ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT

CLASS II PC REPORT

OF

FCC Applicant:	Framework Computer Inc 1870 Ogden Dr, Burlingame, CA, 94010
Product Name:	Intel WiFi 6 AX201
Brand Name:	Framework
Model No.:	AX201NGW
Model Difference:	N/A
Report Number:	ER/2021/40089
FCC ID	2AZR6-FRANBBAT16
IC:	27217-FRANBBAT16
FCC Rule Part:	§15.407, Cat: U-NII
IC RSS:	RSS-247 issue 2 Feb. 2017
Issue Date:	June 28, 2021
Date of Test:	April 29, 2021- June 25, 2021
Date of EUT Received:	April 29, 2021

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10: 2013 and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits.

The test results of this report relate only to the tested sample identified in this report.

Approved By: Jim Chang

Jim Chang / Manager

Testing Laboratory
3702

Revision History				
Report Number	**Revision**	**Description**	**Issue Date**	**Revised By**
ER/2021/40089	Rev.00	Original.	June 28, 2021	Viola Su

Note:

1、 Antenna information is provided by the applicant, test results of this report are applicable to the sample EUT received.

Contents

1 GENERAL INFORMATION

1.1 Product Description

Product Name of Host:	Portable Computer
Brand Name of Host:	Framework
Marketing Name of Host:	Framework Laptop
Model No. of Host:	FRANBP0000
Hardware Version:	N/A
Software Version:	N/A
Model No. of BT/WLAN Module:	AX201NGW
Scope:	AX201NGW INSTALLED IN Notebook Computer
Class II & Class IV Permissive change:	The test report covers the radiated emissions requirements of the standards referenced in the report to allow system level approval of the module in this specific host.
EUT Series No.:	DDA03753-34E0-40BF-BE28-7768D36EEDC1
Power Supply:	17.6V DC from rechargeable Li-ion battery or 5.0V=3.0A 15.0W, 9.0V=3.0A 27.0W, 15.0V=3.0A 45.0W,20.0V=3.0A 60.0W from adapter.

1.2 Modulation & Data Rate

Modulation type:	64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 802.11ac only 1024QAM for OFDMA in 802.11ax only
Transistion Rate	802.11 a: 6.5 – 54 Mbps 802.11 n_20MHz: 6.5 – 144.4Mbps 802.11 n_40MHz: 13.5 – 300.0Mbps 802.11 ac_80MHz: 29.3 – 866.6Mbps 802.11 ax_20MHz: 8.6 – 286.8Mbps 802.11 ax_40MHz: 17.2 – 573.5Mbps 802.11 ax_80MHz: 36.0 – 1201Mbps

1.3 Antenna Designation

Antenna Type	Supplier	Main / Aux	Antenna Part No.	Freq. (MHz)	Peak Antenna Gain (dBi)	Worst Antenna Gain
PIFA	WNC	Main	025.901VE.0001	5150~5250	1.880	
				5250~5350	2.273	**V**
				5470~5725	2.273	**V**
				5725~5850	2.197	**V**
		Aux	025.901VF.0001	5150~5250	2.097	**V**
				5250~5350	2.097	
				5470~5725	1.966	
				5725~5850	1.337	
Note: Investigation has been done to determine the worst case scenario for the above antennas demonstrated with measurements in this report.						

1.4 Test Methodology of Applied Standards

FCC Part 15, Subpart E §15.407
FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01
FCC KDB 662911 D01 Multiple Transmitter Output v02r01
RSS-247 issue 2 Feb. 2017
RSS-Gen Issue 5, Amendment 2, February 2021
ANSI C63.10:2013

1.5 Test Facility

Laboratory		Test Site Address	FCC Designation number	IC CAB identifier
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	☒	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan.	TW0027	TW3702
	☐	No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333	TW0028	

1.6 Special Accessories

There are no special accessories used while test was conducted.

1.7 Equipment Modifications

There was no modification incorporated into the EUT.

2 SYSTEM TEST CONFIGURATION

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

An engineering test mode (software/firmware) that applicant provided was utilized to manipulate the EUT into transmit, selection of the test channel, and modulation scheme.

2.3 Test Procedure

2.3.1 Radiated Emissions

The EUT is a placed on a turn table. For emissions testing at or below 1 GHz, the table height shall be 0.8 m above the reference ground plane. For emission measurements above 1 GHz, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made “while keeping the antenna in the ‘cone of radiation’ from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response.” is still within the 3dB illumination BW of the measurement antenna.

2.4 Measurement Results Explanation Example

2.4.1 Radiated Emission Test Sites

For Measurements From 9 kHz To 30 MHz

Radiated emission below 30MHz is measured in a 9m*9m*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site. There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

2.5 Configuration of Tested System

Fig. 2-1 Radiated Emission Configuration

Table 2-1 Equipment Used in Tested System

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Version
1.	DRTU	N/A	N/A	N/A	21.350120.0.0-01117

3 SUMMARY OF TEST RESULT

FCC Rules	Description Of Test	Result
§15.205 §15.209 §15.407(b)	Undesirable Radiated Emissions	Compliant

4 DESCRIPTION OF TEST MODES

4.1 Operating in U-NII Bands

Operated band in 5150 MHz ~5250 MHz:

20 M		40 M		80 M	
CH	Freq (MHz)	CH	Freq (MHz)	CH	Freq (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

Operated band in 5250 MHz ~5350 MHz:

20 M		40 M		80 M		160 M	
CH	Freq (MHz)	CH	Freq (MHz)	CH	Freq (MHz)	CH	Freq (MHz)
52	5260	54	5270	58	5290	50	5250
56	5280	62	5310				
60	5300						
64	5320						

Operated band in 5470 MHz ~5725 MHz:

20 M		40 M		80 M		160 M	
CH	Freq (MHz)	CH	Freq (MHz)	CH	Freq (MHz)	CH	Freq (MHz)
100	5500	102	5510	106	5530	114	5570
104	5520	110	5550	122	5610		
108	5540	118	5590	138	5690		
112	5560	126	5630				
116	5580	134	5670				
120	5600						
124	5620						
128	5640						
132	5660						
136	5680						
140	5700						

Operated band in 5745 MHz ~5850 MHz:

20 M		40 M		80 M	
CH	Freq (MHz)	CH	Freq (MHz)	CH	Freq (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

4.2 The Worst Test Modes and Channel Details

1. The EUT has been tested under operating condition.
2. Test program used to control the EUT for staying in continuous transmitting mode is programmed.
3. Investigation has been done on all the possible configurations for searching the worst case. The gevin UE is pre-scanned among below modes.

Modulation	Transmission Chain				Single Transmission Spatial	Multiple Transmission Spatial
☒ 802.11 a	☒ Ch0	☒ Ch1	☐ Ch2	☐ Ch3	☐ 1TX	☒ 2TX
☒ 802.11 n	☒ Ch0	☒ Ch1	☐ Ch2	☐ Ch3	☐ SISO	☒ MIMO
☒ 802.11 ac	☒ Ch0	☒ Ch1	☐ Ch2	☐ Ch3	☐ SISO	☒ MIMO
☒ 802.11 ax	☒ Ch0	☒ Ch1	☐ Ch2	☐ Ch3	☐ SISO	☒ MIMO

4. Observations have been done for 802.11 ax available RU configurations below and found that the lowest, heighest and Full RU results higher emissions.
Only one RU can be enabled at any given time.

802.11ax	20MHz			
RU type	26-tone RU		52-tone RU	
RU index and subcarrier range	RU0	[-121: -96]	RU37	[-121: -70]
	RU1	[-95: -70]	RU38	[-68: -17]
	RU2	[-68: -43]	RU39	[17: 68]
	RU3	[-42: -17]	RU40	[70: 121]
	RU4	[-16: -4, 4: 16]	RU41	N/A
	RU5	[17: 42]	RU42	N/A
	RU6	[43: 68]	RU43	N/A
	RU7	[70: 95]	RU44	N/A
	RU8	[96: 121]	RU45	N/A
	RU9	N/A	RU46	N/A
	RU10	N/A	RU47	N/A
	RU11	N/A	RU48	N/A
	RU12	N/A	RU49	N/A
	RU13	N/A	RU50	N/A
	RU14	N/A	RU51	N/A
	RU15	N/A	RU52	N/A
	RU16	N/A		
	RU17	N/A	106-tone RU	
	RU18	N/A	RU53	[-122: -17]
	RU19	N/A	RU54	[17: 122]
	RU20	N/A	RU55	N/A
	RU21	N/A	RU56	N/A
	RU22	N/A	RU57	N/A
	RU23	N/A	RU58	N/A
	RU24	N/A	RU59	N/A
	RU25	N/A	RU60	N/A
	RU26	N/A		
	RU27	N/A	242-tone RU	
	RU28	N/A	RU61	[-122: -2, 2:122]
	RU29	N/A	RU62	N/A
	RU30	N/A	RU63	N/A
	RU31	N/A	RU64	N/A
	RU32	N/A		
	RU33	N/A		
	RU34	N/A		
	RU35	N/A		
	RU36	N/A		

802.11ax	40MHz			
RU type	26-tone RU		52-tone RU	
RU index and subcarrier range	RU0	[-243: -218]	RU37	[-243: -192]
	RU1	[-217: -192]	RU38	[-189: -138]
	RU2	[-189: -164]	RU39	[-109: -58]
	RU3	[-163: -138]	RU40	[-55: -4]
	RU4	[-136: -111]	RU41	[4: 55]
	RU5	[-109: -84]	RU42	[58: 109]
	RU6	[-83: -58]	RU43	[138: 189]
	RU7	[-55: -30]	RU44	[192: 243]
	RU8	[-29: -4]	RU45	N/A
	RU9	[4: 29]	RU46	N/A
	RU10	[30: 55]	RU47	N/A
	RU11	[58: 83]	RU48	N/A
	RU12	[84: 109]	RU49	N/A
	RU13	[111: 136]	RU50	N/A
	RU14	[138: 163]	RU51	N/A
	RU15	[164: 189]	RU52	N/A
	RU16	[192: 217]		
	RU17	[218: 243]	106-tone RU	
	RU18	N/A	RU53	[-243: -138]
	RU19	N/A	RU54	[-109: -4]
	RU20	N/A	RU55	[4: 109]
	RU21	N/A	RU56	[138: 243]
	RU22	N/A	RU57	N/A
	RU23	N/A	RU58	N/A
	RU24	N/A	RU59	N/A
	RU25	N/A	RU60	N/A
	RU26	N/A		
	RU27	N/A	242-tone RU	
	RU28	N/A	RU61	[-244: -3]
	RU29	N/A	RU62	[3: 244]
	RU30	N/A	RU63	N/A
	RU31	N/A	RU64	N/A
	RU32	N/A		
	RU33	N/A	484-tone RU	
	RU34	N/A	RU65	[-244: -3, 3: 244]
	RU35	N/A	RU66	N/A
	RU36	N/A		

802.11ax	80MHz			
RU type	26-tone RU		52-tone RU	
RU index and subcarrier range	RU0	[-499: -474]	RU37	[-499: -448]
	RU1	[-473: -448]	RU38	[-445: -394]
	RU2	[-445: -420]	RU39	[-365: -314]
	RU3	[-419: -394]	RU40	[-311: -260]
	RU4	[-392: -367]	RU41	[-257: -206]
	RU5	[-365: -340]	RU42	[-203: -152]
	RU6	[-339: -314]	RU43	[-123: -72]
	RU7	[-311: -286]	RU44	[-69: -18]
	RU8	[-285: -260]	RU45	[18: 69]
	RU9	[-257: -232]	RU46	[72: 123]
	RU10	[-231: -206]	RU47	[152: 203]
	RU11	[-203: -178]	RU48	[206: 257]
	RU12	[-177: -152]	RU49	[260: 311]
	RU13	[-150: -125]	RU50	[314: 365]
	RU14	[-123: -98]	RU51	[394: 445]
	RU15	[-97: -72]	RU52	[448: 499]
	RU16	[-69: -44]	106-tone RU	
	RU17	[-43: -18]	RU53	[-499: -394]
	RU18	[-16: -4, 4: 16]	RU54	[-365: -260]
	RU19	[18: 43]	RU55	[-257: -152]
	RU20	[44: 69]	RU56	[-123: -18]
	RU21	[72: 97]	RU57	[18: 123]
	RU22	[98: 123]	RU58	[152: 257]
	RU23	[125: 150]	RU59	[260: 365]
	RU24	[152: 177]	RU60	[394: 499]
	RU25	[178: 203]	242-tone RU	
	RU26	[206: 231]	RU61	[-500: -259]
	RU27	[232: 257]	RU62	[-258: -17]
	RU28	[260: 285]	RU63	[17: 258]
	RU29	[286: 311]	RU64	[259: 500]
	RU30	[314: 339]	484-tone RU	
	RU31	[340: 365]	RU65	[-500: -17]
	RU32	[367: 392]	RU66	[17: 500]
	RU33	[394: 419]	996-tone RU	
	RU34	[420: 445]	RU67	[-500: -3, 3: 500]
	RU35	[448: 473]		
	RU36	[474: 499]		

5. Therefore, below summary is the modes of test configuration that yield the highest reading and generate the highest emission chosen to carry out the relevantly mandatory test items.

4.2.1 RADIATED EMISSION TEST:

RADIATED EMISSION TEST (BELOW 1 GHz)						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11a	5180~5240	36 to 48	44	OFDM	6	2TX
	5260~5320	52 to 64	56			
	5500~5700	100 to 140	120			
	5745~5825	149 to 165	157			
802.11ax_HE160	5250	50	50	OFDMA	MCS0	MIMO
	5570	114	114			

RADIATED EMISSION TEST (ABOVE 1 GHz)						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11a	5180~5240	36 to 48	36,44,48	OFDM	6	2TX
	5260~5320	52 to 64	52,56,64			
	5500~5700	100 to 140	100,120,140			
	5745~5825	149 to 165	149,157,165			
802.11n_HT20	5180~5240	36 to 48	36,44,48	OFDM	MCS8	MIMO
	5260~5320	52 to 64	52,56,64			
	5500~5700	100 to 140	100,120,140			
	5745~5825	149 to 165	149,157,165			
802.11n_HT40	5190~5230	38 to 46	38,46	OFDM	MCS8	MIMO
	5270~5310	54 to 62	54,62			
	5510~5670	102 to 134	102,110,134			
	5755~5795	151 to 159	151,159			
802.11ac_VHT80	5210	42	42	OFDM	MCS0	MIMO
	5290	58	58			
	5530~5610	106 to 122	106,122			
	5775	155	155			
802.11ac_VHT160	5250	50	50	OFDM	MCS0	MIMO
	5570	114	114			

RADIATED EMISSION TEST (ABOVE 1 GHz)							
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	RU CONFIGURATIO	DATA RATE (Mbps)	ANTENNA PORT
802.11ax_HE20	5180~5240	36 to 48	36,44,48	OFDMA	FULL RU	MCS0	MIMO
	5260~5320	52 to 64	52,56,64				
	5500~5700	100 to 140	100,116,140				
	5745~5825	149 to 165	149,157,165				
802.11ax_HE40	5190~5230	38 to 46	38,46	OFDMA	FULL RU	MCS0	MIMO
	5270~5310	54 to 62	54,62				
	5510~5670	102 to 134	102,110,134				
	5755~5795	151 to 159	151,159				
802.11ax_HE80	5210	42	42	OFDMA	FULL RU	MCS0	MIMO
	5290	58	58				
	5530~5610	106 to 122	106,122				
	5775	155	155				
802.11ax_HE8160	5250	50	50	OFDMA	FULL RU	MCS0	MIMO
	5570	114	114				

5 MEASUREMENT UNCERTAINTY

Test Items	Uncertainty
AC Power Line Conducted Emission	+/- 2.34 dB
26dB & 6dB Emission Bandwidth	+/- 1.54 Hz
The Maximum Output Power Measurement	+/- 1 dB
Peak Power Spectral Density Measurement	+/- 1.54 dB
Frequency Stability	+/- 1.54 Hz
Temperature	+/- 0.4 °C
Humidity	+/- 3.5 %
DC / AC Power Source	DC= +/- 1%, AC=+/- 1%

Radiated Spurious Emission Measurement Uncertainty			
Polarization: Vertical	+/- 2.64 dB		9kHz~30MHz: +-2.3dB
	+/- 4.93 dB		30MHz - 1000MHz: +/- 3.37dB
	+/- 4.81 dB		1GHz - 18GHz: +/- 4.04dB
	+/- 4.52 dB		18GHz - 40GHz: +/- 4.04dB
Polarization: Horizontal	+/- 2.64 dB		9kHz~30MHz: +-2.3dB
	+/- 4.45 dB		30MHz - 1000MHz: +/- 4.22dB
	+/- 4.81 dB		1GHz - 18GHz: +/- 4.08dB
	+/- 4.52 dB		18GHz - 40GHz: +/- 4.08dB

Note:

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
2. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

6 UNDESIRABLE RADIATED EMISSION MEASUREMENT

6.1 Standard Applicable

6.1.1 Band Edge

The maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

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

2. For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

APPLICABLE TO	EIRP LIMIT	FIELD STRENGTH AT 3m
15.407(b)(1) RSS-247 §6.2.1.2	PK: -27 (dBm/MHz)	PK: 68.3 (dBμV/m)
15.407(b)(2) RSS-247 §6.2.2.2		
15.407(b)(3) RSS-247 §6.2.3.2		
15.407(b)(4)(i) RSS-247 §6.2.4.2	PK:-27 (dBm/MHz) *1 PK:10 (dBm/MHz) *2 PK:15.6 (dBm/MHz) *3 PK:27 (dBm/MHz) *4	PK: 68.2(dBμV/m) *1 PK:105.2 (dBμV/m) *2 PK: 110.8(dBμV/m) *3 PK:122.2 (dBμV/m) *4
*1 beyond 75 MHz or more above of the bandedge. *2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above. *3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above. *4 from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.		

*EIRP = ((E*d)^2) / 30, where E is the field in V/m, d is the measurement distance (3m), EIRP is the equivalent isotropically radiated power in Watts.*

6.1.2 Spurious Emission

Unwanted spurious emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table:

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

Note:

1. *The lower limit shall apply at the transition frequencies.*
2. *Emission level (dBμV/m) = 20 log Emission level (μV/m)*

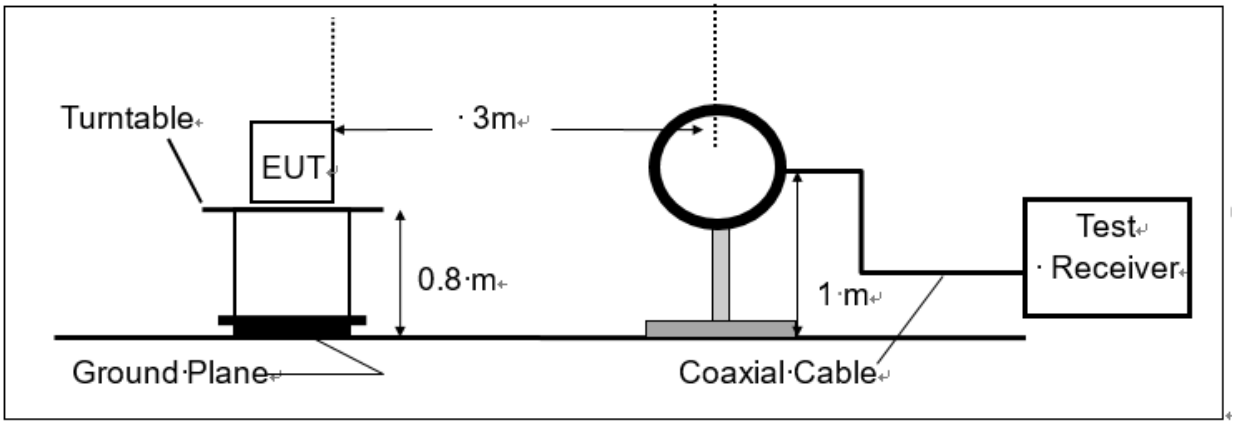
6.2 Measurement Equipment Used

Radiated Emission Test Site: SAC 3					
EQUIPMENT TYPE	**MFR/BRAND**	**MODEL NUMBER**	**SERIAL NUMBER**	**LAST CAL.**	**CAL DUE.**
Horn Antenna	Schwarzbeck	BBHA9170	184	12/11/2020	12/10/2021
Horn Antenna	Schwarzbeck	BBHA9120D	1441	10/16/2020	10/15/2021
Bi-log Antenna	SCHWAZBECK	VULB9168	378	08/06/2020	08/05/2021
Loop Antenna	ETS.LINDGREN	6502	148045	10/19/2020	10/18/2021
PXA Spectrum Analyzer	Agilent	N9030A	MY53120760	04/27/2021	04/26/2022
EMI Test Receiver	R&S	ESCI 7	100759	07/13/2020	07/12/2021
Pre-Amplifier	HP	8449B	3008A00578	12/16/2020	12/15/2021
Pre-Amplifier	EMC Instruments	EMC184045B	980135	10/27/2020	10/26/2021
Pre-Amplifier	HP	8447D	2944A07676	12/16/2020	12/15/2021
Attenuator	Mini-Circuit	BW-S10W2+	4	12/16/2020	12/15/2021
Filter 5150-5350 MHz	Micro-Tronics	BRM50703	1	12/16/2020	12/15/2021
Filter 5470-5725 MHz	Micro-Tronics	BRM50704	1	12/16/2020	12/15/2021
Filter 5725-5875 MHz	Micro-Tronics	BRM50705	1	12/16/2020	12/15/2021
High Pass Filter	WI	WHKX7.0/18G-8SS	45	12/16/2020	12/15/2021
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY2636/2	12/16/2020	12/15/2021
Coaxial Cable	Huber Suhner	SUCOFLEX 104	340057/4	12/16/2020	12/15/2021
Coaxial Cable	Huber Suhner	SUCOFLEX 104PEA	800052/2	12/16/2020	12/15/2021
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY2621/2	12/16/2020	12/15/2021
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY2617/2	12/16/2020	12/15/2021
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY2630/2	12/16/2020	12/15/2021
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY22962/2	12/16/2020	12/15/2021
Site Cal	SGS	SAC III chamber	N/A	01/01/2021	12/31/2021
Test Software	audix	e3	Ver. 6.11-20180413	N.C.R	N.C.R

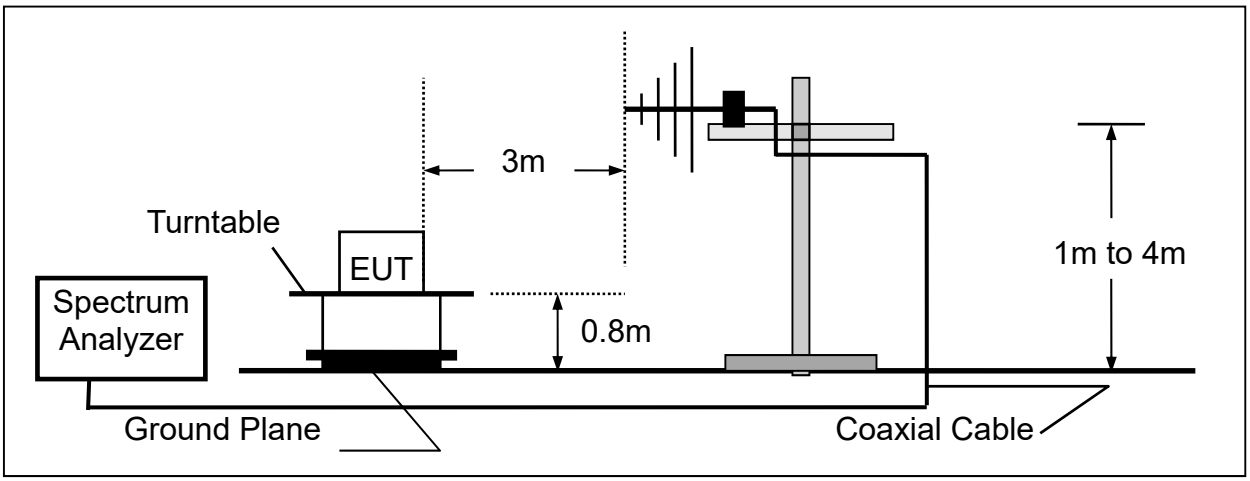
NOTE: *N.C.R refers to Not Calibrated Required.*

6.3 Test SET-UP

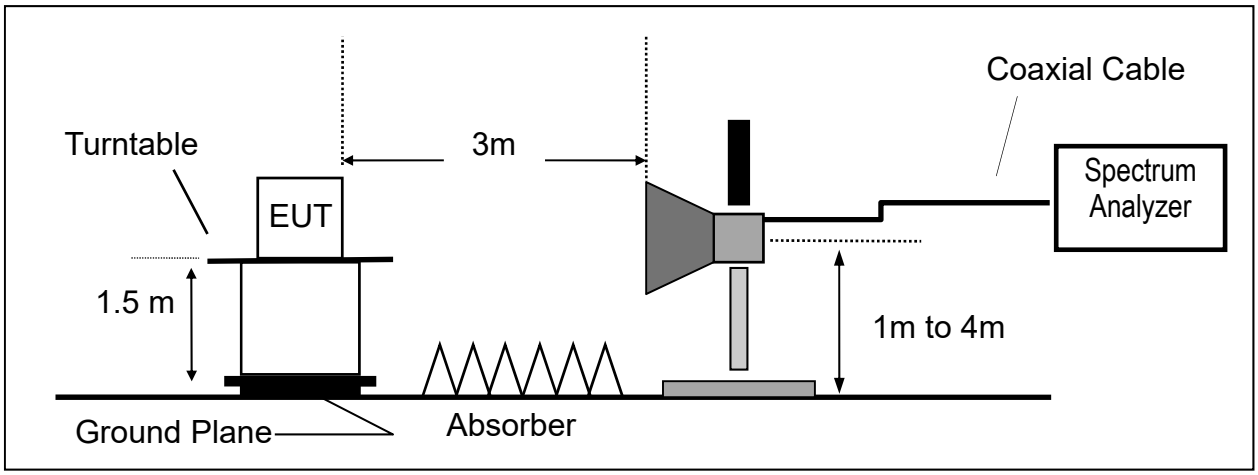
(A) Radiated Emission Test Set-UP Frequency Below 30MHz.



(B) Radiated Emission Test Set-Up, Frequency form 30MHz to 1000MHz



(C) Radiated Emission Test Set-UP Frequency Over 1 GHz



6.4 Measurement Procedure

1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. The EUT was placed on a turn table with 0.8m for frequency< 1GHz and 1.5m for frequency> 1GHz above ground plane.
4. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
5. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
6. Set the spectrum analyzer as RBW=120 kHz and VBW=300 kHz for Peak Detector (PK) and Quasi-peak (QP) at frequency below 1 GHz.
7. At frequency above 1 GHz, Set the spectrum analyzer:
   A. RBW=1 MHz, VBW=3 MHz for **Peak** Detector.
   B. Set the spectrum analyzer as RBW=1 MHz, VBW=10 Hz (Duty cycle > 98%) or VBW ≥ 1/T (Duty cycle < 98%) for **Average** Detector.
8. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
9. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
10. Repeat above procedures until all frequency measured were complete.

6.5 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS = RA + AF + CL – AG

Where *FS = Field Strength* *CL = Cable Attenuation Factor (Cable Loss)*
RA = Reading Amplitude *AG = Amplifier Gain*
AF = Antenna Factor

*The limit of the emission level is expressed in dBuV/m, which converts 20*log(uV/m)*

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre_Amplifier Gain(dB)

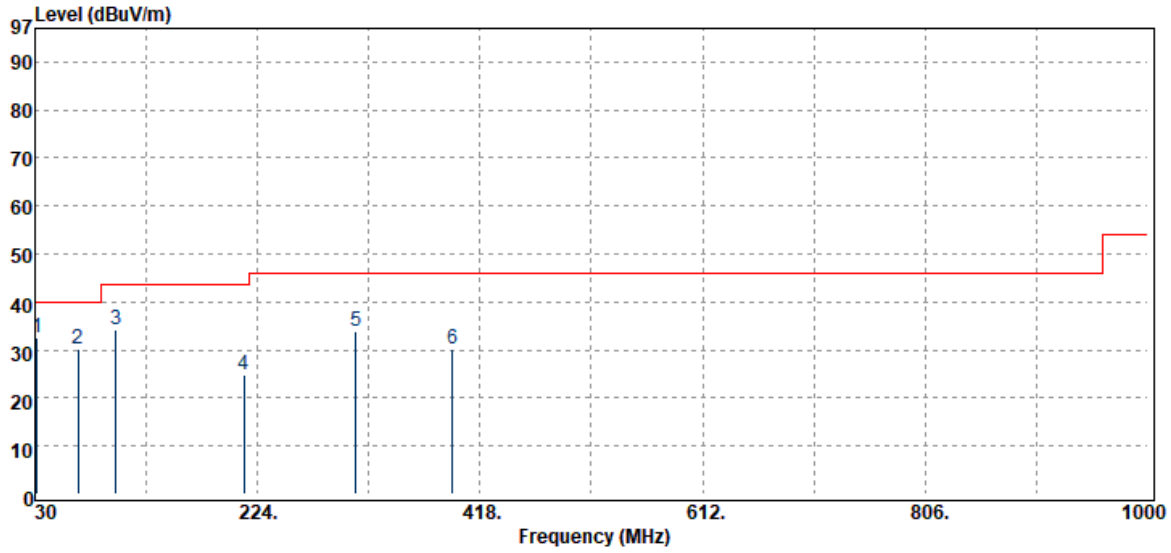
6.6 Test Results of Radiated Spurious Emissions form 9 KHz to 30 MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit per 15.31(o) was not reported.

6.7 Radiated Spurious Emission Measurement Result

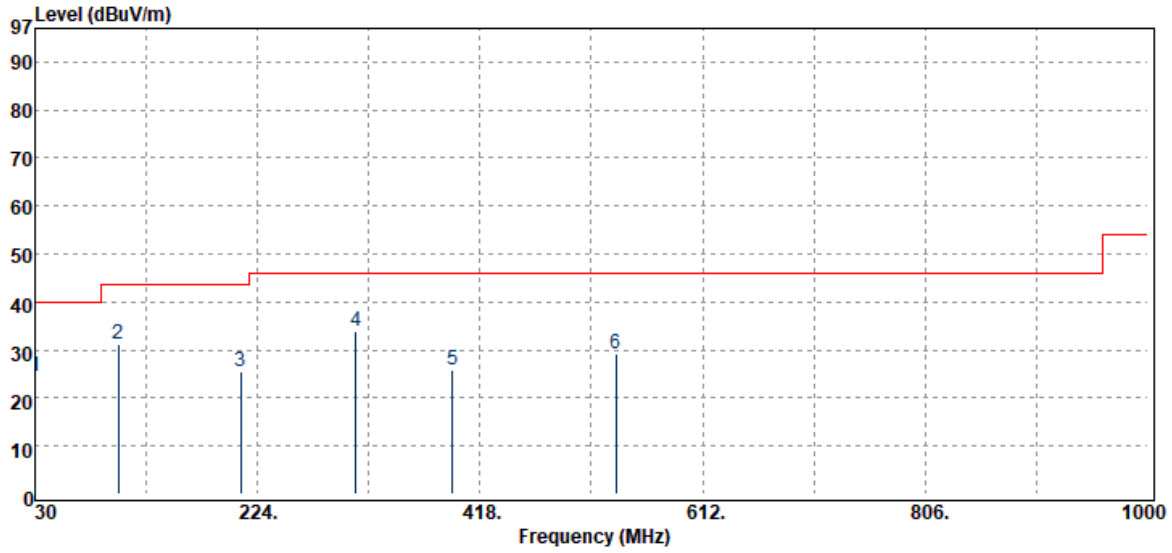
6.7.1 Below 1GHz Worst-Case Data:

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-17
Test Frequency	:5220 MHz	Temp./Humi.	:24.6/61
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



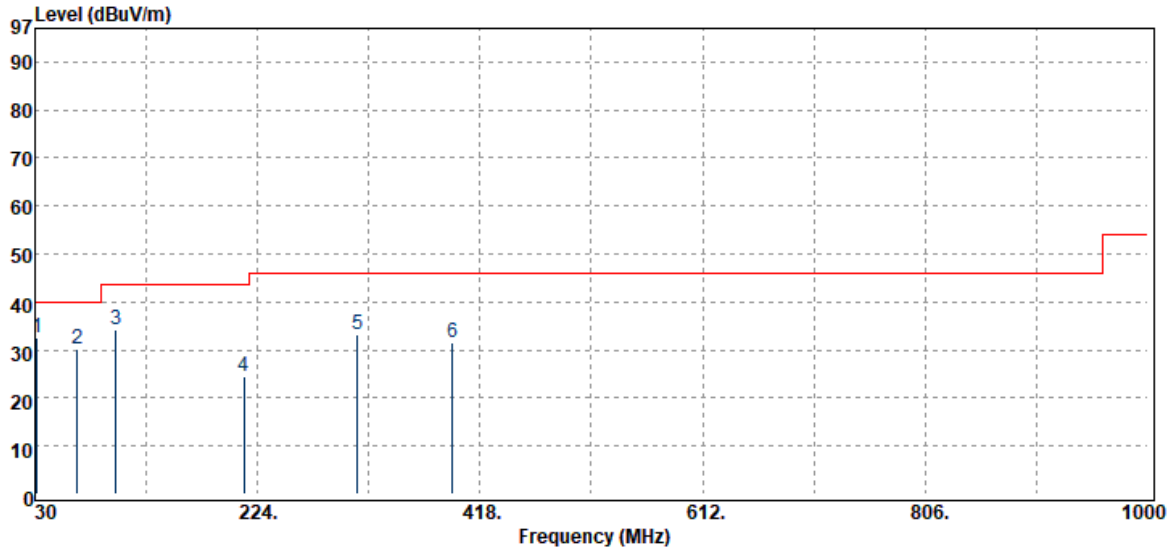
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
31.94	Peak	42.28	-9.86	32.42	40.00	-7.58
67.83	QP	40.04	-9.89	30.15	40.00	-9.85
100.81	Peak	47.21	-13.07	34.14	43.50	-9.36
212.36	Peak	35.75	-10.98	24.77	43.50	-18.73
309.36	Peak	40.37	-6.49	33.88	46.00	-12.12
393.75	Peak	35.13	-5.05	30.08	46.00	-15.92

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-17
Test Frequency	:5220 MHz	Temp./Humi.	:24.6/61
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



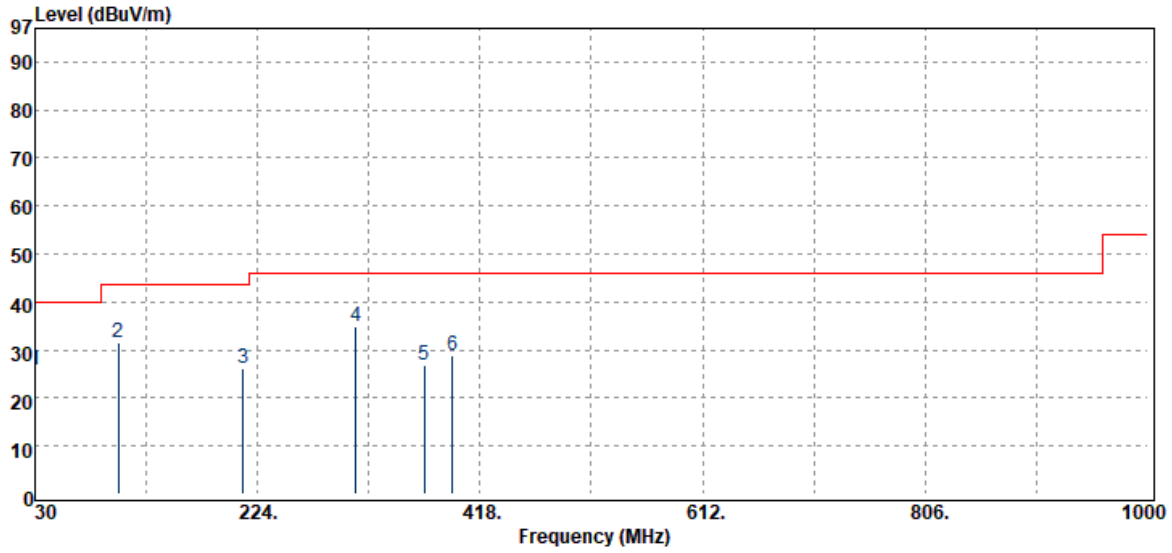
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
30.00	Peak	34.27	-9.68	24.59	40.00	-15.41
102.75	Peak	43.85	-12.63	31.22	43.50	-12.28
209.45	Peak	36.66	-10.99	25.67	43.50	-17.83
309.36	Peak	40.52	-6.49	34.03	46.00	-11.97
393.75	Peak	30.81	-5.05	25.76	46.00	-20.24
536.34	Peak	31.29	-2.25	29.04	46.00	-16.96

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-17
Test Frequency	:5280 MHz	Temp./Humi.	:24.6/61
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



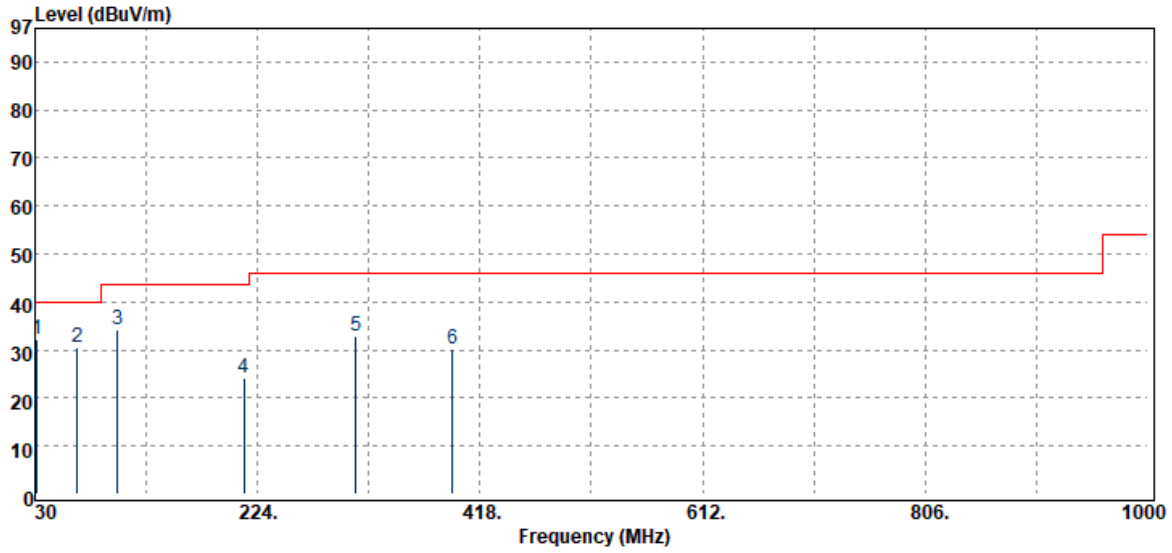
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
31.94	Peak	42.33	-9.86	32.47	40.00	-7.53
66.86	QP	40.26	-9.98	30.28	40.00	-9.72
100.81	Peak	47.20	-13.07	34.13	43.50	-9.37
212.36	Peak	35.58	-10.98	24.60	43.50	-18.90
311.30	Peak	39.81	-6.41	33.40	46.00	-12.60
393.75	Peak	36.47	-5.05	31.42	46.00	-14.58

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-17
Test Frequency	:5280 MHz	Temp./Humi.	:24.6/61
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



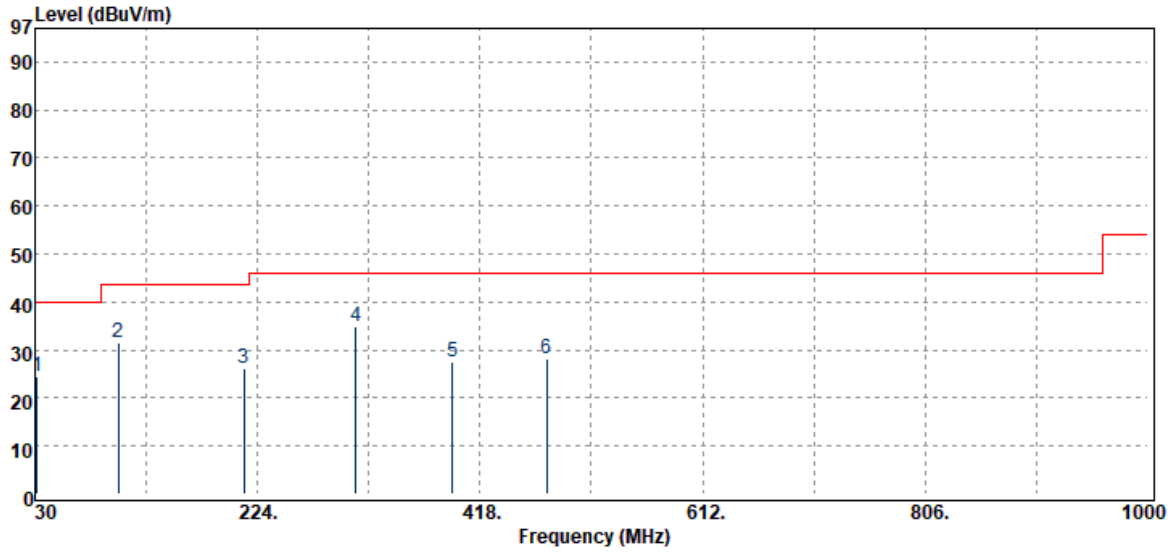
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
30.00	Peak	35.67	-9.68	25.99	40.00	-14.01
102.75	Peak	44.19	-12.63	31.56	43.50	-11.94
211.39	Peak	37.15	-11.00	26.15	43.50	-17.35
309.36	Peak	41.36	-6.49	34.87	46.00	-11.13
369.50	Peak	32.11	-5.38	26.73	46.00	-19.27
393.75	Peak	34.00	-5.05	28.95	46.00	-17.05

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-17
Test Frequency	:5600 MHz	Temp./Humi.	:24.6/61
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



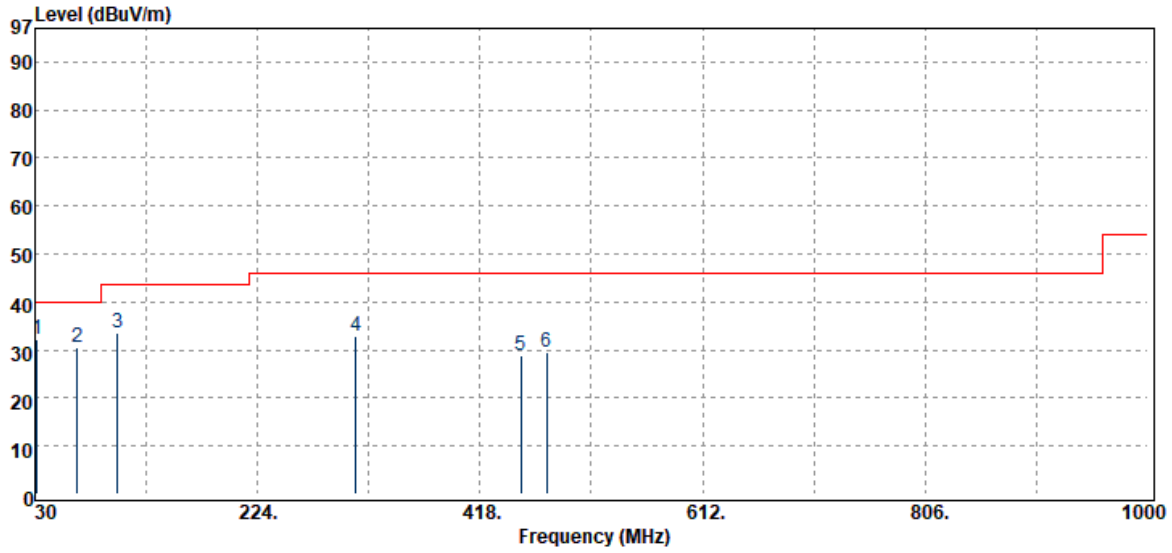
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
31.94	Peak	42.04	-9.86	32.18	40.00	-7.82
66.86	QP	40.43	-9.98	30.45	40.00	-9.55
101.78	Peak	46.84	-12.73	34.11	43.50	-9.39
212.36	Peak	35.21	-10.98	24.23	43.50	-19.27
309.36	Peak	39.34	-6.49	32.85	46.00	-13.15
393.75	Peak	35.42	-5.05	30.37	46.00	-15.63

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-17
Test Frequency	:5600 MHz	Temp./Humi.	:24.6/61
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



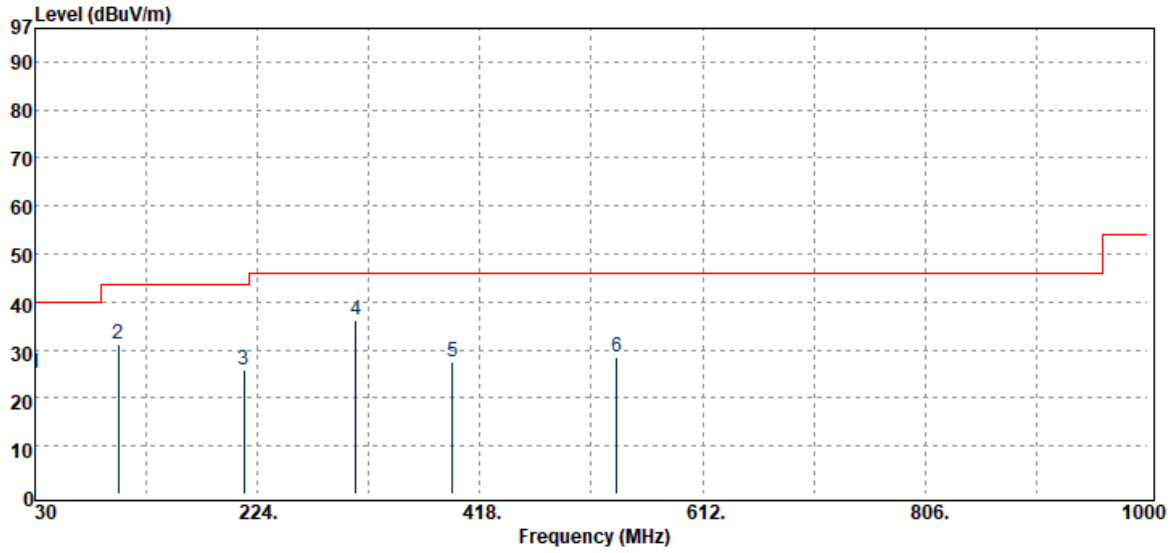
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
31.94	Peak	34.42	-9.86	24.56	40.00	-15.44
102.75	Peak	44.08	-12.63	31.45	43.50	-12.05
212.36	Peak	37.10	-10.98	26.12	43.50	-17.38
309.36	Peak	41.26	-6.49	34.77	46.00	-11.23
393.75	Peak	32.57	-5.05	27.52	46.00	-18.48
476.20	Peak	31.45	-3.11	28.34	46.00	-17.66

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-17
Test Frequency	:5785 MHz	Temp./Humi.	:24.6/61
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



