

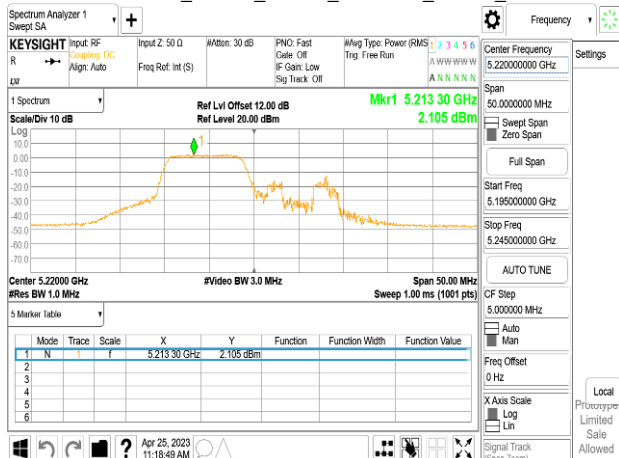
802.11ax\_20MHz\_Chain1\_5220MHz



802.11ax\_20MHz\_Chain1\_5220MHz\_RU52\_37



802.11ax\_20MHz\_Chain1\_5220MHz\_RU106\_53



802.11ax\_20MHz\_Chain1\_5240MHz



802.11ax\_20MHz\_Chain1\_5220MHz\_RU26\_0



802.11ax\_20MHz\_Chain1\_5240MHz\_RU106\_53



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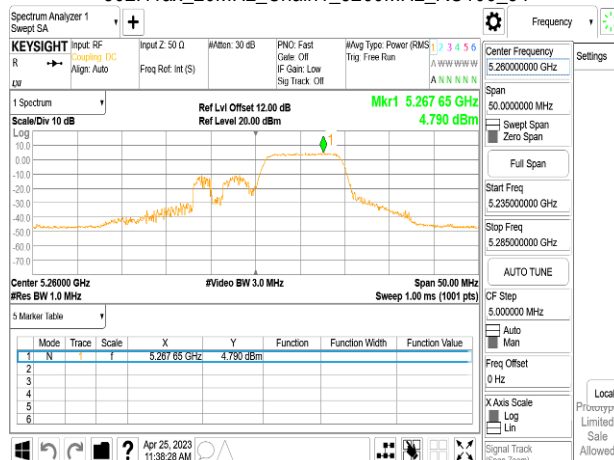
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802.11ax\_20MHz\_Chain1\_5240MHz\_RU26\_0



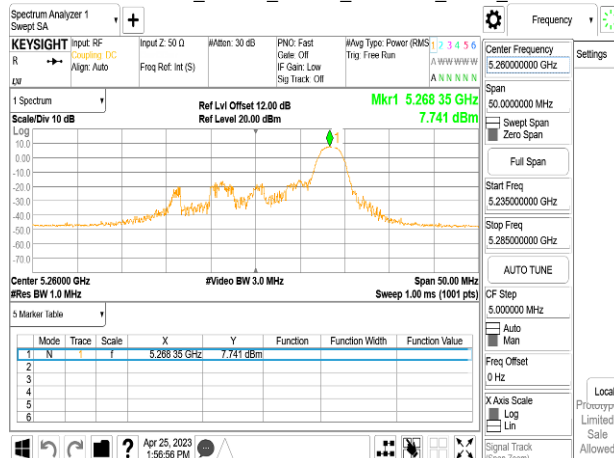
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802.11ax\_20MHz\_Chain1\_5240MHz\_RU52\_37



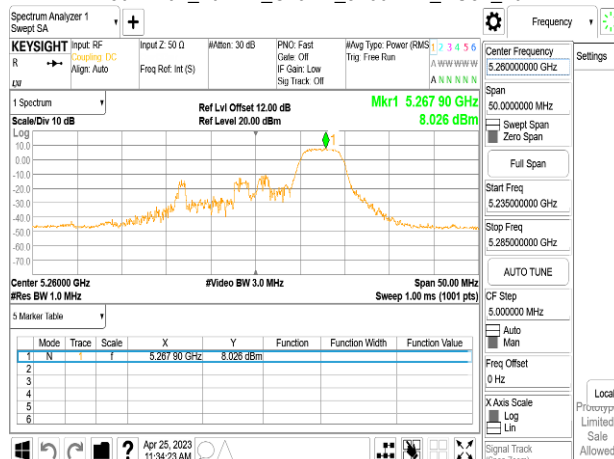
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802.11ax\_20MHz\_Chain1\_5260MHz



