.32	74.00	-43.68	peak
2	1625.12	3.40	26.60	36.57	39.78	33.21	74.00	-40.79	peak
3	4316.86	6.60	33.60	34.55	37.31	42.96	74.00	-31.04	peak
4	8789.52	9.95	36.70	35.62	39.28	50.31	68.20	-17.89	peak
5	11590.00	11.64	38.00	36.35	38.30	51.59	74.00	-22.41	peak
6 q	17385.00	14.20	43.49	37.44	32.67	52.92	68.20	-15.28	peak



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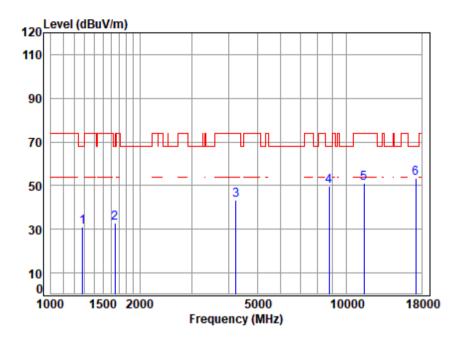


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 278 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5745 TX RSE

Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.19	2.93	24.63	37.46	40.84	30.94	68.20	-37.26	peak
2	1648.78	3.43	26.70	36.52	39.45	33.06	68.20	-35.14	peak
3	4230.40	6.51	33.52	34.49	37.62	43.16	74.00	-30.84	peak
4	8738.85	9.90	36.70	35.65	38.76	49.71	68.20	-18.49	peak
5	11490.00	11.58	37.99	36.29	37.82	51.10	74.00	-22.90	peak
6 q	17235.00	14.18	43.34	37.46	33.17	53.23	68.20	-14.97	peak



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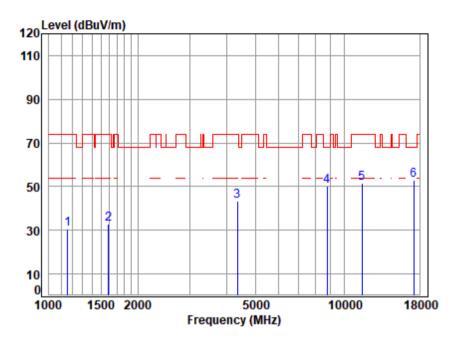


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 279 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5745 TX RSE

Note : 5G WIFI 11AC20

		****	TIMOLO						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1155.48	2.73	24.22	37.86	41.65	30.74	74.00	-43.26	peak
2	1592.57	3.36	26.41	36.65	39.84	32.96	74.00	-41.04	peak
3	4354.45	6.63	33.59	34.58	37.91	43.55	74.00	-30.45	peak
4	8738.85	9.90	36.70	35.65	39.32	50.27	68.20	-17.93	peak
5	11490.00	11.58	37.99	36.29	38.26	51.54	74.00	-22.46	peak
6	q 17235.00								



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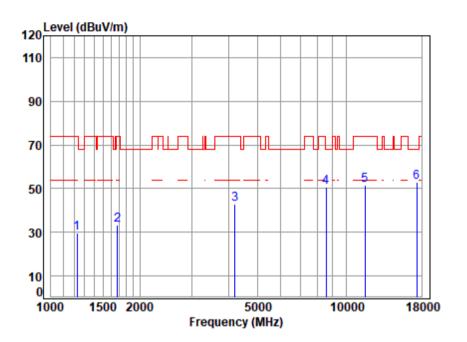


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 280 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5785 TX RSE : 5G WIFI 11AC20 Note