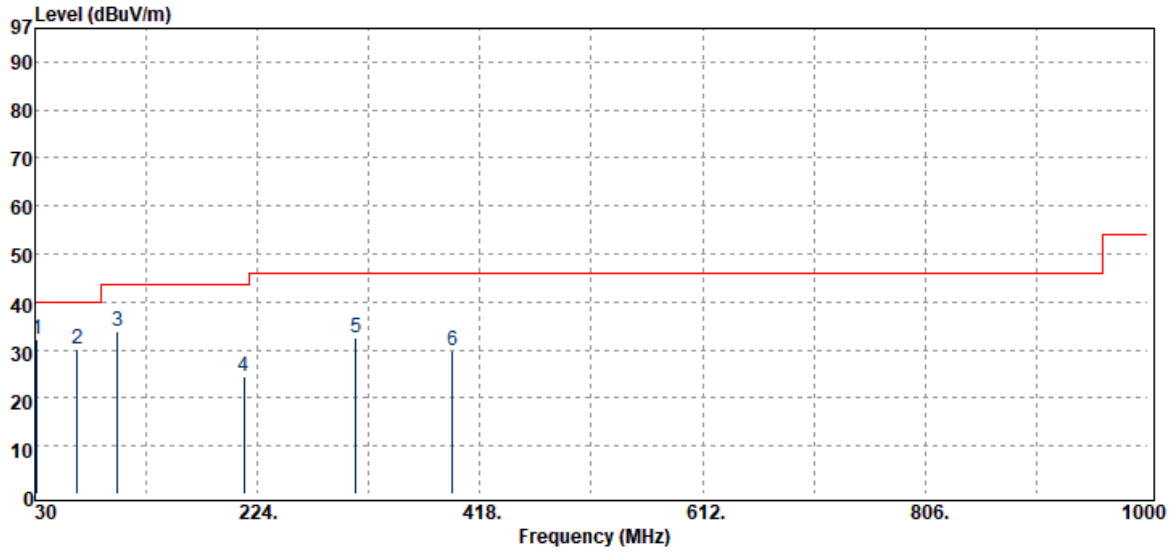
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
31.94	Peak	41.92	-9.86	32.06	40.00	-7.94
66.86	QP	40.58	-9.98	30.60	40.00	-9.40
101.78	Peak	46.34	-12.73	33.61	43.50	-9.89
309.36	Peak	39.52	-6.49	33.03	46.00	-12.97
453.89	Peak	31.92	-3.17	28.75	46.00	-17.25
476.20	Peak	32.57	-3.11	29.46	46.00	-16.54

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-17
Test Frequency	:5785 MHz	Temp./Humi.	:24.6/61
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



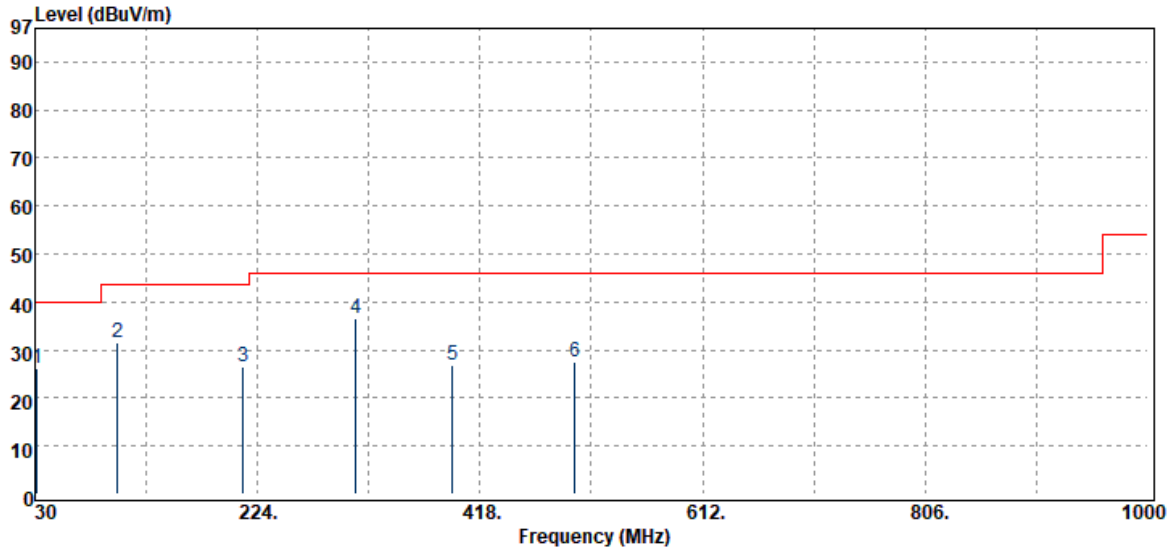
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
30.00	Peak	34.71	-9.68	25.03	40.00	-14.97
102.75	Peak	43.93	-12.63	31.30	43.50	-12.20
212.36	Peak	36.75	-10.98	25.77	43.50	-17.73
309.36	Peak	42.61	-6.49	36.12	46.00	-9.88
393.75	Peak	32.60	-5.05	27.55	46.00	-18.45
537.31	Peak	30.89	-2.21	28.68	46.00	-17.32

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax160 RU full	Test Date	:2021-05-17
Test Frequency	:5250 MHz	Temp./Humi.	:24.6/61
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



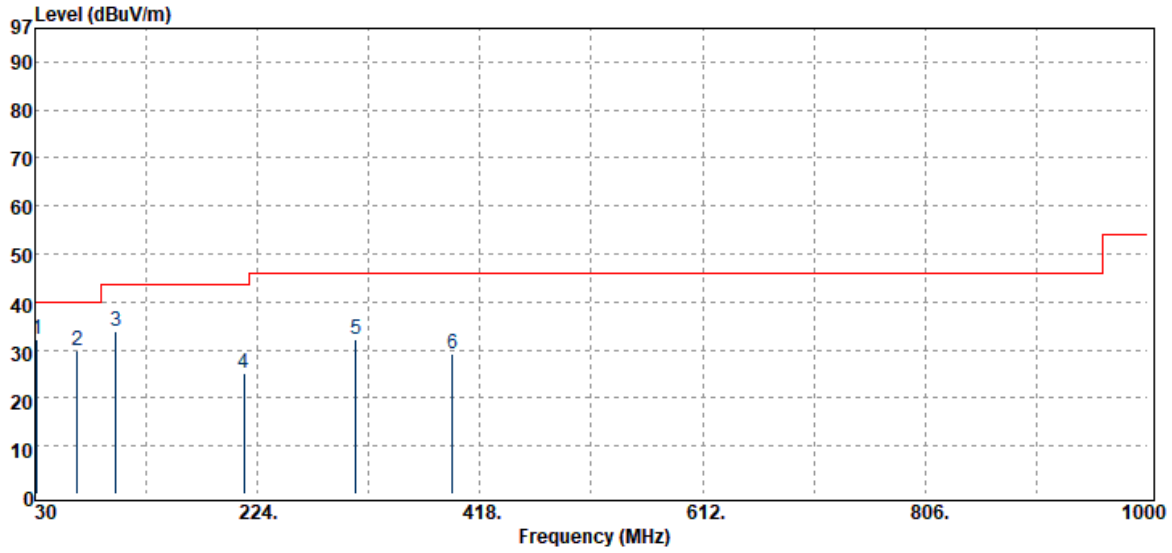
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
31.94	Peak	42.20	-9.86	32.34	40.00	-7.66
66.86	QP	40.15	-9.98	30.17	40.00	-9.83
101.78	Peak	46.65	-12.73	33.92	43.50	-9.58
212.36	Peak	35.56	-10.98	24.58	43.50	-18.92
309.36	Peak	39.08	-6.49	32.59	46.00	-13.41
393.75	Peak	34.87	-5.05	29.82	46.00	-16.18

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax160 RU full	Test Date	:2021-05-17
Test Frequency	:5250 MHz	Temp./Humi.	:24.6/61
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



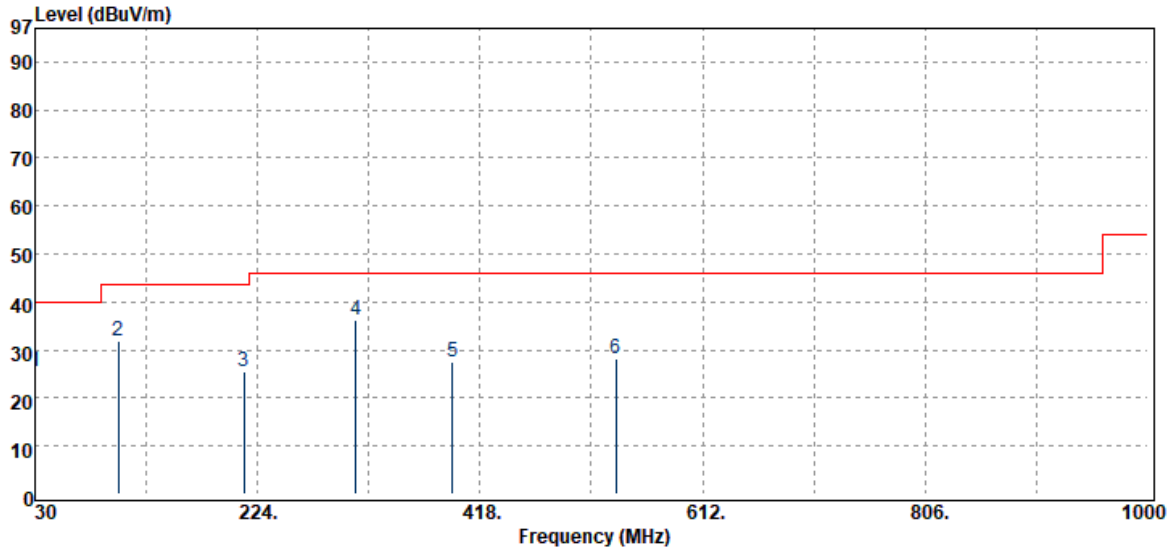
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
31.94	Peak	35.88	-9.86	26.02	40.00	-13.98
101.78	Peak	44.37	-12.73	31.64	43.50	-11.86
211.39	Peak	37.35	-11.00	26.35	43.50	-17.15
309.36	Peak	43.13	-6.49	36.64	46.00	-9.36
393.75	Peak	31.81	-5.05	26.76	46.00	-19.24
500.45	Peak	30.95	-3.42	27.53	46.00	-18.47

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax160 RU full	Test Date	:2021-05-17
Test Frequency	:5570 MHz	Temp./Humi.	:24.6/61
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
31.94	Peak	41.96	-9.86	32.10	40.00	-7.90
66.86	QP	39.96	-9.98	29.98	40.00	-10.02
100.81	Peak	46.86	-13.07	33.79	43.50	-9.71
212.36	Peak	36.03	-10.98	25.05	43.50	-18.45
309.36	Peak	38.72	-6.49	32.23	46.00	-13.77
393.75	Peak	34.23	-5.05	29.18	46.00	-16.82

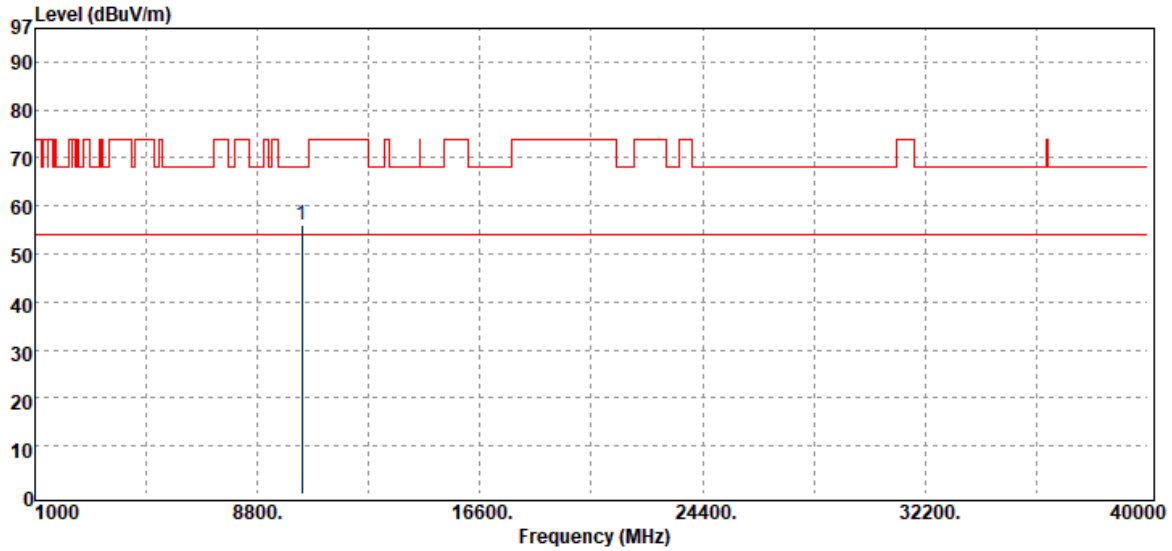
Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax160 RU full	Test Date	:2021-05-17
Test Frequency	:5570 MHz	Temp./Humi.	:24.6/61
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
30.00	Peak	35.05	-9.68	25.37	40.00	-14.63
102.75	Peak	44.61	-12.63	31.98	43.50	-11.52
212.36	Peak	36.53	-10.98	25.55	43.50	-17.95
309.36	Peak	42.61	-6.49	36.12	46.00	-9.88
393.75	Peak	32.67	-5.05	27.62	46.00	-18.38
536.34	Peak	30.56	-2.25	28.31	46.00	-17.69

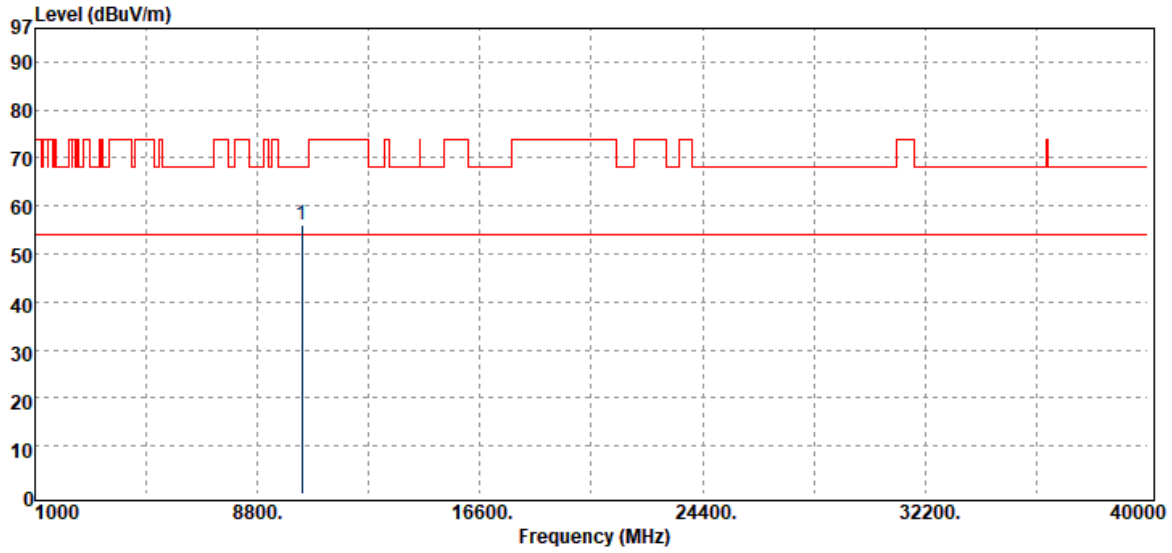
6.7.2 Above 1GHz Worst-Case Data:

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5180 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



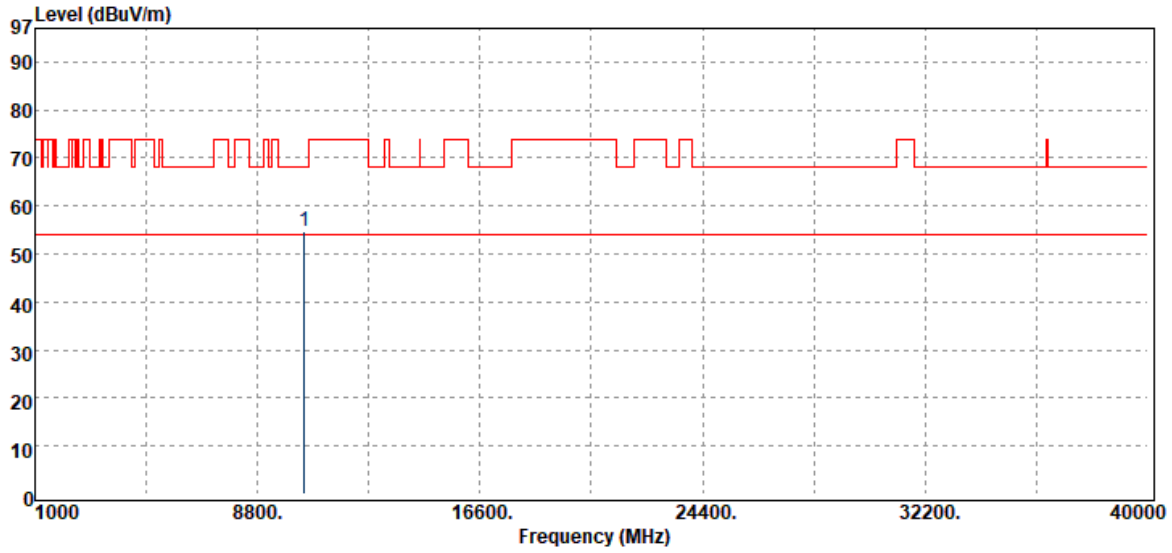
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10360.00	Peak	34.81	21.21	56.02	68.20	-12.18

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5180 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



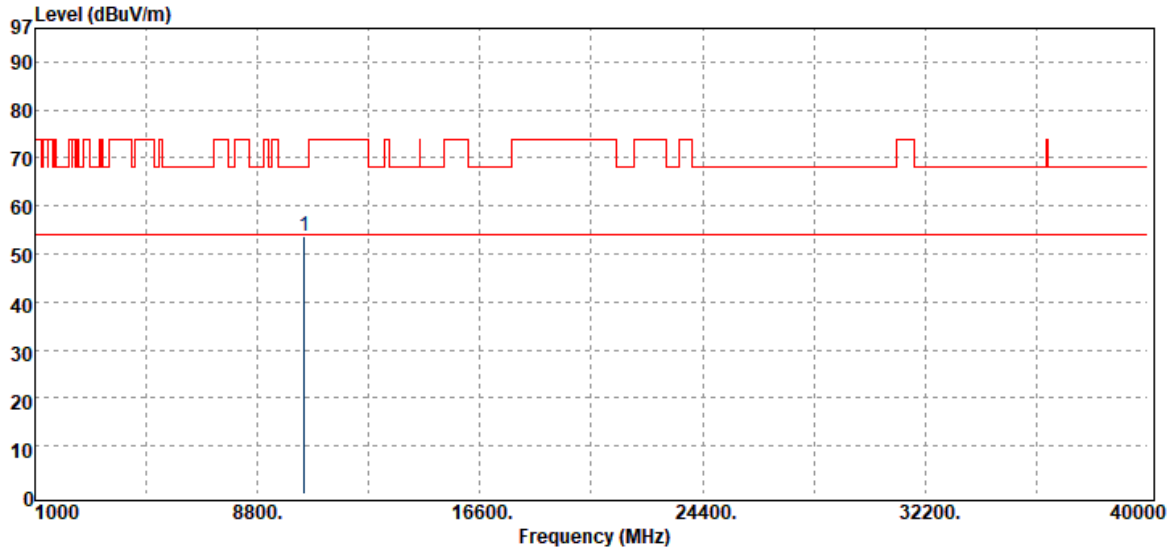
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10360.00	Peak	34.78	21.21	55.99	68.20	-12.21

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5220 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



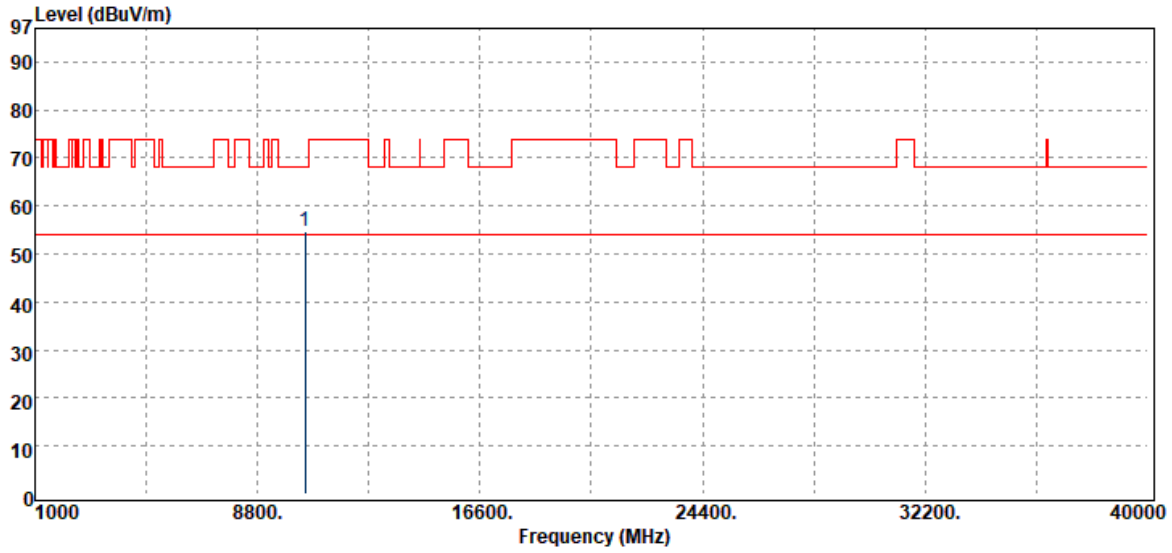
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10440.00	Peak	36.27	18.39	54.66	68.20	-13.54

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5220 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



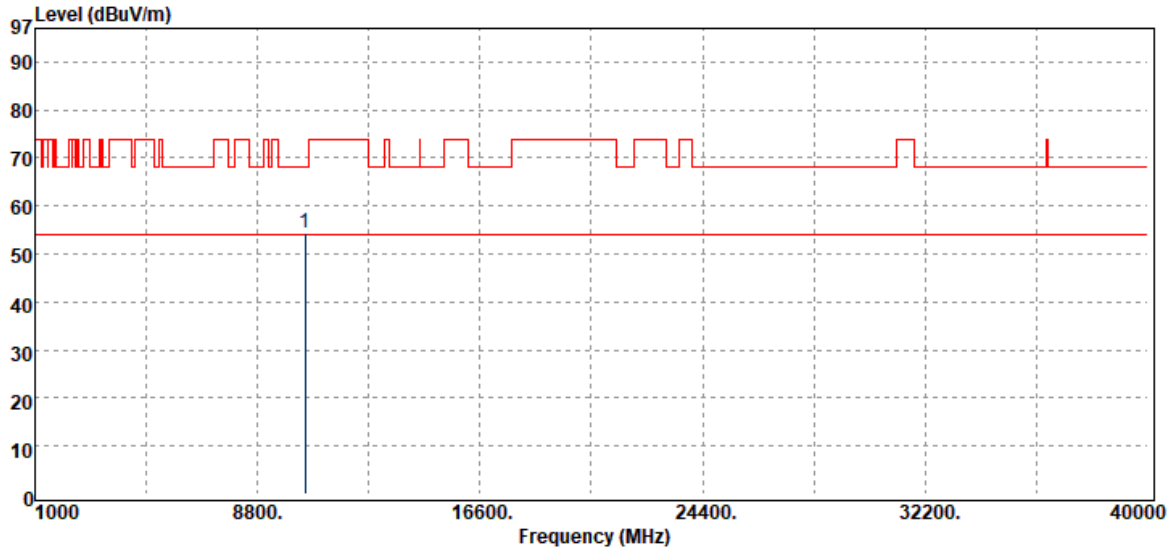
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10440.00	Peak	35.27	18.39	53.66	68.20	-14.54

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5240 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



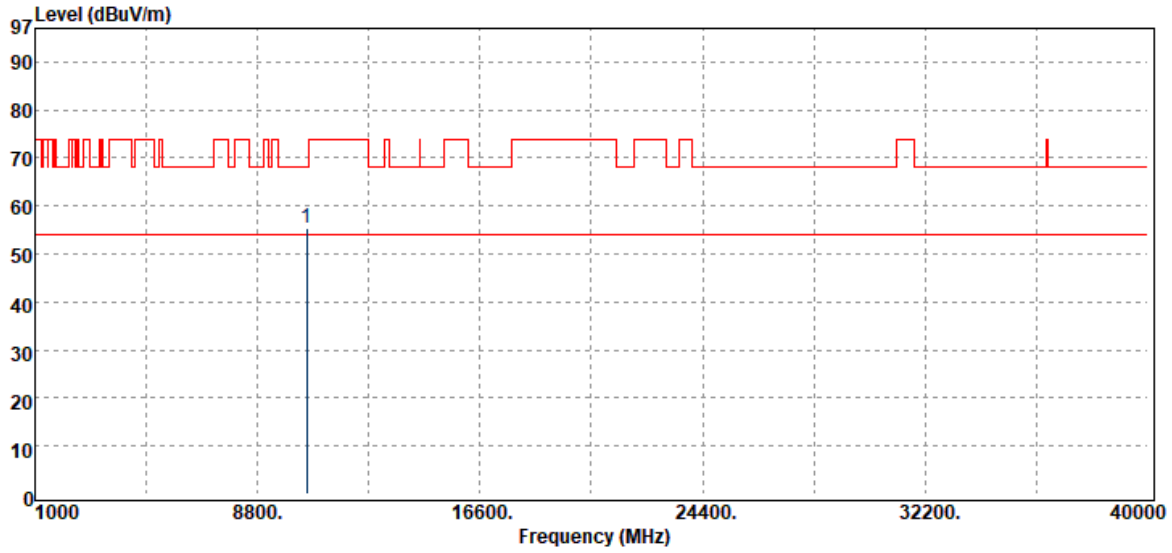
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10480.00	Peak	35.46	19.27	54.73	68.20	-13.47

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5240 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



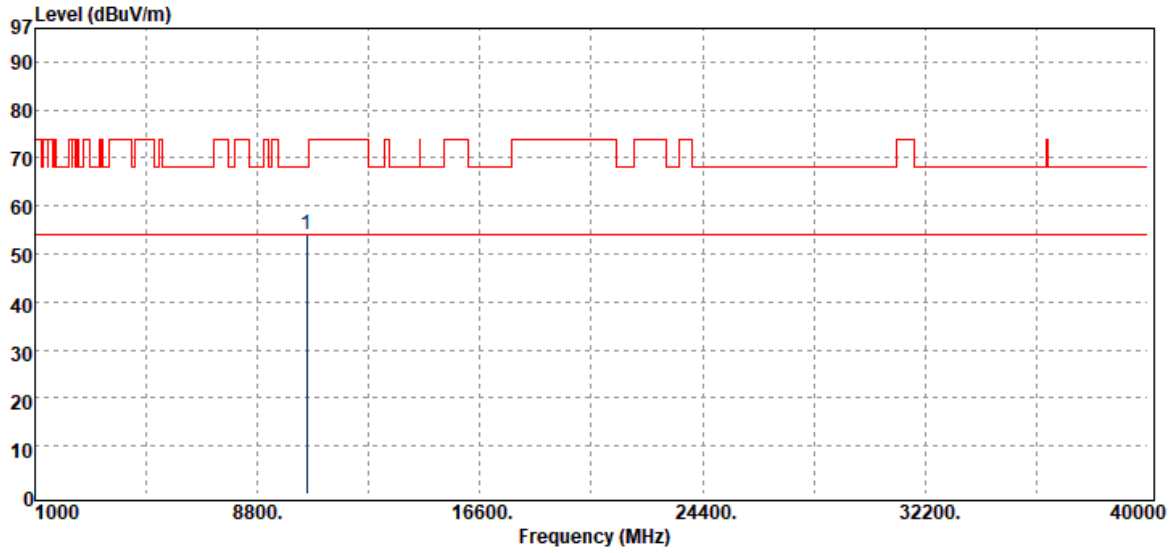
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10480.00	Peak	35.00	19.27	54.27	68.20	-13.93

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5260 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



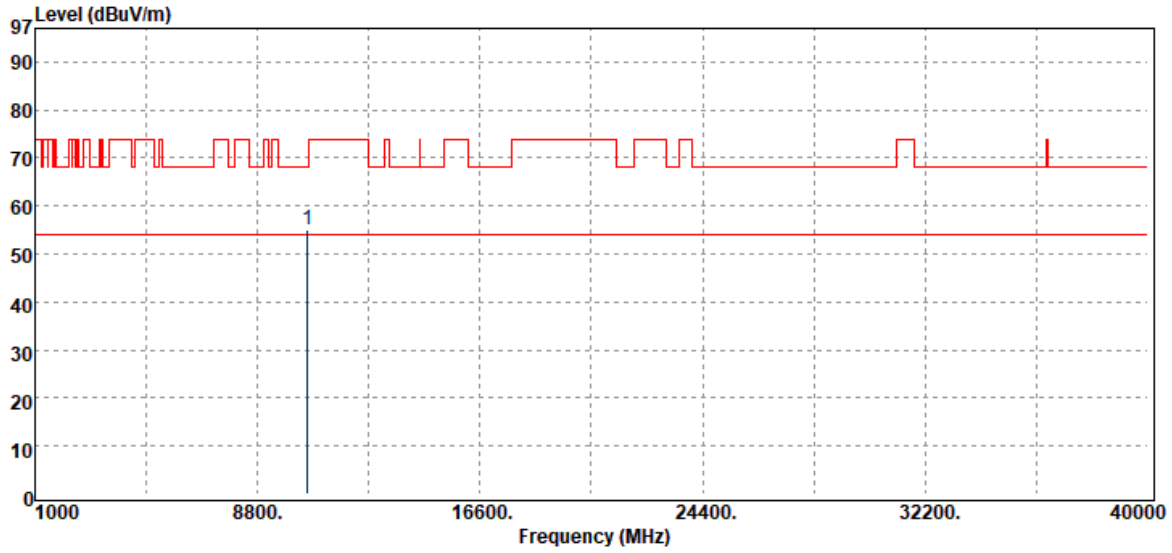
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10520.00	Peak	35.28	20.21	55.49	68.20	-12.71

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5260 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



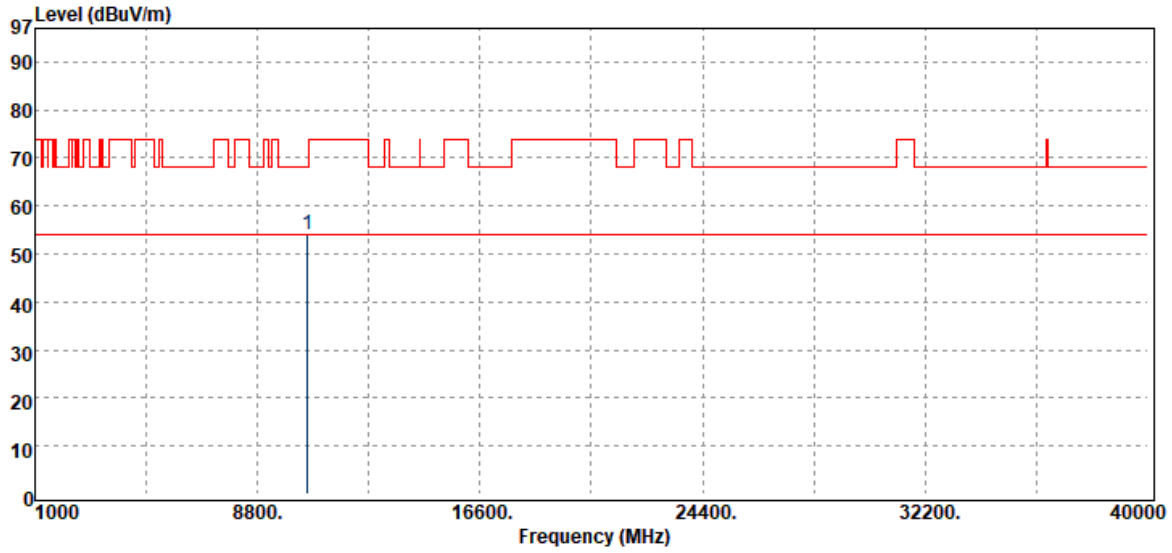
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10520.00	Peak	33.97	20.21	54.18	68.20	-14.02

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5280 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



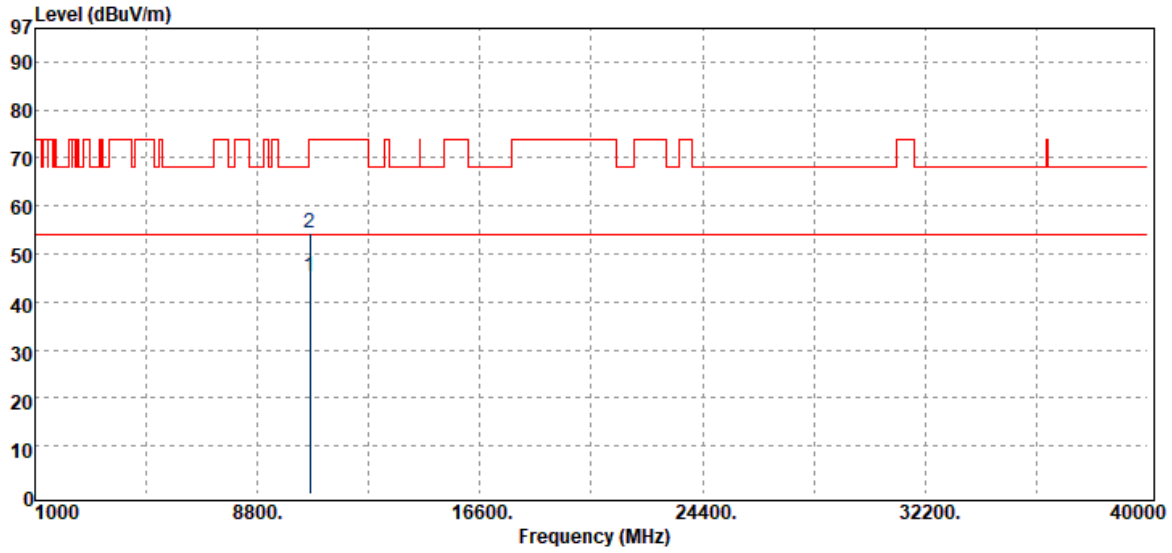
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10560.00	Peak	34.32	20.65	54.97	68.20	-13.23

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5280 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



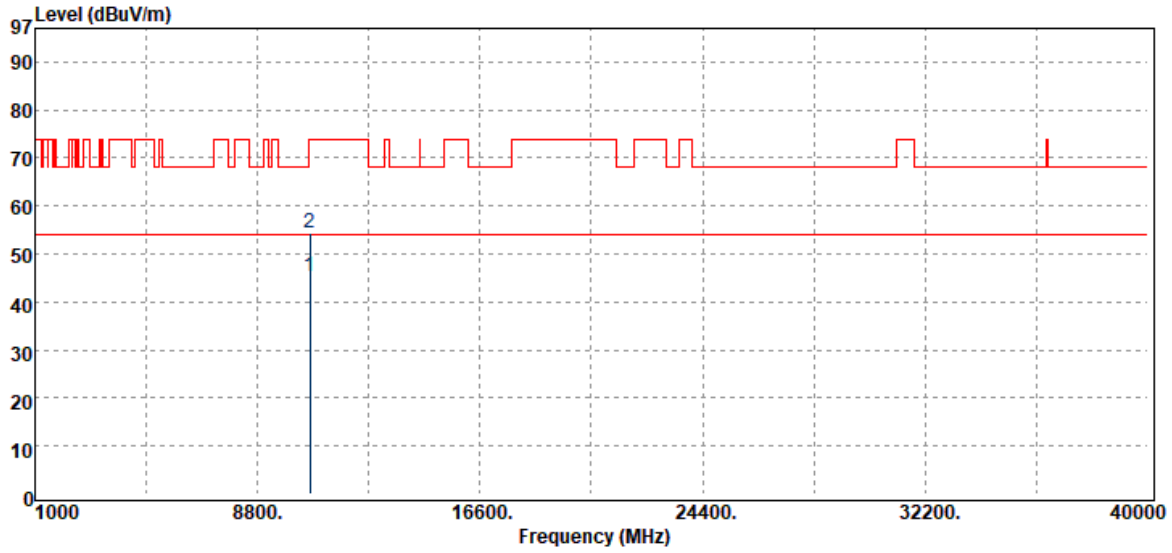
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10560.00	Peak	33.50	20.65	54.15	68.20	-14.05

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5320 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



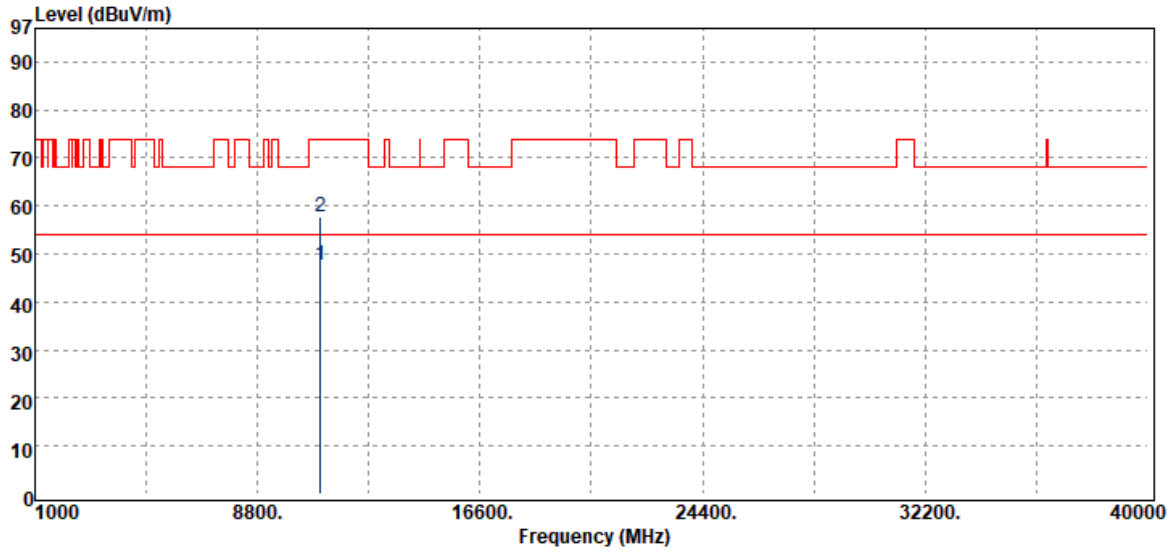
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10640.00	Average	24.59	20.69	45.28	54.00	-8.72
10640.00	Peak	33.56	20.69	54.25	74.00	-19.75

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5320 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



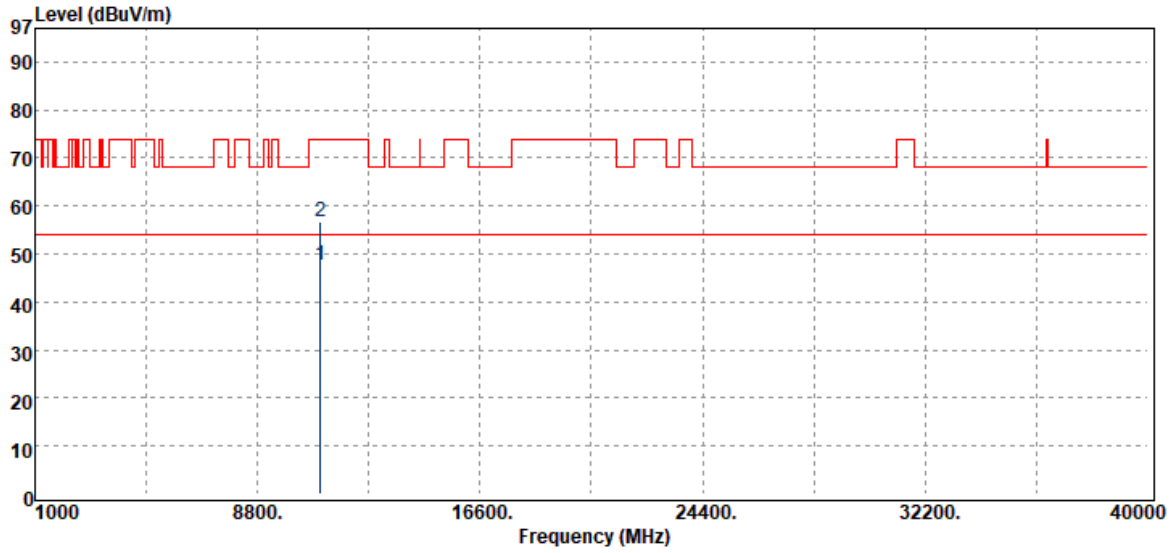
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
10640.00	Average	24.56	20.69	45.25	54.00	-8.75
10640.00	Peak	33.66	20.69	54.35	74.00	-19.65

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5500 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



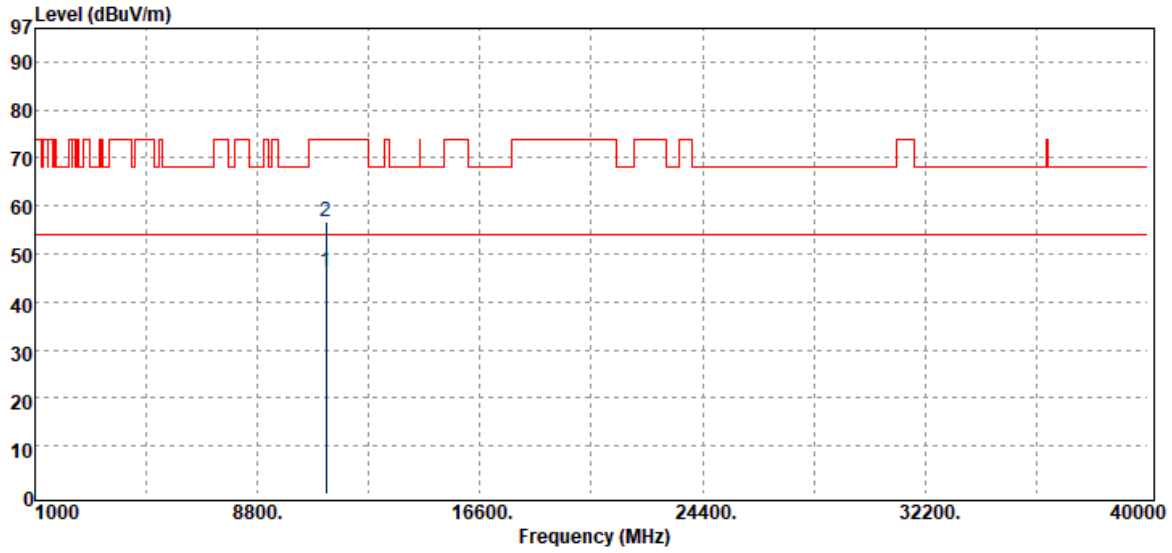
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11000.00	Average	24.26	23.55	47.81	54.00	-6.19
11000.00	Peak	34.04	23.55	57.59	74.00	-16.41

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5500 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



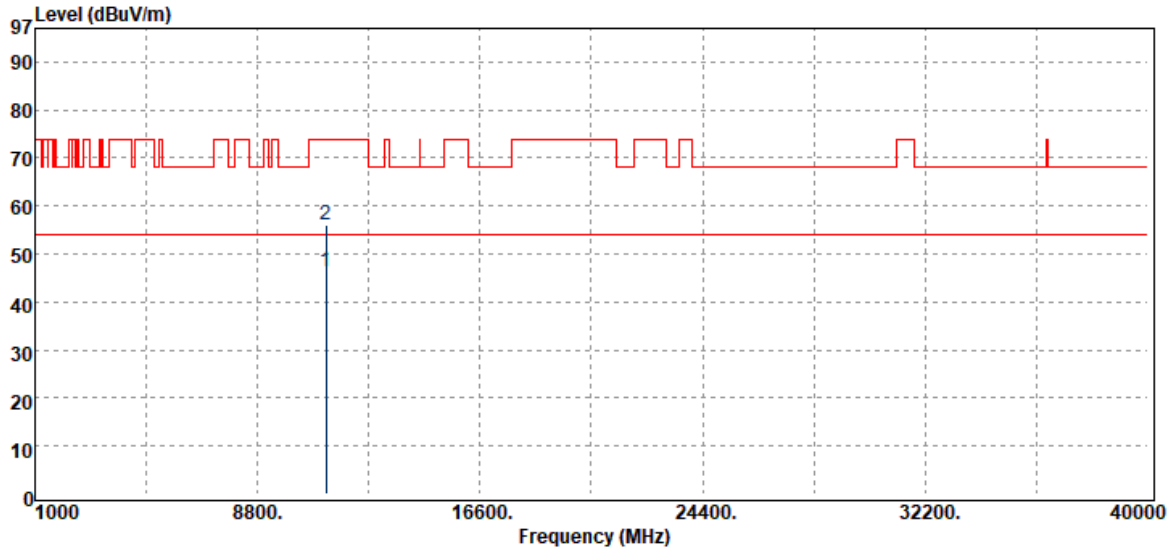
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11000.00	Average	24.23	23.55	47.78	54.00	-6.22
11000.00	Peak	33.19	23.55	56.74	74.00	-17.26

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5600 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



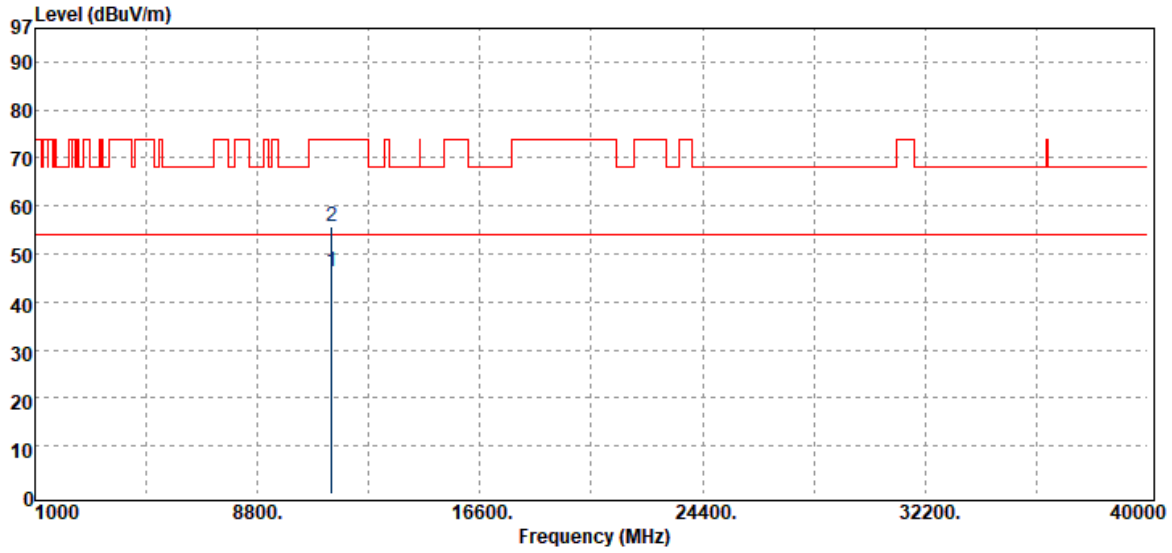
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11200.00	Average	24.64	21.74	46.38	54.00	-7.62
11200.00	Peak	34.93	21.74	56.67	74.00	-17.33

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5600 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