802.11ax\_20MHz\_Chain1\_5260MHz\_RU52\_40



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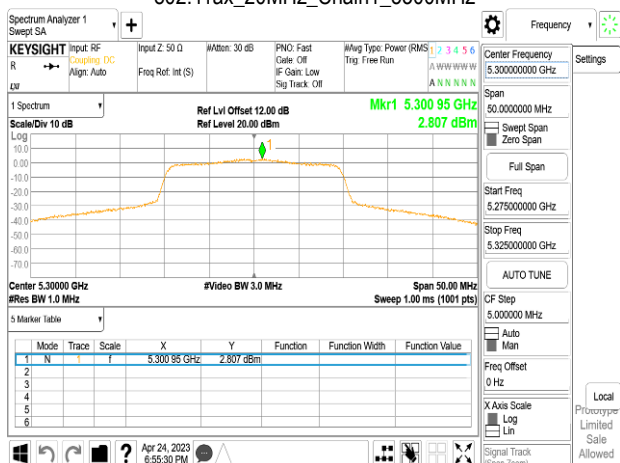
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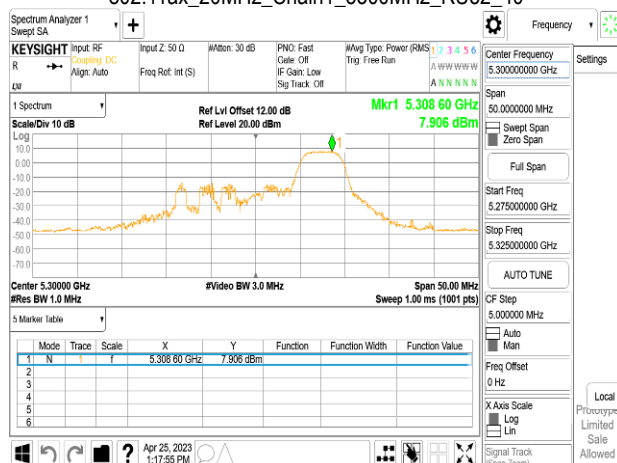
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802.11ax\_20MHz\_Chain1\_5300MHz



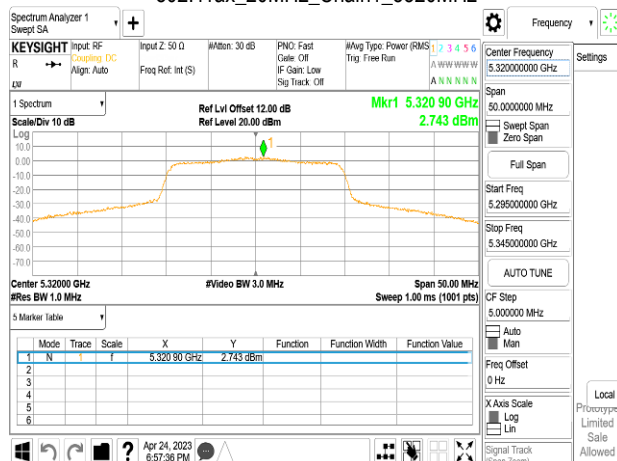
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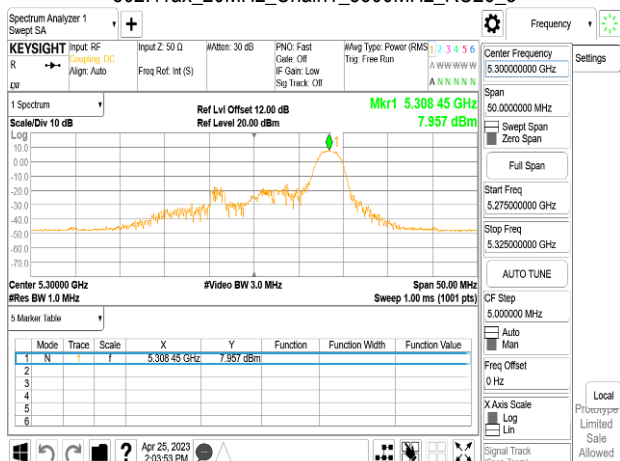
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802.11ax\_20MHz\_Chain1\_5320MHz



