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FCC REPORT

Application No:	plication No: SZEM171202939RG	
Applicant:	t: Huawei Technologies Co.,Ltd	
Manufacturer:	Huawei Technologies Co.,Ltd	
Factory:	Huawei Technologies Co.,Ltd	
Product Name:	Smart Phone	
Model No.(EUT):	EML-L29,	
Trade Mark::	HUAWEI	
FCC ID:	QISEML-L29	
IC ID:	6369A-EMLL29	
Standards:	47 CFR Part 15, Subpart E (2018)	
	RSS-Gen Issue 4 Nov 2014	
	RSS 247 Issue 2 Feb 2017	
Test Method	KDB 789033 D02 v02r01	
	ANSI C63.10.2013	
Date of Receipt:	2018-01-03	
Date of Test:	2018-01-04 to 2018-01-31	
Date of Issue:	2018-02-01	
Test Result:	PASS *	

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

Authorized Signature:

Verde yang

Derek Yang Wireless Laboratory Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.



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2 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2018-02-01		Original

Authorized for issue by:		
Tested By	Mike Mu	2018-02-01
	(Mike Hu) /Project Engineer	Date
Checked By	John Hong	2018-02-01
	(Jim Huang) /Reviewer	Date



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3 Test Summary

Test Item	Test Requirement	Test method	Result
	47 CFR Part 15		
Antenna Requirement	Section 15.203	ANSI C63.10: 2013	PASS
	RSS-Gen Issue 4		
AC Power Line	47 CFR Part 15		
Conducted	Section 15.207	ANSI C63.10: 2013	PASS
Emission	RSS-Gen Issue 4		
Dedicted Courieus	47 CFR Part 15		
Radiated Spurious Emissions	Section 15.407(b)	ANSI C63.10: 2013	PASS
EIIISSIOIIS	RSS-247 6.2		
Restricted bands around	47 CFR Part 15		
fundamental frequency	Section 15.407(b)	ANSI C63.10: 2013	PASS
(Radiated Emission)	RSS-247 6.2		



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5 General Information

5.1 Client Information

Applicant:	Huawei Technologies Co., Ltd.
Address of Applicant:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C
Manufacturer:	Huawei Technologies Co., Ltd.
Address of Manufacturer:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C
Factory:	Huawei Technologies Co., Ltd.
Address of Factory:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C

5.2 General Description of EUT

Product Name:	Smart Phone
Model No.:	PAT-L29
Trade Mark:	HUAWEI
Operation Frequency:	IEEE 802.11a/ n(HT20/40)/ ac(HT20/40/80): 5150MHz to 5250MHz IEEE 802.11a/ n(HT20/40)/ ac(HT20/40/80): 5250MHz to 5350MHz IEEE 802.11a/ n(HT20/40)/ ac(HT20/40/80): 5470MHz to 5725MHz IEEE 802.11a/ n(HT20/40)/ ac(HT20/40/80): 5725MHz to 5850MHz
Type of Modulation:	IEEE 802.11a: OFDM(BPSK/QPSK/16QAM/64QAM) IEEE 802.11n: OFDM(BPSK/QPSK/16QAM/64QAM) IEEE 802.11ac: OFDM(BPSK/QPSK/16QAM/64QAM/256QAM)
Sample Type:	Portable Device
Antenna Type:	Intergral
Antenna Gain:	Antenna1 :-1.45dBi, Antenna2 :1.41dBi
EUT Power Supply:	DC3.82V (1 x 3.82V Rechargeable battery)3320mAh Battery: Charge by DC 4.4V
AC adaptor:	Adaptor: Model:HW-050450U00 Input: AC100-240V 50/60Hz 0.75A Output:DC5.0V 2A / 4.5V 5A/ 5.0V 4.5A



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Note:

In FCC 15.31, for each band in which the device can be operated with the device operating at the number of frequencies in each band specified in the following table, and the selected channel to perform the test as below:

Frequency Range of	Number of Measurement	Location of Measurement Frequency
Operation Operating	Frequencies Required	in Band of Operation
Frequency Range (in each		
Band)		
1 MHz or less	1	centre
1 MHz to 10 MHz	2	1 near high end, 1 near low end
Greater than 10 MHz	3	1 near high end, 1 near centre

For UNII Band I:

Mode	Channel	Frequency(MHz)
IEEE 802.11a/n/ac 20MHz	The Lowest channel	5180
	The Middle channel	5220
	The Highest channel	5240
IEEE 802.11n/ac 40MHz	The Lowest channel	5190
	The Highest channel	5230
IEEE 802.11ac 80MHz	The Middle channel	5210

For UNII Band II-A:

Mode	Channel	Frequency(MHz)
IEEE 802.11a/n/ac 20MHz	The Lowest channel	5260
	The Middle channel	5300
	The Highest channel	5320
IEEE 802.11n/ac 40MHz	The Lowest channel	5270
	The Highest channel	5310
IEEE 802.11ac 80MHz	The Middle channel	5290



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For UNII Band II-C:

Mode	Channel	Frequency(MHz)
IEEE 802.11a/n/ac 20MHz	The Lowest channel	5500
	The Middle channel	5580
	The Highest channel	5700
IEEE 802.11n/ac 40MHz	The Lowest channel	5510
	The Middle channel	5550
	The Highest channel	5670
IEEE 802.11ac 80MHz	The Lowest channel	5530
	The Highest channel	5610

For UNII Band III:

Mode	Channel	Frequency(MHz)
IEEE 802.11a/n/ac 20MHz	The Lowest channel	5745
	The Middle channel	5785
	The Highest channel	5825
IEEE 802.11n/ac 40MHz	The Lowest channel	5755
	The Highest channel	5795
IEEE 802.11ac 80MHz	The Middle channel	5775



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5.3 Test Environment and Mode

Operating Environment:				
Temperature:	25.0 °C			
Humidity:	55 % RH			
Atmospheric Pressure:	1010 mbar			
Test mode:				
Transmitting mode:	Keep the EUT in transmitting mode with all kind of modulation and all kind of data rate.			

5.4 Description of Support Units

The EUT has been tested independent unit.

5.5 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, Shenzhen, Guangdong, China. 518057.

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

No tests were sub-contracted.



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5.6 Test Facility

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

CNAS (No. CNAS L2929)

CNAS has accredited SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

• 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

The 10m Semi-anechoic chamber and Shielded Room of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-823, R-4188, T-1153 and C-2383 respectively.

• FCC – Designation Number: CN1178

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

Designation Number: CN1178. Test Firm Registration Number: 406779.

Industry Canada (IC)

Two 3m Semi-anechoic chambers and the 10m Semi-anechoic chamber of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab have been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 4620C-1, 4620C-2, 4620C-3.

5.7 Deviation from Standards

None.

5.8 Abnormalities from Standard Conditions

None.

5.9 Other Information Requested by the Customer

None



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5.10 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty		
1	Total RF power, conducted	0.75dB		
2	RF power density, conducted	2.84dB		
3	Spurious emissions, conducted	0.75dB		
		4.5dB (30MHz-1GHz)		
4	Radiated Spurious emission test	4.8dB (1GHz-25GHz)		
5	Conduct emission test	3.12 dB(9KHz- 30MHz)		
6	Temperature test	1 °C		
7	Humidity test	3%		
8	DC and low frequency voltages	0.5%		



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5.11 Equipment List

	Conducted Emission									
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (vvvv-mm-dd)				
1	Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2017-05-10	2018-05-10				
2	LISN	Rohde & Schwarz	ENV216	SEM007-01	2017-10-09	2018-10-09				
3	LISN	ETS-LINDGREN	3816/2	SEM007-02	2017-04-14	2018-04-14				
4	8 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN-T8- 02	EMC0120	2017-09-28	2018-09-28				
5	4 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN-T4- 02	EMC0121	2017-09-28	2018-09-28				
6	2 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN-T2- 02	EMC0122	2017-09-28	2018-09-28				
7	EMI Test Receiver	Rohde & Schwarz	ESCI	SEM004-02	2017-04-14	2018-04-14				
8	DC Power Supply	Zhao Xin	RXN-305D	SEM011-02	2017-10-09	2018-10-09				

	RF connected test								
Item	Test Equipment	Manufacturer	Model No. Inventory No.		Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)			
1	DC Power Supply	ZhaoXin	RXN-305D	SEM011-02	2017-10-09	2018-10-09			
2	Signal Analyzer	Rohde &Schwarz	FSV	W005-02	2017-03-06	2018-03-06			
3	Signal Generator	Rohde &Schwarz	SML03	SEM006-02	2017-04-14	2018-04-14			
4	Power Meter	Rohde &Schwarz	NRVS	SEM014-02	2017-10-09	2018-10-09			
5	Power Sensor	Agilent Technologies	U2021XA	SEM009-01	2017-10-09	2018-10-09			



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	RE in Chamber								
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)			
1	3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2017-05-10	2018-05-10			
2	EMI Test Receiver	Agilent Technologies	N9038A	SEM004-05	2017-10-09	2018-10-09			
3	BiConiLog Antenna (26-3000MHz)	ETS-LINDGREN	3142C	SEM003-01	2017-11-01	2020-11-01			
4	Double-ridged horn (1-18GHz)	ETS-LINDGREN	3117	SEM003-11	2015-10-17	2018-10-17			
5	Horn Antenna (18-26GHz)	ETS-LINDGREN	3160	SEM003-12	2017-11-24	2020-11-24			
6	Pre-amplifier (0.1-1300MHz)	Agilent Technologies	8447D	SEM005-01	2017-04-14	2018-04-14			
7	Band filter	Amindeon	Asi 3314	SEM023-01	N/A	N/A			
8	DC Power Supply	Zhao Xin	RXN-305D	SEM011-02	2017-10-09	2018-10-09			
9	Loop Antenna	Beijing Daze	ZN30401	SEM003-09	2015-05-13	2018-05-13			

	RE in Chamber									
Item	Test Equipment Manufacturer		Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)				
1	10m Semi-Anechoic Chamber	SAEMC	FSAC1018	SEM001-03	2017-05-10	2018-05-10				
2	EMI Test Receiver (9k-7GHz)	Rohde & Schwarz	ESR	SEM004-03	2017-04-14	2018-04-14				
3	Trilog-Broadband Antenna(30M-1GHz)	Schwarzbeck	VULB9168	SEM003-18	2016-06-29	2019-06-29				
4	Pre-amplifier	Sonoma Instrument Co	310N	SEM005-03	2017-07-06	2018-07-06				
5	.Loop Antenna	ETS-Lindgren	6502	SEM003-08	2015-08-14	2018-08-14				



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	RE in Chamber								
Item	Test Equipment Manufacturer Model No. Inve		Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)				
1	3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2017-05-10	2018-05-10			
2	EXA Spectrum Analyzer	Agilent Technologies Inc	N9010A	SEM004-09	2017-07-19	2018-07-19			
3	BiConiLog Antenna (26-3000MHz)	ETS-Lindgren	3142C	SEM003-02	2017-11-15	2020-11-15			
4	Amplifier (0.1-1300MHz)	HP	8447D	SEM005-02	2017-10-09	2018-10-09			
5	Horn Antenna (1-18GHz)	Rohde & Schwarz	HF907	SEM003-07	2015-06-14	2018-06-14			
6	Horn Antenna (18-26GHz)	ETS-Lindgren	3160	SEM003-12	2017-11-24	2020-11-24			
7	HornAntenna (26GHz-40GHz)	A.H.Systems, inc.	SAS-573	SEM003-13	2015-02-12	2018-02-12			
8	Low Noise Amplifier	Black Diamond Series	BDLNA-0118- 352810	SEM005-05	2017-10-09	2018-10-09			
9	Band filter	Amindeon	Asi 3314	SEM023-01	N/A	N/A			



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6 Test results and Measurement Data

6.1 Antenna Requirement

Test Requirement:	47 CFR Part 15 Section 15.203
The antenna is of the antenna	s integrated antenna and no consideration of replacement. The best case gain is 1.41dBi.



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Test Requirement: 47 CFR Part 15 Section 15.407(b) Test Method: ANSI C63.10: 2013 Test Frequency Range: 150kHz to 30MHz Limit: Limit (dBuV) Frequency range (MHz) Quasi-peak Average 0.15-0.5 66 to 56* 56 to 46* 0.5-5 46 56 5-30 60 50 * Decreases with the logarithm of the frequency. **Test Procedure:** 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 $50\Omega/50\mu$ H + 5Ω 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: 2013 on conducted measurement. Test Setup: Shielding Room Test Receive EUT AF 80cm AC Maine LISN1 LISN2 AC Mains

6.2 Conducted Emissions

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Ground Reference Plane



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Exploratory Test Mode:	Transmitting with all kind of modulations, data rates at lowest, middle and highest channel.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass

Measurement Data

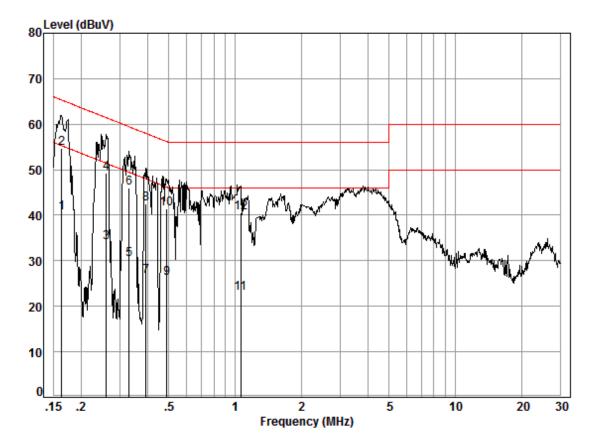
An initial pre-scan was performed on the live and neutral lines with peak detector.

Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

Live Line:



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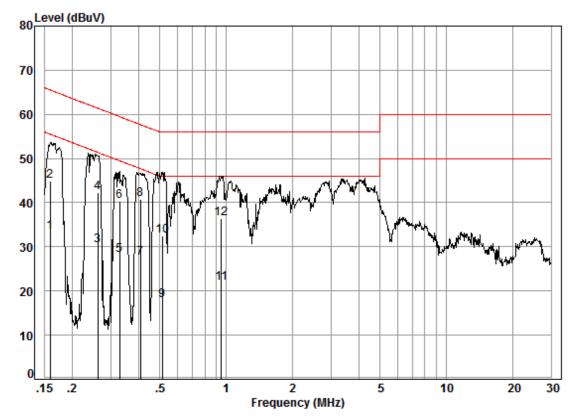
Site :	Shielding Room
Condition:	Neutral
Job No. :	12939RG
Test mode:	а

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.16	0.02	9.59	30.95	40.56	55.30	-14.74	Average
2	0.16	0.02	9.59	45.12	54.73	65.30	-10.57	QP
3	0.26	0.01	9.58	24.34	33.93	51.42	-17.49	Average
4	0.26	0.01	9.58	39.78	49.37	61.42	-12.05	QP
5	0.33	0.01	9.58	20.66	30.25	49.44	-19.19	Average
6	0.33	0.01	9.58	36.30	45.89	59.44	-13.55	QP
7	0.39	0.01	9.59	16.91	26.51	47.99	-21.48	Average
8	0.39	0.01	9.59	32.85	42.45	57.99	-15.54	QP
9	0.49	0.01	9.60	16.48	26.09	46.19	-20.10	Average
10	0.49	0.01	9.60	31.91	41.52	56.19	-14.67	QP
11	1.06	0.02	9.63	13.33	22.98	46.00	-23.02	Average
12	1.06	0.02	9.63	30.95	40.60	56.00	-15.40	QP



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Neutral Line:



Site : Shielding Room Condition: Line Job No. : 12939RG Test mode: a

	model a							
		Cable	LISN	Read		Limit	0ver	
	Freq	Loss	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.16	0.02	9.51	23.77	33.30	55.52	-22.22	Average
2	0.16	0.02	9.51	35.46	44.99	65.52	-20.53	QP
3	0.26	0.01	9.51	20.75	30.27	51.38	-21.11	Average
4	0.26	0.01	9.51	32.83	42.35	61.38	-19.03	QP
5	0.33	0.01	9.50	18.68	28.19	49.49	-21.30	Average
6	0.33	0.01	9.50	30.92	40.43	59.49	-19.06	QP
7	0.41	0.01	9.49	17.87	27.37	47.68	-20.31	Average
8	0.41	0.01	9.49	31.21	40.71	57.68	-16.97	QP
9	0.51	0.01	9.50	8.30	17.81	46.00	-28.19	Average
10	0.51	0.01	9.50	23.05	32.56	56.00	-23.44	QP
11	0.95	0.02	9.50	12.30	21.82	46.00	-24.18	Average
12	0.95	0.02	9.50	26.88	36.40	56.00	-19.60	QP
								-

Notes:

1. The following Quasi-Peak and Average measurements were performed on the EUT:

2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.



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6.3 Radiated Spurious Emissions

0.5		Z CED Dort 15 Section 15 407(b)					
	Test Requirement:	47 CFR Part 15 Section 15.407(b)					
	Test Method:	ANSI C63.10: 2013					
	Test Site:	Measurement Distance: 3m or 10m (Semi-Anechoic Chamber)					
	Test Setup:						
	AE EUT (Turntable) Ground Reference Test Receiver	Antenna Tower Antenna Tower Plane Plane Plane Controlles Test Receiver Test Receiver Controlles Controlles Controlles Controlles Controlles Controlles					
	Figure 1. 30M	Hz to 1GHz Figure 2. Above 1 GHz					
	Test Procedure:	 a. For below 1GHz test, 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 camber. The table was rotated 360 degrees to determine the position of the highest radiation. b. For above 1GHz test, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic camber. 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 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. Test the EUT in the outermost channels. h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. i. Repeat above procedures until all frequencies measured was complete. 					
	Exploratory Test Mod	e: Transmitting with all kind of modulations, data rates.					
	Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20); MCS0 of rate is the worst case of 802.11ac(HT40); MCS0 of rate is the worst to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sos.com/en/Terms-and-Conditions.aspx and, for					

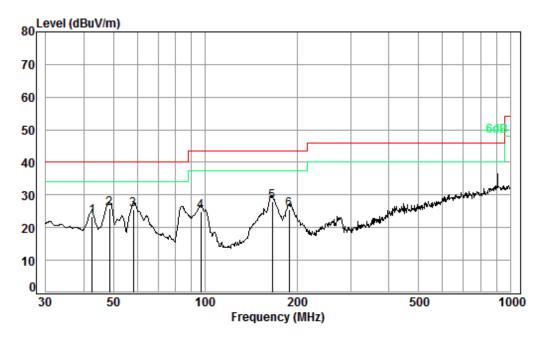


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	case of 802.11ac(HT80)
	For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass

6.3.1 Radiated emission below 1GHz

30MHz~1GHz (QP)		
Test mode:	Transmitting	Vertical



Condition: 3m VERTICAL Job No. : 12939RG

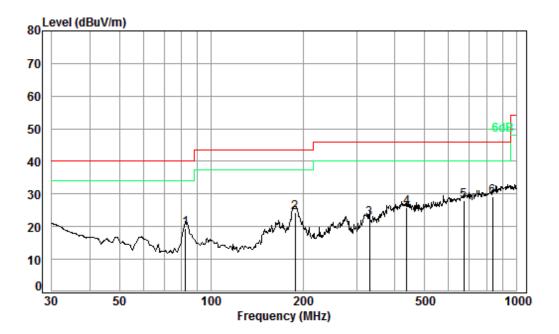
Test mode: a

	Freq			Preamp Factor				Over Limit
_	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 2 pp	42.60 48.50			27.62 27.60				
3	58.20	0.80	13.37	27.57	38.97	25.57	40.00	-14.43
4 5	96.77 166.07	1.17 1.35		27.51 27.52				
6	188.41	1.38	16.16	27.53	35.43	25.44	43.50	-18.06



Report No.: SZEM171201293902 Page: 21 of 817

Test mode:	Transmitting	Horizontal



Condition: 3m HORIZONTAL Job No. : 12939RG Test mode: a

	Freq			Preamp Factor				Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 2 3 4 5 6 pp	82.36 188.41 330.19 437.12 672.84 836.24	2.00 2.36 2.85	16.16 20.53 23.27 27.57		34.22 27.62 27.98 25.29	24.23 22.55 25.82 28.12	43.50 46.00 46.00 46.00	-19.27 -23.45 -20.18 -17.88



Report No.: SZEM171201293902 Page: 22 of 817

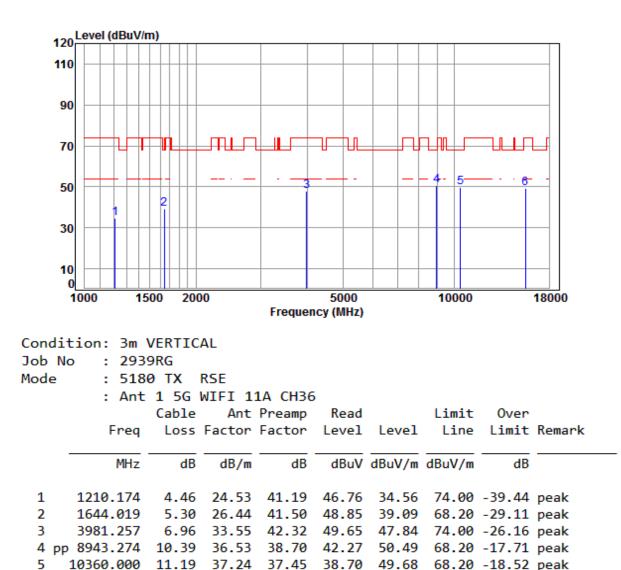
6.3.2Transmitter emission above 1GHz

ANT1

Test plot as follows:

6

Test mode:802.11aFrequency(MHz):5180PeakVertical
--



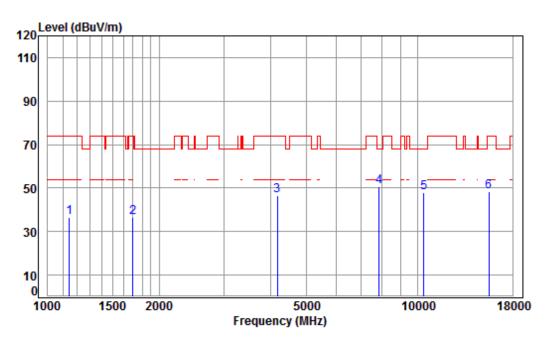
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15540.000 14.30 41.38 39.00 32.62 49.30 74.00 -24.70 peak



Report No.: SZEM171201293902 Page: 23 of 817

rest mode. 802.11a Frequency(MHz). 5160 Feak Honzontai	Test mode:	802.11a	Frequency(MHz):	5180	Peak	Horizontal
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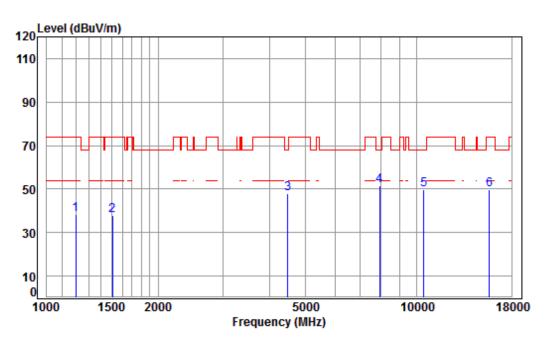


Condit Job No Mode	: 5180	ƏRG ƏTX	RSE	LA CH36					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	4.20	24.20	41.14	49.32	36.58	74.00	-37.42	peak
2	1697.129	5.23	26.66	41.53	46.24	36.60	74.00	-37.40	peak
3	4169.698	7.18	33.60	42.36	48.21	46.63	74.00	-27.37	peak
4 pp	7852.524	9.96	36.51	40.29	44.32	50.50	68.20	-17.70	peak
5	10360.000	11.19	37.24	37.45	37.12	48.10	68.20	-20.10	peak
6	15540.000	14.30	41.38	39.00	31.64	48.32	74.00	-25.68	peak



Report No.: SZEM171201293902 Page: 24 of 817

	Test mode:	802.11a	Frequency(MHz):	5220	Peak	Vertical
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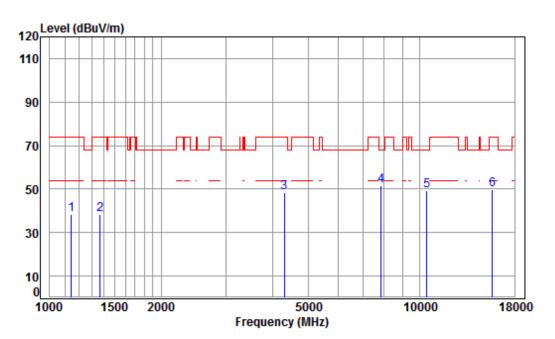


Job N	ition: 3m V No : 2939		AL						
Mode	: 5220	9 TX	RSE						
	: Ant	1 5G	WIFI 1	1A CH44					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	4.42	24.48	41.18	50.60	38.32	74.00	-35.68	peak
2	1507.470	5.47	25.83	41.41	48.12	38.01	74.00	-35.99	peak
3	4482.150	7.54	33.60	42.41	49.14	47.87	68.20	-20.33	peak
4 p	p 7920.911	9.96	36.55	40.25	45.26	51.52	68.20	-16.68	peak
5	10440.000	11.25	37.16	37.51	38.75	49.65	68.20	-18.55	peak
6	15660.000	14.48	41.34	39.11	32.81	49.52	74.00	-24.48	peak
									-



Report No.: SZEM171201293902 Page: 25 of 817

rest mode: 802.11a Frequency(MHz): 5220 Peak Honzontal	Test mode:	802.11a	Frequency(MHz):	5220	Peak	Horizontal
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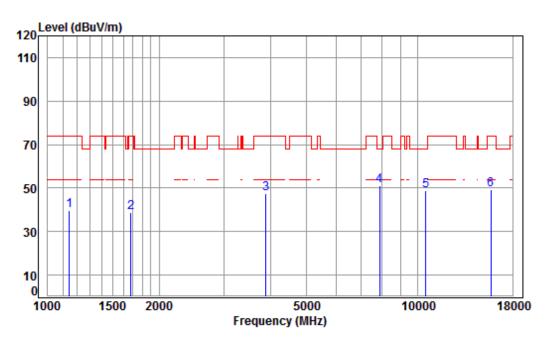


Job No	: 5220	ƏRG Ə TX	RSE	1A CH44					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	4.20	24.20	41.14	50.97	38.23	74.00	-35.77	peak
2	1370.328	5.05	25.26	41.32	49.51	38.50	74.00	-35.50	peak
3	4304.400	7.34	33.60	42.38	49.60	48.16	74.00	-25.84	peak
4 pp	7852.524	9.96	36.51	40.29	45.17	51.35	68.20	-16.85	peak
5	10440.000	11.25	37.16	37.51	38.16	49.06	68.20	-19.14	peak
6	15660.000	14.48	41.34	39.11	33.12	49.83	74.00	-24.17	peak



Report No.: SZEM171201293902 Page: 26 of 817

	Test mode: 802.11a	Frequency(MHz):	5240	Peak	Vertical
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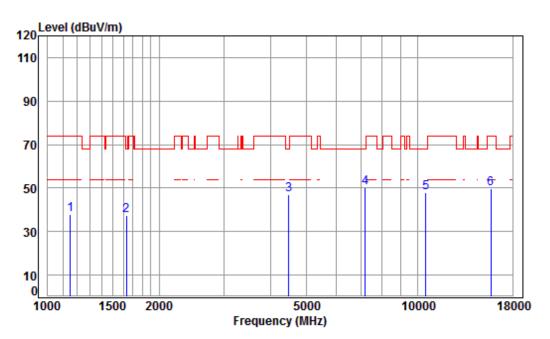


Condi Job No Mode	: 5240	ƏRG ƏTX	RSE	1A CH48					
		Cable		Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	4.20	24.20	41.14	52.49	39.75	74.00	-34.25	peak
2	1677.621	5.25	26.58	41.52	48.63	38.94	74.00	-35.06	peak
3	3890.255	6.87	33.31	42.30	49.37	47.25	74.00	-26.75	peak
4 pp	7875.254	9.96	36.53	40.28	44.72	50.93	68.20	-17.27	peak
5	10480.000	11.28	37.12	37.53	37.87	48.74	68.20	-19.46	peak
6	15720.000	14.57	41.31	39.17	32.38	49.09	74.00	-24.91	peak



Report No.: SZEM171201293902 Page: 27 of 817

rest mode. 802.11a riequency(MHz). 5240 reak nonzontal	Test mode:	802.11a	Frequency(MHz):	5240	Peak	Horizontal
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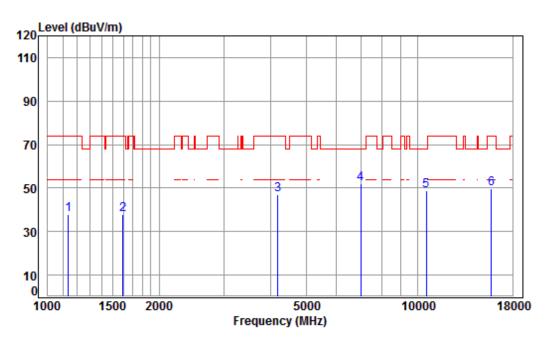


Condi Job No Mode	: 5240	ƏRG ƏTX	RSE	1A CH48					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1152.148	4.22	24.24	41.14	50.52	37.84	74.00	-36.16	peak
2	1629.825	5.31	26.38	41.49	47.14	37.34	68.20	-30.86	peak
3	4482.150	7.54	33.60	42.41	48.14	46.87	68.20	-21.33	peak
4 pp	7200.309	10.08	36.42	40.72	44.43	50.21	68.20	-17.99	peak
5	10480.000	11.28	37.12	37.53	37.16	48.03	68.20	-20.17	peak
6	15720.000	14.57	41.31	39.17	33.18	49.89	74.00	-24.11	peak



Report No.: SZEM171201293902 Page: 28 of 817

	Test mode:	802.11a	Frequency(MHz):	5260	Peak	Vertical
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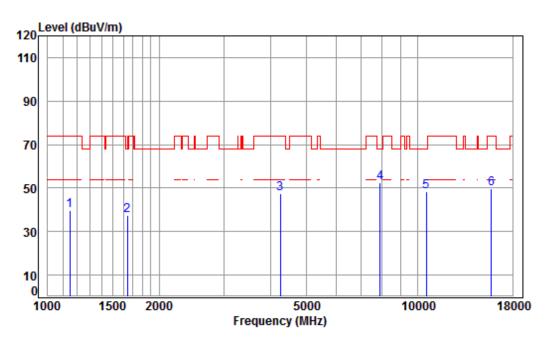


Condi Job No Mode	: 5260	ƏRG Ə TX	RSE	1A CH52					
		Cable		Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1138.904	4.17	24.17	41.13	50.54	37.75	74.00	-36.25	peak
2	1597.181	5.35	26.24	41.47	47.63	37.75	74.00	-36.25	peak
3	4181.768	7.20	33.60	42.36	48.55	46.99	74.00	-27.01	peak
4 pp	7015.420	10.13	36.49	40.84	46.22	52.00	68.20	-16.20	peak
5	10520.000	11.30	37.12	37.56	37.99	48.85	68.20	-19.35	peak
6	15780.000	14.66	41.29	39.22	32.93	49.66	74.00	-24.34	peak



Report No.: SZEM171201293902 Page: 29 of 817

Test mode:802.11aFrequency(MHz):5260PeakHorizontal
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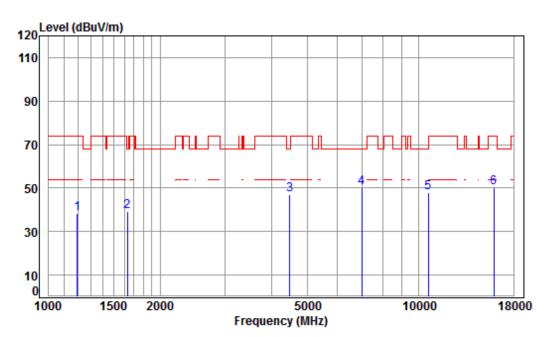


Condi Job No Mode	: 526	ƏRG Ə TX	RSE	LA CH52					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1148.823	4.21	24.22	41.14	52.30	39.59	74.00	-34.41	peak
2	1644.019	5.30	26.44	41.50	47.29	37.53	68.20	-30.67	peak
3	4254.921	7.28	33.60	42.37	49.06	47.57	74.00	-26.43	peak
4 pp	7898.049	9.96	36.54	40.26	46.12	52.36	68.20	-15.84	peak
5	10520.000	11.30	37.12	37.56	37.62	48.48	68.20	-19.72	peak
6	15780.000	14.66	41.29	39.22	33.00	49.73	74.00	-24.27	peak



Report No.: SZEM171201293902 Page: 30 of 817

Test mode:802.11aFrequency(MHz):5300PeakVertical
--

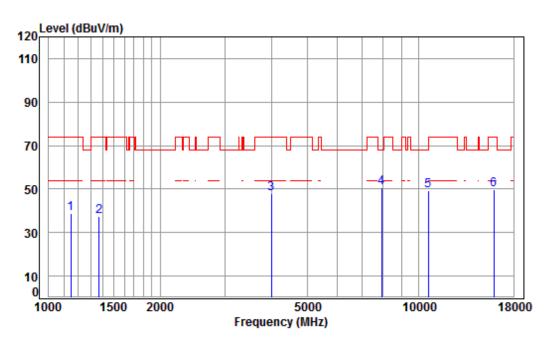


Condi Job N Mode									
	: Ant			1A CH60					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	4.40	24.46	41.18	50.46	38.14	74.00	-35.86	peak
2	1634.543	5.31	26.40	41.49	48.88	39.10	68.20	-29.10	peak
3	4482.150	7.54	33.60	42.41	48.21	46.94	68.20	-21.26	peak
4 pp	7015.420	10.13	36.49	40.84	44.55	50.33	68.20	-17.87	peak
5	10600.000	11.36	37.22	37.62	37.14	48.10	68.20	-20.10	peak
6	15900.000	14.84	41.24	39.33	33.56	50.31	74.00	-23.69	peak



Report No.: SZEM171201293902 Page: 31 of 817

Test mode:802.11aFrequency(MHz):5300PeakHorizontal
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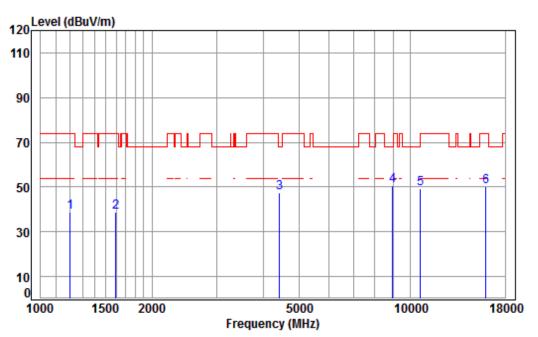


Job No	: 5300	ƏRG ƏTX	RSE	1A CH60)				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1148.823	4.21	24.22	41.14	51.27	38.56	74.00	-35.44	peak
2	1370.328	5.05	25.26	41.32	48.30	37.29	74.00	-36.71	peak
3	3992.781	6.97	33.58	42.32	49.56	47.79	74.00	-26.21	peak
4 pp	7920.911	9.96	36.55	40.25	44.56	50.82	68.20	-17.38	peak
5	10600.000	11.36	37.22	37.62	38.19	49.15	68.20	-19.05	peak
6	15900.000	14.84	41.24	39.33	33.15	49.90	74.00	-24.10	peak



Report No.: SZEM171201293902 Page: 32 of 817

Test mode: 802.11a Frequency(MHz): 5320	20 Peak Vertical
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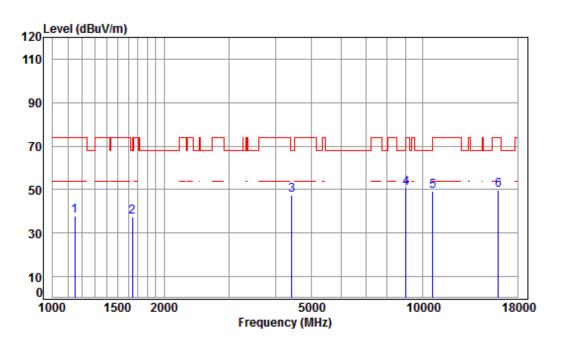


Condi Job N Mode	: 5320	9RG 0 TX	RSE						
	: Ant	1 5G Cable		1A CH64 Preamp	Read		Limit	0ver	
	Freq			Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	4.43	24.49	41.19	50.91	38.64	74.00	-35.36	peak
2	1597.181	5.35	26.24	41.47	48.85	38.97	74.00	-35.03	peak
3	4417.841	7.47	33.60	42.40	48.67	47.34	68.20	-20.86	peak
4 pp	8943.274	10.39	36.53	38.70	42.41	50.63	68.20	-17.57	peak
5	10640.000	11.39	37.27	37.64	38.07	49.09	74.00	-24.91	peak
6	15960.000	14.93	41.22	39.38	33.30	50.07	74.00	-23.93	peak



Report No.: SZEM171201293902 Page: 33 of 817

Test mode:802.11aFrequency(MHz):5320	Peak	Horizontal
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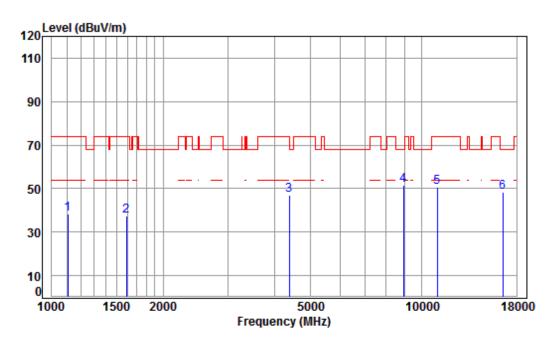


Condi	tion: 3m H	HORIZO	NTAL						
Job N	o : 293	9RG							
Mode	: 532	0 TX	RSE						
	: Ant	1 5G I	WIFI 1	1A CH64					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1148.823	4.21	24.22	41.14	50.45	37.74	74.00	-36.26	peak
2	1644.019	5.30	26.44	41.50	47.13	37.37	68.20	-30.83	peak
3	4417.841	7.47	33.60	42.40	48.65	47.32	68.20	-20.88	peak
4 pp	8995.123	10.40	36.59	38.62	42.41	50.78	68.20	-17.42	peak
5	10640.000	11.39	37.27	37.64	38.18	49.20	74.00	-24.80	peak
6	15960.000	14.93	41.22	39.38	32.97	49.74	74.00	-24.26	peak



Report No.: SZEM171201293902 Page: 34 of 817

Test mode:802.11aFrequency(MHz):5500PeakVertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

: 2959KG : 5500 TX RSE : Apt 1 56 WIET 114 CH100

	: Ant	1 5G	WIFI I	IA CHIE	00				
		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	1106.457	4.03	24.00	41.10	51.51	38.44	74.00	-35.56	peak
2	1592.571	5.36	26.22	41.47	47.33	37.44	74.00	-36.56	peak
3	4379.699	7.43	33.60	42.40	48.18	46.81	74.00	-27.19	peak
4	pp 8917.462	10.38	36.50	38.74	43.36	51.50	68.20	-16.70	peak
5	11000.000	11.63	37.70	37.88	39.40	50.85	74.00	-23.15	peak
6	16500.000	14.50	42.70	39.86	31.01	48.35	68.20	-19.85	peak



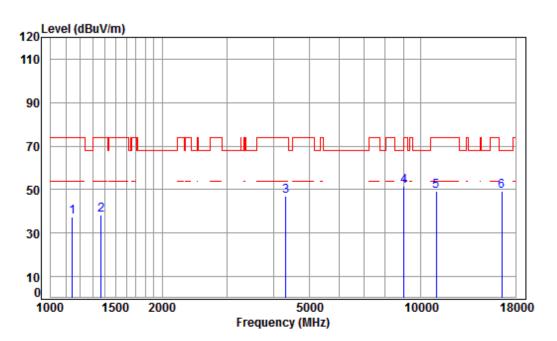
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Report No.: SZEM171201293902 Page: 35 of 817

Test mode:802.11aFrequency(MHz):5500	Peak	Horizontal
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Job No		9RG							
Mode	: 550	9 TX I	KSE						
	: Ant	1 5G N	WIFI 1	1A CH10	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	1145.507	4.20	24.20	41.14	50.24	37.50	74.00	-36.50	peak
2	1370.328	5.05	25.26	41.32	49.31	38.30	74.00	-35.70	peak
3	4316.859	7.36	33.60	42.38	48.22	46.80	74.00	-27.20	peak

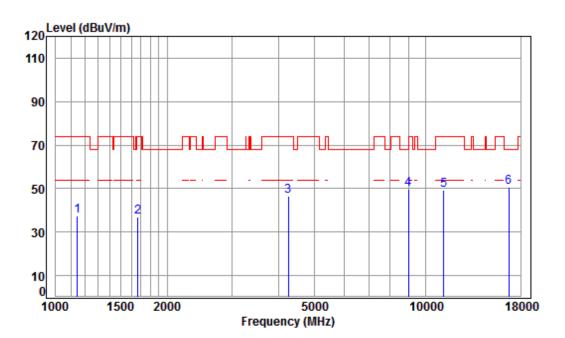
4 pp 8995.123 10.40 36.59 38.62 43.21 51.58 68.20 -16.62 peak

11000.000 11.63 37.70 37.88 37.79 49.24 74.00 -24.76 peak 16500.000 14.50 42.70 39.86 31.72 49.06 68.20 -19.14 peak



Report No.: SZEM171201293902 Page: 36 of 817

Test mode:802.11aFrequency(MHz):5580PeakVertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

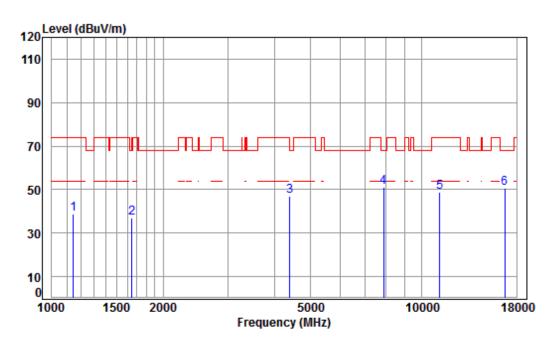
: 5580 TX RSE : Ant 1 5G WIFI 11A CH116

		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	1145.507	4.20	24.20	41.14	50.32	37.58	74.00	-36.42	peak
2	1667.951	5.27	26.54	41.51	46.85	37.15	74.00	-36.85	peak
3	4254.921	7.28	33.60	42.37	48.20	46.71	74.00	-27.29	peak
4	8969.161	10.39	36.56	38.66	41.65	49.94	68.20	-18.26	peak
5	11160.000	11.80	37.83	37.98	37.70	49.35	74.00	-24.65	peak
6	pp16740.000	15.57	42.75	40.07	32.55	50.80	68.20	-17.40	peak



Report No.: SZEM171201293902 Page: 37 of 817

Test mode:802.11aFrequency(MHz):5580) Peak Horizontal
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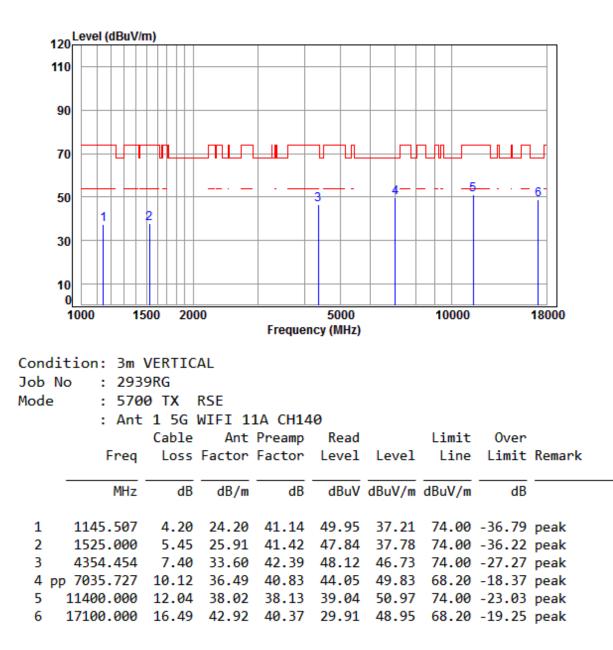
	tion: 3m		NTAL						
Mode	: 558	0 TX	RSE						
	: Ant	1 5G	WIFI 1	1A CH11	.6				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507								•

2	1648.//8	5.29	26.46	41.50	46.86	37.11	68.20 -31.09 peak
3	4392.376	7.44	33.60	42.40	48.24	46.88	74.00 -27.12 peak
4	pp 7875.254	9.96	36.53	40.28	44.69	50.90	68.20 -17.30 peak
5	11160.000	11.80	37.83	37.98	37.28	48.93	74.00 -25.07 peak
6	16740.000	15.57	42.75	40.07	32.37	50.62	68.20 -17.58 peak



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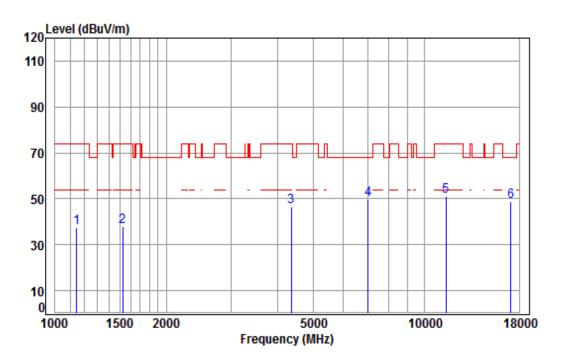
Test mode:802.11aFrequency(MHz):5700PeakVertical
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Test mode: 802.11a Frequency(MHz): 5700 Peak	Horizontal
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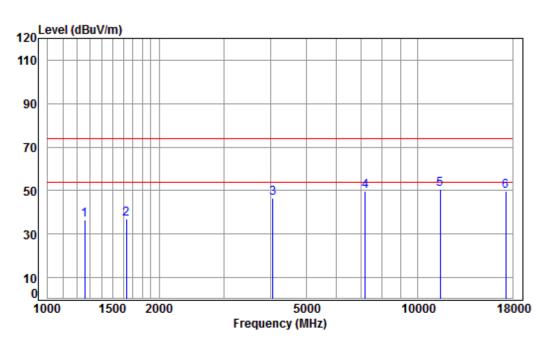
Job No	: 2939RG
Mode	: 5700 TX RSE
	: Ant 1 5G WIFI 11A CH140

	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	
1145.507	4.20	24.20	41.14	49.95	37.21	74.00	-36.79	peak
1525.000	5.45	25.91	41.42	47.84	37.78	74.00	-36.22	peak
4354.454	7.40	33.60	42.39	48.12	46.73	74.00	-27.27	peak
7035.727	10.12	36.49	40.83	44.05	49.83	68.20	-18.37	peak
1400.000	12.04	38.02	38.13	39.04	50.97	74.00	-23.03	peak
7100.000	16.49	42.92	40.37	29.91	48.95	68.20	-19.25	peak
	MHz 1145.507 1525.000 4354.454 7035.727 1400.000	Freq Loss MHz dB 1145.507 4.20 1525.000 5.45 4354.454 7.40 7035.727 10.12 1400.000 12.04	Freq Loss Factor MHz dB dB/m 1145.507 4.20 24.20 1525.000 5.45 25.91 4354.454 7.40 33.60 7035.727 10.12 36.49 1400.000 12.04 38.02	Freq Loss Factor Factor MHz dB dB/m dB 1145.507 4.20 24.20 41.14 1525.000 5.45 25.91 41.42 4354.454 7.40 33.60 42.39 7035.727 10.12 36.49 40.83 1400.000 12.04 38.02 38.13	Freq Loss Factor Factor Level MHz dB dB/m dB dBuV 1145.507 4.20 24.20 41.14 49.95 1525.000 5.45 25.91 41.42 47.84 4354.454 7.40 33.60 42.39 48.12 7035.727 10.12 36.49 40.83 44.05 1400.000 12.04 38.02 38.13 39.04	Freq Loss Factor Factor Level Level MHz dB dB/m dB dBuV dBuV/m 1145.507 4.20 24.20 41.14 49.95 37.21 1525.000 5.45 25.91 41.42 47.84 37.78 4354.454 7.40 33.60 42.39 48.12 46.73 7035.727 10.12 36.49 40.83 44.05 49.83 1400.000 12.04 38.02 38.13 39.04 50.97	Freq Loss Factor Factor Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1145.507 4.20 24.20 41.14 49.95 37.21 74.00 1525.000 5.45 25.91 41.42 47.84 37.78 74.00 4354.454 7.40 33.60 42.39 48.12 46.73 74.00 7035.727 10.12 36.49 40.83 44.05 49.83 68.20 1400.000 12.04 38.02 38.13 39.04 50.97 74.00	CableAntPreampReadLimitOverFreqLossFactorFactorLevelLevelLineLimitMHzdBdB/mdBdBdBuVdBuV/mdBuV/mdB1145.5074.2024.2041.1449.9537.2174.00-36.791525.0005.4525.9141.4247.8437.7874.00-36.224354.4547.4033.6042.3948.1246.7374.00-27.277035.72710.1236.4940.8344.0549.8368.20-18.371400.00012.0438.0238.1339.0450.9774.00-23.037100.00016.4942.9240.3729.9148.9568.20-19.25



Report No.: SZEM171201293902 Page: 40 of 817

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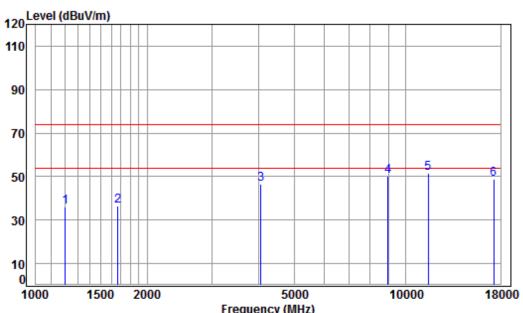


Condi Job N Mode	: 574	ƏRG 5 TX	RSE	1A CH14	.9				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1260.149	4.65	24 77	41.23	10 1 E	26 24	74 00	27 66	nook
-									•
2	1634.543	5.31	26.40	41.49	46.66	36.88	74.00	-37.12	peak
3	4062.629	7.06	33.60	42.34	48.27	46.59	74.00	-27.41	peak
4	7200.309	10.08	36.42	40.72	44.18	49.96	74.00	-24.04	peak
5 pp	011490.000	12.13	38.09	38.19	38.74	50.77	74.00	-23.23	peak
6	17235.000	16.18	43.08	40.48	30.97	49.75	74.00	-24.25	peak



Report No.: SZEM171201293902 Page: 41 of 817

Test mode:802.11aFrequency(MHz):5745PeakHorizontal
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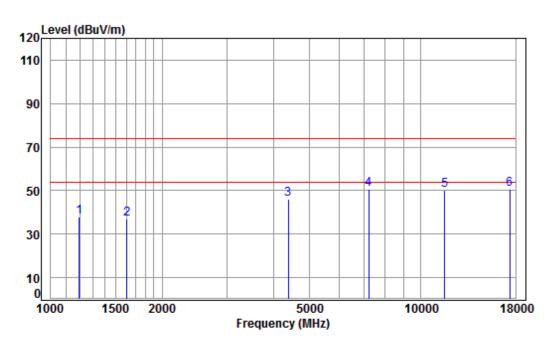


	riequency (wnz)												
Cond Job	dition: 3m l		NTAL										
Mode	e : 574	5 TX	RSE										
	: Ant	1 5G	WIFI 1	1A CH14	9								
		Cable	Ant	Preamp	Read		Limit	0ver					
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark				
										_			
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB					
							-						
1	1203 199	1 13	24 49	<i>/</i> 11 19	/18 51		74 00	-37 76	neak				
1	1203.199	4.43		41.19		36.24			•				
1 2	1667.951			41.19 41.51		36.24			•				
-			26.54	41.51	46.22	36.24	74.00	-37.48	peak				
2	1667.951	5.27	26.54 33.60	41.51	46.22 48.33	36.24 36.52 46.65	74.00 74.00	-37.48 -27.35	peak peak				
2 3 4	1667.951 4062.629	5.27 7.06 10.39	26.54 33.60 36.53	41.51 42.34 38.70	46.22 48.33 41.99	36.24 36.52 46.65 50.21	74.00 74.00 74.00	-37.48 -27.35 -23.79	peak peak peak				



Report No.: SZEM171201293902 Page: 42 of 817

Test mode:802.11aFrequency(MHz):5785	Peak	Vertical
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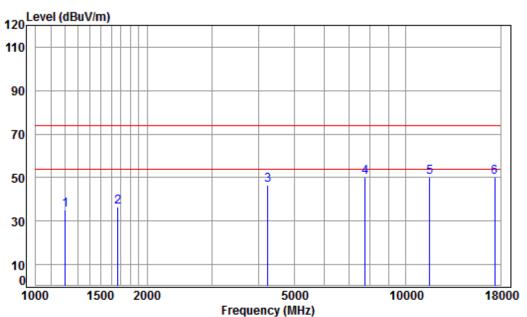


Condition: 3m VERTICAL Job No : 2939RG Mode : 5785 TX RSE : Ant 1 5G WIFI 11A CH157												
		Cable	Ant	Preamp	Read		Limit	0ver				
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark			
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB				
1	1196.264	4.40	24.46	41.18	50.06	37.74	74.00	-36.26	peak			
2	1606.441	5.34	26.28	41.47	46.81	36.96	74.00	-37.04	peak			
3	4379.699	7.43	33.60	42.40	47.58	46.21	74.00	-27.79	peak			
4 pp	7221.150	10.07	36.41	40.70	44.82	50.60	74.00	-23.40	peak			
5	11570.000	12.17	38.17	38.24	38.13	50.23	74.00	-23.77	peak			
6	17355.000	15.92	43.23	40.58	31.97	50.54	74.00	-23.46	peak			



Report No.: SZEM171201293902 Page: 43 of 817

Test mode: 802.11a Frequency(MHz): 5785 Peak Horizonta
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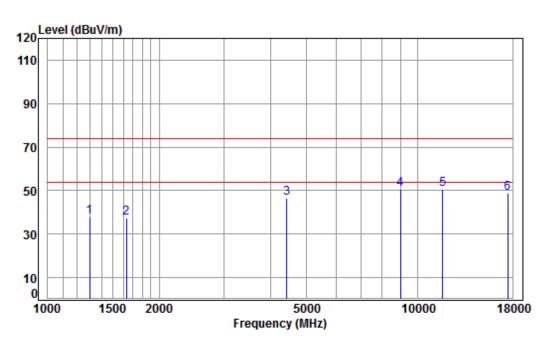