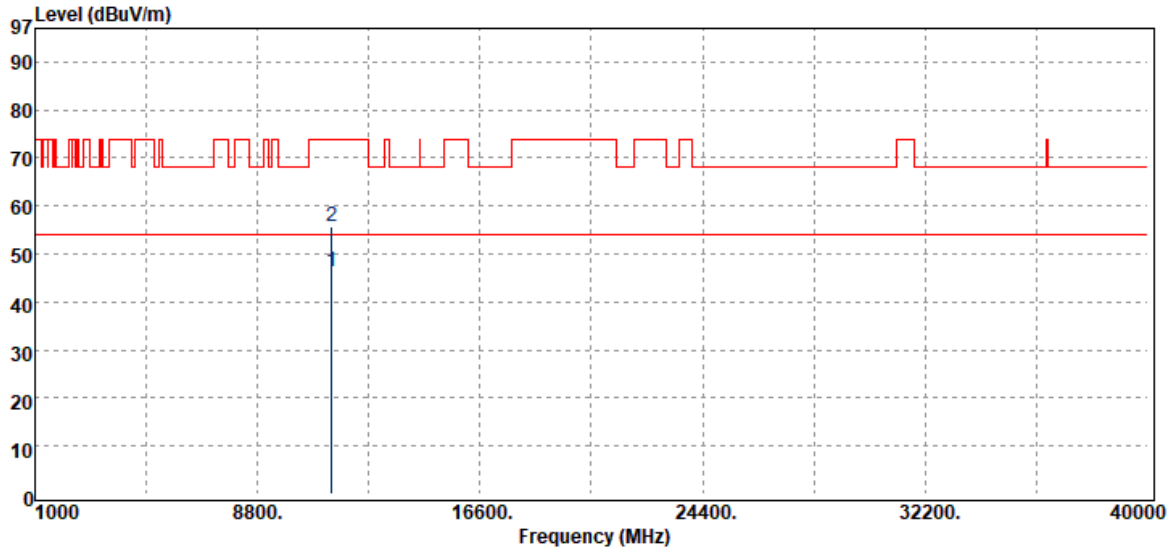
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11200.00	Average	24.54	21.74	46.28	54.00	-7.72
11200.00	Peak	34.48	21.74	56.22	74.00	-17.78

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5700 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



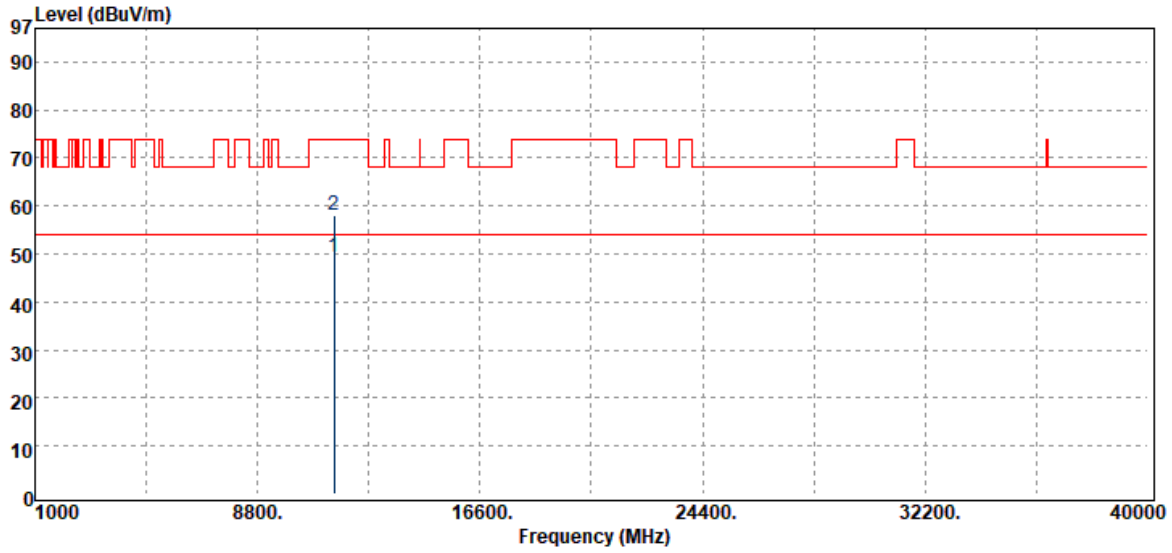
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11400.00	Average	24.35	22.09	46.44	54.00	-7.56
11400.00	Peak	33.75	22.09	55.84	74.00	-18.16

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5700 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



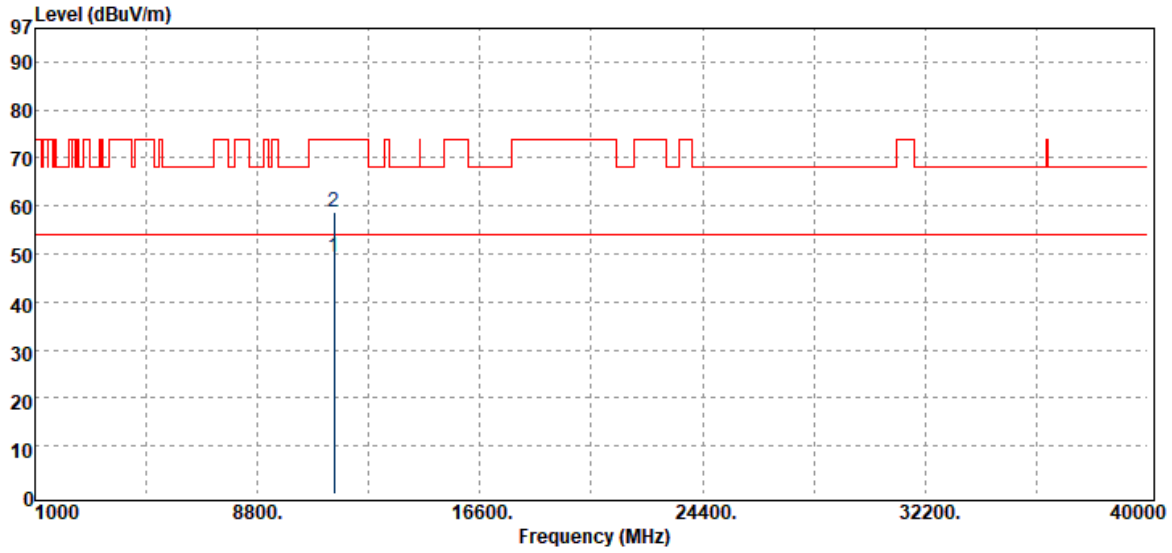
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11400.00	Average	24.26	22.09	46.35	54.00	-7.65
11400.00	Peak	33.67	22.09	55.76	74.00	-18.24

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5745 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



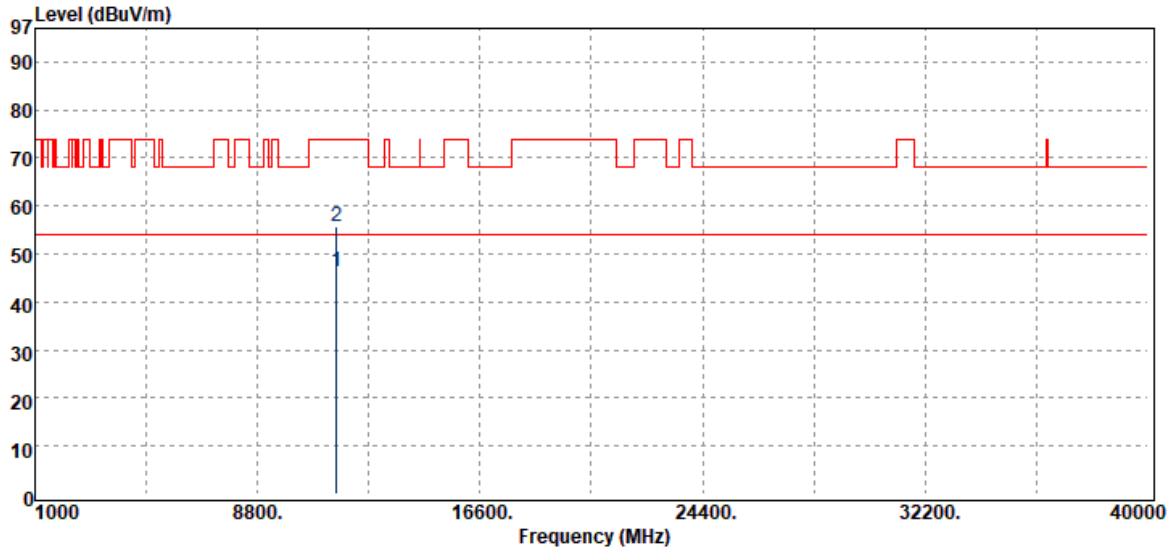
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11490.00	Average	23.86	25.46	49.32	54.00	-4.68
11490.00	Peak	32.74	25.46	58.20	74.00	-15.80

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5745 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



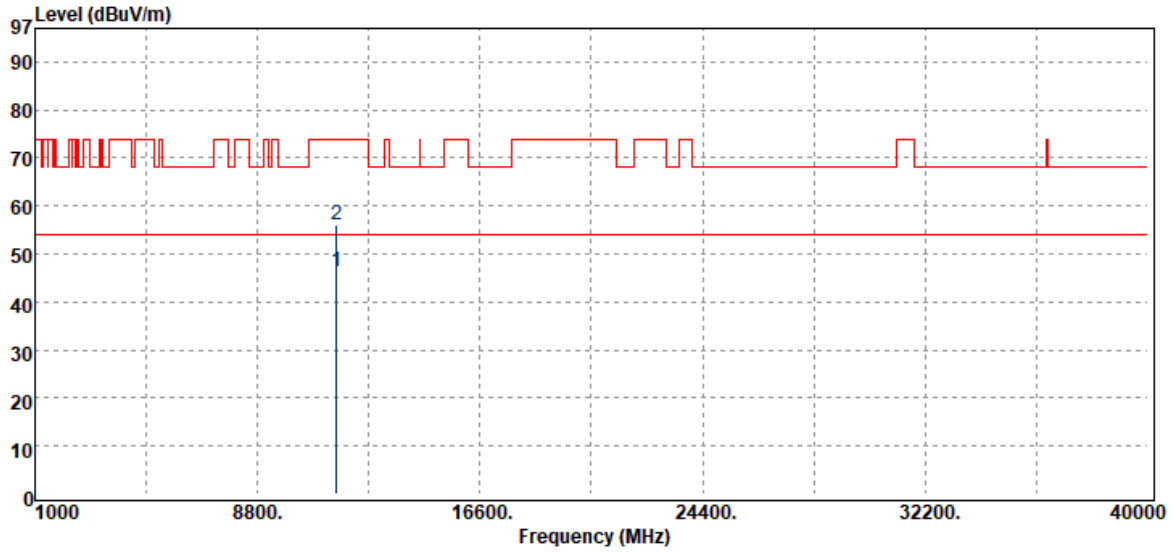
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11490.00	Average	23.75	25.46	49.21	54.00	-4.79
11490.00	Peak	33.22	25.46	58.68	74.00	-15.32

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5785 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



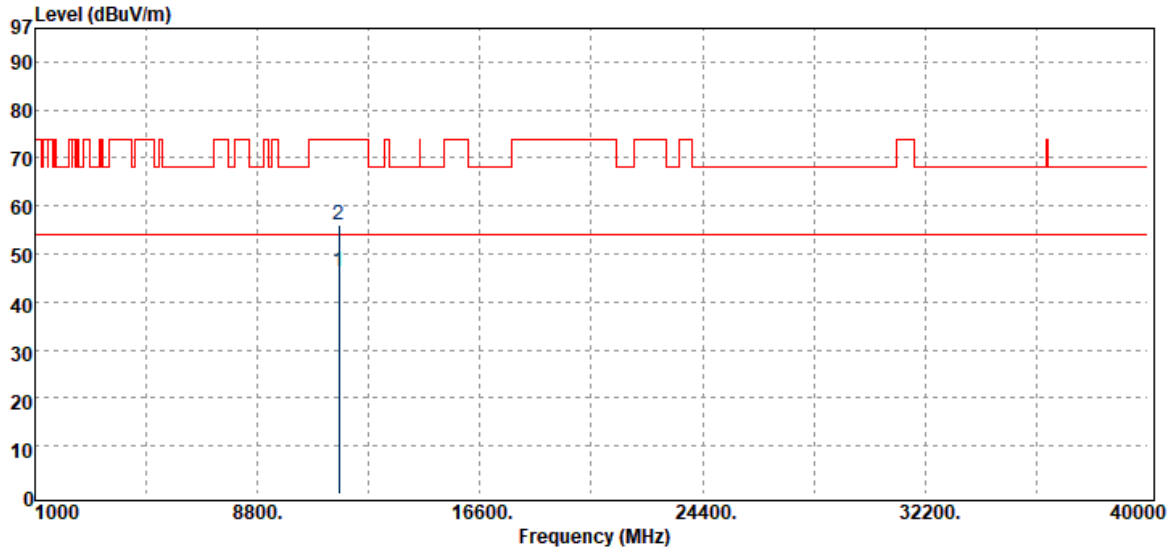
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11570.00	Average	24.39	21.87	46.26	54.00	-7.74
11570.00	Peak	33.70	21.87	55.57	74.00	-18.43

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5785 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



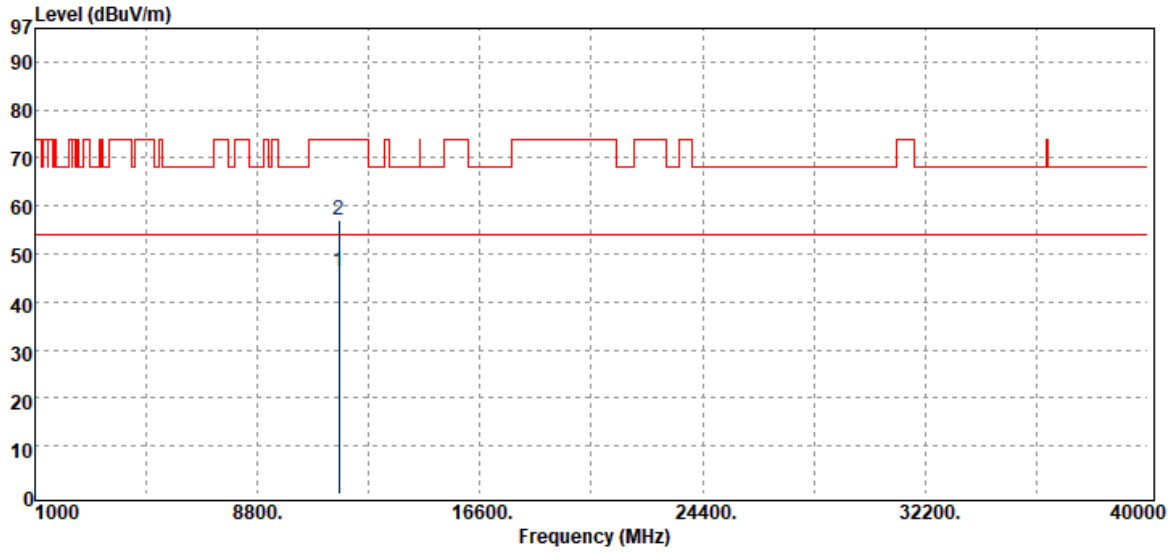
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11570.00	Average	24.36	21.87	46.23	54.00	-7.77
11570.00	Peak	34.10	21.87	55.97	74.00	-18.03

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5825 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



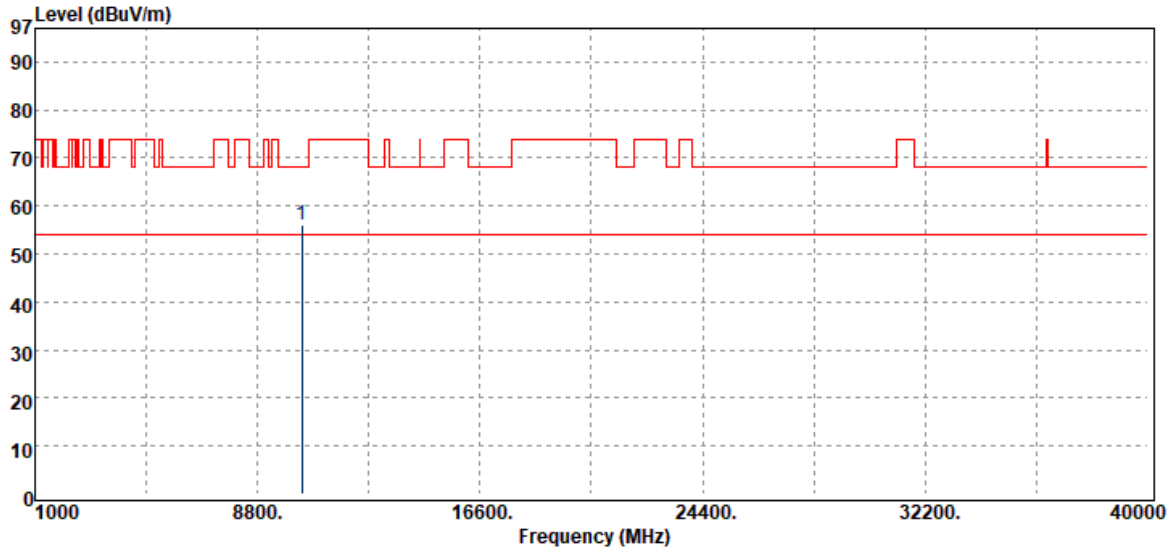
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11650.00	Average	23.59	22.86	46.45	54.00	-7.55
11650.00	Peak	33.24	22.86	56.10	74.00	-17.90

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-05-11
Test Frequency	:5825 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



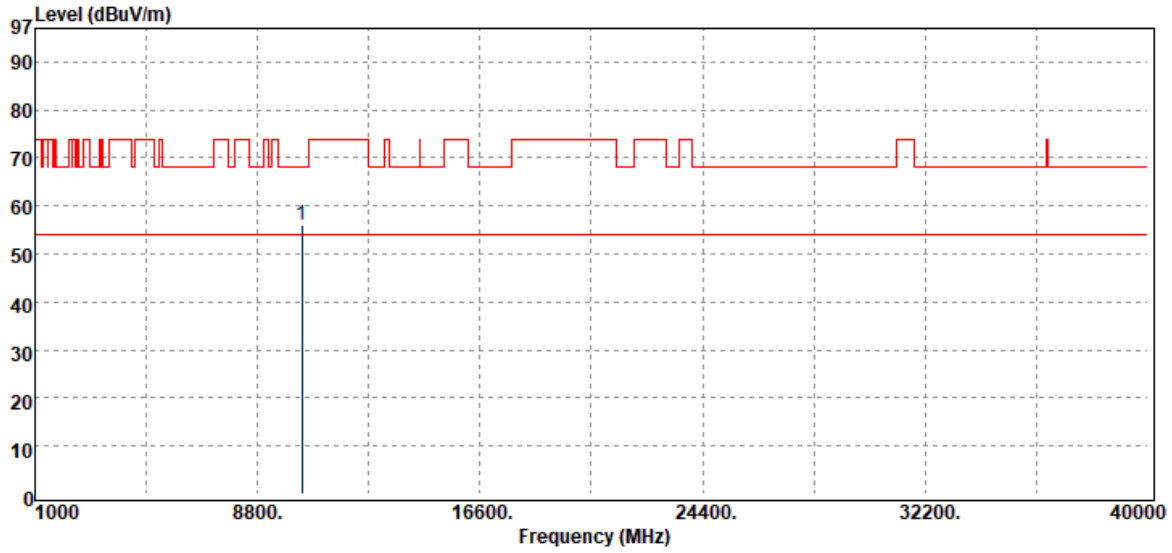
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11650.00	Average	23.56	22.86	46.42	54.00	-7.58
11650.00	Peak	34.22	22.86	57.08	74.00	-16.92

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-11
Test Frequency	:5180 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



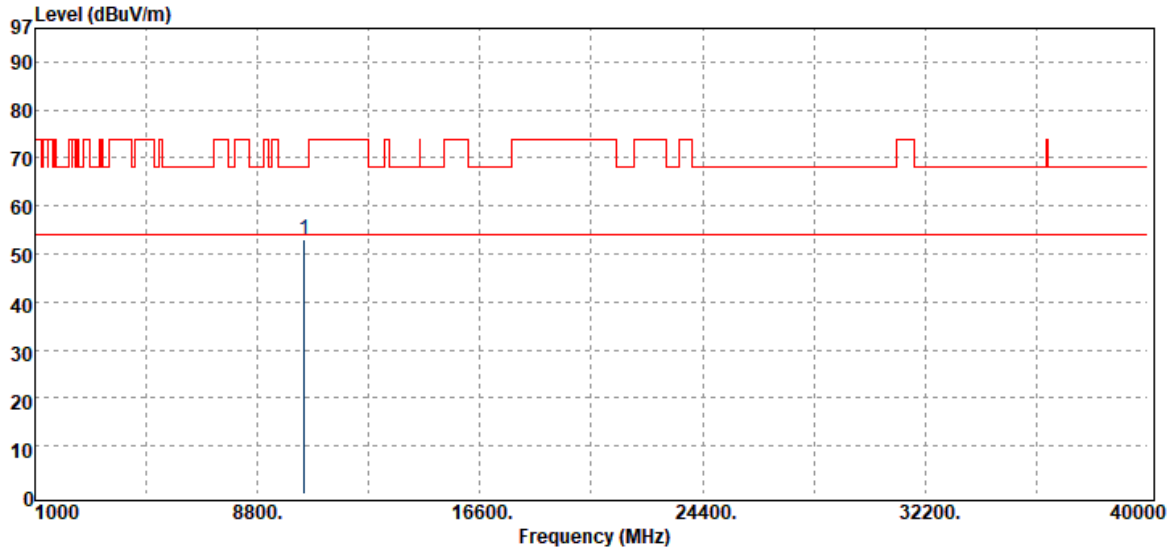
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10360.00	Peak	34.75	21.21	55.96	68.20	-12.24

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-11
Test Frequency	:5180 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



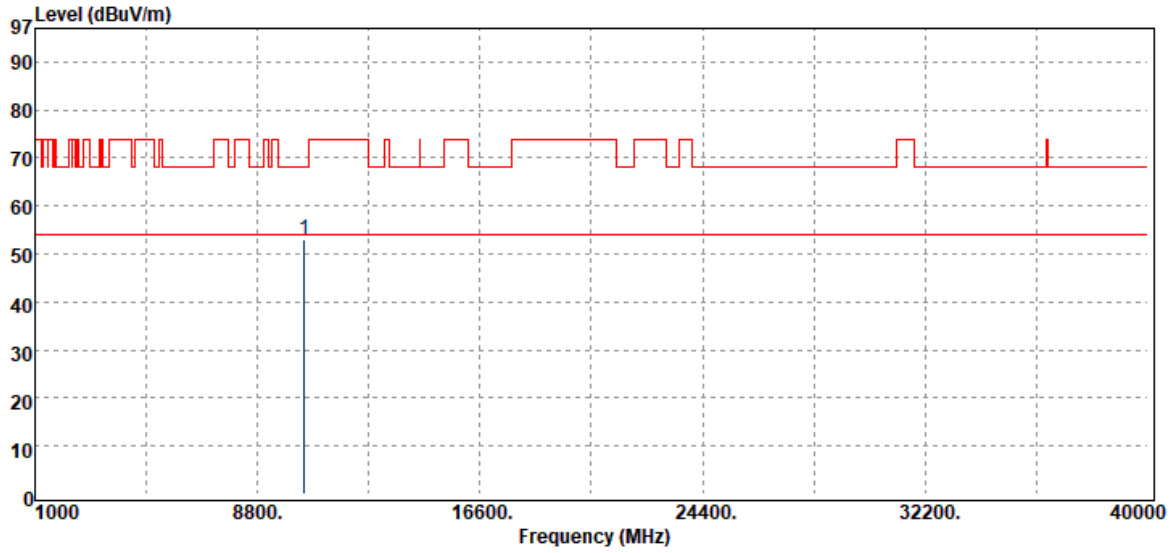
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10360.00	Peak	34.72	21.21	55.93	68.20	-12.27

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-11
Test Frequency	:5220 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



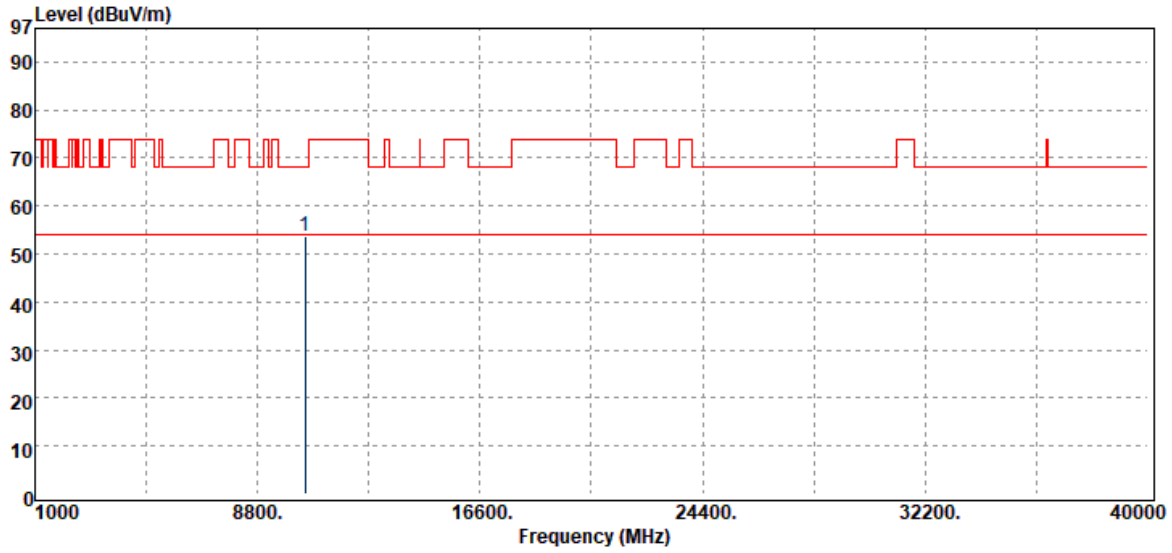
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10440.00	Peak	34.63	18.39	53.02	68.20	-15.18

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-11
Test Frequency	:5220 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



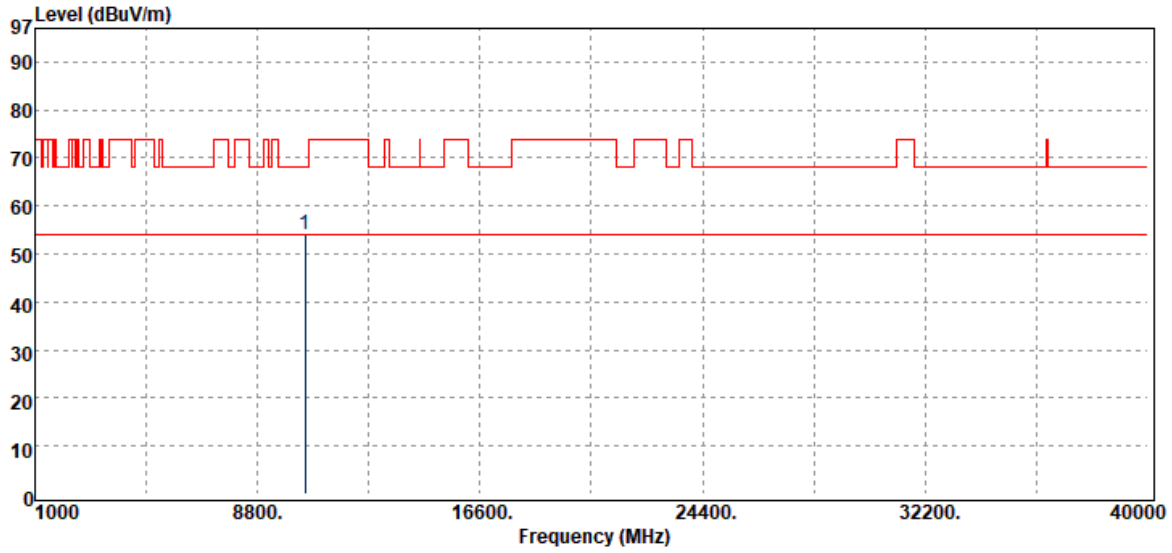
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10440.00	Peak	34.55	18.39	52.94	68.20	-15.26

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-11
Test Frequency	:5240 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



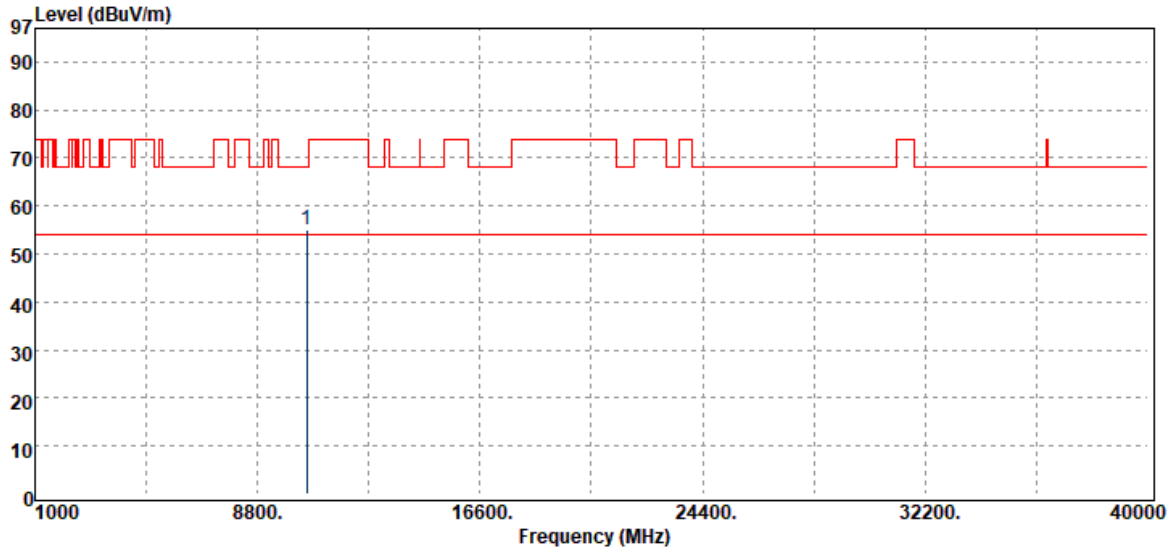
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10480.00	Peak	34.52	19.27	53.79	68.20	-14.41

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-11
Test Frequency	:5240 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



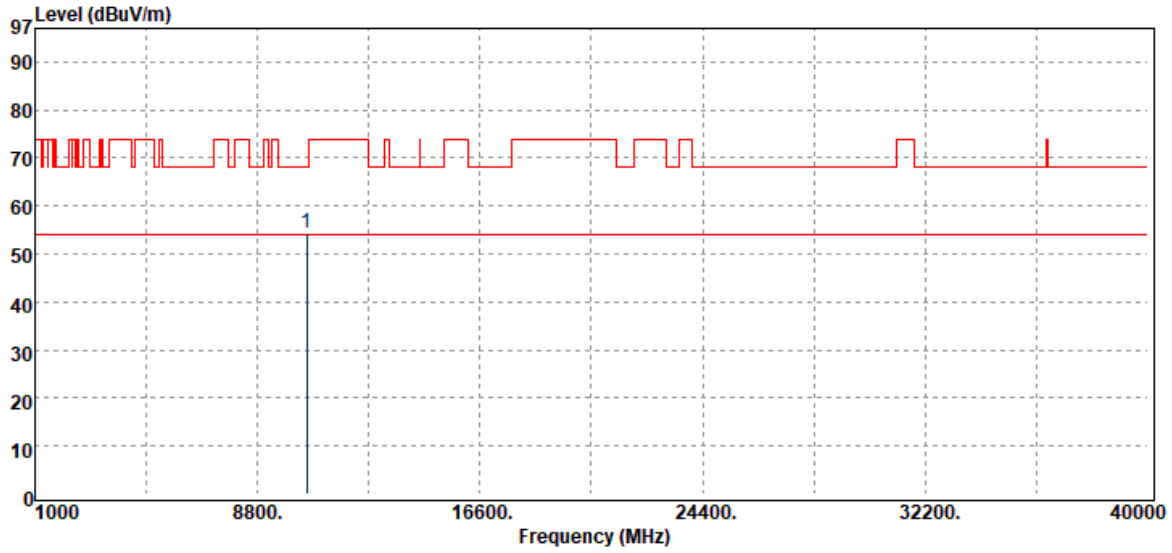
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10480.00	Peak	34.67	19.27	53.94	68.20	-14.26

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-11
Test Frequency	:5260 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



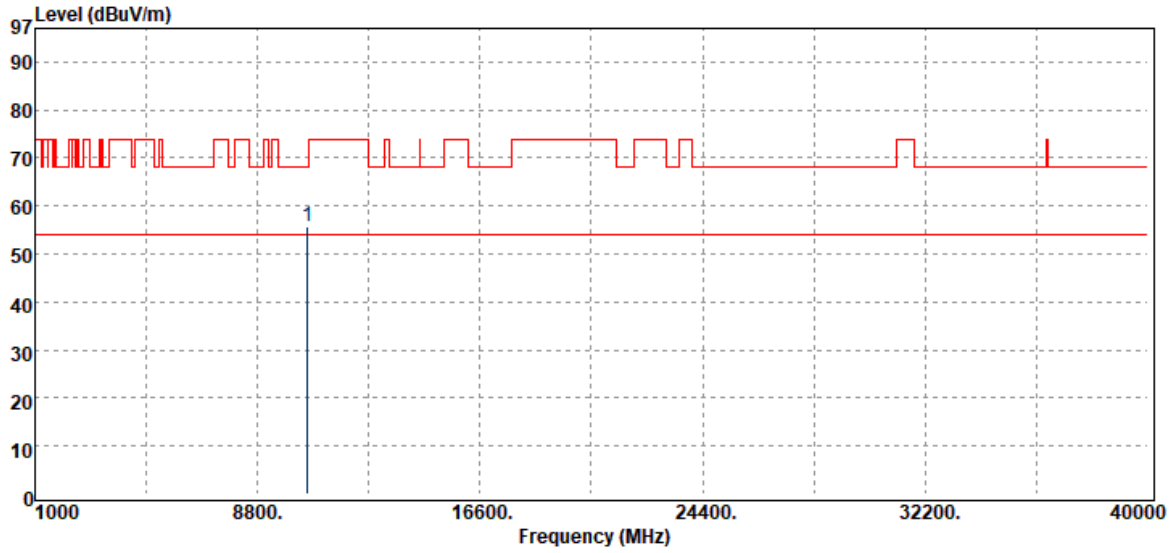
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10520.00	Peak	34.86	20.21	55.07	68.20	-13.13

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-11
Test Frequency	:5260 MHz	Temp./Humi.	:24.6/65
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



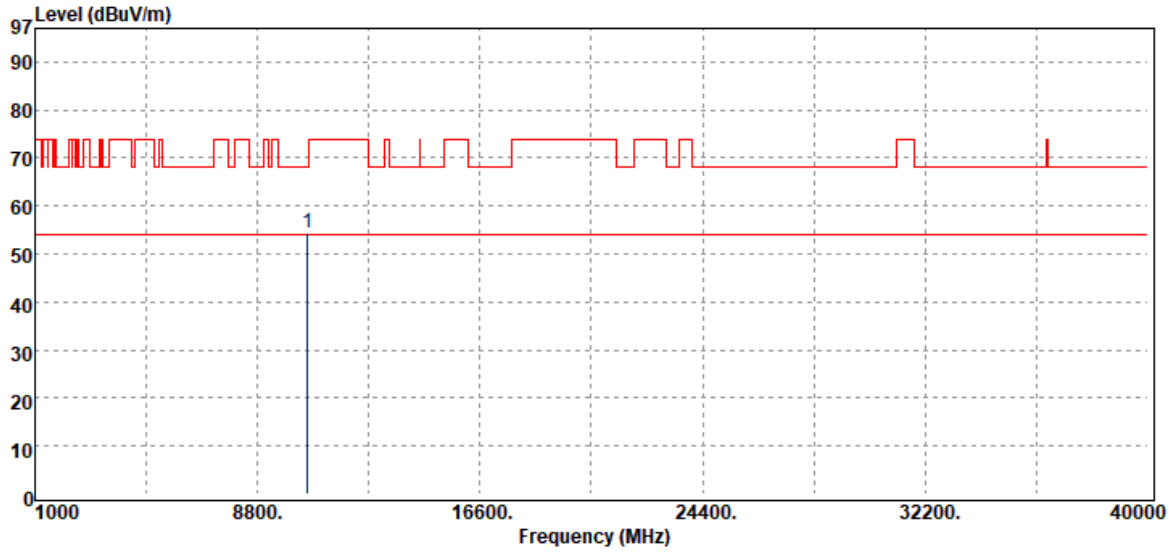
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10520.00	Peak	34.17	20.21	54.38	68.20	-13.82

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5280 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



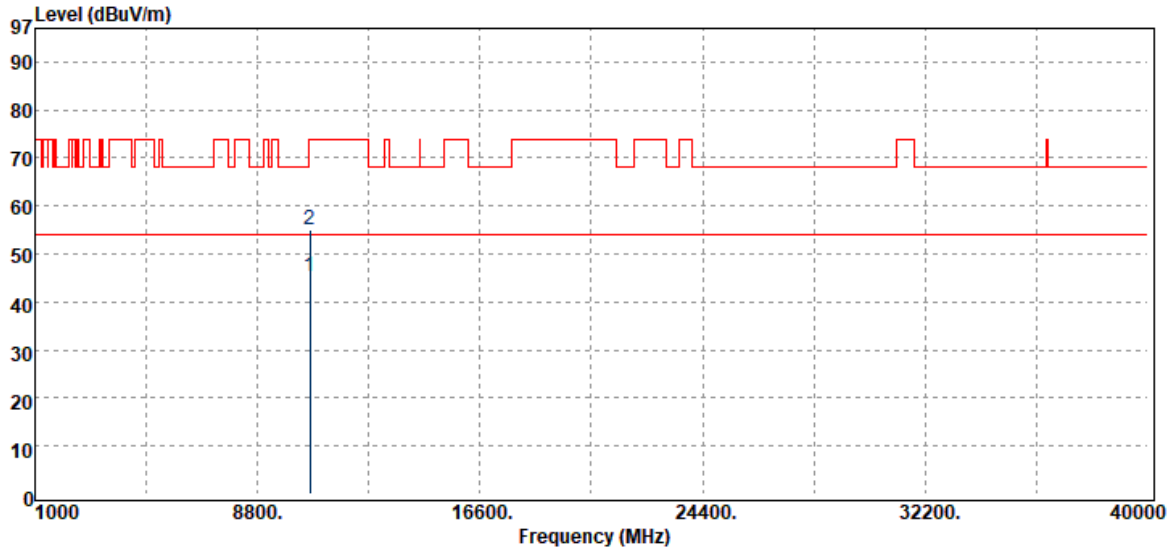
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10560.00	Peak	35.11	20.65	55.76	68.20	-12.44

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5280 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



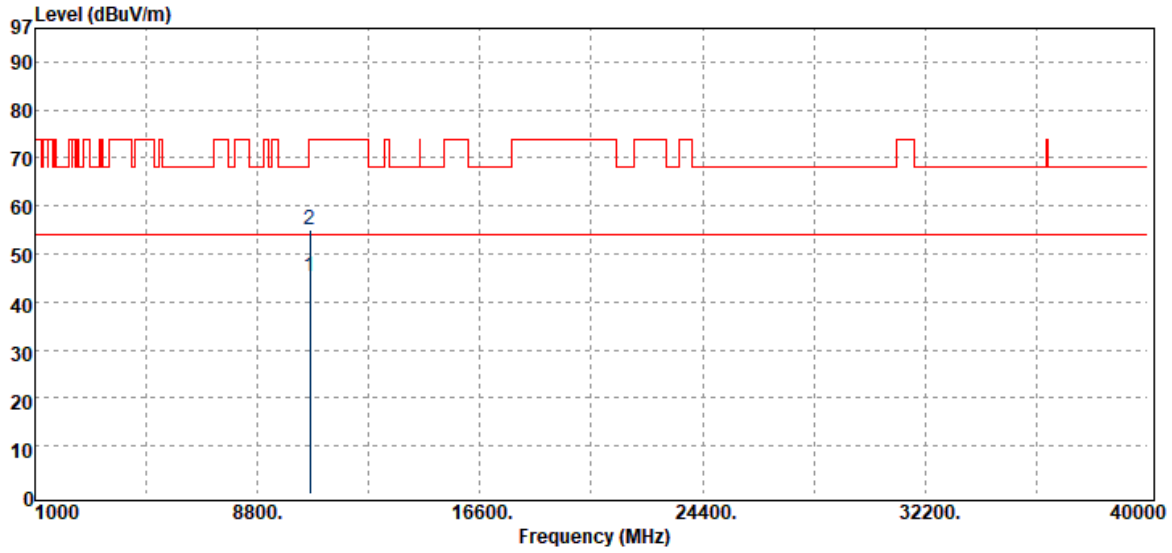
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10560.00	Peak	33.87	20.65	54.52	68.20	-13.68

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5320 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



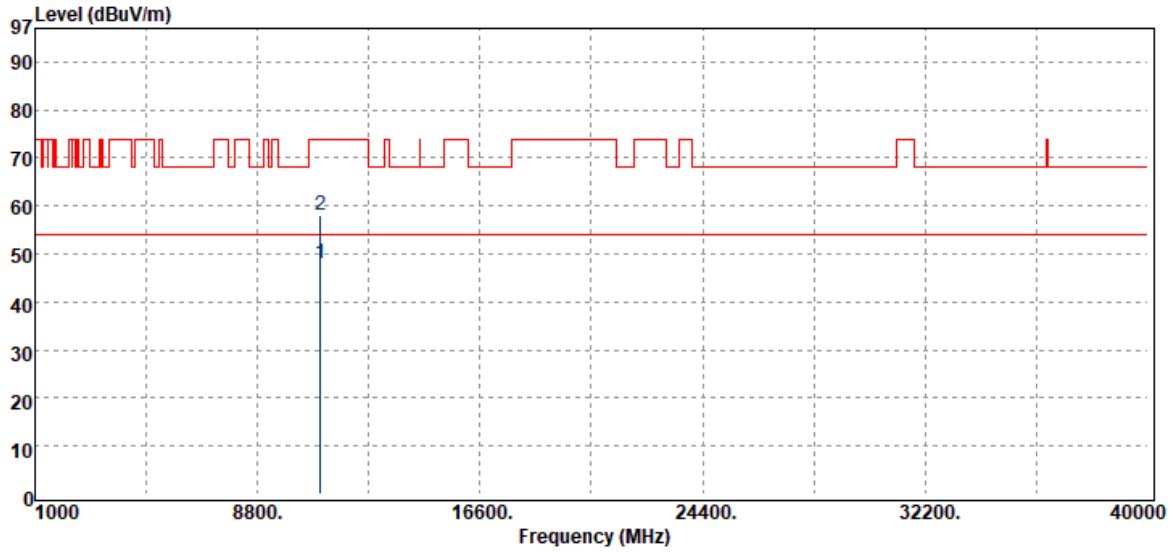
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10640.00	Average	24.75	20.69	45.44	54.00	-8.56
10640.00	Peak	34.34	20.69	55.03	74.00	-18.97

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5320 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



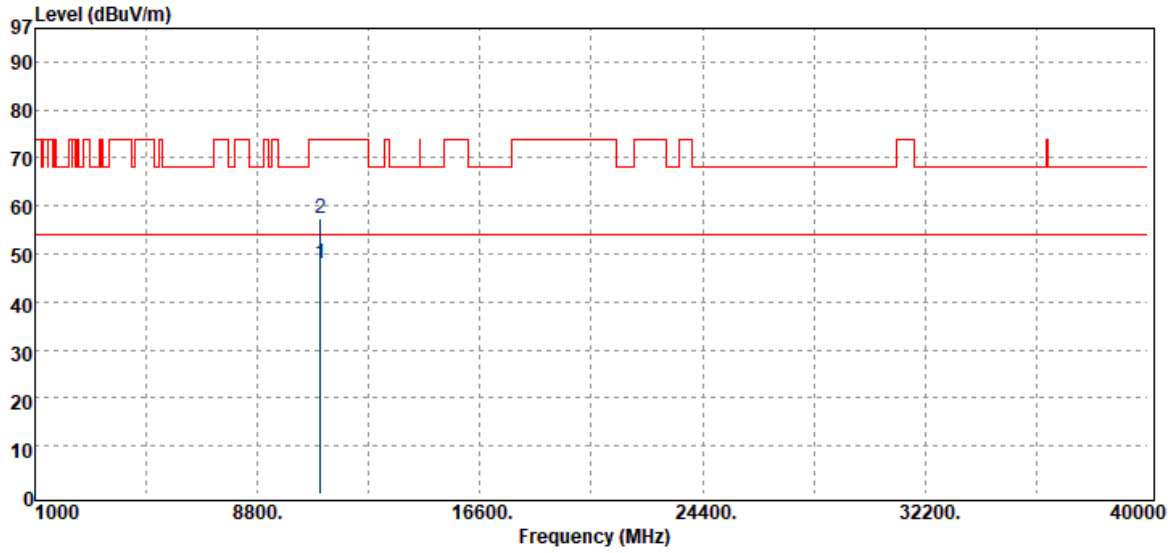
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
10640.00	Average	24.75	20.69	45.44	54.00	-8.56
10640.00	Peak	34.37	20.69	55.06	74.00	-18.94

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5500 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



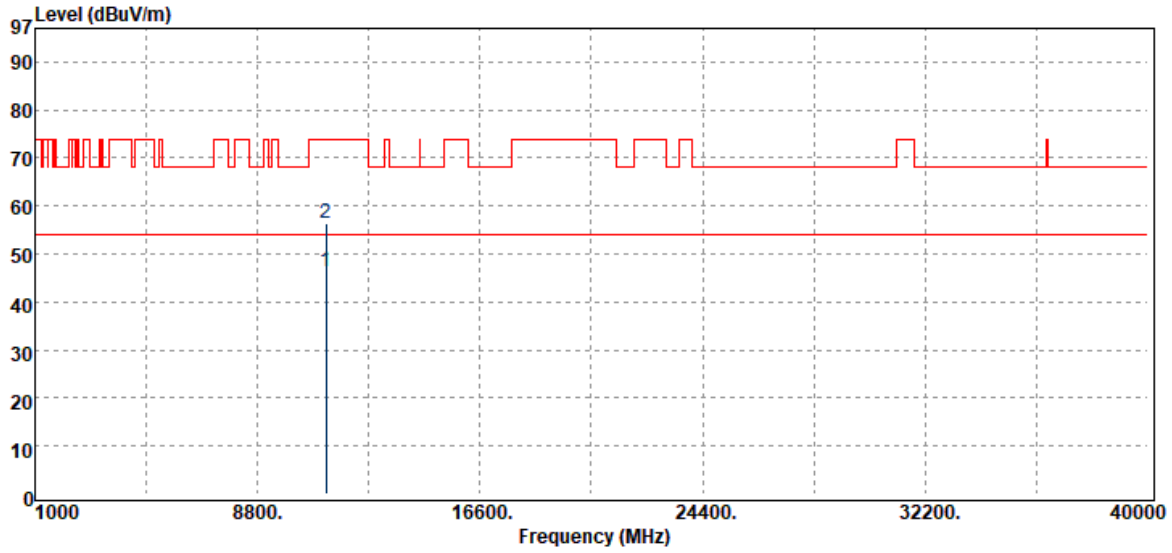
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11000.00	Average	24.51	23.55	48.06	54.00	-5.94
11000.00	Peak	34.47	23.55	58.02	74.00	-15.98

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5500 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