802.11ax\_20MHz\_Chain1\_5300MHz\_RU26\_8



802.11ax\_20MHz\_Chain1\_5320MHz\_RU106\_54



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802.11ax\_20MHz\_Chain1\_5320MHz\_RU26\_8



802.11ax\_40MHz\_Chain0\_5190MHz\_RU242\_61



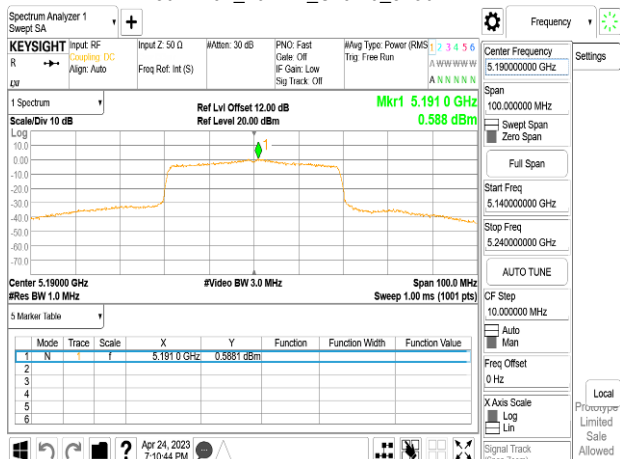
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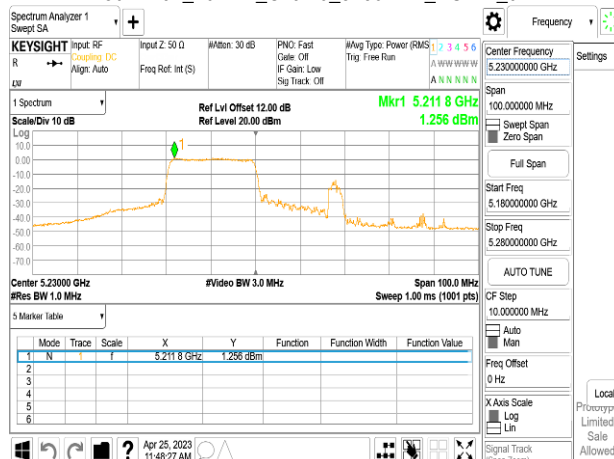
802.11ax\_40MHz\_Chain0\_5230MHz



802.11ax\_40MHz\_Chain0\_5190MHz



802.11ax\_40MHz\_Chain0\_5230MHz\_RU242\_61



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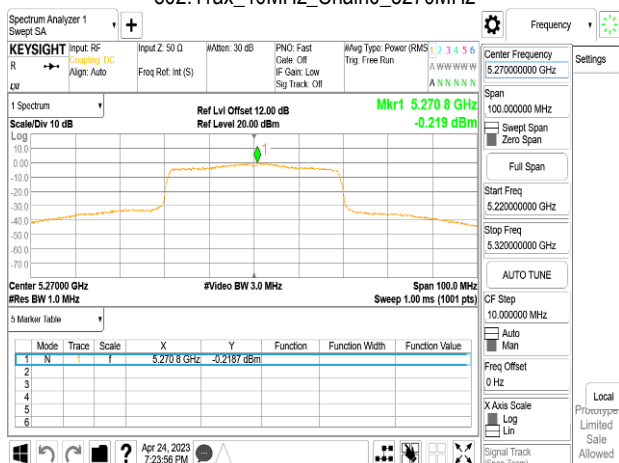
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802.11ax\_40MHz\_Chain0\_5270MHz



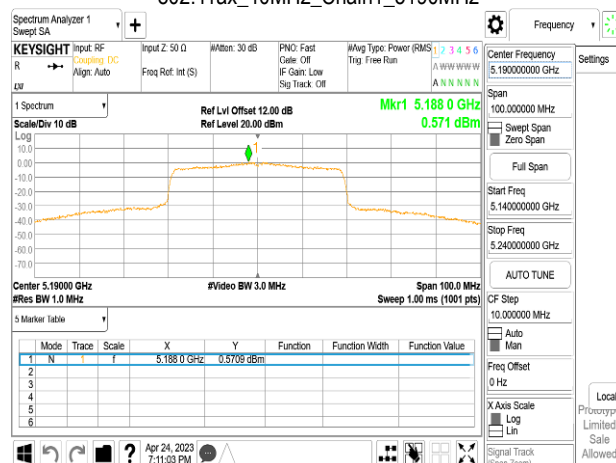
802.11ax\_40MHz\_Chain0\_5310MHz\_RU242\_62