					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Con	dition: 3m	HORIZO	NTAL						
Job	No : 293	9RG							
Mod	e : 578	5 TX	RSE						
	: Ant	1 5G	WIFI 1	1A CH15	7				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	4.43	24.49	41.19	47.63	35.36	74.00	-38.64	peak
2	1667.951	5.27	26.54	41.51	46.31	36.61	74.00	-37.39	peak
3	4230.396	7.26	33.60	42.37	47.93	46.42	74.00	-27.58	peak
4	7762.260	9.97	36.46	40.35	43.92	50.00	74.00	-24.00	peak
5	11570.000	12.17	38.17	38.24	38.25	50.35	74.00	-23.65	peak
6	pp17355.000	15.92	43.23	40.58	31.84	50.41	74.00	-23.59	peak



Report No.: SZEM171201293902 Page: 44 of 817

Test mode: 802.11a Frequency(MHz): 5825 Peak Vertical

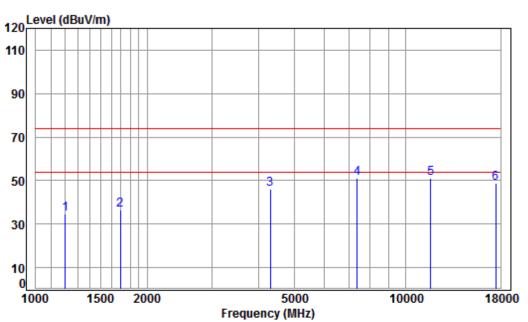


Condi Job No Mode	: 5825	ƏRG 5 TX	RSE	1A CH16	5				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1297.103	4.79	24.94	41.26	49.31	37.78	74.00	-36.22	peak
2	1634.543	5.31	26.40	41.49	47.11	37.33	74.00	-36.67	peak
3	4417.841	7.47	33.60	42.40	47.67	46.34	74.00	-27.66	peak
4	8969.161	10.39	36.56	38.66	42.39	50.68	74.00	-23.32	peak
5 pp	11650.000	12.20	38.25	38.29	38.67	50.83	74.00	-23.17	peak
6	17475.000	15.65	43.37	40.68	30.43	48.77	74.00	-25.23	peak



Report No.: SZEM171201293902 Page: 45 of 817

Test mode:802.11aFrequency(MHz):5825PeakHorizontal
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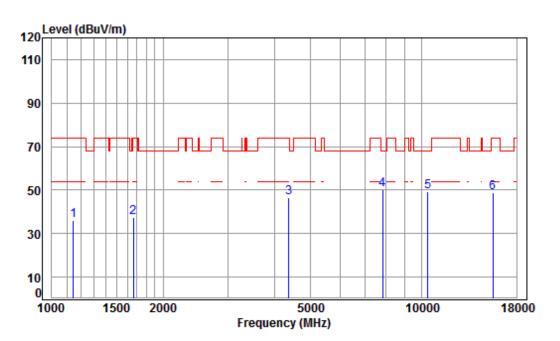


Con	dition: 3m	HORIZO	NTAL						
Job	No : 293	9RG							
Mod	e : 582	5 TX	RSE						
	: Ant	1 5G	WIFI 1	1A CH16	5				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	4.43	24.49	41.19	47.09	34.82	74.00	-39.18	peak
2	1692.231	5.24	26.64	41.53	45.96	36.31	74.00	-37.69	peak
3	4304.400	7.34	33.60	42.38	47.72	46.28	74.00	-27.72	peak
4	7390.070	10.03	36.34	40.59	45.13	50.91	74.00	-23.09	peak
5	pp11650.000	12.20	38.25	38.29	38.83	50.99	74.00	-23.01	peak
6	17475.000	15.65	43.37	40.68	30.29	48.63	74.00	-25.37	peak



Report No.: SZEM171201293902 Page: 46 of 817

Test mode: 802.11n(HT20) Frequency(MHz):	5180	Peak	Vertical
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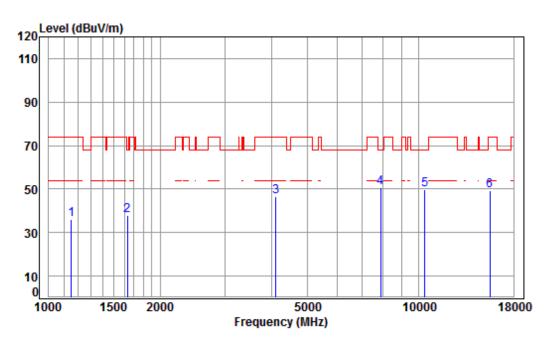


Condition: 3m VERTICAL Job No : 2939RG Mode : 5180 TX RSE : Ant 1 5G WIFI 11N CH36												
		Cable	Ant	Preamp	Read		Limit	0ver				
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark			
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB				
1	1145.507	4.20	24.20	41.14	48.66	35.92	74.00	-38.08	peak			
2	1663.137	5.27	26.52	41.51	47.05	37.33	74.00	-36.67	peak			
3	4367.058	7.41	33.60	42.39	47.74	46.36	74.00	-27.64	peak			
4 pp	7829.860	9.97	36.50	40.31	44.11	50.27	68.20	-17.93	peak			
5	10360.000	11.19	37.24	37.45	38.20	49.18	68.20	-19.02	peak			
6	15540.000	14.30	41.38	39.00	32.28	48.96	74.00	-25.04	peak			



Report No.: SZEM171201293902 Page: 47 of 817

Test mode:802.11n(HT20)Frequency(MHz):5180PeakHorizontal
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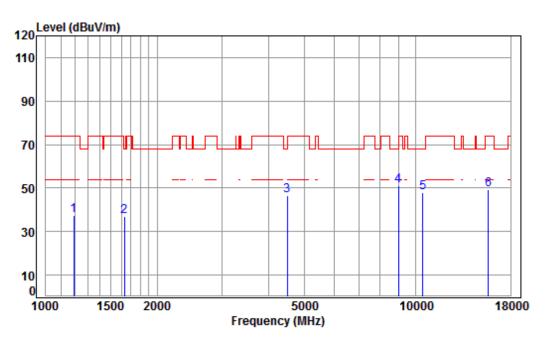


Condition: 3m HORIZONTAL Job No : 2939RG Mode : 5180 TX RSE : Ant 1 5G WIFI 11N CH36											
		Cable	Ant	Preamp	Read		Limit	0ver			
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	1152.148	4.22	24.24	41.14	48.73	36.05	74.00	-37.95	peak		
2	1629.825	5.31	26.38	41.49	47.78	37.98	68.20	-30.22	peak		
3	4109.872	7.11	33.60	42.35	48.09	46.45	74.00	-27.55	peak		
4 pp	7875.254	9.96	36.53	40.28	44.45	50.66	68.20	-17.54	peak		
5	10360.000	11.19	37.24	37.45	38.95	49.93	68.20	-18.27	peak		
6	15540.000	14.30	41.38	39.00	32.56	49.24	74.00	-24.76	peak		



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Test mode:802.11n(HT20)Frequency(MHz):5220PeakVertical
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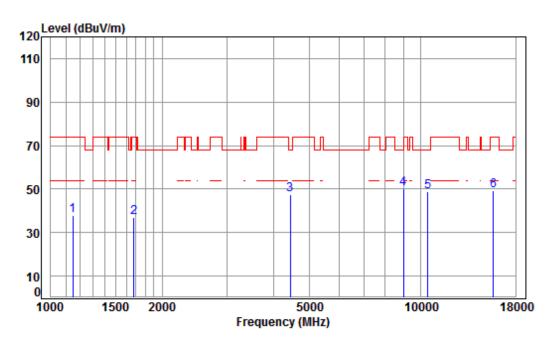


Condit Job No Mode	: 5220	ƏRG Ə TX	RSE	1N CH44					
	Freq	Cable	Ant	Preamp Factor	Read	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
5	8969.161 10440.000	5.31 7.55	26.38 33.60 36.56 37.16	41.18 41.49 42.42 38.66 37.51 39.11	46.77 47.94 42.67 37.23	36.97 46.67 50.96 48.13	68.20 68.20 68.20 68.20	-31.23 -21.53 -17.24	peak peak peak peak



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Test mode:802.11n(HT20)Frequency(MHz):5220PeakHorizontal
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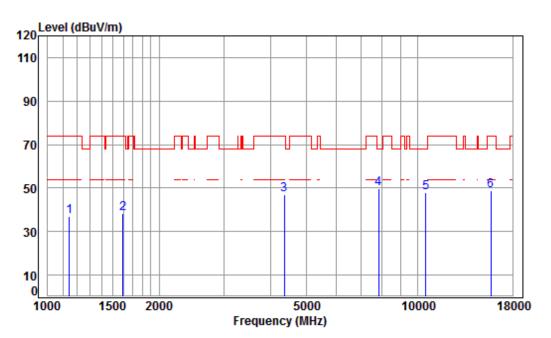


Condit Job No Mode	: 5220	ƏRG ƏTX	RSE	1N CH44					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1148.823	4.21	24.22	41.14	50.38	37.67	74.00	-36.33	peak
2	1677.621	5.25	26.58	41.52	46.48	36.79	74.00	-37.21	peak
3	4443.453	7.50	33.60	42.41	48.61	47.30	68.20	-20.90	peak
4 pp	8969.161	10.39	36.56	38.66	42.01	50.30	68.20	-17.90	peak
5	10440.000	11.25	37.16	37.51	38.00	48.90	68.20	-19.30	peak
6	15660.000	14.48	41.34	39.11	32.69	49.40	74.00	-24.60	peak



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Test mode:802.11n(HT20)Frequency(MHz):5240PeakVertical
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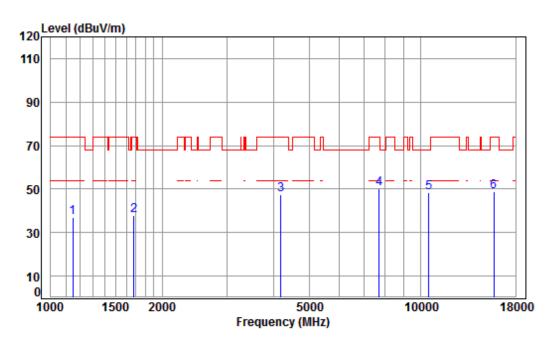


Condit Job No Mode	: 5240	ƏRG Ə TX	RSE	1N CH48					
		Cable		Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	4.20	24.20	41.14	49.50	36.76	74.00	-37.24	peak
2	1597.181	5.35	26.24	41.47	48.18	38.30	74.00	-35.70	peak
3	4354.454	7.40	33.60	42.39	48.52	47.13	74.00	-26.87	peak
4 pp	7829.860	9.97	36.50	40.31	43.67	49.83	68.20	-18.37	peak
5	10480.000	11.28	37.12	37.53	36.98	47.85	68.20	-20.35	peak
6	15720.000	14.57	41.31	39.17	32.22	48.93	74.00	-25.07	peak



Report No.: SZEM171201293902 Page: 51 of 817

Test mode:802.11n(HT20)Frequency(MHz):5240PeakHorizontal
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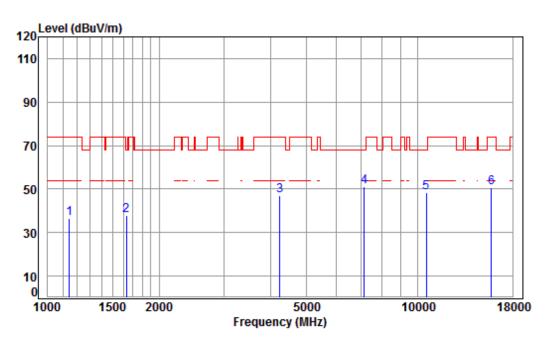


Cond Job Mode	: 5240	ƏRG ƏTX	RSE	1N CH48					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1148.823	4.21	24.22	41.14	49.86	37.15	74.00	-36.85	peak
2	1677.621	5.25	26.58	41.52	47.68	37.99	74.00	-36.01	peak
3	4181.768	7.20	33.60	42.36	49.13	47.57	74.00	-26.43	peak
4	7717.518	9.98	36.43	40.38	44.15	50.18	74.00	-23.82	peak
5	pp10480.000	11.28	37.12	37.53	37.59	48.46	68.20	-19.74	peak
6	15720.000	14.57	41.31	39.17	31.93	48.64	74.00	-25.36	peak



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Test mode:802.11n(HT20)Frequency(MHz):5260PeakVertical
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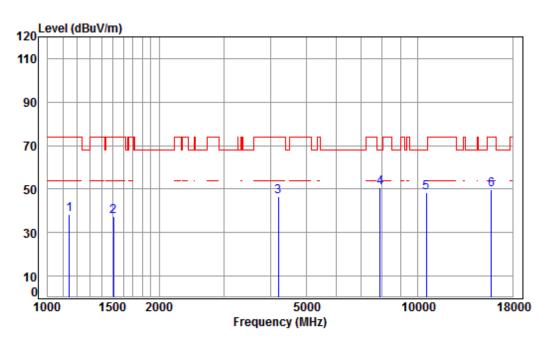


Condi Job No Mode	: 526	ƏRG ƏTX	RSE	1N CH52					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	4.20	24.20	41.14	49.09	36.35	74.00	-37.65	peak
2	1629.825	5.31	26.38	41.49	47.45	37.65	68.20	-30.55	peak
3	4230.396	7.26	33.60	42.37	48.58	47.07	74.00	-26.93	peak
4 pp	7158.806	10.09	36.43	40.74	45.29	51.07	68.20	-17.13	peak
5	10520.000	11.30	37.12	37.56	37.69	48.55	68.20	-19.65	peak
6	15780.000	14.66	41.29	39.22	33.95	50.68	74.00	-23.32	peak



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Test mode:802.11n(HT20)Frequency(MHz):5260PeakHorizonta	
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Cable Ant Preamp Read Limit Over Freq Loss Factor Factor Level Level Line Limit Remark MHz dB dB/m dB dBuV dBuV/m dBuV/m dB
· ·
MHz dB dB/m dB dBuV dBuV/m dBuV/m dB
MHz dB dB/m dB dBuV/mdBuV/m dB
1 1145.507 4.20 24.20 41.14 50.91 38.17 74.00 -35.83 peak
2 1507.470 5.47 25.83 41.41 47.57 37.46 74.00 -36.54 peak
3 4193.872 7.21 33.60 42.36 48.17 46.62 74.00 -27.38 peak
4 pp 7898.049 9.96 36.54 40.26 44.63 50.87 68.20 -17.33 peak
5 10520.000 11.30 37.12 37.56 37.65 48.51 68.20 -19.69 peak
6 15780.000 14.66 41.29 39.22 33.23 49.96 74.00 -24.04 peak

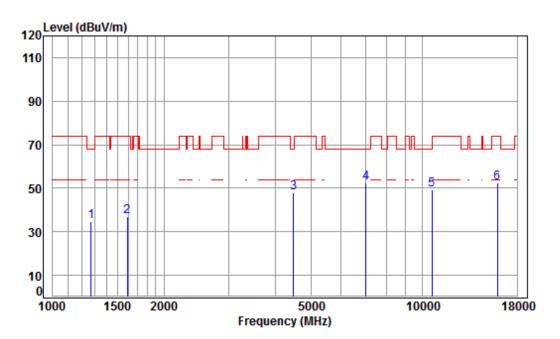


Report No.: SZEM171201293902 Page: 54 of 817

0ver

Limit Remark

Test mode:802.11n(HT20)Frequency(MHz):5300PeakVertical
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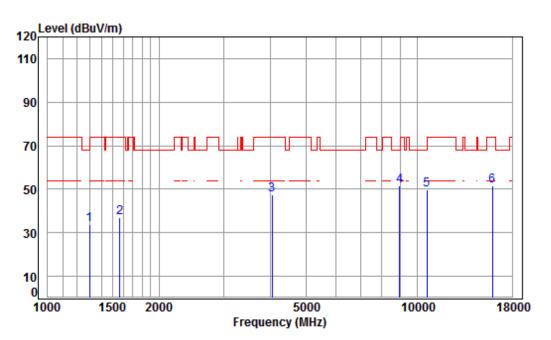
Condition:	3m VERTICAL
Job No :	2939RG
Mode :	5300 TX RSE
:	Ant 1 5G WIFI 11N20 CH60
	Cable Ant Preamp Read Limit
F	req Loss Factor Factor Level Level Line

	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 1	1271.123	4.69	24.82	41.24	46.53	34.80	68.20	-33.40	peak
2 1	1592.571	5.36	26.22	41.47	47.07	37.18	74.00	-36.82	peak
3 4	4482.150	7.54	33.60	42.41	49.16	47.89	68.20	-20.31	peak
4 pp 7	7035.727	10.12	36.49	40.83	46.78	52.56	68.20	-15.64	peak
5 10	0600.000	11.36	37.22	37.62	38.09	49.05	68.20	-19.15	peak
6 1	5900.000	14.84	41.24	39.33	35.75	52.50	74.00	-21.50	peak



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Test mode:802.11n(HT20)Frequency(MHz):5300PeakHorizonta	
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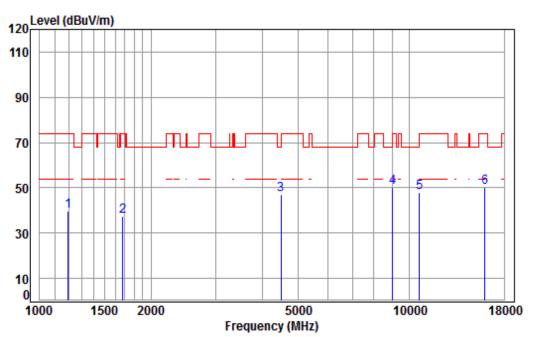


Condi Job N Mode	: 530	9RG 0 TX R	SE	1N20 CH	160				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1297.103	4.79	24.94	41.26	45.48	33.95	68.20	-34.25	peak
2	1569.721	5.39	26.12	41.45	46.72	36.78	74.00	-37.22	peak
3	4039.212	7.03	33.60	42.33	49.04	47.34	74.00	-26.66	peak
4 pp	8943.274	10.39	36.53	38.70	43.19	51.41	68.20	-16.79	peak
5	10600.000	11.36	37.22	37.62	38.87	49.83	68.20	-18.37	peak
6	15900.000	14.84	41.24	39.33	34.60	51.35	74.00	-22.65	peak



Report No.: SZEM171201293902 Page: 56 of 817

Test mode: 802.11n(HT20) Frequency(MHz):	5320	Peak	Vertical
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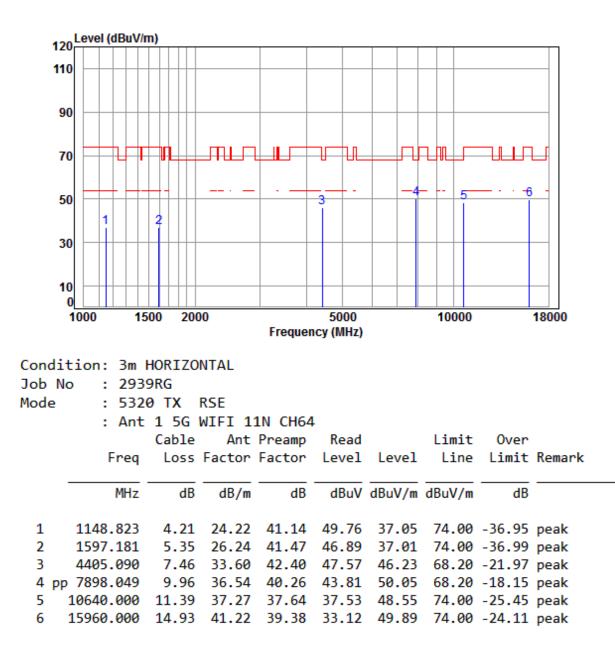


Condi Job N Mode	: 532	9RG 0 TX	RSE	1N CH64					
	. Ant	Cable		Preamp	Read		Limit	0ver	
	Freq	Loss		Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	4.40	24.46	41.18	52.11	39.79	74.00	-34.21	peak
2	1677.621	5.25	26.58	41.52	47.14	37.45	74.00	-36.55	peak
3	4495.125	7.55	33.60	42.42	48.07	46.80	68.20	-21.40	peak
4 p	p 8995.123	10.40	36.59	38.62	41.82	50.19	68.20	-18.01	peak
5	10640.000	11.39	37.27	37.64	36.84	47.86	74.00	-26.14	peak
6	15960.000	14.93	41.22	39.38	33.28	50.05	74.00	-23.95	peak



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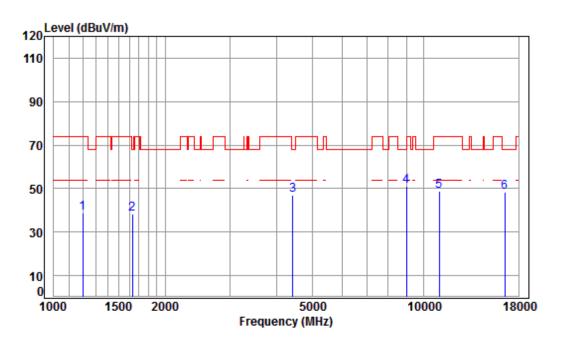
Test mode:802.11n(HT20)Frequency(MHz):5320PeakHorizontal
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Report No.: SZEM171201293902 Page: 58 of 817

Test mode: 802.11n(HT20) Frequency(MHz):	5500	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

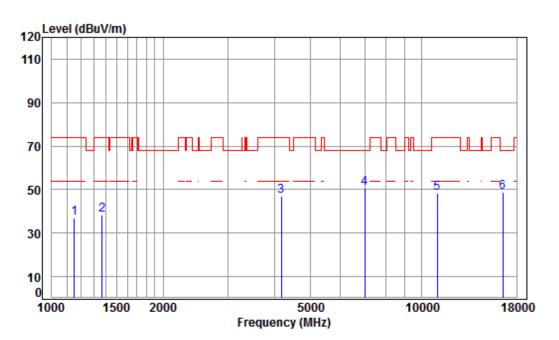
: 5500 TX RSE : Ant 1 5G WIFI 11N CH100

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	4.42	24.48	41.18	50.98	38.70	74.00	-35.30	peak
2	1634.543	5.31	26.40	41.49	48.16	38.38	68.20	-29.82	peak
3	4417.841	7.47	33.60	42.40	48.25	46.92	68.20	-21.28	peak
4 p	8969.161	10.39	36.56	38.66	42.61	50.90	68.20	-17.30	peak
5	11000.000	11.63	37.70	37.88	37.37	48.82	74.00	-25.18	peak
6	16500.000	14.50	42.70	39.86	31.21	48.55	68.20	-19.65	peak



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Test mode: 802.11n(HT20) Frequency(MHz):	5500	Peak	Horizontal
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	tion: 3m o : 293		NTAL						
	: 550		RSE						
	: Ant	1 5G	WIFI 1	1N CH10	00				
		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	1152.148	4.22	24.24	41.14	49.60	36.92	74.00	-37.08	peak
2	1370.328	5.05	25.26	41.32	49.15	38.14	74.00	-35.86	peak

2	1370.328	5.05	25.26	41.32	49.15	38.14	74.00 -35.86 peak
3	4169.698	7.18	33.60	42.36	48.54	46.96	74.00 -27.04 peak
4	pp 7015.420	10.13	36.49	40.84	44.97	50.75	68.20 -17.45 peak
5	11000.000	11.63	37.70	37.88	36.94	48.39	74.00 -25.61 peak
6	16500.000	14.50	42.70	39.86	31.46	48.80	68.20 -19.40 peak

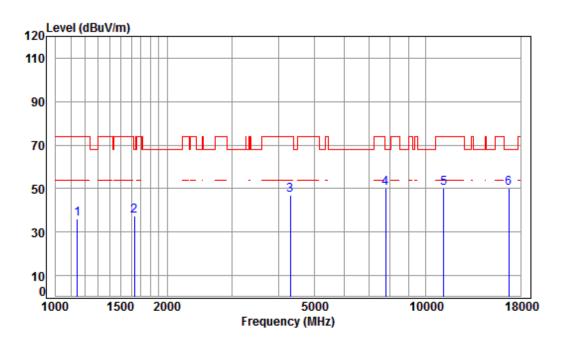


Report No.: SZEM171201293902 Page: 60 of 817

Limit

0ver

Test mode: 802.11n(HT20) Frequency(MHz):	5580	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

: 2939RG : 5580 TX RSE

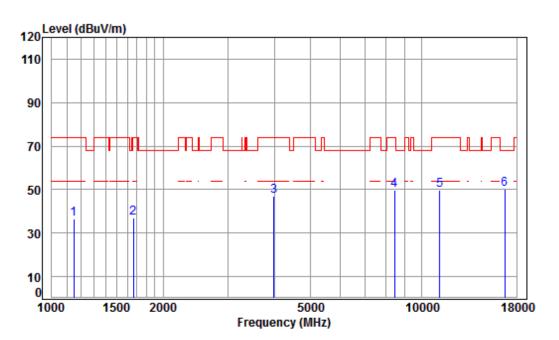
з.	5586	2	X	KSE						
:	Ant	1	5G	WIF	Ι	11	Ν	CH116		
		Ca	able		An	t P	Pre	eamp	Read	

				i i comp	11000			0.00	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	4.20	24.20	41.14	48.83	36.09	74.00	-37.91	peak
2	1629.825	5.31	26.38	41.49	47.16	37.36	68.20	-30.84	peak
3	4304.400	7.34	33.60	42.38	48.47	47.03	74.00	-26.97	peak
4	7784.729	9.97	36.47	40.33	44.14	50.25	68.20	-17.95	peak
5	11160.000	11.80	37.83	37.98	38.68	50.33	74.00	-23.67	peak
6	pp16740.000	15.57	42.75	40.07	32.07	50.32	68.20	-17.88	peak



Report No.: SZEM171201293902 Page: 61 of 817

Test mode: 802.11n(HT20) Frequency(MHz):	5580	Peak	Horizontal
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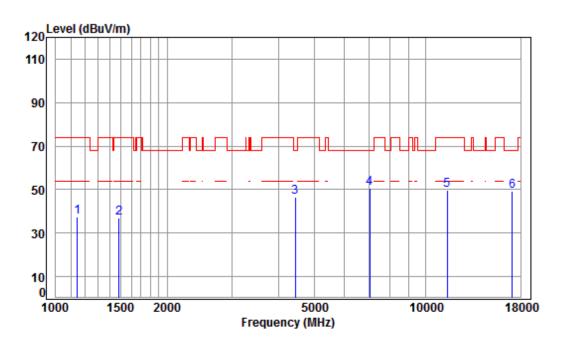
	ion: 3m		NTAL						
Mode	: 558	0 ТХ	RSE						
	: Ant	1 5G	WIFI 1	1N CH11	.6				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
-									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1148.823	4.21	24.22	41.14	49.25	36.54	74.00	-37.46	peak
2	1663.137	5.27	26.52	41.51	46.73	37.01	74.00	-36.99	peak

~	1005.157	5.27	20.52	41.71	40.75	57.01	74.00 - 50.55 peak
3	3981.257	6.96	33.55	42.32	48.76	46.95	74.00 -27.05 peak
4	8440.945	10.23	36.07	39.48	43.02	49.84	74.00 -24.16 peak
5	11160.000	11.80	37.83	37.98	38.03	49.68	74.00 -24.32 peak
6	pp16740.000	15.57	42.75	40.07	31.88	50.13	68.20 -18.07 peak



Report No.: SZEM171201293902 Page: 62 of 817

Test mode: 802.11n(HT20) Frequency(MHz):	5700	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

: 2939RG : 5700 TX RSE

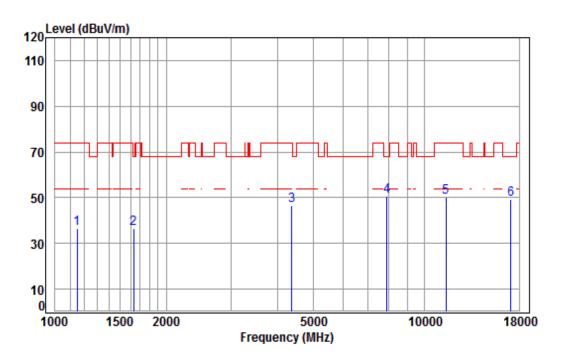
:	Ant	1	5G	WIFI	11N	CH140
		Ca	hlo	. Δr	nt Pr	oomn

		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	1145.507	4.20	24.20	41.14	50.30	37.56	74.00	-36.44	peak
2	1481.553	5.42	25.73	41.39	47.21	36.97	74.00	-37.03	peak
3	4430.628	7.48	33.60	42.41	47.72	46.39	68.20	-21.81	peak
4	pp 7056.092	10.11	36.48	40.81	44.73	50.51	68.20	-17.69	peak
5	11400.000	12.04	38.02	38.13	37.98	49.91	74.00	-24.09	peak
6	17100.000	16.49	42.92	40.37	30.46	49.50	68.20	-18.70	peak



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Test mode: 802.11n(HT20) Frequency(MHz):	5700	Peak	Horizontal
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Condition:	3m HORIZONTAL
Job No :	2939RG

Mode	:	5700	ТΧ	RSE

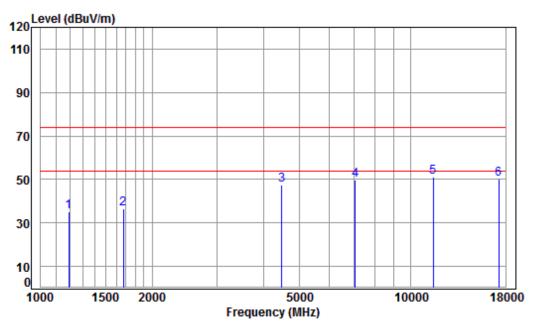
: Ant 1 5G WIFI 11N CH140

					× .				
		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	1148.823	4.21	24.22	41.14	49.22	36.51	74.00	-37.49	peak
2	1634.543	5.31	26.40	41.49	46.23	36.45	68.20	-31.75	peak
3	4367.058	7.41	33.60	42.39	48.10	46.72	74.00	-27.28	peak
4	pp 7898.049	9.96	36.54	40.26	44.46	50.70	68.20	-17.50	peak
5	11400.000	12.04	38.02	38.13	38.12	50.05	74.00	-23.95	peak
6	17100.000	16.49	42.92	40.37	30.12	49.16	68.20	-19.04	peak
									-



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Test mode: 802.11n(HT20) Frequency(MHz): 5745 Peak V	Vertical
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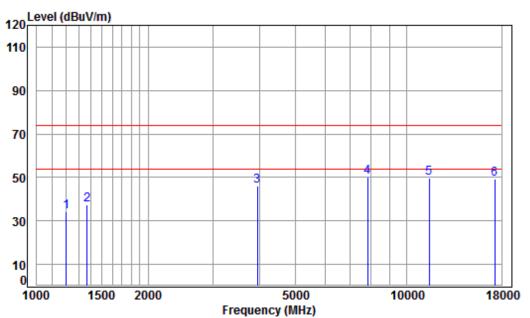


Conc Job Mode	e : 574	9RG 5 TX	RSE	1N CH14	19				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1192.811	4.39	24.44	41.18	47.44	35.09	74.00	-38.91	peak
2	1672.779	5.26	26.56	41.52	46.40	36.70	74.00	-37.30	peak
3	4482.150	7.54	33.60	42.41	48.74	47.47	74.00	-26.53	peak
4	7076.516	10.11	36.47	40.80	44.13	49.91	74.00	-24.09	peak
5	pp11490.000	12.13	38.09	38.19	38.89	50.92	74.00	-23.08	peak
6	17235.000	16.18	43.08	40.48	31.23	50.01	74.00	-23.99	peak



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Test mode: 802.11n(HT20) Frequency(MHz):	5745	Peak	Horizontal
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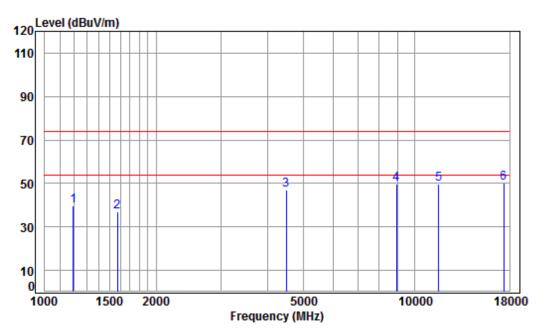


				-					
Cond	dition: 3m H	HORIZO	NTAL						
Job	No : 2939	9RG							
Mode	e : 574	5 TX	RSE						
	: Ant	1 5G	WIFI 1	1N CH14	.9				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	4.43	24.49	41.19	46.54	34.27	74.00	-39.73	peak
2	1370.328	5.05	25.26	41.32	48.34	37.33	74.00	-36.67	peak
3	3946.885	6.93	33.46	42.31	48.18	46.26	74.00	-27.74	peak
4	pp 7829.860	9.97	36.50	40.31	44.16	50.32	74.00	-23.68	peak
5	11490.000	12.13	38.09	38.19	37.89	49.92	74.00	-24.08	peak
6	17235.000	16.18	43.08	40.48	30.49	49.27	74.00	-24.73	peak



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Test mode:802.11n(HT20)Frequency(MHz):5785Peak	Vertical
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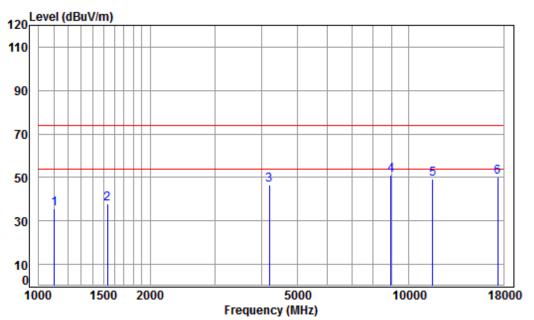


Cond Job Mode	: 578	9RG 5 TX	RSE	1N CH15	7				
		Cable		Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	4.40	24.46	41.18	52.19	39.87	74.00	-34.13	peak
2	1574.265	5.38	26.14	41.45	47.09	37.16	74.00	-36.84	peak
3	4495.125	7.55	33.60	42.42	48.07	46.80	74.00	-27.20	peak
4	8917.462	10.38	36.50	38.74	41.65	49.79	74.00	-24.21	peak
5	11570.000	12.17	38.17	38.24	37.83	49.93	74.00	-24.07	peak
6 p	op17355.000	15.92	43.23	40.58	31.74	50.31	74.00	-23.69	peak



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Test mode:802.11n(HT20)Frequency(MHz):5785	Peak	Horizontal
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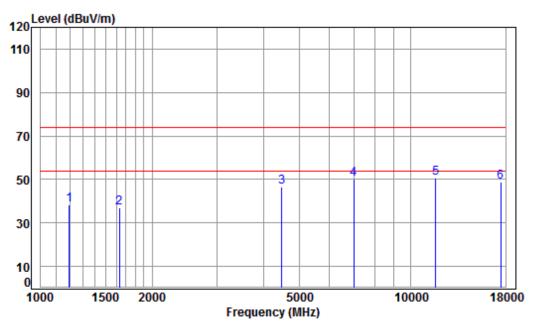


Condi Job No Mode	: 5785	ƏRG 5 TX	RSE	1N CH15	7				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1103.264	4.02	23.98	41.10	48.68	35.58	74.00	-38.42	peak
2	1533.841	5.44	25.96	41.43	47.82	37.79	74.00	-36.21	peak
3	4193.872	7.21	33.60	42.36	47.93	46.38	74.00	-27.62	peak
4 pp	8943.274	10.39	36.53	38.70	42.95	51.17	74.00	-22.83	peak
5	11570.000	12.17	38.17	38.24	37.39	49.49	74.00	-24.51	peak
6	17355.000	15.92	43.23	40.58	31.47	50.04	74.00	-23.96	peak



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Test mode:802.11n(HT20)Frequency(MHz):5825PeakVertical
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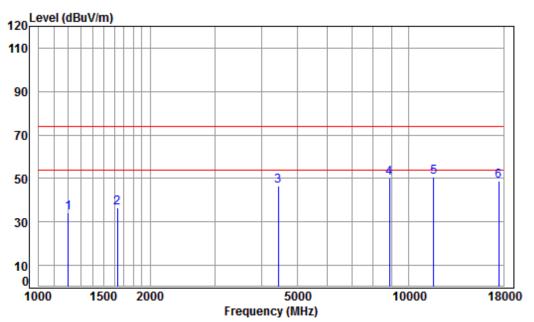


Cond Job Mode	: 582	9RG 5 TX	RSE	1N CH16	5				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	4.40	24.46	41.18	50.50	38.18	74.00	-35.82	peak
2	1629.825	5.31	26.38	41.49	46.74	36.94	74.00	-37.06	peak
3	4482.150	7.54	33.60	42.41	47.93	46.66	74.00	-27.34	peak
4	7015.420	10.13	36.49	40.84	44.43	50.21	74.00	-23.79	peak
5 p	p11650.000	12.20	38.25	38.29	38.50	50.66	74.00	-23.34	peak
6	17475.000	15.65	43.37	40.68	30.59	48.93	74.00	-25.07	peak



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Test mode:802.11n(HT20)Frequency(MHz):58	5825 Peak	Horizontal
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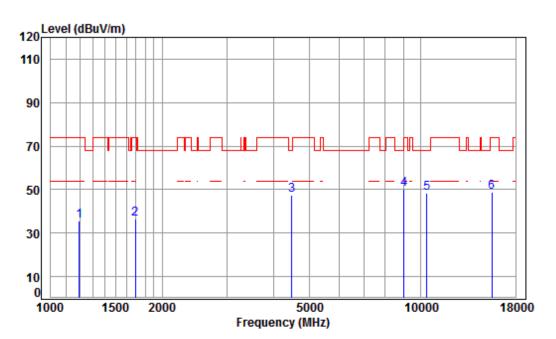


Cond Job Mode	: 582	ƏRG 5 TX	RSE	1N CH16	55				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	4.43	24.49	41.19	46.58	34.31	74.00	-39.69	peak
2	1634.543	5.31	26.40	41.49	46.27	36.49	74.00	-37.51	peak
3	4430.628	7.48	33.60	42.41	48.01	46.68	74.00	-27.32	peak
4	8866.062	10.37	36.44	38.82	42.02	50.01	74.00	-23.99	peak
5 p	p11650.000	12.20	38.25	38.29	38.60	50.76	74.00	-23.24	peak
6	17475.000	15.65	43.37	40.68	30.60	48.94	74.00	-25.06	peak



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Test mode:802.11ac(HT20)Frequency(MHz):51	5180	Peak	Vertical
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Condi Job N Mode	: 518	9RG 0 TX	RSE	1AC CH3	6				
		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	1196.264	4.40	24.46	41.18	48.01	35.69	74.00	-38.31	peak
2	1692.231	5.24	26.64	41.53	46.37	36.72	74.00	-37.28	peak
3	4482.150	7.54	33.60	42.41	48.83	47.56	68.20	-20.64	peak
4 pp	8995.123	10.40	36.59	38.62	41.99	50.36	68.20	-17.84	peak
5	10360.000	11.19	37.24	37.45	37.24	48.22	68.20	-19.98	peak
6	15540.000	14.30	41.38	39.00	32.12	48.80	74.00	-25.20	peak



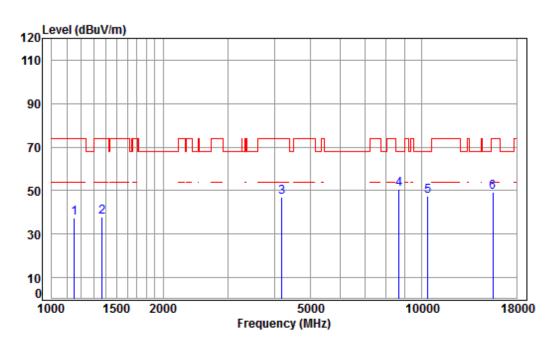
6

15540.000

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

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Test mode: 802.11ac(HT20) Frequency(MHz):	5180	Peak	Horizontal
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Condi Job No	tion: 3m o : 2939		NTAL						
Mode	: 518	0 TX	RSE						
	: Ant	1 5G	WIFI 1	1AC CH3	6				
		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	1152.148	4.22	24.24	41.14	50.09	37.41	74.00	-36.59	peak
2	1370.328	5.05	25.26	41.32	49.05	38.04	74.00	-35.96	peak
3	4181.768	7.20	33.60	42.36	48.55	46.99	74.00	-27.01	peak
4 pp	8663.404	10.31	36.20	39.13	43.35	50.73	68.20	-17.47	peak
5	10360.000	11.19	37.24	37.45	36.69	47.67	68.20	-20.53	peak

39.00

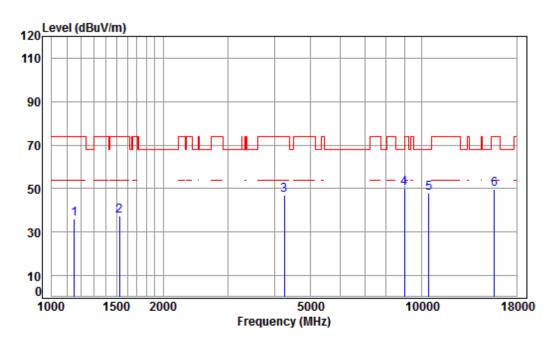
32.60 49.28 74.00 -24.72 peak

14.30 41.38



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Test mode:802.11ac(HT20)Frequency(MHz):5220PeakVertical

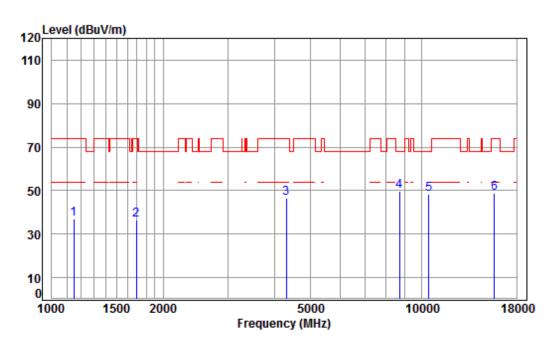


Job N	: 522	9RG 0 TX I	RSE	LAC CH4	4				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1152.148	4.22	24.24	41.14	48.83	36.15	74.00	-37.85	peak
2	1525.000	5.45	25.91	41.42	47.25	37.19	74.00	-36.81	peak
3	4242.641	7.27	33.60	42.37	48.32	46.82	74.00	-27.18	peak
4 pp	8969.161	10.39	36.56	38.66	41.71	50.00	68.20	-18.20	peak
5	10440.000	11.25	37.16	37.51	37.09	47.99	68.20	-20.21	peak
6	15660.000	14.48	41.34	39.11	32.88	49.59	74.00	-24.41	peak



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Test mode: 802.11ac(HT20) Frequency(MHz):	5220	Peak	Horizontal
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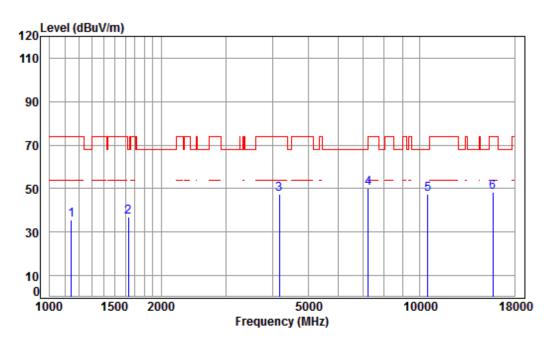


Condi Job N Mode	: 522	9RG 0 TX	RSE	1AC CH4	4				
	. And	Cable		Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1148.823	4.21	24.22	41.14	49.48	36.77	74.00	-37.23	peak
2	1692.231	5.24	26.64	41.53	46.22	36.57	74.00	-37.43	peak
3	4304.400	7.34	33.60	42.38	47.98	46.54	74.00	-27.46	peak
4 pp	8688.480	10.32	36.23	39.09	42.36	49.82	68.20	-18.38	peak
5	10440.000	11.25	37.16	37.51	37.29	48.19	68.20	-20.01	peak
6	15660.000	14.48	41.34	39.11	31.98	48.69	74.00	-25.31	peak



Report No.: SZEM171201293902 Page: 74 of 817

Test mode: 802.11ac(HT20) Frequency(MHz):	5240	Peak	Vertical
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Condi Job N Mode	: 524	9RG 0 TX	RSE	LAC CH4	.8				
		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	1145.507	4.20	24.20	41.14	48.52	35.78	74.00	-38.22	peak
2	1629.825	5.31	26.38	41.49	46.65	36.85	68.20	-31.35	peak
3	4169.698	7.18	33.60	42.36	49.00	47.42	74.00	-26.58	peak
4 pp	7242.052	10.07	36.40	40.69	44.49	50.27	68.20	-17.93	peak
5	10480.000	11.28	37.12	37.53	36.43	47.30	68.20	-20.90	peak
6	15720.000	14.57	41.31	39.17	31.62	48.33	74.00	-25.67	peak



6

15720.000

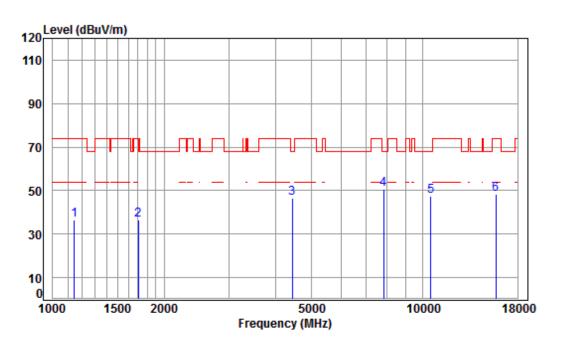
14.57

41.31

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Test mode: 802.11ac(HT20) Frequency(MHz):	5240	Peak	Horizontal
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Job No		9RG							
Mode		0 TX							
	: Ant	1 5G	WIFI 1	1AC CH4	-8				
		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	1145.507	4.20	24.20	41.14	49.05	36.31	74.00	-37.69	peak
2	1702.042	5.23	26.68	41.53	46.15	36.53	74.00	-37.47	peak
3	4443.453	7.50	33.60	42.41	47.89	46.58	68.20	-21.62	peak
4 pp	7829.860	9.97	36.50	40.31	44.33	50.49	68.20	-17.71	peak
5	10480.000	11.28	37.12	37.53	26 62	47 40	60 20	20 71	and a la

39.17

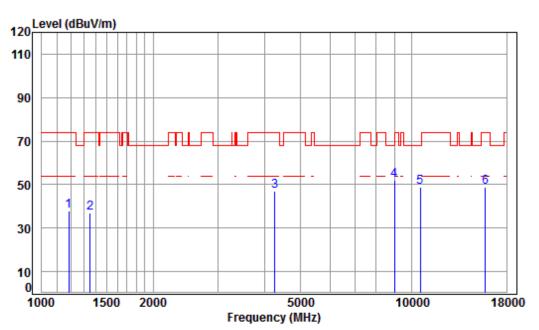
31.46 48.17

74.00 -25.83 peak



Report No.: SZEM171201293902 Page: 76 of 817

Test mode: 802.11ac(HT20) Frequency(MHz): 5260 Peak Vertical
--



Condi Job N Mode	: 5260	ƏRG ƏTX I	RSE	1AC CH5	2				
		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	1185.936	4.36	24.41	41.17	50.18	37.78	74.00	-36.22	peak
2	1350.667	4.98	25.18	41.30	48.05	36.91	74.00	-37.09	peak
3	4267.237	7.30	33.60	42.38	48.28	46.80	74.00	-27.20	peak
4 pp	8969.161	10.39	36.56	38.66	43.94	52.23	68.20	-15.97	peak
5	10520.000	11.30	37.12	37.56	37.78	48.64	68.20	-19.56	peak
6	15780.000	14.66	41.29	39.22	32.25	48.98	74.00	-25.02	peak

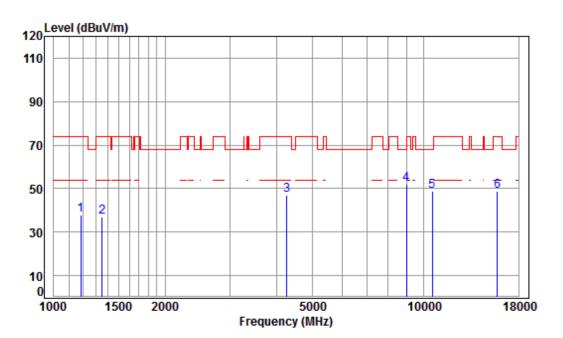


Report No.: SZEM171201293902 Page: 77 of 817

Limit

0ver line limit Remark

Test mode:802.11ac(HT20)Frequency(MHz):	5260	Peak	Horizontal
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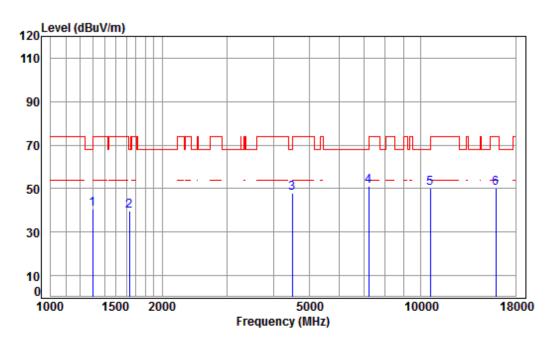
Condition:	3m VERTICAL
Job No :	2939RG
Mode :	5260 TX RSE
:	Ant 1 5G WIFI 11AC CH52
	Cable Ant Preamp Read
F	req Loss Factor Factor Level Level

1109	2000	i uc coi	i uc coi	LCVCI	LCVCI	CINC	CTUTC.	Reliar R
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1185.936	4.36	24.41	41.17	50.18	37.78	74.00	-36.22	peak
1350.667	4.98	25.18	41.30	48.05	36.91	74.00	-37.09	peak
4267.237	7.30	33.60	42.38	48.28	46.80	74.00	-27.20	peak
8969.161	10.39	36.56	38.66	43.94	52.23	68.20	-15.97	peak
10520.000	11.30	37.12	37.56	37.78	48.64	68.20	-19.56	peak
15780.000	14.66	41.29	39.22	32.25	48.98	74.00	-25.02	peak
	MHz 1185.936 1350.667 4267.237 8969.161 10520.000	MHz dB 1185.936 4.36 1350.667 4.98 4267.237 7.30 8969.161 10.39 10520.000 11.30	MHz dB dB/m 1185.936 4.36 24.41 1350.667 4.98 25.18 4267.237 7.30 33.60 9969.161 10.39 36.56 10520.000 11.30 37.12	MHz dB dB/m dB 1185.936 4.36 24.41 41.17 1350.667 4.98 25.18 41.30 4267.237 7.30 33.60 42.38 98969.161 10.39 36.56 38.66 10520.000 11.30 37.12 37.56	MHz dB dB/m dB dBuV 1185.936 4.36 24.41 41.17 50.18 1350.667 4.98 25.18 41.30 48.05 4267.237 7.30 33.60 42.38 48.28 98969.161 10.39 36.56 38.66 43.94 10520.000 11.30 37.12 37.56 37.78	MHz dB dB/m dB dBuV dBuV/m 1185.936 4.36 24.41 41.17 50.18 37.78 1350.667 4.98 25.18 41.30 48.05 36.91 4267.237 7.30 33.60 42.38 48.28 46.80 98969.161 10.39 36.56 38.66 43.94 52.23 10520.000 11.30 37.12 37.56 37.78 48.64	MHz dB dB/m dB dBuV dBuV/m dBuV/m 1185.936 4.36 24.41 41.17 50.18 37.78 74.00 1350.667 4.98 25.18 41.30 48.05 36.91 74.00 4267.237 7.30 33.60 42.38 48.28 46.80 74.00 98969.161 10.39 36.56 38.66 43.94 52.23 68.20 10520.000 11.30 37.12 37.56 37.78 48.64 68.20	



Report No.: SZEM171201293902 Page: 78 of 817

Test mode:802.11ac(HT20)Frequency(MHz):5300Peal	ak Vertical
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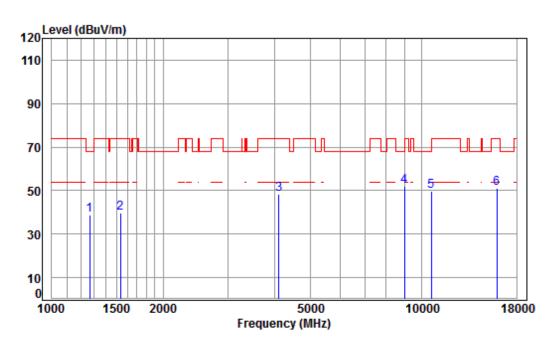


Condit Job No Mode	: 530	9RG 0 TX	RSE	1AC CHE	6				
	Freq	Cable	Ant	Preamp Factor	Read		Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
5	1300.858 1629.825 4495.125 7221.150 10600.000 15900.000	5.31 7.55 10.07	26.38 33.60 36.41 37.22		49.51 48.97 45.48 39.08	39.71 47.70 51.26 50.04	68.20 68.20 68.20 68.20	-28.49 -20.50 -16.94 -18.16	peak peak peak peak



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Test mode: 802.11ac(HT20) Frequency(MHz):	5300	Peak	Horizontal
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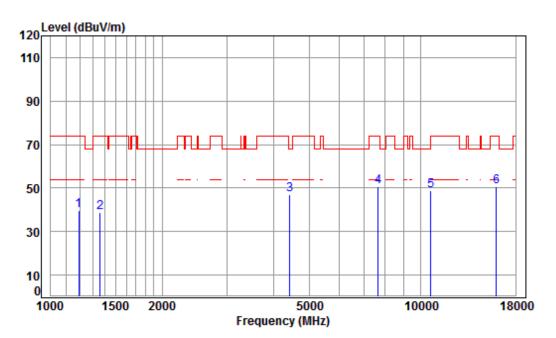