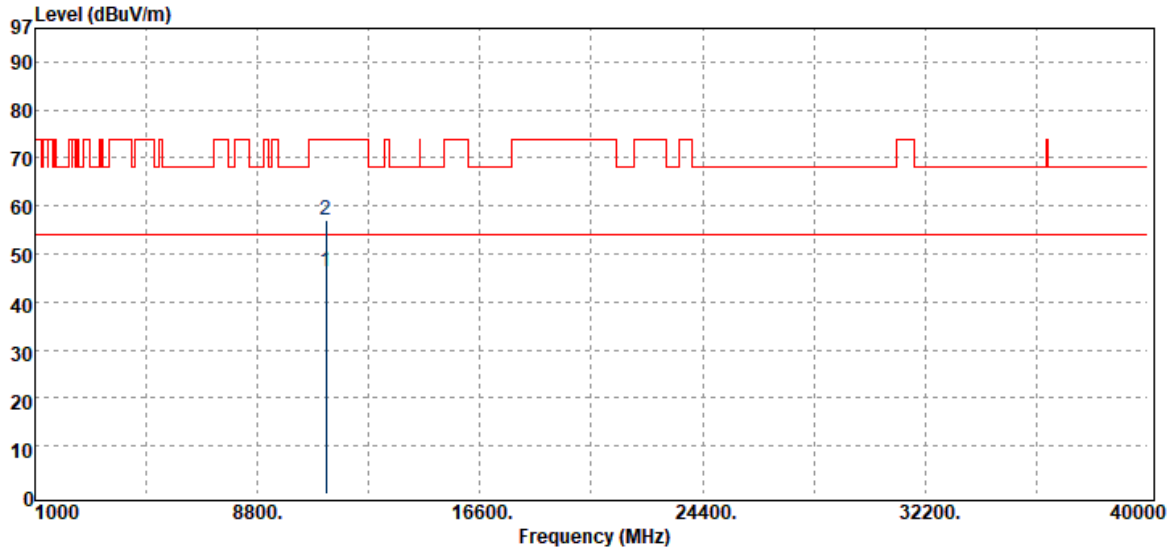
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11000.00	Average	24.51	23.55	48.06	54.00	-5.94
11000.00	Peak	33.88	23.55	57.43	74.00	-16.57

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5600 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



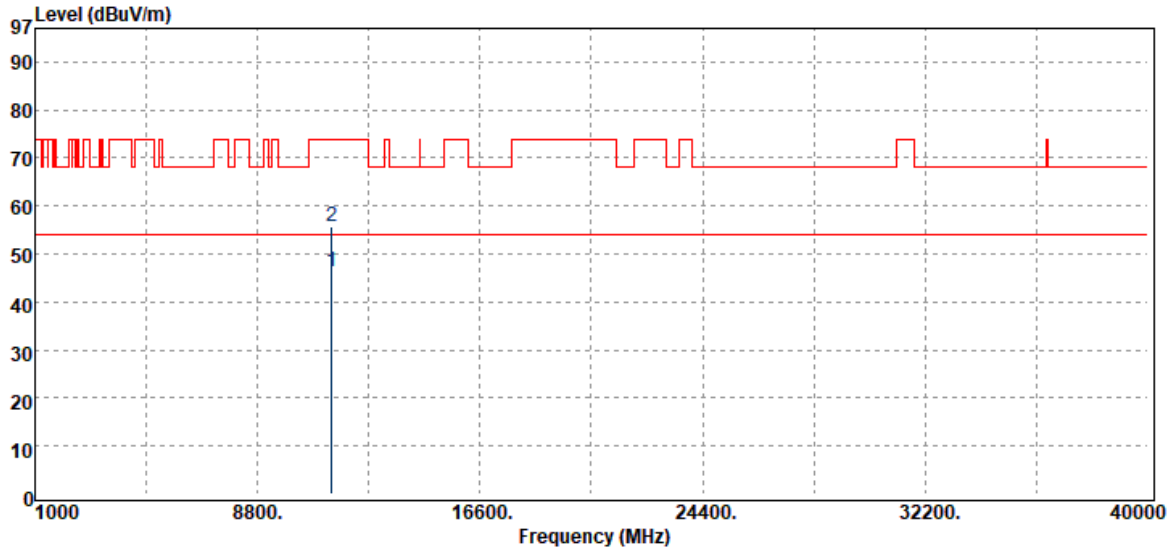
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11200.00	Average	24.66	21.74	46.40	54.00	-7.60
11200.00	Peak	34.69	21.74	56.43	74.00	-17.57

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5600 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



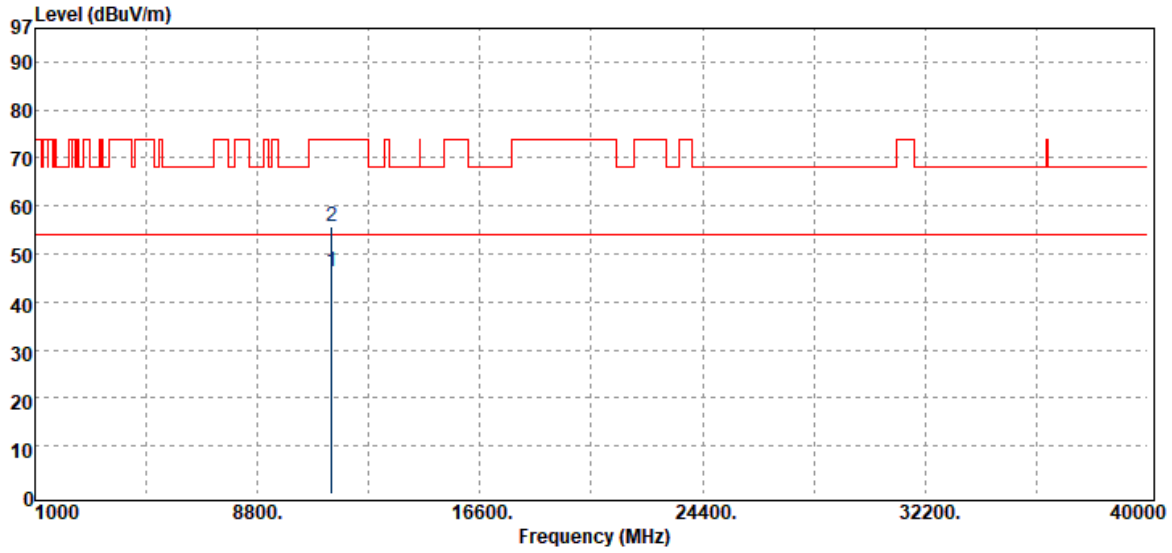
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11200.00	Average	24.69	21.74	46.43	54.00	-7.57
11200.00	Peak	35.45	21.74	57.19	74.00	-16.81

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5700 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



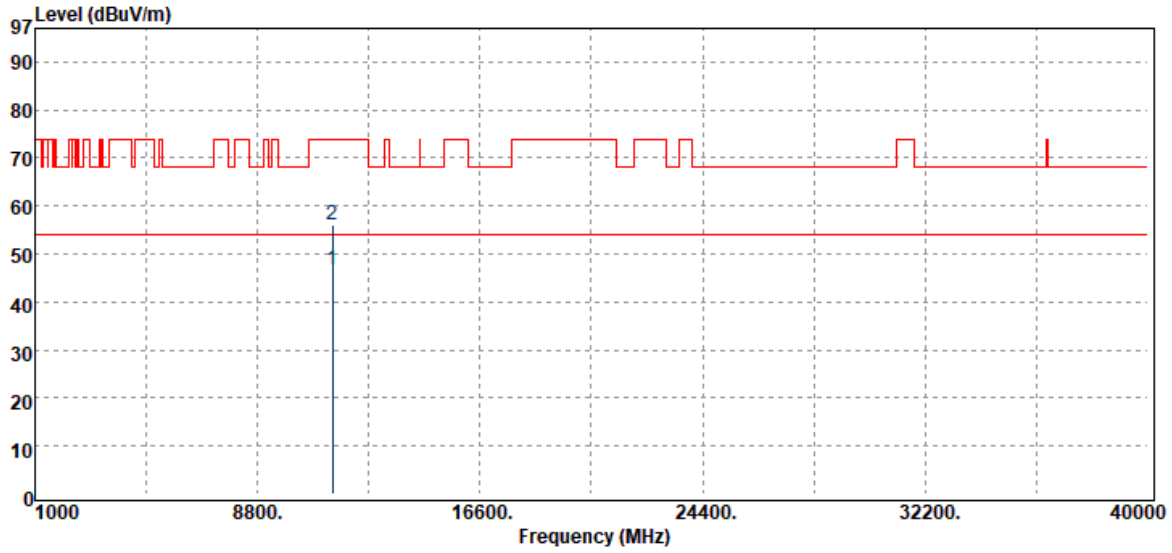
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11400.00	Average	24.35	22.09	46.44	54.00	-7.56
11400.00	Peak	33.59	22.09	55.68	74.00	-18.32

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5700 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



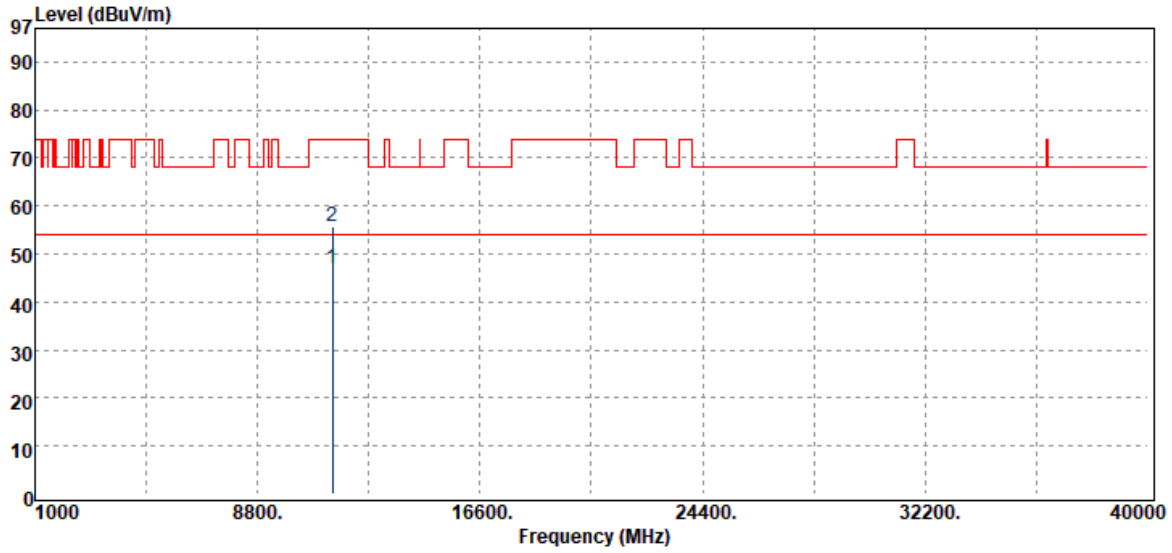
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11400.00	Average	24.38	22.09	46.47	54.00	-7.53
11400.00	Peak	33.79	22.09	55.88	74.00	-18.12

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5720 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



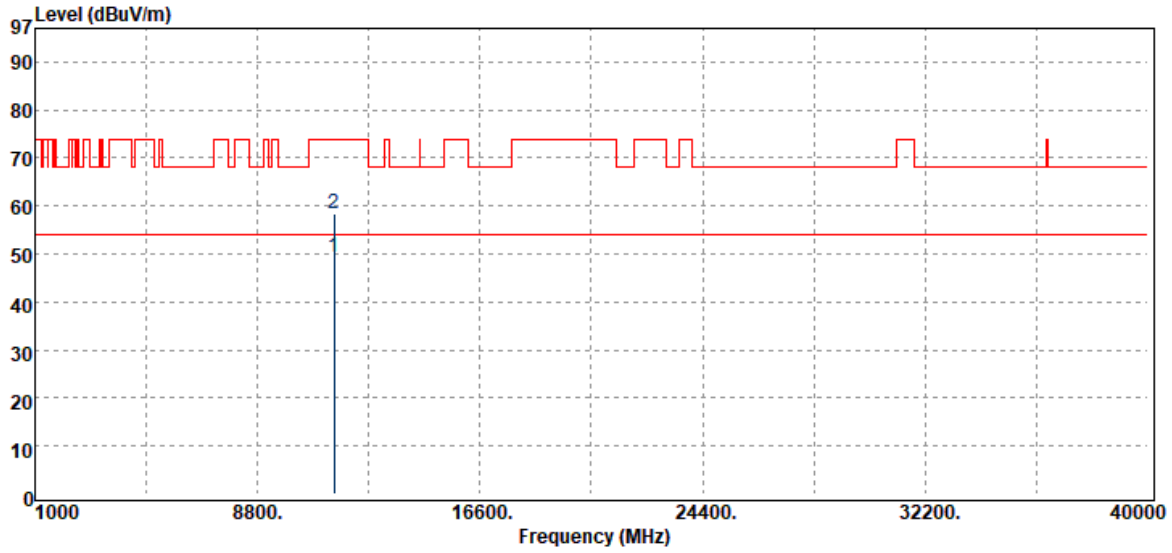
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11440.00	Average	24.03	22.77	46.80	54.00	-7.20
11440.00	Peak	33.19	22.77	55.96	74.00	-18.04

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5720 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



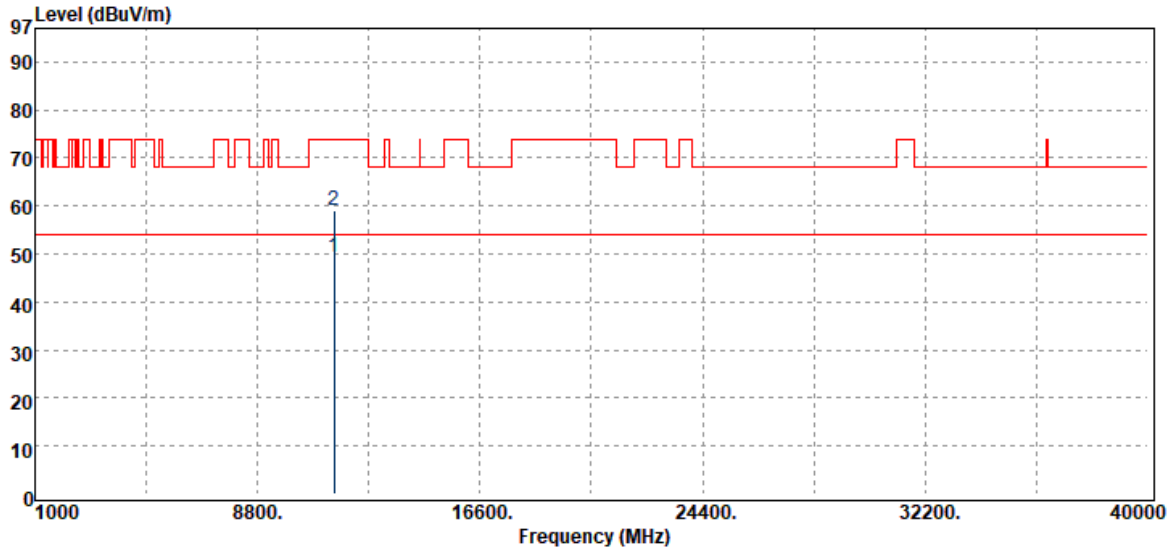
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11440.00	Average	24.07	22.77	46.84	54.00	-7.16
11440.00	Peak	32.86	22.77	55.63	74.00	-18.37

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5745 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



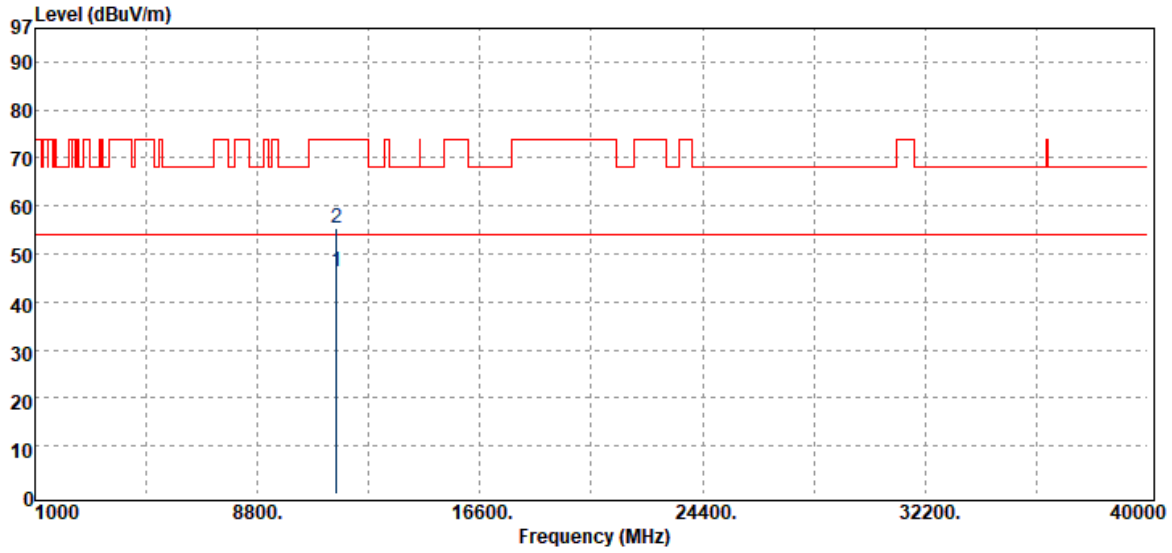
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11490.00	Average	23.92	25.46	49.38	54.00	-4.62
11490.00	Peak	32.84	25.46	58.30	74.00	-15.70

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5745 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



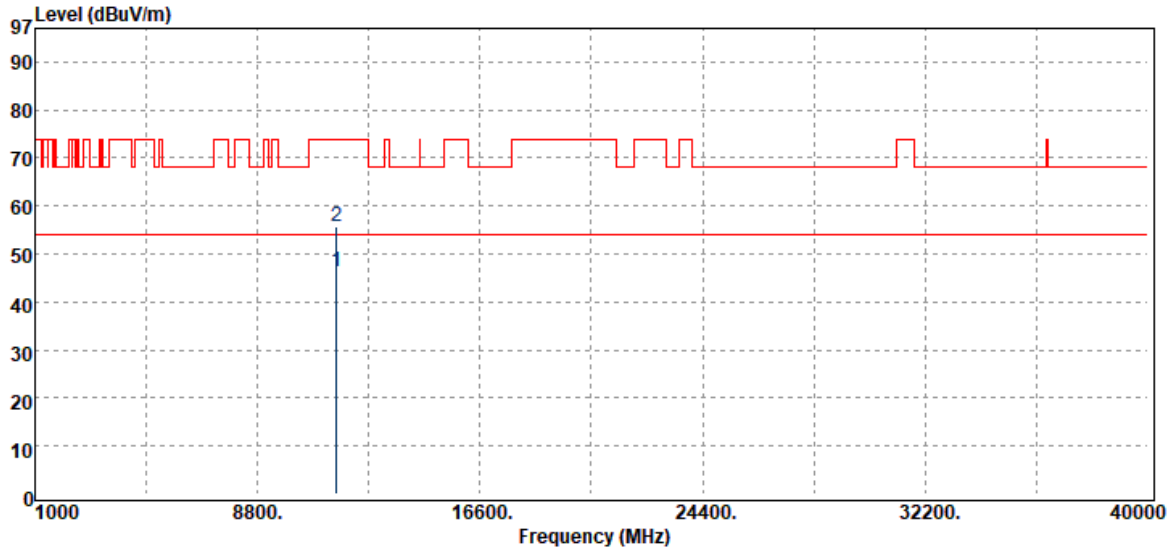
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11490.00	Average	23.82	25.46	49.28	54.00	-4.72
11490.00	Peak	33.58	25.46	59.04	74.00	-14.96

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5785 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



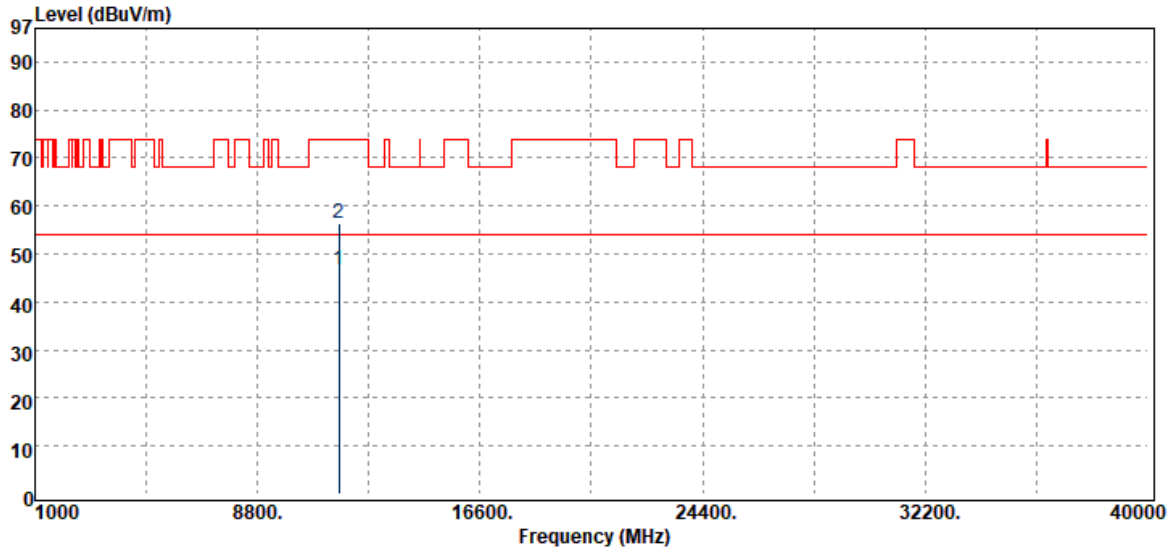
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11570.00	Average	24.36	21.87	46.23	54.00	-7.77
11570.00	Peak	33.44	21.87	55.31	74.00	-18.69

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5785 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



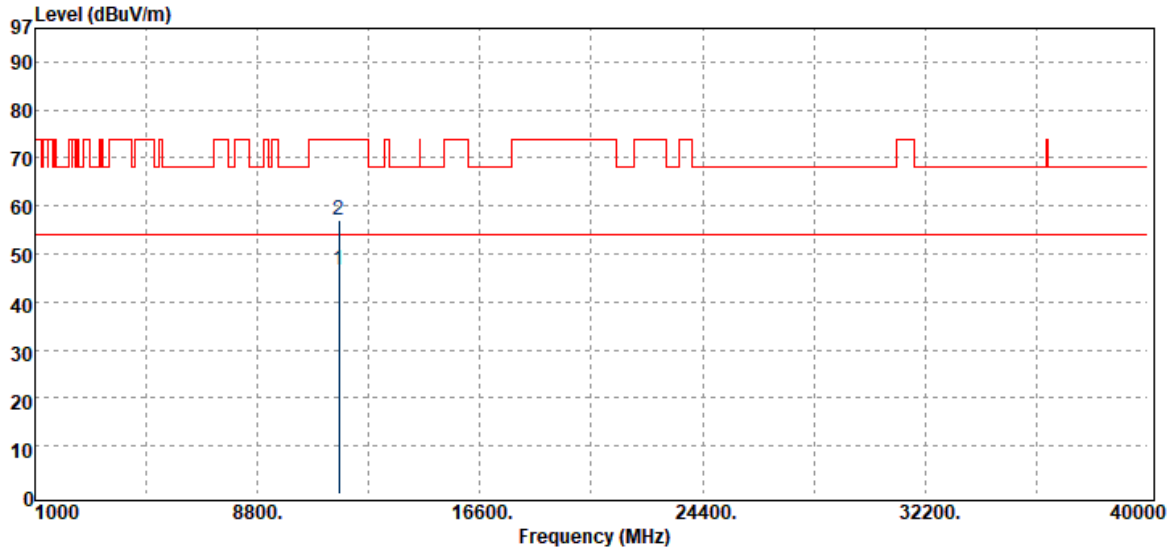
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11570.00	Average	24.33	21.87	46.20	54.00	-7.80
11570.00	Peak	33.73	21.87	55.60	74.00	-18.40

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5825 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



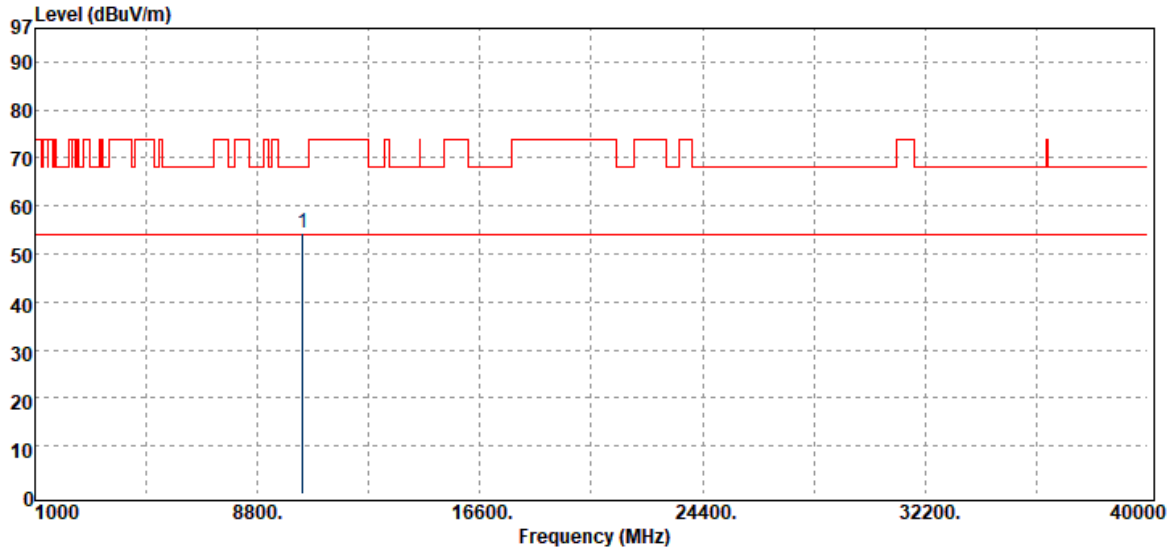
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11650.00	Average	23.93	22.86	46.79	54.00	-7.21
11650.00	Peak	33.67	22.86	56.53	74.00	-17.47

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2021-05-12
Test Frequency	:5825 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



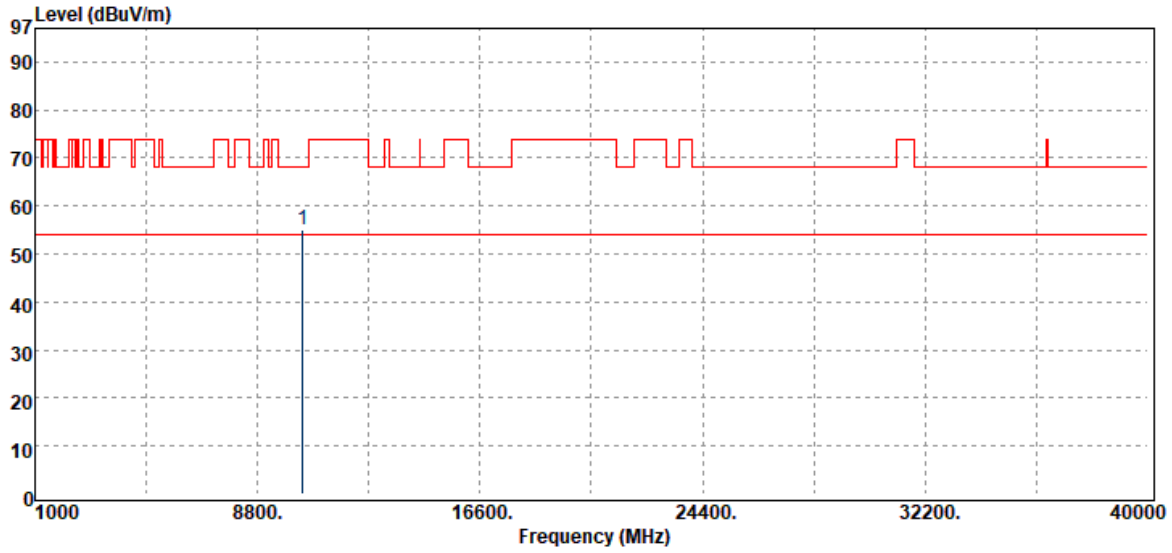
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11650.00	Average	23.93	22.86	46.79	54.00	-7.21
11650.00	Peak	34.12	22.86	56.98	74.00	-17.02

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5190 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



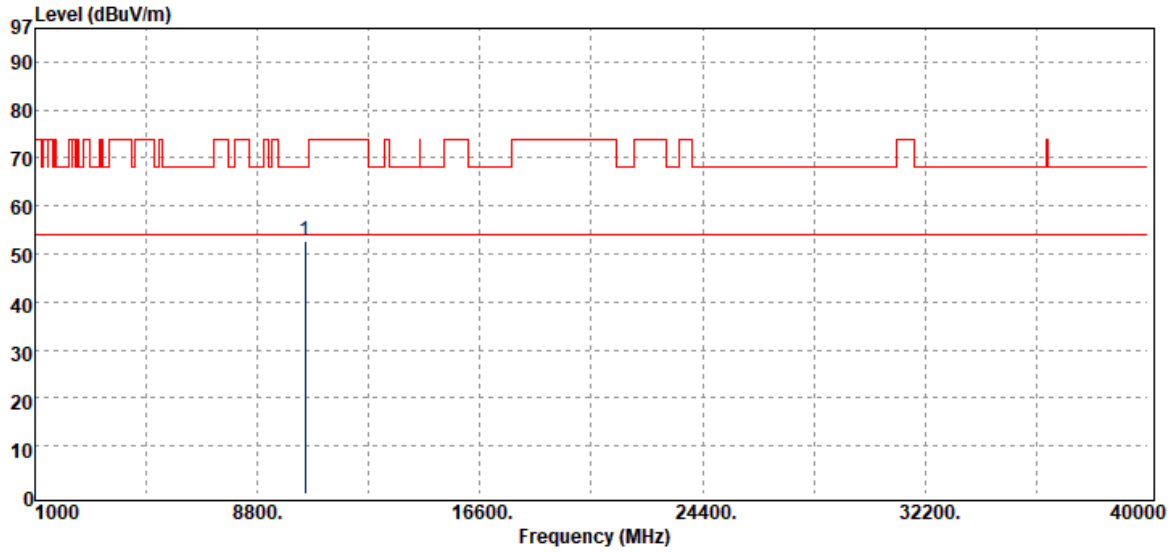
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10380.00	Peak	34.32	20.06	54.38	68.20	-13.82

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5190 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



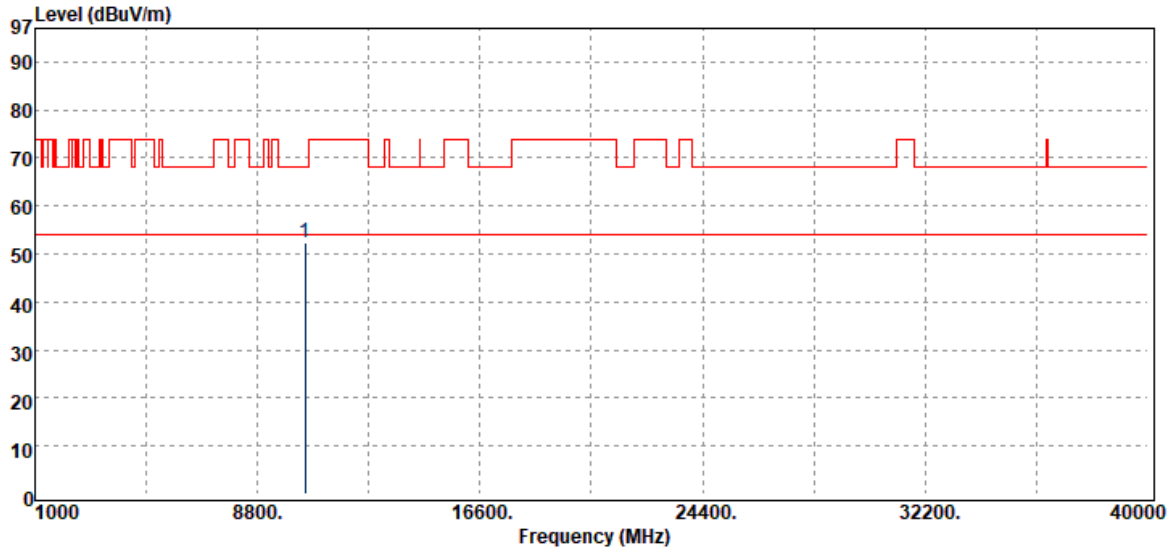
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10380.00	Peak	35.09	20.06	55.15	68.20	-13.05

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5230 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



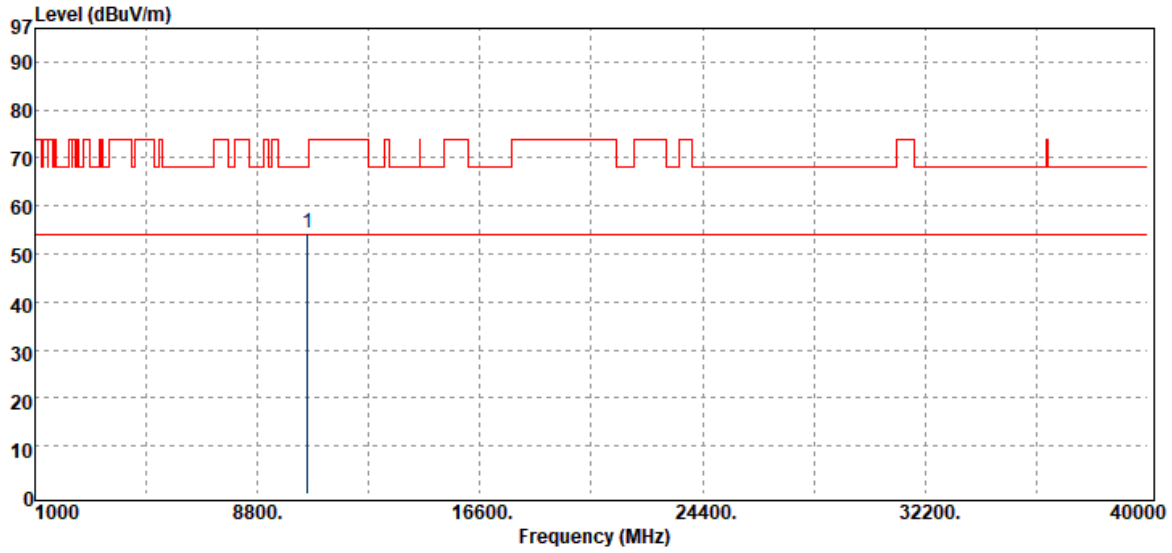
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10460.00	Peak	34.01	18.59	52.60	68.20	-15.60

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5230 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



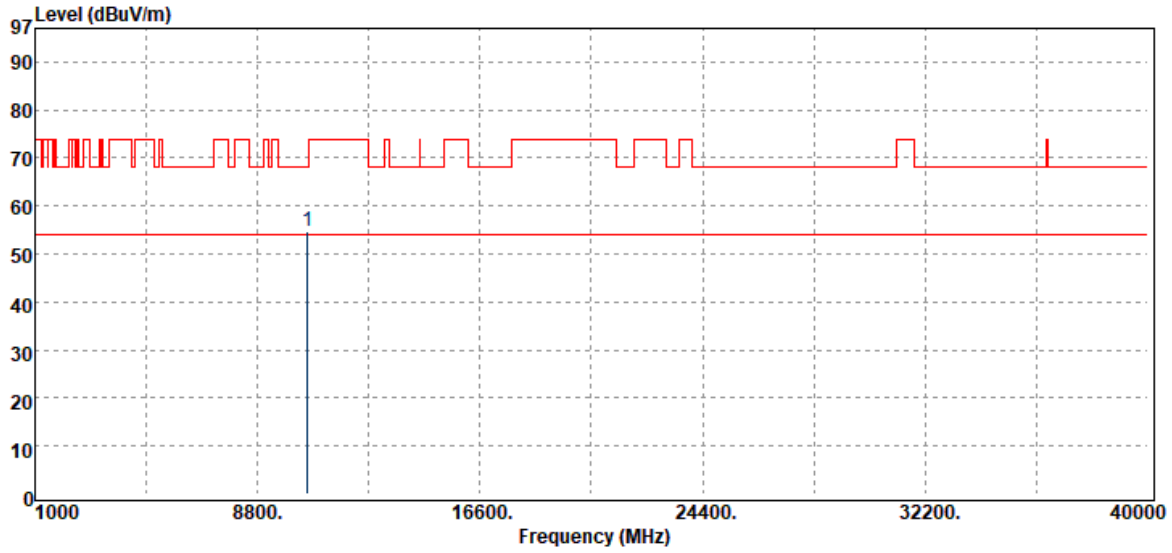
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10460.00	Peak	33.67	18.59	52.26	68.20	-15.94

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5270 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



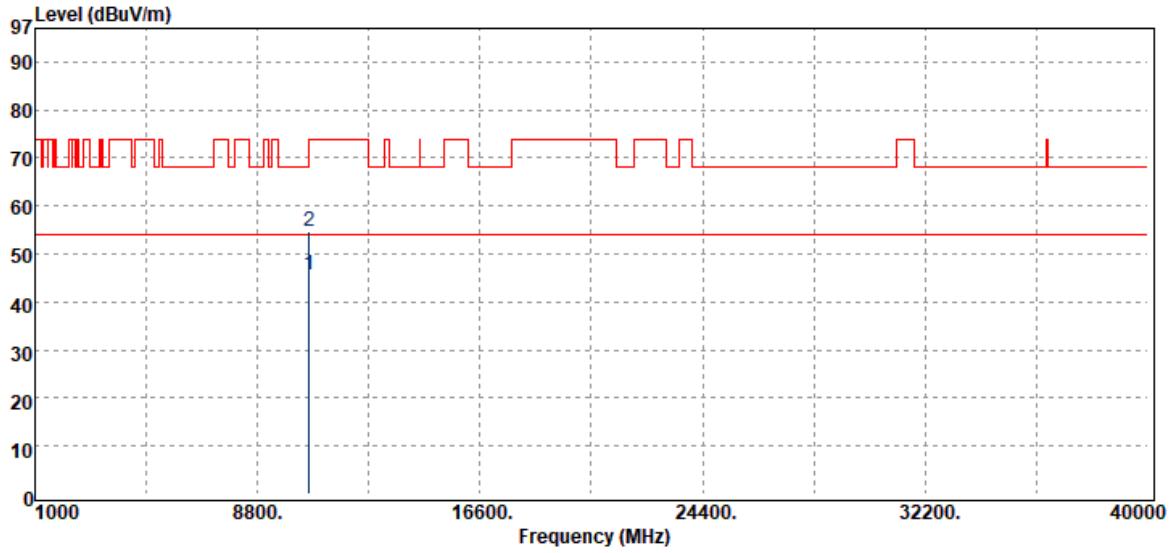
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10540.00	Peak	33.93	20.49	54.42	68.20	-13.78

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5270 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



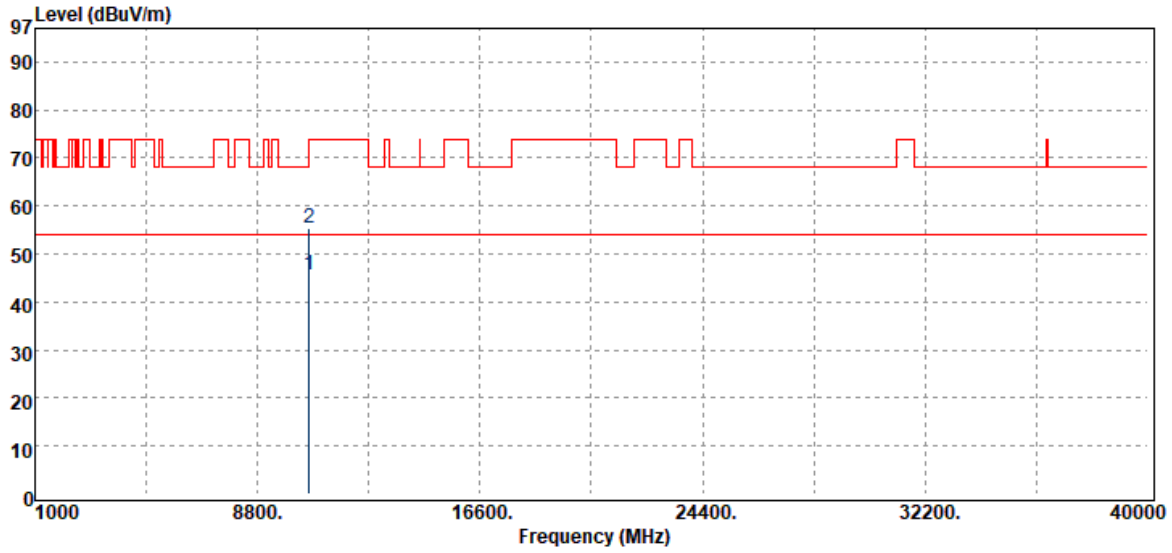
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10540.00	Peak	34.30	20.49	54.79	68.20	-13.41

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5310 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



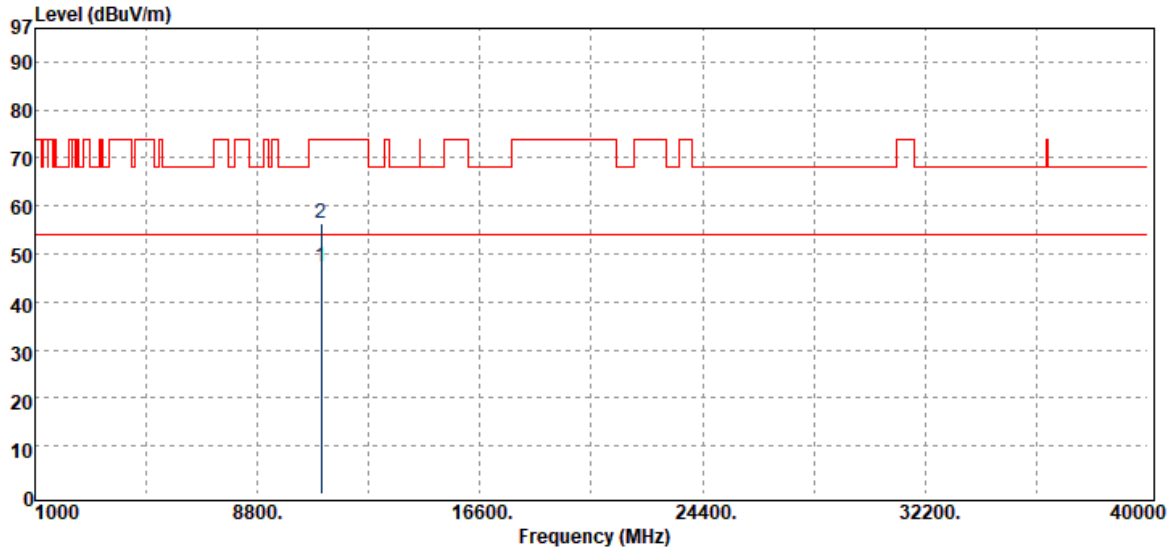
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
10620.00	Average	24.86	20.73	45.59	54.00	-8.41
10620.00	Peak	34.01	20.73	54.74	74.00	-19.26

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5310 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



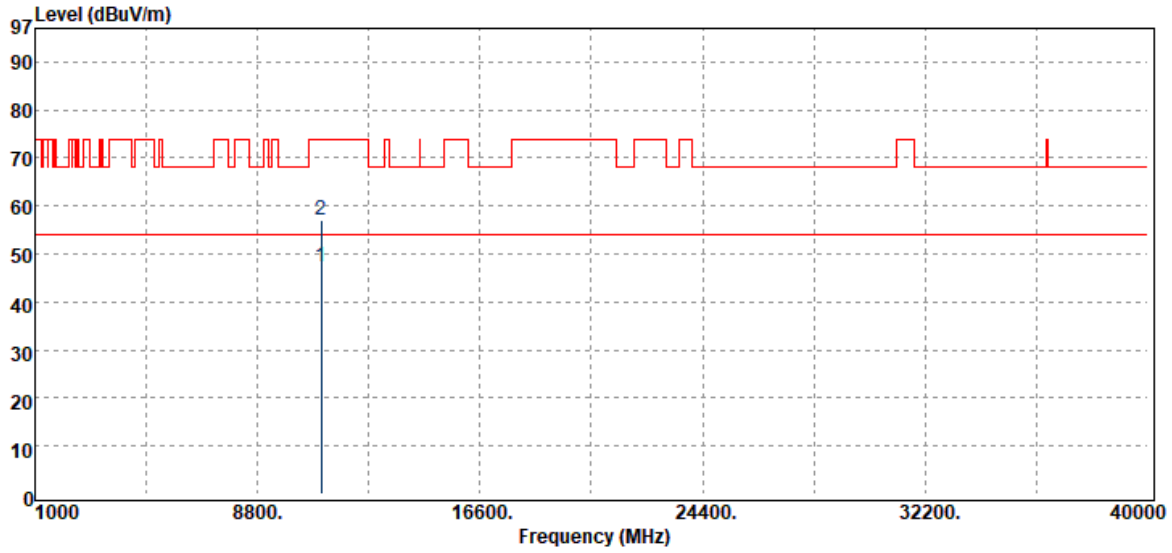
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
10620.00	Average	24.76	20.73	45.49	54.00	-8.51
10620.00	Peak	34.50	20.73	55.23	74.00	-18.77

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5510 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



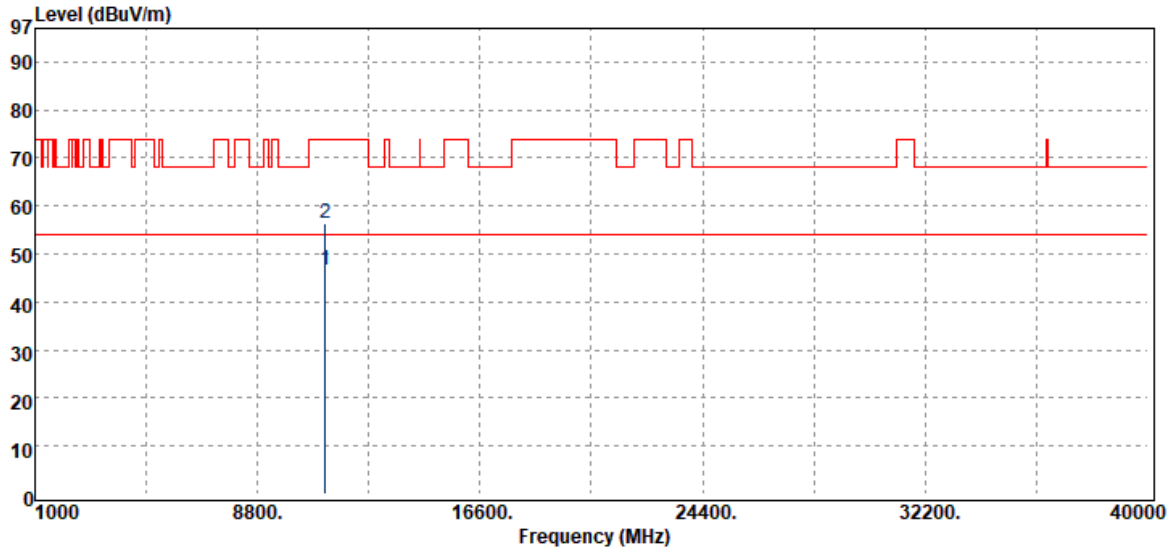
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11020.00	Average	24.40	23.02	47.42	54.00	-6.58
11020.00	Peak	33.53	23.02	56.55	74.00	-17.45

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5510 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