802.11ax\_40MHz\_Chain0\_5270MHz\_RU242\_62



802.11ax\_40MHz\_Chain1\_5190MHz



802.11ax\_40MHz\_Chain0\_5310MHz



802.11ax\_40MHz\_Chain1\_5190MHz\_RU242\_61

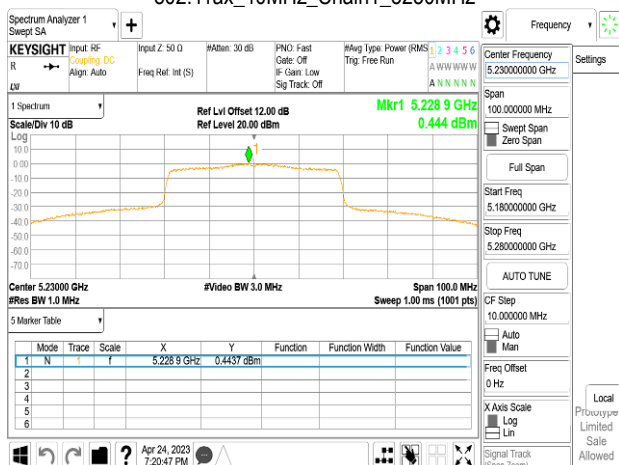


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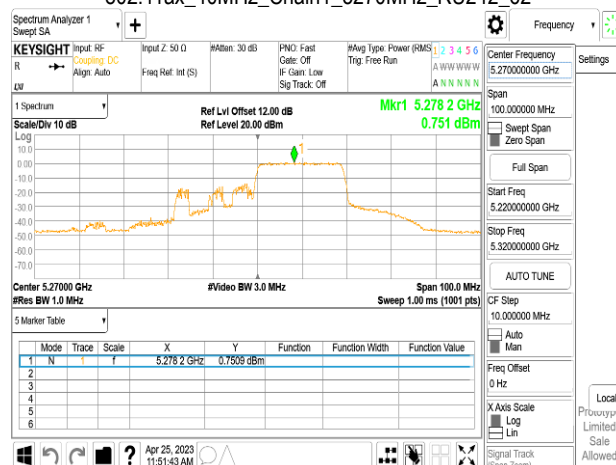
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802.11ax\_40MHz\_Chain1\_5230MHz



802.11ax\_40MHz\_Chain1\_5270MHz\_RU242\_62



802.11ax\_40MHz\_Chain1\_5230MHz\_RU242\_61



802.11ax\_40MHz\_Chain1\_5310MHz



802.11ax\_40MHz\_Chain1\_5270MHz



802.11ax\_40MHz\_Chain1\_5310MHz\_RU242\_62



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802.11ax\_80MHz\_Chain0\_5210MHz



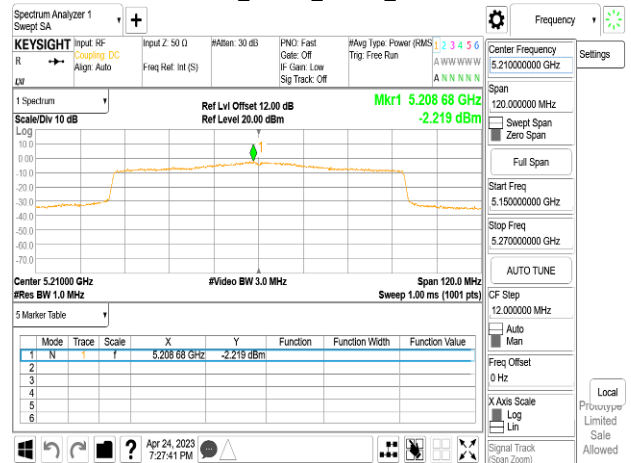
802.11ax\_80MHz\_Chain0\_5290MHz\_RU484\_66