Condi Job No Mode	: 530	9RG 0 TX	RSE	1AC CH6	0				
	: Ant	Cable		Preamp	Read		Limit	0ver	
	Freq	Loss		Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1267.454	4.68	24.80	41.24	50.51	38.75	68.20	-29.45	peak
2	1533.841	5.44	25.96	41.43	49.59	39.56	74.00	-34.44	peak
3	4109.872	7.11	33.60	42.35	50.03	48.39	74.00	-25.61	peak
4 pp	8969.161	10.39	36.56	38.66	43.69	51.98	68.20	-16.22	peak
5	10600.000	11.36	37.22	37.62	38.87	49.83	68.20	-18.37	peak
6	15900.000	14.84	41.24	39.33	34.24	50.99	74.00	-23.01	peak



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Test mode:802.11ac(HT20)Frequency(MHz):5320PeakVertical	
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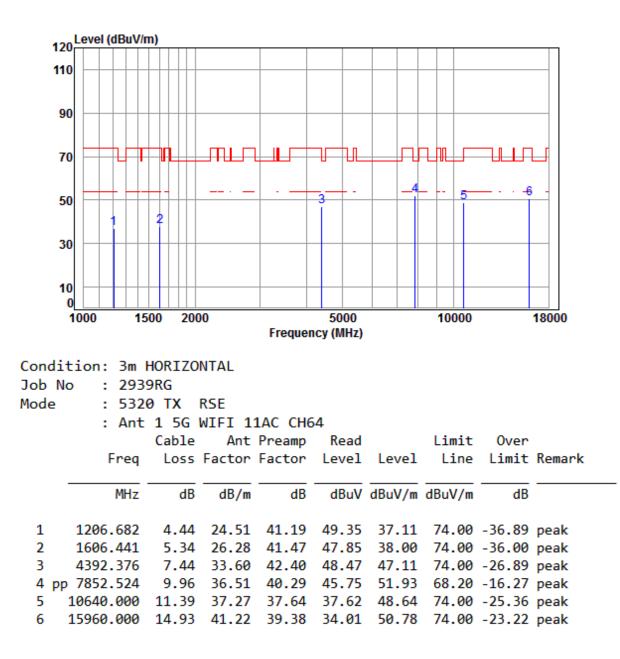


Condi Job N Mode	: 5320	ƏRG Ə TX	RSE	1AC CHE	54				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1192.811	4.39	24.44	41.18					•
2	1362.430	5.02	25.23	41.31	49.76	38.70	74.00	-35.30	peak
3 p	p 4417.841	7.47	33.60	42.40	48.34	47.01	68.20	-21.19	peak
4	7650.888	9.98	36.39	40.42	44.70	50.65	74.00	-23.35	peak
5	10640.000	11.39	37.27	37.64	37.68	48.70	74.00	-25.30	peak
6	15960.000	14.93		39.38	33.84			-23.39	



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Test mode: 802.11ac(HT20) Frequency(MHz):	5320	Peak	Horizontal
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3

5

6

4367.058

11000.000

4 pp 8943.274 10.39

7.41

11.63

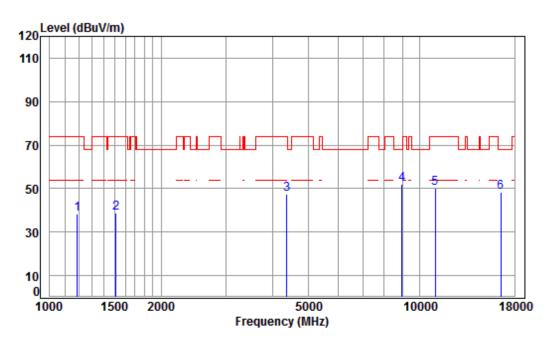
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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74.00 -26.75 peak

51.86 68.20 -16.34 peak

Test mode:802.11ac(HT20)Frequency(MHz):5500Pea	Peak Vertical
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Job No	tion: 3m o : 293 : 550 : Ant	9RG 0 TX	RSE	1AC CH1	00				
				Preamp			Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 2	1189.368 1511.833			41.17 41.41					

33.60 42.39

36.53 38.70 43.64

16500.000 14.50 42.70 39.86 31.02 48.36 68.20 -19.84 peak

48.63

47.25

37.70 37.88 38.53 49.98 74.00 -24.02 peak



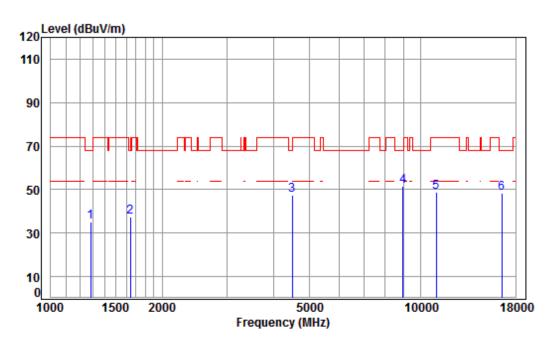
5

6

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Test mode:802.11ac(HT20)Frequency(MHz):5500Peak	k Horizontal
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	tion: 3m 5 : 293		NTAL						
Mode	: 550	0 TX	RSE						
	: Ant	1 5G I	WIFI 1	IAC CH1	00				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dRuV/m	dB	
			0.07 11		ubuv	ubuv/m	ubuv/m	ub	
		40	0.07 m		abav	ubuv/m	ubuv/iii	ub	
1	1282.193			41.25					peak
1 2	1282.193 1644.019	4.73	24.87	41.25	46.88	35.23	68.20	-32.97	
-		4.73	24.87 26.44	41.25	46.88 47.32	35.23 37.56	68.20 68.20	-32.97 -30.64	peak

11000.000 11.63 37.70 37.88 37.41 48.86 74.00 -25.14 peak 16500.000 14.50 42.70 39.86 31.12 48.46 68.20 -19.74 peak



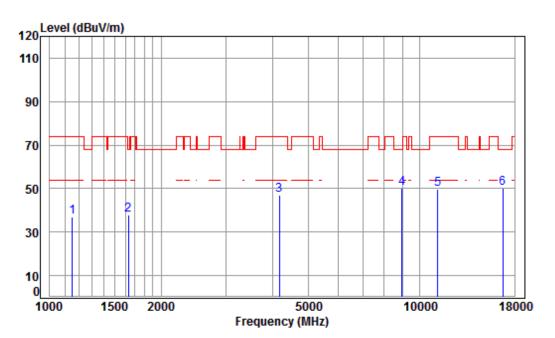
Report No.: SZEM171201293902 Page: 84 of 817

0ver

dB

Limit Remark

Test mode: 802.11ac(HT20) Frequency(MHz): 5580 Peak Vertical
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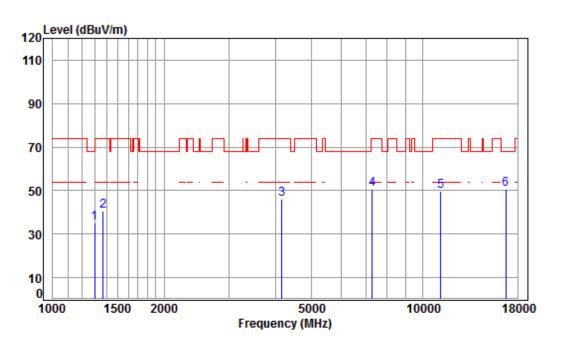
	tion: 3m		AL				
	: 558		RSF				
nouc				1AC CH1	16		
	. And			Preamp			Limit
	Freq			Factor		Level	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
1	1152 1/19	1 22	24 24	11 11	10 67	36 00	74 00

1	1152.148	4.22	24.24	41.14	49.67	36.99	74.00 -37.01 peak	
2	1629.825	5.31	26.38	41.49	47.88	38.08	68.20 -30.12 peak	
3	4169.698	7.18	33.60	42.36	48.61	47.03	74.00 -26.97 peak	
4	pp 8943.274	10.39	36.53	38.70	41.92	50.14	68.20 -18.06 peak	
5	11160.000	11.80	37.83	37.98	38.29	49.94	74.00 -24.06 peak	
6	16740.000	15.57	42.75	40.07	31.86	50.11	68.20 -18.09 peak	



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Test mode:802.11ac(HT20)Frequency(MHz):5580Peak	Horizontal
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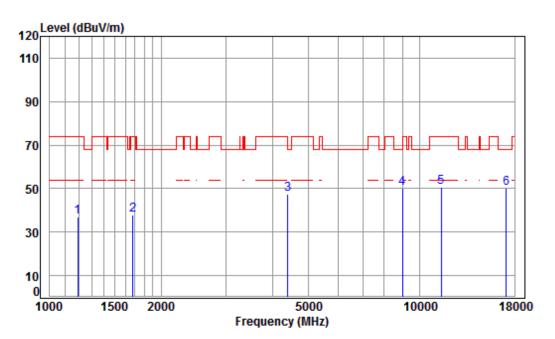
	tion: 3m H c : 2939		NTAL						
Mode	: 558	э тх	RSE						
	: Ant	1 5G	WIFI 1	1AC CH1	16				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1300.858	4.80	24.96	41.26	46.74	35.24	74.00	-38.76	peak
2	1370.328	5.05	25.26	41.32	51.51	40.50	74.00	-33.50	peak

~	1570.520	5.05	23.20	41.02	JT.JI	40.00	74.00 -55.50 peak
3	4157.664	7.17	33.60	42.36	47.83	46.24	74.00 -27.76 peak
4	7284.038	10.06	36.38	40.66	44.86	50.64	74.00 -23.36 peak
5	11160.000	11.80	37.83	37.98	38.11	49.76	74.00 -24.24 peak
6	pp16740.000	15.57	42.75	40.07	32.42	50.67	68.20 -17.53 peak



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Test mode: 802.11ac(HT20) Frequency(MHz): 5700 Peak Vertical
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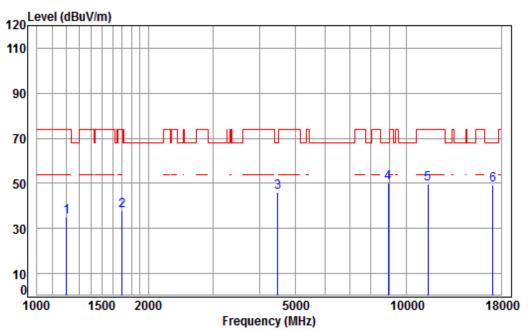


Condi Job N Mode	: 570	9RG 0 TX I	RSE	LAC CH1	40				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
4	1102 011	4 30	24.44	44 40	40 40	77.05	74 00	26.05	
1	1192.811	4.39	24.44	41.18	49.40	37.05	74.00	-36.95	реак
2	1677.621	5.25	26.58	41.52	47.67	37.98	74.00	-36.02	peak
3	4392.376	7.44	33.60	42.40	49.03	47.67	74.00	-26.33	peak
4 pp	8969.161	10.39	36.56	38.66	41.92	50.21	68.20	-17.99	peak
5	11400.000	12.04	38.02	38.13	38.54	50.47	74.00	-23.53	peak
6	17100.000	16.49	42.92	40.37	31.12	50.16	68.20	-18.04	peak



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Test mode: 802.11ac(HT20) Frequency(MHz):	5700	Peak	Horizontal
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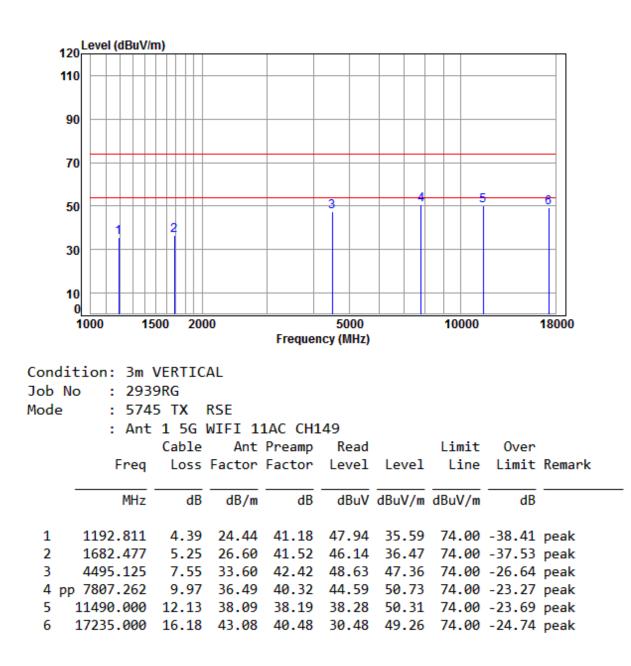


				-							
Cond	Condition: 3m HORIZONTAL										
Job	No : 293	9RG									
Mode	e : 570	а тх	RSE								
	: Ant	1 5G	WIFI 1	1AC CH1	40						
		Cable	Ant	Preamp	Read		Limit	0ver			
	Freq	Loss		Factor			Line	Limit	Remark		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	1203.199	4.43	24.49	41.19	47.54	35.27	74.00	-38.73	peak		
2	1697.129	5.23	26.66	41.53	47.41	37.77	74.00	-36.23	peak		
3	4482.150	7.54	33.60	42.41	47.51	46.24	68.20	-21.96	peak		
4	pp 8917.462	10.38	36.50	38.74	42.07	50.21	68.20	-17.99	peak		
5	11400.000	12.04	38.02	38.13	37.78	49.71	74.00	-24.29	peak		
6	17100.000	16.49	42.92	40.37	30.11	49.15	68.20	-19.05	peak		



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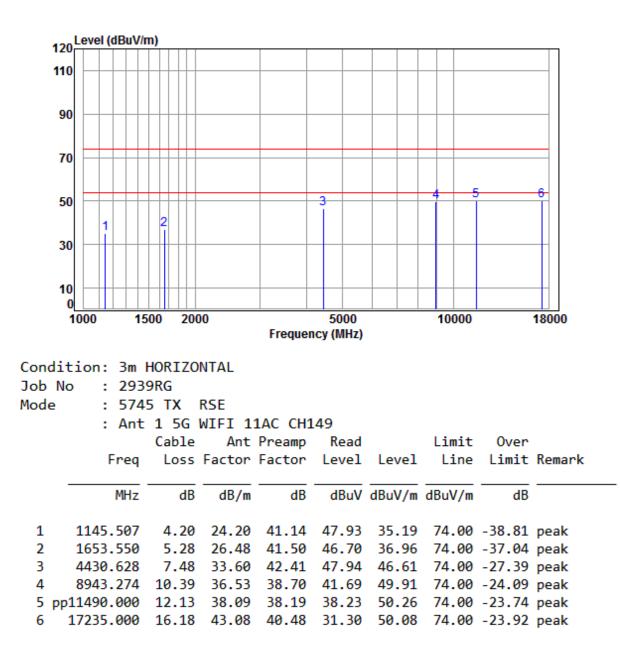
Test mode: 802.11ac(HT20) Frequency(MHz): 5745 Peak Vertical
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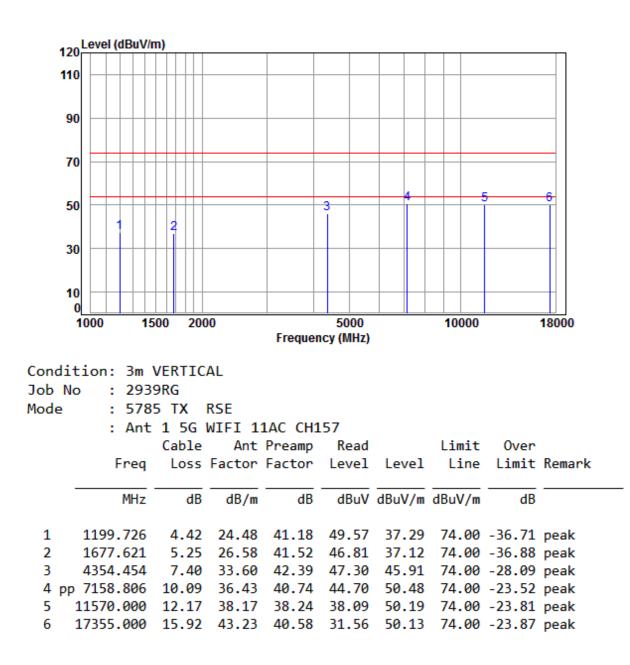
Test mode:802.11ac(HT20)Frequency(MHz):5745Peak	Horizontal
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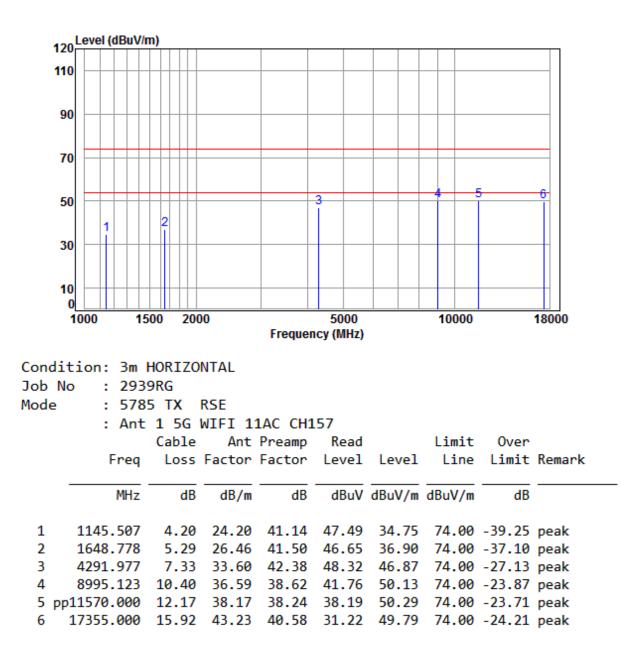
Test mode: 802.11ac(HT20) Frequency(MHz): 5785 Peak Vertical
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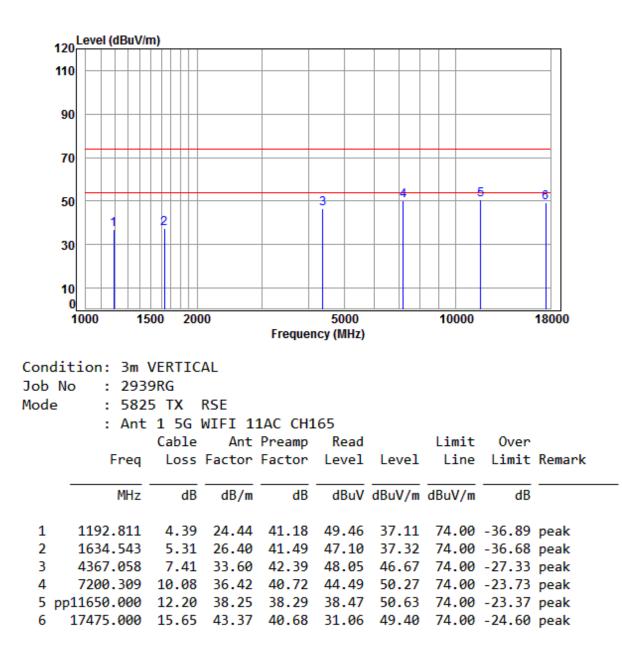
Test mode:802.11ac(HT20)Frequency(MHz):5785Peak	Horizontal
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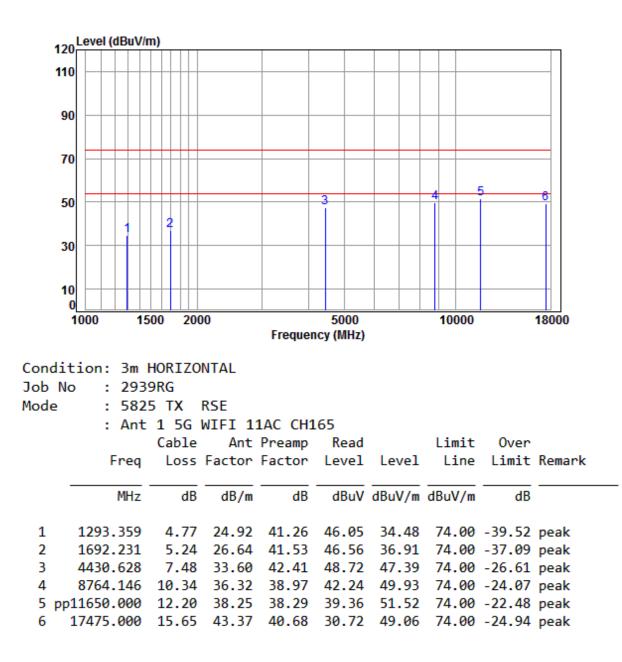
Test mode:802.11ac(HT20)Frequency(MHz):5825PeakVertical





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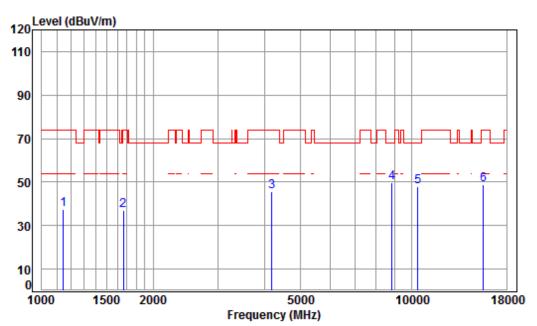
Test mode: 802.11ac(HT20) Frequency(MHz): 5825 Peak Horizo
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Test mode:802.11n(HT40)Frequency(MHz):5190PeakVertical
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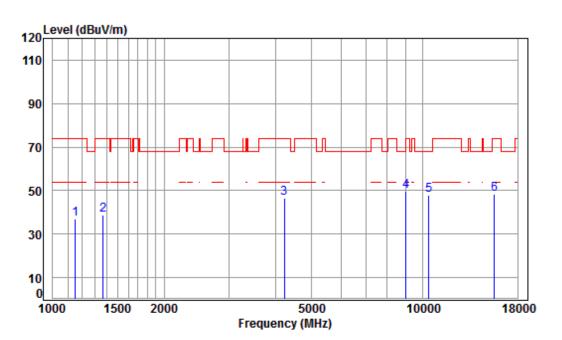


Condition: 3m VERTICAL Job No : 2939RG Mode : 5190 TX RSE : Ant 1 5G WIFI 11N(40) CH38											
		Cable		Preamp			Limit	0ver			
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	1145.507	4.20	24.20	41.14	49.94	37.20	74.00	-36.80	peak		
2	1663.137	5.27	26.52	41.51	46.84	37.12	74.00	-36.88	peak		
3	4181.768	7.20	33.60	42.36	47.38	45.82	74.00	-28.18	peak		
4 p	pp 8840.473	10.36	36.41	38.86	41.73	49.64	68.20	-18.56	peak		
5	10380.000	11.21	37.22	37.47	37.07	48.03	68.20	-20.17	peak		
6	15570.000	14.35	41.37	39.03	32.34	49.03	74.00	-24.97	peak		



Report No.: SZEM171201293902 Page: 95 of 817

Test mode: 802.11n(HT40) Frequency(MHz):	5190	Peak	Horizontal
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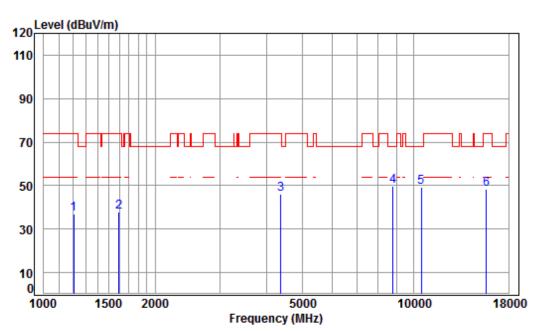


Condition: 3m HORIZONTAL Job No : 2939RG Mode : 5190 TX RSE										
Houe			WIFI 1:	1N(40)	CH38					
		Cable		Preamp			Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1152.148	4.22	24.24	41.14	49.58	36.90	74.00	-37.10	peak	
2	1370.328	5.05	25.26	41.32	49.70	38.69	74.00	-35.31	peak	
3	4218.186	7.24	33.60	42.37	48.08	46.55	74.00	-27.45	peak	
4 p	p 8995.123	10.40	36.59	38.62	41.36	49.73	68.20	-18.47	peak	
5	10380.000	11.21	37.22	37.47	37.16	48.12	68.20	-20.08	peak	
6	15570.000	14.35	41.37	39.03	31.82	48.51	74.00	-25.49	peak	



Report No.: SZEM171201293902 Page: 96 of 817

Test mode: 802.11n(HT40) Frequency(MHz):	5230	Peak	Vertical
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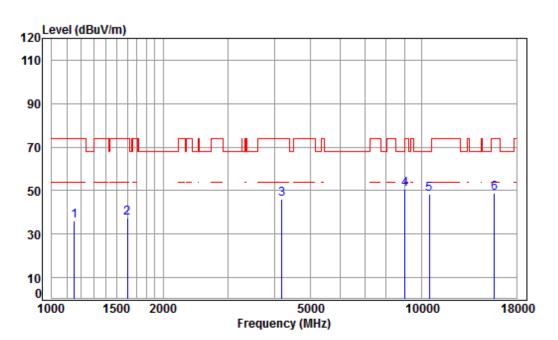


Condition: 3m VERTICAL Job No : 2939RG Mode : 5230 TX RSE : Ant 1 5G WIFI 11N(40) CH46											
		Cable	Ant	Preamp	Read		Limit	0ver			
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	1206.682	4.44	24.51	41.19	49.11	36.87	74.00	-37.13	peak		
2	1597.181	5.35	26.24	41.47	47.64	37.76	74.00	-36.24	peak		
3	4367.058	7.41	33.60	42.39	47.41	46.03	74.00	-27.97	peak		
4 p	p 8764.146	10.34	36.32	38.97	42.21	49.90	68.20	-18.30	peak		
5	10460.000	11.26	37.14	37.52	38.35	49.23	68.20	-18.97	peak		
6	15690.000	14.53	41.32	39.14	31.84	48.55	74.00	-25.45	peak		



Report No.: SZEM171201293902 Page: 97 of 817

Test mode: 802.11n(HT40) Frequency(MHz):	5230	Peak	Horizontal
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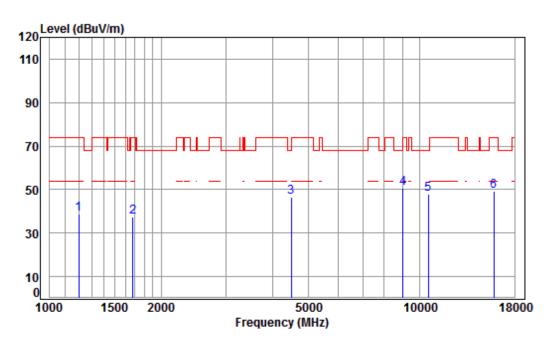


Condition: 3m HORIZONTAL Job No : 2939RG Mode : 5230 TX RSE										
	: Ant	1 5G	WIFI 1	1N(40)	CH46					
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
					40.70	26.44	74.00			
1	1152.148	4.22	24.24	41.14	48.79	36.11	74.00	-37.89	peak	
2	1601.804	5.35	26.26	41.47	47.09	37.23	74.00	-36.77	peak	
3	4181.768	7.20	33.60	42.36	47.65	46.09	74.00	-27.91	peak	
4 pp	8995.123	10.40	36.59	38.62	42.26	50.63	68.20	-17.57	peak	
5	10460.000	11.26	37.14	37.52	37.29	48.17	68.20	-20.03	peak	
6	15690.000	14.53	41.32	39.14	32.33	49.04	74.00	-24.96	peak	



Report No.: SZEM171201293902 Page: 98 of 817

Test mode: 802.11n(HT40) Frequency(MHz):	5270	Peak	Vertical
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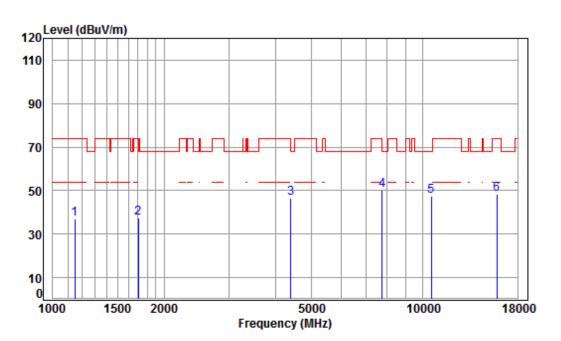


Condi Job No Mode									
	: Ant	1 5G	WIFI 11	1N(40)	CH54				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	4.42	24.48	41.18	51.01	38.73	74.00	-35.27	peak
2	1677.621	5.25	26.58	41.52	47.06	37.37	74.00	-36.63	peak
3	4495.125	7.55	33.60	42.42	47.58	46.31	68.20	-21.89	peak
4 pp	8995.123	10.40	36.59	38.62	42.13	50.50	68.20	-17.70	peak
5	10540.000	11.32	37.15	37.57	36.86	47.76	68.20	-20.44	peak
6	15810.000	14.71	41.28	39.25	32.34	49.08	74.00	-24.92	peak



Report No.: SZEM171201293902 Page: 99 of 817

Test mode: 802.11n(HT40) Frequency(MHz):	5270	Peak	Horizontal
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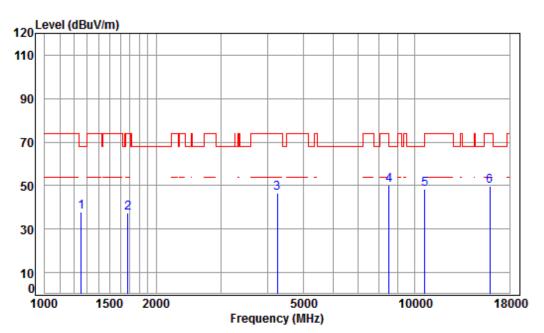


Job N	Condition: 3m HORIZONTAL Job No : 2939RG Mode : 5270 TX RSE										
	: Ant	1 5G	WIFI 1	1N(40)	CH54						
		Cable	Ant	Preamp	Read		Limit	0ver			
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	1148.823	4.21	24.22	41.14	49.72	37.01	74.00	-36.99	peak		
2	1702.042	5.23	26.68	41.53	46.99	37.37	74.00	-36.63	peak		
3	4392.376	7.44	33.60	42.40	47.89	46.53	74.00	-27.47	peak		
4 pp	7762.260	9.97	36.46	40.35	44.06	50.14	68.20	-18.06	peak		
5	10540.000	11.32	37.15	37.57	36.34	47.24	68.20	-20.96	peak		
6	15810.000	14.71	41.28	39.25	31.52	48.26	74.00	-25.74	peak		



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Test mode: 802.11n(HT40) Frequency(MHz):	5310	Peak	Vertical
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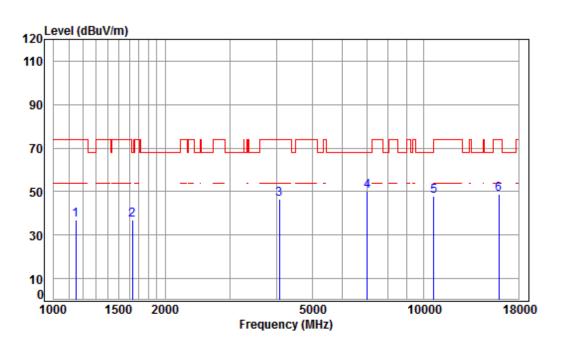


Condi Job N Mode	: 5310	ƏRG Ə TX 1 5G Cable	RSE WIFI 1: Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	4.64	24.75	41.23	49.76	37.92	68.20	-30.28	peak
2	1677.621	5.25	26.58	41.52	46.97	37.28	74.00	-36.72	peak
3	4242.641	7.27	33.60	42.37	48.00	46.50	74.00	-27.50	peak
4 p	p 8514.456	10.27	36.02	39.36	43.38	50.31	68.20	-17.89	peak
5	10620.000	11.37	37.25	37.63	37.21	48.20	74.00	-25.80	peak
6	15930.000	14.89	41.23	39.36	32.79	49.55	74.00	-24.45	peak



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Test mode: 802.11n(HT40) Frequency(MHz):	5310	Peak	Horizontal
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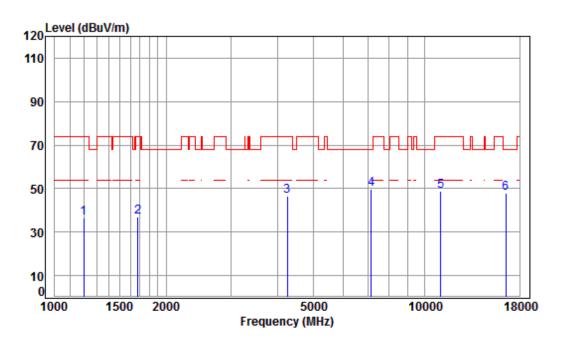


Job	Condition: 3m HORIZONTAL Job No : 2939RG Mode : 5310 TX RSE										
	: Ant	1 5G	WIFI 1	1N(40)	CH62						
		Cable	Ant	Preamp	Read		Limit	0ver			
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	1148.823	4.21	24.22	41.14	49.66	36.95	/4.00	-37.05	peak		
2	1634.543	5.31	26.40	41.49	46.84	37.06	68.20	-31.14	peak		
3	4074.388	7.07	33.60	42.34	48.11	46.44	74.00	-27.56	peak		
4 p	op 7035.727	10.12	36.49	40.83	44.55	50.33	68.20	-17.87	peak		
5	10620.000	11.37	37.25	37.63	37.10	48.09	74.00	-25.91	peak		
6	15930.000	14.89	41.23	39.36	32.27	49.03	74.00	-24.97	peak		



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Test mode: 802.11n(HT40) Frequency(MHz):	5510	Peak	Vertical
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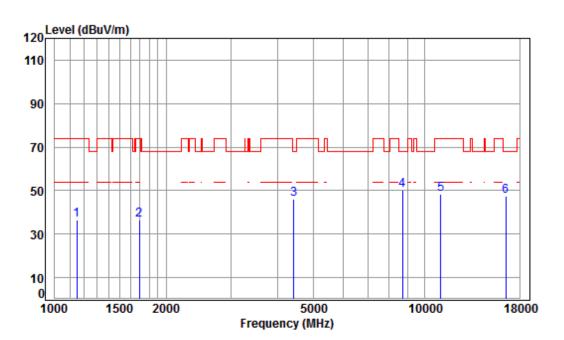


Condition: 3m VERTICAL Job No : 2939RG Mode : 5510 TX RSE										
	: Ant	1 5G	WIFI 1	1N(40)	CH102					
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1199.726	4.42	24.48	41.18	48.78	36.50	74.00	-37.50	peak	
2	1677.621	5.25	26.58	41.52	46.56	36.87	74.00	-37.13	peak	
3	4254.921	7.28	33.60	42.37	47.83	46.34	74.00	-27.66	peak	
4 pp	7158.806	10.09	36.43	40.74	44.10	49.88	68.20	-18.32	peak	
5	11020.000	11.65	37.72	37.89	37.36	48.84	74.00	-25.16	peak	
6	16530.000	14.63	42.71	39.89	30.31	47.76	68.20	-20.44	peak	



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Test mode: 802.11n(HT40) Frequency(MHz):	5510	Peak	Horizontal
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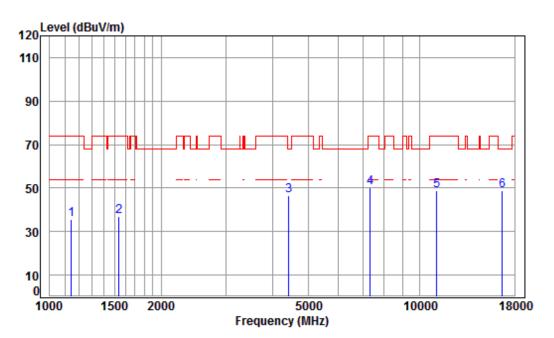


Job	Condition: 3m HORIZONTAL Job No : 2939RG Mode : 5510 TX RSE										
: Ant 1 5G WIFI 11N(40) CH102											
		Cable	Ant	Preamp	Read		Limit	0ver			
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	1148.823	4.21	24.22	41.14	49.09	36.38	74.00	-37.62	peak		
2	1692.231	5.24	26.64	41.53	46.12	36.47	74.00	-37.53	peak		
3	4417.841	7.47	33.60	42.40	47.50	46.17	68.20	-22.03	peak		
4	pp 8688.480	10.32	36.23	39.09	42.74	50.20	68.20	-18.00	peak		
5	11020.000	11.65	37.72	37.89	37.00	48.48	74.00	-25.52	peak		
6	16530.000	14.63	42.71	39.89	30.19	47.64	68.20	-20.56	peak		



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Test mode:802.11n(HT40)Frequency(MHz):5550PeakVertical
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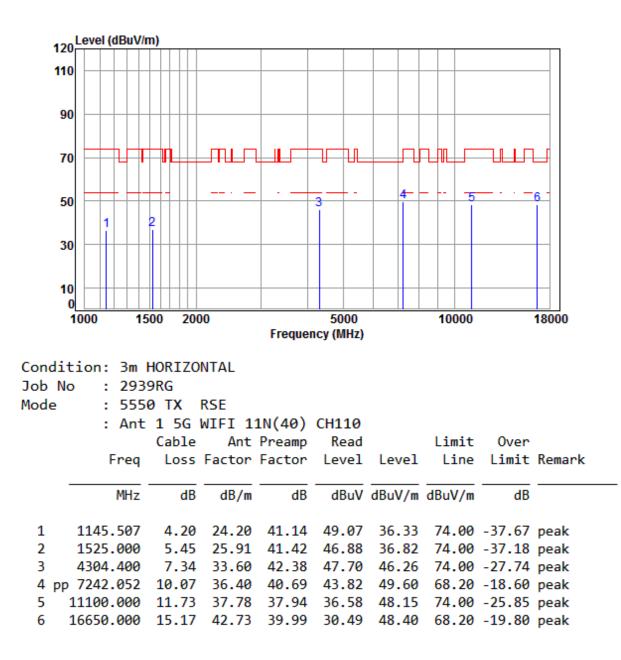


Job	Condition: 3m VERTICAL Job No : 2939RG Mode : 5550 TX RSE										
	: Ant	1 5G	WIFI 1:	1N(40)	CH110						
		Cable	Ant	Preamp	Read		Limit	0ver			
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	1145.507	4.20	24.20	41.14	48.43	35.69	74.00	-38.31	peak		
2	1538.281	5.43	25.98	41.43	47.12	37.10	74.00	-36.90	peak		
3	4417.841	7.47	33.60	42.40	47.98	46.65	68.20	-21.55	peak		
4	7326.267	10.04	36.37	40.63	44.46	50.24	74.00	-23.76	peak		
5	11100.000	11.73	37.78	37.94	37.08	48.65	74.00	-25.35	peak		
6	pp16650.000	15.17	42.73	39.99	31.03	48.94	68.20	-19.26	peak		



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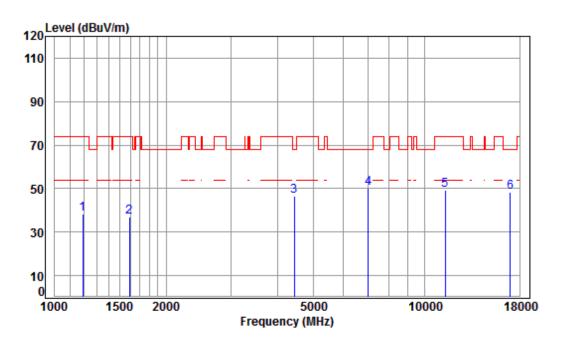
Test mode: 802.11n(HT40) Frequency(MHz):	5550	Peak	Horizontal
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Test mode: 802.11n(HT40) Frequency(MHz):	5670	Peak	Vertical
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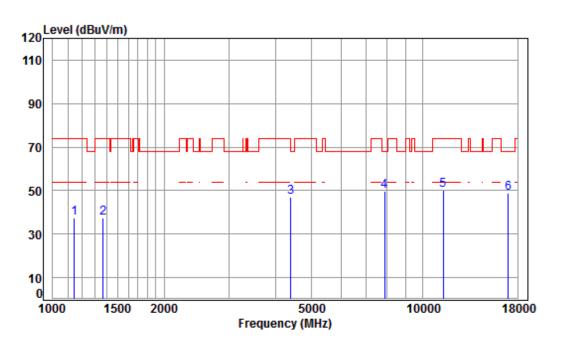


Condition: 3m VERTICAL									
Job No : 2939RG									
Mode : 5670 TX RSE									
	: Ant	1 5G	WIFI 1	1N(40)	CH134				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1192.811	4.39	24.44	41.18	50.60	38.25	74.00	-35.75	peak
2	1592.571	5.36	26.22	41.47	46.91	37.02	74.00	-36.98	peak
3	4430.628	7.48	33.60	42.41	47.74	46.41	68.20	-21.79	peak
4 p	op 7035.727	10.12	36.49	40.83	44.38	50.16	68.20	-18.04	peak
5	11340.000	11.98	37.97	38.10	37.57	49.42	74.00	-24.58	peak
6	17010.000	16.69	42.81	40.29	29.22	48.43	68.20	-19.77	peak



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Test mode: 802.11n(HT40) Frequency(MHz):	5670	Peak	Horizontal
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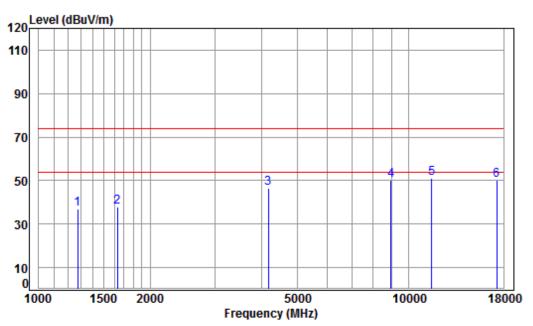
Condition: 3m HORIZONTAL Job No : 2939RG Mode : 5670 TX RSE									
nouc			WIFI 1	1N(40)	CH134				
		Cable		Preamp			Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	4.20	24.20	41.14	50.19	37.45	74.00	-36.55	peak
2	1370.328	5.05	25.26	41.32	48.24	37.23	74.00	-36.77	peak
3	4392.376	7.44	33.60	42.40	48.51	47.15	74.00	-26.85	peak
4 p	p 7875.254	9.96	36.53	40.28	43.62	49.83	68.20	-18.37	peak
5	11340.000	11.98	37.97	38.10	38.26	50.11	74.00	-23.89	peak
6	17010.000	16.69	42.81	40.29	29.79	49.00	68.20	-19.20	peak



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Test mode:	802.11n(HT40)	Frequency(MHz):	5755	Peak	Vertical

s



Condition: 3m VERTICAL Job No : 2939RG Mode : 5755 TX RSE : Ant 1 5G WIFI 11N(40) CH151									
		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	1274.802	4.71	24.84	41.24	48.53	36.84	74.00	-37.16	peak
2	1629.825	5.31	26.38	41.49	47.60	37.80	74.00	-36.20	peak
3	4169.698	7.18	33.60	42.36	48.24	46.66	74.00	-27.34	peak
4	8943.274	10.39	36.53	38.70	42.03	50.25	74.00	-23.75	peak
5 p	p11510.000	12.14	38.11	38.20	39.24	51.29	74.00	-22.71	peak
6	17265.000	16.12	43.12	40.51	31.51	50.24	74.00	-23.76	peak

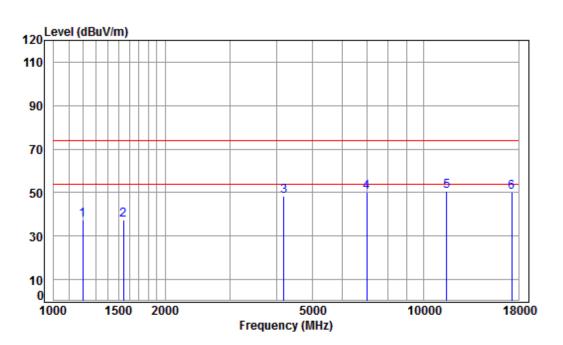


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Test mode: 802.11n(HT40) Frequency(MHz):	5755	Peak	Horizontal
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Condit	tion: 3m	HORIZO	NTAL						
Job No	o : 293	9RG							
Mode	: 575	5 TX	RSE						
	: Ant	1 5G	WIFI 11	1N(40)	CH151				
		Cable	Ant	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	MHz 1199.726			dB 41.18		-			peak
1 2		4.42	24.48	41.18	49.48	37.20	74.00	-36.80	
-	1199.726	4.42 5.42	24.48 26.00	41.18	49.48 47.48	37.20 37.47	74.00 74.00	-36.80 -36.53	peak

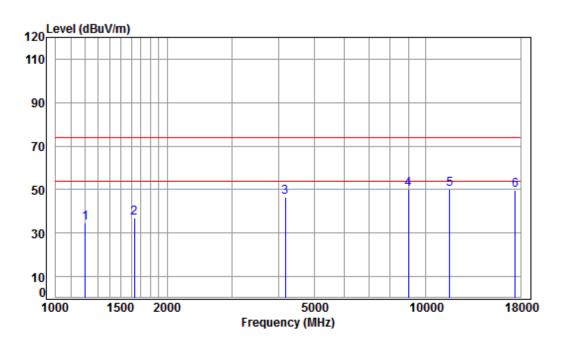
5 pp11510.000 12.14 38.11 38.20 38.62 50.67 74.00 -23.33 peak

17265.000 16.12 43.12 40.51 31.47 50.20 74.00 -23.80 peak



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Test mode: 802.11n(HT40) Frequency(MHz):	5795	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

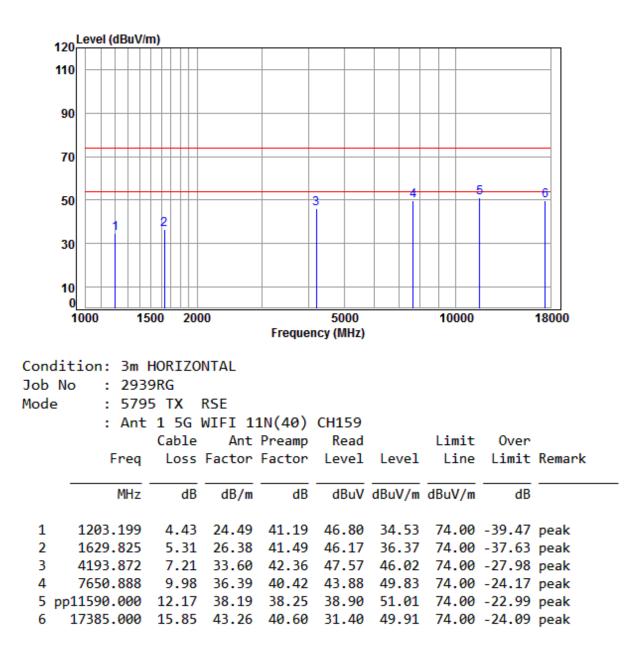
1	5795		ГХ	RSE		
:	Ant	1	5G	WIFI	11N(40)	CH159

		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	1203.199	4.43	24.49	41.19	47.00	34.73	74.00	-39.27	peak
2	1629.825	5.31	26.38	41.49	46.79	36.99	74.00	-37.01	peak
3	4169.698	7.18	33.60	42.36	47.91	46.33	74.00	-27.67	peak
4	8969.161	10.39	36.56	38.66	41.74	50.03	74.00	-23.97	peak
5	pp11590.000	12.17	38.19	38.25	38.26	50.37	74.00	-23.63	peak
6	17385.000	15.85	43.26	40.60	31.05	49.56	74.00	-24.44	peak
5	pp11590.000	12.17	38.19	38.25	38.26	50.37	74.00	-23.63	peak



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Test mode:802.11n(HT40)Frequency(MHz):5795PeakHorizont	ıl
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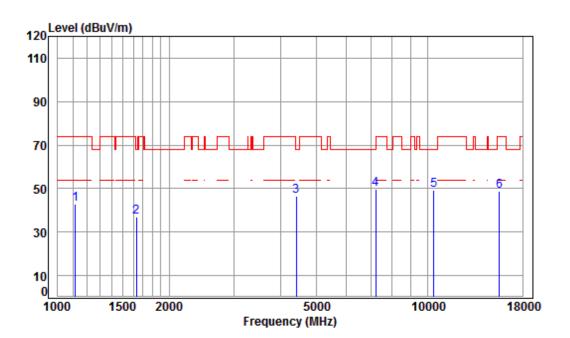




SGS-CSTC Standards Technical Services Co., Ltd. **Shenzhen Branch**

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Test mode: 802.11ac(HT40) Frequency(MHz):	5190	Peak	Vertical
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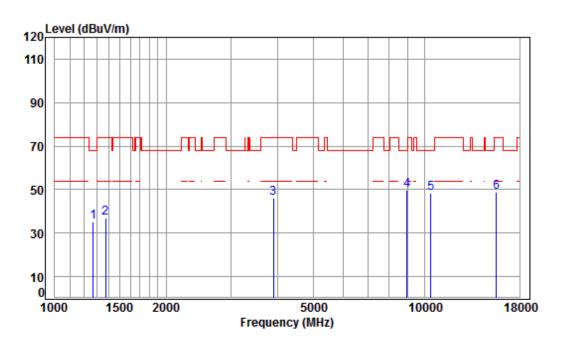


Job No	Condition: 3m VERTICAL Job No : 2939RG Mode : 5190 TX RSE : Ant 2 5G WIFI 11AC(40) CH38									
	: Ant	2 5G	WIFI 1	1AC(40)	CH38					
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1116.093	4.07	24.05	41.11	55.90	42.91	74.00	-31.09	peak	
2	1629.825	5.31	26.38	41.49	46.71	36.91	68.20	-31.29	peak	
3	4405.090	7.46	33.60	42.40	47.79	46.45	68.20	-21.75	peak	
4 pp	7221.150	10.07	36.41	40.70	43.96	49.74	68.20	-18.46	peak	
5	10380.000	11.21	37.22	37.47	38.24	49.20	68.20	-19.00	peak	
6	15570.000	14.35	41.37	39.03	32.32	49.01	74.00	-24.99	peak	



Report No.: SZEM171201293902 Page: 113 of 817

Test mode: 802.11ac(HT40) Frequency(MHz):	5190	Peak	Horizontal
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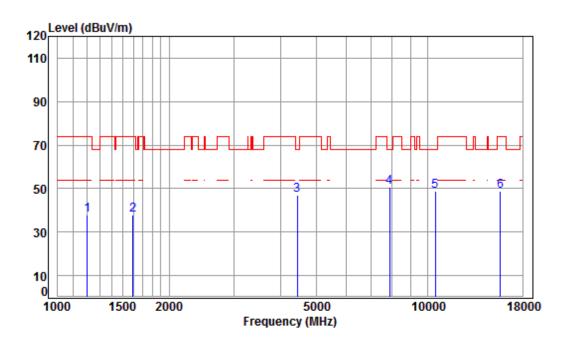


Condi	ition: 3m	HORIZO	NTAL						
Job I	lo : 293	9RG							
Mode	: 519	0 TX	RSE						
	: Ant	2 5G	WIFI 1	1AC(40)	CH38				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	4.69	24.82	41.24	47.00	35.27	68.20	-32.93	peak
2	1374.295	5.06	25.28	41.32	47.84	36.86	74.00	-37.14	peak
3	3901.516	6.88	33.34	42.31	48.20	46.11	74.00	-27.89	peak
4 p	p 8943.274	10.39	36.53	38.70	41.66	49.88	68.20	-18.32	peak
5	10380.000	11.21	37.22	37.47	37.61	48.57	68.20	-19.63	peak
6	15570.000	14.35	41.37	39.03	32.26	48.95	74.00	-25.05	peak



Report No.: SZEM171201293902 Page: 114 of 817

Test mode: 802.11ac(HT40) Frequency(MHz):	5230	Peak	Vertical
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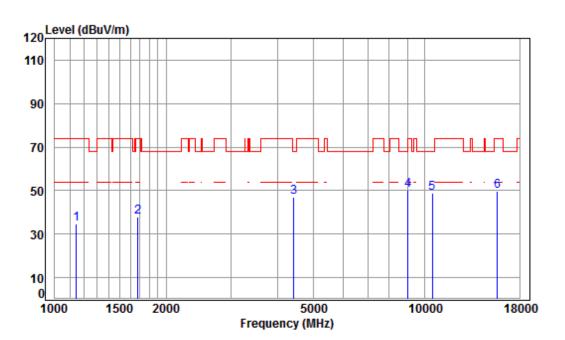


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Test mode: 802.11ac(HT40) Frequency(MHz):	5230	Peak	Horizontal
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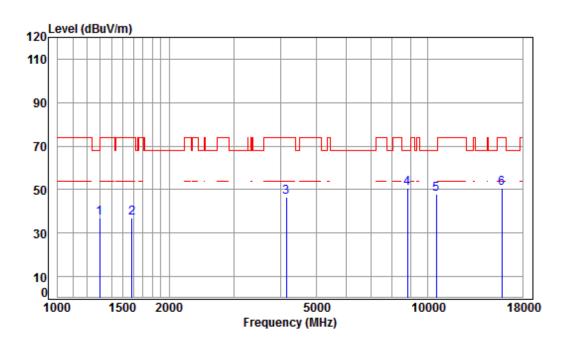


Condi	ition: 3m H	HORIZO	NTAL						
Job N	lo : 293	9RG							
Mode	: 523	9 TX	RSE						
	: Ant	2 5G	WIFI 1	1AC(40)	CH46				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	4.20	24.20	41.14	47.58	34.84	74.00	-39.16	peak
2	1677.621	5.25	26.58	41.52	47.34	37.65	74.00	-36.35	peak
3	4417.841	7.47	33.60	42.40	48.21	46.88	68.20	-21.32	peak
4 p	p 8995.123	10.40	36.59	38.62	41.86	50.23	68.20	-17.97	peak
5	10460.000	11.26	37.14	37.52	38.10	48.98	68.20	-19.22	peak
6	15690.000	14.53	41.32	39.14	32.90	49.61	74.00	-24.39	peak



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Test mode: 802.11ac(HT40) Frequency(MHz):	5270	Peak	Vertical
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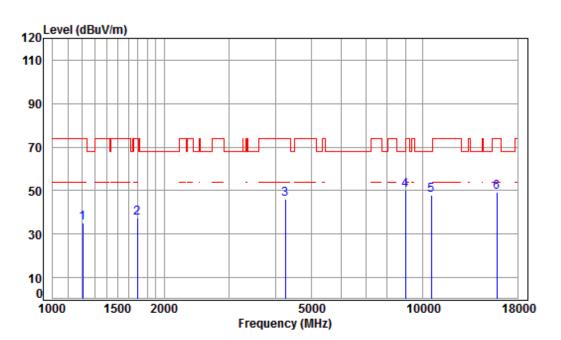