	MATIT	IIACZU						
	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1227.79	2.85	24.46	37.63	40.13	29.81	74.00	-44.19	peak
1682.48	3.47	26.77	36.44	39.56	33.36	74.00	-40.64	peak
4206.01	6.49	33.42	34.48	37.52	42.95	74.00	-31.05	peak
8563.82	9.75	36.53	35.75	39.89	50.42	68.20	-17.78	peak
11570.00	11.63	38.00	36.34	38.45	51.74	74.00	-22.26	peak
q 17355.00	14.19	43.46	37.45	32.90	53.10	68.20	-15.10	peak
	Freq MHz 1227.79 1682.48 4206.01 8563.82 11570.00	Cable Loss MHz dB 1227.79 2.85 1682.48 3.47 4206.01 6.49 8563.82 9.75 11570.00 11.63	Cable Ant Loss Factor MHz dB dB/m 1227.79 2.85 24.46 1682.48 3.47 26.77 4206.01 6.49 33.42 8563.82 9.75 36.53 11570.00 11.63 38.00	Cable Ant Preamp Loss Factor Factor MHz dB dB/m dB 1227.79 2.85 24.46 37.63 1682.48 3.47 26.77 36.44 4206.01 6.49 33.42 34.48 8563.82 9.75 36.53 35.75 11570.00 11.63 38.00 36.34	Cable Ant Preamp Read Loss Factor Factor Level MHz dB dB/m dB dBuV 1227.79 2.85 24.46 37.63 40.13 1682.48 3.47 26.77 36.44 39.56 4206.01 6.49 33.42 34.48 37.52 8563.82 9.75 36.53 35.75 39.89 11570.00 11.63 38.00 36.34 38.45	Cable Ant Preamp Read Freq Loss Factor Factor Level Level MHz dB dB/m dB dBuV dBuV/m 1227.79 2.85 24.46 37.63 40.13 29.81 1682.48 3.47 26.77 36.44 39.56 33.36 4206.01 6.49 33.42 34.48 37.52 42.95 8563.82 9.75 36.53 35.75 39.89 50.42 11570.00 11.63 38.00 36.34 38.45 51.74	Cable Ant Preamp Read Limit Freq Loss Factor Factor Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1227.79 2.85 24.46 37.63 40.13 29.81 74.00 1682.48 3.47 26.77 36.44 39.56 33.36 74.00 4206.01 6.49 33.42 34.48 37.52 42.95 74.00 8563.82 9.75 36.53 35.75 39.89 50.42 68.20 11570.00 11.63 38.00 36.34 38.45 51.74 74.00	Cable Ant Preamp Freq Loss Factor Factor Level Level Limit Over Loss Factor Factor Level Level Limit Limit MHz dB dB/m dB dBuV dBuV/m dBuV/m dBuV/m dB 1227.79 2.85 24.46 37.63 40.13 29.81 74.00 -44.19 1682.48 3.47 26.77 36.44 39.56 33.36 74.00 -40.64 4206.01 6.49 33.42 34.48 37.52 42.95 74.00 -31.05 8563.82 9.75 36.53 35.75 39.89 50.42 68.20 -17.78



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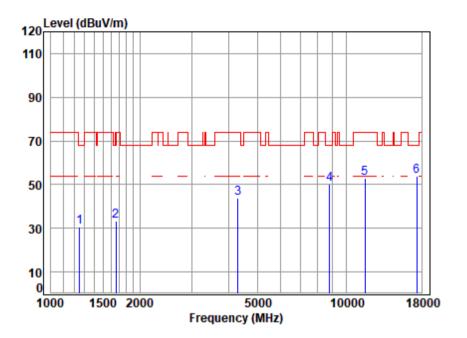


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 281 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5785 TX RSE

Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.89	2.89	24.51	37.55	40.88	30.73	68.20	-37.47	peak
2	1663.14	3.45	26.73	36.48	39.66	33.36	74.00	-40.64	peak
3	4304.40	6.59	33.60	34.54	38.37	44.02	74.00	-29.98	peak
4	8789.52	9.95	36.70	35.62	38.95	49.98	68.20	-18.22	peak
5	11570.00	11.63	38.00	36.34	39.59	52.88	74.00	-21.12	peak
6 0	17355.00	14.19	43.46	37.45	33.42	53.62	68.20	-14.58	peak



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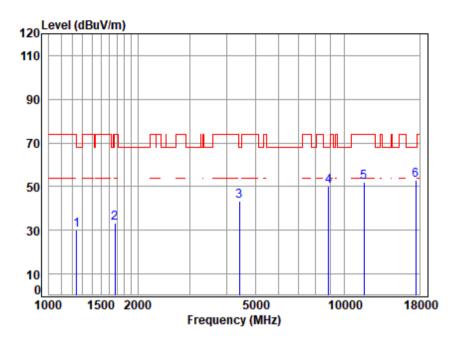


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 282 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5825 TX RSE

Note : 5G WIFI 11AC20

0.00		****	TIMOZO						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1242.07	2.87	24.48	37.58	40.28	30.05	68.20	-38.15	peak
2	1672.78	3.46	26.75	36.46	39.37	33.12	74.00	-40.88	peak
3	4417.84	6.69	33.50	34.62	37.63	43.20	68.20	-25.00	peak
4	8840.47	9.99	36.70	35.59	38.96	50.06	68.20	-18.14	peak
5	11650.00	11.68	38.00	36.38	38.76	52.06	74.00	-21.94	peak
6	q 17475.00	14.20	43.58	37.44	32.63	52.97	68.20	-15.23	peak