802.11ax\_80MHz\_Chain0\_5210MHz\_RU484\_65



802.11ax\_80MHz\_Chain1\_5210MHz



802.11ax\_80MHz\_Chain0\_5290MHz



802.11ax\_80MHz\_Chain1\_5210MHz\_RU484\_65

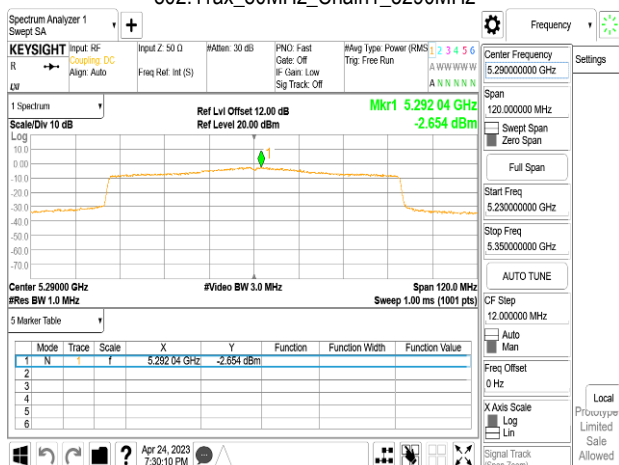


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802.11ax\_80MHz\_Chain1\_5290MHz



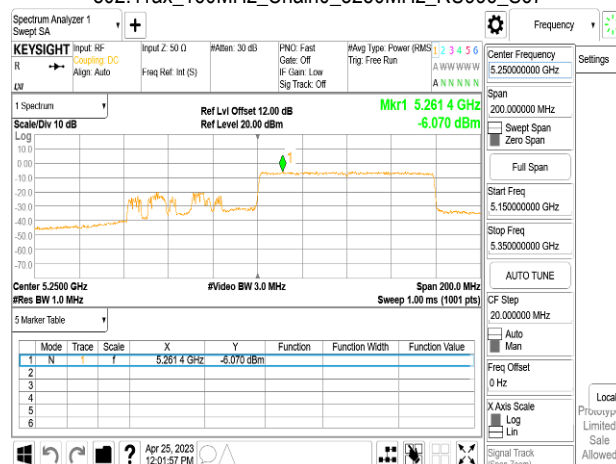
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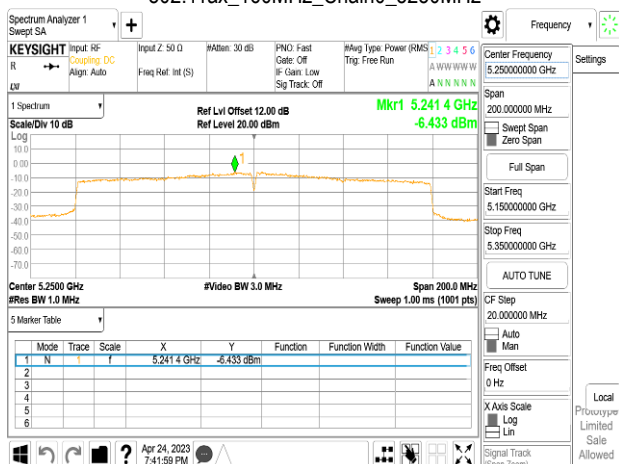
802.11ax\_80MHz\_Chain1\_5290MHz\_RU484\_66



802.11ax\_160MHz\_Chain0\_5250MHz\_RU996\_S67



802.11ax\_160MHz\_Chain0\_5250MHz



802.11ax\_160MHz\_Chain1\_5250MHz



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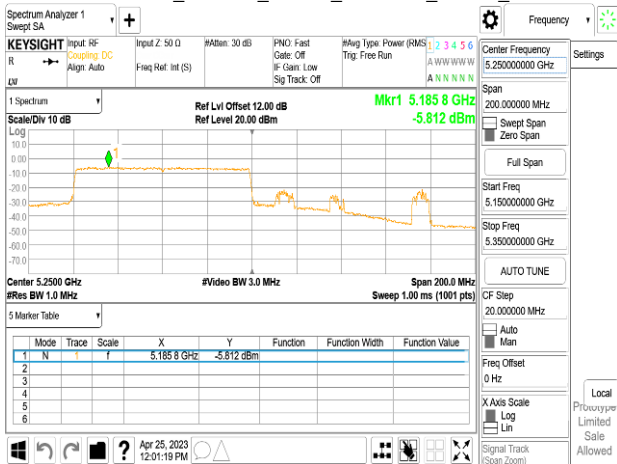
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802.11ax\_160MHz\_Chain1\_5250MHz\_RU996\_67