Condi	tion: 3m \	VERTIC	AL						
Job No	o : 2939	9RG							
Mode	: 527	0 TX	RSE						
	: Ant	2 5G	WIFI 1	1AC(40)	CH54				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1297.103	4.79	24.94	41.26	48.31	36.78	68.20	-31.42	peak
2	1587.975	5.37	26.20	41.46	46.65	36.76	74.00	-37.24	peak
3	4145.664	7.16	33.60	42.35	47.97	46.38	74.00	-27.62	peak
4 pp	8814.957	10.35	36.38	38.90	42.75	50.58	68.20	-17.62	peak
5	10540.000	11.32	37.15	37.57	37.09	47.99	68.20	-20.21	peak
6	15810.000	14.71	41.28	39.25	33.74	50.48	74.00	-23.52	peak



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Test mode: 802.11ac(HT40) Frequency(MHz):	5270	Peak	Horizontal
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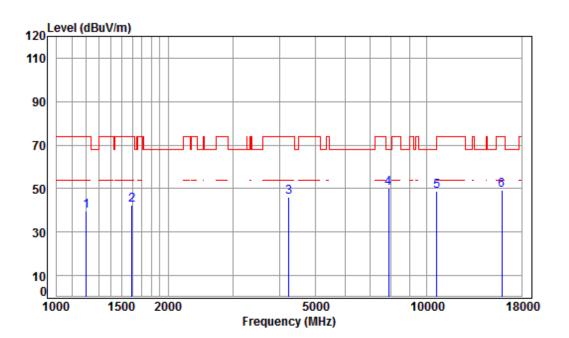


Condi Job N	ition: 3m H No : 2939		NTAL						
Mode	: 5270	9 TX	RSE						
	: Ant	2 5G	WIFI 1	1AC(40)	CH54				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1206.682	4.44	24.51	41.19	47.59	35.35	74.00	-38.65	peak
2	1692.231	5.24	26.64	41.53	47.19	37.54	74.00	-36.46	peak
3	4242.641	7.27	33.60	42.37	47.79	46.29	74.00	-27.71	peak
4 p	p 8969.161	10.39	36.56	38.66	41.87	50.16	68.20	-18.04	peak
5	10540.000	11.32	37.15	37.57	37.24	48.14	68.20	-20.06	peak
6	15810.000	14.71	41.28	39.25	32.70	49.44	74.00	-24.56	peak



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Test mode: 802.11ac(HT40) Frequency(MHz):	5310	Peak	Vertical
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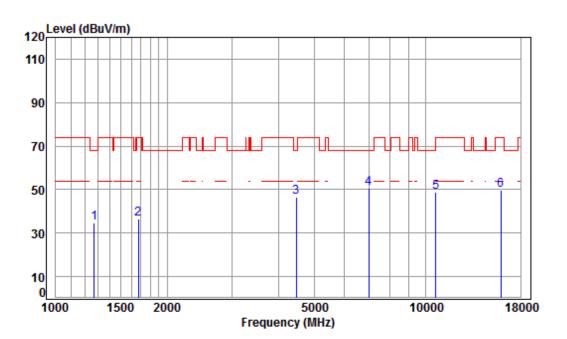


Condi	tion: 3m \	VERTIC	AL						
Job N	o : 2939	9RG							
Mode	: 5310	9 TX	RSE						
	: Ant	2 5G	WIFI 1	1AC(40)	CH62				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	4.43	24.49	41.19	51.96	39.69	74.00	-34.31	peak
2	1597.181	5.35	26.24	41.47	52.42	42.54	74.00	-31.46	peak
3	4230.396	7.26	33.60	42.37	47.72	46.21	74.00	-27.79	peak
4 pp	7875.254	9.96	36.53	40.28	43.98	50.19	68.20	-18.01	peak
5	10620.000	11.37	37.25	37.63	37.82	48.81	74.00	-25.19	peak
6	15930.000	14.89	41.23	39.36	32.44	49.20	74.00	-24.80	peak



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Test mode: 802.11ac(HT40) Frequency(MHz):	5310	Peak	Horizontal
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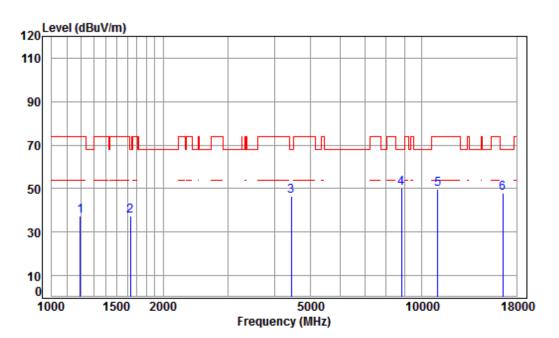


Condi	tion: 3m H	HORIZO	NTAL						
Job N	o : 2939	9RG							
Mode	: 5310	0 TX	RSE						
	: Ant	2 5G	WIFI 1	1AC(40)	CH62				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	4.69	24.82	41.24	46.27	34.54	68.20	-33.66	peak
2	1672.779	5.26	26.56	41.52	46.16	36.46	74.00	-37.54	peak
3	4469.214	7.53	33.60	42.41	47.72	46.44	68.20	-21.76	peak
4 pp	7015.420	10.13	36.49	40.84	44.68	50.46	68.20	-17.74	peak
5	10620.000	11.37	37.25	37.63	37.85	48.84	74.00	-25.16	peak
6	15930.000	14.89	41.23	39.36	32.77	49.53	74.00	-24.47	peak



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Test mode: 802.11ac(HT40) Frequency(MHz):	5510	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG
Mode :	5510 TX RSE

•	2216			NGL		
:	Ant	2	5G	WIFI	11AC(40)	CH102

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	4.40	24.46	41.18	49.85	37.53	74.00	-36.47	peak
2	1629.825	5.31	26.38	41.49	47.01	37.21	68.20	-30.99	peak
3	4430.628	7.48	33.60	42.41	48.01	46.68	68.20	-21.52	peak
4 p	p 8814.957	10.35	36.38	38.90	42.59	50.42	68.20	-17.78	peak
5	11020.000	11.65	37.72	37.89	38.12	49.60	74.00	-24.40	peak
6	16530.000	14.63	42.71	39.89	30.52	47.97	68.20	-20.23	peak

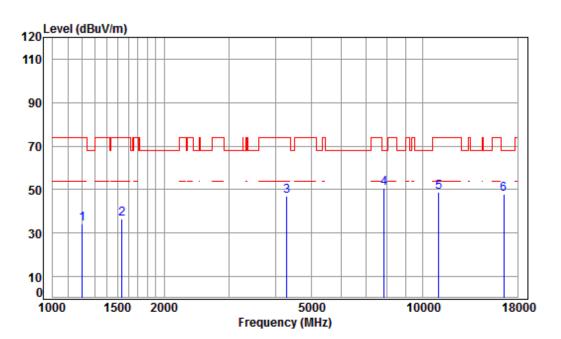


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Test mode: 802.11ac(HT40) Frequency(MHz):	5510	Peak	Horizontal
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Condi Job No	tion: 3m o : 2939		NTAL						
Mode	: 551	9 TX	RSE						
	: Ant	2 5G	WIFI 1:	1AC(40)	CH102	2			
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	4.43	24.49	41.19	46.63	34.36	74.00	-39.64	peak
2	1538.281	5.43	25.98	41.43	46.55	36.53	74.00	-37.47	peak
3	4291.977	7.33	33.60	42.38	48.59	47.14	74.00	-26.86	peak
4 pp	7852.524	9.96	36.51	40.29	44.47	50.65	68.20	-17.55	peak
5	11020.000	11.65	37.72	37.89	37.19	48.67	74.00	-25.33	peak

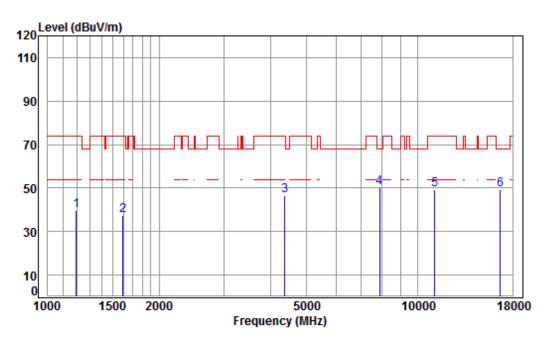
30.56 48.01 68.20 -20.19 peak

16530.000 14.63 42.71 39.89



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Test mode:802.11ac(HT40)Frequency(MHz):5550PeakVertical

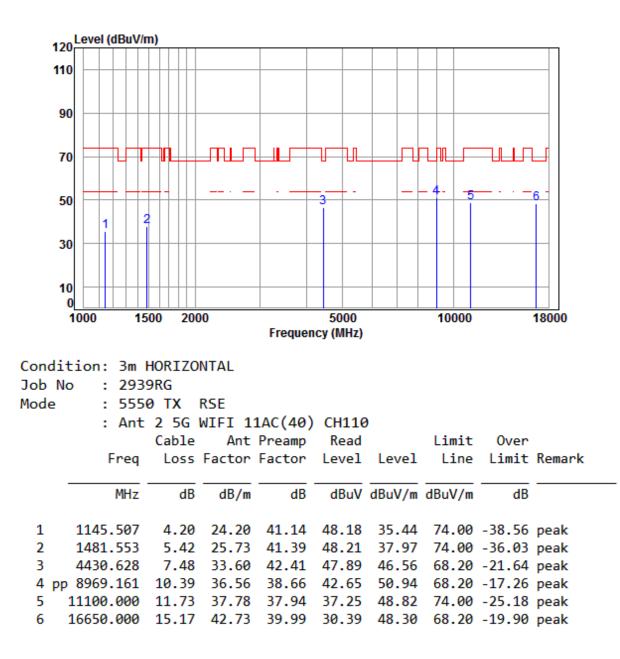


Condi Job N Mode									
noue				1AC(40)	СН110				
	Freq	Cable	Ant	Preamp Factor	Read		Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 2 3 4 pp 5	1196.264 1597.181 4367.058 7875.254 11100.000	5.35 7.41	26.24 33.60 36.53	42.39	47.29 47.70 44.03	37.41 46.32 50.24	74.00 74.00 68.20	-36.59 -27.68 -17.96	peak peak peak
6	16650.000	15.17	42.73	39.99	31.38	49.29	68.20	-18.91	peak



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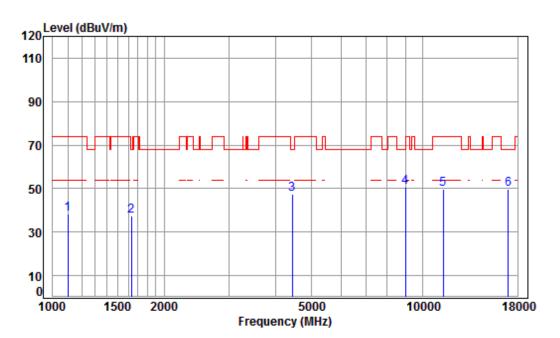
Test mode:802.11ac(HT40)Frequency(MHz):5550PeakHorizontal





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Test mode: 802.11ac(HT40) Frequency(MHz):	5670	Peak	Vertical
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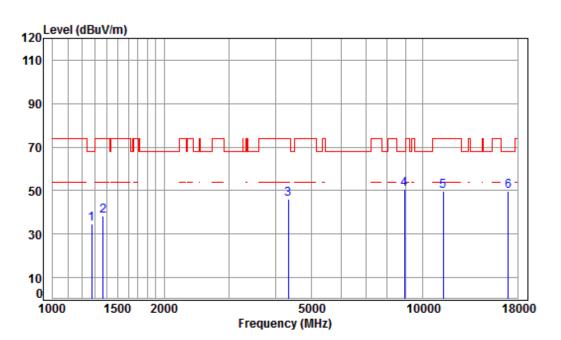


Condi Job No Mode	: 5670	ƏRG Ə TX	RSE						
	: Ant	2 5G		1AC(40)					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1100.079	4.00	23.96	41.10	51.34	38.20	74.00	-35.80	peak
2	1634.543	5.31	26.40	41.49	47.38	37.60	68.20	-30.60	peak
3	4430.628	7.48	33.60	42.41	48.71	47.38	68.20	-20.82	peak
4 pp	8969.161	10.39	36.56	38.66	42.29	50.58	68.20	-17.62	peak
5	11340.000	11.98	37.97	38.10	37.75	49.60	74.00	-24.40	peak
6	17010.000	16.69	42.81	40.29	30.30	49.51	68.20	-18.69	peak



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Test mode: 802.11ac(HT40) Frequency(MHz):	5670	Peak	Horizontal
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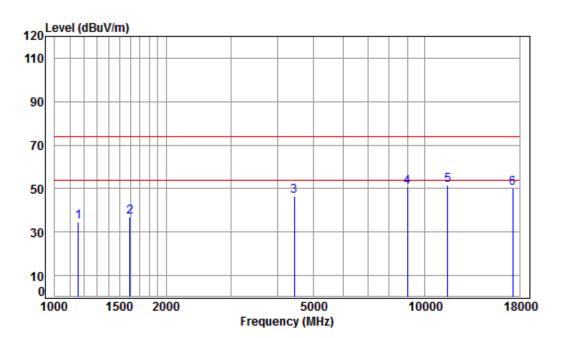


Cond Job Mode		9RG							
Houe				1AC(40)	CH134	L			
		Cable		Preamp	Read		Limit	0ver	
	Freq	Loss		Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
	4074 000	4 74			46.00	24.52	60.00	22.67	
1	1274.802	4.71	24.84	41.24	46.22	34.53	68.20	-33.67	реак
2	1370.328	5.05	25.26	41.32	49.18	38.17	74.00	-35.83	peak
3	4329.354	7.37	33.60	42.39	47.73	46.31	74.00	-27.69	peak
4 p	op 8917.462	10.38	36.50	38.74	42.44	50.58	68.20	-17.62	peak
5	11340.000	11.98	37.97	38.10	38.02	49.87	74.00	-24.13	peak
6	17010.000	16.69	42.81	40.29	30.42	49.63	68.20	-18.57	peak



Report No.: SZEM171201293902 Page: 126 of 817

Test mode: 802.11ac(HT40) Frequency(MHz):	5755	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode :

:	5755	5 1	ГX	RSE		
:	Ant	1	5G	WIFI	11AC(40) CH151

	_			Preamp					_ .
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1158.828	4.25	24.27	41.15	47.35	34.72	74.00	-39.28	peak
2	1597.181	5.35	26.24	41.47	46.91	37.03	74.00	-36.97	peak
3	4443.453	7.50	33.60	42.41	47.69	46.38	74.00	-27.62	peak
4	8969.161	10.39	36.56	38.66	42.30	50.59	74.00	-23.41	peak
5	pp11510.000	12.14	38.11	38.20	39.29	51.34	74.00	-22.66	peak
6	17265.000	16.12	43.12	40.51	31.35	50.08	74.00	-23.92	peak

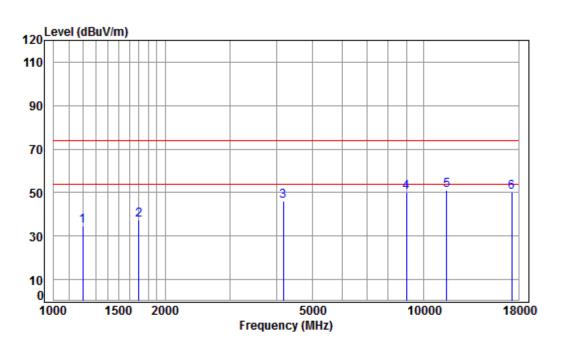


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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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Test mode: 802.11ac(HT40) Frequency(MHz):	5755	Peak	Horizontal
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Condi	tion: 3m	HORIZO	NTAL						
Job No	o : 293	9RG							
Mode	: 575	5 TX	RSE						
	: Ant	1 5G	WIFI 1	1AC(40)	CH151				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dR/m	10		10 1//	10 144		
		ub	ub/m	ab	dBuV	dBuV/m	dBuV/m	dB	
			ub/iii	ab	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726			ав 41.18		-			peak
1 2		4.42	24.48		46.82	34.54	74.00	-39.46	
-	1199.726	4.42 5.23	24.48	41.18	46.82 46.84	34.54 37.20	74.00 74.00	-39.46 -36.80	peak

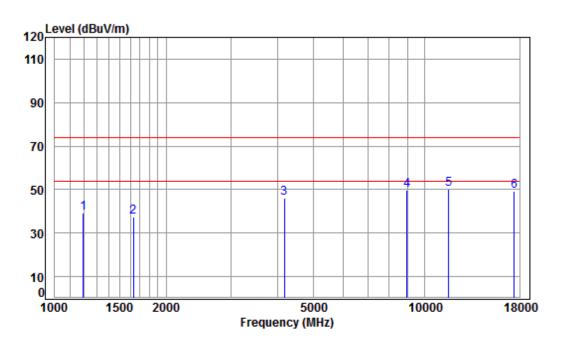
5 pp11510.000 12.14 38.11 38.20 39.03 51.08 74.00 -22.92 peak

17265.000 16.12 43.12 40.51 31.56 50.29 74.00 -23.71 peak



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Test mode: 802.11ac(HT40) Frequency(MHz):	5795	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

: 2939RG : 5795 TX RSE

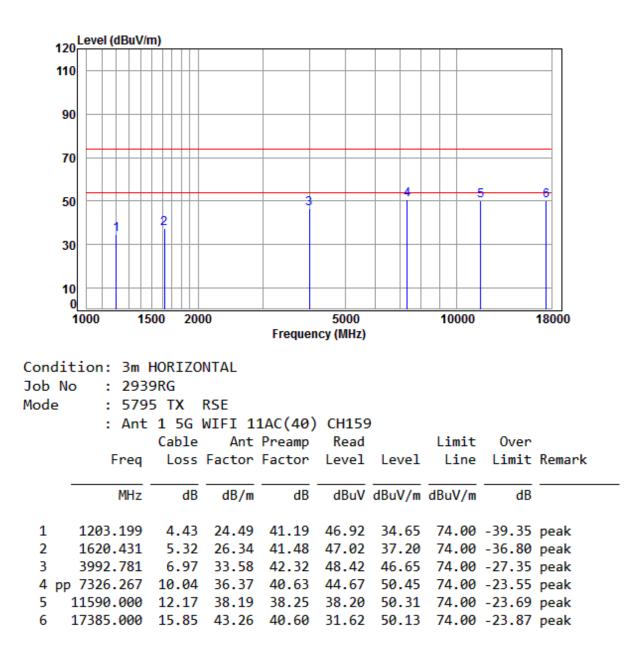
:	Ant	1	5G	WIFI	11AC(40) CH19	59
		_		_	_	_	-

	1 74115	1 20		110(10)	0.1200				
		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	1196.264	4.40	24.46	41.18	51.40	39.08	74.00	-34.92	peak
2	1634.543	5.31	26.40	41.49	47.16	37.38	74.00	-36.62	peak
3	4169.698	7.18	33.60	42.36	47.76	46.18	74.00	-27.82	peak
4	8943.274	10.39	36.53	38.70	41.47	49.69	74.00	-24.31	peak
5	pp11590.000	12.17	38.19	38.25	37.88	49.99	74.00	-24.01	peak
6	17385.000	15.85	43.26	40.60	30.74	49.25	74.00	-24.75	peak
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Test mode:802.11ac(HT40)Frequency(MHz):5795I	Peak	Horizontal
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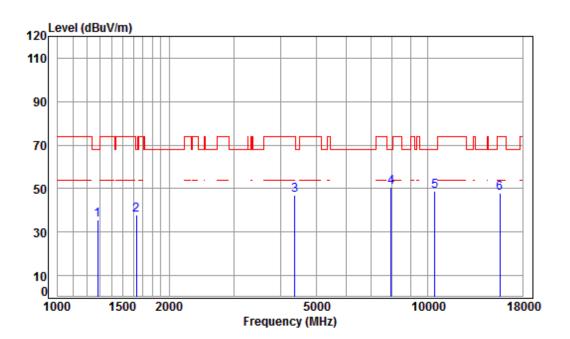


12.4

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

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Test mode: 802.11ac(HT80) Frequency(MHz):	5210	Peak	Vertical
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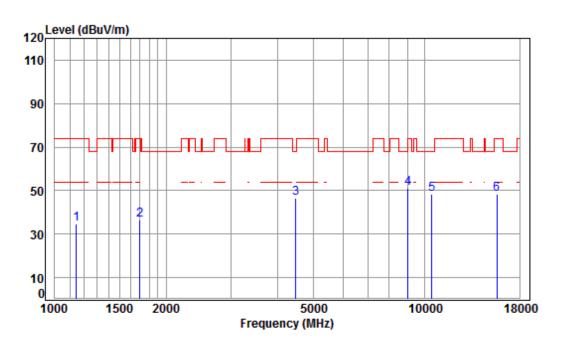


Condi	tion: 3m \	VERTIC	AL						
Job No	o : 2939	9RG							
Mode	: 5210	9 TX	RSE						
	: Ant	1 5G	WIFI 1	1AC(80)	CH42				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	4.73	24.87	41.25	47.26	35.61	68.20	-32.59	peak
2	1629.825	5.31	26.38	41.49	47.70	37.90	68.20	-30.30	peak
3	4367.058	7.41	33.60	42.39	48.33	46.95	74.00	-27.05	peak
4 pp	7943.838	9.96	36.57	40.23	44.21	50.51	68.20	-17.69	peak
5	10420.000	11.24	37.18	37.49	37.78	48.71	68.20	-19.49	peak
6	15630.000	14.44	41.35	39.09	31.40	48.10	74.00	-25.90	peak



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Test mode: 802.11ac(HT80) Frequency(MHz):	5210	Peak	Horizontal
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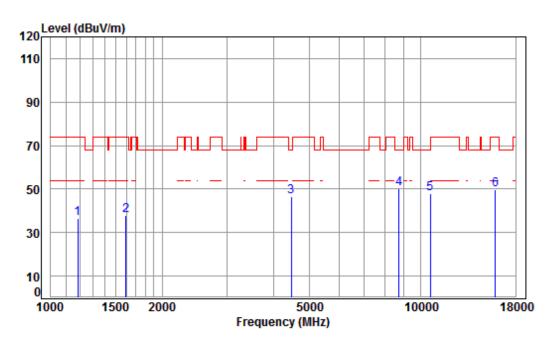


Cond	dition: 3m H	HORIZO	NTAL						
Job	No : 293	9RG							
Mode	e : 521	0 TX	RSE						
	: Ant	1 5G	WIFI 1	1AC(80)	CH42				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	4.20	24.20	41.14	47.50	34.76	74.00	-39.24	peak
2	1697.129	5.23	26.66	41.53	46.24	36.60	74.00	-37.40	peak
3	4482.150	7.54	33.60	42.41	48.03	46.76	68.20	-21.44	peak
4	pp 8995.123	10.40	36.59	38.62	42.58	50.95	68.20	-17.25	peak
5	10420.000	11.24	37.18	37.49	37.56	48.49	68.20	-19.71	peak
6	15630.000	14.44	41.35	39.09	31.74	48.44	74.00	-25.56	peak



Report No.: SZEM171201293902 Page: 132 of 817

Test mode:802.11ac(HT80)Frequency(MHz):5290PeakVertical

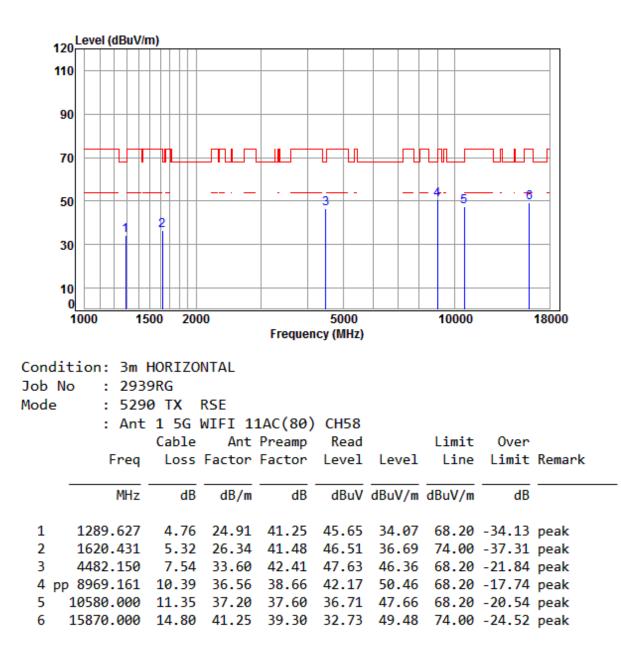


Condi Job N Mode									
	: Ant	1 5G	WIFI 1	1AC(80)	CH58				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1185.936	4.36	24.41	41.17	48.74	36.34	74.00	-37.66	peak
2	1597.181	5.35	26.24	41.47	47.77	37.89	74.00	-36.11	peak
3	4469.214	7.53	33.60	42.41	48.03	46.75	68.20	-21.45	peak
4 pp	8713.630	10.33	36.26	39.05	42.74	50.28	68.20	-17.92	peak
5	10580.000	11.35	37.20	37.60	37.13	48.08	68.20	-20.12	peak
6	15870.000	14.80	41.25	39.30	32.83	49.58	74.00	-24.42	peak



Report No.: SZEM171201293902 Page: 133 of 817

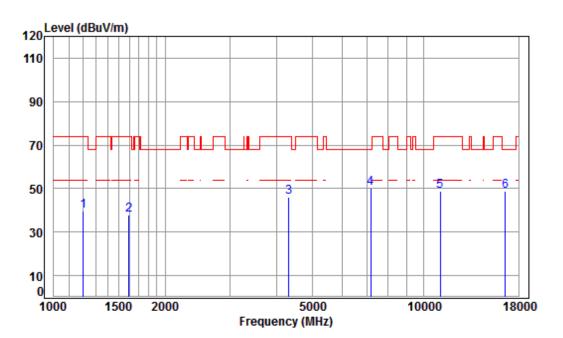
Test mode: 802.11ac(HT80) Frequency(MHz): 5290 Peak H	Horizontal
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Report No.: SZEM171201293902 Page: 134 of 817

Test mode:802.11ac(HT80)Frequency(MHz):5530PeakVertical	equency(MHz): 5530 Peak Vertical
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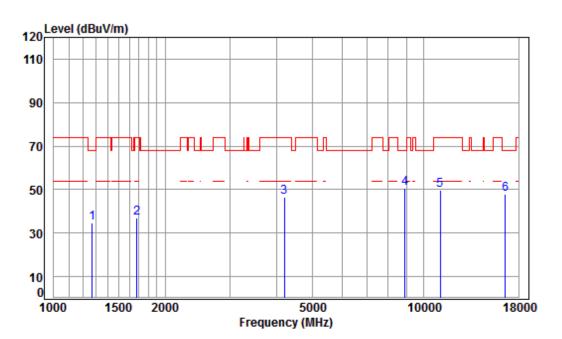


Condi Job I Mode									
				1AC(80)	CH106	;			
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	4.43	24.49	41.19	52.05	39.78	74.00	-34.22	peak
2	1597.181	5.35	26.24				74.00		•
3	4316.859	7.36	33.60	42.38	47.66	46.24	74.00	-27.76	peak
4 p	p 7179.527	10.08	36.43	40.73	44.29	50.07	68.20	-18.13	peak
5	11060.000	11.69	37.75	37.92	37.47	48.99	74.00	-25.01	peak
6	16590.000	14.90	42.72	39.94	31.29	48.97	68.20	-19.23	peak



Report No.: SZEM171201293902 Page: 135 of 817

Test mode:802.11ac(HT80)Frequency(MHz):5530PeakHorizontal

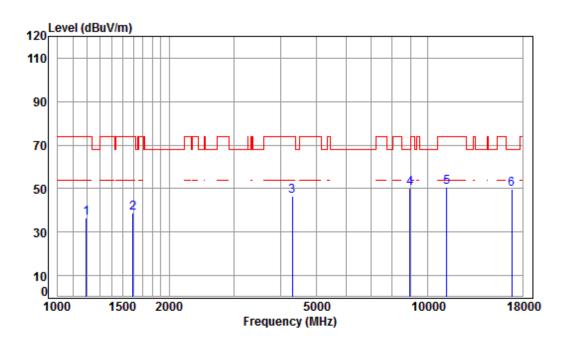


Condi Job N Mode									
	: Ant	1 5G	WIFI 1:	1AC(80)	CH106	5			
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	4.69	24.82	41.24	46.20	34.47	68.20	-33.73	peak
2	1677.621	5.25	26.58	41.52	46.76	37.07	74.00	-36.93	peak
3	4193.872	7.21	33.60	42.36	48.03	46.48	74.00	-27.52	peak
4 p	p 8891.725	10.37	36.47	38.78	42.43	50.49	68.20	-17.71	peak
5	11060.000	11.69	37.75	37.92	38.22	49.74	74.00	-24.26	peak
6	16590.000	14.90	42.72	39.94	30.37	48.05	68.20	-20.15	peak



Report No.: SZEM171201293902 Page: 136 of 817

Test mode: 802.11ac(HT80) Frequency(MHz):	5610	Peak	Vertical
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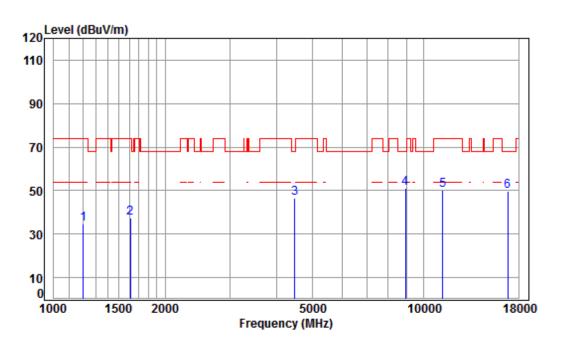


Condi Job No Mode	: 561	9RG 0 T X	RSE						
	: Ant	1 5G		1AC(80)					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	4.40	24.46	41.18	48.69	36.37	74.00	-37.63	peak
2	1597.181	5.35	26.24	41.47	48.48	38.60	74.00	-35.40	peak
3	4304.400	7.34	33.60	42.38	48.01	46.57	74.00	-27.43	peak
4 pp	8943.274	10.39	36.53	38.70	41.95	50.17	68.20	-18.03	peak
5	11220.000	11.86	37.88	38.02	38.75	50.47	74.00	-23.53	peak
6	16830.000	15.97	42.77	40.14	31.04	49.64		-18.56	
									-



Report No.: SZEM171201293902 Page: 137 of 817

Test mode: 802.11ac(HT80) Frequency(MHz):	5610	Peak	Horizontal
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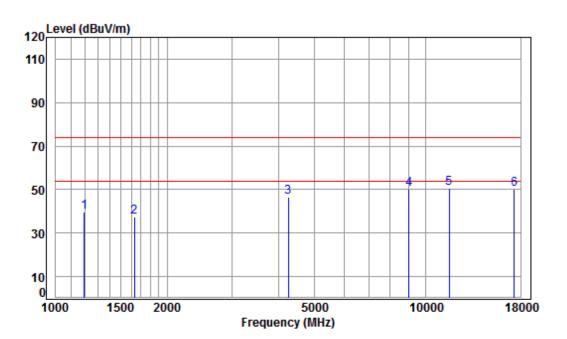


Condi Job N Mode		9RG							
	: Ant	1 5G	WIFI 1:	1AC(80)	CH122				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	4.43	24.49	41.19	46.80	34.53	74.00	-39.47	peak
2	1611.091	5.34	26.30	41.48	47.17	37.33	74.00	-36.67	peak
3	4482.150	7.54	33.60	42.41	47.73	46.46	68.20	-21.74	peak
4 pp	8917.462	10.38	36.50	38.74	42.90	51.04	68.20	-17.16	peak
5	11220.000	11.86	37.88	38.02	38.34	50.06	74.00	-23.94	peak
6	16830.000	15.97	42.77	40.14	31.24	49.84	68.20	-18.36	peak



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Test mode: 802.11ac(HT80) Frequency(MHz):	5775	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

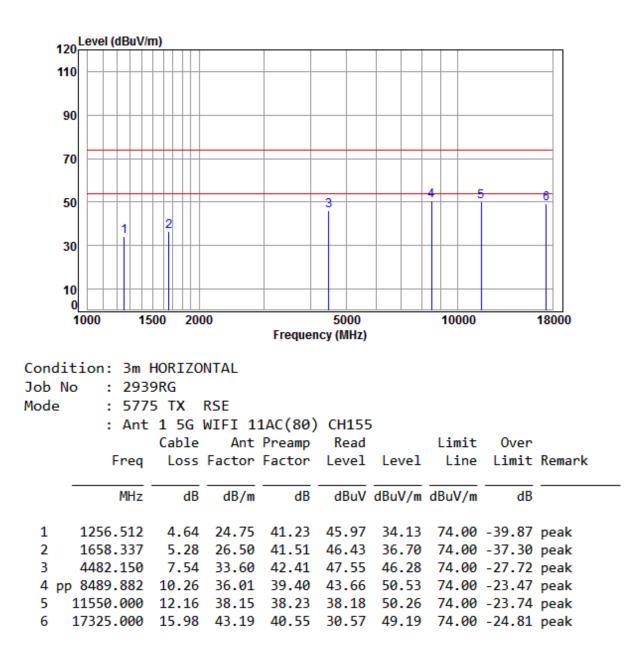
: 5775 TX RSE : Ant 1 5G WIFI 11AC(80) CH155

	Enor			Preamp					Romank
	Freq	LOSS	Factor	Factor	Level	rever	LTHE	LIMIC	Kelliark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	4.40	24.46	41.18	52.18	39.86	74.00	-34.14	peak
2	1634.543	5.31	26.40	41.49	47.05	37.27	74.00	-36.73	peak
3	4254.921	7.28	33.60	42.37	47.81	46.32	74.00	-27.68	peak
4	8995.123	10.40	36.59	38.62	41.95	50.32	74.00	-23.68	peak
5	pp11550.000	12.16	38.15	38.23	38.72	50.80	74.00	-23.20	peak
6	17325.000	15.98	43.19	40.55	31.79	50.41	74.00	-23.59	peak



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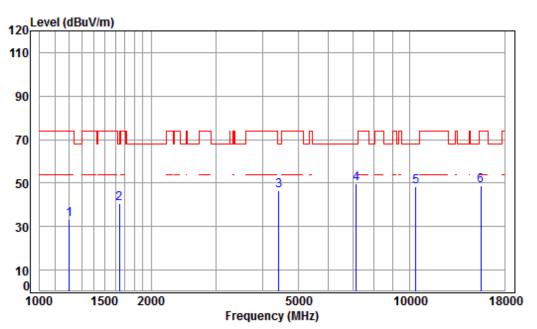
Test mode: 802.11ac(HT80) Frequency(MHz):	5775	Peak	Horizontal
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ANT2 Test plot as follows	S:				
Test mode:	802.11a	Frequency(MHz):	5180	Peak	Vertical

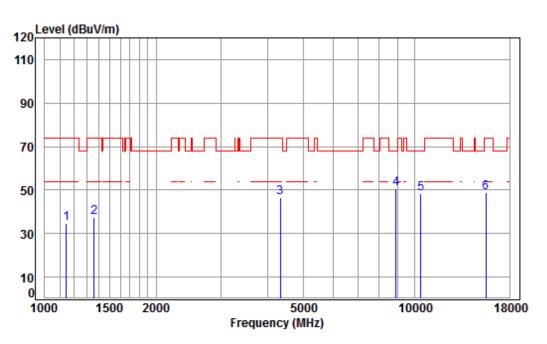


Condi Job N Mode	: 5180	ƏRG Ə TX	RSE						
	: Ant	1 5G Cable		1A CH36 Preamp	Read		Limit	0ver	
	-								<u> </u>
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	4.43	24.49	41.19	45.74	33.47	74.00	-40.53	peak
2	1644.019	5.30	26.44	41.50	50.26	40.50	68.20	-27.70	peak
3	4417.841	7.47	33.60	42.40	47.78	46.45	68.20	-21.75	peak
4 pr	p 7158.806	10.09	36.43	40.74	43.80	49.58	68.20	-18.62	peak
5	10360.000	11.19	37.24	37.45	37.30	48.28	68.20	-19.92	peak
6	15540.000	14.30		39.00	32.19	48.87		-25.13	•



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Test mode:802.11aFrequency(MHz):5180Peak	Horizontal

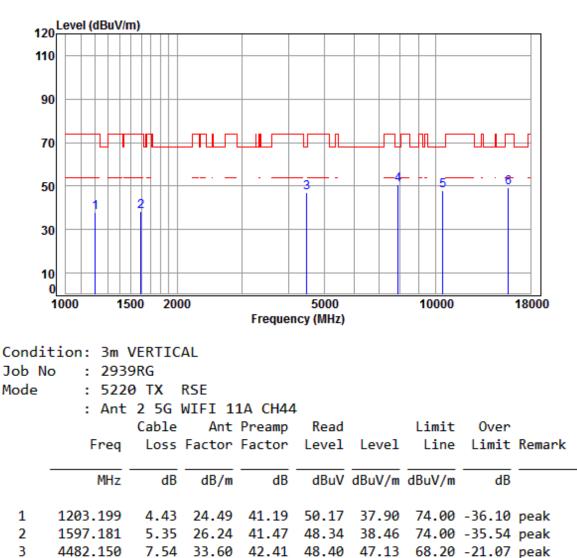


Job No	: 5186	ƏRG Ə TX	RSE	LA CH36					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	4.20	24.20	41.14	47.32	34.58	74.00	-39.42	peak
2	1362.430	5.02	25.23	41.31	48.33	37.27	74.00	-36.73	peak
3	4329.354	7.37	33.60	42.39	47.85	46.43	74.00	-27.57	peak
4 pp	8891.725	10.37	36.47	38.78	42.66	50.72	68.20	-17.48	peak
5	10360.000	11.19	37.24	37.45	37.61	48.59	68.20	-19.61	peak
6	15540.000	14.30	41.38	39.00	32.15	48.83	74.00	-25.17	peak



Report No.: SZEM171201293902 Page: 142 of 817

Test mode: 802.11a Frequency(MHz): 5220 Peak Vertical	Test mode:	802.11a	Frequency(MHz):	5220	Peak	Vertical



 3
 4482.150
 7.54
 33.60
 42.41
 48.40
 47.13
 68.20
 -21.07
 peak

 4
 pp
 7898.049
 9.96
 36.54
 40.26
 44.38
 50.62
 68.20
 -17.58
 peak

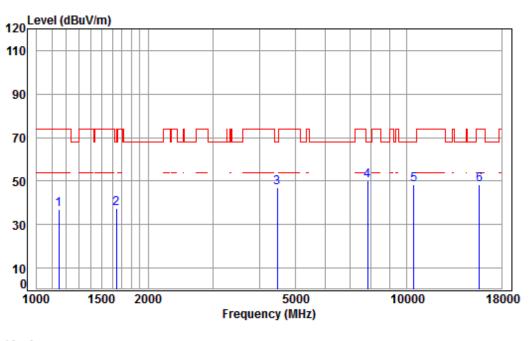
 5
 10440.000
 11.25
 37.16
 37.51
 37.00
 47.90
 68.20
 -20.30
 peak

 6
 15660.000
 14.48
 41.34
 39.11
 32.52
 49.23
 74.00
 -24.77
 peak



Report No.: SZEM171201293902 Page: 143 of 817

Test mode:802.11aFrequency(MHz):5220PeakH	Horizontal

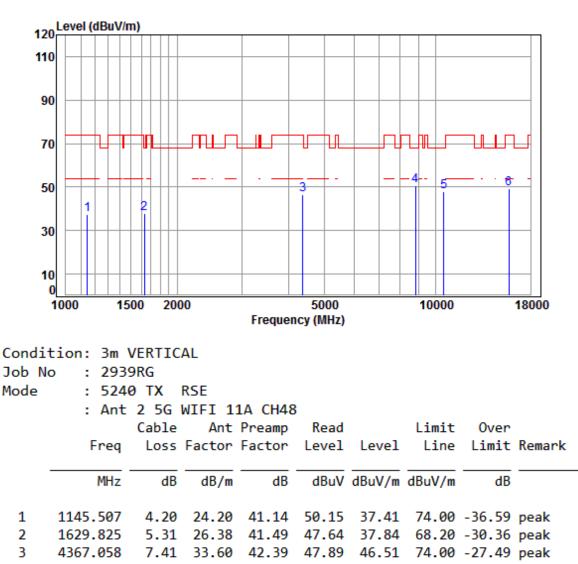


Condition: 3m HORIZONTAL												
Job No : 2939RG												
Mode : 5220 TX RSE												
: Ant 2 5G WIFI 11A CH44												
		Cable	Ant	Preamp	Read		Limit	0ver				
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark			
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB				
1	1148.823	4.21	24.22	41.14	49.74	37.03	74.00	-36.97	peak			
2	1644.019	5.30	26.44	41.50	47.03	37.27	68.20	-30.93	peak			
3	4469.214	7.53	33.60	42.41	48.17	46.89	68.20	-21.31	peak			
4	pp 7829.860	9.97	36.50	40.31	44.09	50.25	68.20	-17.95	peak			
5	10440.000	11.25	37.16	37.51	37.53	48.43	68.20	-19.77	peak			
6	15660.000	14.48	41.34	39.11	31.75	48.46	74.00	-25.54	peak			



Report No.: SZEM171201293902 Page: 144 of 817

Test mode:802.11aFrequency(MHz):5240PeakVertical						
	Test mode:	802.11a	Frequency(MHz):	5240	Peak	Vertical



 3
 4367.058
 7.41
 33.60
 42.39
 47.89
 46.51
 74.00
 -27.49 peak

 4 pp
 8789.516
 10.35
 36.35
 38.93
 42.70
 50.47
 68.20
 -17.73 peak

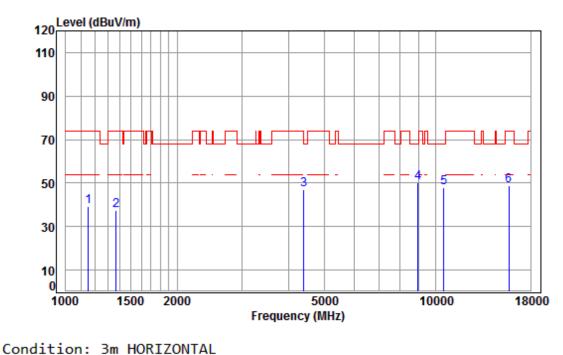
 5
 10480.000
 11.28
 37.12
 37.53
 37.10
 47.97
 68.20
 -20.23 peak

 6
 15720.000
 14.57
 41.31
 39.17
 32.43
 49.14
 74.00
 -24.86 peak



Report No.: SZEM171201293902 Page: 145 of 817

Test mode:802.11aFrequency(MHz):5240PeakH	Horizontal

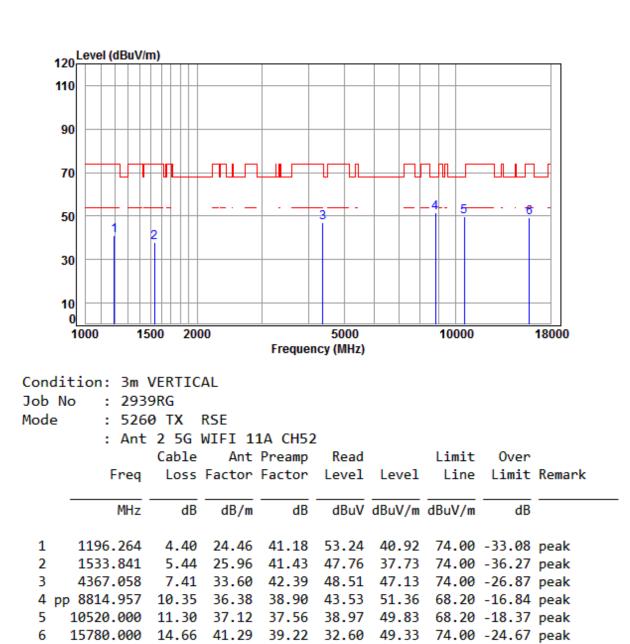


CONGI		IONIEO							
Job No	o : 2939	ƏRG							
Mode	: 5240	9 TX	RSE						
	: Ant	2 5G	WIFI 1	1A CH48					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1152.148	4.22	24.24	41.14	51.93	39.25	74.00	-34.75	peak
2	1370.328	5.05	25.26	41.32	48.45	37.44	74.00	-36.56	peak
3	4392.376	7.44	33.60	42.40	48.16	46.80	74.00	-27.20	peak
4 pp	8943.274	10.39	36.53	38.70	41.96	50.18	68.20	-18.02	peak
5	10480.000	11.28	37.12	37.53	37.03	47.90	68.20	-20.30	peak
6	15720.000	14.57	41.31	39.17	32.10	48.81	74.00	-25.19	peak



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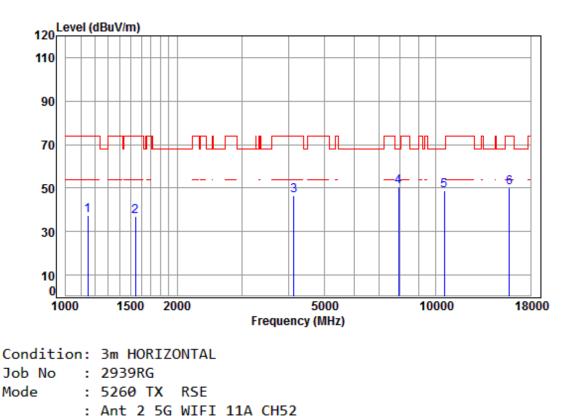
Test mode: 802.11a Frequency(MHz): 5260 Peak Vertical						
	Test mode:	802.11a	Frequency(MHz):	5260	Peak	Vertical





Report No.: SZEM171201293902 Page: 147 of 817

Test mode:802.11aFrequency(MHz):5260Peak	Horizontal

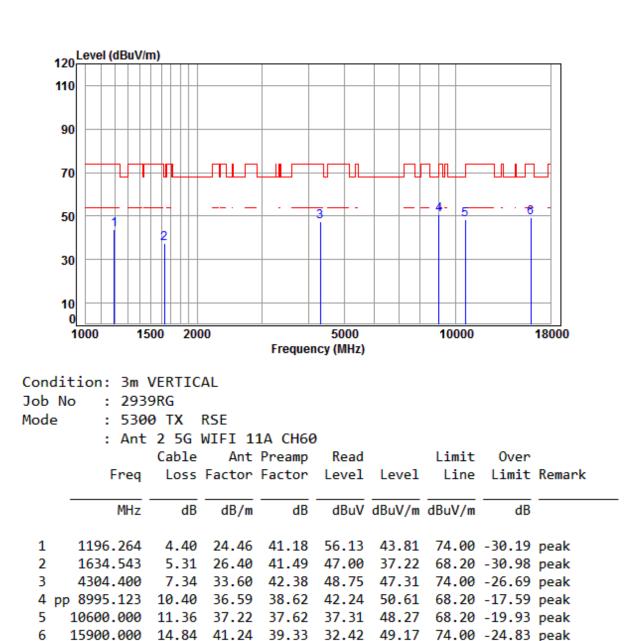


				-	·			-	
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1148.823	4.21	24.22	41.14	50.17	37.46	74.00	-36.54	peak
2	1542.733	5.42	26.00	41.43	47.15	37.14	74.00	-36.86	peak
3	4133.699	7.14	33.60	42.35	48.22	46.61	74.00	-27.39	peak
4	pp 7920.911	9.96	36.55	40.25	44.57	50.83	68.20	-17.37	peak
5	10520.000	11.30	37.12	37.56	38.09	48.95	68.20	-19.25	peak
6	15780.000	14.66	41.29	39.22	33.38	50.11	74.00	-23.89	peak



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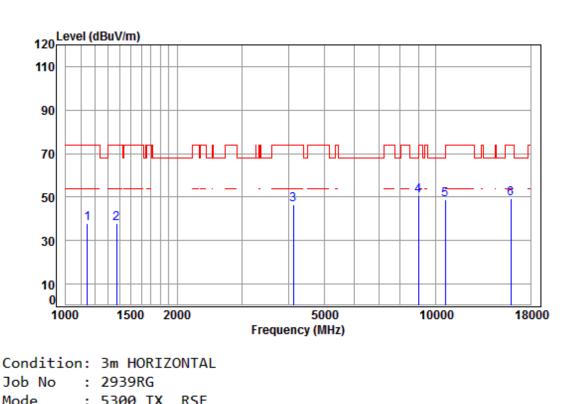
Test mode: 802 11a Frequency/(MHz): 5300 Peak Vertical						
	Test mode:	802.11a	Frequency(MHz):	5300	Peak	Vertical





Report No.: SZEM171201293902 Page: 149 of 817

Test mode: 802.11a Frequency(MHz): 5300 Peak Horiz	Test mode:	802.11a	Frequency(MHz):	5300	Peak	Horizontal

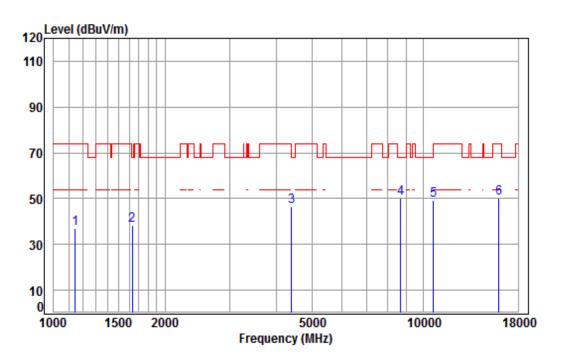


noue			NDL						
	: Ant	2 5G	WIFI 1	1A CH60					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	4.20	24.20	41.14	50.68	37.94	74.00	-36.06	peak
2	1374.295	5.06	25.28	41.32	49.04	38.06	74.00	-35.94	peak
3	4121.768	7.13	33.60	42.35	48.05	46.43	74.00	-27.57	peak
4	pp 8969.161	10.39	36.56	38.66	42.21	50.50	68.20	-17.70	peak
5	10600.000	11.36	37.22	37.62	37.70	48.66	68.20	-19.54	peak
6	15900.000	14.84	41.24	39.33	32.46	49.21	74.00	-24.79	peak



Report No.: SZEM171201293902 Page: 150 of 817

Test mode: 802.11a Frequency(MHz): 5320 Peak Vertical



Condition:	3m VERTICAL
Joh No ·	2939RG

JOD	NO
Mode	2

. :	2939	RG	
:	5320	ТΧ	RSE

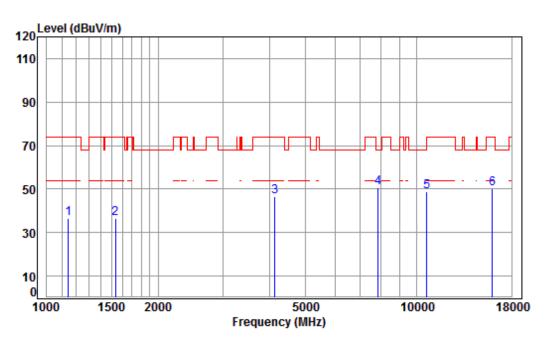
: Ant 2 5G WIFI 11A CH64

	. Anc	2 50	WILL I	TA CHO4					
		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	1145.507	4.20	24.20	41.14	49.61	36.87	74.00	-37.13	peak
2	1634.543	5.31	26.40	41.49	47.91	38.13	68.20	-30.07	peak
3	4392.376	7.44	33.60	42.40	47.84	46.48	74.00	-27.52	peak
4	pp 8663.404	10.31	36.20	39.13	42.83	50.21	68.20	-17.99	peak
5	10640.000	11.39	37.27	37.64	38.25	49.27	74.00	-24.73	peak
6	15960.000	14.93	41.22	39.38	33.54	50.31	74.00	-23.69	peak
									-



Report No.: SZEM171201293902 Page: 151 of 817

		Test mode:	802.11a	Frequency(MHz):	5320	Peak	Horizontal
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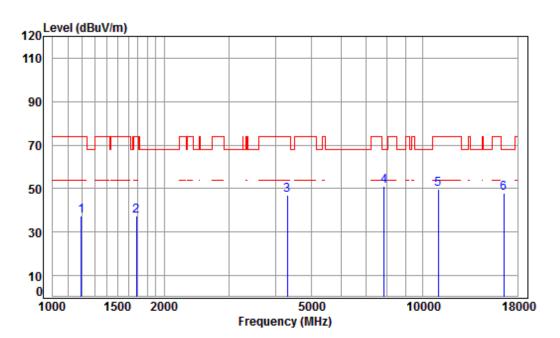


Mode : 5320 TX RSE : Ant 2 5G WIFI 11A CH64	
Cable Ant Preamp Read Limit Over	
Freq Loss Factor Factor Level Level Line Limit Remark	
MHz dB dB/m dB dBuV/mdBuV/m dB	
1 1145.507 4.20 24.20 41.14 49.23 36.49 74.00 -37.51 peak	
2 1533.841 5.44 25.96 41.43 46.52 36.49 74.00 -37.51 peak	
3 4133.699 7.14 33.60 42.35 48.14 46.53 74.00 -27.47 peak	
4 pp 7852.524 9.96 36.51 40.29 44.61 50.79 68.20 -17.41 peak	
5 10640.000 11.39 37.27 37.64 37.88 48.90 74.00 -25.10 peak	
6 15960.000 14.93 41.22 39.38 33.47 50.24 74.00 -23.76 peak	



Report No.: SZEM171201293902 Page: 152 of 817

Test mode:802.11aFrequency(MHz):5500PeakVertical
--



Condition:	3m VERTICAL
Job No :	2939RG

Mode

: 5500 TX RSE : Ant 2 5G WIFI 11A CH100

		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	1196.264	4.40	24.46	41.18	49.87	37.55	74.00	-36.45	peak
2	1682.477	5.25	26.60	41.52	46.87	37.20	74.00	-36.80	peak
3	4304.400	7.34	33.60	42.38	48.42	46.98	74.00	-27.02	peak
4	pp 7852.524	9.96	36.51	40.29	44.81	50.99	68.20	-17.21	peak
5	11000.000	11.63	37.70	37.88	38.35	49.80	74.00	-24.20	peak
6	16500.000	14.50	42.70	39.86	30.67	48.01	68.20	-20.19	peak