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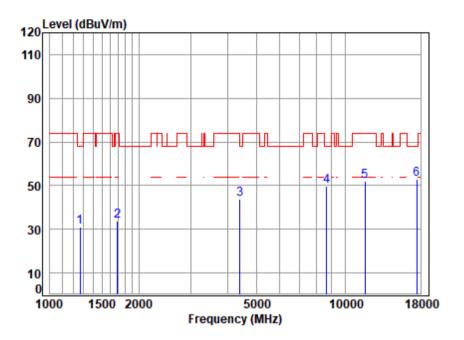


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 283 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5825 TX RSE

Note : 5G WIFI 11AC20

•••		****	TIMELU						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1263.80	2.90	24.56	37.52	40.93	30.87	68.20	-37.33	peak
2	1692.23	3.48	26.78	36.42	39.70	33.54	74.00	-40.46	peak
3	4405.09	6.68	33.50	34.61	38.21	43.78	68.20	-24.42	peak
4	8663.40	9.84	36.63	35.69	39.00	49.78	68.20	-18.42	peak
5	11650.00	11.68	38.00	36.38	38.67	51.97	74.00	-22.03	peak
6	q 17475.00								•



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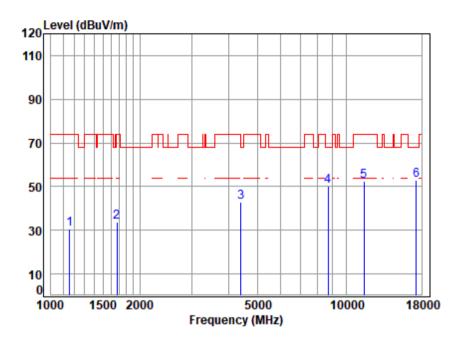


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 284 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5755 TX RSE

: 5G WIFI 11AC40 Note

•••		****	11/10/10						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1155.48	2.73	24.22	37.86	41.47	30.56	74.00	-43.44	peak
2	1672.78	3.46	26.75	36.46	40.16	33.91	74.00	-40.09	peak
3	4405.09	6.68	33.50	34.61	37.32	42.89	68.20	-25.31	peak
4	8688.48	9.86	36.68	35.68	39.23	50.09	68.20	-18.11	peak
5	11510.00	11.59	38.00	36.30	39.05	52.34	74.00	-21.66	peak
6	q 17265.00	14.18	43.37	37.46	32.91	53.00	68.20	-15.20	peak



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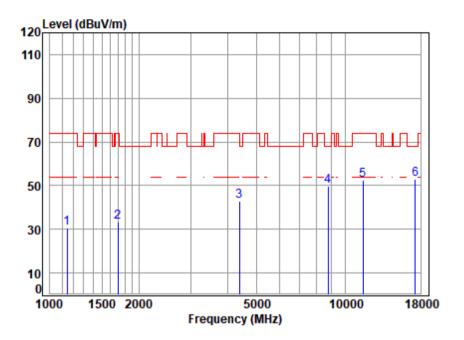


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 285 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5755 TX RSE

: 5G WIFI 11AC40 Note

Limit Over Line Limit Remark
Line Limit Remark
iBuV/m dB
74.00 -43.26 peak
74.00 -40.59 peak
74.00 -31.07 peak
68.20 -18.28 peak
74.00 -21.60 peak
6



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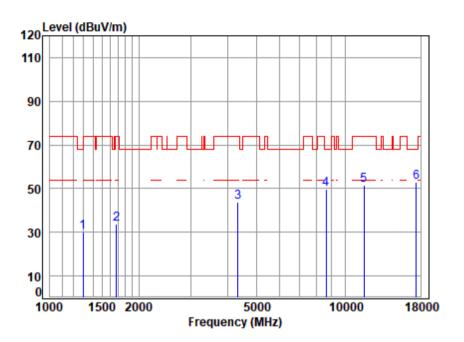


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 286 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5795 TX RSE Note : 5G WIFI 11AC40