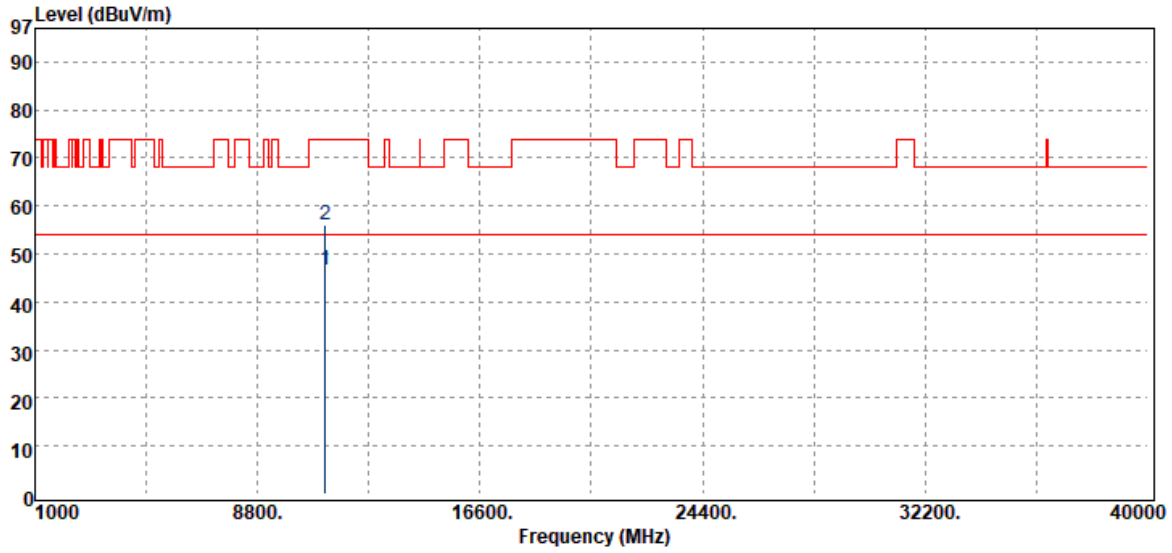
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11020.00	Average	24.33	23.02	47.35	54.00	-6.65
11020.00	Peak	33.97	23.02	56.99	74.00	-17.01

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5590 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



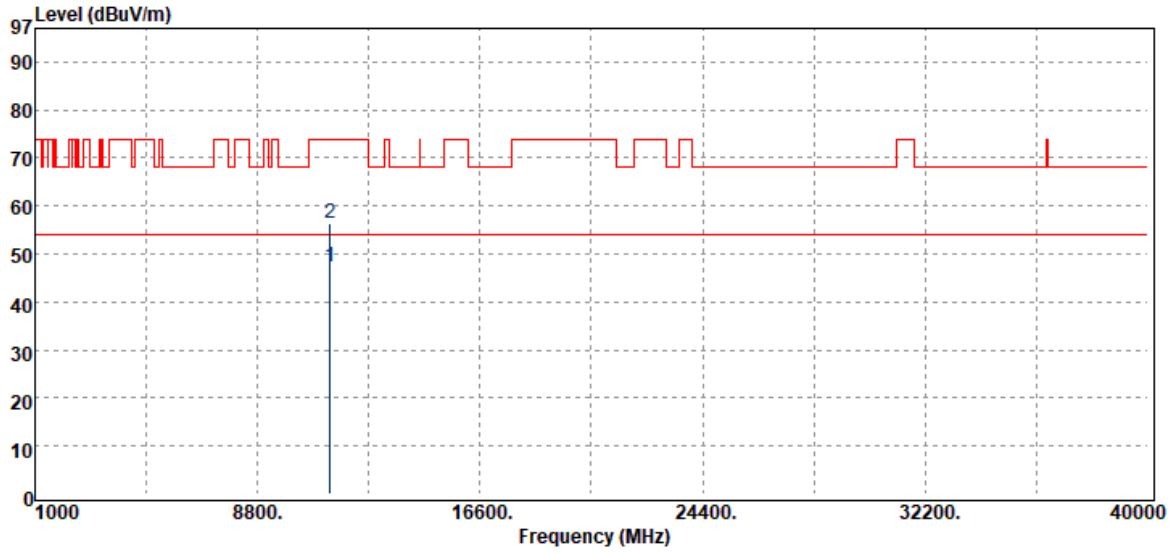
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11180.00	Average	24.76	21.79	46.55	54.00	-7.45
11180.00	Peak	34.61	21.79	56.40	74.00	-17.60

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5590 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



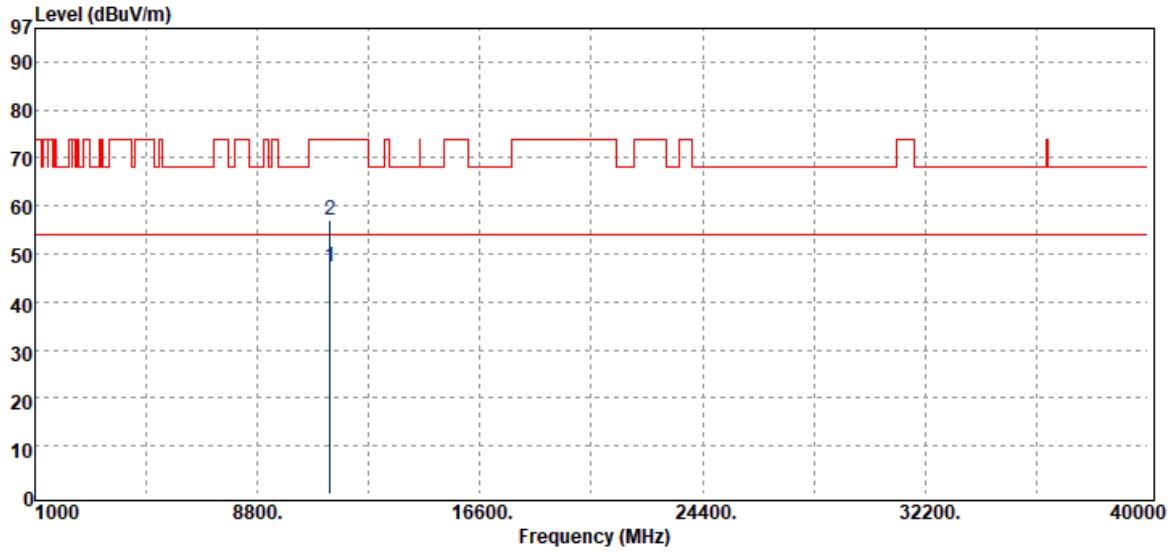
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11180.00	Average	24.73	21.79	46.52	54.00	-7.48
11180.00	Peak	34.19	21.79	55.98	74.00	-18.02

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5670 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



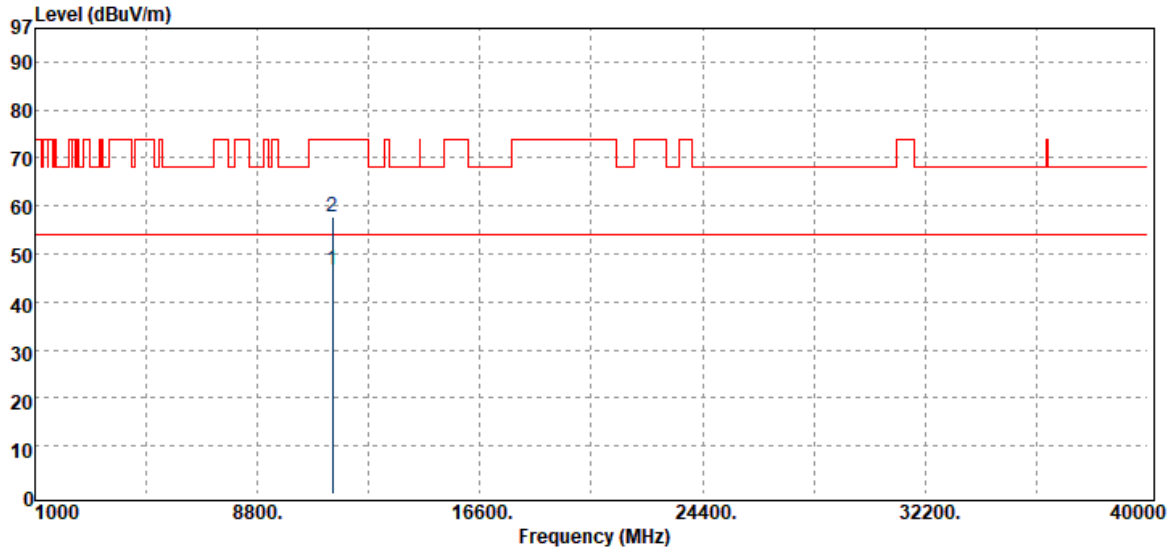
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11340.00	Average	24.63	22.80	47.43	54.00	-6.57
11340.00	Peak	33.61	22.80	56.41	74.00	-17.59

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5670 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



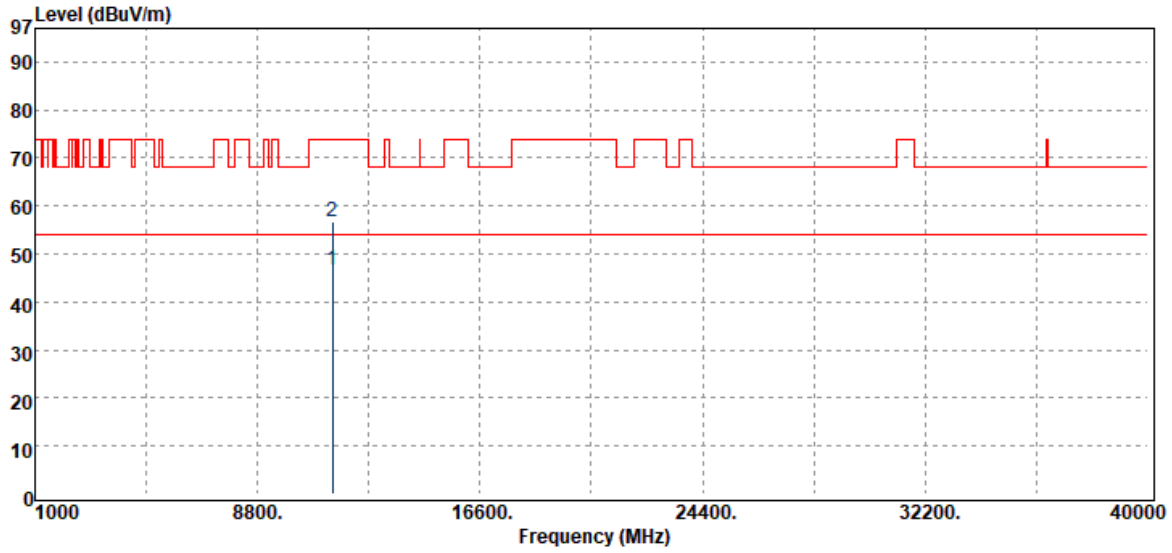
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11340.00	Average	24.56	22.80	47.36	54.00	-6.64
11340.00	Peak	34.39	22.80	57.19	74.00	-16.81

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5710 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



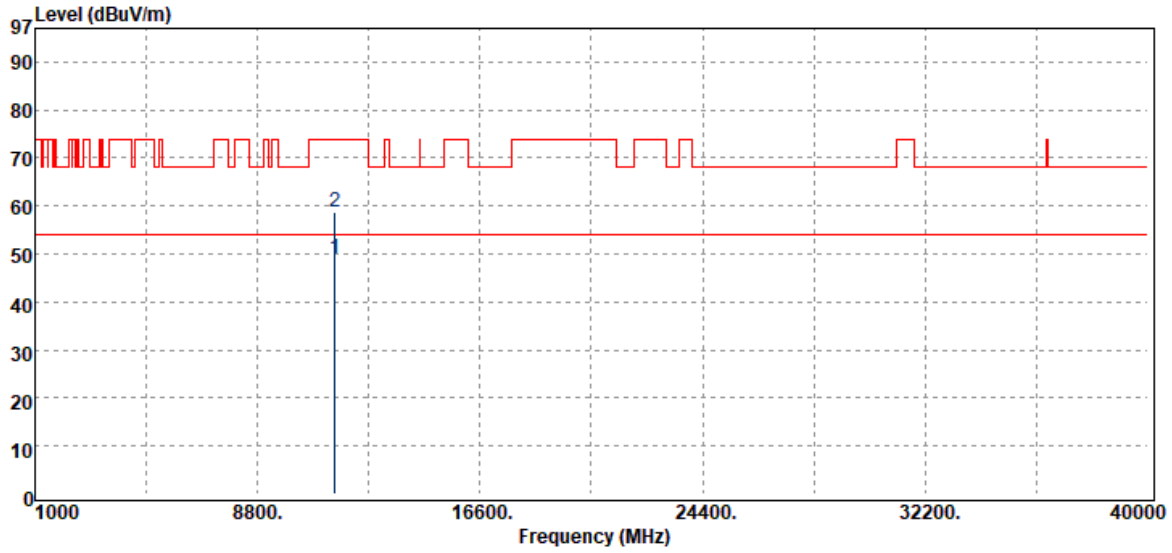
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11420.00	Average	24.19	22.43	46.62	54.00	-7.38
11420.00	Peak	35.18	22.43	57.61	74.00	-16.39

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5710 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



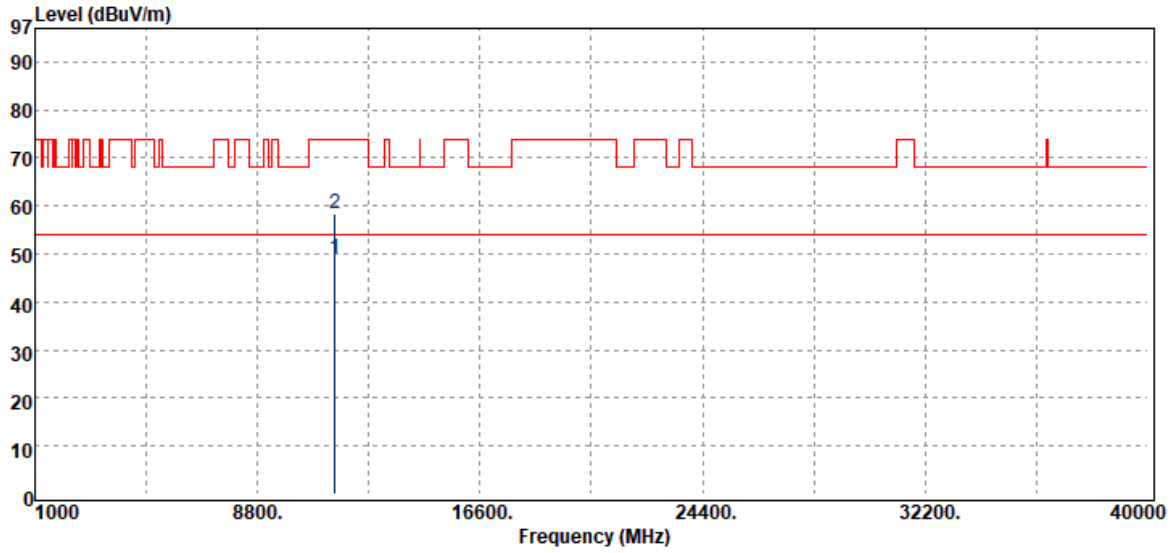
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11420.00	Average	24.09	22.43	46.52	54.00	-7.48
11420.00	Peak	34.32	22.43	56.75	74.00	-17.25

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5755 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



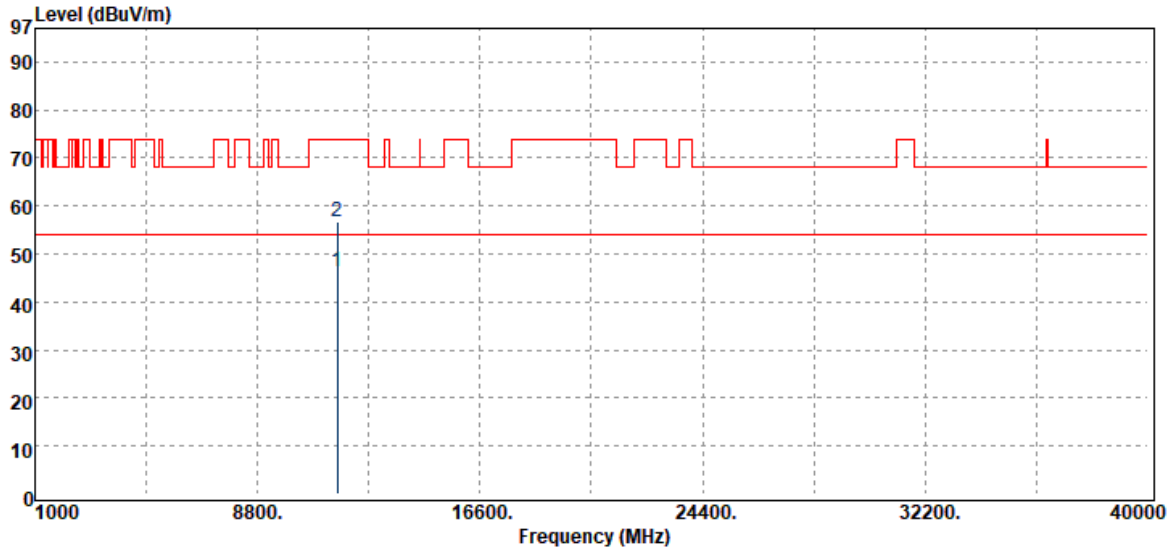
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11510.00	Average	23.85	25.29	49.14	54.00	-4.86
11510.00	Peak	33.56	25.29	58.85	74.00	-15.15

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5755 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



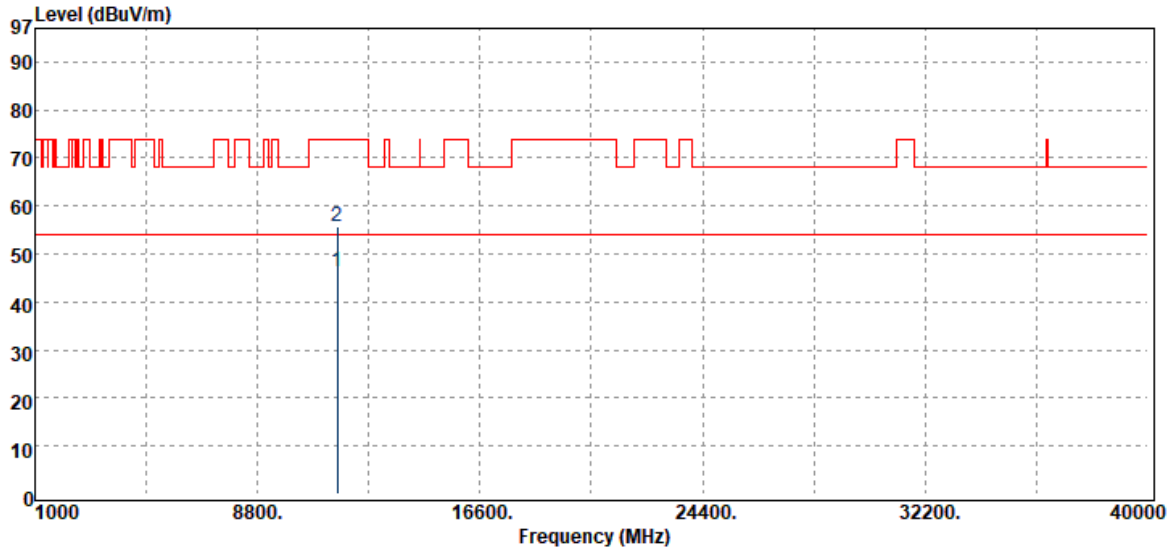
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11510.00	Average	23.88	25.29	49.17	54.00	-4.83
11510.00	Peak	33.20	25.29	58.49	74.00	-15.51

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5795 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



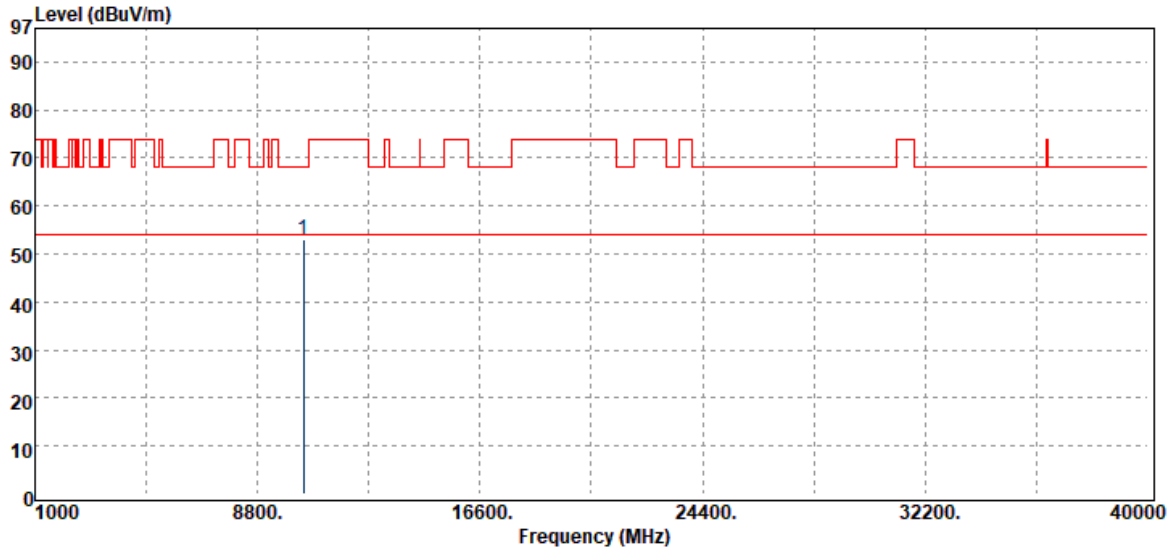
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11590.00	Average	24.74	21.67	46.41	54.00	-7.59
11590.00	Peak	34.93	21.67	56.60	74.00	-17.40

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2021-05-12
Test Frequency	:5795 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



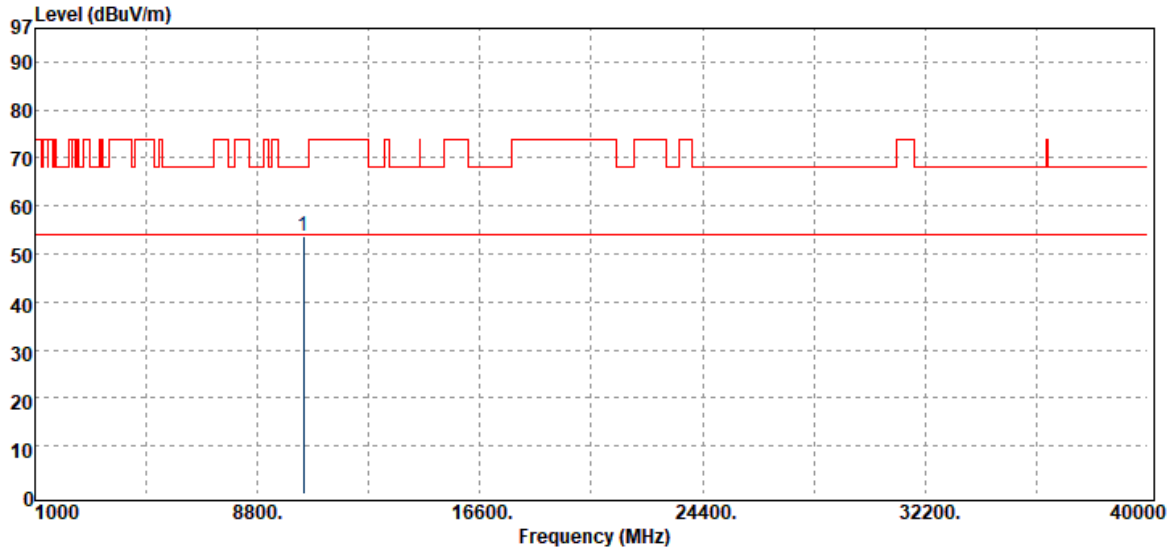
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11590.00	Average	24.77	21.67	46.44	54.00	-7.56
11590.00	Peak	34.13	21.67	55.80	74.00	-18.20

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2021-05-12
Test Frequency	:5210 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



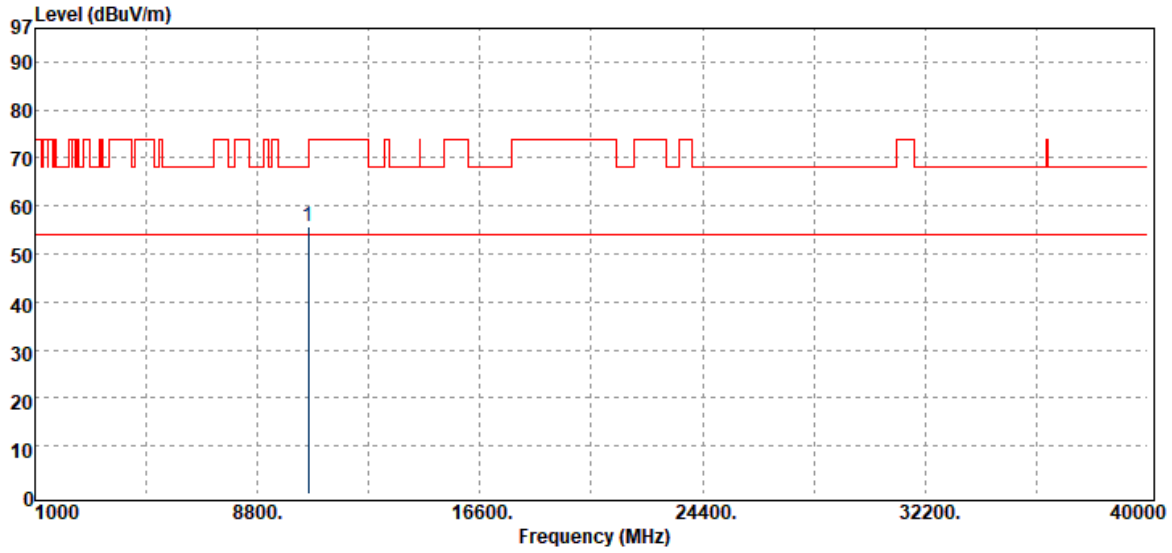
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10420.00	Peak	34.53	18.66	53.19	68.20	-15.01

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2021-05-12
Test Frequency	:5210 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



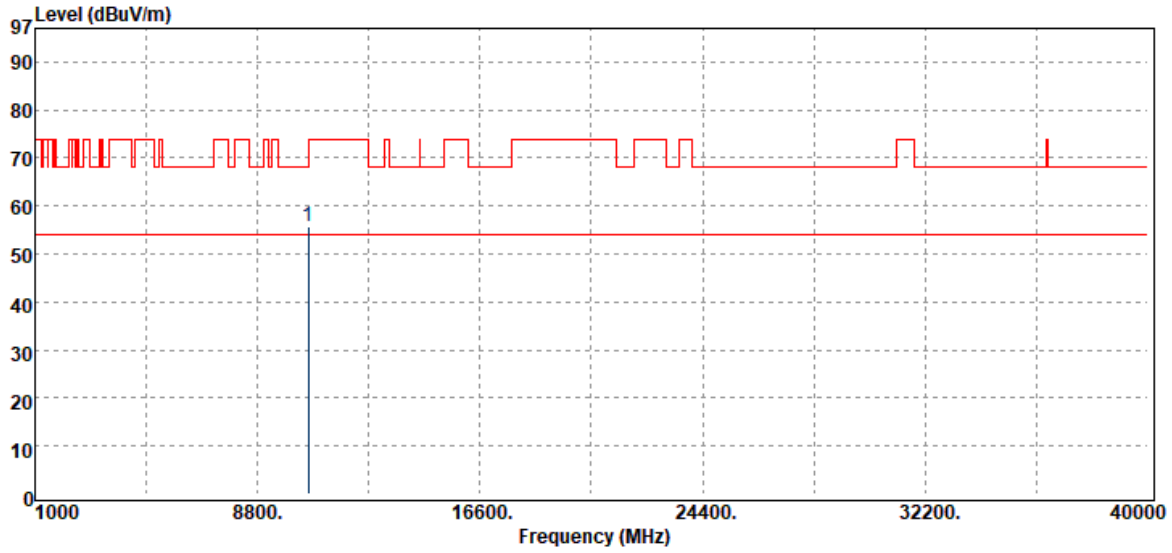
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10420.00	Peak	35.11	18.66	53.77	68.20	-14.43

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2021-05-12
Test Frequency	:5290 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



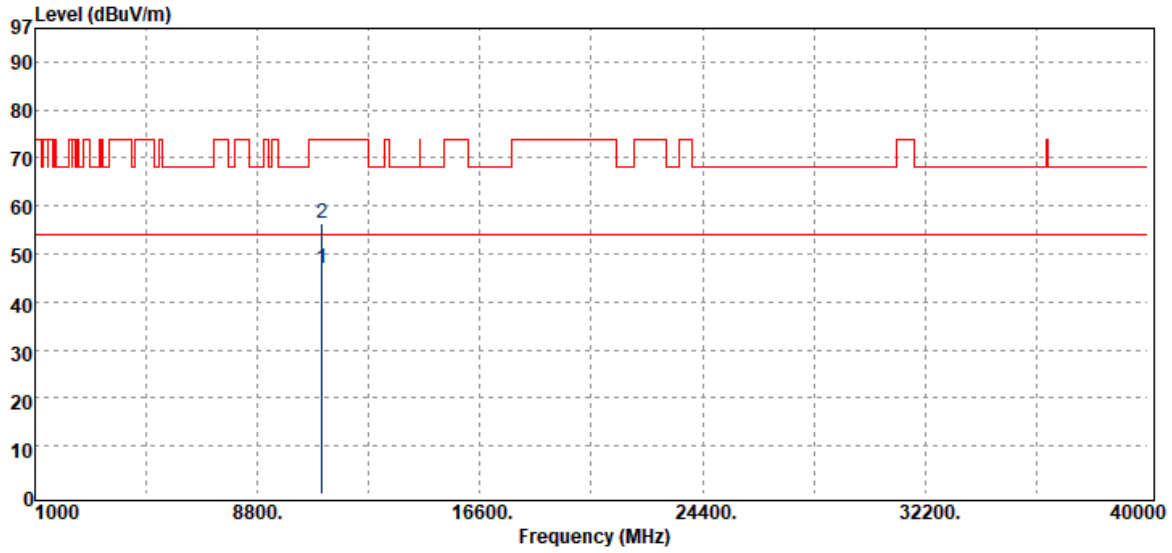
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10580.00	Peak	34.86	20.72	55.58	68.20	-12.62

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2021-05-12
Test Frequency	:5290 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



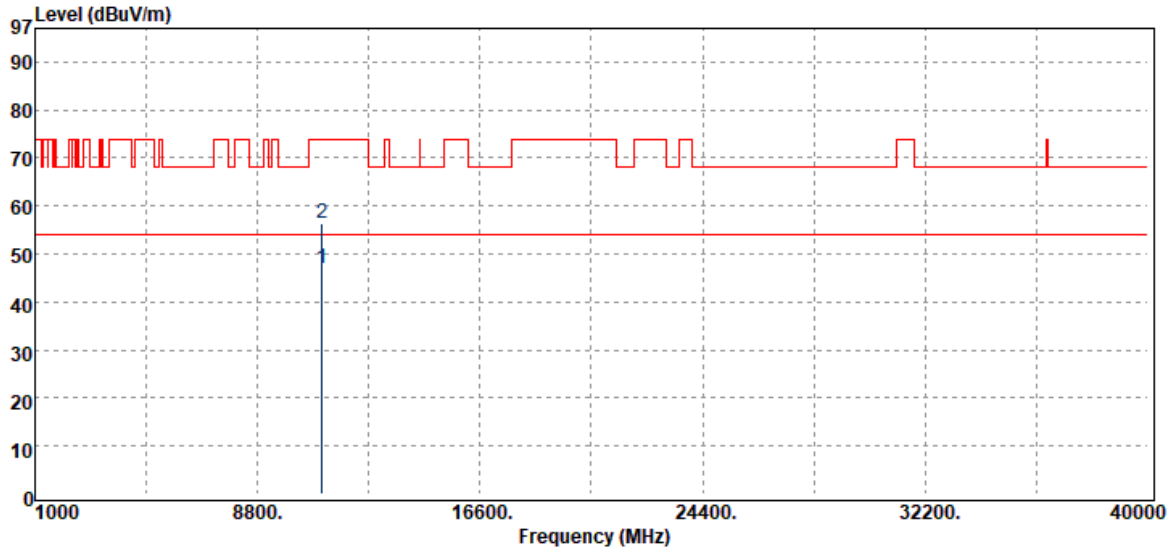
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10580.00	Peak	35.00	20.72	55.72	68.20	-12.48

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2021-05-12
Test Frequency	:5530 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



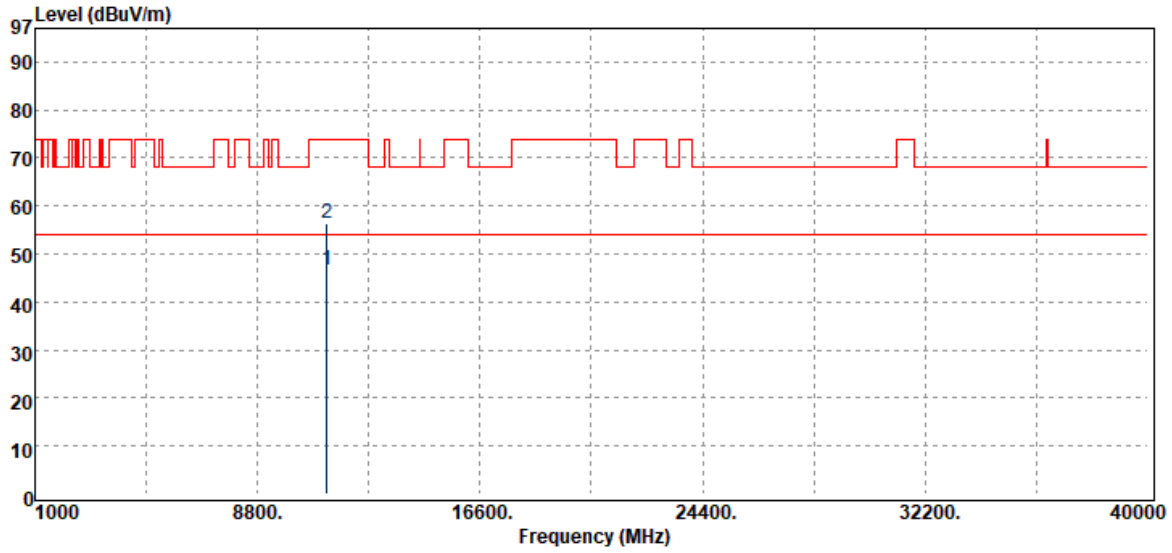
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11060.00	Average	24.45	22.51	46.96	54.00	-7.04
11060.00	Peak	33.99	22.51	56.50	74.00	-17.50

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2021-05-12
Test Frequency	:5530 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



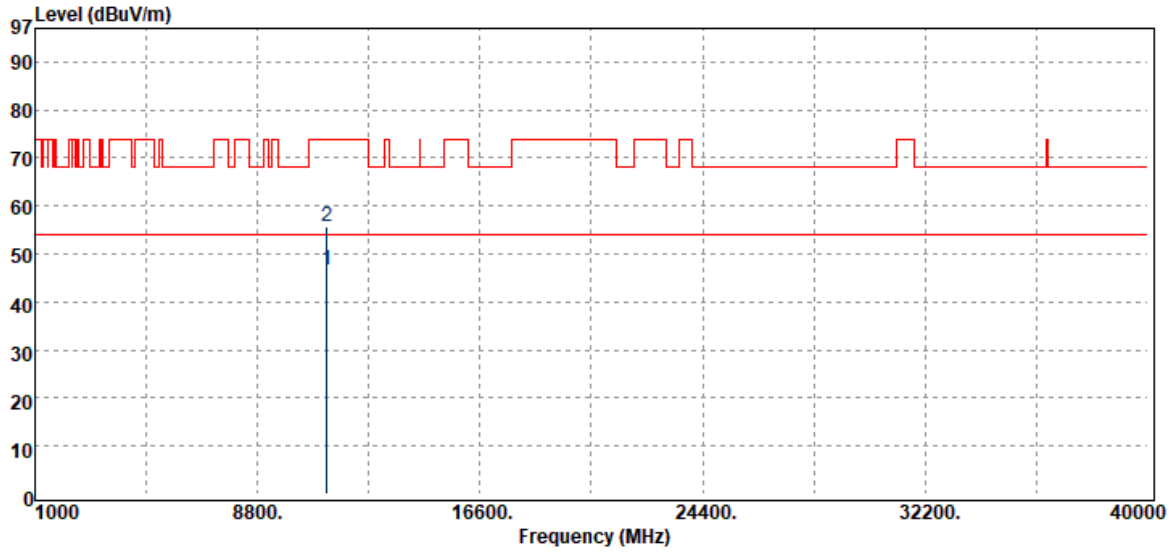
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11060.00	Average	24.32	22.51	46.83	54.00	-7.17
11060.00	Peak	33.80	22.51	56.31	74.00	-17.69

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2021-05-12
Test Frequency	:5610 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



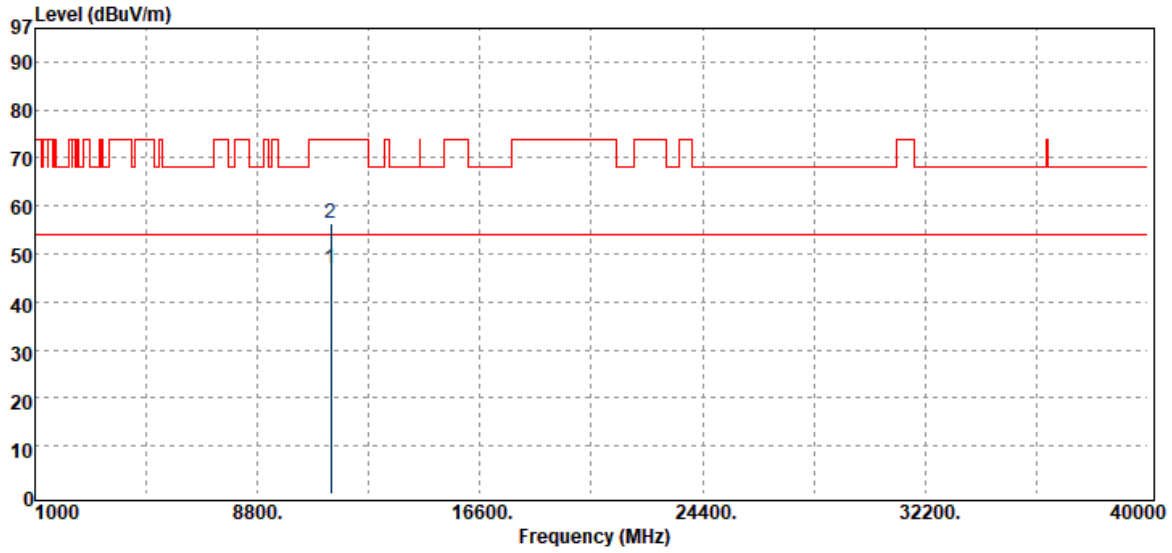
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11220.00	Average	24.57	22.01	46.58	54.00	-7.42
11220.00	Peak	34.37	22.01	56.38	74.00	-17.62

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2021-05-12
Test Frequency	:5610 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



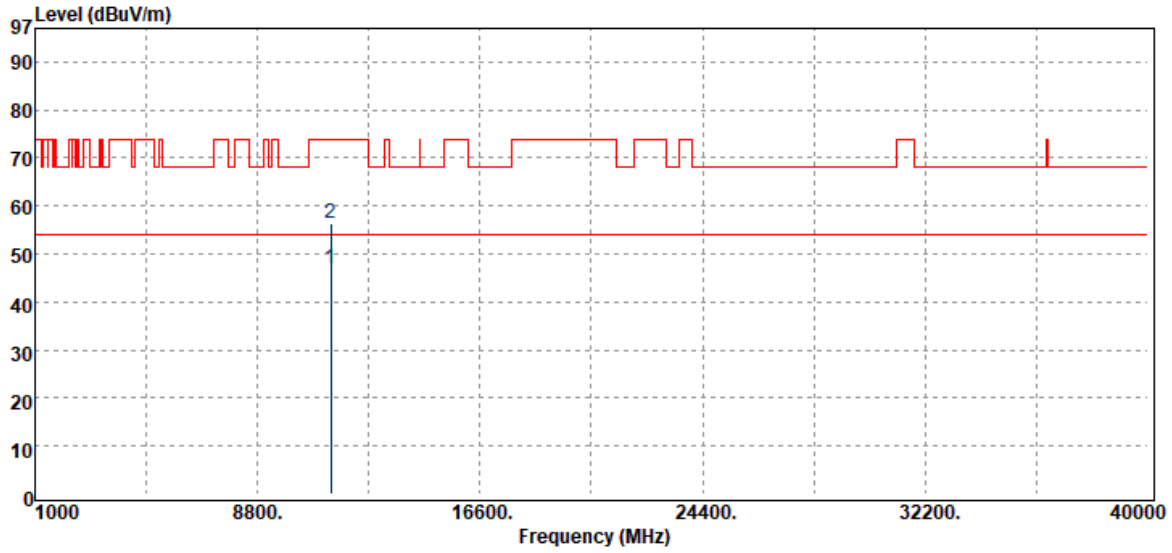
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11220.00	Average	24.54	22.01	46.55	54.00	-7.45
11220.00	Peak	33.76	22.01	55.77	74.00	-18.23

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2021-05-12
Test Frequency	:5690 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



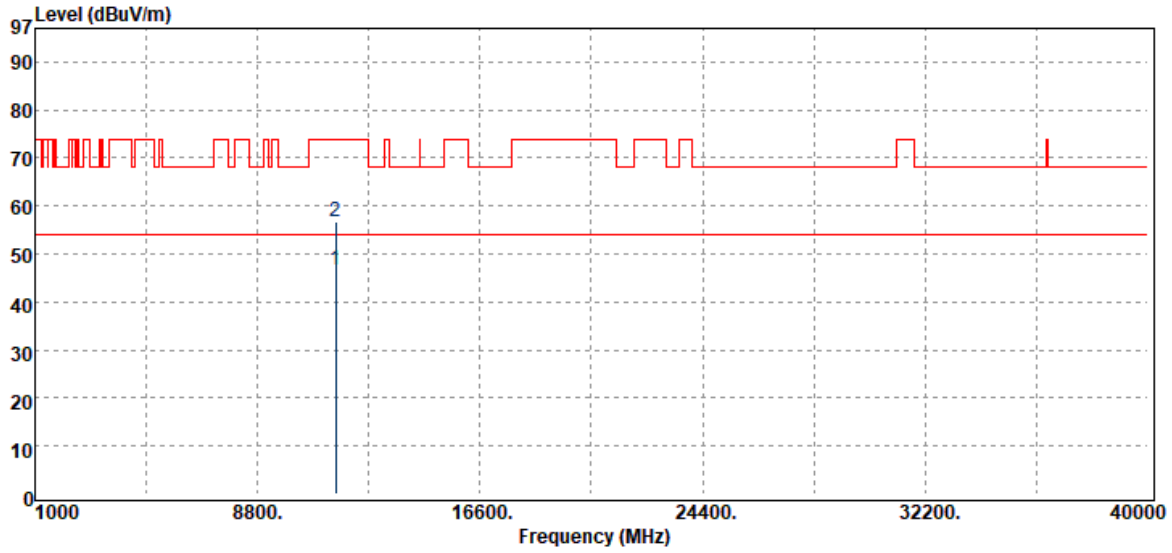
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11380.00	Average	24.62	22.46	47.08	54.00	-6.92
11380.00	Peak	34.05	22.46	56.51	74.00	-17.49

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2021-05-12
Test Frequency	:5690 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



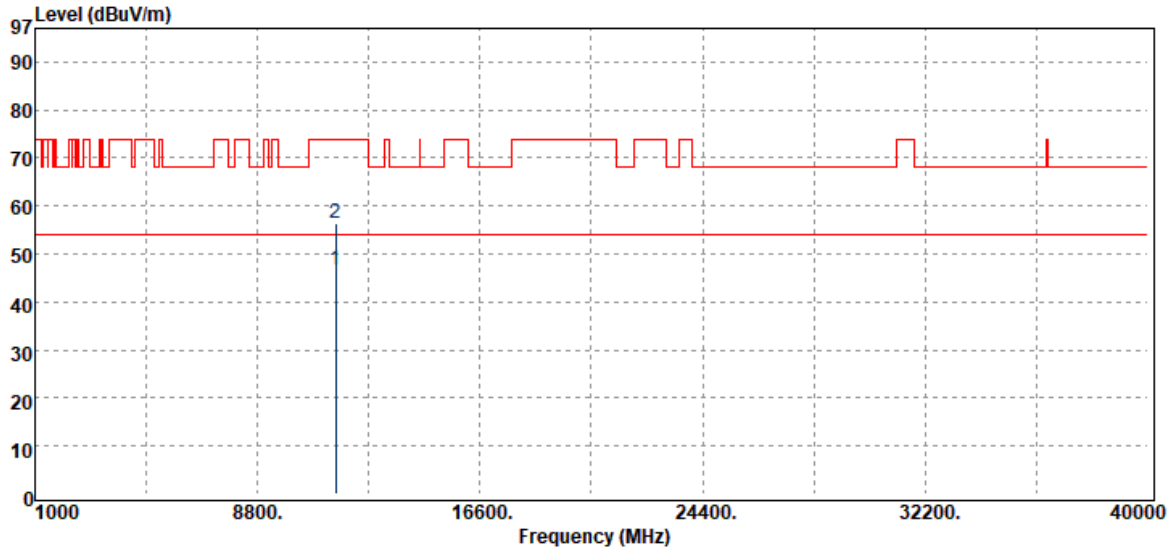
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11380.00	Average	24.65	22.46	47.11	54.00	-6.89
11380.00	Peak	33.88	22.46	56.34	74.00	-17.66

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2021-05-12
Test Frequency	:5775 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



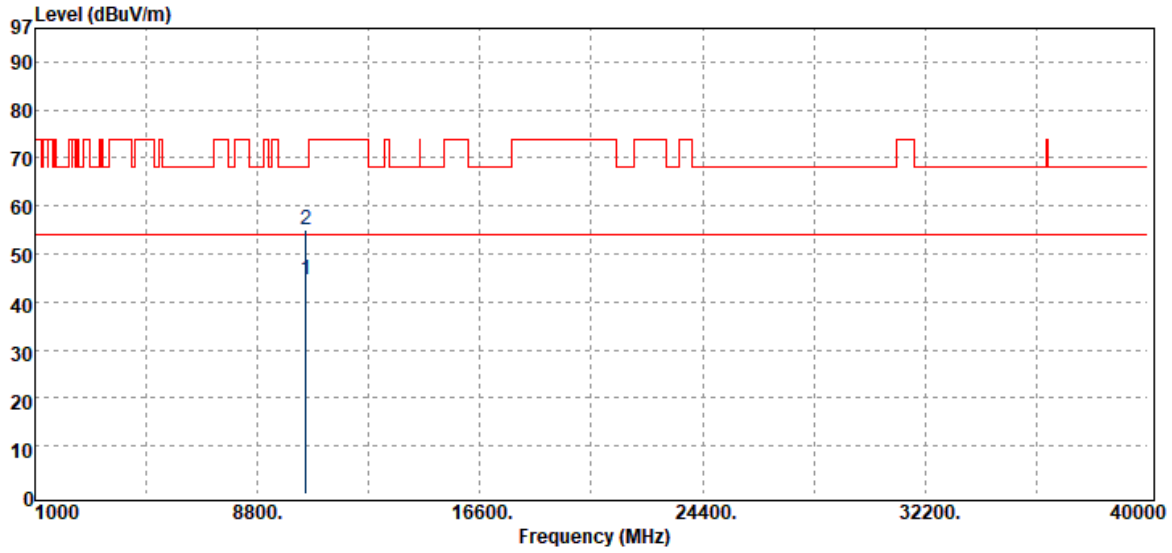
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11550.00	Average	24.62	22.07	46.69	54.00	-7.31
11550.00	Peak	34.57	22.07	56.64	74.00	-17.36