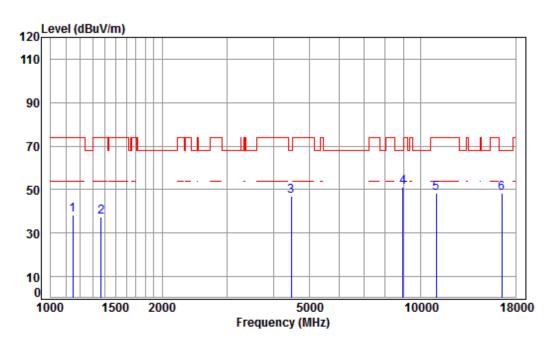
5

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Test mode:802.11aFrequency(MHz):5500	Peak	Horizontal
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Condit Job No	tion: 3m H p : 2939		NTAL						
Mode	: 550	9 TX I	RSE						
	: Ant	2 5G I	WIFI 1	1A CH10	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	1148.823	4.21	24.22	41.14	50.84	38.13	74.00	-35.87	peak
2	1370.328	5.05	25.26	41.32	48.55	37.54	74.00	-36.46	peak
3	4469.214	7.53	33.60	42.41	48.21	46.93	68.20	-21.27	peak

4 pp 8943.274 10.39 36.53 38.70 42.82 51.04 68.20 -17.16 peak

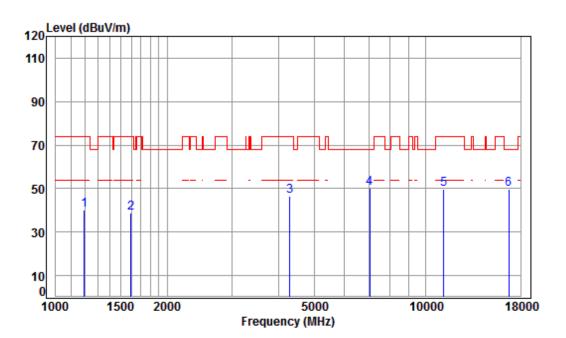
11000.000 11.63 37.70 37.88 37.13 48.58 74.00 -25.42 peak

16500.000 14.50 42.70 39.86 31.09 48.43 68.20 -19.77 peak



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Test mode:802.11aFrequency(MHz):5580PeakVertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

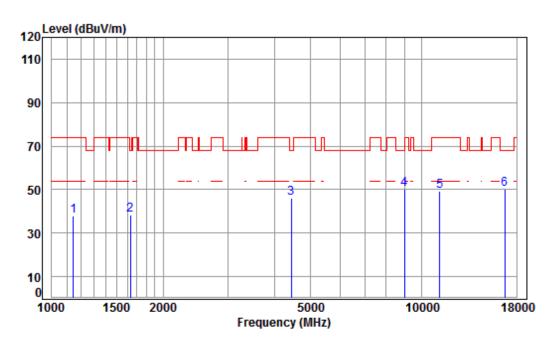
: 5580 TX RSE : Ant 2 5G WIFI 11A CH116

		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	1196.264	4.40	24.46	41.18	52.60	40.28	74.00	-33.72	peak
2	1597.181	5.35	26.24	41.47	48.87	38.99	74.00	-35.01	peak
3	4291.977	7.33	33.60	42.38	47.98	46.53	74.00	-27.47	peak
4 p	p 7056.092	10.11	36.48	40.81	44.62	50.40	68.20	-17.80	peak
5	11160.000	11.80	37.83	37.98	38.23	49.88	74.00	-24.12	peak
6	16740.000	15.57	42.75	40.07	31.65	49.90	68.20	-18.30	peak



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Test mode:802.11aFrequency(MHz):5580) Peak Horizontal
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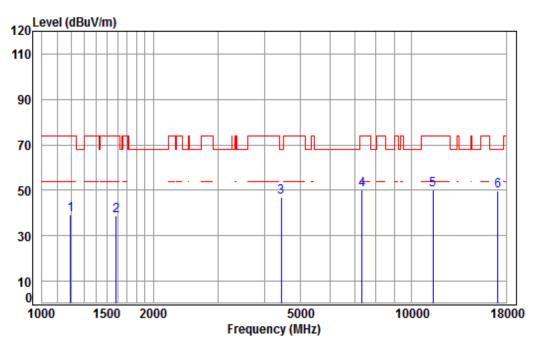
Condit Job No			ONTAL						
Mode			RSF						
noue									
	: Ant	2 5G	WIFI 1	1A CH11	.6				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
-	MHz	dB	dP /m		-dpM	dDu///m	dBull/m	40	
	MULT	ub	00/11	dB	ubuv	ubuv/m	ubuv/m	dB	

1	1145.507	4.20	24.20	41.14	50.83	38.09	74.00 -35.91 peak
							68.20 -30.07 peak
3	4430.628	7.48	33.60	42.41	47.63	46.30	68.20 -21.90 peak
4	pp 8969.161	10.39	36.56	38.66	41.88	50.17	68.20 -18.03 peak
5	11160.000	11.80	37.83	37.98	37.77	49.42	74.00 -24.58 peak
6	16740.000	15.57	42.75	40.07	31.86	50.11	68.20 -18.09 peak



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Test mode: 802.11a Frequency(MHz): 5700 Peak Vertical

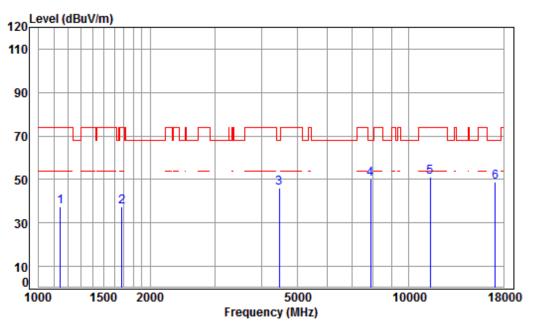


Cond Job Mode	e : 570	9RG 0 TX	RSE	1A CH14	10				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	4.40	24.46	41.18	51.60	39.28	74.00	-34.72	peak
2	1587.975	5.37	26.20	41.46	48.85	38.96	74.00	-35.04	peak
3	4430.628	7.48	33.60	42.41	48.19	46.86	68.20	-21.34	peak
4	7326.267	10.04	36.37	40.63	44.62	50.40	74.00	-23.60	peak
5	11400.000	12.04	38.02	38.13	38.20	50.13	74.00	-23.87	peak
6	pp17100.000	16.49	42.92	40.37	30.53	49.57	68.20	-18.63	peak



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Test mode:802.11aFrequency(MHz):5700PeakHorizontal
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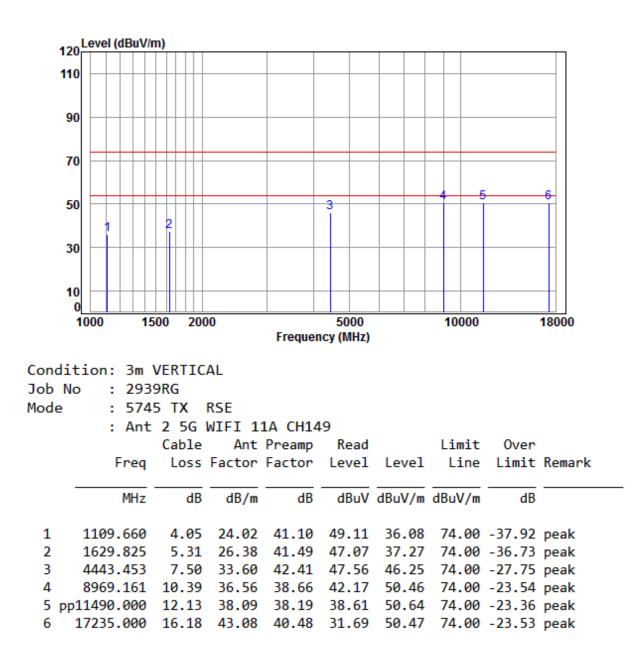


Condi Job No Mode	: 5700	ƏRG Ə TX	RSE	1A CH14	.0				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	4.20	24.20	41.14	49.94	37.20	74.00	-36.80	peak
2	1677.621	5.25	26.58	41.52	46.99	37.30	74.00	-36.70	peak
3	4469.214	7.53	33.60	42.41	47.50	46.22	68.20	-21.98	peak
4 pp	7875.254	9.96	36.53	40.28	44.07	50.28	68.20	-17.92	peak
5	11400.000	12.04	38.02	38.13	38.99	50.92	74.00	-23.08	peak
6	17100.000	16.49	42.92	40.37	29.77	48.81	68.20	-19.39	peak



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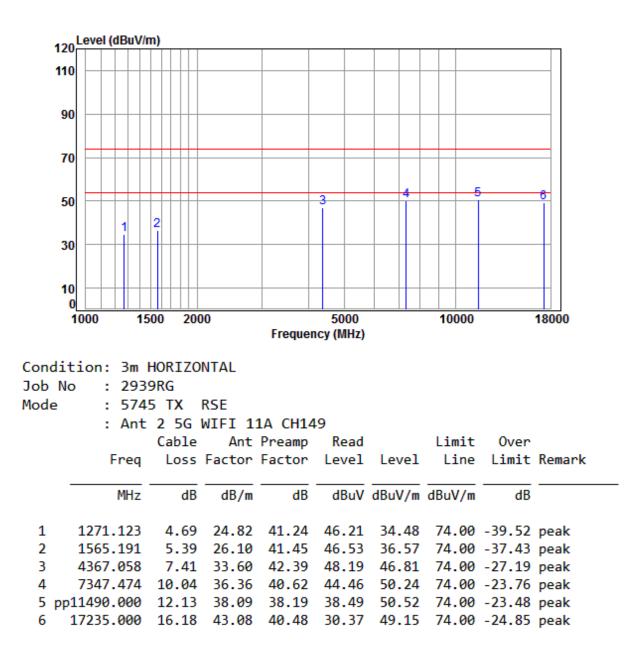
Test mode: 802.11a Frequency(MHz): 5745 Peak Vertical





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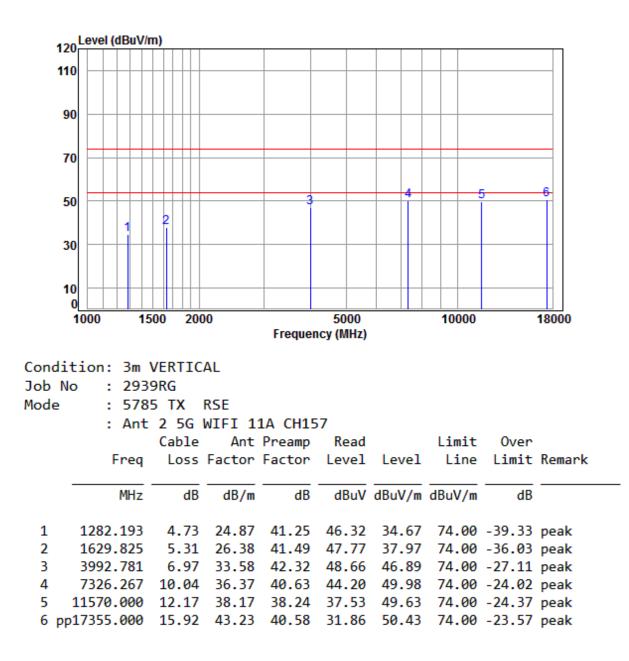
Test mode: 802.11a Frequency(MHz): 5745 Peak Horizontal





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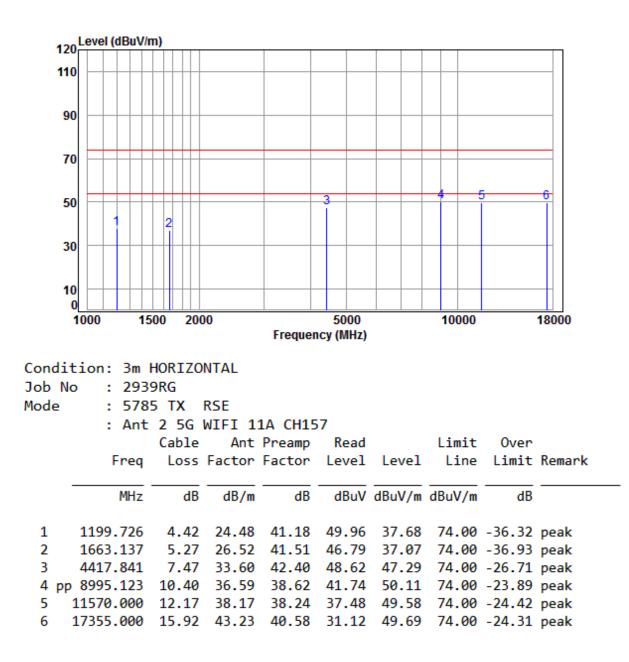
Test mode:802.11aFrequency(MHz):5785Peak	Vertical
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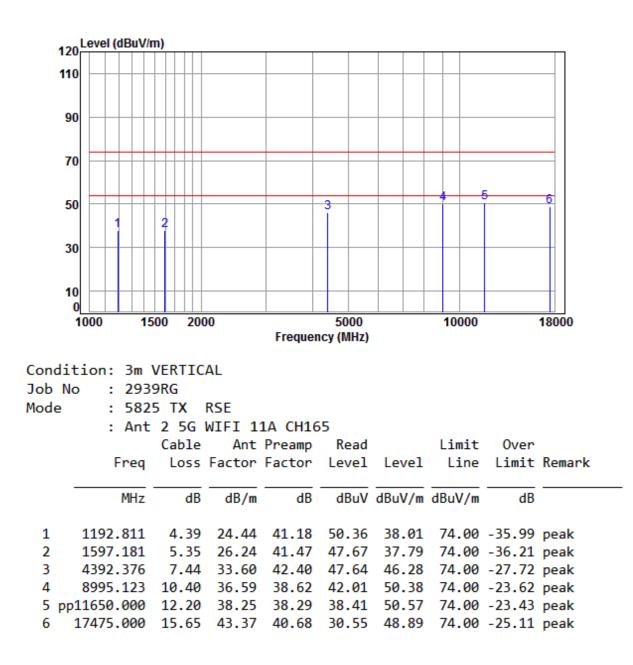
Test mode:802.11aFrequency(MHz):5785	Peak	Horizontal
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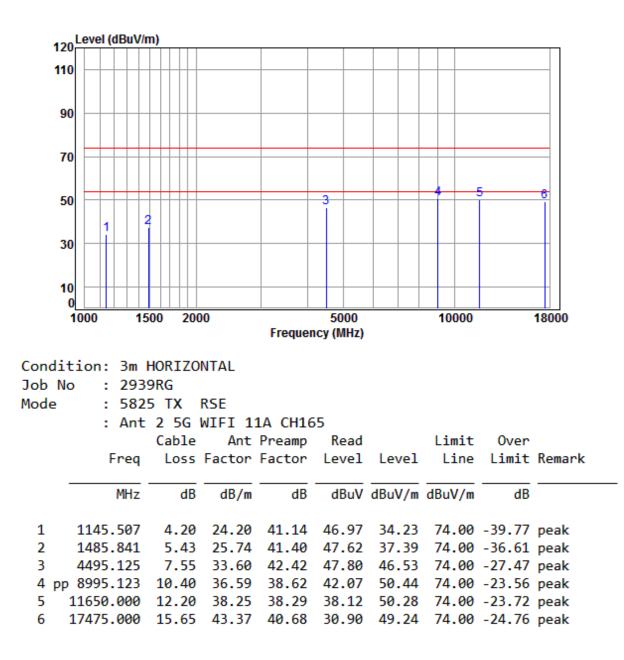
Test mode:802.11aFrequency(MHz):5825Peak	Vertical
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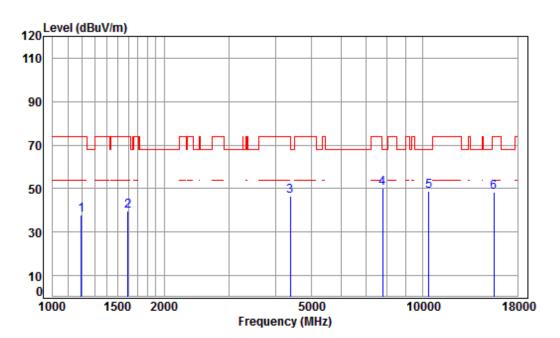
Test mode: 802.11a Frequency(MHz): 5825 Peak Horizontal





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Test mode: 802.11n(HT20) Frequency(MHz):	5180	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

: 5180 TX RSE : Ant 2 5G WIFI 11N CH36

		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	1196.264	4.40	24.46	41.18	50.18	37.86	74.00	-36.14	peak
2	1597.181	5.35	26.24	41.47	49.59	39.71	74.00	-34.29	peak
3	4379.699	7.43	33.60	42.40	48.09	46.72	74.00	-27.28	peak
4 pp	7784.729	9.97	36.47	40.33	44.24	50.35	68.20	-17.85	peak
5	10360.000	11.19	37.24	37.45	37.87	48.85	68.20	-19.35	peak
6	15540.000	14.30	41.38	39.00	31.87	48.55	74.00	-25.45	peak

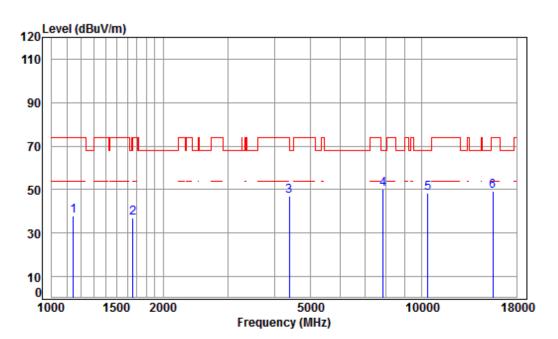


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Test mode: 802.11n(HT20) Frequency(MHz):	5180	Peak	Horizontal
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Condi Job N Mode									
	: Ant	2 5G	WIFI 1	1N CH36					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	4.20	24.20	41.14	50.70	37.96	74.00	-36.04	peak
2	1658.337	5.28	26.50	41.51	46.81	37.08	68.20	-31.12	peak
3	4379.699	7.43	33.60	42.40	48.33	46.96	74.00	-27.04	peak
4 p	p 7852.524	9.96	36.51	40.29	44.00	50.18	68.20	-18.02	peak
5	10360.000	11.19	37.24	37.45	37.50	48.48	68.20	-19.72	peak

15540.000 14.30 41.38 39.00 32.41 49.09 74.00 -24.91 peak



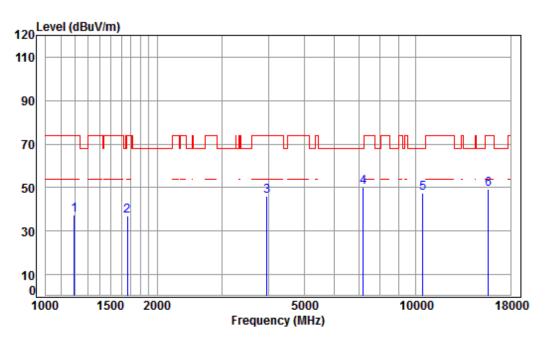
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0ver

dB

Limit Remark

Test mode: 802.11n(HT20) Frequency(MHz):	5220	Peak	Vertical
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Condi	tion: 3m	VERTIC	AL				
Job No	o : 29	39RG					
Mode	: 52	20 TX	RSE				
	: An	t 2 5G	WIFI 1	1N CH44	Ļ		
		Cable	Ant	Preamp	Read		Limit
	Freq	Loss	Factor	Factor	Level	Level	Line
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
	4406 064		24.46	44 40	40.67	27.25	74.00

1	1196.264	4.40	24.46	41.18	49.67	37.35	74.00 -36.65 peak
2	1663.137	5.27	26.52	41.51	46.45	36.73	74.00 -37.27 peak
3	3958.309	6.94	33.49	42.32	48.17	46.28	74.00 -27.72 peak
4	pp 7200.309	10.08	36.42	40.72	44.46	50.24	68.20 -17.96 peak
5	10440.000	11.25	37.16	37.51	36.72	47.62	68.20 -20.58 peak
6	15660.000	14.48	41.34	39.11	32.48	49.19	74.00 -24.81 peak



6

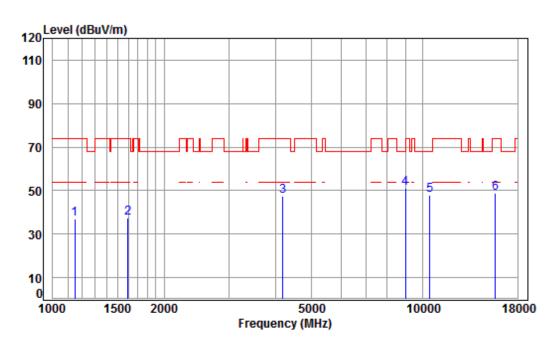
15660.000

14.48 41.34

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Test mode: 802.11n(HT20) Frequency(MHz):	5220	Peak	Horizontal
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Condi Job No	tion: 3m o : 2939		NTAL						
Mode	: 522	0 TX	RSE						
	: Ant	2 5G	WIFI 1	1N CH44					
		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	1148.823	4.21	24.22	41.14	49.89	37.18	74.00	-36.82	peak
2	1597.181	5.35	26.24	41.47	47.18	37.30	74.00	-36.70	peak
3	4181.768	7.20	33.60	42.36	48.95	47.39	74.00	-26.61	peak
4 pp	8969.161	10.39	36.56	38.66	42.91	51.20	68.20	-17.00	peak
5	10440.000	11.25	37.16	37.51	36.90	47.80	68.20	-20.40	peak

39.11

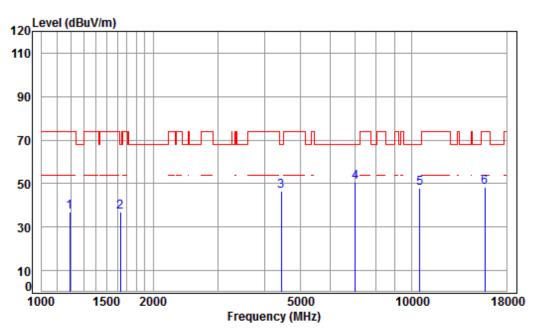
32.32 49.03

74.00 -24.97 peak



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Test mode: 802.11n(HT20) Frequency(MHz):	5240	Peak	Vertical
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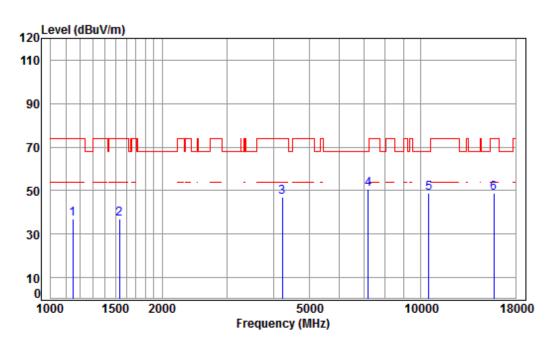


Condition: 3m VERTICAL Job No : 2939RG Mode : 5240 TX RSE : Ant 2 5G WIFI 11N CH48										
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1192.811	4.39	24.44	41.18	49.13	36.78	74.00	-37.22	peak	
2	1629.825	5.31	26.38	41.49	46.96	37.16	68.20	-31.04	peak	
3	4443.453	7.50	33.60	42.41	47.97	46.66	68.20	-21.54	peak	
4 pp	7035.727	10.12	36.49	40.83	44.80	50.58	68.20	-17.62	peak	
5	10480.000	11.28	37.12	37.53	36.91	47.78	68.20	-20.42	peak	
6	15720.000	14.57	41.31	39.17	31.69	48.40	74.00	-25.60	peak	



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Test mode: 802.11n(HT20) Frequency(MHz):	5240	Peak	Horizontal
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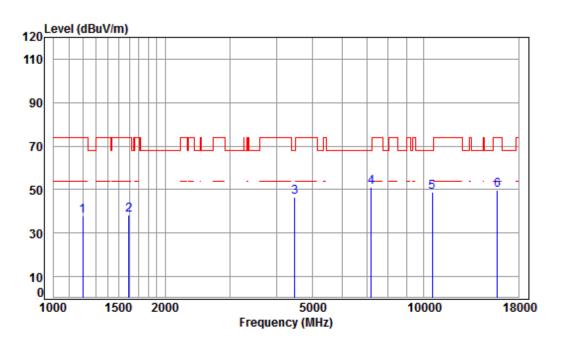


	Condition: 3m HORIZONTAL Job No : 2939RG Mode : 5240 TX RSE : Ant 2 5G WIFI 11N CH48													
		Cable		Preamp	Read		Limit	0ver						
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark					
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB						
1	1148.823	4,21	24.22	41.14	49 85	37 14	74.00	-36 86	neak					
2	1533.841		25.96			36.99	74.00							
3	4218.186	7.24	33.60	42.37	48.32		74.00		•					
4 pp	7200.309	10.08	36.42	40.72	44.97	50.75	68.20	-17.45	peak					
5	10480.000	11.28	37.12	37.53	37.99	48.86	68.20	-19.34	peak					
6	15720.000	14.57	41.31	39.17	32.29	49.00	74.00	-25.00	peak					



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Test mode: 802.11n(HT20) Frequency(MHz):	5260	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

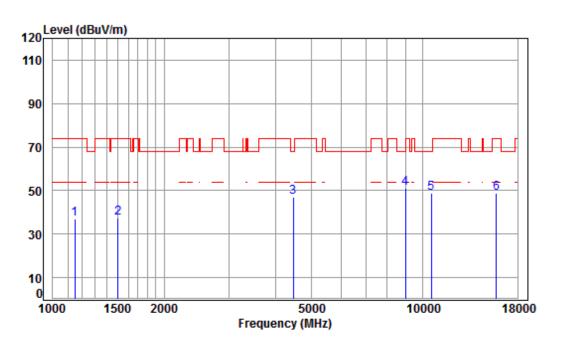
: 5260 TX RSE : Ant 2 5G WIFI 11N CH52

		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	
4	4400 700			44 40	50.07	77 70	74.00	26.24	
1	1199.726	4.42	24.48	41.18	50.07	37.79	74.00	-36.21	реак
2	1597.181	5.35	26.24	41.47	48.40	38.52	74.00	-35.48	peak
3	4482.150	7.54	33.60	42.41	47.87	46.60	68.20	-21.60	peak
4	pp 7200.309	10.08	36.42	40.72	45.10	50.88	68.20	-17.32	peak
5	10520.000	11.30	37.12	37.56	38.11	48.97	68.20	-19.23	peak
6	15780.000	14.66	41.29	39.22	32.84	49.57	74.00	-24.43	peak



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Test mode: 802.11n(HT20) Frequency(MHz):	5260	Peak	Horizontal
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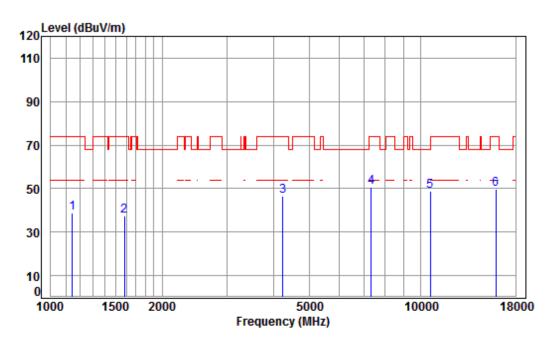


Job N	Condition: 3m HORIZONTAL Job No : 2939RG Mode : 5260 TX RSE : Ant 2 5G WIFI 11N CH52													
		Cable		Preamp	Read		Limit	0ver						
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark					
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB						
1	1148.823	4.21	24.22	41.14	49.49	36.78	74.00	-37.22	peak					
2	1503.119	5.48	25.81	41.41	47.37	37.25	74.00	-36.75	peak					
3	4469.214	7.53	33.60	42.41	48.24	46.96	68.20	-21.24	peak					
4 pp	8969.161	10.39	36.56	38.66	43.03	51.32	68.20	-16.88	peak					
5	10520.000	11.30	37.12	37.56	37.77	48.63	68.20	-19.57	peak					
6	15780.000	14.66	41.29	39.22	32.05	48.78	74.00	-25.22	peak					



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Test mode: 802.11n(HT20) Frequency(MHz):	5300	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode :

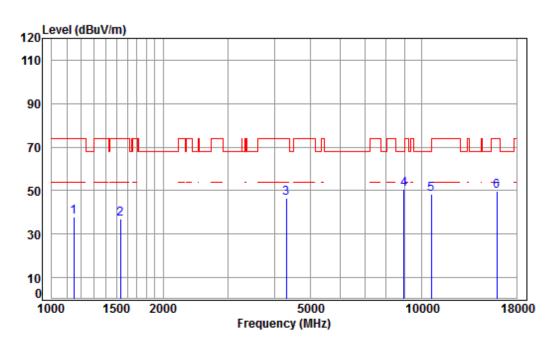
: 5300 TX RSE : Ant 2 5G WIFI 11N CH60

		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	1145.507	4.20	24.20	41.14	51.57	38.83	74.00	-35.17	peak
2	1583.392	5.37	26.18	41.46	47.42	37.51	74.00	-36.49	peak
3	4230.396	7.26	33.60	42.37	48.09	46.58	74.00	-27.42	peak
4	7326.267	10.04	36.37	40.63	44.68	50.46	74.00	-23.54	peak
5	pp10600.000	11.36	37.22	37.62	37.88	48.84	68.20	-19.36	peak
6	15900.000	14.84	41.24	39.33	32.98	49.73	74.00	-24.27	peak



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Test mode:802.11n(HT20)Frequency(MHz):5300	Peak	Horizontal
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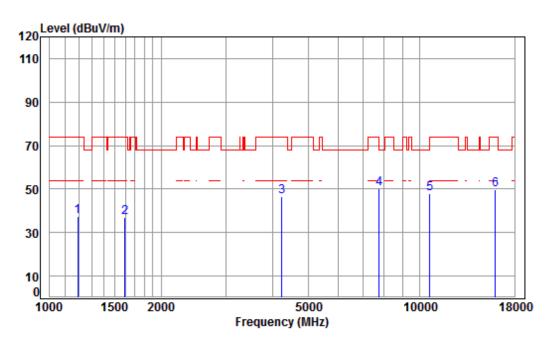


Job No	Condition: 3m HORIZONTAL Job No : 2939RG												
Mode	Mode : 5300 TX RSE												
	: Ant 2 5G WIFI 11N CH60												
		Cable	Ant	Preamp	Read		Limit	0ver					
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark				
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB					
1	1148.823	4.21	24.22	41.14	50.59	37.88	74.00	-36.12	peak				
2	1533.841	5.44	25.96	41.43	46.87	36.84	74.00	-37.16	peak				
3	4304.400	7.34	33.60	42.38	47.81	46.37	74.00	-27.63	peak				
4 pp	8943.274	10.39	36.53	38.70	42.44	50.66	68.20	-17.54	peak				
5	10600.000	11.36	37.22	37.62	37.22	48.18	68.20	-20.02	peak				
6	15900.000	14.84	41.24	39.33	32.81	49.56	74.00	-24.44	peak				



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Test mode:802.11n(HT20)Frequency(MHz):5320PeakVertical
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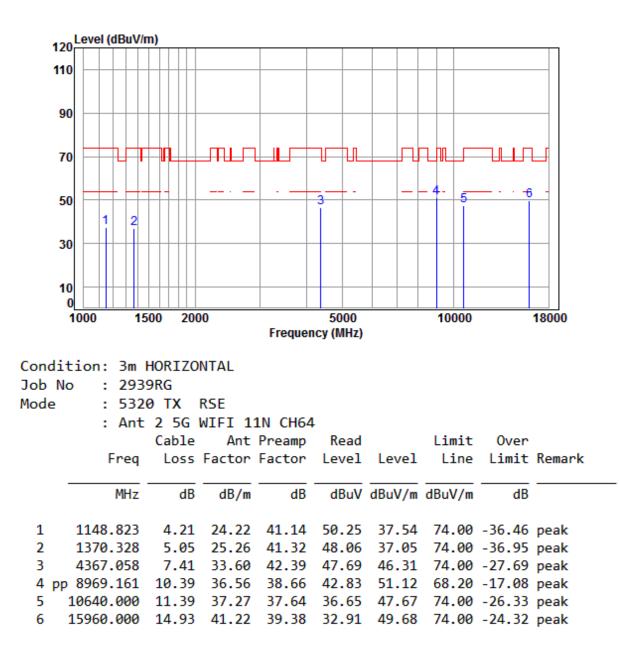


Condi Job N Mode	: 5320	ƏRG Ə TX	RSE	1N CH64					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1192.811	4.39	24.44	41.18	49.95	37.60	74.00	-36.40	peak
2	1597.181	5.35	26.24	41.47	46.75	36.87	74.00	-37.13	peak
3	4230.396	7.26	33.60	42.37	47.83	46.32	74.00	-27.68	peak
4 pp	7762.260	9.97	36.46	40.35	44.21	50.29	68.20	-17.91	peak
5	10640.000	11.39	37.27	37.64	36.88	47.90	74.00	-26.10	peak
6	15960.000	14.93	41.22	39.38	33.03	49.80	74.00	-24.20	peak



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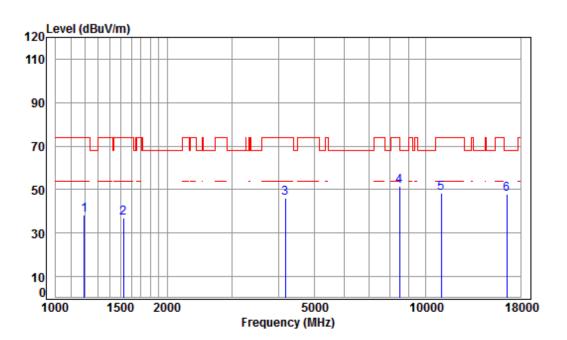
Test mode: 802.11n(HT20) Frequency(MHz):	5320	Peak	Horizontal
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Test mode: 802.11n(HT20) Frequency(MHz):	5500	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

: 2939RG : 5500 TX RSE

: Ant 2 5G WIFI 11N CH100

		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	1196.264	4.40	24.46	41.18	50.77	38.45	74.00	-35.55	peak
2	1525.000	5.45	25.91	41.42	47.23	37.17	74.00	-36.83	peak
3	4169.698	7.18	33.60	42.36	47.80	46.22	74.00	-27.78	peak
4	8489.882	10.26	36.01	39.40	44.87	51.74	74.00	-22.26	peak
5	11000.000	11.63	37.70	37.88	36.93	48.38	74.00	-25.62	peak
6	pp16500.000	14.50	42.70	39.86	30.56	47.90	68.20	-20.30	peak



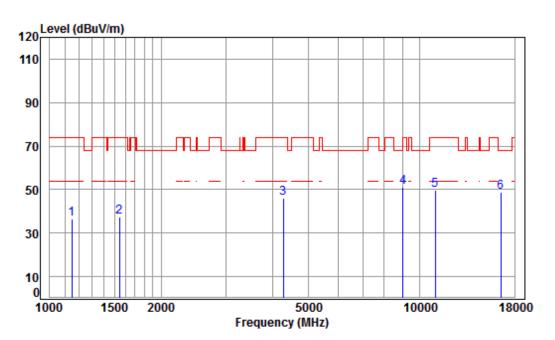
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Test mode: 802.11n(HT20) Frequency(MHz):	5500	Peak	Horizontal
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Job No	tion: 3m H p : 2939 : 5500 : Ant	ƏRG ƏTXI	RSE	1N CH10	0				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1148.823	4.21	24.22	41.14	49.44	36.73	74.00	-37.27	peak
2	1542.733	5.42	26.00	41.43	47.51	37.50	74.00	-36.50	peak
3	4279.589	7.31	33.60	42.38	47.69	46.22	74.00	-27.78	peak

4 pp 8995.123 10.40 36.59 38.62 42.79 51.16 68.20 -17.04 peak

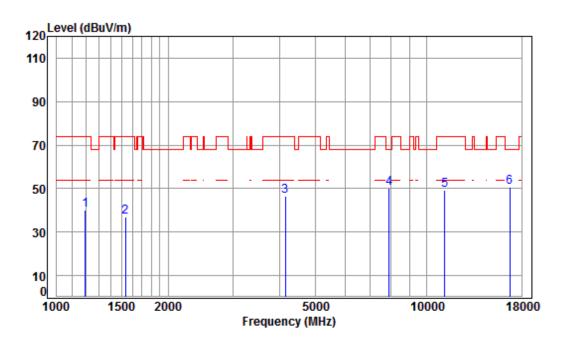
11000.000 11.63 37.70 37.88 38.09 49.54 74.00 -24.46 peak

16500.000 14.50 42.70 39.86 31.30 48.64 68.20 -19.56 peak



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Test mode: 802.11n(HT20) Frequency(MHz):	5580	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

: 2939RG : 5580 TX RSE

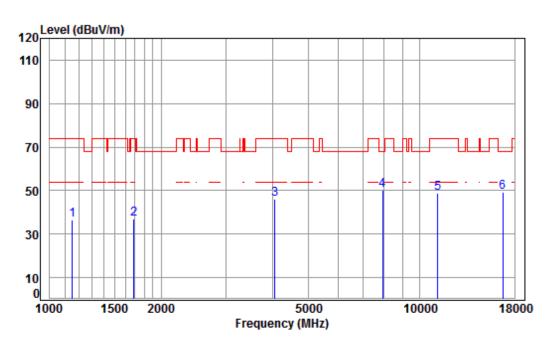
: Ant 2 5G WIFI 11N CH116

		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	1196.264	4.40	24.46	41.18	52.69	40.37	74.00	-33.63	peak
2	1533.841	5.44	25.96	41.43	47.07	37.04	74.00	-36.96	peak
3	4145.664	7.16	33.60	42.35	47.95	46.36	74.00	-27.64	peak
4	7898.049	9.96	36.54	40.26	43.90	50.14	68.20	-18.06	peak
5	11160.000	11.80	37.83	37.98	37.74	49.39	74.00	-24.61	peak
6	pp16740.000	15.57	42.75	40.07	32.19	50.44	68.20	-17.76	peak



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Test mode: 802.11n(HT20) Frequency(MHz):	5580	Peak	Horizontal
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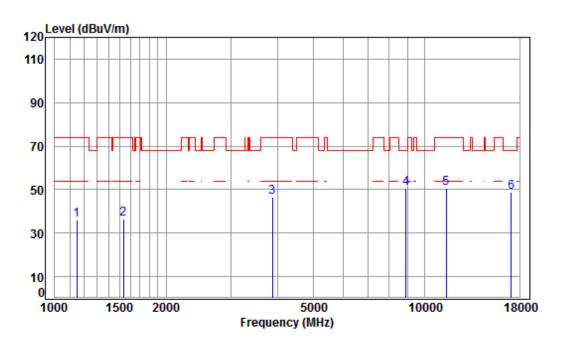
Condition: 3m HORIZONTAL										
Job No	o : 293	9RG								
Mode	: 558	0 ТХ	RSE							
: Ant 2 5G WIFI 11N CH116										
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1152.148	4.22	24.24	41.14	49.22	36.54	74.00	-37.46	peak	
2	1687.347	5.24	26.62	41.52	46.40	36.74	74.00	-37.26	peak	

2	1687.347	5.24	26.62	41.52	46.40	36.74	/4.00 -3/.26 peak
3	4050.904	7.04	33.60	42.34	47.87	46.17	74.00 -27.83 peak
4	pp 7920.911	9.96	36.55	40.25	43.75	50.01	68.20 -18.19 peak
5	11160.000	11.80	37.83	37.98	37.12	48.77	74.00 -25.23 peak
6	16740.000	15.57	42.75	40.07	31.21	49.46	68.20 -18.74 peak



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Test mode: 802.11n(HT20) Frequency(MHz):	5700	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

: 2939RG : 5700 TX RSE

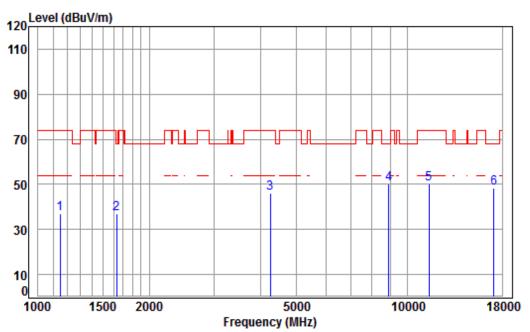
:	Ant	2	5G	WIFI	11N	CH140
		0	1.1.		+ D-	

		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	1148.823	4.21	24.22	41.14	48.88	36.17	74.00	-37.83	peak
2	1533.841	5.44	25.96	41.43	46.61	36.58	74.00	-37.42	peak
3	3879.027	6.86	33.28	42.30	48.70	46.54	74.00	-27.46	peak
4	pp 8891.725	10.37	36.47	38.78	42.61	50.67	68.20	-17.53	peak
5	11400.000	12.04	38.02	38.13	38.60	50.53	74.00	-23.47	peak
6	17100.000	16.49	42.92	40.37	29.71	48.75	68.20	-19.45	peak



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Test mode: 802.11n(HT20) Frequency(MHz):	5700	Peak	Horizontal
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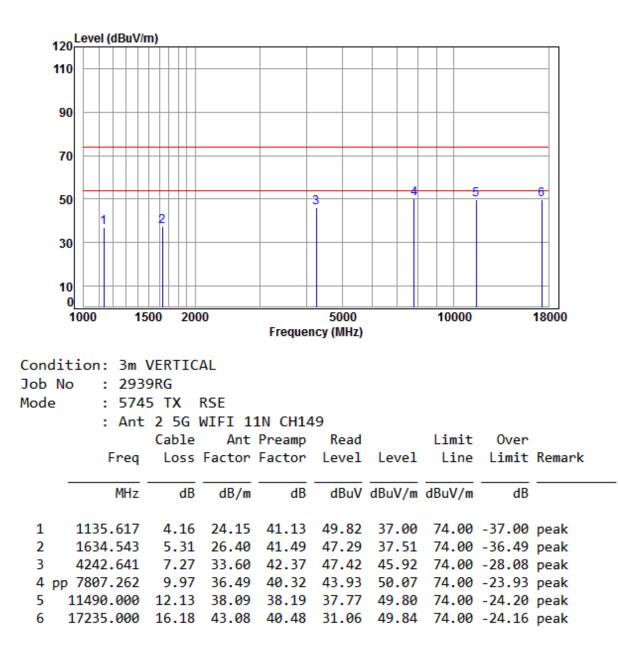


Cond	dition: 3m H	HORIZO	NTAL						
Job	No : 293	9RG							
Mode	: 570	а тх	RSE						
	: Ant	2 5G	WIFI 1	1N CH14	10				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1148.823	4.21	24.22	41.14	49.73	37.02	74.00	-36.98	peak
2	1634.543	5.31	26.40	41.49	46.52	36.74	68.20	-31.46	peak
3	4242.641	7.27	33.60	42.37	47.54	46.04	74.00	-27.96	peak
4	pp 8891.725	10.37	36.47	38.78	41.96	50.02	68.20	-18.18	peak
5	11400.000	12.04	38.02	38.13	38.41	50.34	74.00	-23.66	peak
6	17100.000	16.49	42.92	40.37	29.50	48.54	68.20	-19.66	peak



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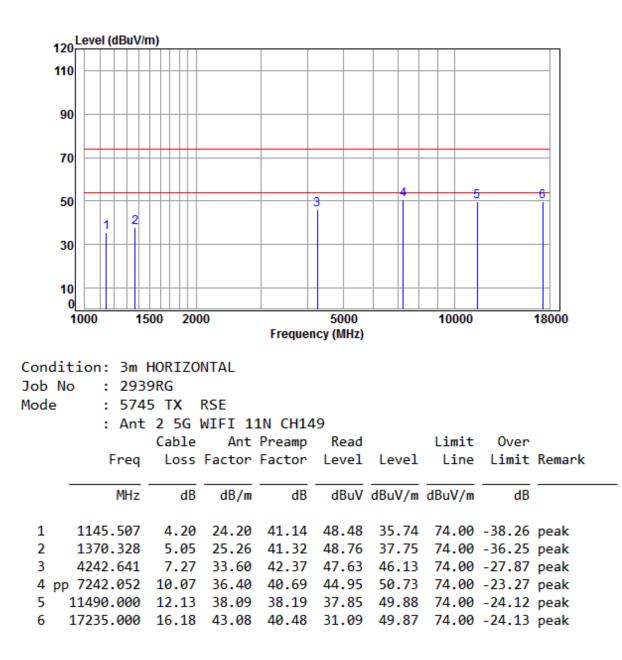
Test mode: 802.11n(HT20) Frequency(MHz):	5745	Peak	Vertical
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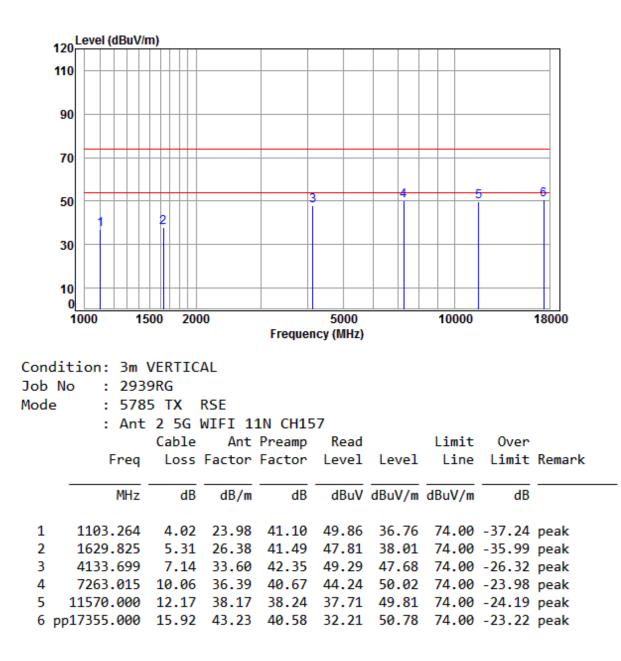
Test mode: 802.11n(HT20) Frequency(MHz):	5745	Peak	Horizontal
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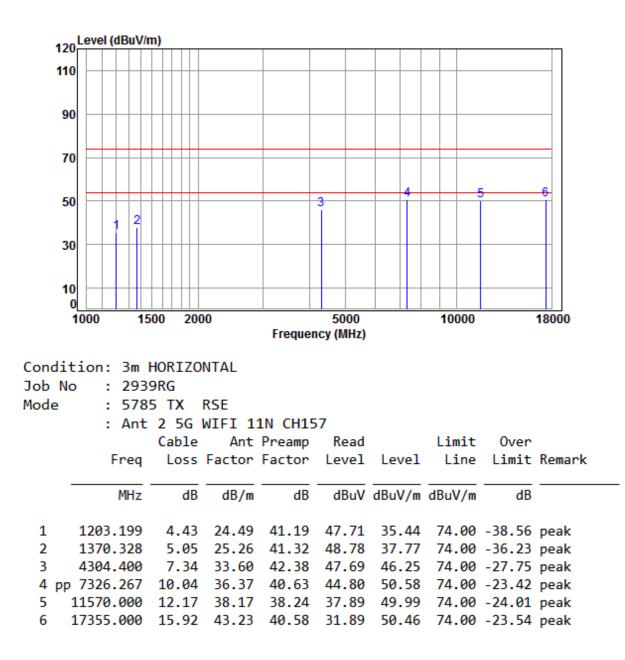
Test mode: 802.11n(HT20) Frequency(MHz):	5785	Peak	Vertical
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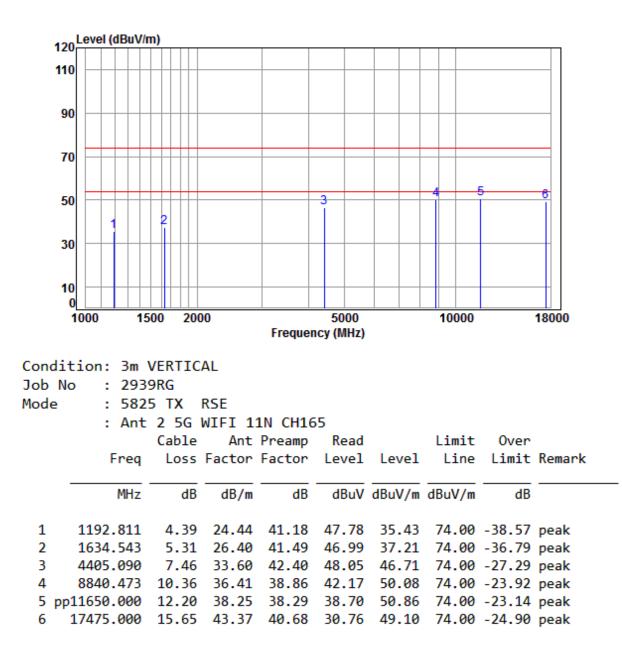
Test mode: 802.11n(HT20) Frequency(MHz):	5785	Peak	Horizontal
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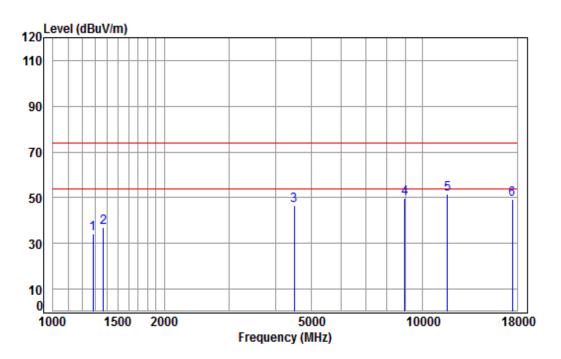
Test mode: 802.11n(HT20) Frequency(MHz):	5825	Peak	Vertical
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Test mode: 802.11n(HT20) Frequency(MHz):	5825	Peak	Horizontal
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Condition:	3m HORIZONTAL
Job No :	2939RG

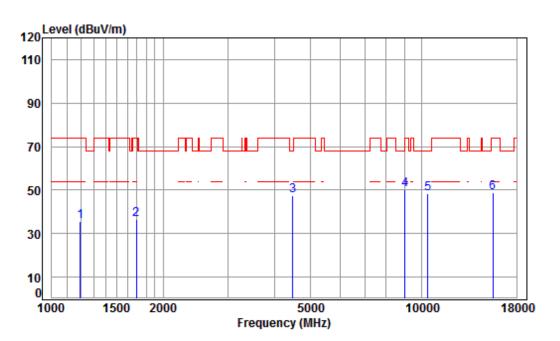
: Ant 2 5G WIFI 11N CH165

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 2 3 4	1370.328 4495.125	5.05 7.55	25.26 33.60	41.32 42.42	47.78 47.68	36.77 46.41	74.00 74.00	-37.23 -27.59	peak peak
5	pp11650.000 17475.000	12.20	38.25	38.29	39.53	51.69	74.00	-22.31	peak



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Test mode:802.11ac(HT20)Frequency(MHz):5180	Peak	Vertical
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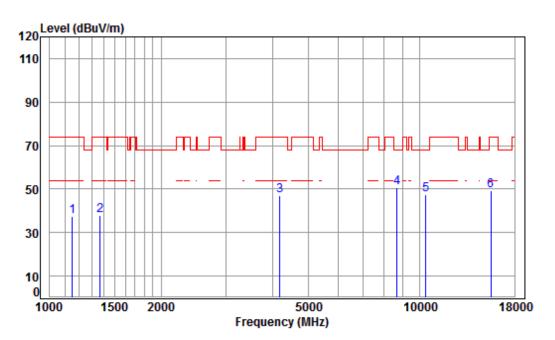


Condit Job No Mode	: 518	ƏRG ƏTX	RSE	LAC CH3	6				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	4.40	24.46	41.18	48.01	35.69	74.00	-38.31	peak
2	1692.231	5.24	26.64	41.53	46.37	36.72	74.00	-37.28	peak
3	4482.150	7.54	33.60	42.41	48.83	47.56	68.20	-20.64	peak
4 pp	8995.123	10.40	36.59	38.62	41.99	50.36	68.20	-17.84	peak
5	10360.000	11.19	37.24	37.45	37.24	48.22	68.20	-19.98	peak
6	15540.000	14.30	41.38	39.00	32.12	48.80	74.00	-25.20	peak



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Test mode:802.11ac(HT20)Frequency(MHz):5180PeakHorizontal

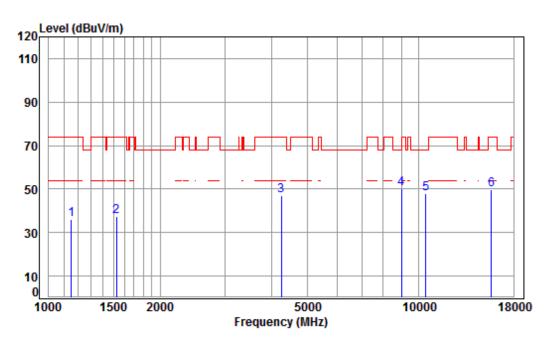


Job No	: 5180	ƏRG Ə TX	RSE	1AC CH3	6				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1152.148	4.22	24.24	41.14	50.09	37.41	74.00	-36.59	peak
2	1370.328	5.05	25.26	41.32	49.05	38.04	74.00	-35.96	peak
3	4181.768	7.20	33.60	42.36	48.55	46.99	74.00	-27.01	peak
4 pp	8663.404	10.31	36.20	39.13	43.35	50.73	68.20	-17.47	peak
5	10360.000	11.19	37.24	37.45	36.69	47.67	68.20	-20.53	peak
6	15540.000	14.30	41.38	39.00	32.60	49.28	74.00	-24.72	peak



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Test mode:802.11ac(HT20)Frequency(MHz):5220PeakVertical	
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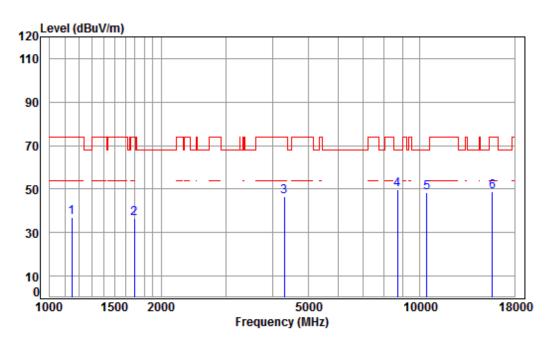