802.11ax\_160MHz\_Chain1\_5250MHz\_RU996\_S67



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## 9 UNDESIRABLE RADIATED EMISSION MEASUREMENT

### 9.1 Standard Applicable

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

#### 9.1.1 5150~5850 MHz

Applicable to	Operation Freq. (MHz)	EIRP		Field Strength @ 3m (dBμV/m)
		Freq. (MHz)	Limits (dBm/MHz)	
15.407(b)(1) RSS-247 §6.2.1.2	5150~5250	$f \leq 5150$ $f \geq 5350$	PK: -27	PK: 68.2
15.407(b)(2) RSS-247 §6.2.2.2	5250~5350			
15.407(b)(3) RSS-247 §6.2.3.2	5475~5725			
15.407(b)(4)(i) RSS-247 §6.2.4.2	5725~5850	at 75 MHz or more above or below the band edge	PK:-27	PK: 68.2
		increasing linearly from 75~25MHz above or below the band edge	PK:-27~10	PK: 68.2~105.2
		increasing linearly from 25~5MHz above or below the band edge	PK:10~15.6	PK: 105.2~110.8
		increasing linearly from 5~0 MHz above or below the band edge	PK: 15.6~27	PK:110.8~122.2

### 9.1.2 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:**

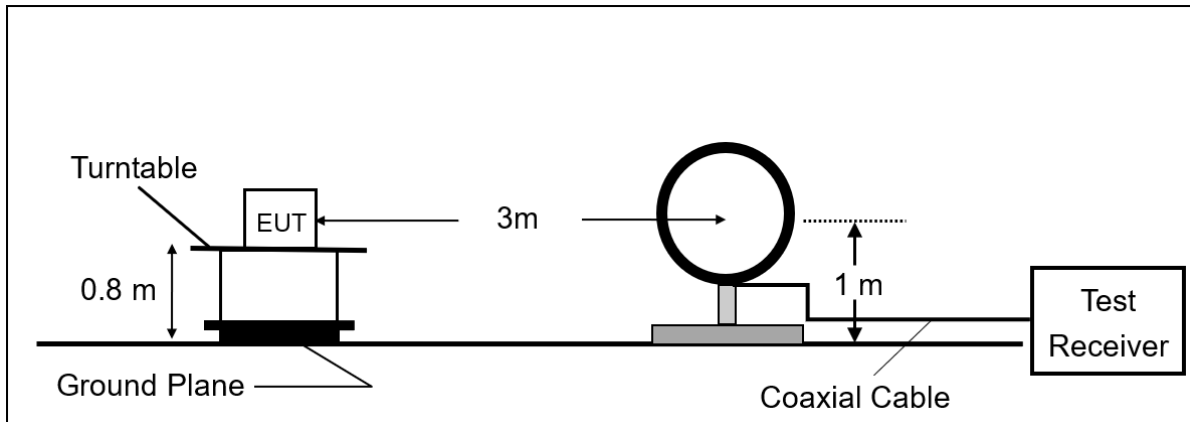
- The lower limit shall apply at the transition frequencies.