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2021-05-12
Test Frequency	:5775 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



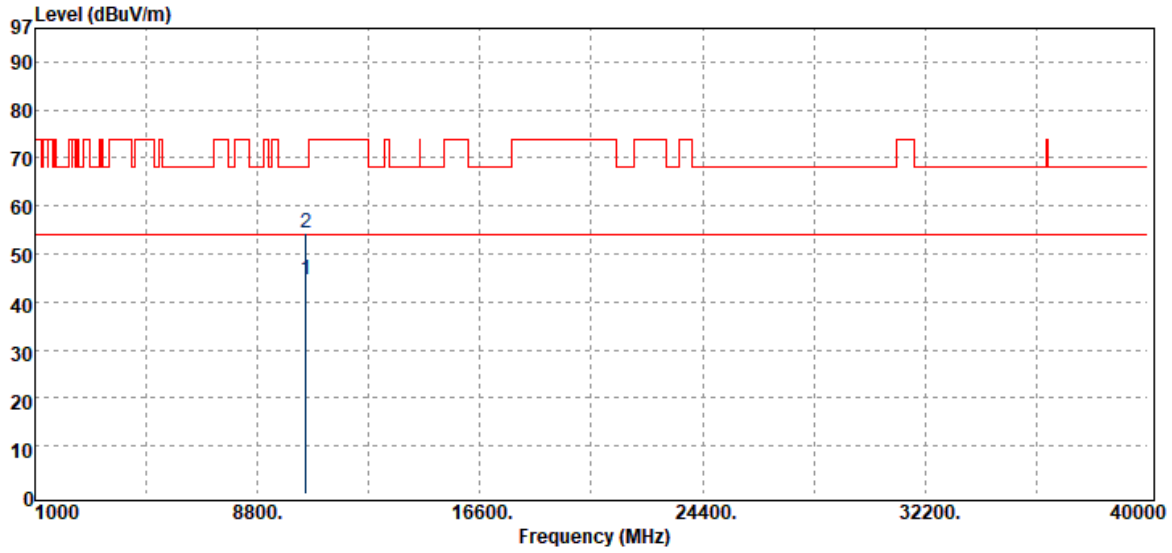
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11550.00	Average	24.53	22.07	46.60	54.00	-7.40
11550.00	Peak	34.27	22.07	56.34	74.00	-17.66

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ac160	Test Date	:2021-05-12
Test Frequency	:5250 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



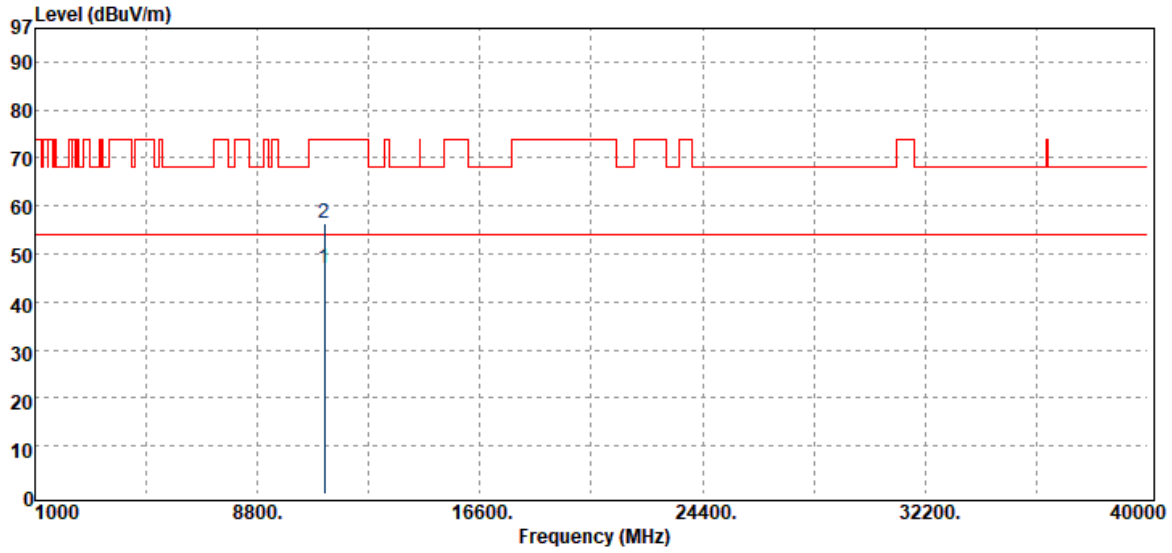
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
10500.00	Average	24.73	19.93	44.66	54.00	-9.34
10500.00	Peak	35.11	19.93	55.04	68.20	-13.16

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ac160	Test Date	:2021-05-12
Test Frequency	:5250 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



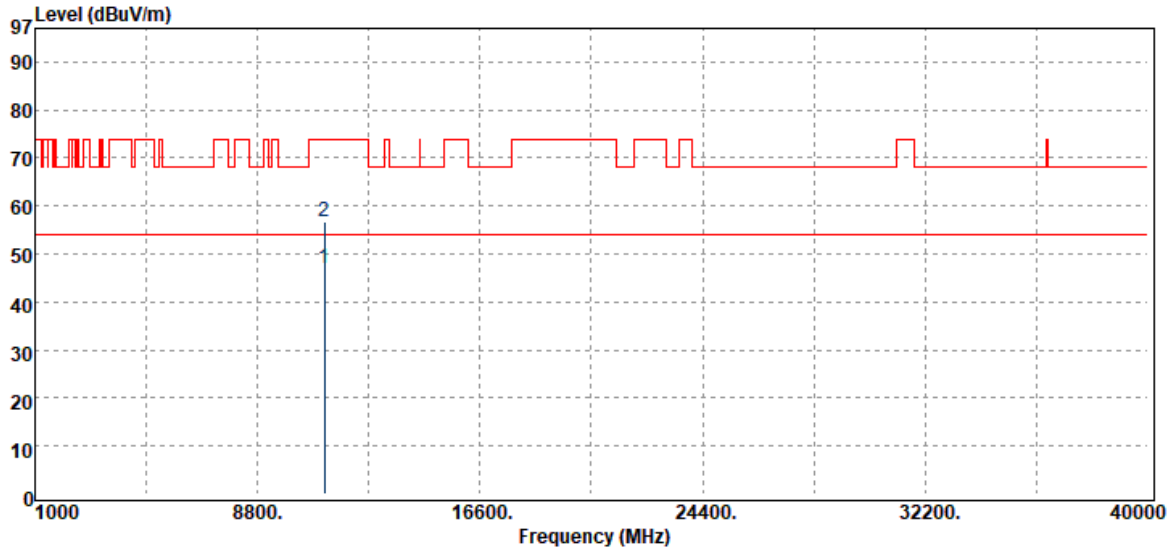
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10500.00	Average	24.75	19.93	44.68	54.00	-9.32
10500.00	Peak	34.42	19.93	54.35	68.20	-13.85

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ac160	Test Date	:2021-05-12
Test Frequency	:5570 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11140.00	Average	24.78	22.18	46.96	54.00	-7.04
11140.00	Peak	34.32	22.18	56.50	74.00	-17.50

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ac160	Test Date	:2021-05-12
Test Frequency	:5570 MHz	Temp./Humi.	:24.7/60
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen

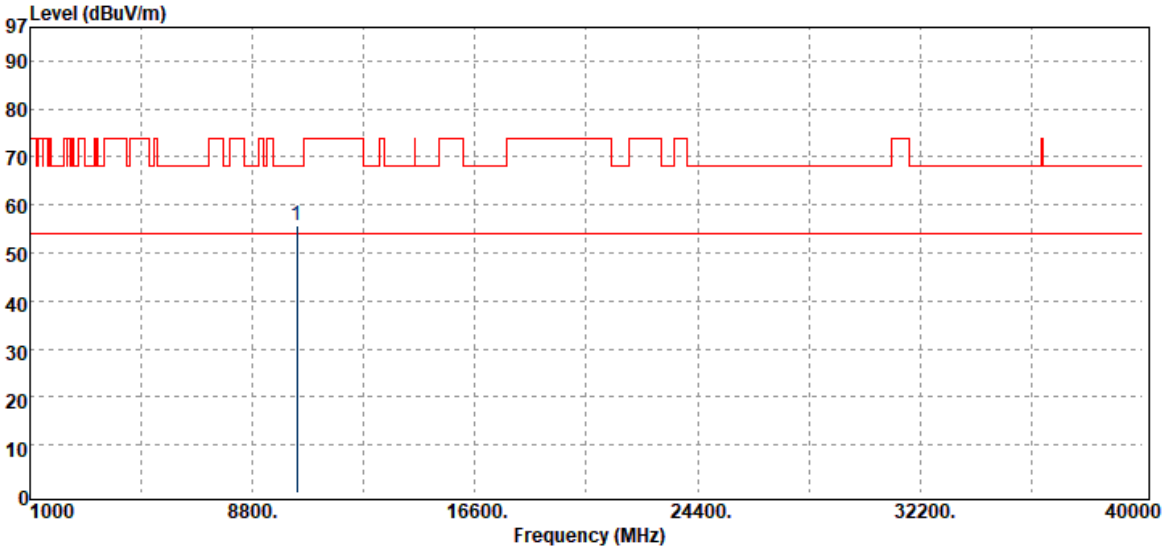


Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11140.00	Average	24.76	22.18	46.94	54.00	-7.06
11140.00	Peak	34.58	22.18	56.76	74.00	-17.24

6.7.3 Above 1GHz Worst-Case Data:

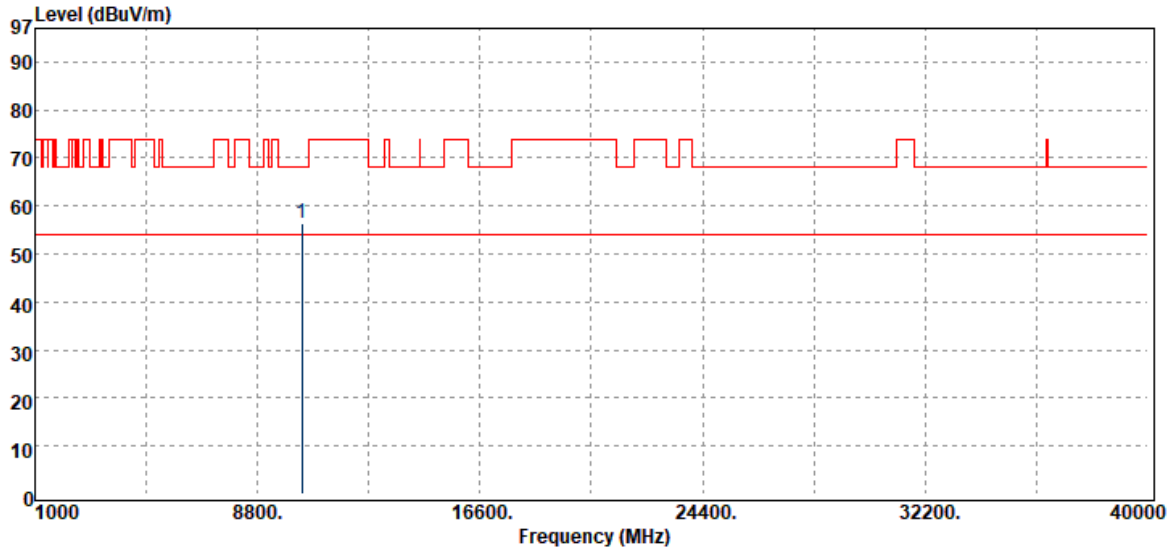
AT TX

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5180 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



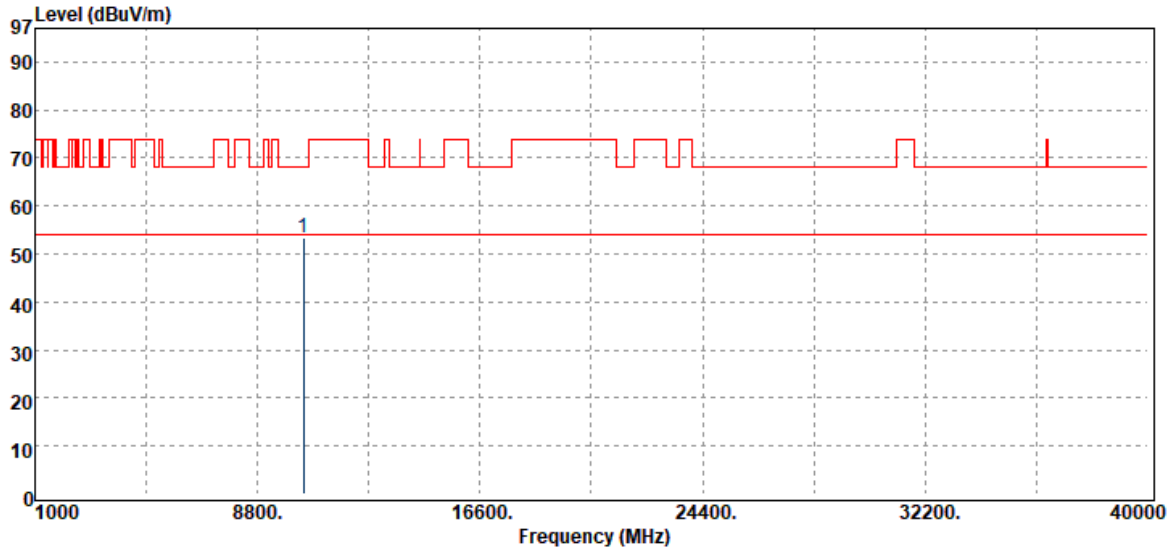
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10360.00	Peak	34.40	21.21	55.61	68.20	-12.59

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5180 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



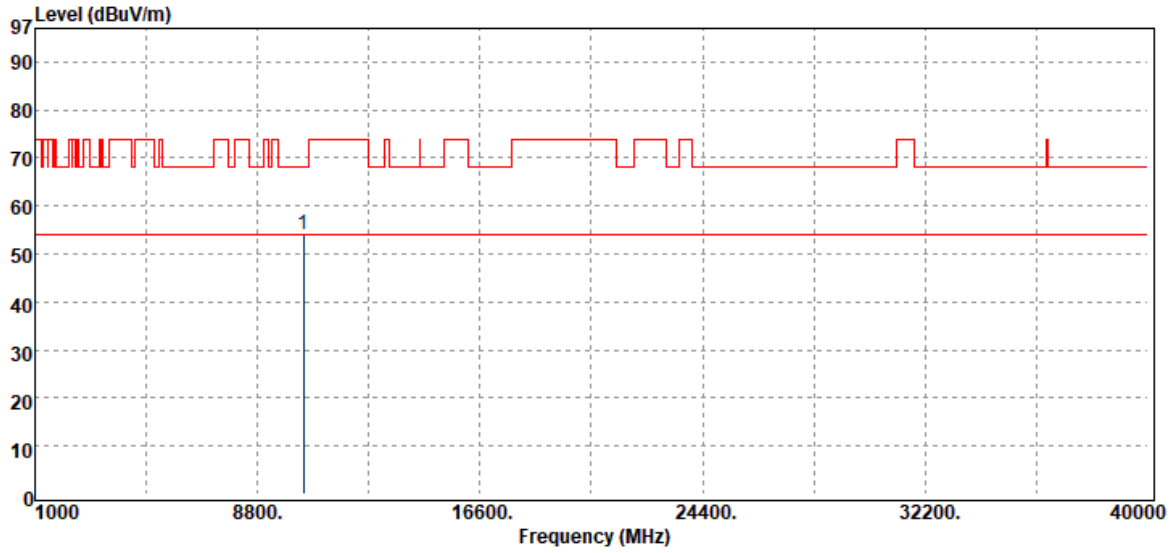
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10360.00	Peak	35.08	21.21	56.29	68.20	-11.91

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5200 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



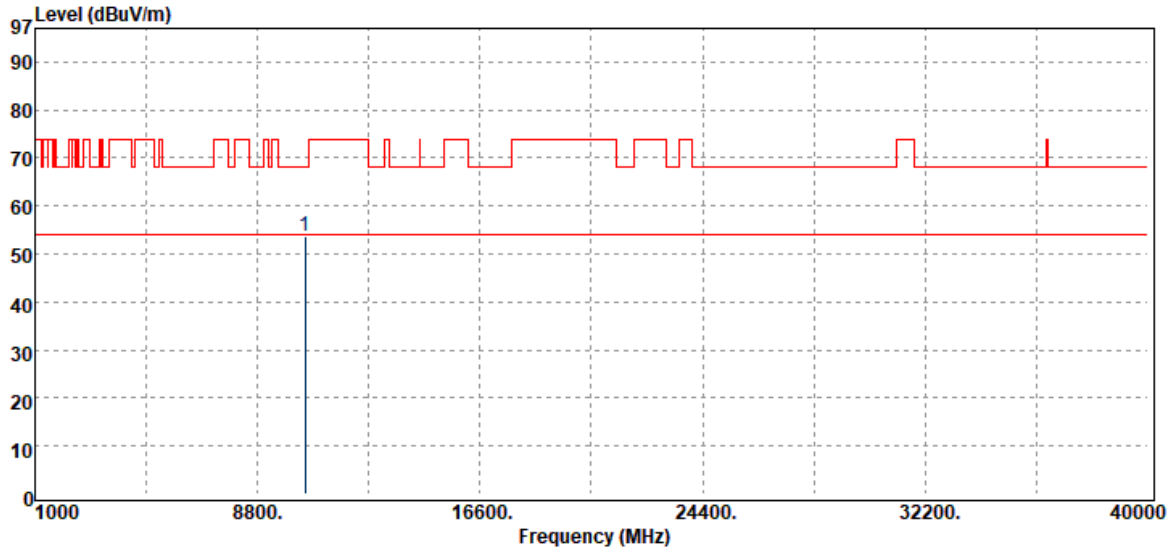
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10400.00	Peak	34.31	18.93	53.24	68.20	-14.96

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5200 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



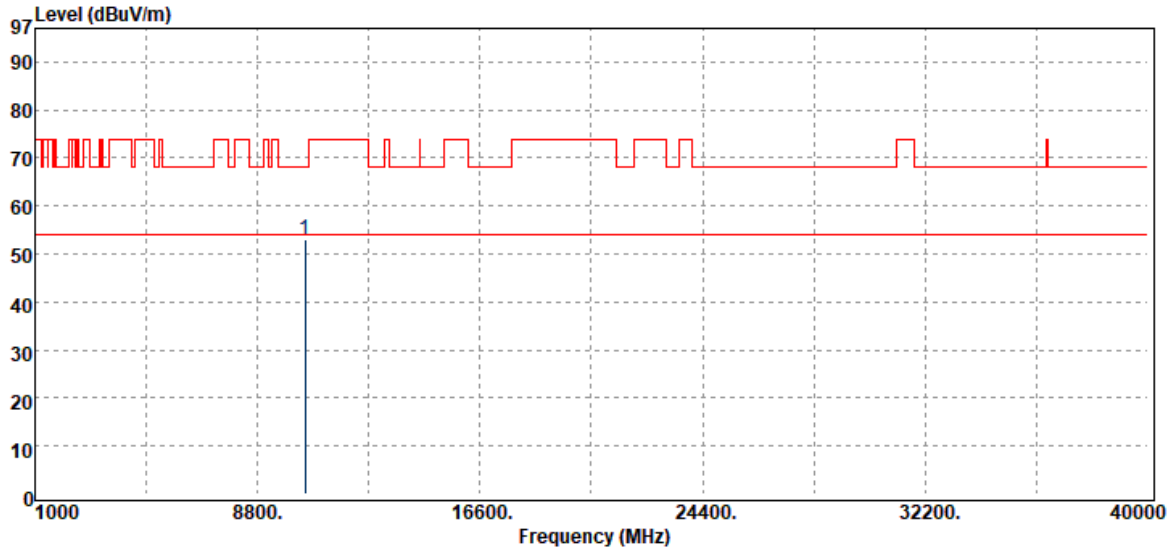
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10400.00	Peak	35.07	18.93	54.00	68.20	-14.20

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5240 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



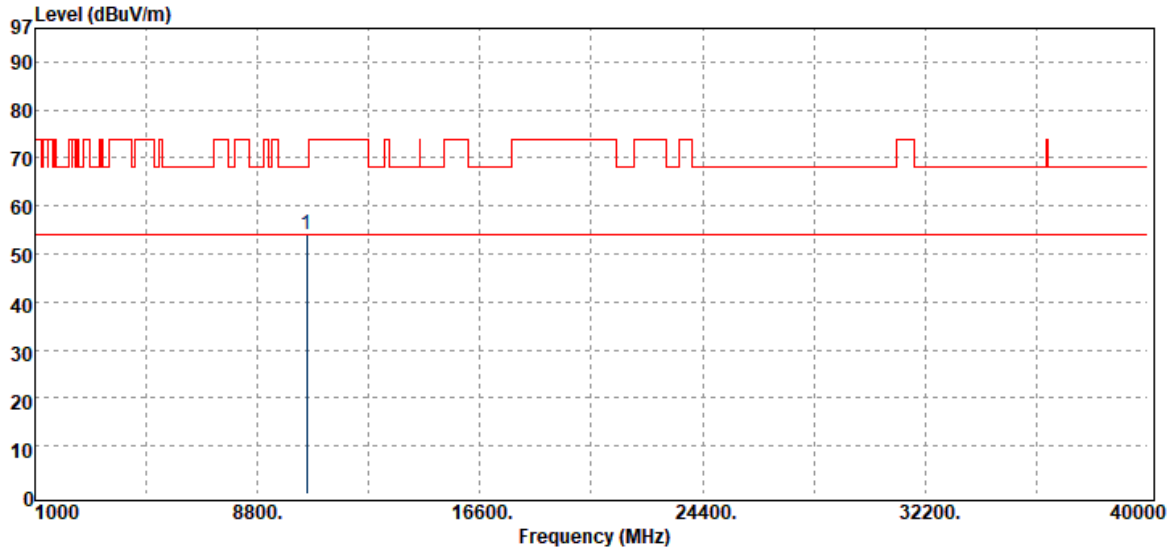
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10480.00	Peak	34.34	19.27	53.61	68.20	-14.59

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5240 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



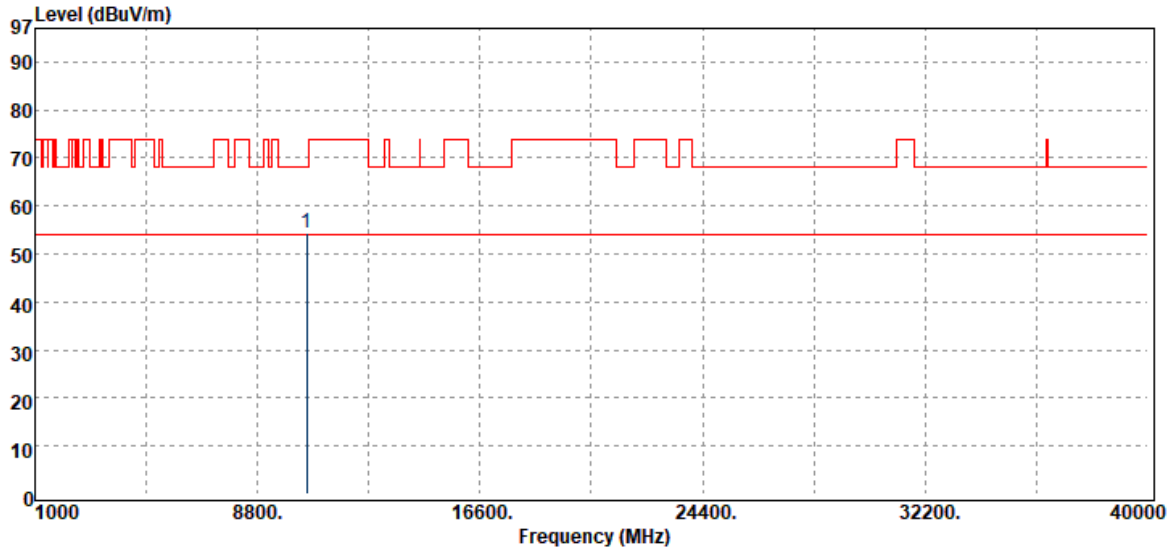
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10480.00	Peak	33.64	19.27	52.91	68.20	-15.29

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5260 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



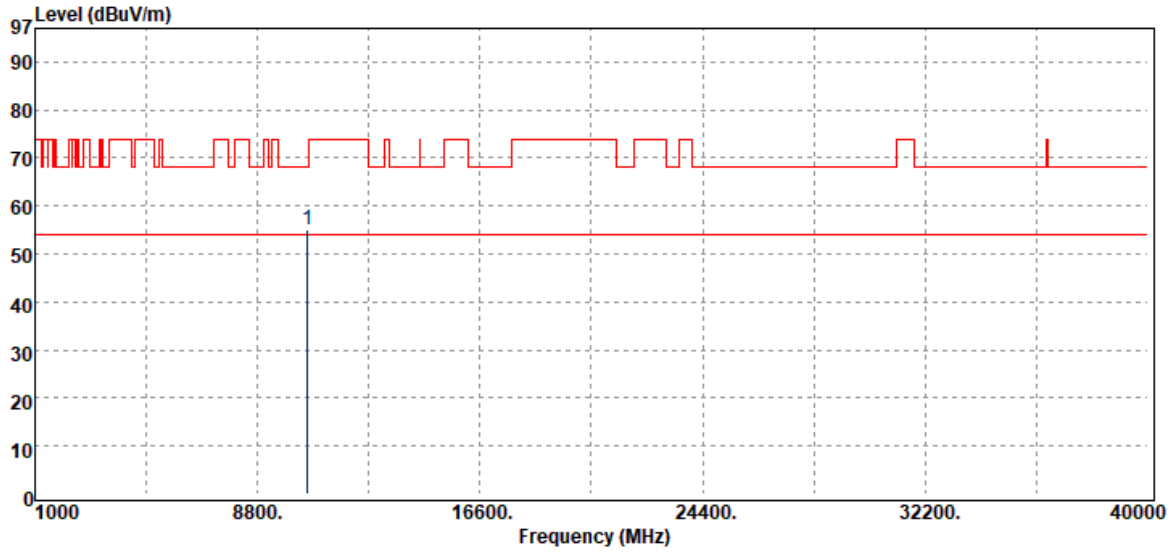
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10520.00	Peak	33.98	20.21	54.19	68.20	-14.01

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5260 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



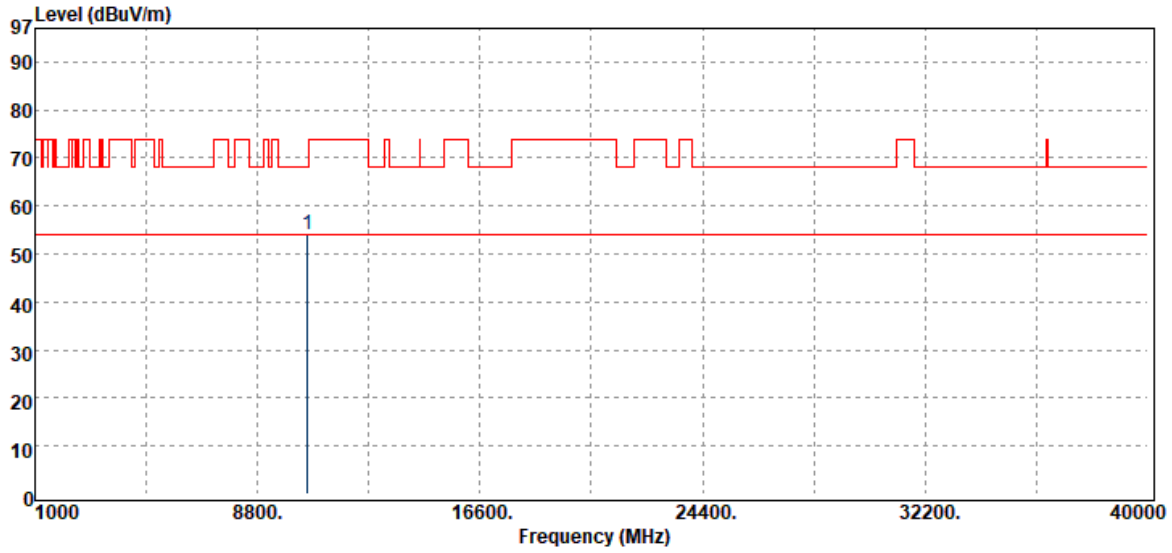
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10520.00	Peak	34.28	20.21	54.49	68.20	-13.71

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5280 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



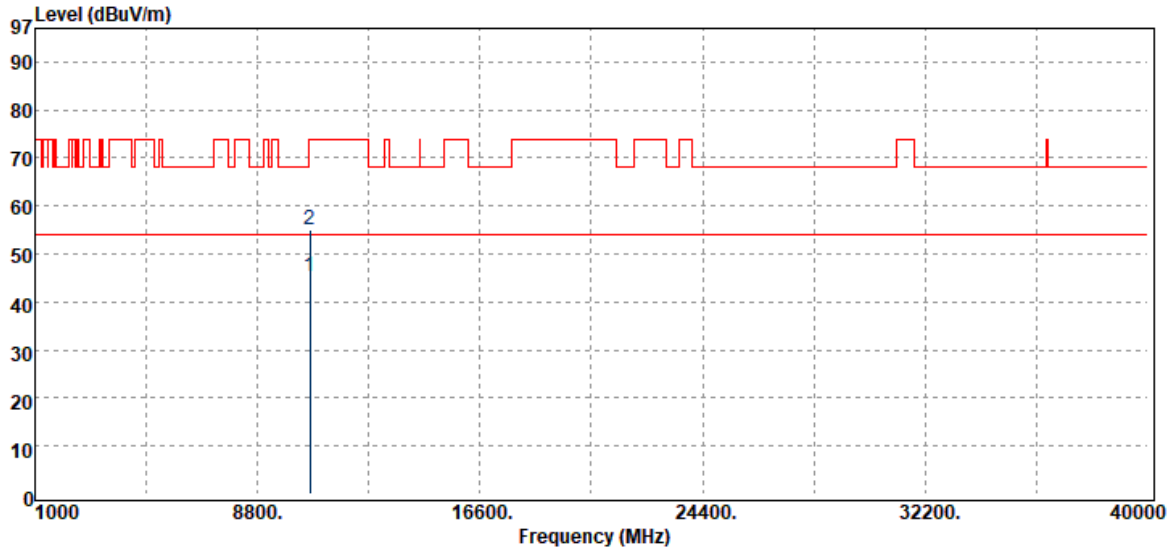
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10560.00	Peak	34.25	20.65	54.90	68.20	-13.30

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5280 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



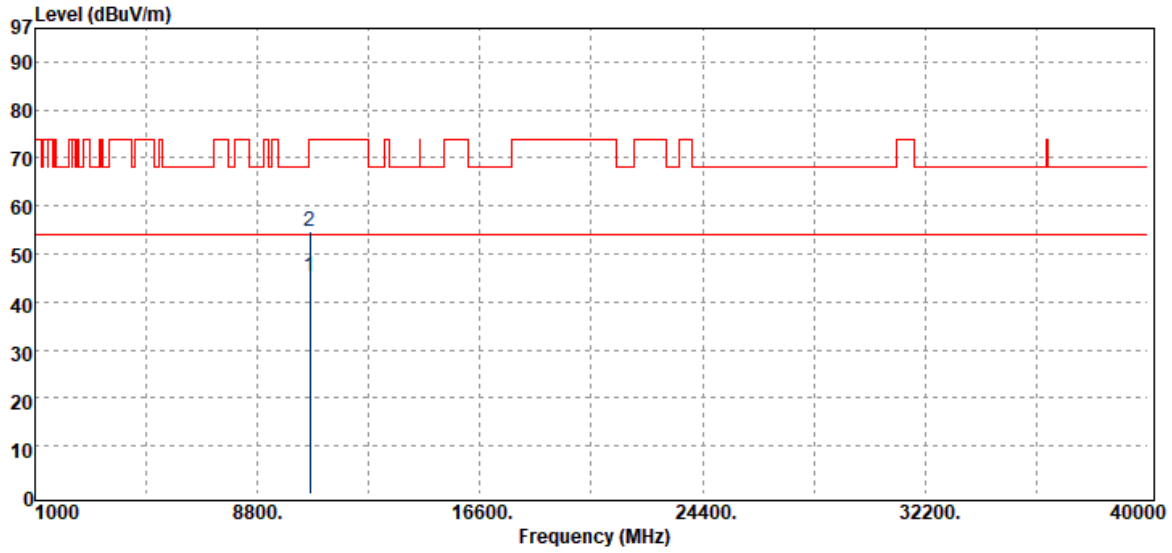
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10560.00	Peak	33.45	20.65	54.10	68.20	-14.10

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5320 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



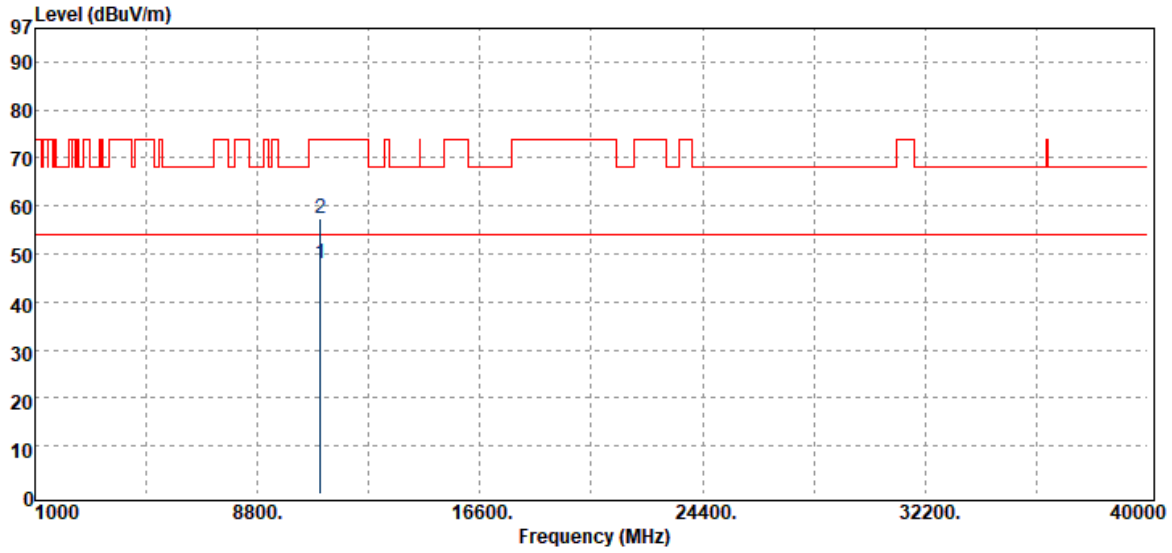
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10640.00	Average	24.57	20.69	45.26	54.00	-8.74
10640.00	Peak	34.33	20.69	55.02	74.00	-18.98

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5320 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



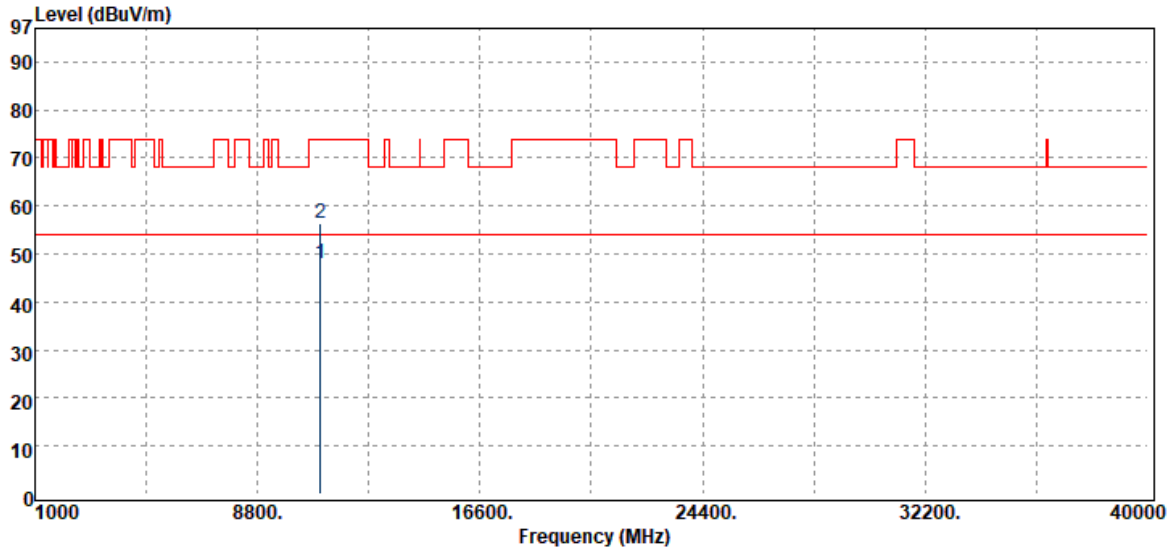
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10640.00	Average	24.53	20.69	45.22	54.00	-8.78
10640.00	Peak	34.12	20.69	54.81	74.00	-19.19

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5500 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



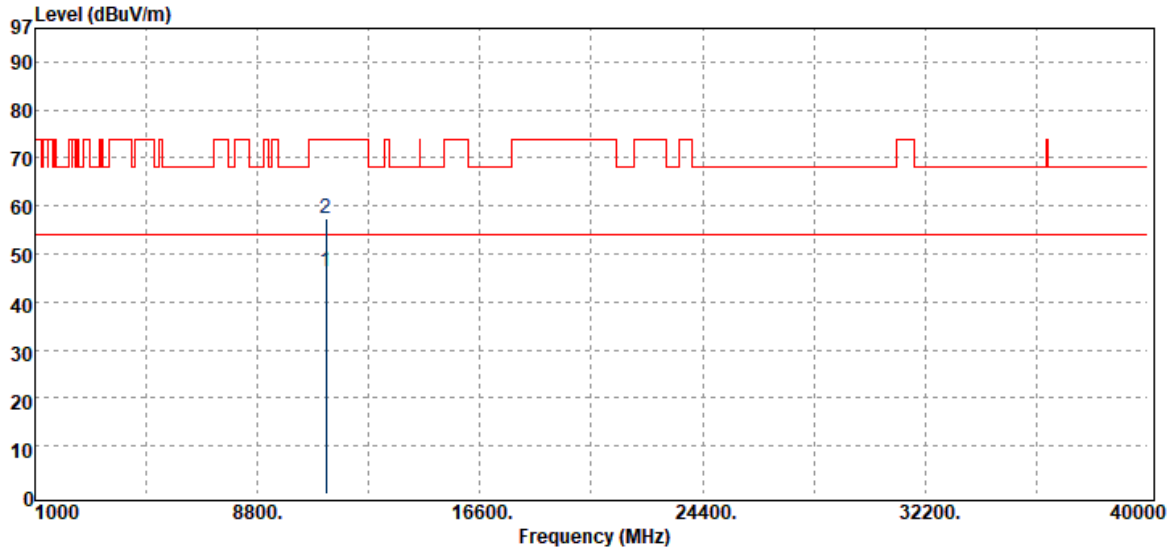
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11000.00	Average	24.38	23.55	47.93	54.00	-6.07
11000.00	Peak	33.85	23.55	57.40	74.00	-16.60

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5500 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



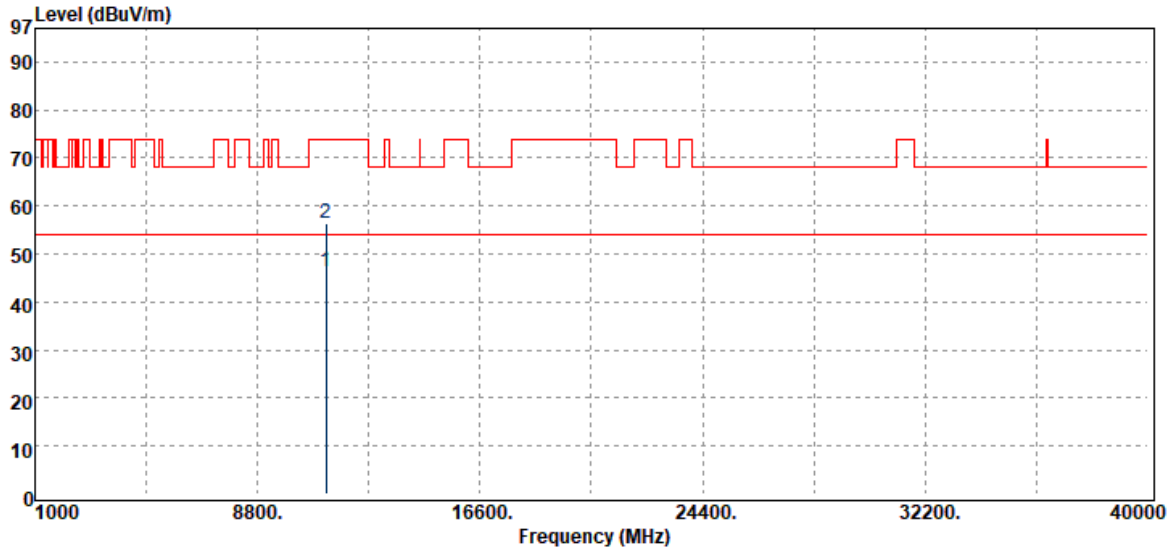
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11000.00	Average	24.36	23.55	47.91	54.00	-6.09
11000.00	Peak	33.00	23.55	56.55	74.00	-17.45

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5600 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



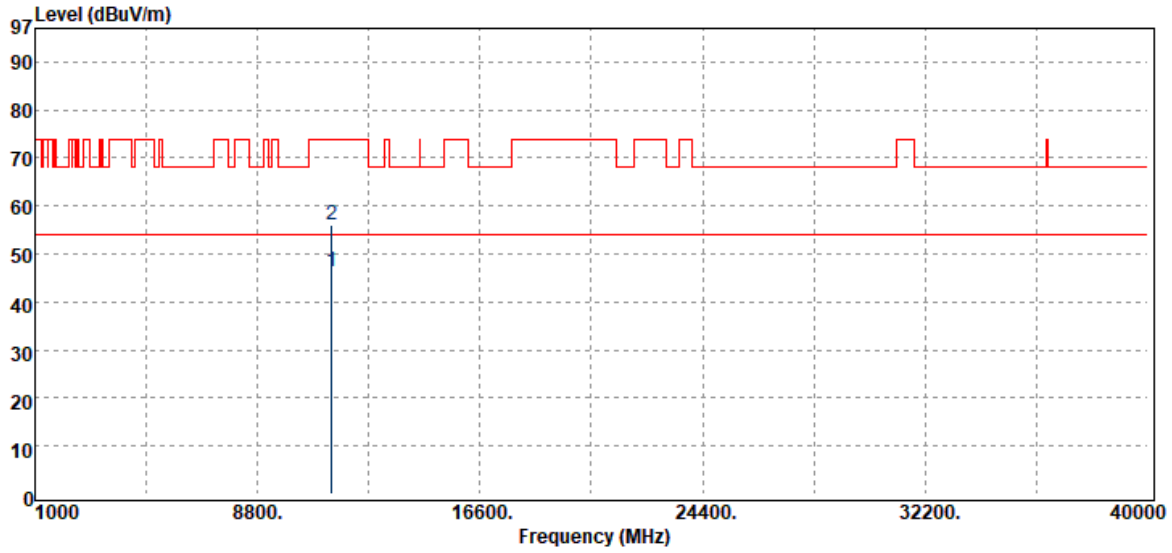
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11200.00	Average	24.59	21.74	46.33	54.00	-7.67
11200.00	Peak	35.53	21.74	57.27	74.00	-16.73

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5600 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



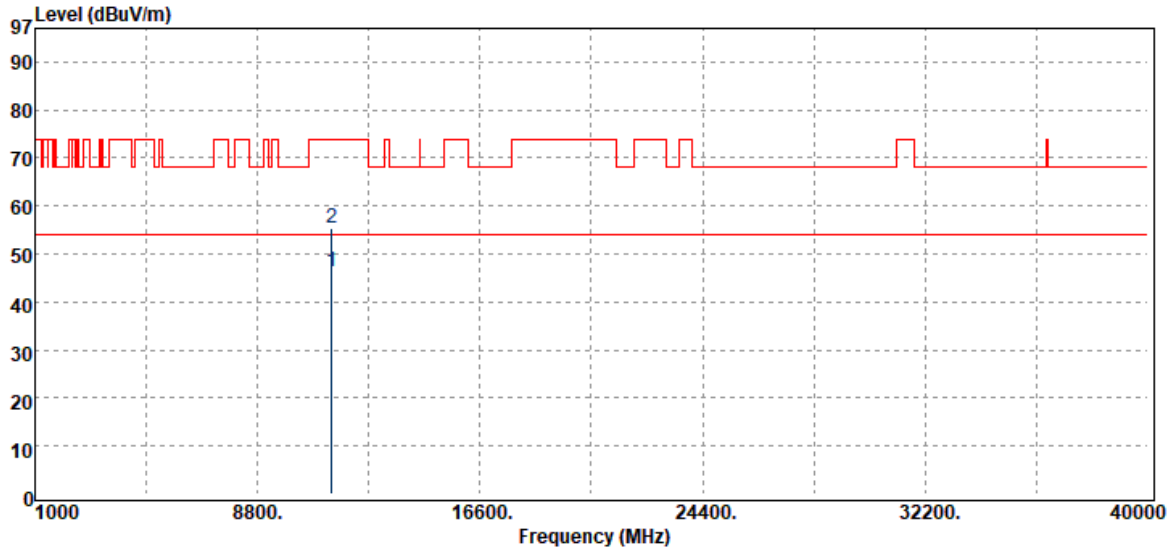
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11200.00	Average	24.59	21.74	46.33	54.00	-7.67
11200.00	Peak	34.57	21.74	56.31	74.00	-17.69

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5700 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



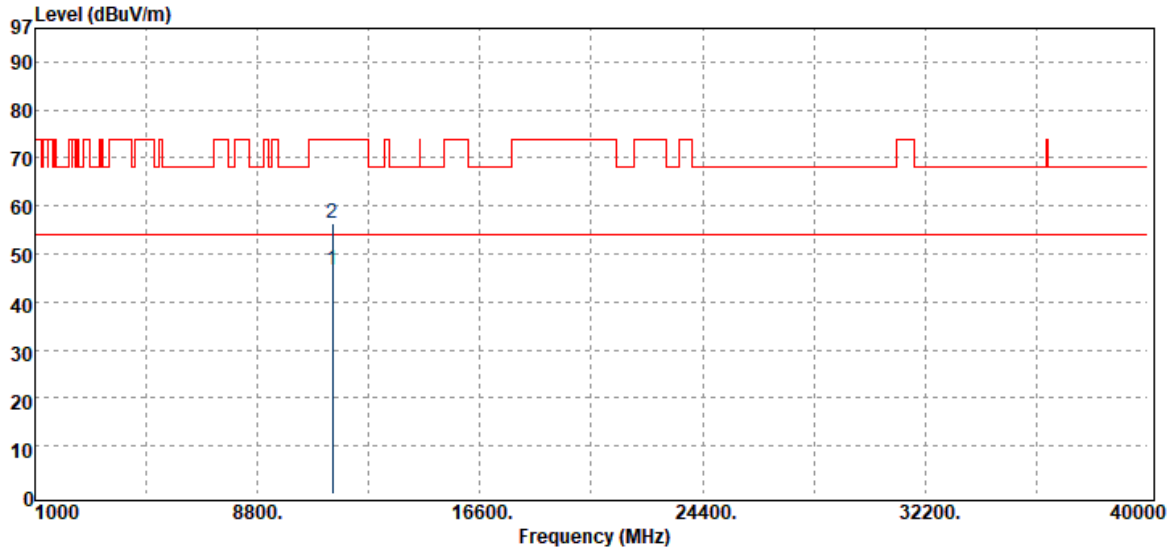
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11400.00	Average	24.21	22.09	46.30	54.00	-7.70
11400.00	Peak	34.04	22.09	56.13	74.00	-17.87