Condi Job N Mode	: 5220	ƏRG ƏTX	RSE	1AC CH4	4				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1152.148	4.22	24.24	41.14	48.83	36.15	74.00	-37.85	peak
2	1525.000	5.45	25.91	41.42	47.25	37.19	74.00	-36.81	peak
3	4242.641	7.27	33.60	42.37	48.32	46.82	74.00	-27.18	peak
4 p	p 8969.161	10.39	36.56	38.66	41.71	50.00	68.20	-18.20	peak
5	10440.000	11.25	37.16	37.51	37.09	47.99	68.20	-20.21	peak
6	15660.000	14.48	41.34	39.11	32.88	49.59	74.00	-24.41	peak



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Test mode:802.11ac(HT20)Frequency(MHz):5220PeakHorizon
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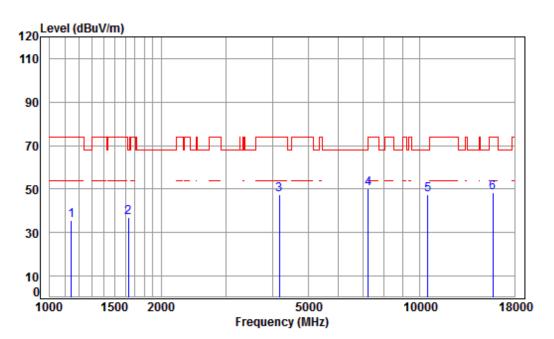


Job No	: 5220	ƏRG Ə TX	RSE	1AC CH4	4				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1148.823	4.21	24.22	41.14	49.48	36.77	74.00	-37.23	peak
2	1692.231	5.24	26.64	41.53	46.22	36.57	74.00	-37.43	peak
3	4304.400	7.34	33.60	42.38	47.98	46.54	74.00	-27.46	peak
4 pp	8688.480	10.32	36.23	39.09	42.36	49.82	68.20	-18.38	peak
5	10440.000	11.25	37.16	37.51	37.29	48.19	68.20	-20.01	peak
6	15660.000	14.48	41.34	39.11	31.98	48.69	74.00	-25.31	peak



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Test mode:802.11ac(HT20)Frequency(MHz):5240Peak	Vertical
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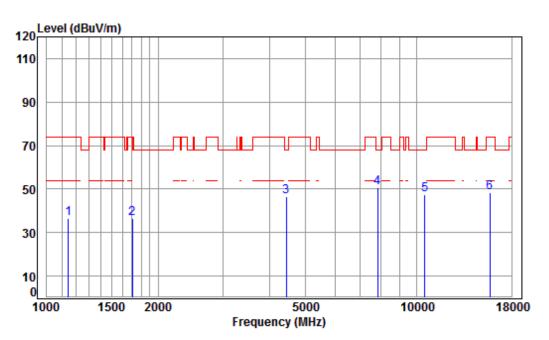


Condi Job N Mode	: 5240	ƏRG ƏTX	RSE	1AC CH4	8				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	4.20	24.20	41.14	48.52	35.78	74.00	-38.22	peak
2	1629.825	5.31	26.38	41.49	46.65	36.85	68.20	-31.35	peak
3	4169.698	7.18	33.60	42.36	49.00	47.42	74.00	-26.58	peak
4 pp	7242.052	10.07	36.40	40.69	44.49	50.27	68.20	-17.93	peak
5	10480.000	11.28	37.12	37.53	36.43	47.30	68.20	-20.90	peak
6	15720.000	14.57	41.31	39.17	31.62	48.33	74.00	-25.67	peak



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Test mode:802.11ac(HT20)Frequency(MHz):5240PeakHorizont	al
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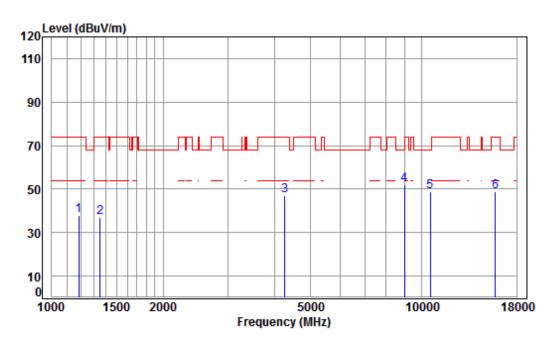


Condi Job No Mode	: 5240	9RG 0 TX	RSE	LAC CH4	8				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	4.20	24.20	41.14	49.05	36.31	74.00	-37.69	peak
2	1702.042	5.23	26.68	41.53	46.15	36.53	74.00	-37.47	peak
3	4443.453	7.50	33.60	42.41	47.89	46.58	68.20	-21.62	peak
4 pp	7829.860	9.97	36.50	40.31	44.33	50.49	68.20	-17.71	peak
5	10480.000	11.28	37.12	37.53	36.62	47.49	68.20	-20.71	peak
6	15720.000	14.57	41.31	39.17	31.46	48.17	74.00	-25.83	peak



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Test mode:802.11ac(HT20)Frequency(MHz):5260PeakVertical

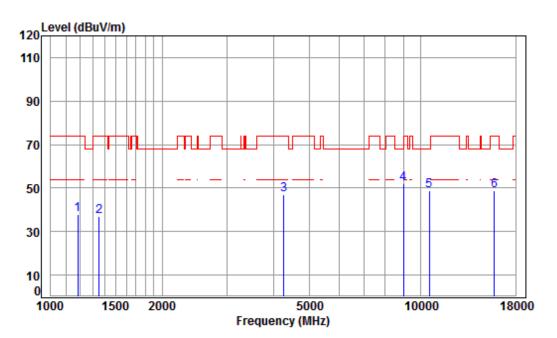


Condition: 3m VERTICAL Job No : 2939RG Mode : 5260 TX RSE : Ant 1 5G WIFI 11AC CH52											
		Cable	Ant	Preamp	Read		Limit	0ver			
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	1185.936	4.36	24.41	41.17	50.18	37.78	74.00	-36.22	peak		
2	1350.667	4.98	25.18	41.30	48.05	36.91	74.00	-37.09	peak		
3	4267.237	7.30	33.60	42.38	48.28	46.80	74.00	-27.20	peak		
4 p	p 8969.161	10.39	36.56	38.66	43.94	52.23	68.20	-15.97	peak		
5	10520.000	11.30	37.12	37.56	37.78	48.64	68.20	-19.56	peak		
6	15780.000	14.66	41.29	39.22	32.25	48.98	74.00	-25.02	peak		



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Test mode:802.11ac(HT20)Frequency(MHz):5260Pea	k Horizontal
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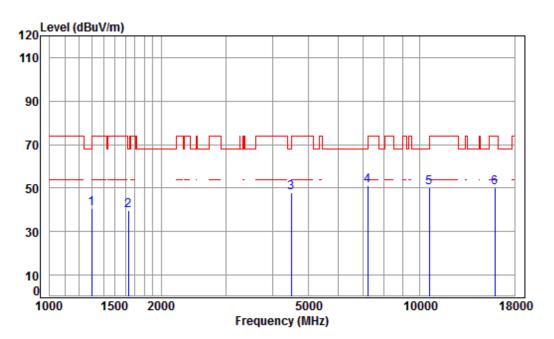


Job N	: 526	9RG 0 TX	RSE	LAC CH5	2				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1185.936	4.36	24.41	41.17	50.18	37.78	74.00	-36.22	peak
2	1350.667	4.98	25.18	41.30	48.05	36.91	74.00	-37.09	peak
3	4267.237	7.30	33.60	42.38	48.28	46.80	74.00	-27.20	peak
4 p	p 8969.161	10.39	36.56	38.66	43.94	52.23	68.20	-15.97	peak
5	10520.000	11.30	37.12	37.56	37.78	48.64	68.20	-19.56	peak
6	15780.000	14.66	41.29	39.22	32.25	48.98	74.00	-25.02	peak



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Test mode:802.11ac(HT20)Frequency(MHz):5300PeakVertical

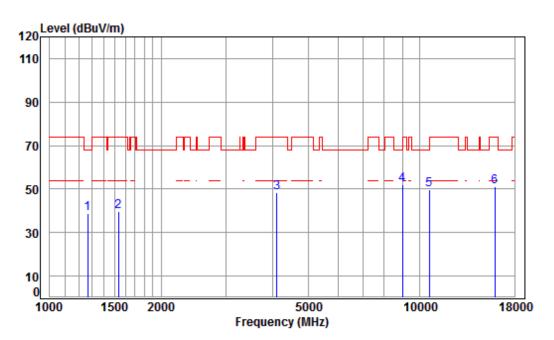


Condi Job N Mode	: 530	9RG 0 TX	RSE	1AC CH6	0				
		Cable		Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
4	4300.050	4 00	24.00	44.00	52.22	40.00	74 00	22.40	
1	1300.858	4.80	24.96	41.26	52.32	40.82	74.00	-33.18	реак
2	1629.825	5.31	26.38	41.49	49.51	39.71	68.20	-28.49	peak
3	4495.125	7.55	33.60	42.42	48.97	47.70	68.20	-20.50	peak
4 pp	7221.150	10.07	36.41	40.70	45.48	51.26	68.20	-16.94	peak
5	10600.000	11.36	37.22	37.62	39.08	50.04	68.20	-18.16	peak
6	15900.000	14.84	41.24	39.33	33.62	50.37	74.00	-23.63	peak



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Test mode:802.11ac(HT20)Frequency(MHz):5300PeakHorizontal

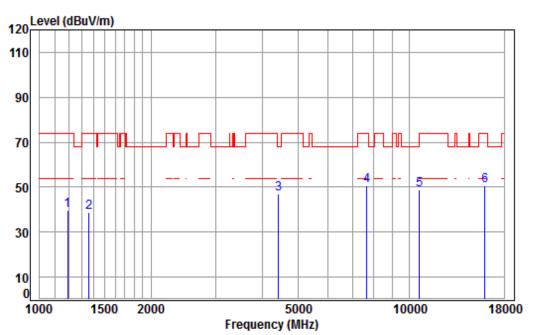


Condi Job No Mode	: 5300	ƏRG ƏTX	RSE	1AC CHE	50				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1267.454	4.68	24.80	41.24	50.51	38.75	68.20	-29.45	peak
2	1533.841	5.44	25.96	41.43	49.59	39.56	74.00	-34.44	peak
3	4109.872	7.11	33.60	42.35	50.03	48.39	74.00	-25.61	peak
4 pp	8969.161	10.39	36.56	38.66	43.69	51.98	68.20	-16.22	peak
5	10600.000	11.36	37.22	37.62	38.87	49.83	68.20	-18.37	peak
6	15900.000			39.33					•



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Test mode:802.11ac(HT20)Frequency(MHz):5320	Peak	Vertical
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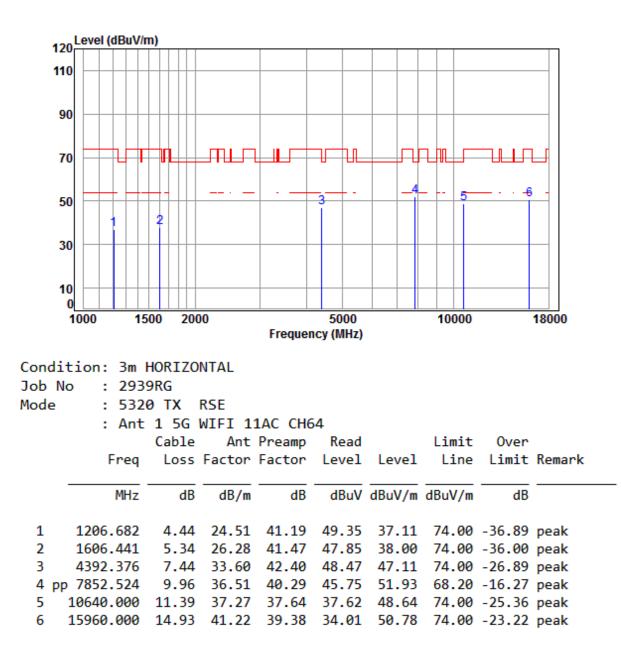


Condi Job N Mode	: 5320	ƏRG Ə TX	RSE	1AC CH6	54				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1192.811	4.39	24.44	41.18	52.20	39.85	74.00	-34.15	peak
2	1362.430	5.02	25.23	41.31	49.76	38.70	74.00	-35.30	peak
3 pj	p 4417.841	7.47	33.60	42.40	48.34	47.01	68.20	-21.19	peak
4	7650.888	9.98	36.39	40.42	44.70	50.65	74.00	-23.35	peak
5	10640.000	11.39	37.27	37.64	37.68	48.70	74.00	-25.30	peak
6	15960.000	14.93	41.22	39.38	33.84	50.61	74.00	-23.39	peak



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Test mode: 802.11ac(HT20) Frequency(MHz): 5320 Peak Ho	orizontal
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6

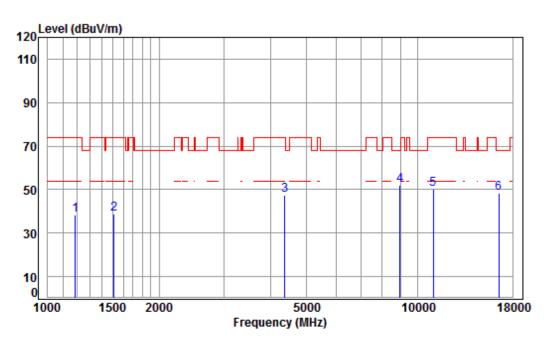
11000.000

16500.000

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Test mode:802.11ac(HT20)Frequency(MHz):5500PeakVertical	
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Condit Job No Mode	: 550	9RG 0 T X	RSE	1AC CH1	.00				
		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	1189.368	4.38	24.43	41.17	50.63	38.27	74.00	-35.73	peak
2	1511.833	5.46	25.85	41.41	48.74	38.64	74.00	-35.36	peak
3	4367.058	7.41	33.60	42.39	48.63	47.25	74.00	-26.75	peak
4 pp	8943.274	10.39	36.53	38.70	43.64	51.86	68.20	-16.34	peak

37.88

37.70

14.50 42.70 39.86

11.63

49.98

31.02 48.36 68.20 -19.84 peak

74.00 -24.02 peak

38.53



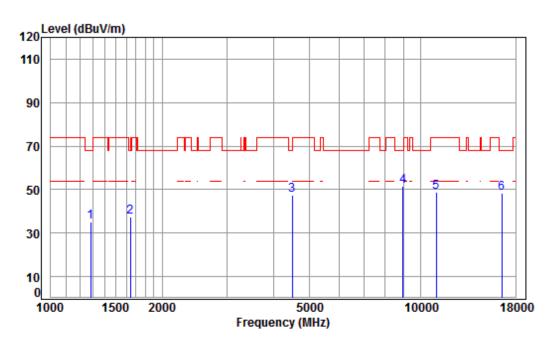
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Test mode: 802.11ac(HT20) Frequency(MHz): 5500 Peak Hori	zontal
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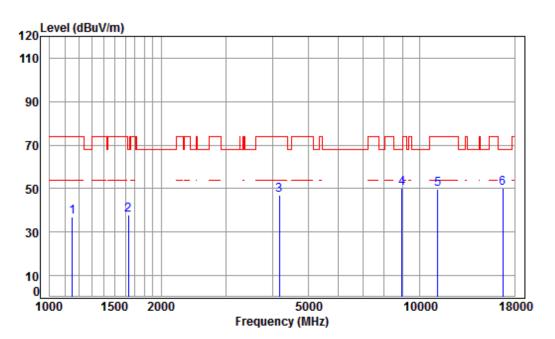
Job No	tion: 3m 5 : 2939 : 5500 : Ant	9RG 0 T X	RSE	1AC CH1	.00				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	4.73	24.87	41.25	46.88	35.23	68.20	-32.97	peak
2	1644.019	5.30	26.44	41.50	47.32	37.56	68.20	-30.64	peak
3	4495.125	7.55	33.60	42.42	48.51	47.24	68.20	-20.96	peak
4 pp	8943.274	10.39	36.53	38.70	43.29	51.51	68.20	-16.69	peak

11000.000 11.63 37.70 37.88 37.41 48.86 74.00 -25.14 peak 16500.000 14.50 42.70 39.86 31.12 48.46 68.20 -19.74 peak



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Test mode:802.11ac(HT20)Frequency(MHz):5580	580 Peak Vertical
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Job No : 2939RG	Condition:	3m VERTICAL
	Job No :	2939RG

Mode

: 5580 TX RSE : Ant 1 5G WIFI 11AC CH116

				Preamp					
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1152.148	4.22	24.24	41.14	49.67	36.99	74.00	-37.01	peak
2	1629.825	5.31	26.38	41.49	47.88	38.08	68.20	-30.12	peak
3	4169.698	7.18	33.60	42.36	48.61	47.03	74.00	-26.97	peak
4	pp 8943.274	10.39	36.53	38.70	41.92	50.14	68.20	-18.06	peak
5	11160.000	11.80	37.83	37.98	38.29	49.94	74.00	-24.06	peak
6	16740.000	15.57	42.75	40.07	31.86	50.11	68.20	-18.09	peak



4

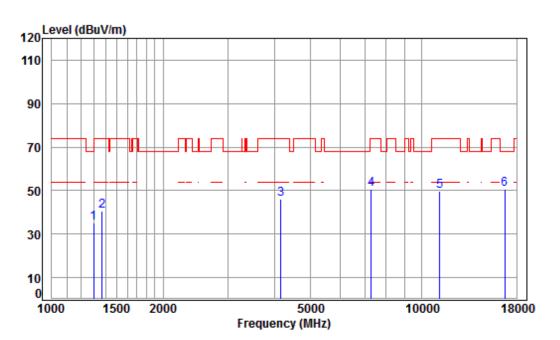
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50.64 74.00 -23.36 peak

Test mode: 802.11ac(HT20) Frequency(MHz): 5580 Peak Horizonta



Job No		9RG							
Mode	: 5586	9 TX I	RSE						
	: Ant	1 5G I	WIFI 1	1AC CH1	16				
		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	1300.858	4.80	24.96	41.26	46.74	35.24	74.00	-38.76	peak
2	1370.328	5.05	25.26	41.32	51.51	40.50	74.00	-33.50	peak
3	4157.664	7.17	33.60	42.36	47.83	46.24	74.00	-27.76	peak

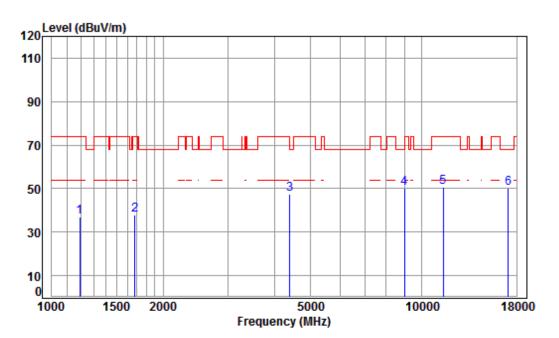
11160.000 11.80 37.83 37.98 38.11 49.76 74.00 -24.24 peak 6 pp16740.000 15.57 42.75 40.07 32.42 50.67 68.20 -17.53 peak

7284.038 10.06 36.38 40.66 44.86



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Test mode: 802.11ac(HT20) Frequency(MHz):	5700	Peak	Vertical
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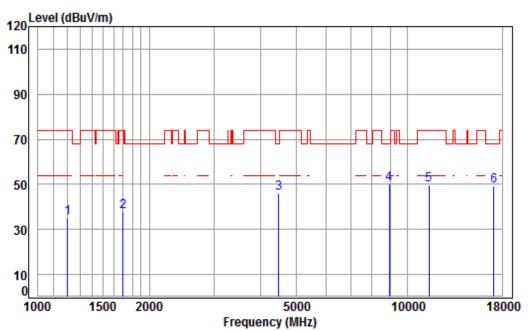


Condi Job N Mode	: 570	9RG 0 TX I	RSE	1AC CH1	40				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1192.811	4.39	24.44	41.18	49.40	37.05	74.00	-36.95	peak
2	1677.621	5.25	26.58	41.52	47.67	37.98	74.00	-36.02	peak
3	4392.376	7.44	33.60	42.40	49.03	47.67	74.00	-26.33	peak
4 pp	8969.161	10.39	36.56	38.66	41.92	50.21	68.20	-17.99	peak
5	11400.000	12.04	38.02	38.13	38.54	50.47	74.00	-23.53	peak
6	17100.000	16.49	42.92	40.37	31.12	50.16	68.20	-18.04	peak



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Test mode: 802.11ac(HT20) Frequency(MHz):	5700	Peak	Horizontal
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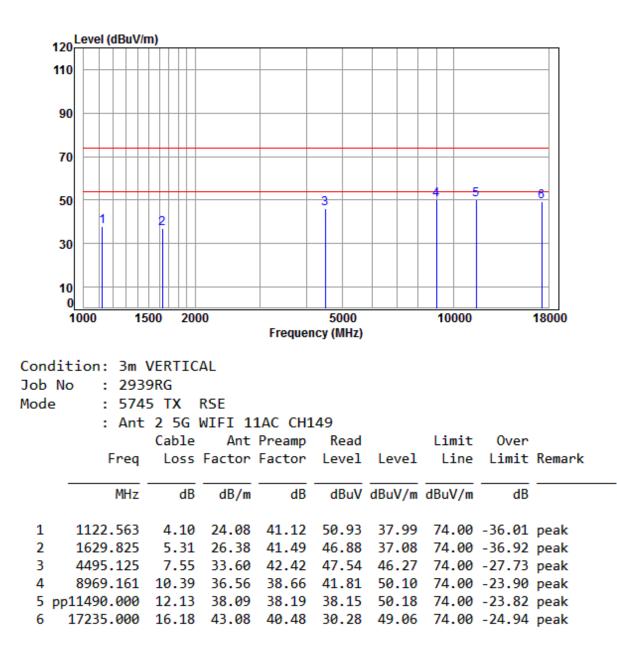


Cond	dition: 3m H	HORIZO	NTAL						
Job	No : 293	9RG							
Mode	e : 570	0 TX	RSE						
	: Ant	1 5G	WIFI 1	1AC CH1	.40				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	4.43	24.49	41.19	47.54	35.27	74.00	-38.73	peak
2	1697.129	5.23	26.66	41.53	47.41	37.77	74.00	-36.23	peak
3	4482.150	7.54	33.60	42.41	47.51	46.24	68.20	-21.96	peak
4	pp 8917.462	10.38	36.50	38.74	42.07	50.21	68.20	-17.99	peak
5	11400.000	12.04	38.02	38.13	37.78	49.71	74.00	-24.29	peak
6	17100.000	16.49	42.92	40.37	30.11	49.15	68.20	-19.05	peak



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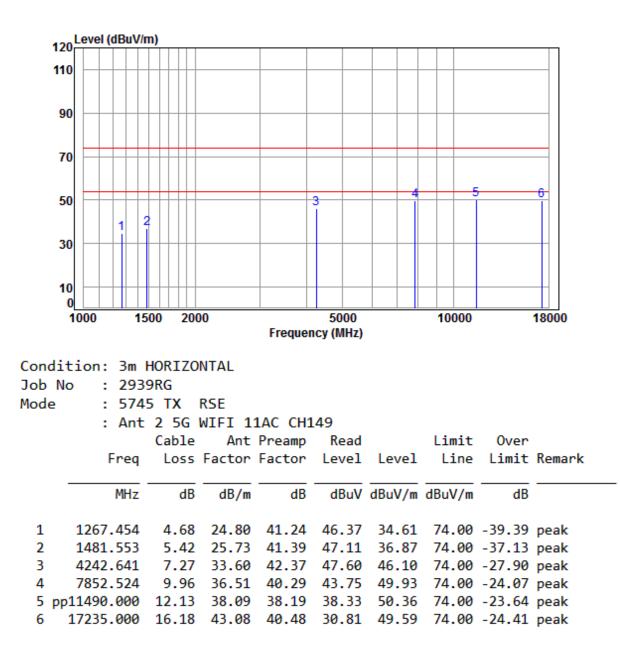
Test mode: 802.11ac(HT20) Frequency(MHz):	5745	Peak	Vertical
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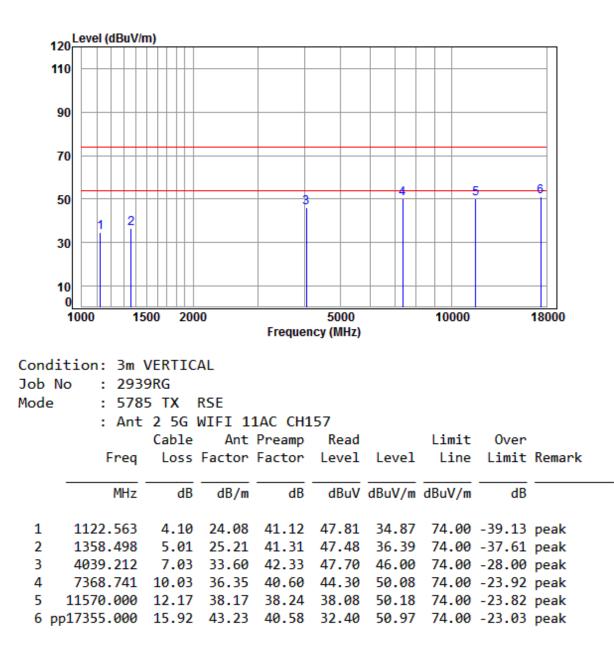
Test mode: 802.11ac(HT20) Frequency(MHz):	5745	Peak	Horizontal
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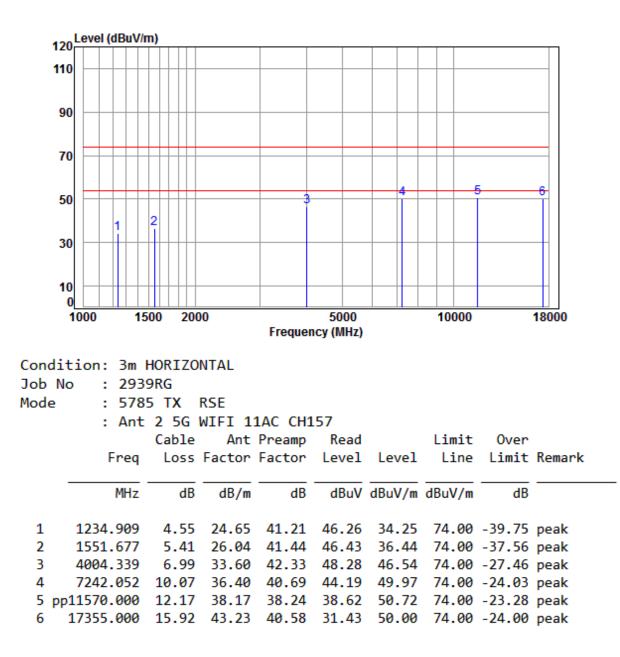
Test mode:802.11ac(HT20)Frequency(MHz):5785PeakVertical





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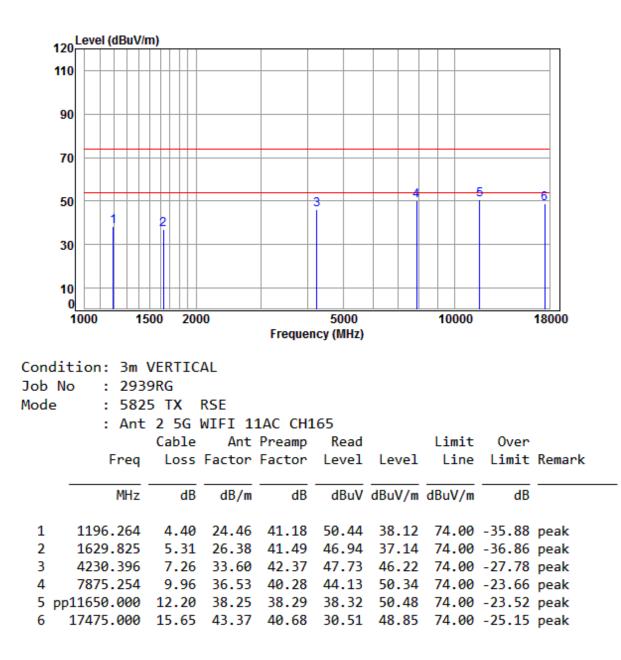
Test mode: 802.11ac(HT20) Frequency(MHz):	5785	Peak	Horizontal
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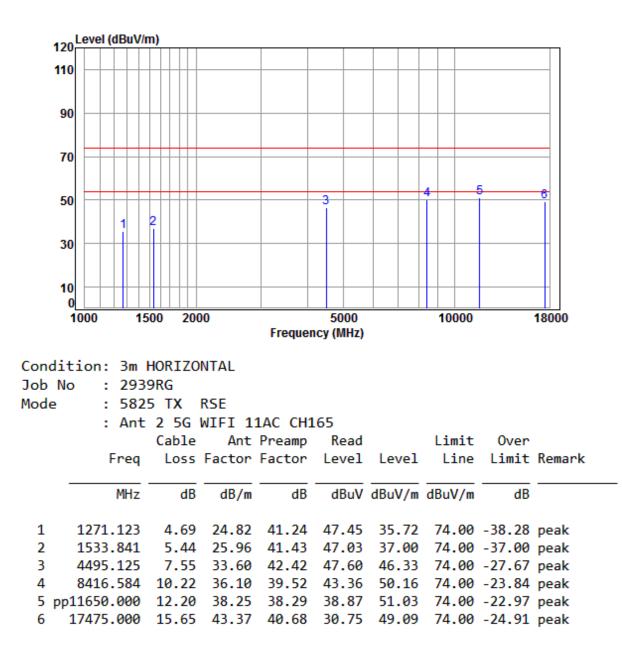
Test mode: 802.11ac(HT20) Frequency(MHz):	5825	Peak	Vertical
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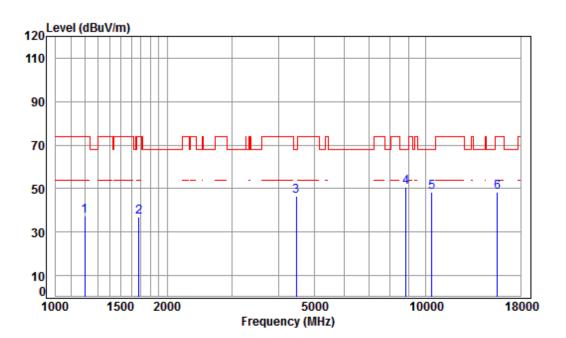
Test mode: 802.11ac(HT20) Frequency(MHz): 5825 Peak Horizontal	al
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Test mode: 802.11n(HT40) Frequency(MHz):	5190	Peak	Vertical
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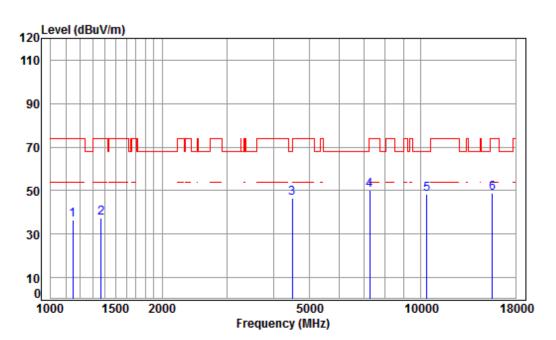


Condition: 3m VERTICAL											
Job N	Job No : 2939RG										
Mode : 5190 TX RSE											
	: Ant	2 5G	WIFI 1	1N(40)	CH38						
		Cable	Ant	Preamp	Read		Limit	0ver			
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	1199.726	4.42	24.48	41.18	49.49	37.21	74.00	-36.79	peak		
2	1677.621	5.25	26.58	41.52	46.43	36.74	74.00	-37.26	peak		
3	4469.214	7.53	33.60	42.41	47.73	46.45	68.20	-21.75	peak		
4 p	p 8840.473	10.36	36.41	38.86	42.72	50.63	68.20	-17.57	peak		
5	10380.000	11.21	37.22	37.47	37.37	48.33	68.20	-19.87	peak		
6	15570.000	14.35	41.37	39.03	31.73	48.42	74.00	-25.58	peak		



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Test mode: 802.11n(HT40) Frequency(MHz):	5190	Peak	Horizontal
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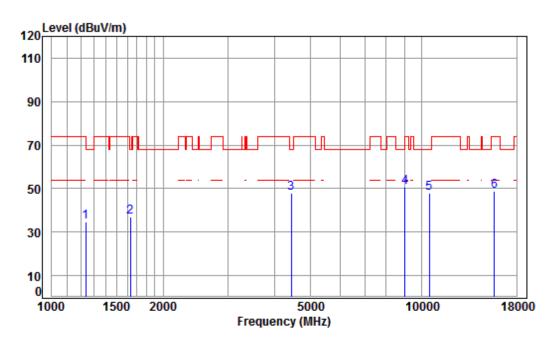


Job I	Condition: 3m HORIZONTAL Job No : 2939RG Mode : 5190 TX RSE										
	: Ant	2 5G	WIFI 1:	1N(40)	CH38						
		Cable	Ant	Preamp	Read		Limit	0ver			
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	1148.823	4.21	24.22	41.14	49.00	36.29	74.00	-37.71	peak		
2	1370.328	5.05	25.26	41.32	48.61	37.60	74.00	-36.40	peak		
3	4495.125	7.55	33.60	42.42	47.99	46.72	68.20	-21.48	peak		
4	7263.015	10.06	36.39	40.67	44.26	50.04	74.00	-23.96	peak		
5 p	p10380.000	11.21	37.22	37.47	37.61	48.57	68.20	-19.63	peak		
6	15570.000	14.35	41.37	39.03	32.05	48.74	74.00	-25.26	peak		



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Test mode: 802.11n(HT40) Frequency(MHz):	5230	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

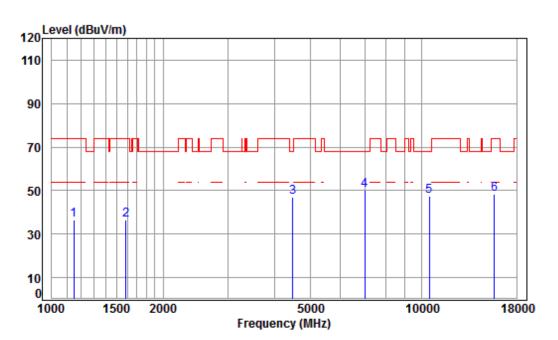
: 5230 TX RSE : Ant 2 5G WIFI 11N(40) CH46

		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	1234.909	4.55	24.65	41.21	46.64	34.63	74.00	-39.37	peak
2	1634.543	5.31	26.40	41.49	46.81	37.03	68.20	-31.17	peak
3	4430.628	7.48	33.60	42.41	49.25	47.92	68.20	-20.28	peak
4	pp 8995.123	10.40	36.59	38.62	42.22	50.59	68.20	-17.61	peak
5	10460.000	11.26	37.14	37.52	37.24	48.12	68.20	-20.08	peak
6	15690.000	14.53	41.32	39.14	32.08	48.79	74.00	-25.21	peak



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Test mode: 802.11n(HT40) Frequency(MHz):	5230	Peak	Horizontal
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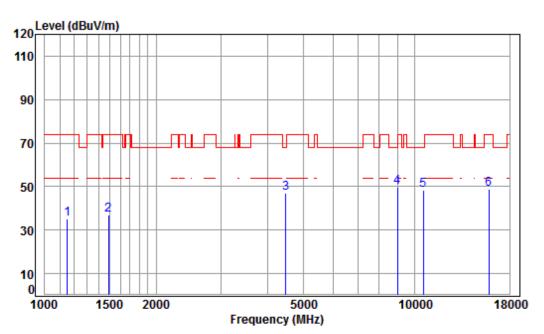


Condition: 3m HORIZONTAL Job No : 2939RG Mode : 5230 TX RSE									
	: Ant	2 5G	WIFI 1	1N(40)	CH46				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1148.823	4.21	24.22	41.14	49.09	36.38	74.00	-37.62	peak
2	1587.975	5.37	26.20	41.46	46.39	36.50	74.00	-37.50	peak
3	4482.150	7.54	33.60	42.41	48.27	47.00	68.20	-21.20	peak
4 p	p 7015.420	10.13	36.49	40.84	44.52	50.30	68.20	-17.90	peak
5	10460.000	11.26	37.14	37.52	36.78	47.66	68.20	-20.54	peak
6	15690.000	14.53	41.32	39.14	31.50	48.21	74.00	-25.79	peak



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Test mode: 802.11n(HT40) Frequency(MHz):	5270	Peak	Vertical
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Condition: 3m VERTICAL Job No : 2939RG									
Mode : 5270 TX RSE									
	: Ant	2 5G	WIFI 1	1N(40)	CH54				
		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	1152.148	4.22	24.24	41.14	48.01	35.33	74.00	-38.67	peak
2	1485.841	5.43	25.74	41.40	47.19	36.96	74.00	-37.04	peak
3	4482.150	7.54	33.60	42.41	48.06	46.79	68.20	-21.41	peak
4 pp	8969.161	10.39	36.56	38.66	41.52	49.81	68.20	-18.39	peak
5	10540.000	11.32	37.15	37.57	37.52	48.42	68.20	-19.78	peak
6	15810.000	14.71	41.28	39.25	32.09	48.83	74.00	-25.17	peak

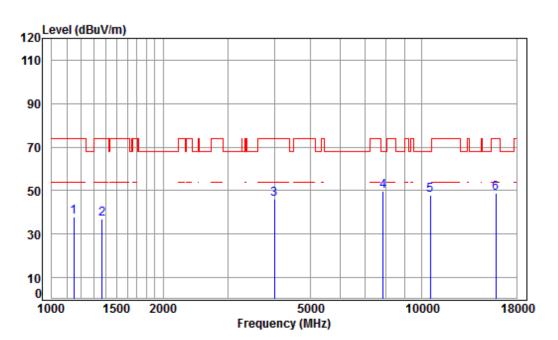


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Test mode: 802.11n(HT40) Frequency(MHz):	5270	Peak	Horizontal
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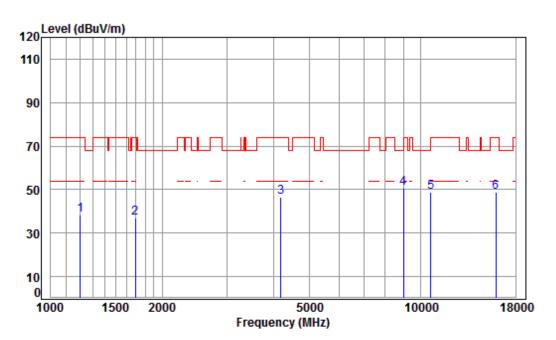
Condi Job N	tion: 3m o : 293		NTAL						
Mode	: 527	9 TX	RSE						
	: Ant	2 5G	WIFI 1	1N(40)	CH54				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1148.823	4.21	24.22	41.14	50.38	37.67	74.00	-36.33	peak
2	1370.328	5.05	25.26	41.32	48.12	37.11	74.00	-36.89	peak
3	3992.781	6.97	33.58	42.32	47.97	46.20	74.00	-27.80	peak
4 pp	7852.524	9.96	36.51	40.29	43.67	49.85	68.20	-18.35	peak
5	10540.000	11.32	37.15	37.57	36.86	47.76	68.20	-20.44	peak

15810.000 14.71 41.28 39.25 32.02 48.76 74.00 -25.24 peak



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Test mode: 802.11n(HT40) Frequency(MHz):	5310	Peak	Vertical
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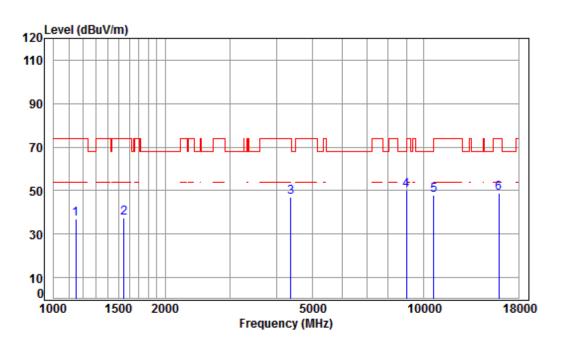


Condi Job No Mode									
	: Ant	2 5G	WIFI 1:	1N(40)	CH62				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	4.43	24.49	41.19	50.50	38.23	74.00	-35.77	peak
2	1692.231	5.24	26.64	41.53	46.48	36.83	74.00	-37.17	peak
3	4181.768	7.20	33.60	42.36	48.21	46.65	74.00	-27.35	peak
4 pp	8969.161	10.39	36.56	38.66	42.38	50.67	68.20	-17.53	peak
5	10620.000	11.37	37.25	37.63	37.72	48.71	74.00	-25.29	peak
6	15930.000	14.89	41.23	39.36	32.24	49.00	74.00	-25.00	peak



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Test mode: 802.11n(HT40) Frequen	cy(MHz): 5310	Peak	Horizontal
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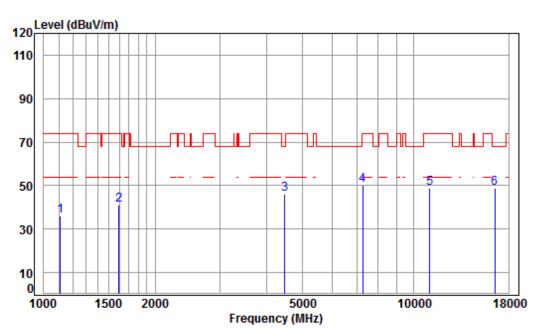


Cond: Job I Mode		9RG							
	: Ant	2 5G	WIFI 1:	1N(40)	CH62				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1148.823	4.21	24.22	41.14	49.46	36.75	74.00	-37.25	peak
2	1547.199						74.00		•
3	4367.058	7.41	33.60	42.39	48.27	46.89	74.00	-27.11	peak
4 p	p 8969.161	10.39	36.56	38.66	41.75	50.04	68.20	-18.16	peak
5	10620.000	11.37	37.25	37.63	37.12	48.11	74.00	-25.89	peak
6	15930.000	14.89	41.23	39.36	32.04	48.80	74.00	-25.20	peak



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Test mode: 802.11n(HT40) Frequency(MHz):	5510	Peak	Vertical
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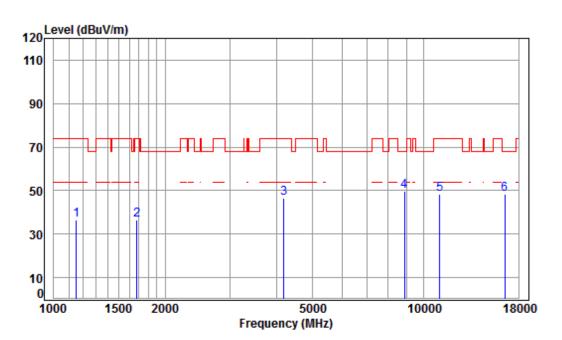


Con Job Mode		9RG							
	: Ant	2 5G	WIFI 1	1N(40)	CH102				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1109.660	4.05	24.02	41.10	49.22	36.19	74.00	-37.81	peak
2	1597.181	5.35	26.24	41.47	51.11	41.23	74.00	-32.77	peak
3	4482.150	7.54	33.60	42.41	47.40	46.13	68.20	-22.07	peak
4	7263.015	10.06	36.39	40.67	44.54	50.32	74.00	-23.68	peak
5	11020.000	11.65	37.72	37.89	37.32	48.80	74.00	-25.20	peak
6	pp16530.000	14.63	42.71	39.89	31.19	48.64	68.20	-19.56	peak



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Test mode: 802.11n(HT40) Frequency(MHz):	5510	Peak	Horizontal
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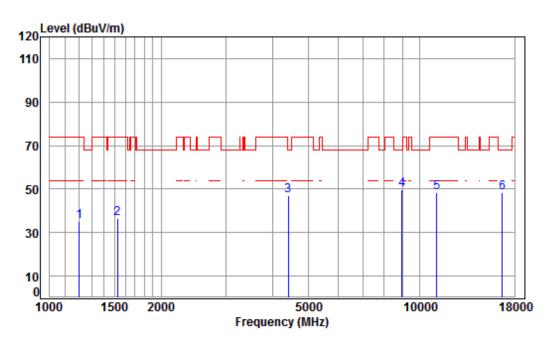


Job N	tion: 3m H lo : 2939 : 5510	9RG							
	: Ant	2 5G	WIFI 11	1N(40)	CH102				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1152.148	4.22	24.24	41.14	49.24	36.56	74.00	-37.44	peak
2	1677.621	5.25	26.58	41.52	46.32	36.63	74.00	-37.37	peak
3	4181.768	7.20	33.60	42.36	48.19	46.63	74.00	-27.37	peak
4 p	p 8866.062	10.37	36.44	38.82	41.69	49.68	68.20	-18.52	peak
5	11020.000	11.65	37.72	37.89	36.72	48.20	74.00	-25.80	peak
6	16530.000	14.63	42.71	39.89	31.11	48.56	68.20	-19.64	peak



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Test mode:802.11n(HT40)Frequency(MHz):5550PeakVertical
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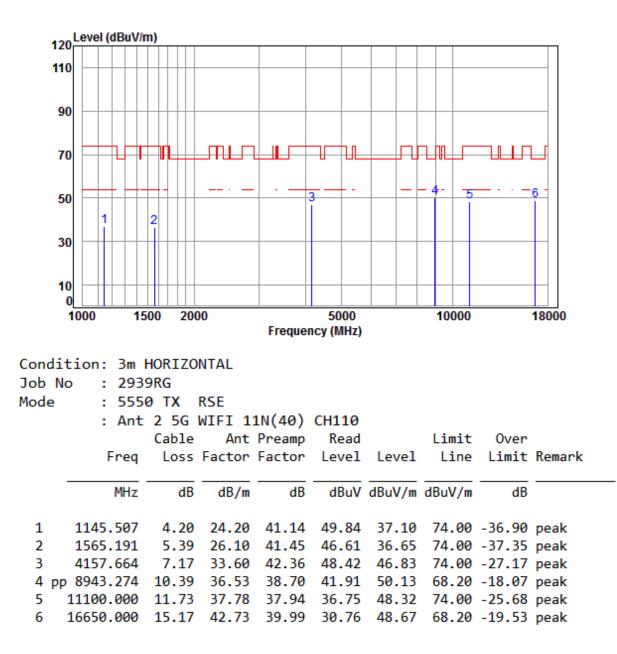


Cond Job Mode									
	: Ant	2 5G	WIFI 1	1N(40)	CH110				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	4 43	2/ /9	11 10	47 67	25.26	74.00	20.64	
	1535 000						74.00		•
2	1525.000 4405.090	5.45	25.91	41.42	46.72	36.66	74.00 74.00 68.20	-37.34	peak



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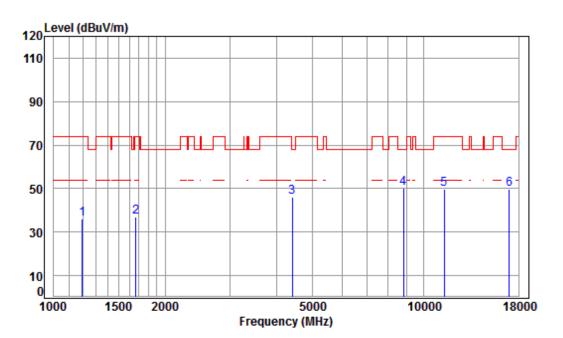
Test mode:802.11n(HT40)Frequency(MHz):5	5550	Peak	Horizontal
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Test mode: 802.11n(HT40) Frequency(MHz):	5670	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

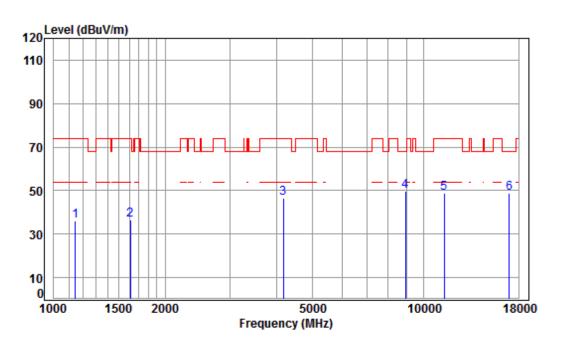
: 5670 TX RSE : Ant 2 5G WIFI 11N(40) CH134

	. And 2 30 WILL IIN(40)			01104					
		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	1196.264	4.40	24.46	41.18	48.16	35.84	74.00	-38.16	peak
2	1667.951	5.27	26.54	41.51	46.87	37.17	74.00	-36.83	peak
3	4405.090	7.46	33.60	42.40	47.64	46.30	68.20	-21.90	peak
4	pp 8814.957	10.35	36.38	38.90	42.19	50.02	68.20	-18.18	peak
5	11340.000	11.98	37.97	38.10	38.06	49.91	74.00	-24.09	peak
6	17010.000	16.69	42.81	40.29	30.59	49.80	68.20	-18.40	peak



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Test mode: 802.11n(HT40) Frequency(MHz)	5670	Peak	Horizontal
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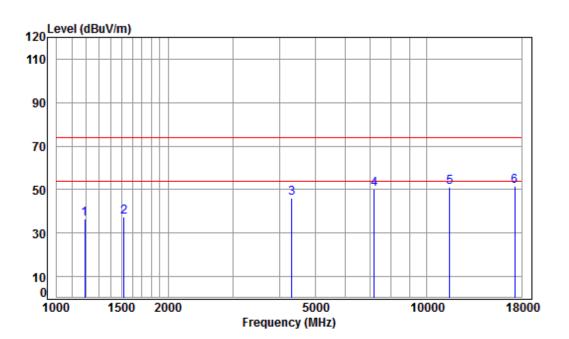


Job I	Condition: 3m HORIZONTAL Job No : 2939RG Mode : 5670 TX RSE											
	: Ant	2 5G	WIFI 1	1N(40)	CH134							
		Cable	Ant	Preamp	Read		Limit	0ver				
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark			
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB				
1	1145.507	4.20	24.20	41.14	48.98	36.24	74.00	-37.76	peak			
2	1611.091	5.34	26.30	41.48	46.23	36.39	74.00	-37.61	peak			
3	4169.698	7.18	33.60	42.36	48.22	46.64	74.00	-27.36	peak			
4 p	p 8917.462	10.38	36.50	38.74	41.53	49.67	68.20	-18.53	peak			
5	11340.000	11.98	37.97	38.10	37.18	49.03	74.00	-24.97	peak			
6	17010.000	16.69	42.81	40.29	29.40	48.61	68.20	-19.59	peak			



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Test mode: 802.11n(HT40) Frequency(MHz):	5755	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

: 2939RG : 5755 TX RSE

:	Ant	2	5G	WIFI	11N(40)	CH151
		-				

							CHIDI			
		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	1192.811	4.39	24.44	41.18	48.94	36.59	74.00	-37.41	peak	
2	1520.598	5.45	25.89	41.42	47.66	37.58	74.00	-36.42	peak	
3	4316.859	7.36	33.60	42.38	47.67	46.25	74.00	-27.75	peak	
4	7200.309	10.08	36.42	40.72	44.43	50.21	74.00	-23.79	peak	
5	11510.000	12.14	38.11	38.20	39.04	51.09	74.00	-22.91	peak	
6	pp17265.000	16.12	43.12	40.51	32.85	51.58	74.00	-22.42	peak	



1370.328

4181.768

11510.000

6 pp17265.000

7200.309 10.08

7.20

12.14 38.11

2 3

4

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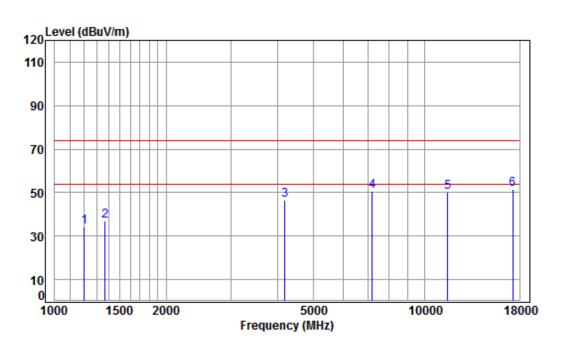
37.17 74.00 -36.83 peak

46.53 74.00 -27.47 peak

50.53 74.00 -23.47 peak

50.23 74.00 -23.77 peak

Test mode: 802.11n(HT40) Frequency(MHz):	5755	Peak	Horizontal
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Condition: 3m HORIZONTAL										
Job No	o : 293	9RG								
Mode	: 575	5 TX	RSE							
	: Ant	2 5G	WIFI 1	1N(40)	CH151					
		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	1203.199	4.43	24.49	41.19	46.55	34.28	74.00	-39.72	peak	

5.05 25.26 41.32 48.18

33.60 42.36 48.09

36.42 40.72 44.75

38.20

38.18

16.12 43.12 40.51 32.70 51.43 74.00 -22.57 peak

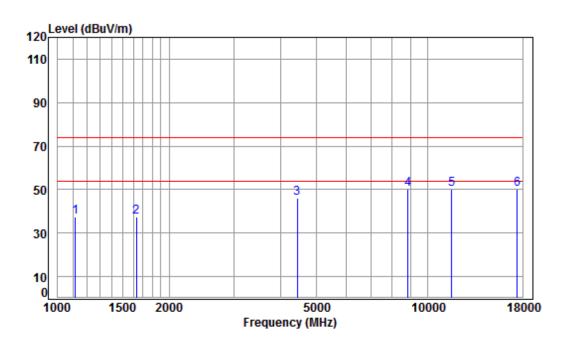
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refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



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Test mode: 802.11n(HT40) Frequency(MHz):	5795	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