Cable Ant Preamp Read Limit

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	-								
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
			,						
1	1293.36	2.95	24.67	37.43	40.00	30.19	68.20	-38.01	peak
2	1682.48	3.47	26.77	36.44	39.85	33.65	74.00	-40.35	peak
3	4341.89	6.62	33.60	34.57	38.23	43.88	74.00	-30.12	peak
4	8613.47	9.79	36.60	35.72	39.13	49.80	68.20	-18.40	peak
5	11590.00	11.64	38.00	36.35	38.20	51.49	74.00	-22.51	peak
6	q 17385.00	14.20	43.49	37.44	32.73	52.98	68.20	-15.22	peak



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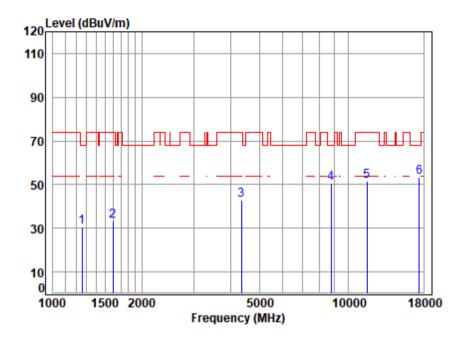


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 287 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5795 TX RSE

Note : 5G WIFI 11AC40

		****	11/10/10						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.51	2.89	24.53	37.54	40.56	30.44	68.20	-37.76	peak
2	1597.18	3.37	26.47	36.64	40.07	33.27	74.00	-40.73	peak
3	4354.45	6.63	33.59	34.58	37.46	43.10	74.00	-30.90	peak
4	8764.15	9.92	36.70	35.63	39.76	50.75	68.20	-17.45	peak
5	11590.00	11.64	38.00	36.35	38.13	51.42	74.00	-22.58	peak
6	q 17385.00	14.20	43.49	37.44	33.08	53.33	68.20	-14.87	peak



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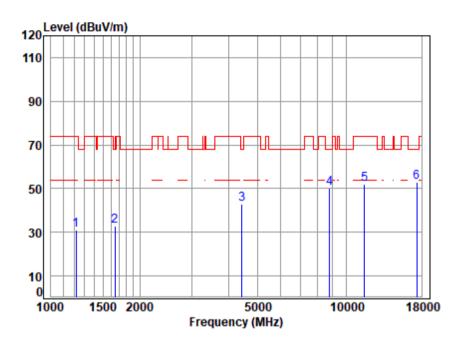


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 288 of 290

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5775 TX RSE : 5G WIFI 11AC80 Note

occ		MATIT	TIACOU						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1217.19	2.83	24.43	37.66	41.40	31.00	74.00	-43.00	peak
2	1648.78	3.43	26.70	36.52	39.04	32.65	68.20	-35.55	peak
3	4430.63	6.71	33.50	34.63	37.34	42.92	68.20	-25.28	peak
4	8789.52	9.95	36.70	35.62	39.02	50.05	68.20	-18.15	peak
5	11550.00	11.61	38.00	36.33	38.79	52.07	74.00	-21.93	peak
6	q 17325.00	14.19	43.43	37.45	32.85	53.02	68.20	-15.18	peak



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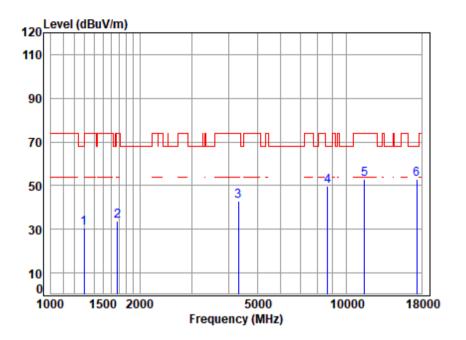


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 289 of 290

Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5775 TX RSE

: 5G WIFI 11AC80 Note

	. 50	AATI T	TIACOU						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1297.10	2.95	24.69	37.42	40.21	30.43	68.20	-37.77	peak
2	1677.62	3.46	26.76	36.45	40.03	33.80	74.00	-40.20	peak
3	4316.86	6.60	33.60	34.55	37.29	42.94	74.00	-31.06	peak
4	8638.40	9.81	36.60	35.71	39.07	49.77	68.20	-18.43	peak
5	11550.00	11.61	38.00	36.33	39.44	52.72	74.00	-21.28	peak
6 q	17325.00	14.19	43.43	37.45	32.89	53.06	68.20	-15.14	peak



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230500147605

Page: 290 of 290

8 **Test Setup Photo**

Refer to Test Setup Photo for SZCR2305001476AT

EUT Constructional Details (EUT Photos) 9

Refer to External and Internal Photos for SZCR2305001476AT

- End of the Report -



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