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5700 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



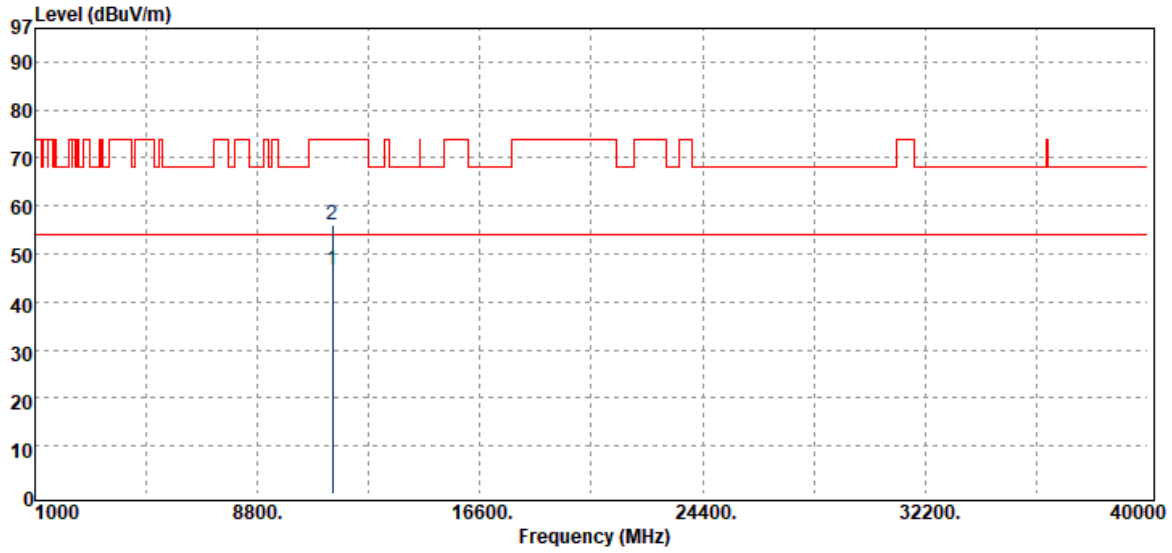
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11400.00	Average	24.23	22.09	46.32	54.00	-7.68
11400.00	Peak	33.43	22.09	55.52	74.00	-18.48

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5720 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



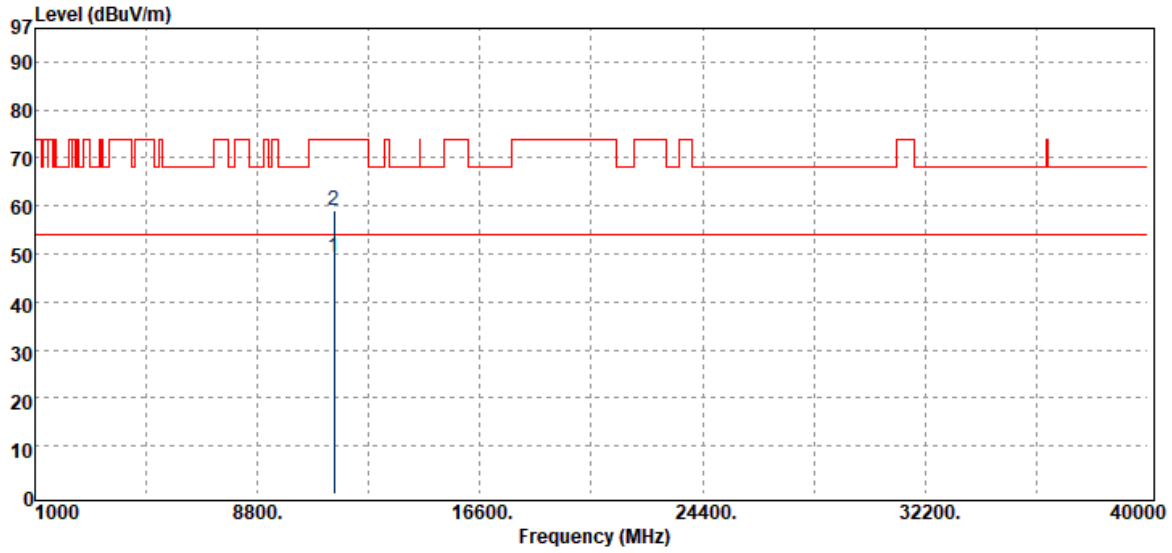
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11440.00	Average	23.97	22.77	46.74	54.00	-7.26
11440.00	Peak	33.68	22.77	56.45	74.00	-17.55

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5720 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



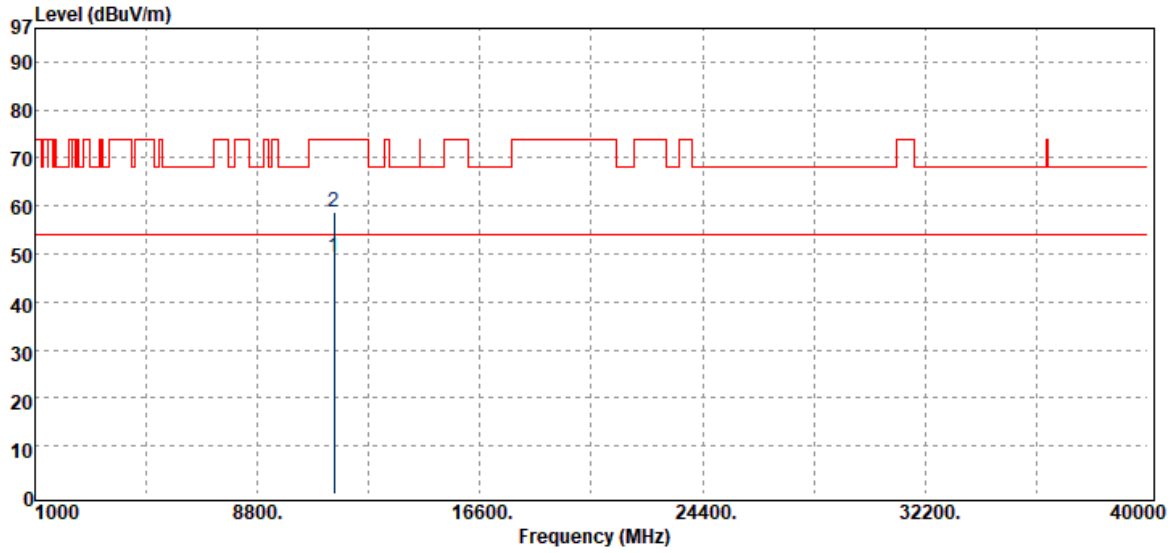
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11440.00	Average	24.02	22.77	46.79	54.00	-7.21
11440.00	Peak	33.24	22.77	56.01	74.00	-17.99

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5745 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



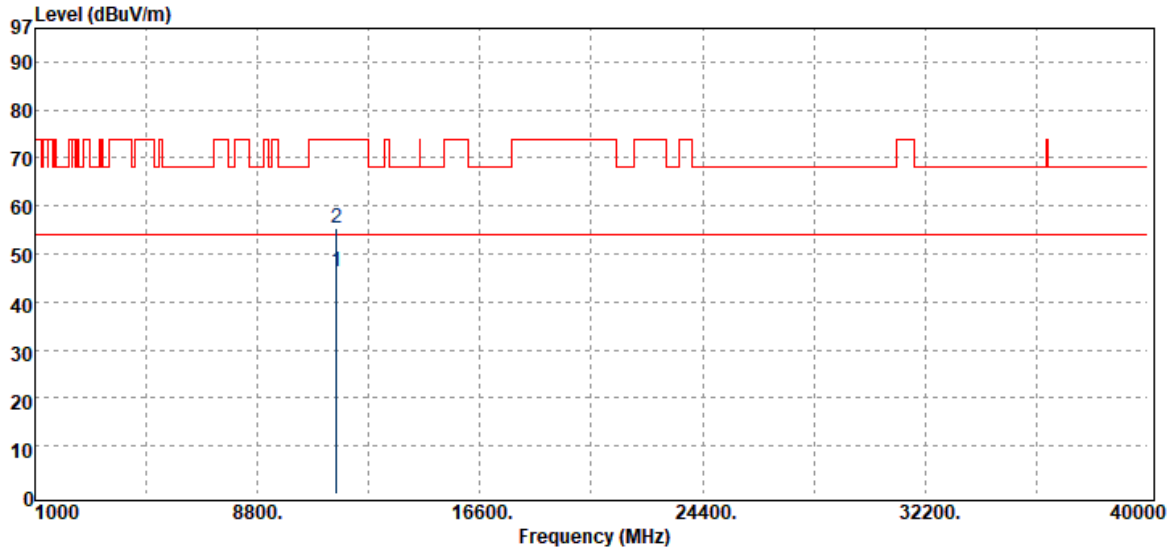
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11490.00	Average	23.90	25.46	49.36	54.00	-4.64
11490.00	Peak	33.49	25.46	58.95	74.00	-15.05

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5745 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



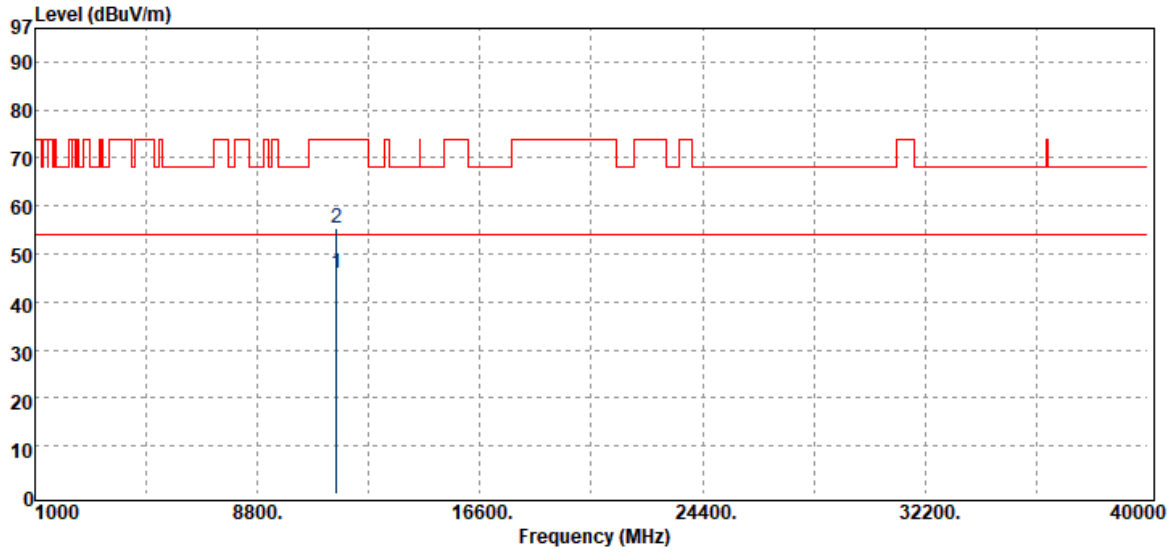
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11490.00	Average	23.97	25.46	49.43	54.00	-4.57
11490.00	Peak	33.15	25.46	58.61	74.00	-15.39

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5785 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



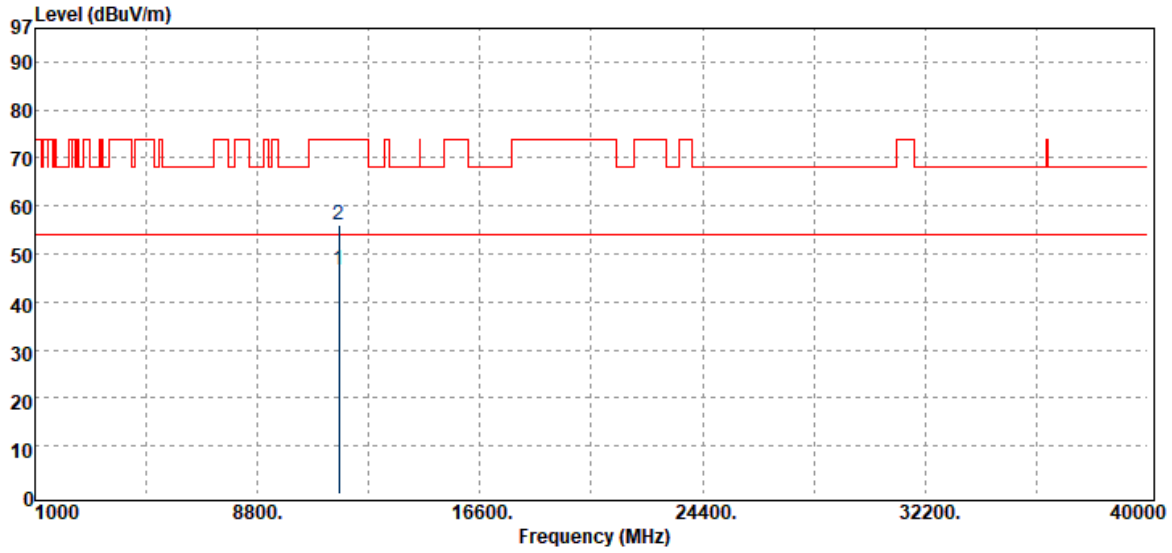
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11570.00	Average	24.29	21.87	46.16	54.00	-7.84
11570.00	Peak	33.48	21.87	55.35	74.00	-18.65

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5785 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



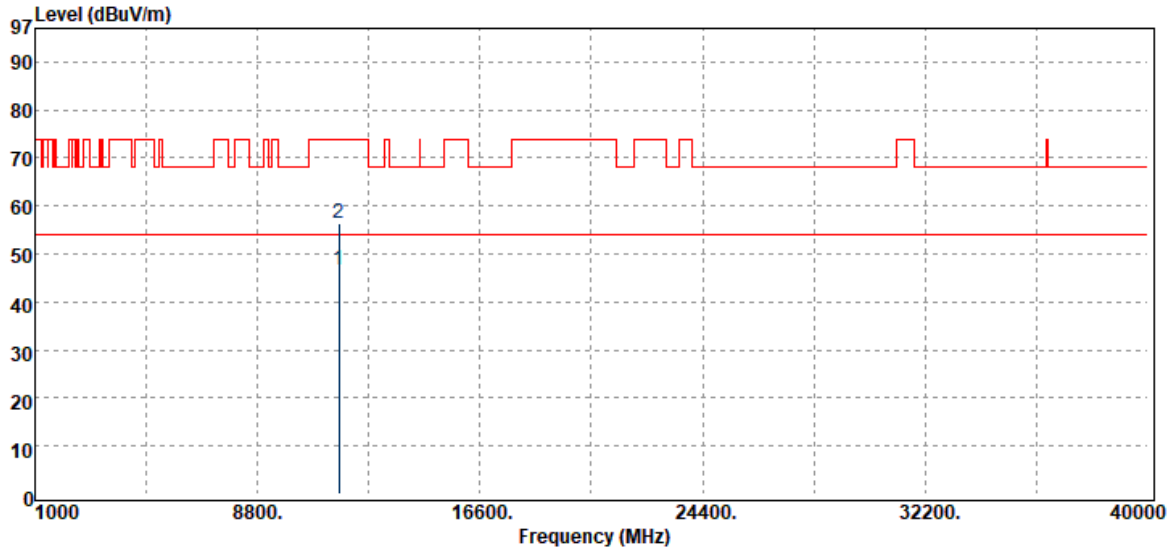
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11570.00	Average	24.28	21.87	46.15	54.00	-7.85
11570.00	Peak	33.37	21.87	55.24	74.00	-18.76

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5825 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



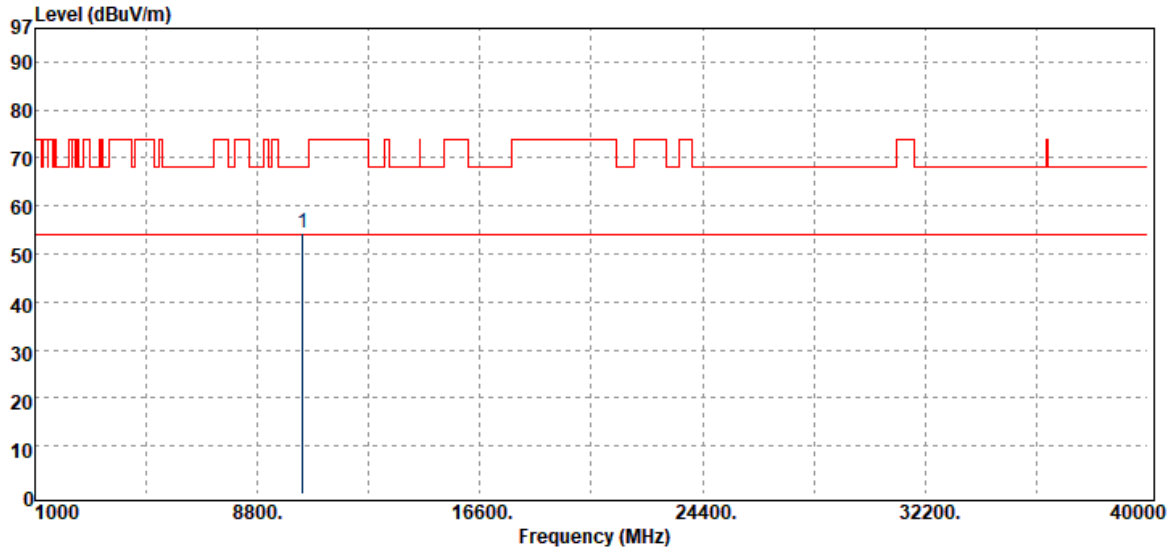
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11650.00	Average	23.82	22.86	46.68	54.00	-7.32
11650.00	Peak	33.32	22.86	56.18	74.00	-17.82

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-05-13
Test Frequency	:5825 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



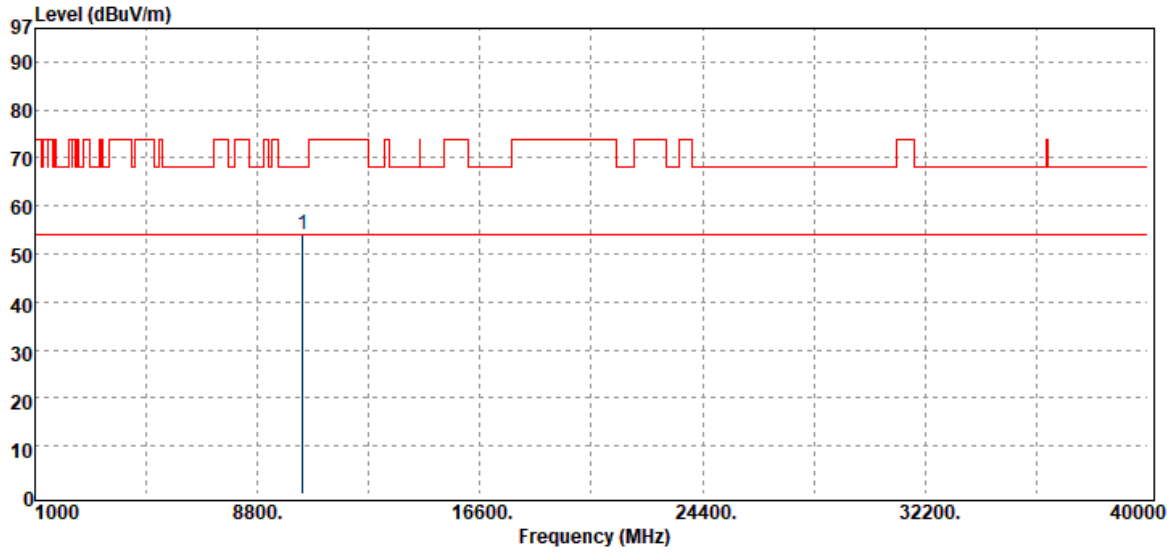
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11650.00	Average	23.77	22.86	46.63	54.00	-7.37
11650.00	Peak	33.45	22.86	56.31	74.00	-17.69

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5190 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



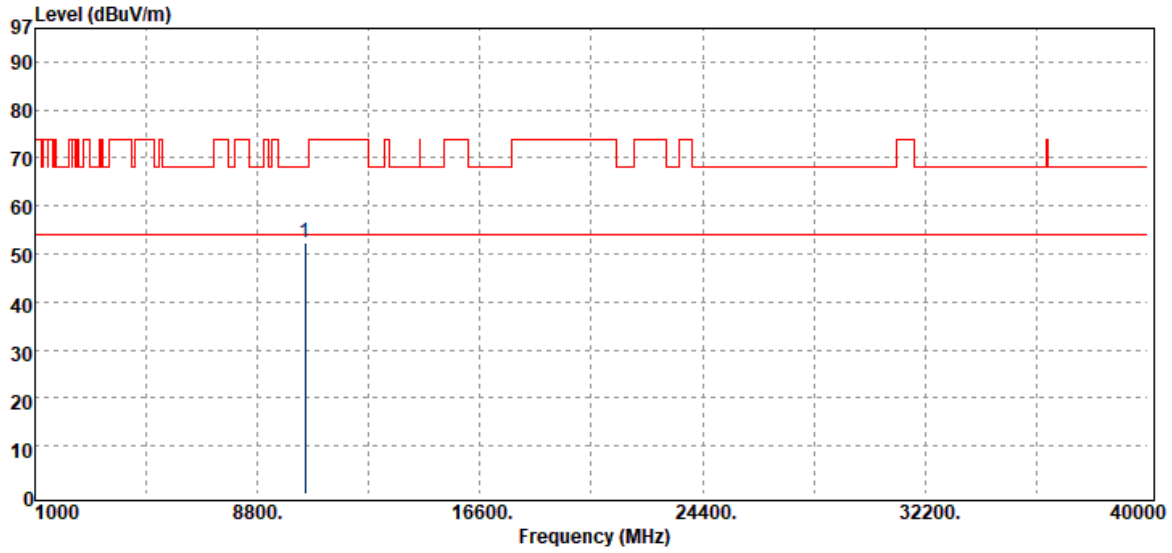
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10380.00	Peak	34.36	20.06	54.42	68.20	-13.78

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5190 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



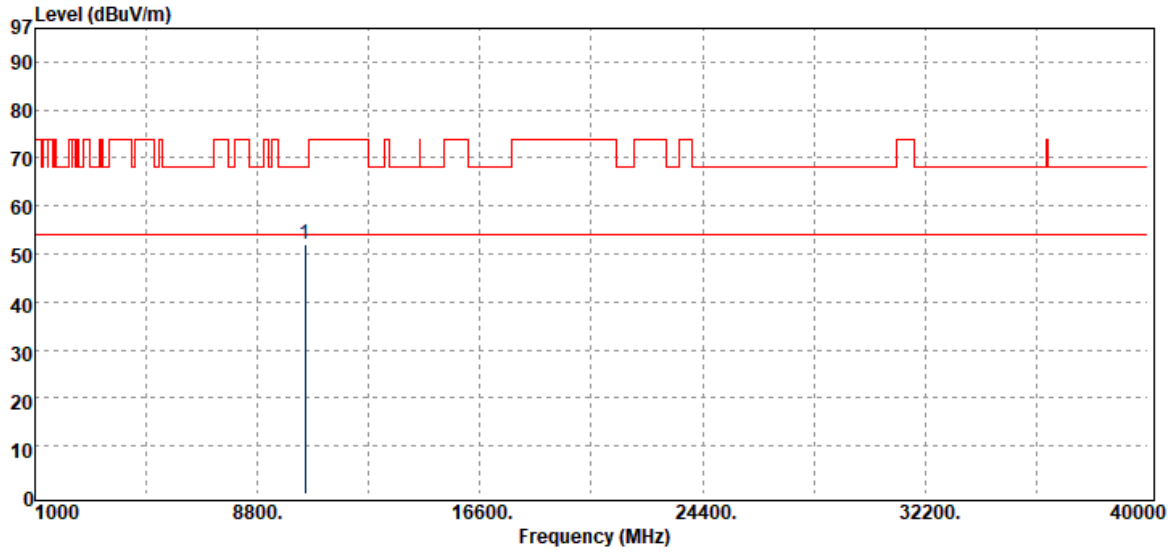
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10380.00	Peak	33.95	20.06	54.01	68.20	-14.19

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5230 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



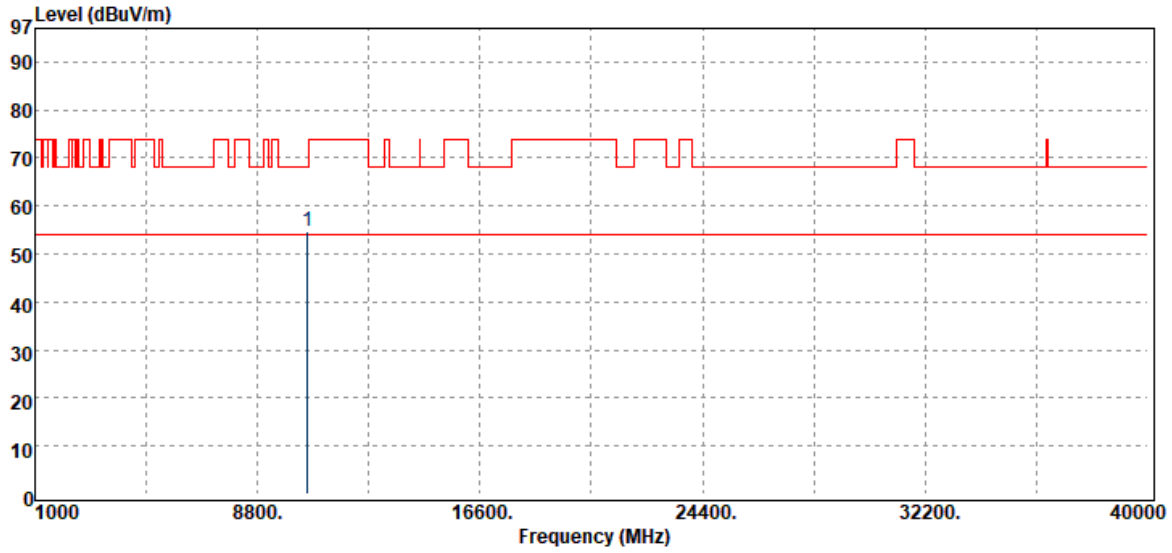
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10460.00	Peak	33.70	18.59	52.29	68.20	-15.91

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5230 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



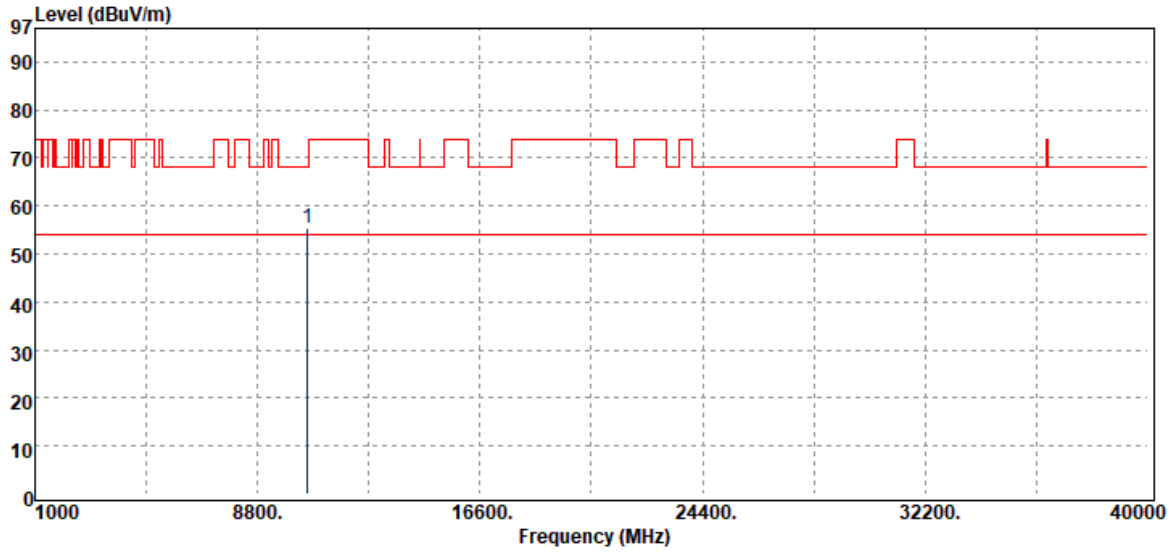
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10460.00	Peak	33.48	18.59	52.07	68.20	-16.13

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5270 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



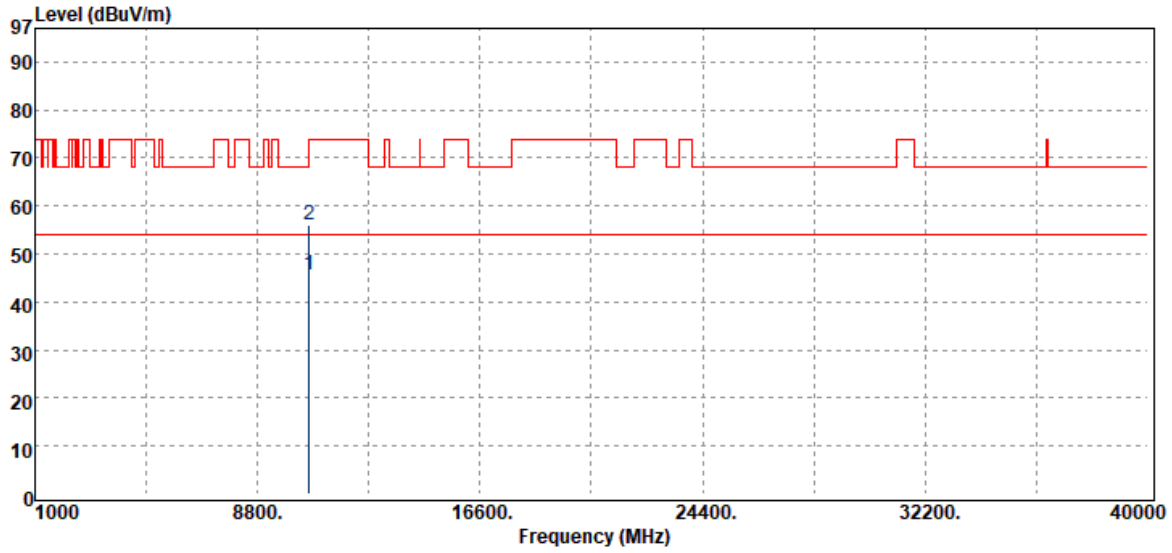
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10540.00	Peak	34.18	20.49	54.67	68.20	-13.53

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5270 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



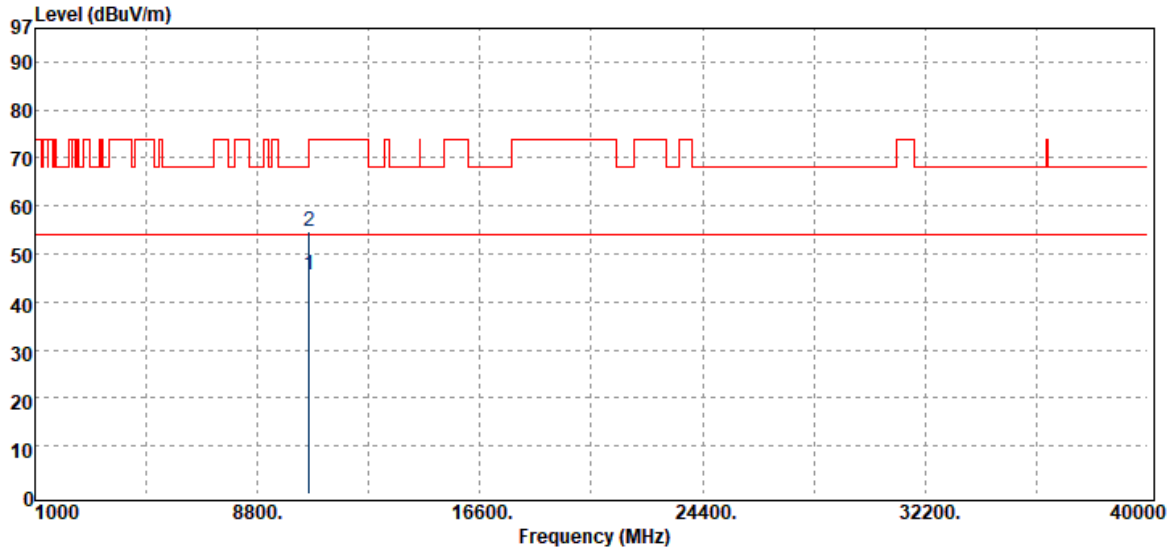
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10540.00	Peak	34.82	20.49	55.31	68.20	-12.89

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5310 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



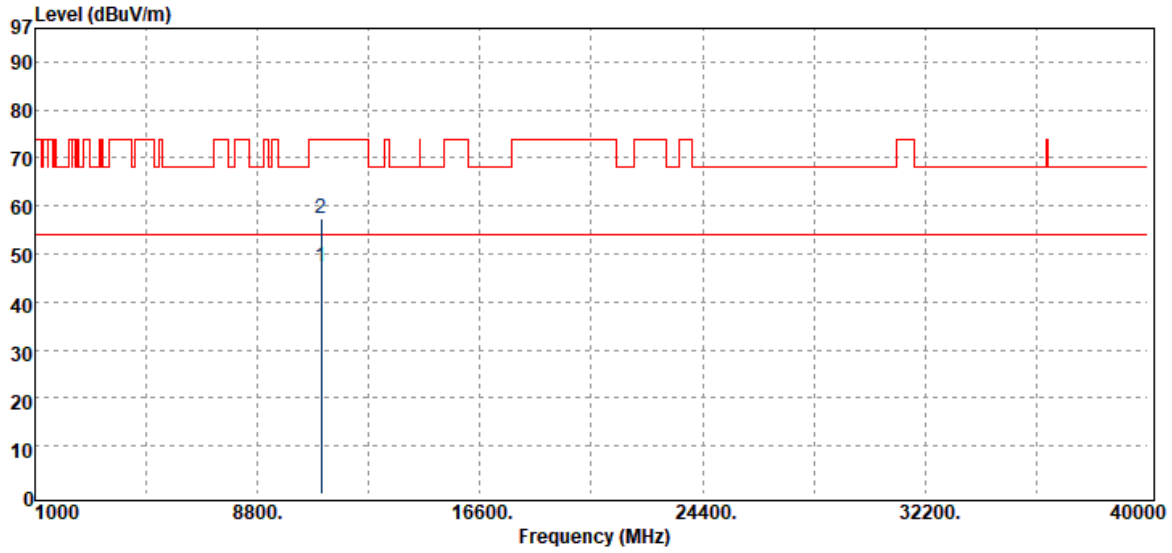
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10620.00	Average	24.76	20.73	45.49	54.00	-8.51
10620.00	Peak	35.25	20.73	55.98	74.00	-18.02

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5310 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



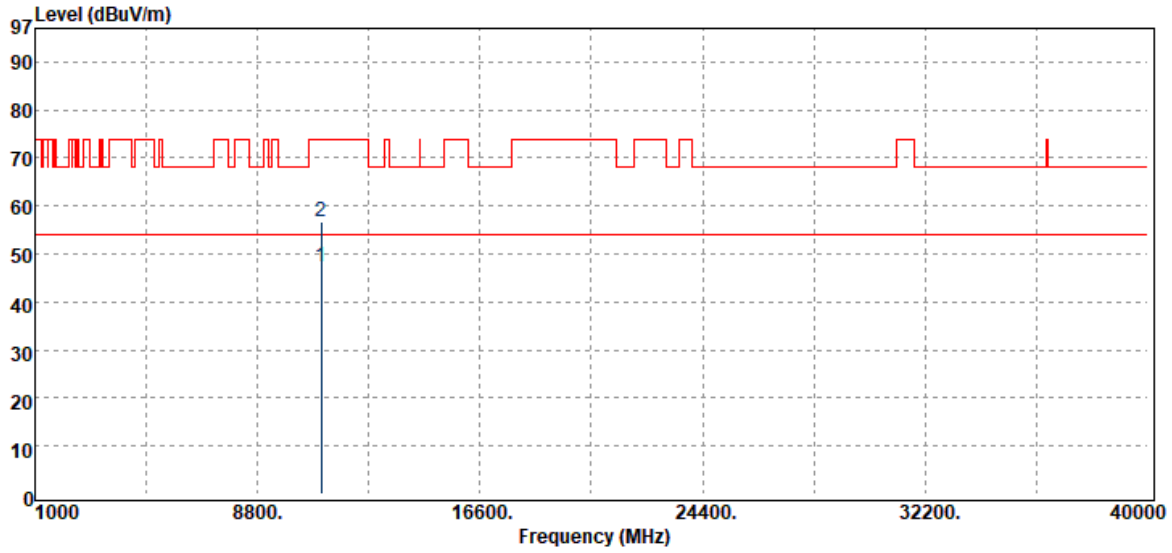
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10620.00	Average	24.78	20.73	45.51	54.00	-8.49
10620.00	Peak	34.06	20.73	54.79	74.00	-19.21

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5510 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



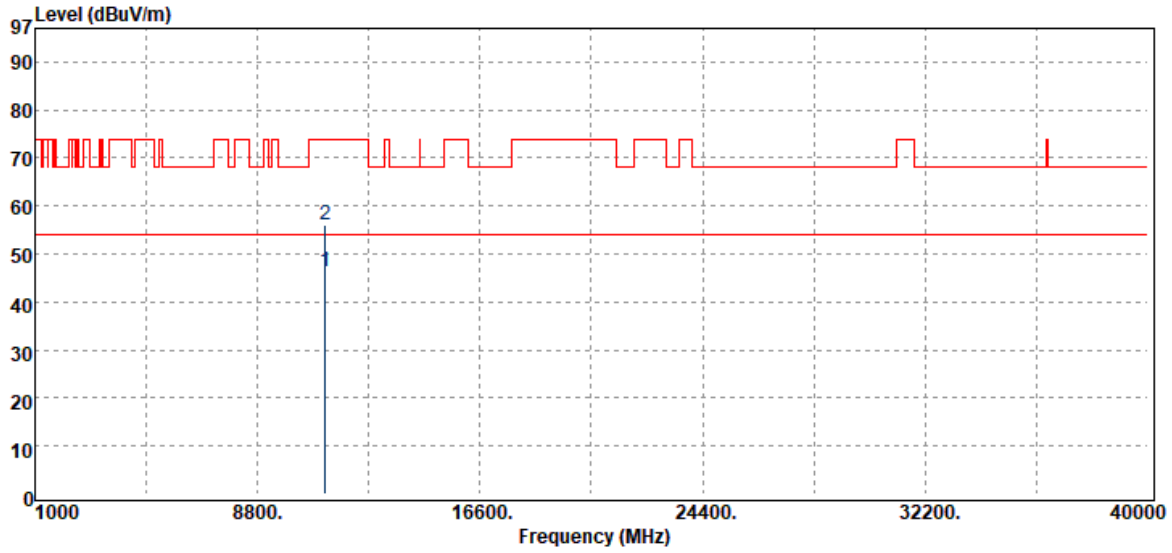
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11020.00	Average	24.30	23.02	47.32	54.00	-6.68
11020.00	Peak	34.23	23.02	57.25	74.00	-16.75

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5510 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



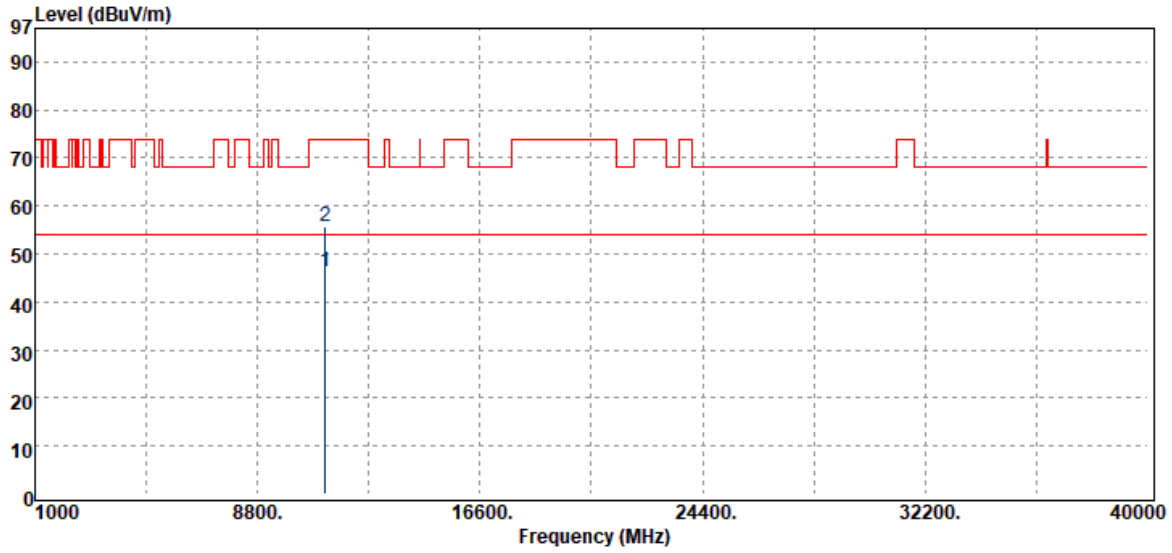
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11020.00	Average	24.29	23.02	47.31	54.00	-6.69
11020.00	Peak	33.69	23.02	56.71	74.00	-17.29

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5590 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



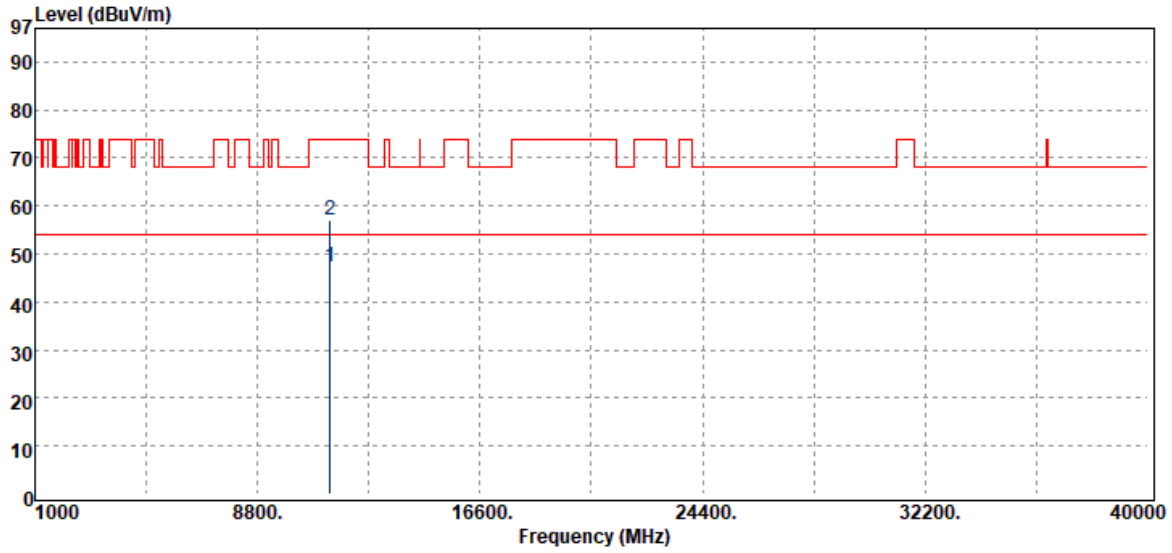
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11180.00	Average	24.69	21.79	46.48	54.00	-7.52
11180.00	Peak	34.22	21.79	56.01	74.00	-17.99

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5590 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



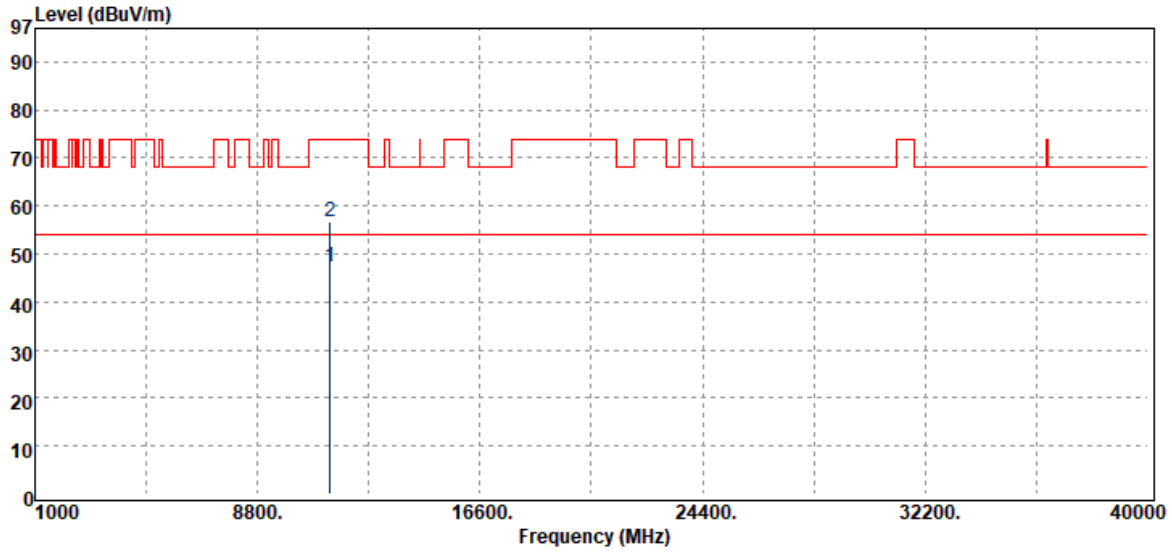
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11180.00	Average	24.63	21.79	46.42	54.00	-7.58
11180.00	Peak	34.09	21.79	55.88	74.00	-18.12

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5670 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



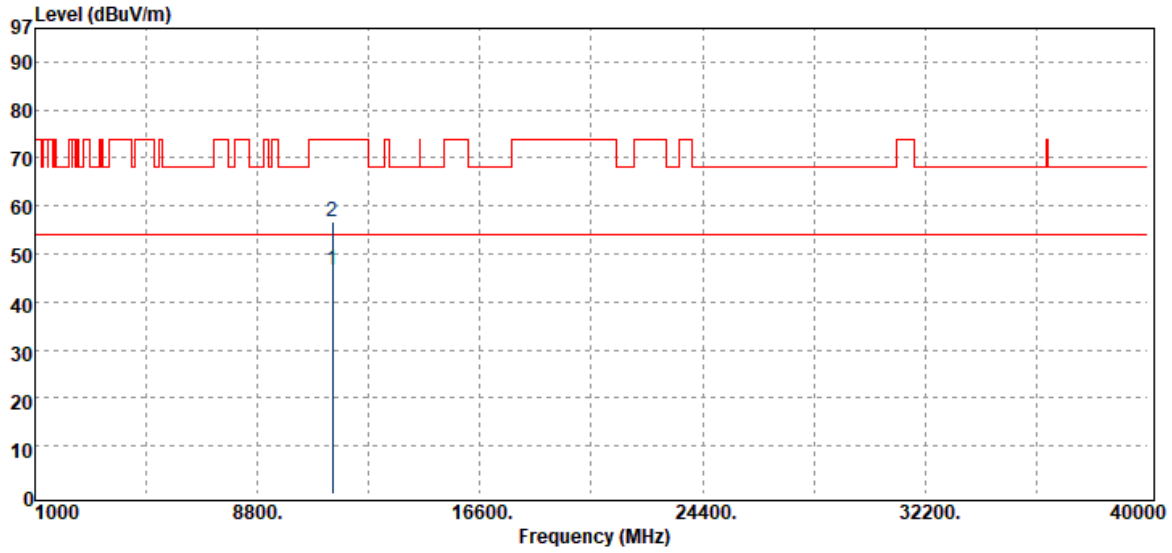
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11340.00	Average	24.39	22.80	47.19	54.00	-6.81
11340.00	Peak	34.33	22.80	57.13	74.00	-16.87