: 2939RG : 5795 TX RSE

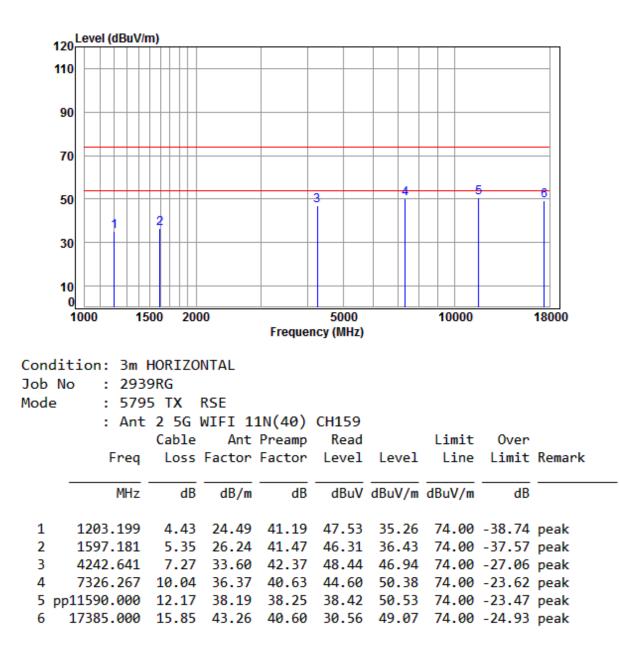
:	Ant	2	5G	WIFI	1	1N(40)	CH159
		Ca	hle	Δr	ht	Preamn	Read

		Cable	Ant	Preamp	Kead		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
						10.14	10.144		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1116.093	4.07	24.05	41.11	50.55	37.56	74.00	-36.44	peak
2	1634.543								•
3	4430.628	7.48	33.60	42.41	47.35	46.02	74.00	-27.98	peak
4	8840.473	10.36	36.41	38.86	42.25	50.16	74.00	-23.84	peak
5	11590.000	12.17	38.19	38.25	37.95	50.06	74.00	-23.94	peak
	pp17385.000								
~	pp17303.000	10.00	43.20	40.00	51.70	50.27	/4.00	23.75	PCuit



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Test mode:802.11n(HT40)Frequency(MHz):	5795	Peak	Horizontal
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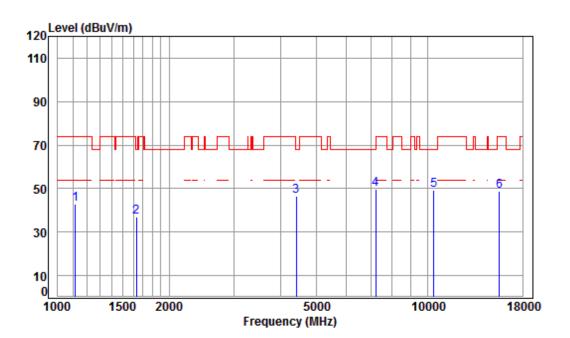


12.4

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est mode: 802.11ac(HT40) Frequency(MHz): 5190 Peak Ve	tical
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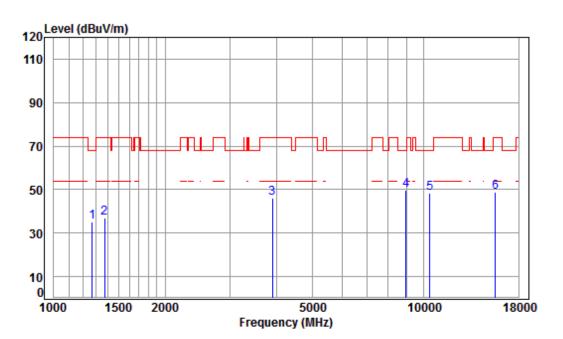


Condition: 3m VERTICAL											
Job No	Job No : 2939RG										
Mode	: 5190	9 TX	RSE								
	: Ant	2 5G	WIFI 1	1AC(40)	CH38						
		Cable	Ant	Preamp	Read		Limit	0ver			
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	1116.093	4.07	24.05	41.11	55.90	42.91	74.00	-31.09	peak		
2	1629.825	5.31	26.38	41.49	46.71	36.91	68.20	-31.29	peak		
3	4405.090	7.46	33.60	42.40	47.79	46.45	68.20	-21.75	peak		
4 pp	7221.150	10.07	36.41	40.70	43.96	49.74	68.20	-18.46	peak		
5	10380.000	11.21	37.22	37.47	38.24	49.20	68.20	-19.00	peak		
6	15570.000	14.35	41.37	39.03	32.32	49.01	74.00	-24.99	peak		



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Test mode:802.11ac(HT40)Frequency(MHz):5190Peak	Horizontal
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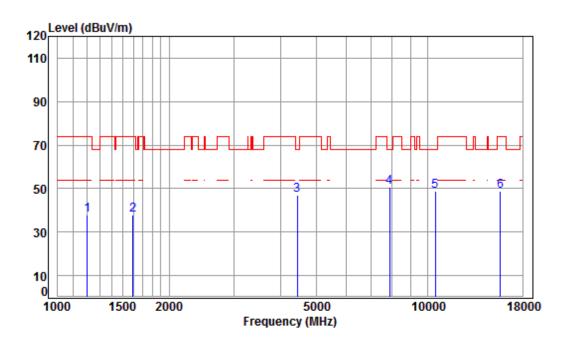


Condition: 3m HORIZONTAL Job No : 2939RG										
Mode	: 519	0 TX	RSE							
	: Ant	2 5G	WIFI 1	1AC(40)	CH38					
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1271.123	4.69	24.82	41.24	47.00	35.27	68.20	-32.93	peak	
2	1374.295	5.06	25.28	41.32	47.84	36.86	74.00	-37.14	peak	
3	3901.516	6.88	33.34	42.31	48.20	46.11	74.00	-27.89	peak	
4 p	p 8943.274	10.39	36.53	38.70	41.66	49.88	68.20	-18.32	peak	
5	10380.000	11.21	37.22	37.47	37.61	48.57	68.20	-19.63	peak	
6	15570.000	14.35	41.37	39.03	32.26	48.95	74.00	-25.05	peak	



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Test mode: 802.11ac(HT40) Frequency(MHz):	5230	Peak	Vertical
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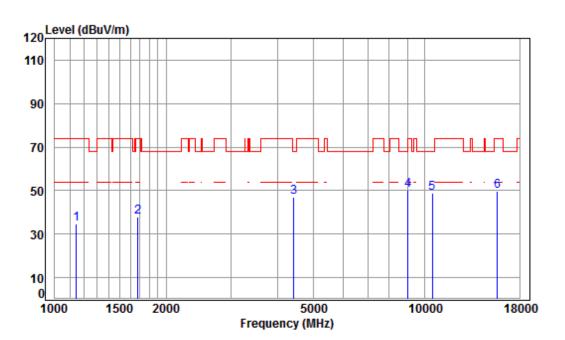


Condition: 3m VERTICAL											
Job No	Job No : 2939RG										
Mode : 5230 TX RSE											
	: Ant	2 5G	WIFI 1	1AC(40)	CH46						
		Cable	Ant	Preamp	Read		Limit	0ver			
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	1203.199	4.43	24.49	41.19	50.35	38.08	74.00	-35.92	peak		
2	1597.181	5.35	26.24	41.47	47.53	37.65	74.00	-36.35	peak		
3	4430.628	7.48	33.60	42.41	48.51	47.18	68.20	-21.02	peak		
4 pp	7875.254	9.96	36.53	40.28	44.34	50.55	68.20	-17.65	peak		
5	10460.000	11.26	37.14	37.52	37.91	48.79	68.20	-19.41	peak		
6	15690.000	14.53	41.32	39.14	32.16	48.87	74.00	-25.13	peak		



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Test mode:802.11ac(HT40)Frequency(MHz):5230Peak	Horizontal
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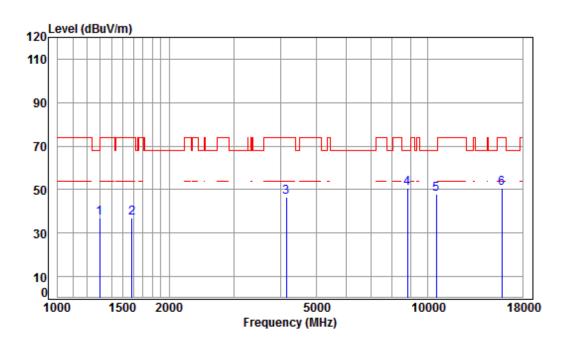


Cond	Condition: 3m HORIZONTAL										
Job No : 2939RG											
Mode	: 523	9 TX	RSE								
	: Ant	2 5G	WIFI 1	1AC(40)	CH46						
		Cable	Ant	Preamp	Read		Limit	0ver			
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	1145.507	4.20	24.20	41.14	47.58	34.84	74.00	-39.16	peak		
2	1677.621	5.25	26.58	41.52	47.34	37.65	74.00	-36.35	peak		
3	4417.841	7.47	33.60	42.40	48.21	46.88	68.20	-21.32	peak		
4	pp 8995.123	10.40	36.59	38.62	41.86	50.23	68.20	-17.97	peak		
5	10460.000	11.26	37.14	37.52	38.10	48.98	68.20	-19.22	peak		
6	15690.000	14.53	41.32	39.14	32.90	49.61	74.00	-24.39	peak		



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Test mode: 802.11ac(HT40) Frequency(MHz):	5270	Peak	Vertical
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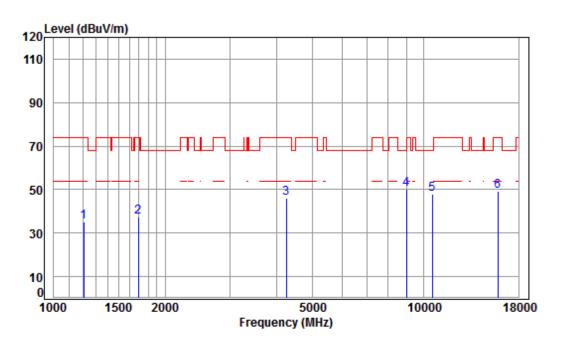


Condi Job N Mode	tion: 3m o : 2939 : 5270	9RG							
	: Ant	2 5G	WIFI 1	1AC(40)	CH54				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1297.103	4.79	24.94	41.26	48.31	36.78	68.20	-31.42	peak
2	1587.975	5.37	26.20	41.46	46.65	36.76	74.00	-37.24	peak
3	4145.664	7.16	33.60	42.35	47.97	46.38	74.00	-27.62	peak
4 pp	8814.957	10.35	36.38	38.90	42.75	50.58	68.20	-17.62	peak
5	10540.000	11.32	37.15	37.57	37.09	47.99	68.20	-20.21	peak
6	15810.000	14.71	41.28	39.25	33.74	50.48	74.00	-23.52	peak



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Test mode: 802.11ac(HT40) Frequency(MHz): 5270 Peak Horizontal
--

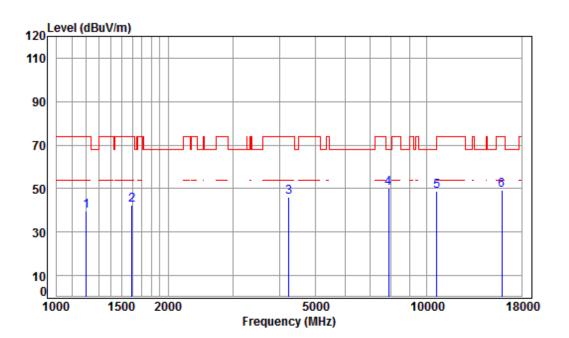


	Condition: 3m HORIZONTAL Job No : 2939RG Mode : 5270 TX RSE											
	: Ant	2 5G	WIFI 1	1AC(40)	CH54							
		Cable	Ant	Preamp	Read		Limit	0ver				
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark			
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB				
1	1206.682	4.44	24.51	41.19	47.59	35.35	/4.00	-38.65	peak			
2	1692.231	5.24	26.64	41.53	47.19	37.54	74.00	-36.46	peak			
3	4242.641	7.27	33.60	42.37	47.79	46.29	74.00	-27.71	peak			
4 pp	8969.161	10.39	36.56	38.66	41.87	50.16	68.20	-18.04	peak			
5	10540.000	11.32	37.15	37.57	37.24	48.14	68.20	-20.06	peak			
6	15810.000	14.71	41.28	39.25	32.70	49.44	74.00	-24.56	peak			



Report No.: SZEM171201293902 Page: 236 of 817

Test mode: 802.11ac(HT40) Frequency(MHz):	5310	Peak	Vertical
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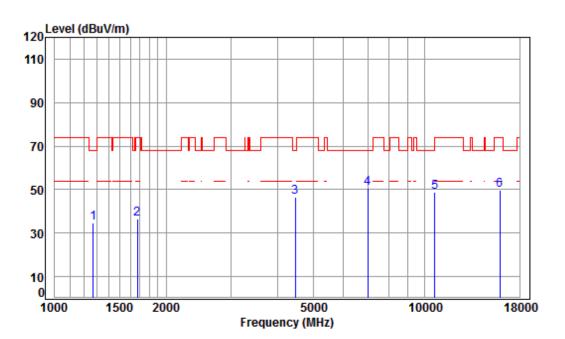


Condi	Condition: 3m VERTICAL										
Job N	Job No : 2939RG										
Mode : 5310 TX RSE											
	: Ant	2 5G	WIFI 1	1AC(40)	CH62						
		Cable	Ant	Preamp	Read		Limit	0ver			
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	1203.199	4.43	24.49	41.19	51.96	39.69	74.00	-34.31	peak		
2	1597.181	5.35	26.24	41.47	52.42	42.54	74.00	-31.46	peak		
3	4230.396	7.26	33.60	42.37	47.72	46.21	74.00	-27.79	peak		
4 pp	7875.254	9.96	36.53	40.28	43.98	50.19	68.20	-18.01	peak		
5	10620.000	11.37	37.25	37.63	37.82	48.81	74.00	-25.19	peak		
6	15930.000	14.89	41.23	39.36	32.44	49.20	74.00	-24.80	peak		



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Test mode: 802.11ac(HT40) Frequency(MHz):	5310	Peak	Horizontal
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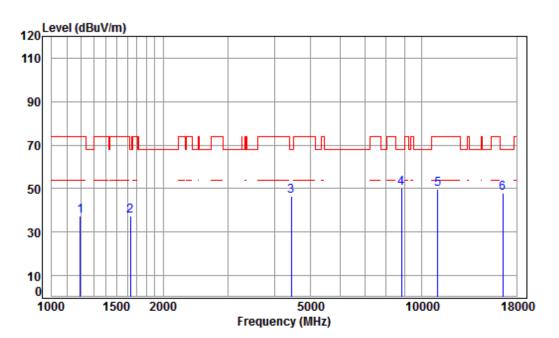


Condi	Condition: 3m HORIZONTAL									
Job N	o : 2939	9RG								
Mode	: 5310	0 TX	RSE							
	: Ant	2 5G	WIFI 1	1AC(40)	CH62					
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1271.123	4.69	24.82	41.24	46.27	34.54	68.20	-33.66	peak	
2	1672.779	5.26	26.56	41.52	46.16	36.46	74.00	-37.54	peak	
3	4469.214	7.53	33.60	42.41	47.72	46.44	68.20	-21.76	peak	
4 pp	7015.420	10.13	36.49	40.84	44.68	50.46	68.20	-17.74	peak	
5	10620.000	11.37	37.25	37.63	37.85	48.84	74.00	-25.16	peak	
6	15930.000	14.89	41.23	39.36	32.77	49.53	74.00	-24.47	peak	



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Test mode:802.11ac(HT40)Frequency(MHz):55	5510	Peak	Vertical
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Condition:	3m VER	TICAL	
Job No :	2939RG		
Mode :	5510 T)	K RSE	

•	2216			NDL		
:	Ant	2	5G	WIFI	11AC(40)) CH102

	_			Preamp					
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Kemark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	4.40	24.46	41.18	49.85	37.53	74.00	-36.47	peak
2	1629.825	5.31	26.38	41.49	47.01	37.21	68.20	-30.99	peak
3	4430.628	7.48	33.60	42.41	48.01	46.68	68.20	-21.52	peak
4 p	p 8814.957	10.35	36.38	38.90	42.59	50.42	68.20	-17.78	peak
5	11020.000	11.65	37.72	37.89	38.12	49.60	74.00	-24.40	peak
6	16530.000	14.63	42.71	39.89	30.52	47.97	68.20	-20.23	peak



6

16530.000

14.63

42.71

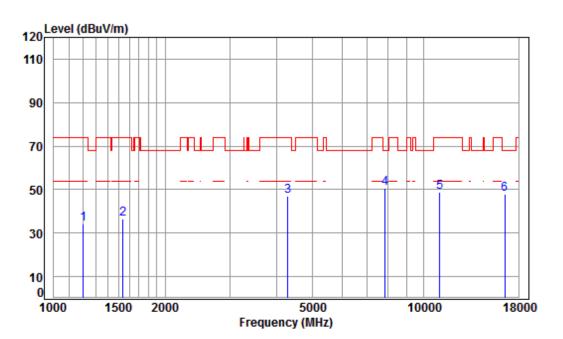
39.89

30.56 48.01 68.20 -20.19 peak

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Test mode:802.11ac(HT40)Frequency(MHz):5510Peak	ak Horizontal
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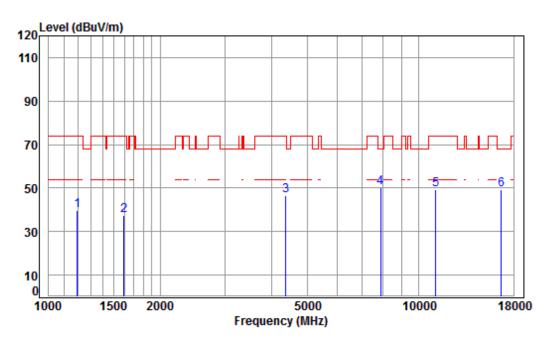


Condi Job No	tion: 3m o : 2939		NTAL						
Mode	: 551	о тх	RSE						
	: Ant	2 5G	WIFI 1	1AC(40)	CH102	2			
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	4.43	24.49	41.19	46.63	34.36	/4.00	-39.64	peak
2	1538.281	5.43	25.98	41.43	46.55	36.53	74.00	-37.47	peak
3	4291.977	7.33	33.60	42.38	48.59	47.14	74.00	-26.86	peak
4 pp	7852.524	9.96	36.51	40.29	44.47	50.65	68.20	-17.55	peak
5	11020.000	11.65	37.72	37.89	37.19	48.67	74.00	-25.33	peak



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Test mode:802.11ac(HT40)Frequency(MHz):5550PeakVertical

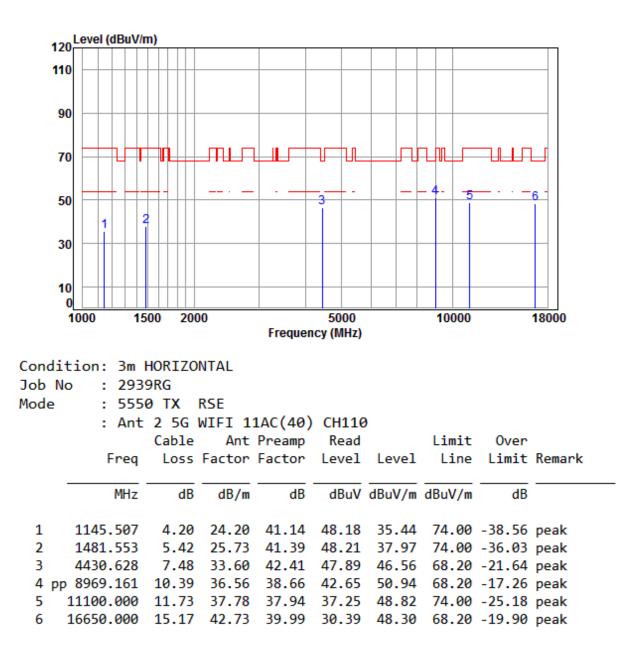


Condi Job N Mode									
noue				1AC(40)	СН110				
	Freq	Cable	Ant	Preamp Factor	Read		Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 2 3 4 pp 5	1196.264 1597.181 4367.058 7875.254 11100.000	5.35 7.41	26.24 33.60 36.53	42.39	47.29 47.70 44.03	37.41 46.32 50.24	74.00 74.00 68.20	-36.59 -27.68 -17.96	peak peak peak
6	16650.000	15.17	42.73	39.99	31.38	49.29	68.20	-18.91	peak



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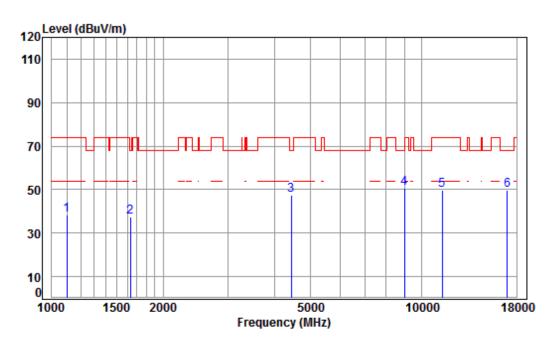
Test mode:802.11ac(HT40)Frequency(MHz):5550PeakHorizontal





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Test mode: 802.11ac(HT40) Frequency(MHz):	5670	Peak	Vertical
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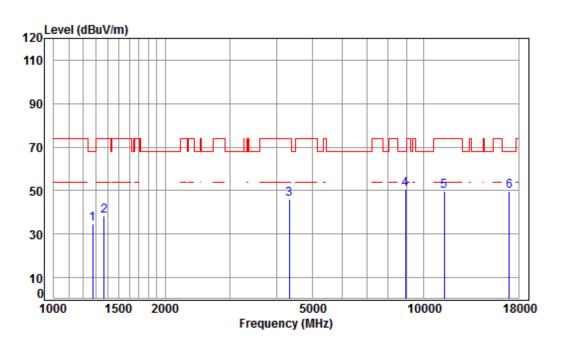


Condi Job No Mode	: 567	ƏRG ƏTX	RSE						
	: Ant			1AC(40)		-			
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
	4400 070					20.00	74.00	25 00	
1	1100.079	4.00	23.96	41.10	51.34	38.20	74.00	-35.80	peak
2	1634.543	5.31	26.40	41.49	47.38	37.60	68.20	-30.60	peak
3	4430.628	7.48	33.60	42.41	48.71	47.38	68.20	-20.82	peak
4 pp	8969.161	10.39	36.56	38.66	42.29	50.58	68.20	-17.62	peak
5	11340.000	11.98	37.97	38.10	37.75	49.60	74.00	-24.40	peak
6	17010.000	16.69	42.81	40.29	30.30	49.51	68.20	-18.69	peak



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Test mode: 802.11ac(HT40) Frequency(MHz):	5670	Peak	Horizontal
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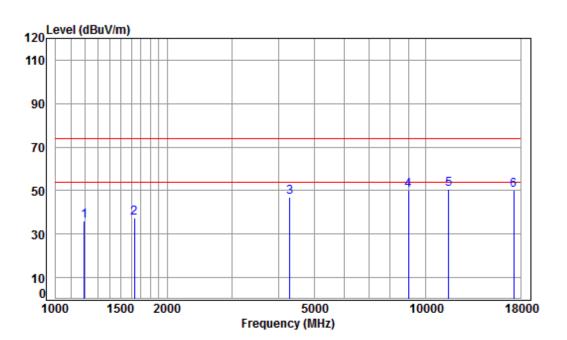


Cond Job Mode		9RG							
Houe				1AC(40)	CH134	L			
		Cable		Preamp	Read		Limit	0ver	
	Freq	Loss		Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
	4074 000	4 74			46.00	24.52	60.00	22.67	
1	1274.802	4.71	24.84	41.24	46.22	34.53	68.20	-33.67	реак
2	1370.328	5.05	25.26	41.32	49.18	38.17	74.00	-35.83	peak
3	4329.354	7.37	33.60	42.39	47.73	46.31	74.00	-27.69	peak
4 p	op 8917.462	10.38	36.50	38.74	42.44	50.58	68.20	-17.62	peak
5	11340.000	11.98	37.97	38.10	38.02	49.87	74.00	-24.13	peak
6	17010.000	16.69	42.81	40.29	30.42	49.63	68.20	-18.57	peak



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Test mode: 802.11ac(HT40) Frequency(MHz):	5755	Peak	Vertical
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Condition	3m VERTICAL
Job No	2939RG

Mode

: 5755 TX RSE : Ant 2 5G WIFI 11AC(40) CH151

		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	1196.264	4.40	24.46	41.18	48.32	36.00	74.00	-38.00	peak
2	1629.825	5.31	26.38	41.49	47.05	37.25	74.00	-36.75	peak
3	4291.977	7.33	33.60	42.38	48.26	46.81	74.00	-27.19	peak
4	8969.161	10.39	36.56	38.66	41.99	50.28	74.00	-23.72	peak
5	pp11510.000	12.14	38.11	38.20	38.55	50.60	74.00	-23.40	peak
6	17265.000	16.12	43.12	40.51	31.32	50.05	74.00	-23.95	peak



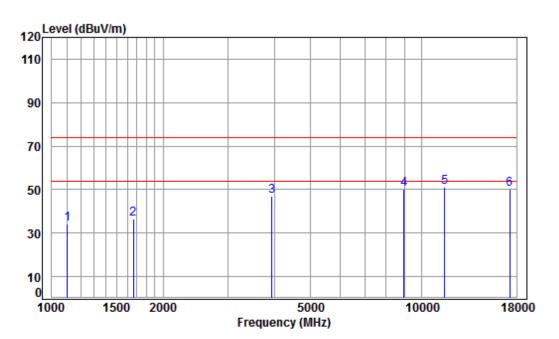
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Test mode: 802.11ac(HT40) Frequency(MHz):	5755	Peak	Horizontal
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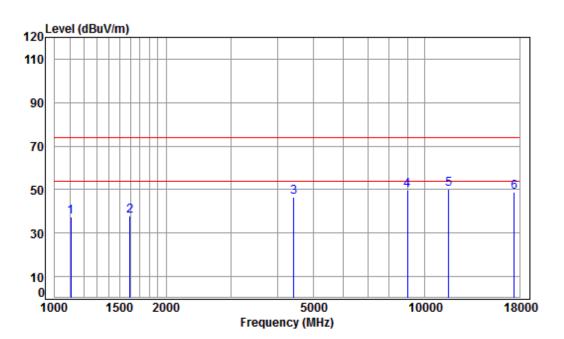
Job No	tion: 3m o : 293 : 575	9RG							
mode									
	: Ant	2 5G	WIFI 1	1AC(40)	CH151				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1103.264	4.02	23.98	41.10	47.42	34.32	74.00	-39.68	peak
2	1663.137	5.27	26.52	41.51	46.11	36.39	74.00	-37.61	peak
3	3935.493	6.92	33.43	42.31	48.81	46.85	74.00	-27.15	peak

8943.274 10.39 36.53 38.70 42.09 50.31 74.00 -23.69 peak 5 pp11510.000 12.14 38.11 38.20 38.94 50.99 74.00 -23.01 peak 17265.000 16.12 43.12 40.51 31.67 50.40 74.00 -23.60 peak



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Test mode: 802.11ac(HT40) Frequency(MHz):	5795	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

: 2939RG : 5795 TX RSE

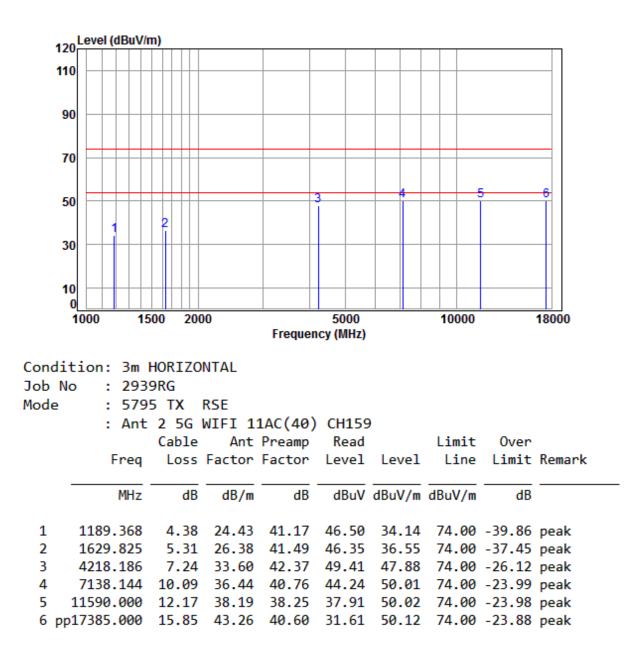
:	Ant	2	5G	WIFI	11AC(40)	CH159
		_		-	_	

		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	1106.457	4.03	24.00	41.10	50.45	37.38	74.00	-36.62	peak
2	1597.181	5.35	26.24	41.47	47.73	37.85	74.00	-36.15	peak
3	4417.841	7.47	33.60	42.40	48.07	46.74	74.00	-27.26	peak
4	8969.161	10.39	36.56	38.66	41.36	49.65	74.00	-24.35	peak
5	pp11590.000								
	17385.000								•
									-



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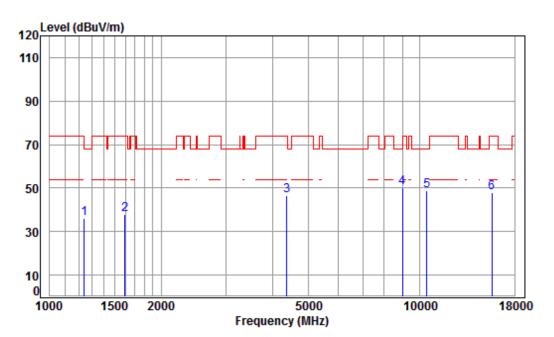
Test mode: 802.11ac(HT40) Frequency(MHz):	5795	Peak	Horizontal
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Test mode:802.11ac(HT80)Frequency(MHz):5210PeakVertical

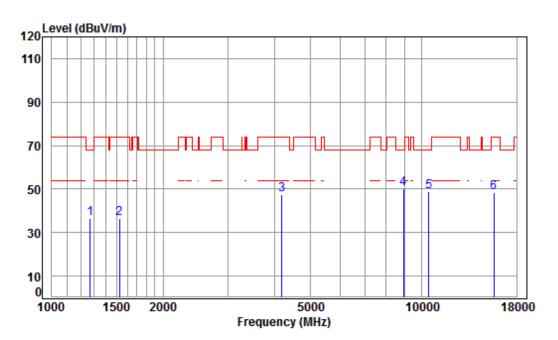


Cond Job Mode	: 521	ƏRG ƏTX	RSE						
	: Ant	_		1AC(80)				_	
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1242.068	4.58	24.68	41.22	47.93	35.97	68.20	-32.23	peak
2	1597.181	5.35	26.24	41.47	47.86	37.98	74.00	-36.02	peak
3	4367.058	7.41	33.60	42.39	48.03	46.65	74.00	-27.35	peak
4 1	op 8969.161	10.39	36.56	38.66	42.12	50.41	68.20	-17.79	peak
5	10420.000	11.24	37.18	37.49	38.09	49.02	68.20	-19.18	peak
6	15630.000			39.09					•



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Test mode:802.11ac(HT80)Frequency(MHz):5210PeakHorizonta	ป
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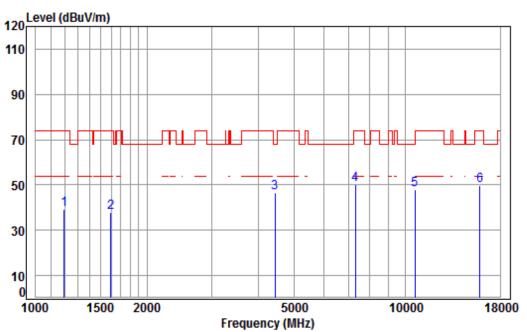


Condition: 3m HORIZONTAL Job No : 2939RG Mode : 5210 TX RSE									
	: Ant	2 5G	WIFI 1	1AC(80)	CH42				
		Cable		Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	4.69	24.82	41.24	48.39	36.66	68.20	-31.54	peak
2	1525.000	5.45	25.91	41.42	46.51	36.45	74.00	-37.55	peak
3	4181.768	7.20	33.60	42.36	48.95	47.39	74.00	-26.61	peak
4 pp	8917.462	10.38	36.50	38.74	42.18	50.32	68.20	-17.88	peak
5	10420.000	11.24	37.18	37.49	37.89	48.82	68.20	-19.38	peak
6	15630.000	14.44	41.35	39.09	31.77	48.47	74.00	-25.53	peak



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Test mode: 802.11ac(HT80) Frequency(MHz):	5290	Peak	Vertical
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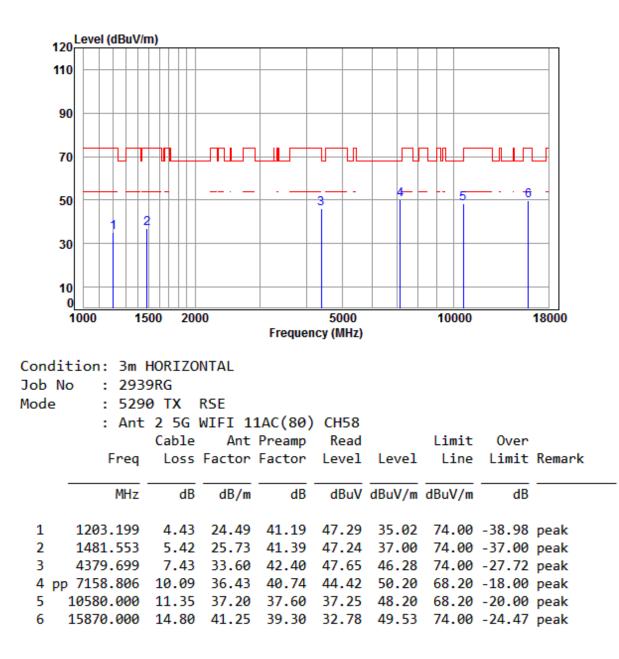


				-					
Cone	dition: 3m	VERTIC	AL						
Job	No : 293	9RG							
Mode	e : 529	0 тх	RSF						
				1AC(80)	CH58				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	4.40	24.46	41.18	51.72	39.40	74.00	-34.60	peak
2	1597.181	5.35	26.24	41.47	47.75	37.87	74.00	-36.13	peak
3	4430.628	7.48	33.60	42.41	48.00	46.67	68.20	-21.53	peak
4	7305.122	10.05	36.38	40.64	44.52	50.31	74.00	-23.69	peak
5	pp10580.000	11.35	37.20	37.60	36.94	47.89	68.20	-20.31	peak
6	15870.000	14.80	41.25	39.30	32.81	49.56	74.00	-24.44	peak



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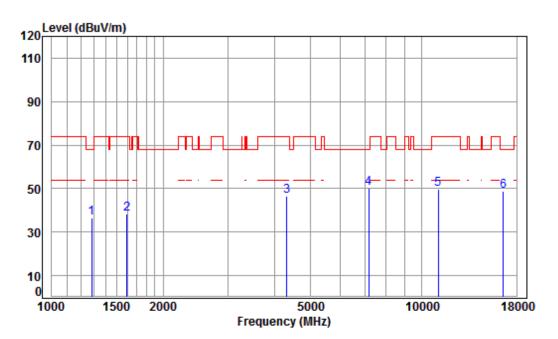
Test mode: 802.11ac(HT80) Frequency(MHz): 5290 Peak H	Horizontal
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Test mode:802.11ac(HT80)Frequency(MHz):5530PeakVertical	quency(MHz): 5530 Peak Vertical
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Condition: 3m VERTICAL Job No : 2939RG Mode : 5530 TX RSE : Ant 2 5G WIFI 11AC(80) CH106									
	. And	Cable		Preamp	Read	,	Limit	0ver	
	Freq			Factor		l evel			Remark
		2033	, ac coi	1 de con			LINC	LIMIC	Read R
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	4.73	24.87	41.25	48.16	36.51	68.20	-31.69	peak
2	1597.181	5.35	26.24	41.47	48.26	38.38	74.00	-35.62	peak
3	4316.859	7.36	33.60	42.38	47.99	46.57	74.00	-27.43	peak
4 pp	7179.527	10.08	36.43	40.73	44.51	50.29	68.20	-17.91	peak
5	11060.000	11.69	37.75	37.92	38.07	49.59	74.00	-24.41	peak
6	16590.000	14.90	42.72	39.94	31.37	49.05	68.20	-19.15	peak

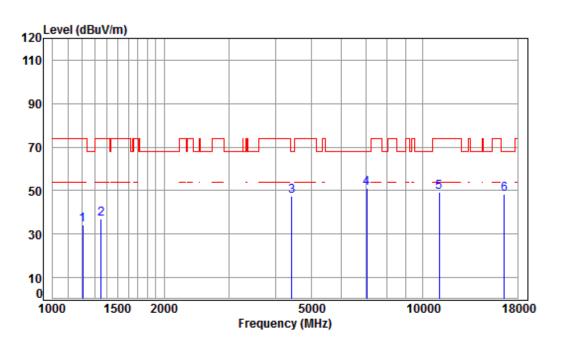


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Test mode:802.11ac(HT80)Frequency(MHz):5530PeakHorizontal



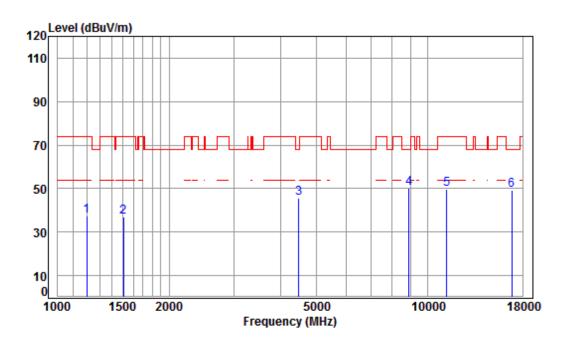
Condit Job No	tion: 3m H		NTAL						
Mode	: 5530	э тх	RSE						
	: Ant	2 5G	WIFI 1	1AC(80)	CH106	5			
		Cable		Preamp			Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1206.682	4.44	24.51	41.19	46.58	34.34	74.00	-39.66	peak
2	1350.667	4.98	25.18	41.30	48.05	36.91	74.00	-37.09	peak
3	4417.841	7.47	33.60	42.40	48.70	47.37	68.20	-20.83	peak
4 pp	7056.092	10.11	36.48	40.81	45.30	51.08	68.20	-17.12	peak
5	11060.000	11.69	37.75	37.92	37.66	49.18	74.00	-24.82	peak

16590.000 14.90 42.72 39.94 30.57 48.25 68.20 -19.95 peak



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Test mode:802.11ac(HT80)Frequency(MHz):5610Peak	Vertical
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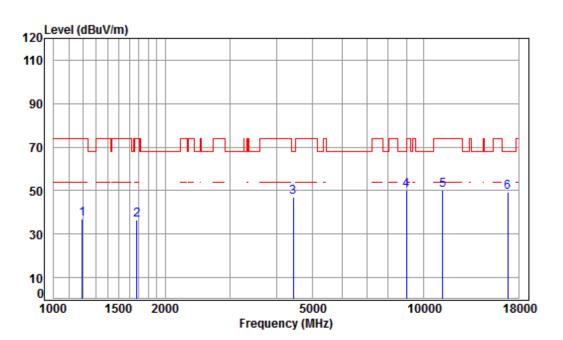


Job No	: 5610	ƏRG ƏTX	RSE						
	: Ant	2 5G		1AC(80)					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	4.42	24.48	41.18	49.73	37.45	74.00	-36.55	peak
2	1507.470	5.47	25.83	41.41	47.29	37.18	74.00	-36.82	peak
3	4482.150	7.54	33.60	42.41	47.12	45.85	68.20	-22.35	peak
4 pp	8891.725	10.37	36.47	38.78	42.06	50.12	68.20	-18.08	peak
5	11220.000	11.86	37.88	38.02	38.12	49.84	74.00	-24.16	peak
6	16830.000	15.97	42.77	40.14	30.58	49.18	68.20	-19.02	peak
									•



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Test mode:802.11ac(HT80)Frequency(MHz):5610	Peak Horizontal
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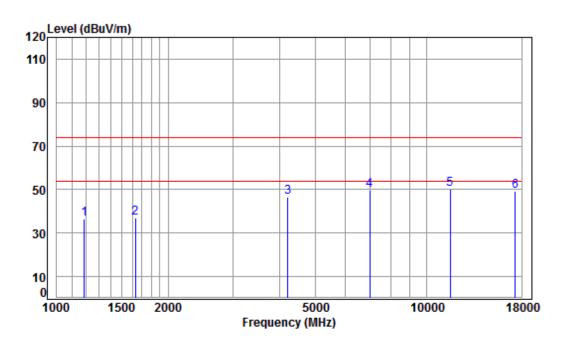


Condition: 3m HORIZONTAL Job No : 2939RG Mode : 5610 TX RSE									
				1AC(80)	CH122	2			
		Cable		Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	4.40	24.46	41.18	49.15	36.83	74.00	-37.17	peak
2	1677.621	5.25	26.58	41.52	46.34	36.65	74.00	-37.35	peak
3	4430.628	7.48	33.60	42.41	48.50	47.17	68.20	-21.03	peak
4 p	8969.161	10.39	36.56	38.66	41.77	50.06	68.20	-18.14	peak
5	11220.000	11.86	37.88	38.02	38.69	50.41	74.00	-23.59	peak
6	16830.000	15.97	42.77	40.14	30.60	49.20	68.20	-19.00	peak



Report No.: SZEM171201293902 Page: 256 of 817

Test mode: 802.11ac(HT80) Frequency(MHz):	5775	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

> : 2939RG : 5775 TX RSE

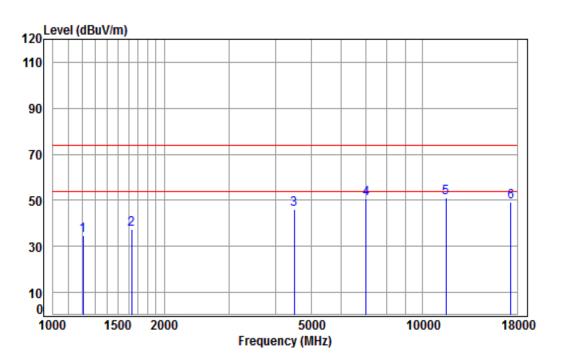
: Ant 2 5G WIFI 11AC(80) CH155

						-			
		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	1189.368	4.38	24.43	41.17	48.85	36.49	74.00	-37.51	peak
2	1634.543	5.31	26.40	41.49	46.73	36.95	74.00	-37.05	peak
3	4206.011	7.23	33.60	42.36	47.99	46.46	74.00	-27.54	peak
4	7015.420	10.13	36.49	40.84	44.18	49.96	74.00	-24.04	peak
5	pp11550.000	12.16	38.15	38.23	38.25	50.33	74.00	-23.67	peak
6	17325.000	15.98	43.19	40.55	30.63	49.25	74.00	-24.75	peak
									-



Report No.: SZEM171201293902 Page: 257 of 817

Test mode: 802.11ac(HT80) Frequency(MHz):	5775	Peak	Horizontal
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Condition:	3m HORIZONTAL
Joh No ·	2939RG

JOD	NO
Mode	2

: 2939RG

:	57	75	IX .	RSE

: Ant 2 5G WIFI 11AC(80) CH155

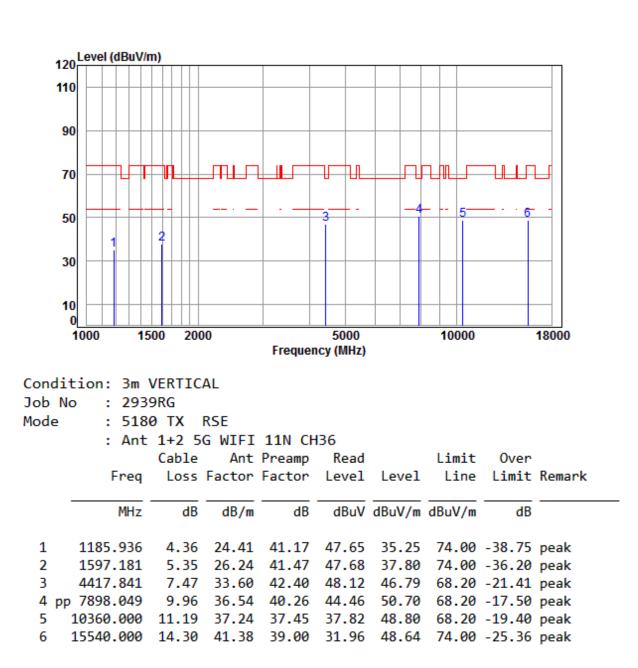
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1206.682	4.44	24.51	41.19	47.10	34.86	74.00	-39.14	peak
2	1629.825	5.31	26.38	41.49	47.14	37.34	74.00	-36.66	peak
3	4495.125	7.55	33.60	42.42	47.53	46.26	74.00	-27.74	peak
4	7035.727	10.12	36.49	40.83	44.80	50.58	74.00	-23.42	peak
5	pp11550.000	12.16	38.15	38.23	38.81	50.89	74.00	-23.11	peak
6	17325.000	15.98	43.19	40.55	30.81	49.43	74.00	-24.57	peak



Report No.: SZEM171201293902 Page: 258 of 817

MIMO Test plot as follows:

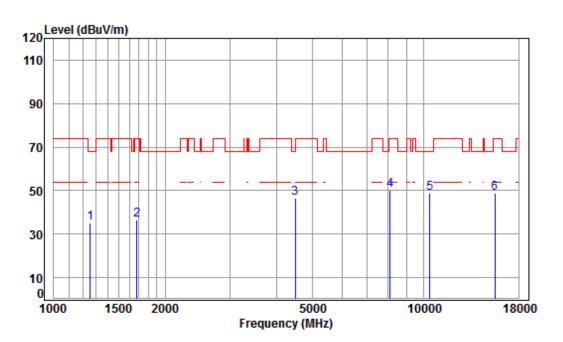
Test mode: 802.11n(HT20) Frequency(MHz):	5180	Peak	Vertical
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Test mode: 802.11n(HT20) Frequency(MHz):	5180	Peak	Horizontal
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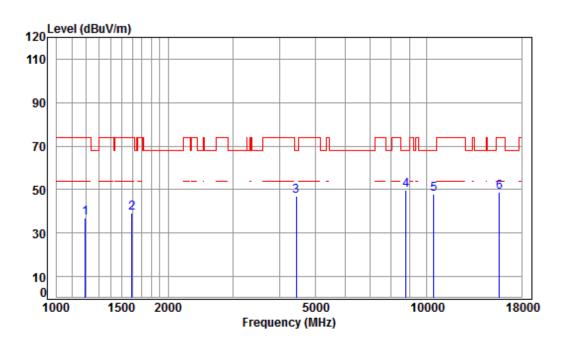
Condition:	3m HORIZONTAL		
Job No :	2939RG		
Mode :	5180 TX RSE		
:	Ant 1+2 5G WIFI 11N CH36		
	Cable Ant Preamp Read L	imit	0ver
I	Freq Loss Factor Factor Level Level	Line	Limit

	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	4.64	24.75	41.23	46.87	35.03	68.20	-33.17	peak
2	1677.621	5.25	26.58	41.52	46.33	36.64	74.00	-37.36	peak
3	4495.125	7.55	33.60	42.42	47.62	46.35	68.20	-21.85	peak
4	8106.200	10.02	36.47	40.02	43.58	50.05	74.00	-23.95	peak
5	pp10360.000	11.19	37.24	37.45	37.67	48.65	68.20	-19.55	peak
6	15540.000	14.30	41.38	39.00	32.21	48.89	74.00	-25.11	peak



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Test mode: 802.11n(HT20) Frequency(MHz):	5220	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

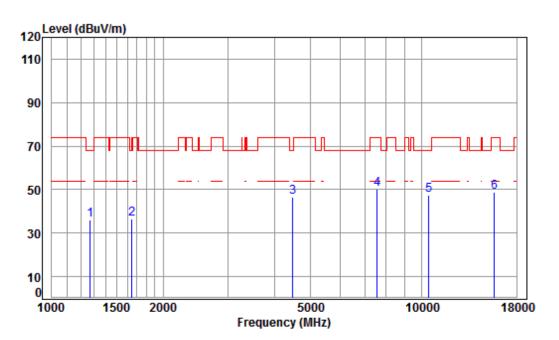
: 2939RG : 5220 TX RSE : Ant 1+2 5G WIFI 11N CH44

	. Anc	172 0	G WIFI	TTN CI	44				
		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	1196.264	4.40	24.46	41.18	49.43	37.11	74.00	-36.89	peak
2	1597.181	5.35	26.24	41.47	48.99	39.11	74.00	-34.89	peak
3	4430.628	7.48	33.60	42.41	48.18	46.85	68.20	-21.35	peak
4	pp 8764.146	10.34	36.32	38.97	42.19	49.88	68.20	-18.32	peak
5	10440.000	11.25	37.16	37.51	37.22	48.12	68.20	-20.08	peak
6	15660.000	14.48	41.34	39.11	32.16	48.87	74.00	-25.13	peak
									-



Report No.: SZEM171201293902 Page: 261 of 817

Test mode: 802.11n(HT20) Frequency(MHz):	5220	Peak	Horizontal
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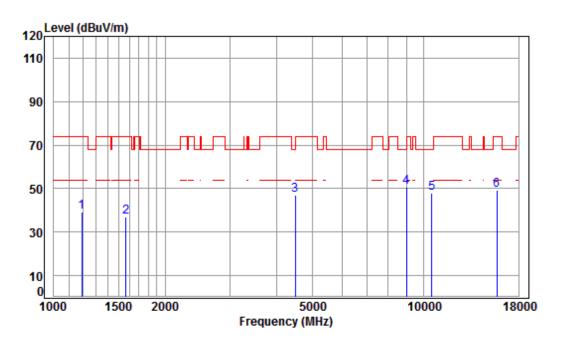
Condi	tion	: 3m H	HORIZO	NTAL						
Job No	D	: 2939	9RG							
Mode		: 5220	9 TX	RSE						
		: Ant	1+2 5	G WIFI	11N C	444				
			Cable	Ant	Preamp	Read		Limit	0ver	
		Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	

1	1271.123	4.69	24.82	41.24	47.77	36.04	68.20 -32.16 peak
2	1648.778	5.29	26.46	41.50	46.34	36.59	68.20 -31.61 peak
3	4482.150	7.54	33.60	42.41	47.86	46.59	68.20 -21.61 peak
4	7562.942	9.99	36.34	40.47	44.35	50.21	74.00 -23.79 peak
5	pp10440.000	11.25	37.16	37.51	36.70	47.60	68.20 -20.60 peak
6	15660.000	14.48	41.34	39.11	32.27	48.98	74.00 -25.02 peak



Report No.: SZEM171201293902 Page: 262 of 817

Test mode: 802.11n(HT20) Frequency(MHz):	5240	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

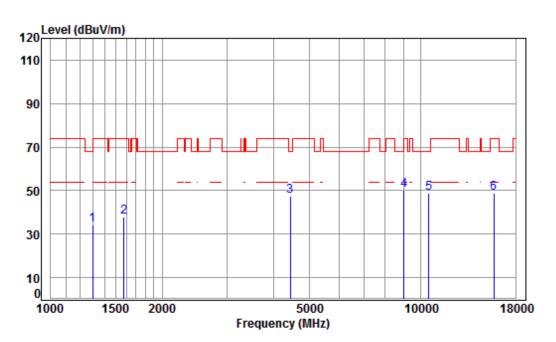
: 5240 TX RSE : Ant 1+2 5G WIFI 11N CH48

		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	1192.811	4.39	24.44	41.18	51.62	39.27	74.00	-34.73	peak
2	1569.721	5.39	26.12	41.45	46.85	36.91	74.00	-37.09	peak
3	4495.125	7.55	33.60	42.42	48.07	46.80	68.20	-21.40	peak
4 p	p 8969.161	10.39	36.56	38.66	42.56	50.85	68.20	-17.35	peak
5	10480.000	11.28	37.12	37.53	37.26	48.13	68.20	-20.07	peak
6	15720.000	14.57	41.31	39.17	32.61	49.32	74.00	-24.68	peak



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Test mode: 802.11n(HT20) Frequency(MHz):	5240	Peak	Horizontal
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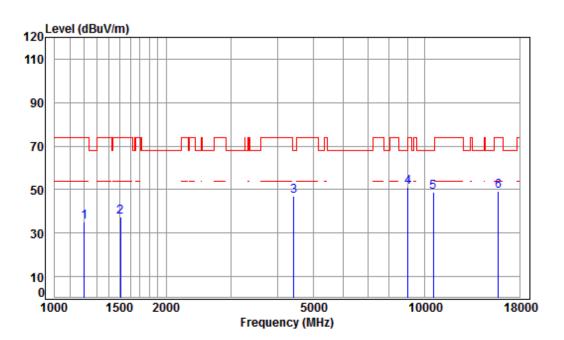
Job No	ion: 3m ; 293	9RG							
Mode	: 524	0 IX	RSE						
	: Ant	1+2 5	G WIFI	11N CH	48				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	

2 1578.822	5.38	26.16	41.46	47.69	37.77	68.20 -34.02 peak 74.00 -36.23 peak
3 4430.628	7.48	33.60	42.41	48.72	47.39	68.20 -20.81 peak
4 pp 8995.123	10.40	36.59	38.62	41.78	50.15	68.20 -18.05 peak
5 10480.000	11.28	37.12	37.53	38.13	49.00	68.20 -19.20 peak
6 15720.000	14.57	41.31	39.17	32.17	48.88	74.00 -25.12 peak



Report No.: SZEM171201293902 Page: 264 of 817

Test mode: 802.11n(HT20) Frequency(MHz):	5260	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

: 5260 TX RSE : Ant 1+2 5G WIFI 11N CH52

		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	1203.199	4.43	24.49	41.19	47.19	34.92	74.00	-39.08	peak
2	1507.470	5.47	25.83	41.41	47.36	37.25	74.00	-36.75	peak
3	4417.841	7.47	33.60	42.40	48.25	46.92	68.20	-21.28	peak
4 p	op 8995.123	10.40	36.59	38.62	42.77	51.14	68.20	-17.06	peak
5	10520.000	11.30	37.12	37.56	37.80	48.66	68.20	-19.54	peak
6	15780.000	14.66	41.29	39.22	32.57	49.30	74.00	-24.70	peak



3

5

6

4430.628

10520.000

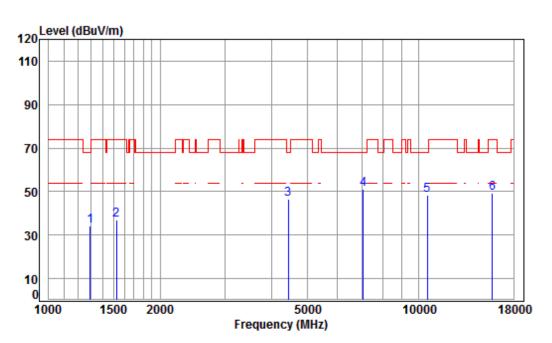
4 pp 7076.516 10.11

7.48

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Test mode: 802.11n(HT20) Frequency(MHz):	5260	Peak	Horizontal
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Condi	tion: 3m	HORIZO	NTAL						
Job No	o : 293	9RG							
Mode	: 526	0 TX	RSE						
	: Ant	1+2 5	G WIFI	11N CH	52				
		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	1293.359	4.77	24.92	41.26	45.80	34.23	68.20	-33.97	peak
2	1525.000	5.45	25.91	41.42	47.20	37.14	74.00	-36.86	peak

36.47 40.80 45.55

15780.000 14.66 41.29 39.22 32.44 49.17 74.00 -24.83 peak

33.60 42.41 47.94 46.61 68.20 -21.59 peak

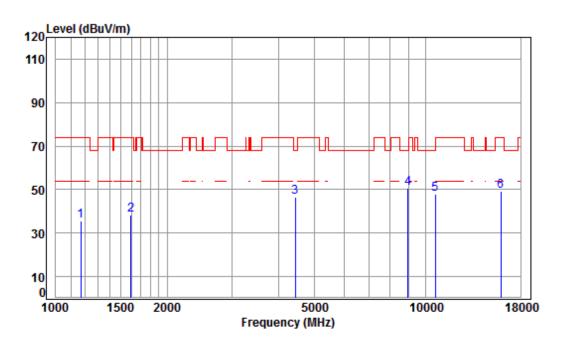
11.30 37.12 37.56 37.47 48.33 68.20 -19.87 peak

51.33 68.20 -16.87 peak



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Test mode: 802.11n(HT20) Frequency(MHz):	5300	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode : !