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5670 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



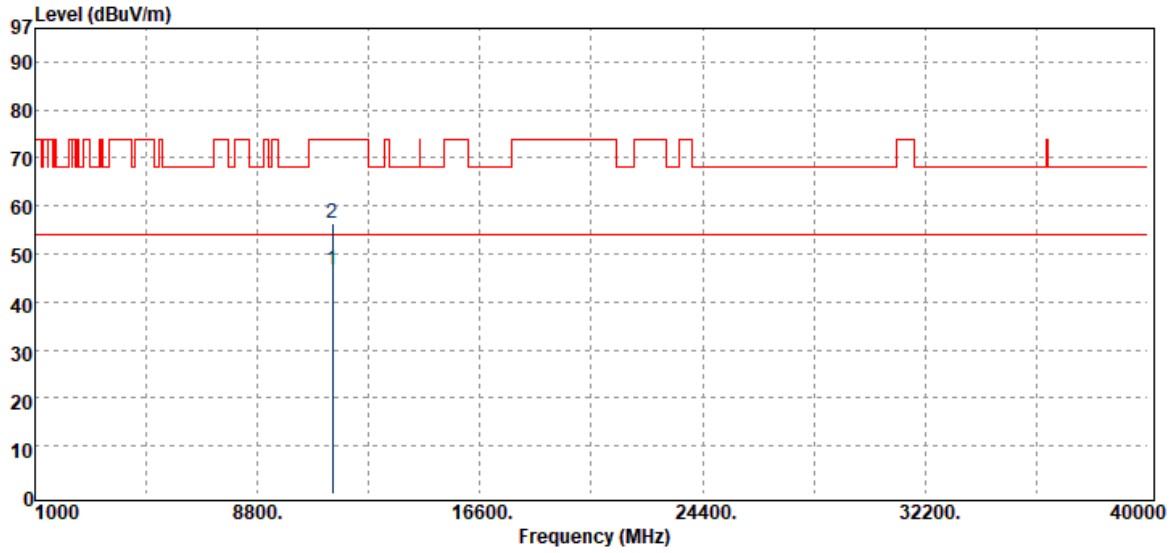
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11340.00	Average	24.44	22.80	47.24	54.00	-6.76
11340.00	Peak	33.78	22.80	56.58	74.00	-17.42

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5710 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



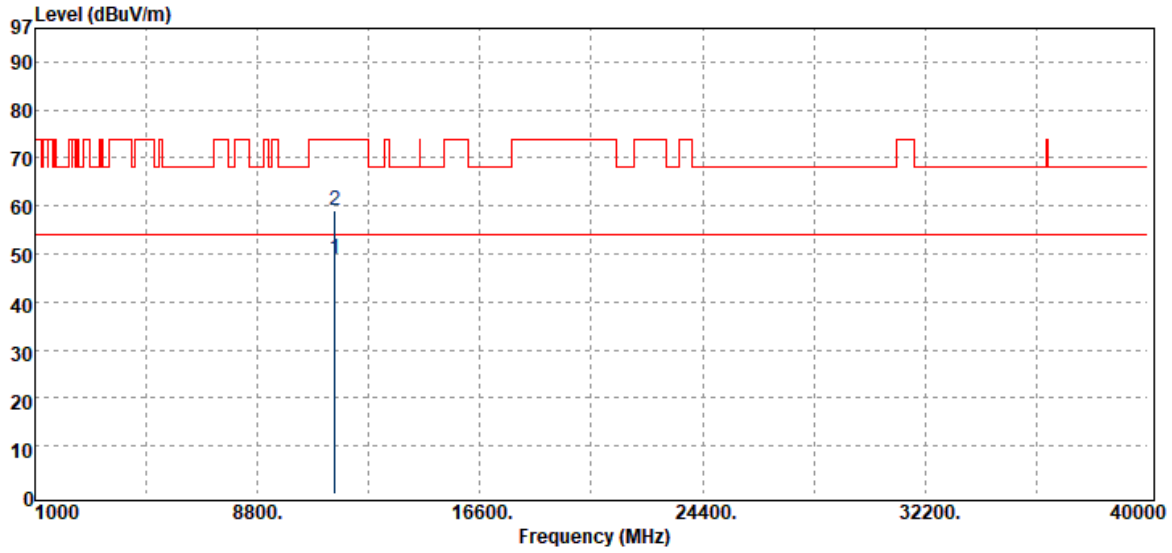
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11420.00	Average	24.06	22.43	46.49	54.00	-7.51
11420.00	Peak	34.18	22.43	56.61	74.00	-17.39

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5710 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



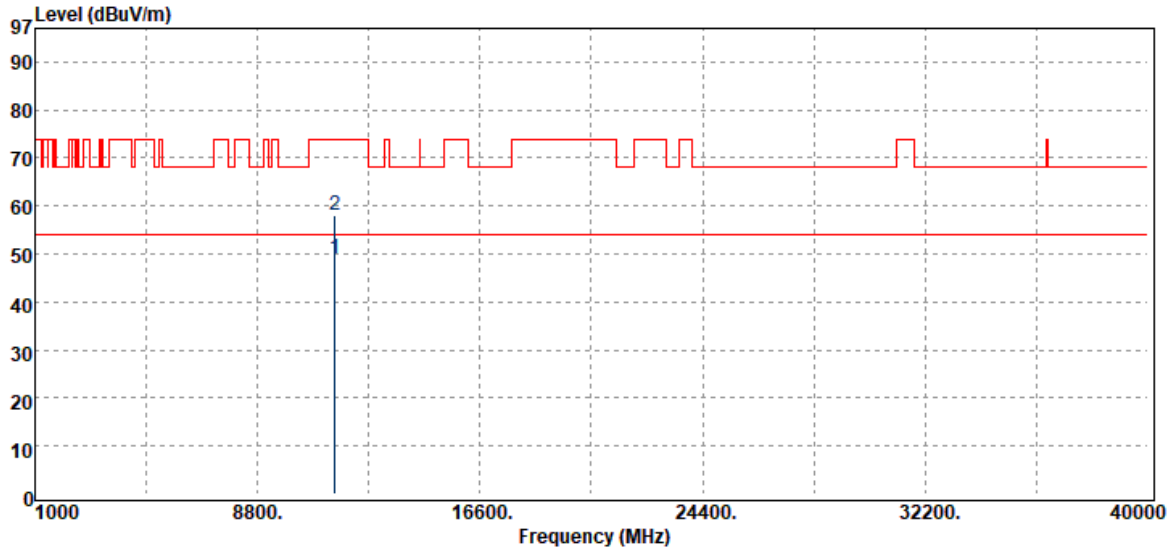
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11420.00	Average	24.08	22.43	46.51	54.00	-7.49
11420.00	Peak	33.97	22.43	56.40	74.00	-17.60

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5755 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



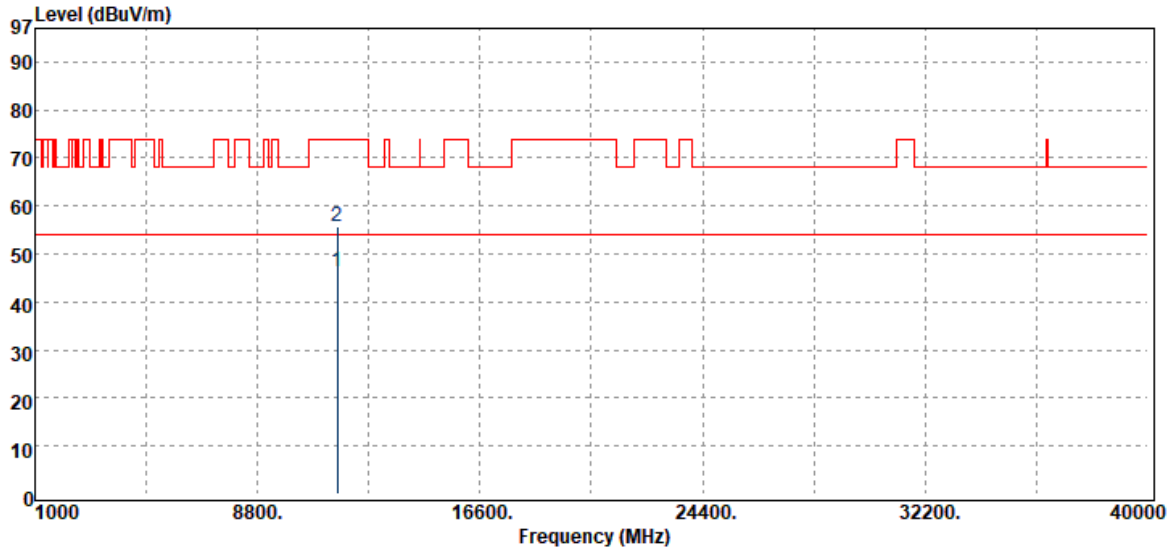
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11510.00	Average	23.67	25.29	48.96	54.00	-5.04
11510.00	Peak	33.93	25.29	59.22	74.00	-14.78

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5755 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



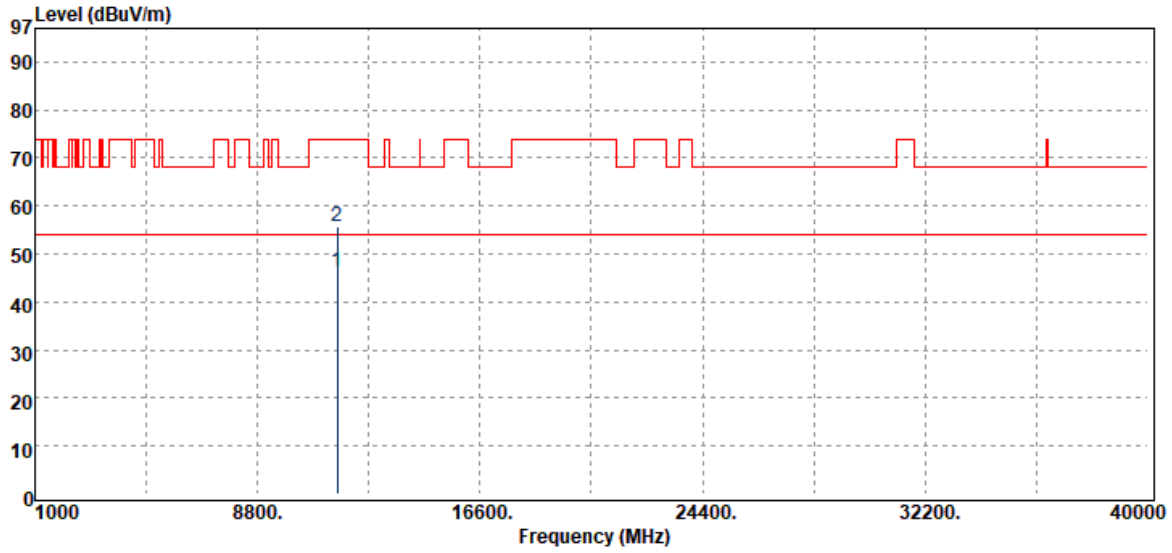
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11510.00	Average	23.75	25.29	49.04	54.00	-4.96
11510.00	Peak	32.89	25.29	58.18	74.00	-15.82

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5795 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



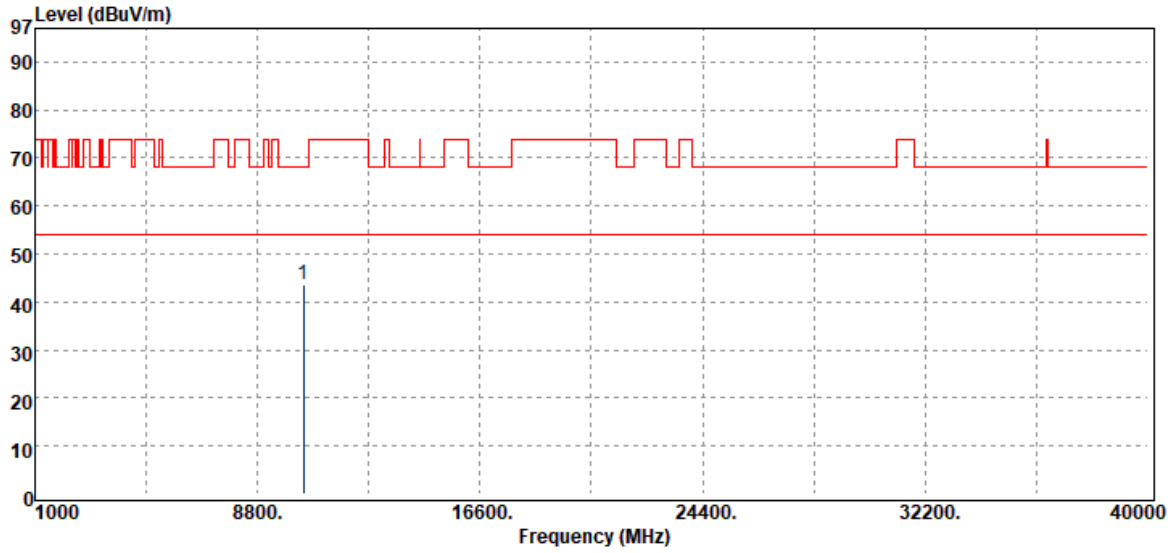
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11590.00	Average	24.66	21.67	46.33	54.00	-7.67
11590.00	Peak	34.06	21.67	55.73	74.00	-18.27

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-05-13
Test Frequency	:5795 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



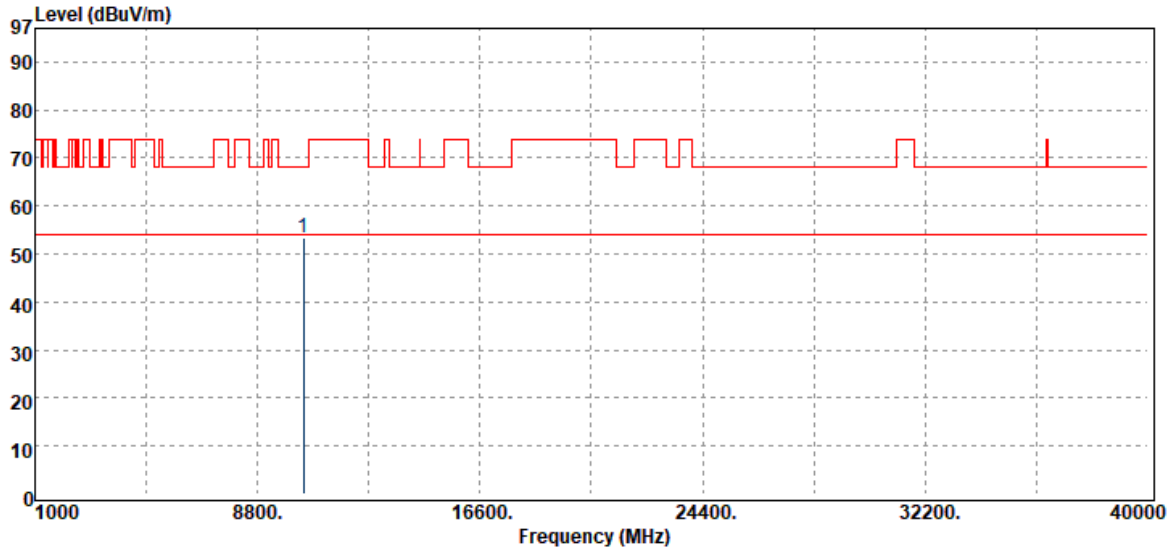
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11590.00	Average	24.57	21.67	46.24	54.00	-7.76
11590.00	Peak	34.03	21.67	55.70	74.00	-18.30

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax80 RU full	Test Date	:2021-05-13
Test Frequency	:5210 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



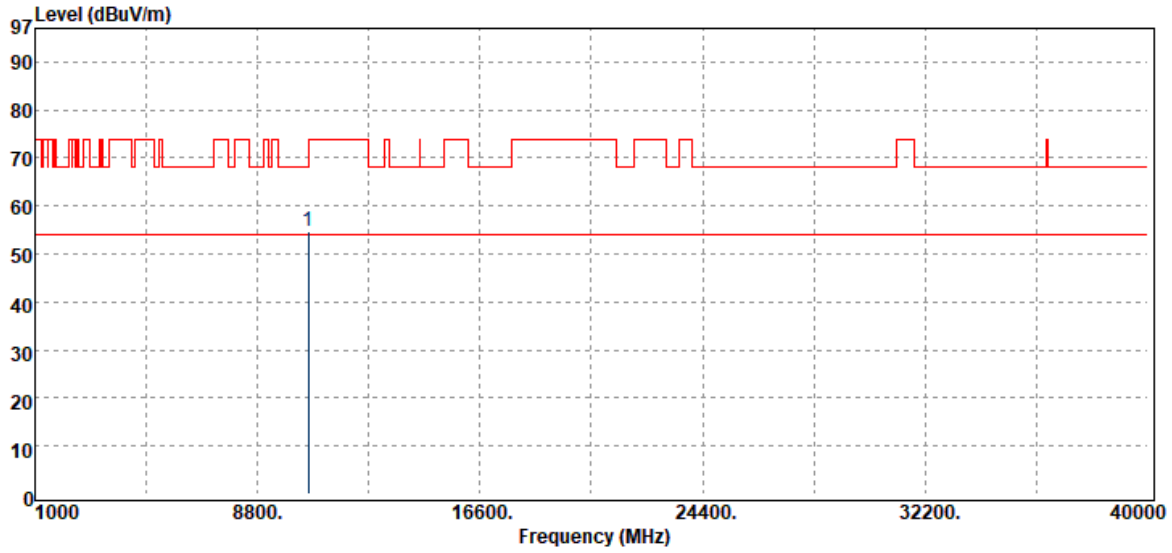
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10420.00	Average	24.85	18.66	43.51	54.00	-10.49

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax80 RU full	Test Date	:2021-05-13
Test Frequency	:5210 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



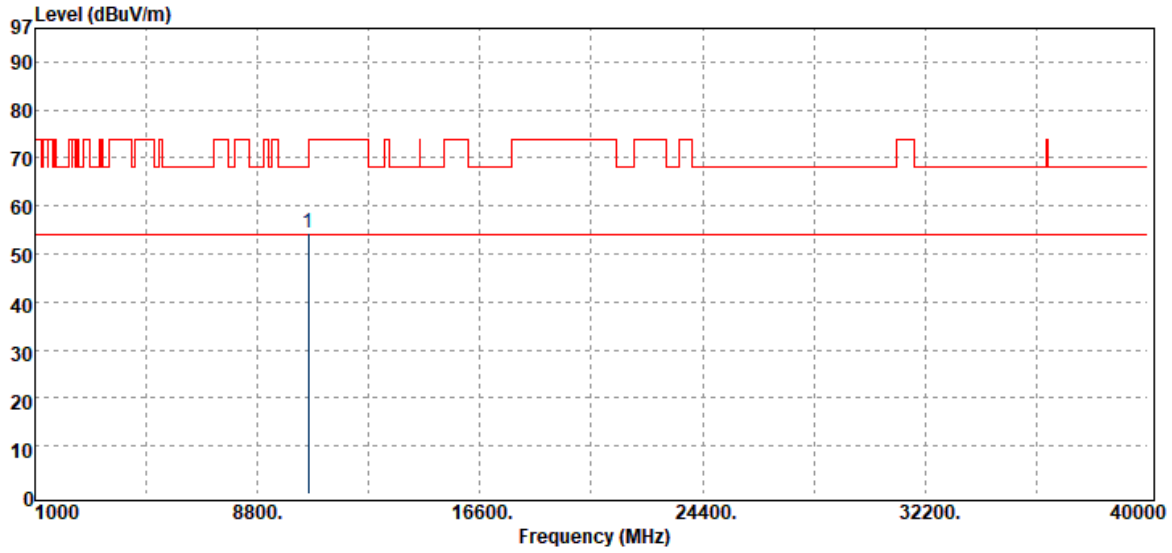
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10420.00	Peak	34.67	18.66	53.33	68.20	-14.87

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax80 RU full	Test Date	:2021-05-13
Test Frequency	:5290 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



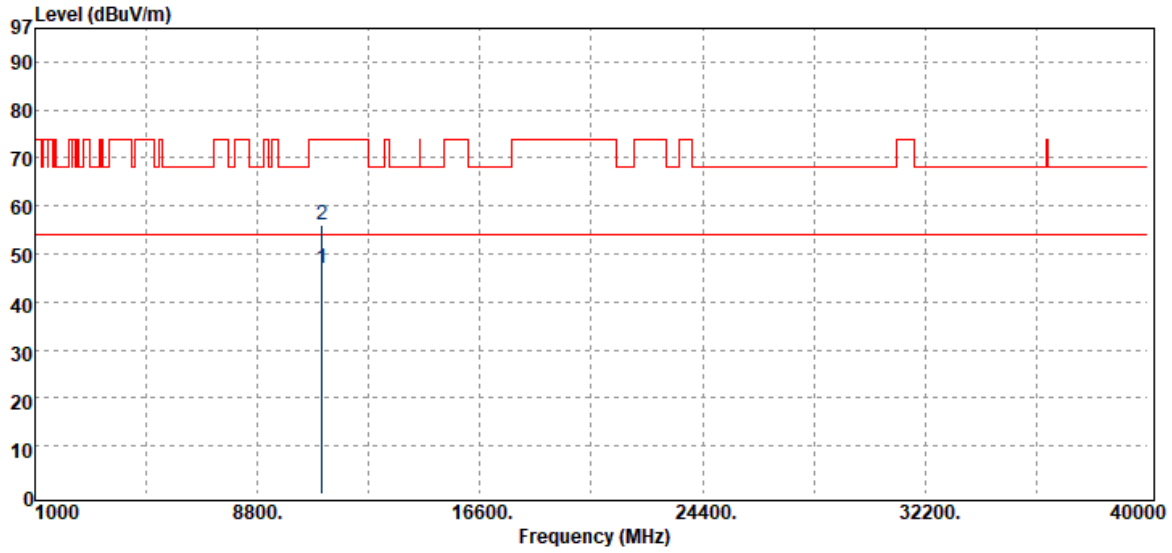
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10580.00	Peak	34.11	20.72	54.83	68.20	-13.37

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax80 RU full	Test Date	:2021-05-13
Test Frequency	:5290 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



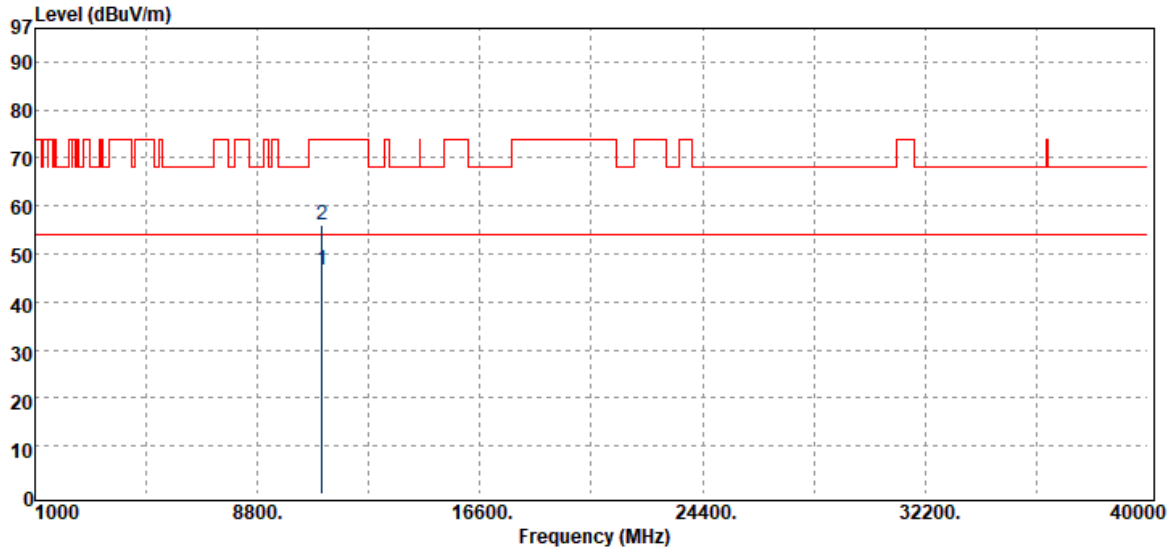
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10580.00	Peak	33.80	20.72	54.52	68.20	-13.68

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax80 RU full	Test Date	:2021-05-13
Test Frequency	:5530 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



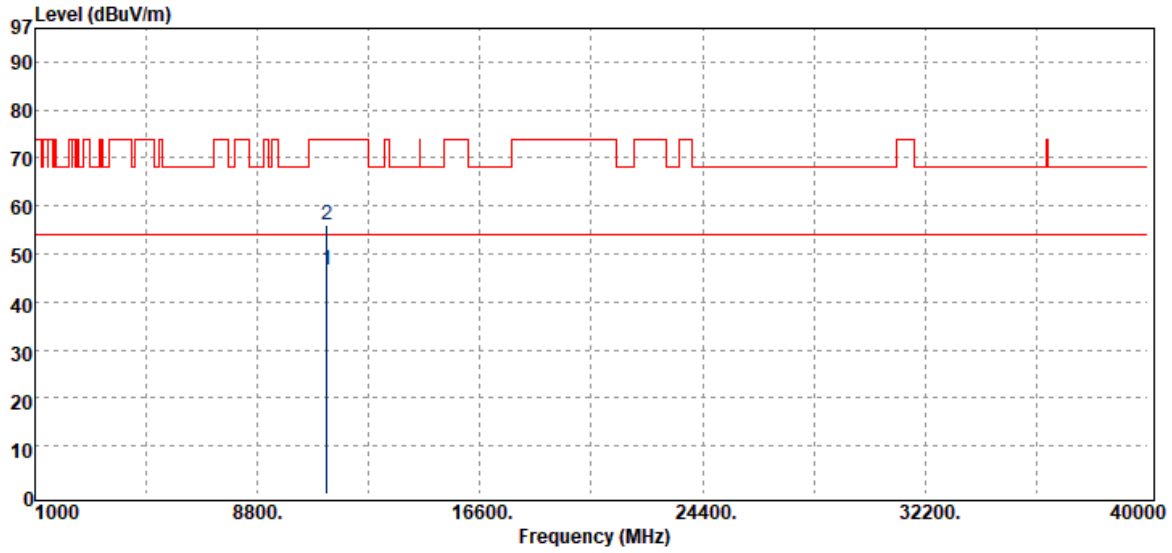
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11060.00	Average	24.35	22.51	46.86	54.00	-7.14
11060.00	Peak	33.62	22.51	56.13	74.00	-17.87

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax80 RU full	Test Date	:2021-05-13
Test Frequency	:5530 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



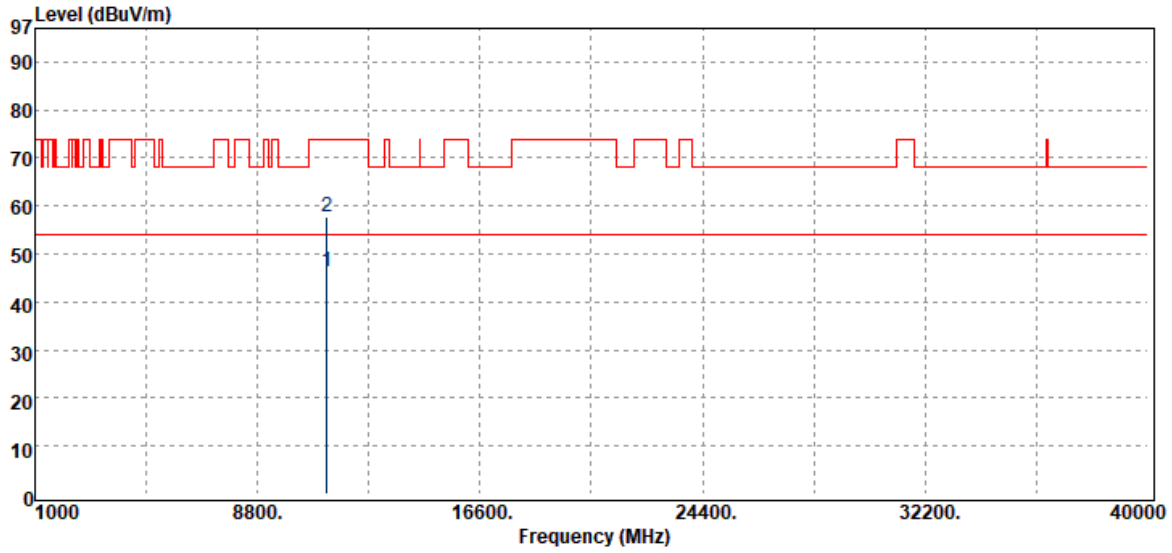
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11060.00	Average	24.28	22.51	46.79	54.00	-7.21
11060.00	Peak	33.38	22.51	55.89	74.00	-18.11

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax80 RU full	Test Date	:2021-05-13
Test Frequency	:5610 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



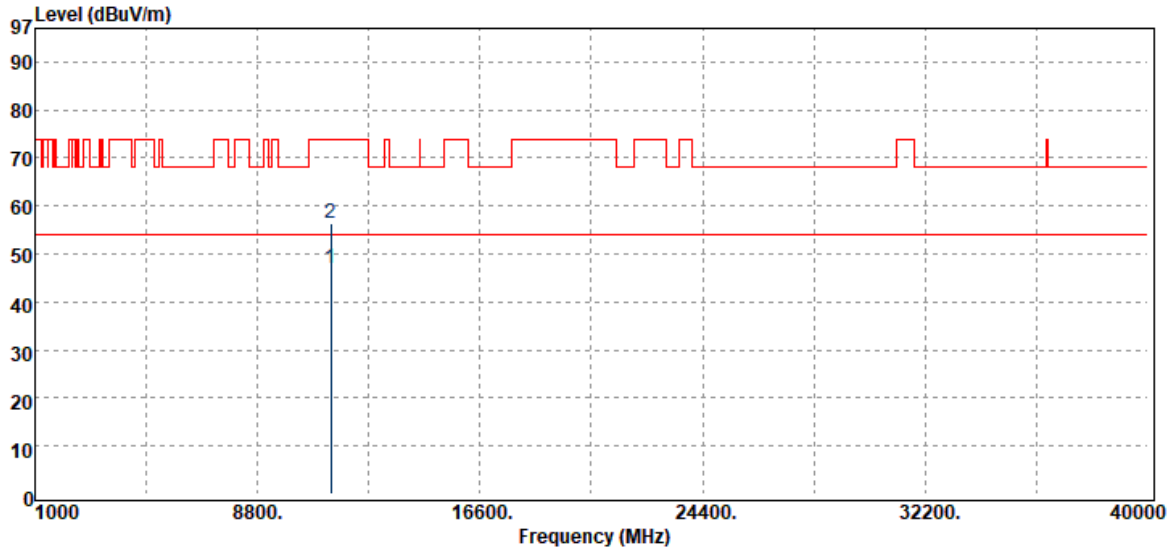
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11220.00	Average	24.48	22.01	46.49	54.00	-7.51
11220.00	Peak	34.13	22.01	56.14	74.00	-17.86

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax80 RU full	Test Date	:2021-05-13
Test Frequency	:5610 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



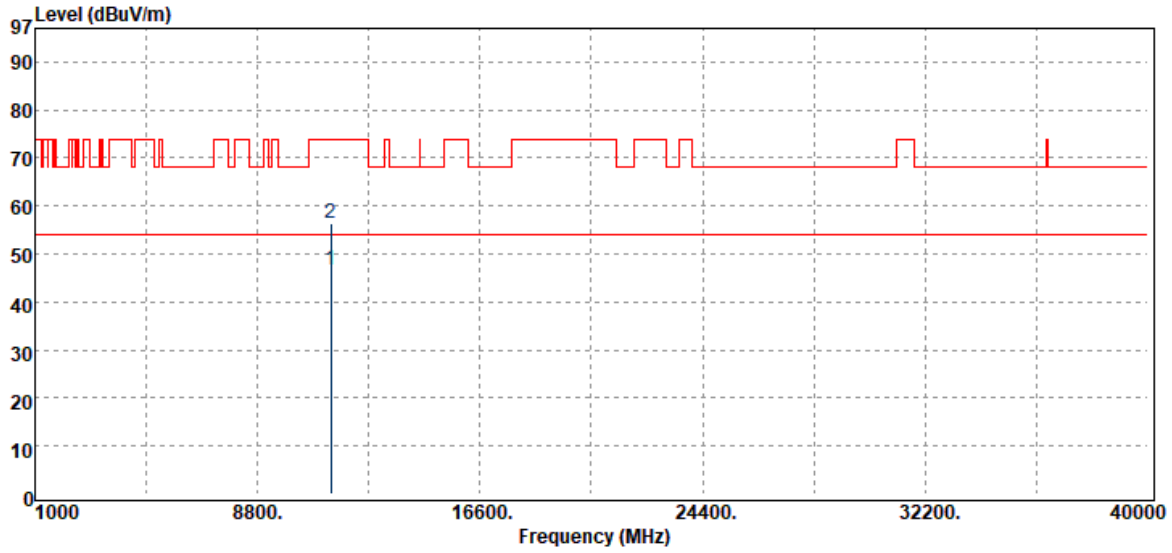
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11220.00	Average	24.39	22.01	46.40	54.00	-7.60
11220.00	Peak	35.84	22.01	57.85	74.00	-16.15

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax80 RU full	Test Date	:2021-05-13
Test Frequency	:5690 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



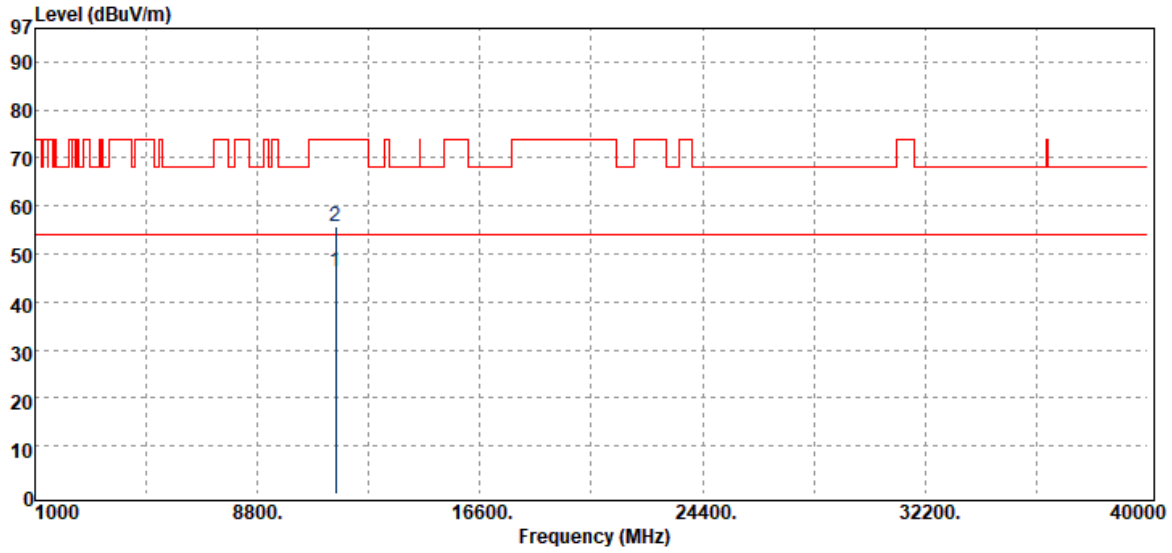
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11380.00	Average	24.42	22.46	46.88	54.00	-7.12
11380.00	Peak	33.90	22.46	56.36	74.00	-17.64

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax80 RU full	Test Date	:2021-05-13
Test Frequency	:5690 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



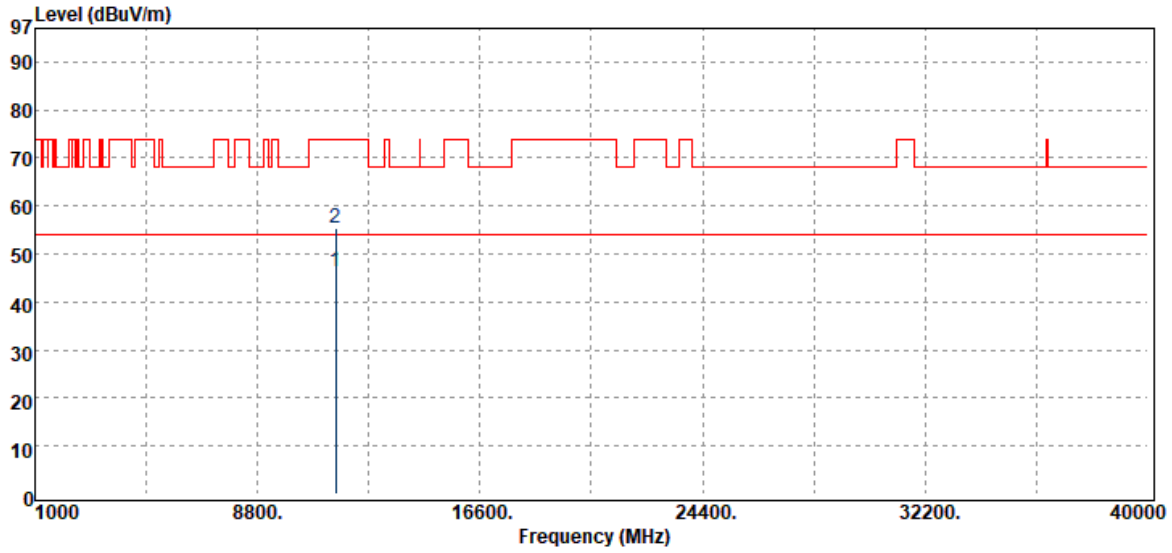
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11380.00	Average	24.36	22.46	46.82	54.00	-7.18
11380.00	Peak	33.87	22.46	56.33	74.00	-17.67

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax80 RU full	Test Date	:2021-05-13
Test Frequency	:5775 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



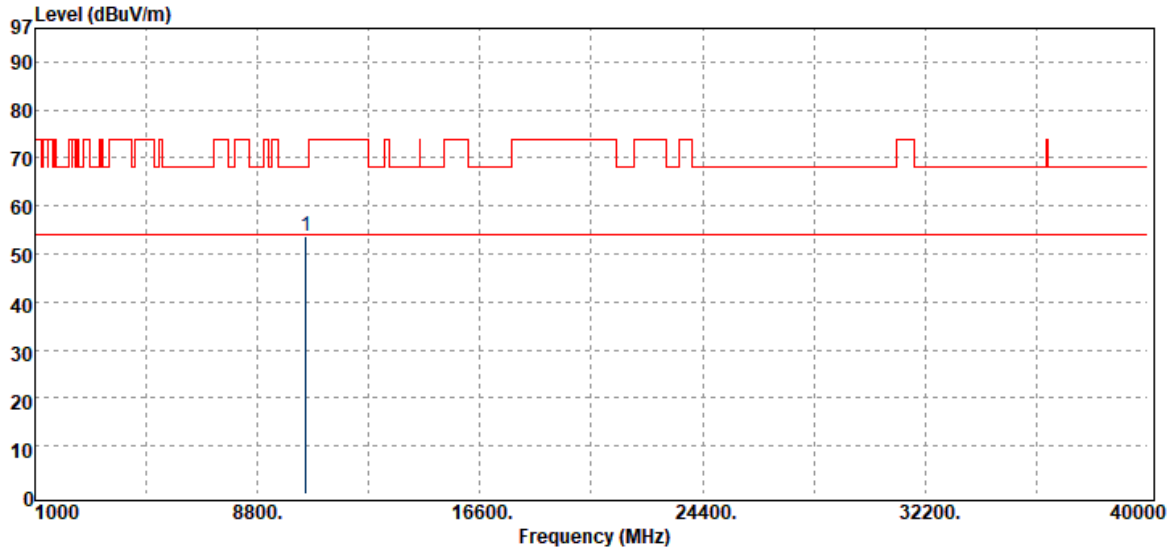
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11550.00	Average	24.26	22.07	46.33	54.00	-7.67
11550.00	Peak	33.76	22.07	55.83	74.00	-18.17

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax80 RU full	Test Date	:2021-05-13
Test Frequency	:5775 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



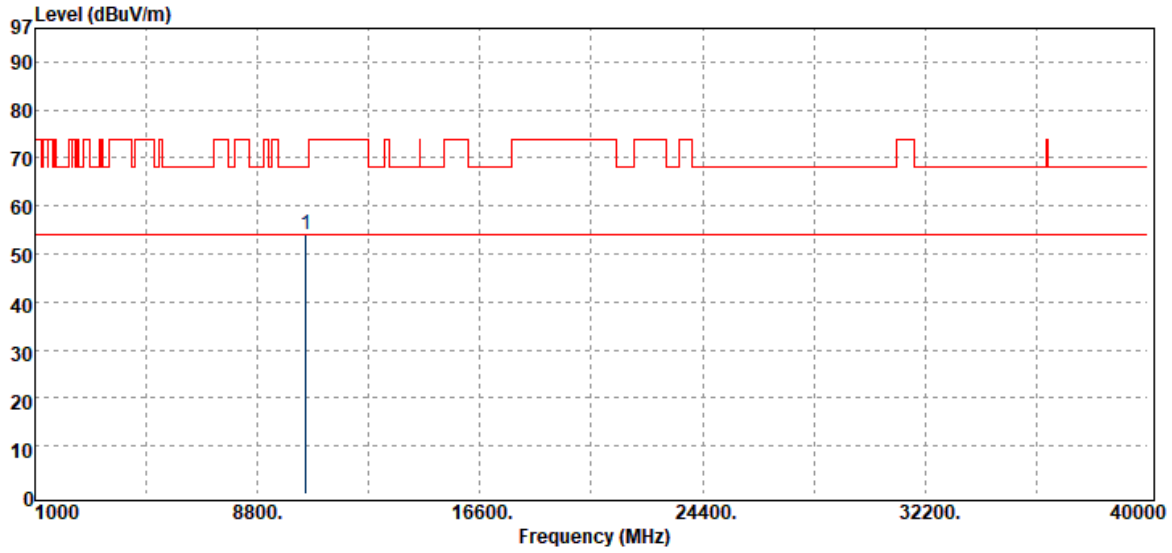
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11550.00	Average	24.17	22.07	46.24	54.00	-7.76
11550.00	Peak	33.33	22.07	55.40	74.00	-18.60

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax160 RU full	Test Date	:2021-05-13
Test Frequency	:5250 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



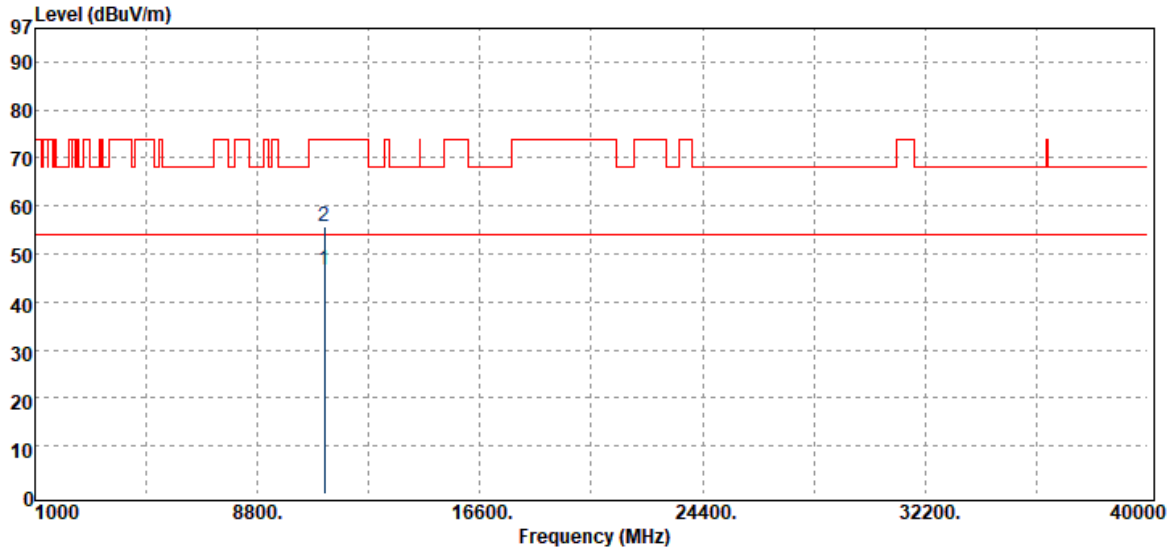
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10500.00	Peak	33.81	19.93	53.74	68.20	-14.46

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax160 RU full	Test Date	:2021-05-13
Test Frequency	:5250 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



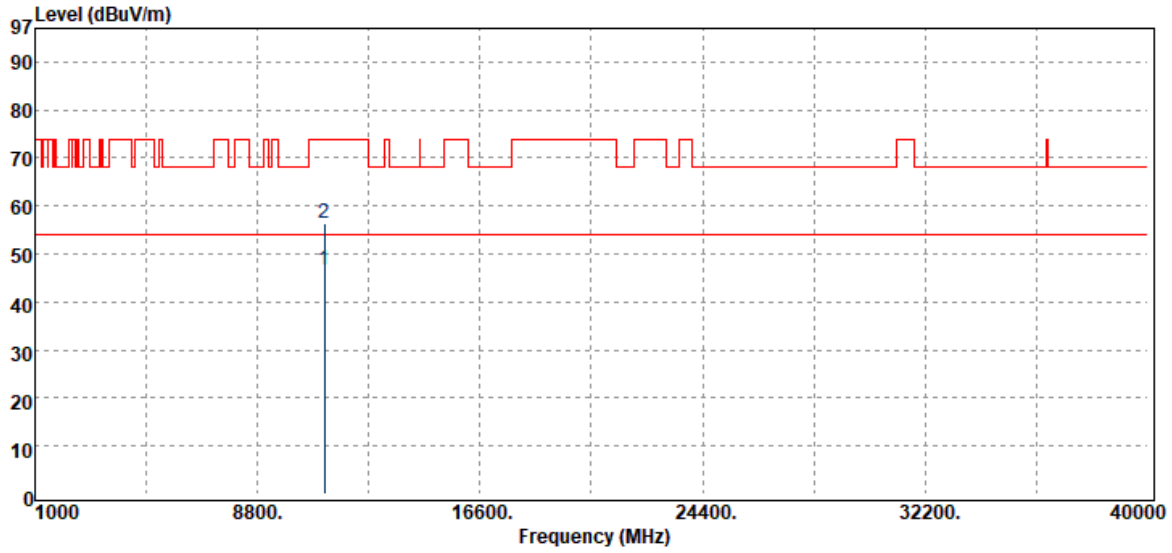
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10500.00	Peak	34.06	19.93	53.99	68.20	-14.21

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax160 RU full	Test Date	:2021-05-13
Test Frequency	:5570 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11140.00	Average	24.57	22.18	46.75	54.00	-7.25
11140.00	Peak	33.69	22.18	55.87	74.00	-18.13

Report Number	:ER-2021-40089	Test Site	:SAC III Chamber
Operation Mode	:802.11ax160 RU full	Test Date	:2021-05-13
Test Frequency	:5570 MHz	Temp./Humi.	:24.9/59
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
11140.00	Average	24.57	22.18	46.75	54.00	-7.25
11140.00	Peak	34.35	22.18	56.53	74.00	-17.47

~ End of Report ~