: 5300 TX RSE : Ant 1+2 5G WIFI 11N CH60

		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	1168.920	4.29	24.32	41.16	47.98	35.43	74.00	-38.57	peak
2	1597.181	5.35	26.24	41.47	47.99	38.11	74.00	-35.89	peak
3	4430.628	7.48	33.60	42.41	47.82	46.49	68.20	-21.71	peak
4	pp 8943.274	10.39	36.53	38.70	42.22	50.44	68.20	-17.76	peak
5	10600.000	11.36	37.22	37.62	37.01	47.97	68.20	-20.23	peak
6	15900.000	14.84	41.24	39.33	32.67	49.42	74.00	-24.58	peak
									-



5

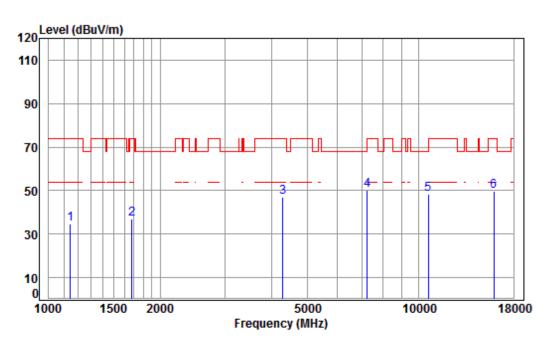
6

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50.35 68.20 -17.85 peak

Test mode:802.11n(HT20)Frequency(MHz):5300	Peak	Horizontal
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Condition: 3m HORIZONTAL Job No : 2939RG Mode : 5300 TX RSE : Ant 1+2 5G WIFI 11N CH60									
		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	1145.507	4.20	24.20	41.14	47.61	34.87	74.00	-39.13	peak
2	1677.621	5.25	26.58	41.52	46.68	36.99	74.00	-37.01	peak
3	4291.977	7.33	33.60	42.38	48.28	46.83	74.00	-27.17	peak

10600.000 11.36 37.22 37.62 37.48 48.44 68.20 -19.76 peak

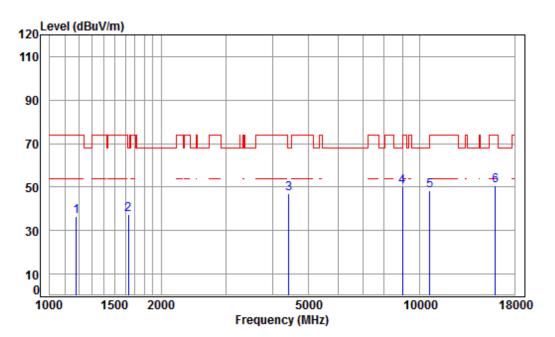
15900.000 14.84 41.24 39.33 33.10 49.85 74.00 -24.15 peak

4 pp 7242.052 10.07 36.40 40.69 44.57



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Test mode:802.11n(HT20)Frequency(MHz):5320PeakVertical
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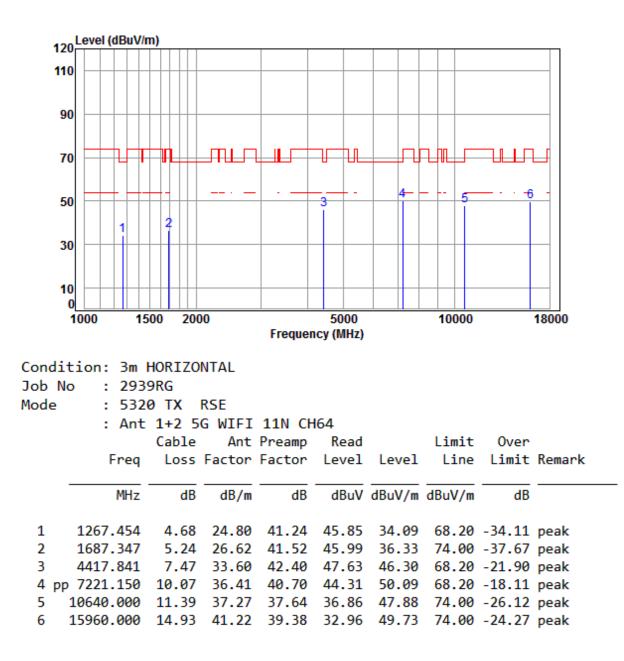


	: Ant 1+2 5G WIFI 11N CH64											
		Cable	Ant	Preamp	Read		Limit	0ver				
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark			
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB				
1	1179.100	4.33	24.38	41.16	48.82	36.37	74.00	-37.63	peak			
2	1634.543	5.31	26.40	41.49	47.08	37.30	68.20	-30.90	peak			
3	4417.841	7.47	33.60	42.40	48.29	46.96	68.20	-21.24	peak			
4 p	p 8969.161	10.39	36.56	38.66	41.68	49.97	68.20	-18.23	peak			
5	10640.000	11.39	37.27	37.64	37.24	48.26	74.00	-25.74	peak			
6	15960.000	14.93	41.22	39.38	33.98	50.75	74.00	-23.25	peak			



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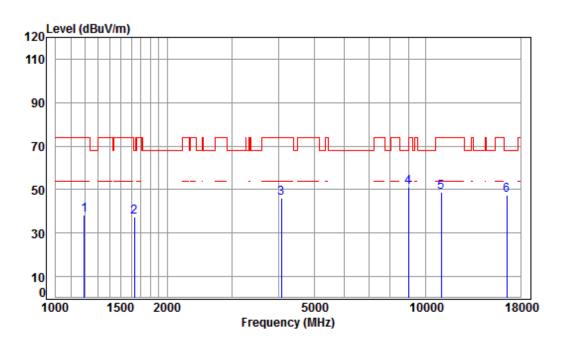
Test mode:802.11n(HT20)Frequency(MHz):9	5320	Peak	Horizontal
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Test mode: 802.11n(HT20) Frequency(MHz):	5500	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

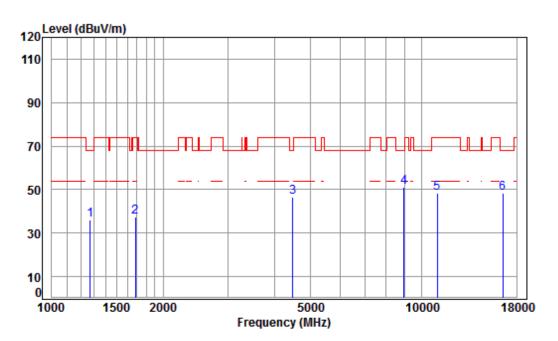
: 5500 TX RSE : Ant 1+2 5G WIFI 11N CH100

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	4.40	24.46	41.18	50.63	38.31	74.00	-35.69	peak
2	1634.543	5.31	26.40	41.49	47.19	37.41	68.20	-30.79	peak
3	4074.388	7.07	33.60	42.34	47.96	46.29	74.00	-27.71	peak
4	pp 8969.161	10.39	36.56	38.66	42.89	51.18	68.20	-17.02	peak
5	11000.000	11.63	37.70	37.88	37.22	48.67	74.00	-25.33	peak
6	16500.000	14.50	42.70	39.86	30.31	47.65	68.20	-20.55	peak



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Test mode: 802.11n(HT20) Frequency(MHz): 55	5500	Peak	Horizontal
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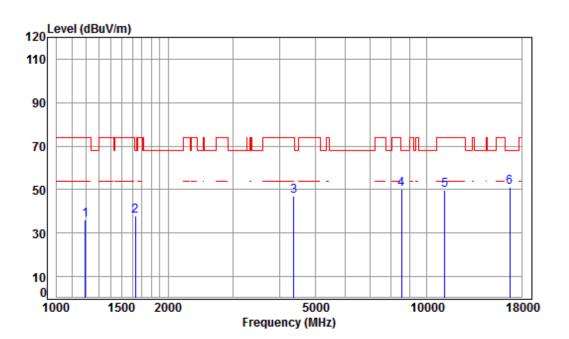
Condi	tion	: 3m	HORIZO	NTAL						
Job No	D	: 293	9RG							
Mode		: 550	0 TX	RSE						
		: Ant	1+2 5	G WIFI	11N CH	1100				
			Cable	Ant	Preamp	Read		Limit	0ver	
		Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	

1	1271.123	4.69	24.82	41.24	47.61	35.88	68.20 -32.32 peak
2	1682.477	5.25	26.60	41.52	47.11	37.44	74.00 -36.56 peak
3	4482.150	7.54	33.60	42.41	47.81	46.54	68.20 -21.66 peak
4	pp 8943.274	10.39	36.53	38.70	42.95	51.17	68.20 -17.03 peak
5	11000.000	11.63	37.70	37.88	36.89	48.34	74.00 -25.66 peak
6	16500.000	14.50	42.70	39.86	31.00	48.34	68.20 -19.86 peak



Report No.: SZEM171201293902 Page: 272 of 817

Test mode: 802.11n(HT20) Frequency(MHz):	5580	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

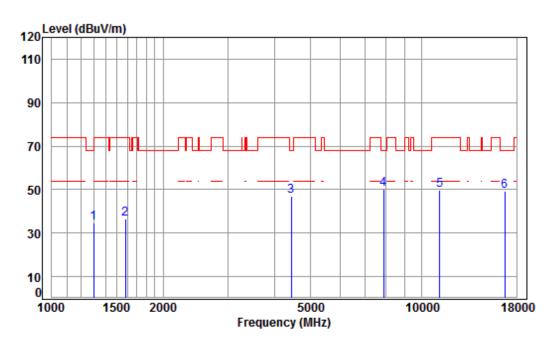
: 5580 TX RSE : Ant 1+2 5G WIFI 11N CH116

		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	1196.264	4.40	24.46	41.18	48.30	35.98	74.00	-38.02	peak
2	1629.825	5.31	26.38	41.49	47.58	37.78	68.20	-30.42	peak
3	4367.058	7.41	33.60	42.39	48.46	47.08	74.00	-26.92	peak
4	8539.102	10.28	36.05	39.32	43.03	50.04	68.20	-18.16	peak
5	11160.000	11.80	37.83	37.98	38.07	49.72	74.00	-24.28	peak
	pp16740.000								•
									-



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Test mode: 802.11n(HT20) Frequency(MHz):	5580	Peak	Horizontal
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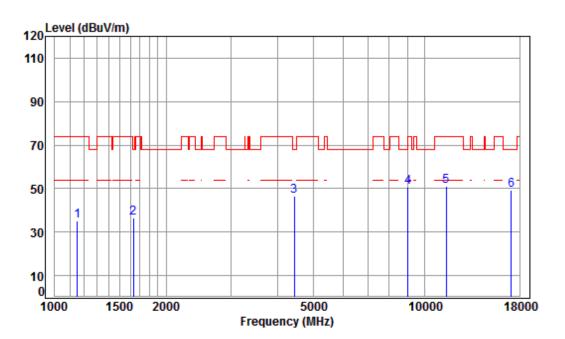
Conditio	n: 3m	HORIZ	ZONTA	AL.						
Job No	: 29	39RG								
Mode	: 55	80 TX	RSE	Ξ						
	: An	t 1+2	5G 🖌	VIFI	11N (CH116				
		Cab1	e	Ant	Pream	p Read		Limit	0ver	
	Free	Los	s Fac	ctor	Facto	r Level	Level	Line	Limit	Remark

	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
4	4007 400	4 70	24.04	44.00	46.00	24.50	60.00	77 22	
	1297.103								
	1583.392								-
	4430.628								•
-	p 7875.254								
	11160.000								-
6	16740.000	15.57	42.75	40.07	31.12	49.37	68.20	-18.83	peak



Report No.: SZEM171201293902 Page: 274 of 817

Test mode: 802.11n(HT20) Frequency(MHz):	5700	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode :

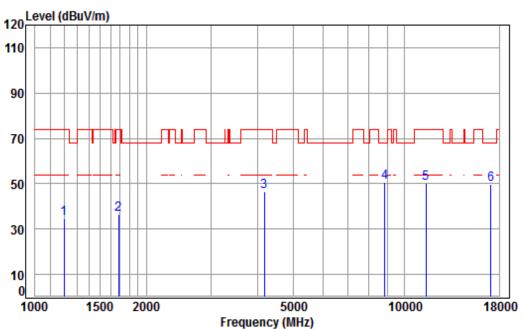
: 5700 TX RSE : Ant 1+2 5G WIFI 11N CH140

		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	1152.148	4.22	24.24	41.14	47.89	35.21	74.00	-38.79	peak
2	1629.825	5.31	26.38	41.49	46.49	36.69	68.20	-31.51	peak
3	4430.628	7.48	33.60	42.41	48.08	46.75	68.20	-21.45	peak
4	pp 8995.123	10.40	36.59	38.62	42.43	50.80	68.20	-17.40	peak
5	11400.000	12.04	38.02	38.13	39.08	51.01	74.00	-22.99	peak
6	17100.000	16.49	42.92	40.37	30.45	49.49	68.20	-18.71	peak



Report No.: SZEM171201293902 Page: 275 of 817

Test mode: 802.11n(HT20) Frequency(MHz):	5700	Peak	Horizontal
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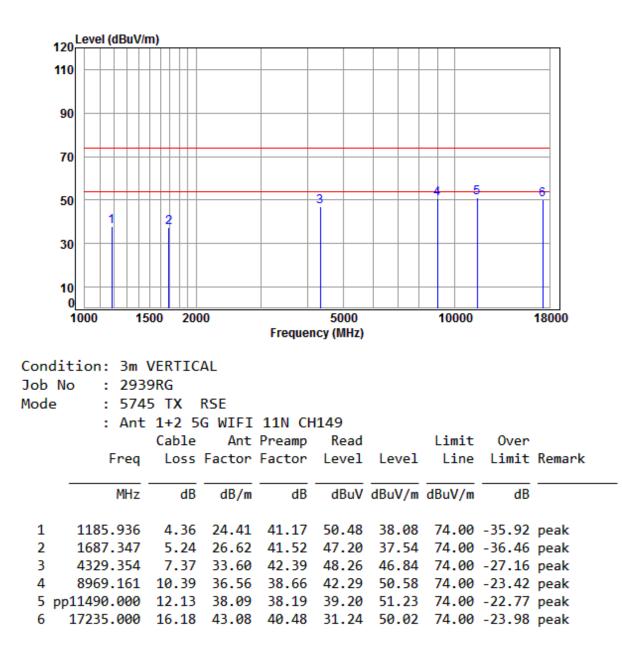


Condi	Condition: 3m HORIZONTAL										
Job No : 2939RG											
Mode	Mode : 5700 TX RSE										
: Ant 1+2 5G WIFI 11N CH140											
		Cable	Ant	Preamp	Read		Limit	0ver			
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	1199.726	4.42	24.48	41.18	47.16	34.88	74.00	-39.12	peak		
2	1682.477	5.25	26.60	41.52	46.12	36.45	74.00	-37.55	peak		
3	4169.698	7.18	33.60	42.36	48.15	46.57	74.00	-27.43	peak		
4 p	p 8840.473	10.36	36.41	38.86	42.94	50.85	68.20	-17.35	peak		
5	11400.000	12.04	38.02	38.13	38.09	50.02	74.00	-23.98	peak		
6	17100.000	16.49	42.92	40.37	30.61	49.65	68.20	-18.55	peak		



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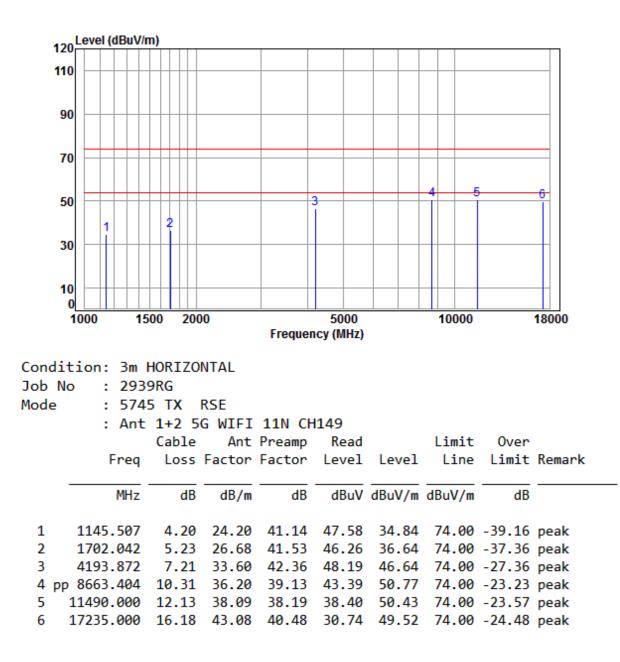
Test mode:802.11n(HT20)Frequency(MHz):5745PeakVertical	
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Report No.: SZEM171201293902 Page: 277 of 817

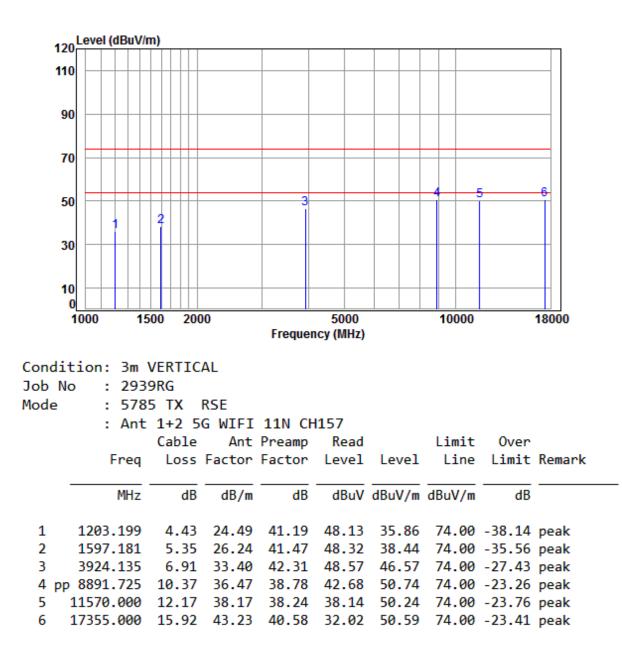
Test mode:802.11n(HT20)Frequency(MHz):5745Peak	Horizontal
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Report No.: SZEM171201293902 Page: 278 of 817

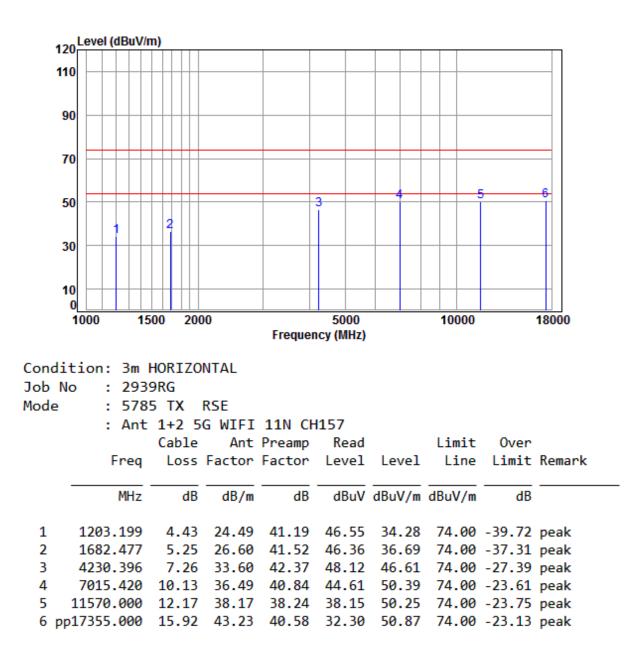
Test mode:802.11n(HT20)Frequency(MHz):5	5785	Peak	Vertical
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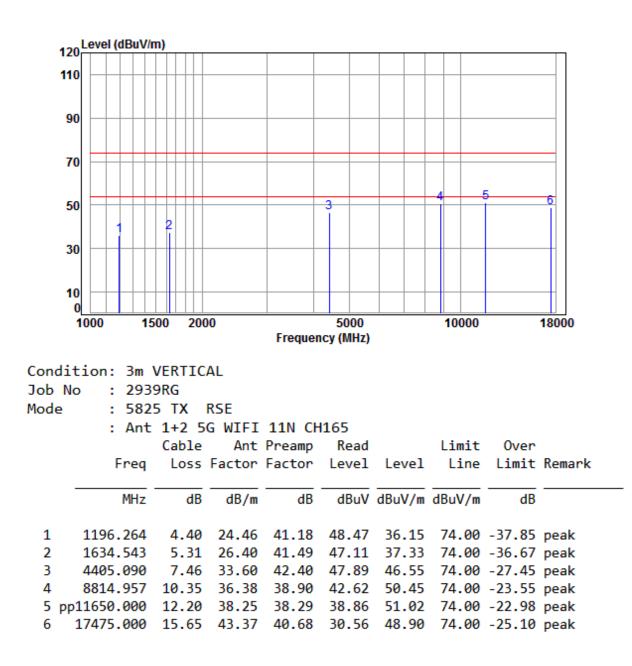
Test mode: 802.11n(HT20) Frequency(MHz):	5785	Peak	Horizontal
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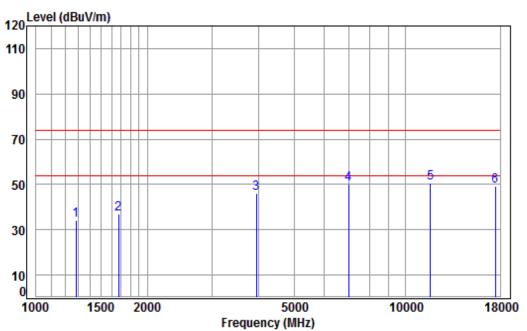
Test mode: 802.11n(HT20) Frequency(MHz):	5825	Peak	Vertical
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Test mode:802.11n(HT20)Frequency(MHz):5825	5 Peak Horizontal
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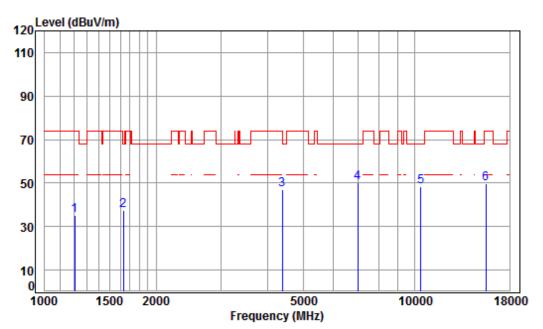


Con	dition: 3m	HORIZO	NTAL						
Job	No : 293	9RG							
Mod	e : 582	5 TX	RSE						
	: Ant	1+2 5	G WIFI	11N CH	165				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	4.73	24.87	41.25	45.87	34.22	74.00	-39.78	peak
2	1672.779	5.26	26.56	41.52	46.64	36.94	74.00	-37.06	peak
3	3946.885	6.93	33.46	42.31	48.13	46.21	74.00	-27.79	peak
4	7015.420	10.13	36.49	40.84	44.53	50.31	74.00	-23.69	peak
5	pp11650.000	12.20	38.25	38.29	38.66	50.82	74.00	-23.18	peak
6	17475.000	15.65	43.37	40.68	31.13	49.47	74.00	-24.53	peak



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requency(MHz): 5180 Peak Venical	Test mode:	802.11ac(HT20)	Frequency(MHz):	5180	Peak	Vertical
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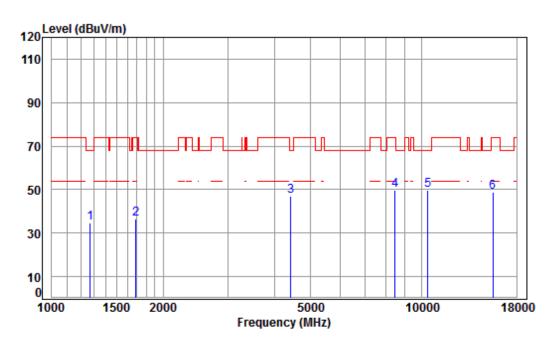


Condi Job N Mode			-						
	: Ant	1+2 5	G WIFI	11AC C	H36				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1206.682	4.44	24.51	41.19	47.24	35.00	74.00	-39.00	peak
2	1634.543	5.31	26.40	41.49	47.05	37.27	68.20	-30.93	peak
3	4379.699	7.43	33.60	42.40	48.27	46.90	74.00	-27.10	peak
4 pp	7015.420	10.13	36.49	40.84	44.33	50.11	68.20	-18.09	peak
5	10360.000	11.19	37.24	37.45	37.53	48.51	68.20	-19.69	peak
6	15540.000	14.30	41.38	39.00	32.84	49.52	74.00	-24.48	peak



Report No.: SZEM171201293902 Page: 283 of 817

Test mode:802.11ac(HT20)Frequency(MHz):5180PeakHorizontal



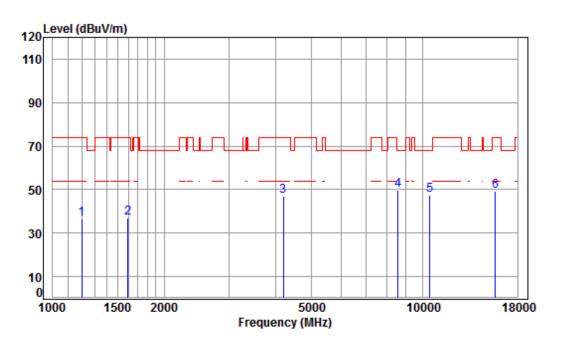
Condi	tion: 3m	HORIZO	NTAL						
Job No	o : 293	9RG							
Mode	: 518	0 TX	RSE						
	: Ant	1+2 5	G WIFI	11AC (H36				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	4.69	24.82	41.24	46.41	34.68	68.20	-33.52	peak

2	1687.347	5.24	26.62	41.52	46.04	36.38	74.00 -37.62 peak	
3	4417.841	7.47	33.60	42.40	48.55	47.22	68.20 -20.98 peak	
4	8465.379	10.25	36.04	39.44	43.03	49.88	74.00 -24.12 peak	
5	pp10360.000	11.19	37.24	37.45	38.56	49.54	68.20 -18.66 peak	
6	15540.000	14.30	41.38	39.00	32.36	49.04	74.00 -24.96 peak	



Report No.: SZEM171201293902 Page: 284 of 817

Test mode: 802.11ac(HT20) Frequency(MHz):	5220	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode : 52

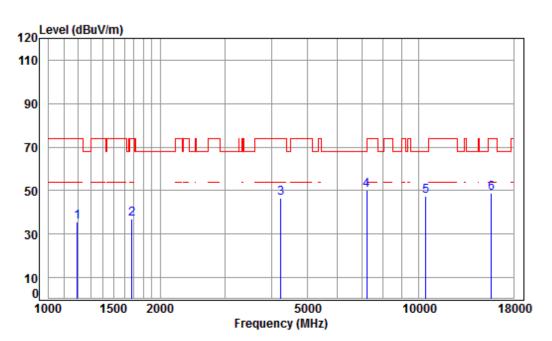
: 5220 TX RSE : Ant 1+2 5G WIFI 11AC CH44

		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	1199.726	4.42	24.48	41.18	48.78	36.50	74.00	-37.50	peak
2	1597.181	5.35	26.24	41.47	46.83	36.95	74.00	-37.05	peak
3	4193.872	7.21	33.60	42.36	48.36	46.81	74.00	-27.19	peak
4	pp 8563.818	10.29	36.08	39.28	42.79	49.88	68.20	-18.32	peak
5	10440.000	11.25	37.16	37.51	36.74	47.64	68.20	-20.56	peak
6	15660.000	14.48	41.34	39.11	32.54	49.25	74.00	-24.75	peak



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Test mode: 802.11ac(HT20) Frequency(MHz): 5220 Peak Horizont
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Job N	tion: 3m H o : 2939 : 5220	9RG							
	: Ant	1+2 50	G WIFI	11AC C	H44				
		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	1196.264	4.40	24.46	41.18	47.75	35.43	74.00	-38.57	peak
2	1677.621	5.25	26.58	41.52	46.47	36.78	74.00	-37.22	peak
3	4230.396	7.26	33.60	42.37	48.20	46.69	74.00	-27.31	peak

10440.000 11.25 37.16 37.51 36.71 47.61 68.20 -20.59 peak 15660.000 14.48 41.34 39.11 32.22 48.93 74.00 -25.07 peak

4 pp 7221.150 10.07

5

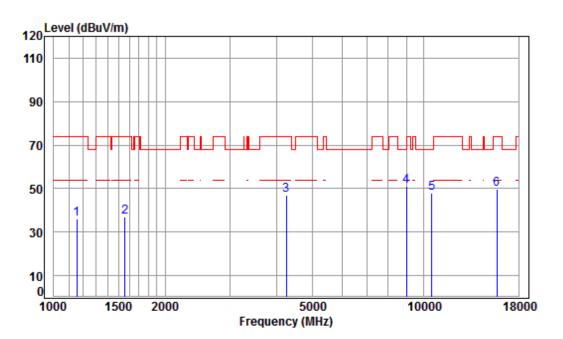
6

36.41 40.70 44.23 50.01 68.20 -18.19 peak



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Test mode: 802.11ac(HT20) Frequency(MHz):	5240	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode :

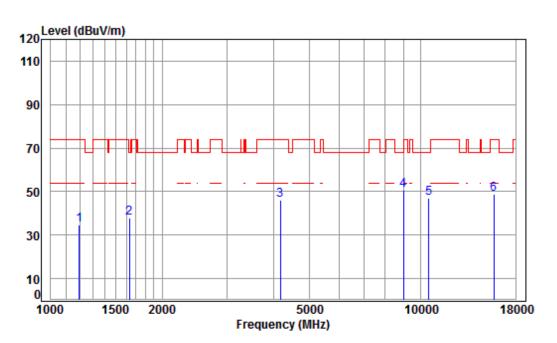
: 5240 TX RSE : Ant 1+2 5G WIFI 11AC CH48

		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	1155.483	4.24	24.26	41.14	48.59	35.95	74.00	-38.05	peak
2	1556.169	5.41	26.06	41.44	47.03	37.06	74.00	-36.94	peak
3	4254.921	7.28	33.60	42.37	48.46	46.97	74.00	-27.03	peak
4	pp 8969.161	10.39	36.56	38.66	42.99	51.28	68.20	-16.92	peak
5	10480.000	11.28	37.12	37.53	36.98	47.85	68.20	-20.35	peak
6	15720.000	14.57	41.31	39.17	32.82	49.53	74.00	-24.47	peak



Report No.: SZEM171201293902 Page: 287 of 817

Test mode: 802.11ac(HT20) Frequency(MHz):	5240	Peak	Horizontal
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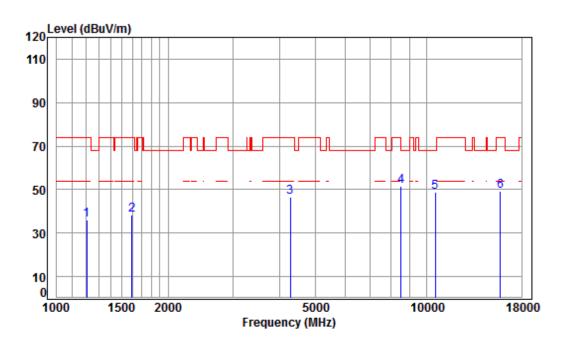
	tion: 3m o : 293		NTAL						
Mode	: 524	0 тх	RSE						
	: Ant	1+2 5	G WIFI	11AC (CH48				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MLI					dD. M/m	dD. M/m		
	MHz	dB	ab/m	dB	abuv	abuv/m	abuv/m	dB	
1	1196.264	4.40	24.46	41.18	46.82	34.50	74.00	-39.50	peak

1	1196.264	4.40	24.46	41.18	46.82	34.50	74.00 -39.50 peak
2	1634.543	5.31	26.40	41.49	47.50	37.72	68.20 -30.48 peak
3	4169.698	7.18	33.60	42.36	47.85	46.27	74.00 -27.73 peak
4	op 8969.161	10.39	36.56	38.66	42.17	50.46	68.20 -17.74 peak
5	10480.000	11.28	37.12	37.53	36.23	47.10	68.20 -21.10 peak
6	15720.000	14.57	41.31	39.17	31.98	48.69	74.00 -25.31 peak



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Test mode: 802.11ac(HT20) Frequency(MHz):	5260	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Μ	0	d	e			

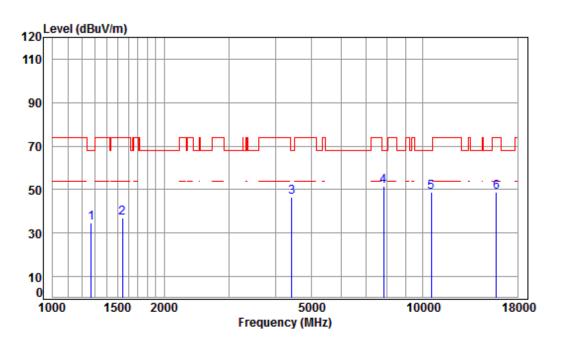
: 5260 TX RSE : Ant 1+2 5G WIFI 11AC CH52

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1206.682	4.44	24.51	41.19	48.27	36.03	74.00	-37.97	peak
2	1597.181	5.35	26.24	41.47	47.99	38.11	74.00	-35.89	peak
3	4279.589	7.31	33.60	42.38	47.99	46.52	74.00	-27.48	peak
4 p	op 8514.456	10.27	36.02	39.36	44.53	51.46	68.20	-16.74	peak
5	10520.000	11.30	37.12	37.56	37.84	48.70	68.20	-19.50	peak
6	15780.000	14.66	41.29	39.22	32.61	49.34	74.00	-24.66	peak



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Test mode:802.11ac(HT20)Frequency(MHz):5260PeakHorizon
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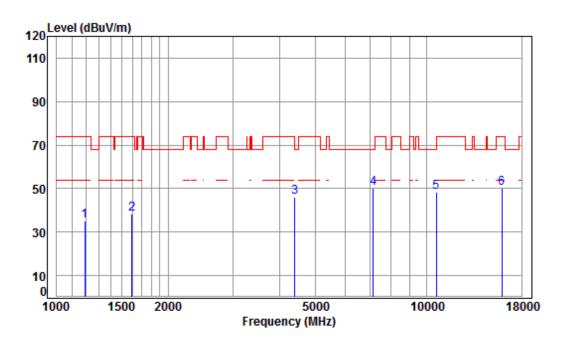
Condit	tion: 3m	HORIZO	NTAL						
Job No	: 293	9RG							
Mode	: 526	0 ТХ І	RSE						
	: Ant	1+2 50	G WIFI	11AC C	H52				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	4.69	24.82	41.24	46.37	34.64	68.20	-33.56	peak

			68.20 -33.56 peak
			74.00 -37.00 peak
			68.20 -21.82 peak 68.20 -16.50 peak
			68.20 -19.15 peak
			74.00 -25.14 peak



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Test mode:802.11ac(HT20)Frequency(MHz):5300PeakVertical



tion: 3m \	VERTIC	4L						
o : 2939	9RG							
: 530	этх і	RSE						
: Ant	1+2 50	G WIFI	11AC C	H60				
	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	
1192.811	4.39	24.44	41.18	47.26	34.91	74.00	-39.09	peak
1597.181	5.35	26.24	41.47	48.30	38.42	74.00	-35.58	peak
4392.376	7.44	33.60	42.40	47.60	46.24	74.00	-27.76	peak
7158.806	10.09	36.43	40.74	44.62	50.40	68.20	-17.80	peak
10600.000	11.36	37.22	37.62	37.51	48.47	68.20	-19.73	peak
15900.000	14.84	41.24	39.33	33.22	49.97	74.00	-24.03	peak
	o : 2939 : 5300 : Ant Freq MHz 1192.811 1597.181 4392.376 7158.806 10600.000	o : 2939RG : 5300 TX = : Ant 1+2 50 Cable Freq Loss MHz dB 1192.811 4.39 1597.181 5.35 4392.376 7.44 o 7158.806 10.09 10600.000 11.36	: 5300 TX RSE : Ant 1+2 5G WIFI Cable Ant Freq Loss Factor MHz dB dB/m 1192.811 4.39 24.44 1597.181 5.35 26.24 4392.376 7.44 33.60 0 7158.806 10.09 36.43 10600.000 11.36 37.22	o : 2939RG : 5300 TX RSE : Ant 1+2 5G WIFI 11AC C Cable Ant Preamp Freq Loss Factor Factor MHz dB dB/m dB 1192.811 4.39 24.44 41.18 1597.181 5.35 26.24 41.47 4392.376 7.44 33.60 42.40 o 7158.806 10.09 36.43 40.74 10600.000 11.36 37.22 37.62	o : 2939RG : 5300 TX RSE : Ant 1+2 5G WIFI 11AC CH60 Cable Ant Preamp Read Freq Loss Factor Factor Level MHz dB dB/m dB dBuV 1192.811 4.39 24.44 41.18 47.26 1597.181 5.35 26.24 41.47 48.30 4392.376 7.44 33.60 42.40 47.60 o 7158.806 10.09 36.43 40.74 44.62 10600.000 11.36 37.22 37.62 37.51	o : 2939RG : 5300 TX RSE : Ant 1+2 5G WIFI 11AC CH60 Cable Ant Preamp Read Freq Loss Factor Factor Level Level MHz dB dB/m dB dBuV dBuV/m 1192.811 4.39 24.44 41.18 47.26 34.91 1597.181 5.35 26.24 41.47 48.30 38.42 4392.376 7.44 33.60 42.40 47.60 46.24 o 7158.806 10.09 36.43 40.74 44.62 50.40 10600.000 11.36 37.22 37.62 37.51 48.47	o : 2939RG : 5300 TX RSE : Ant 1+2 5G WIFI 11AC CH60 Cable Ant Preamp Read Limit Freq Loss Factor Factor Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1192.811 4.39 24.44 41.18 47.26 34.91 74.00 1597.181 5.35 26.24 41.47 48.30 38.42 74.00 4392.376 7.44 33.60 42.40 47.60 46.24 74.00 o 7158.806 10.09 36.43 40.74 44.62 50.40 68.20 10600.000 11.36 37.22 37.62 37.51 48.47 68.20	o : 2939RG : 5300 TX RSE : Ant 1+2 5G WIFI 11AC CH60 Cable Ant Preamp Read Limit Over Freq Loss Factor Factor Level Level Line Limit MHz dB dB/m dB dB/W dBuV/m dBuV/m dBuV/m dB 1192.811 4.39 24.44 41.18 47.26 34.91 74.00 -39.09 1597.181 5.35 26.24 41.47 48.30 38.42 74.00 -35.58 4392.376 7.44 33.60 42.40 47.60 46.24 74.00 -27.76 o 7158.806 10.09 36.43 40.74 44.62 50.40 68.20 -17.80 10600.000 11.36 37.22 37.62 37.51 48.47 68.20 -19.73



4 pp 7852.524

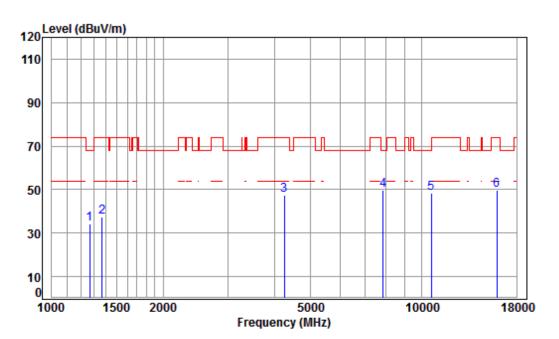
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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Test mode:802.11ac(HT20)Frequency(MHz):530	5300 Peak Horizontal
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Job No	: 5300	ƏRG Ə TX	RSE	11AC C	1460				
	: Ant							~	
		Cable	Ant	Preamp	Kead		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
						,	,		
1	1267.454	4.68	24.80	41.24	46.07	34.31	68.20	-33.89	peak
2	1370.328	5.05	25.26	41.32	48.34	37.33	74.00	-36.67	peak
3	4242.641	7.27	33.60	42.37	48.92	47.42	74.00	-26.58	peak

10600.000 11.36 37.22 37.62 37.23 48.19 68.20 -20.01 peak

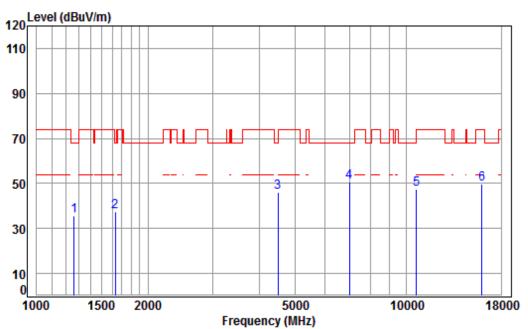
15900.000 14.84 41.24 39.33 33.18 49.93 74.00 -24.07 peak

9.96 36.51 40.29 43.63 49.81 68.20 -18.39 peak



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Test mode: 802.11ac(HT20) Frequency(MHz):	5320	Peak	Vertical
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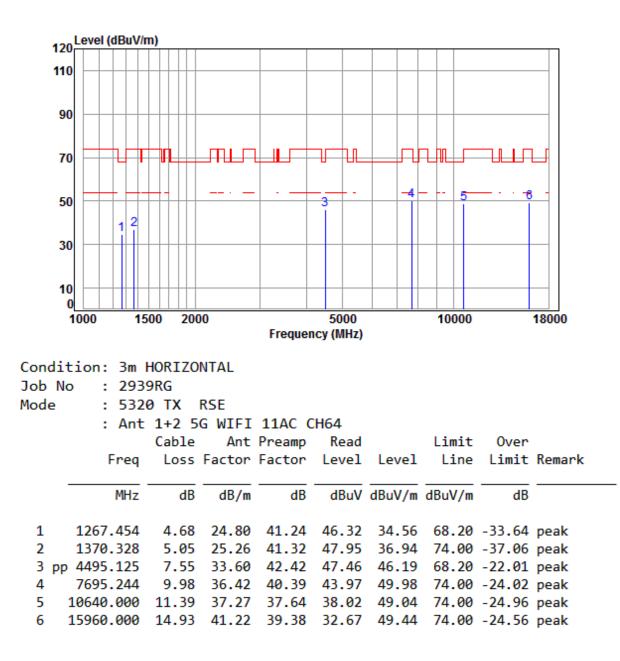


Cond:	ition: 3m	VERTIC	AL						
Job I	No : 2939	9RG							
Mode	: 5320	<u>этх</u> і	RSE						
	: Ant	1+2 50	G WIFI	11AC C	H64				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1263.796	4.66	24.79	41.23	47.18	35.40	68.20	-32.80	peak
2	1634.543	5.31	26.40	41.49	47.03	37.25	68.20	-30.95	peak
3	4495.125	7.55	33.60	42.42	47.39	46.12	68.20	-22.08	peak
4 p	p 7015.420	10.13	36.49	40.84	44.80	50.58	68.20	-17.62	peak
5	10640.000	11.39	37.27	37.64	36.64	47.66	74.00	-26.34	peak
6	15960.000	14.93	41.22	39.38	32.99	49.76	74.00	-24.24	peak



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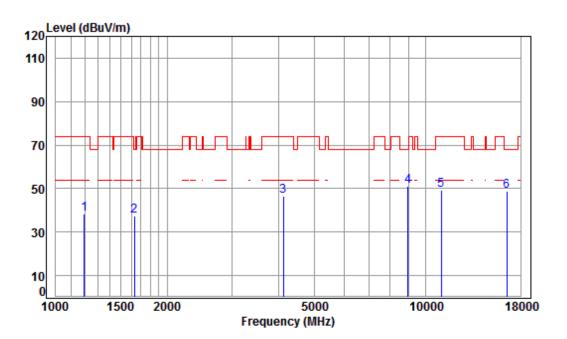
Test mode: 802.11ac(HT20) Frequency(MHz): 5320 Peak Ho	orizontal
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Test mode: 802.11ac(HT20) Frequency(MHz):	5500	Peak	Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode : 55

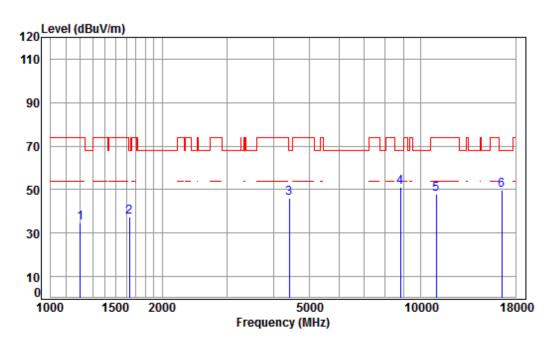
: 5500 TX RSE : Ant 1+2 5G WIFI 11AC CH100

		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	
4	1100 204	4 40	24.46	41 10	EQ 91	20 40	74 00	25 54	la
1	1196.264	4.40	24.40	41.10	20.01	20.49	74.00	-22.21	реак
2	1629.825	5.31	26.38	41.49	47.26	37.46	68.20	-30.74	peak
3	4121.768	7.13	33.60	42.35	47.97	46.35	74.00	-27.65	peak
4	pp 8943.274	10.39	36.53	38.70	42.70	50.92	68.20	-17.28	peak
5	11000.000	11.63	37.70	37.88	37.96	49.41	74.00	-24.59	peak
6	16500.000	14.50	42.70	39.86	31.29	48.63	68.20	-19.57	peak



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Test mode: 802.11ac(HT20) Frequency(MHz): 5500 Peak Horizontal
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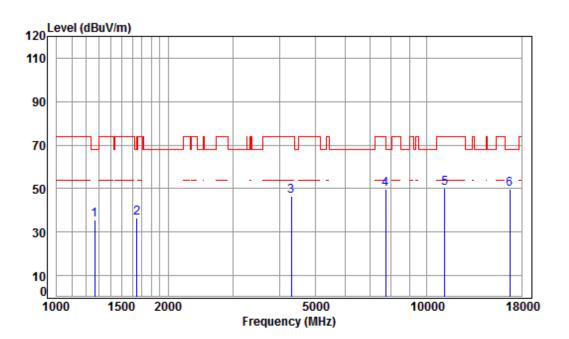
	tion: 3m H		NTAL						
Mode	: 550	отх і	RSE						
	: Ant	1+2 5	G WIFI	11AC C	H100				
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	4.43	24.49	41.19	46.97	34.70	74.00	-39.30	peak

	12001200							p.	
2	1634.543	5.31	26.40	41.49	47.24	37.46	68.20	-30.74 pe	eak
3	4405.090	7.46	33.60	42.40	47.62	46.28	68.20	-21.92 pe	eak
4	pp 8789.516	10.35	36.35	38.93	43.55	51.32	68.20	-16.88 pe	eak
5	11000.000	11.63	37.70	37.88	36.53	47.98	74.00	-26.02 pe	eak
6	16500.000	14.50	42.70	39.86	32.23	49.57	68.20	-18.63 pe	eak



Report No.: SZEM171201293902 Page: 296 of 817

Test mode:802.11ac(HT20)Frequency(MHz):5580Percent for the second sec	Peak Vertical
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Condition:	3m VERTICAL
Job No :	2939RG

Mode

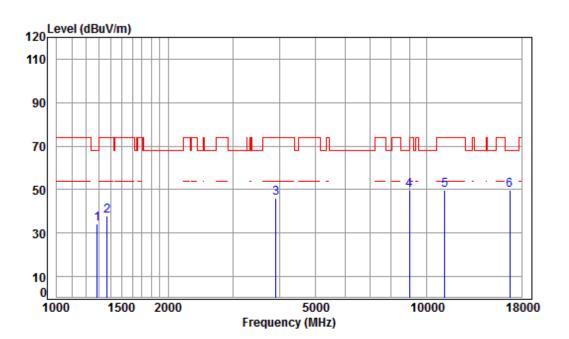
: 5580 TX RSE : Ant 1+2 5G WIFI 11AC CH116

	. Anc	112 0	C WILL	TIAC C	1110				
		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	1267.454	4.68	24.80	41.24	47.48	35.72	68.20	-32.48	peak
2	1648.778	5.29	26.46	41.50	46.18	36.43	68.20	-31.77	peak
3	4304.400	7.34	33.60	42.38	47.90	46.46	74.00	-27.54	peak
4	7739.857	9.98	36.45	40.36	43.78	49.85	74.00	-24.15	peak
5	11160.000	11.80	37.83	37.98	38.34	49.99	74.00	-24.01	peak
6	pp16740.000	15.57	42.75	40.07	31.55	49.80	68.20	-18.40	peak
									•



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Test mode: 802.11ac(HT20) Frequency(MHz): 5580 Peak Horizonta



Condition:	3m HORIZONTAL
Job No :	2939RG
Mode :	5580 TX RSE

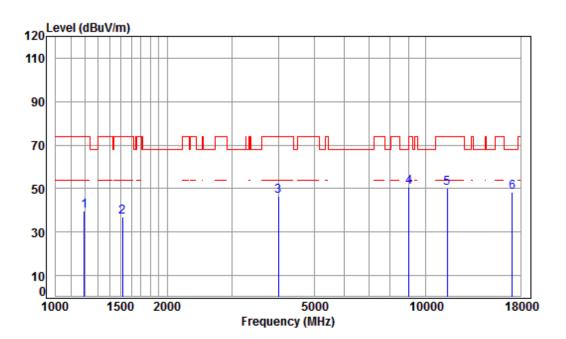
:	Ant	1+2	5G	WIFI	11AC	CH116

		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	1285.904	4.75	24.89	41.25	45.80	34.19	68.20	-34.01	peak
2	1370.328	5.05	25.26	41.32	48.90	37.89	74.00	-36.11	peak
3	3912.809	6.89	33.37	42.31	48.23	46.18	74.00	-27.82	peak
4	8969.161	10.39	36.56	38.66	41.55	49.84	68.20	-18.36	peak
5	11160.000	11.80	37.83	37.98	37.96	49.61	74.00	-24.39	peak
6	pp16740.000	15.57	42.75	40.07	31.62	49.87	68.20	-18.33	peak



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Test mode: 802.11ac(HT20) Frequency(MHz): 5700 Peak Vertica



Condition:	3m VERTICAL
Job No :	2939RG

Mode : !

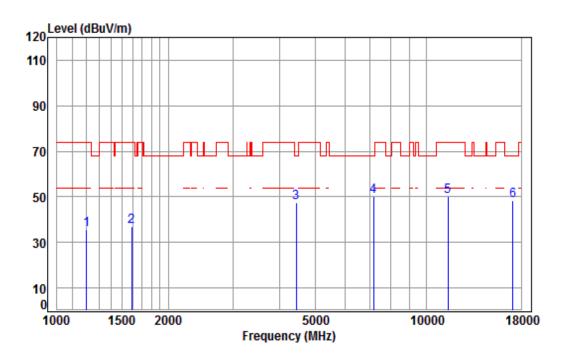
: 5700 TX RSE : Ant 1+2 5G WIFI 11AC CH140

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	4.40	24.46	41.18	52.05	39.73	74.00	-34.27	peak
2	1516.210	5.46	25.87	41.42	46.90	36.81	74.00	-37.19	peak
3	3992.781	6.97	33.58	42.32	48.46	46.69	74.00	-27.31	peak
4	pp 8995.123	10.40	36.59	38.62	42.29	50.66	68.20	-17.54	peak
5	11400.000	12.04	38.02	38.13	38.46	50.39	74.00	-23.61	peak
6	17100.000	16.49	42.92	40.37	29.51	48.55	68.20	-19.65	peak



Report No.: SZEM171201293902 Page: 299 of 817

Test mode: 802.11ac(HT20) Frequency(MHz):	5700	Peak	Horizontal
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Condition	:	3m HORIZONTAL
Job No	:	2939RG
Mode	:	5700 TX RSE

: Ant 1+2 5G WIFI 11AC CH140

		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	1203.199	4.43	24.49	41.19	47.71	35.44	74.00	-38.56	peak
2	1592.571	5.36	26.22	41.47	46.76	36.87	74.00	-37.13	peak
3	4430.628	7.48	33.60	42.41	48.73	47.40	68.20	-20.80	peak
4	pp 7179.527	10.08	36.43	40.73	44.39	50.17	68.20	-18.03	peak
5	11400.000	12.04	38.02	38.13	38.20	50.13	74.00	-23.87	peak
6	17100.000	16.49	42.92	40.37	29.50	48.54	68.20	-19.66	peak



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Test mode:802.11ac(HT20)Frequency(MHz):5745PeakVertical