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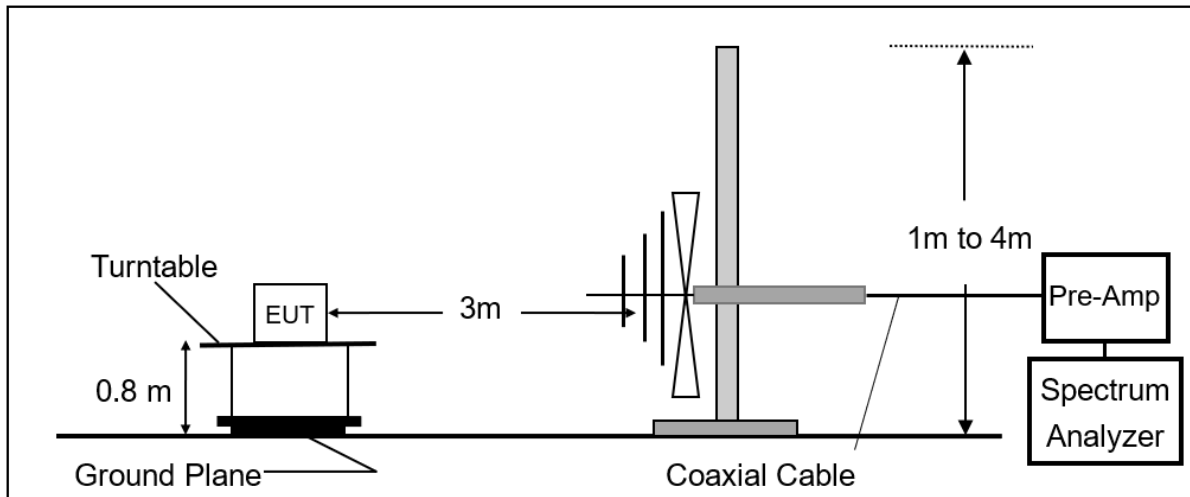
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## 9.2 Test Setup

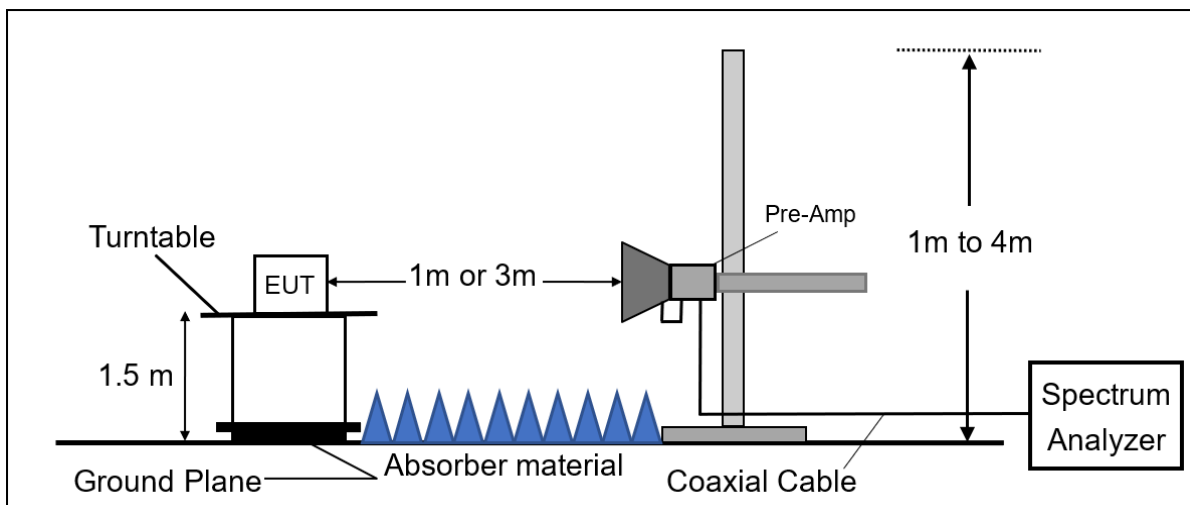
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



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



(C) Radiated Emission Test Set-Up, Frequency Above 1GHz



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### 9.3 Measurement Procedure

1. The testing follows FCC KDB 789033 D02.
2. The EUT was placed on a turn table with 0.8m for frequency < 1GHz and 1.5m for frequency > 1GHz above ground plane.
3. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
4. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
5. Set the spectrum analyzer as RBW=100 kHz and VBW=300 kHz for Peak Detector (PK) at frequency between 30MHz and 1 GHz
6. Use receiver mode as RBW=120 kHz for Quasi-peak (QP) at frequency between 30MHz and 1 GHz.
7. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz for Maximum Emission Measurements at frequency above 1 GHz.
8. Set the spectrum analyzer as RBW=1 MHz, VBW=10 Hz (Duty cycle > 98%) or VBW  $\geq 1/T$  (Duty cycle < 98%) for Average Emission Measurements at frequency above 1 GHz.
9. When 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.
10. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
11. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
12. Repeat above procedures until all frequency measured were complete.

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#### 9.4 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  $20 \cdot \log(uV/m)$*

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

*Factor(dB) = Antenna Factor(dBuV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)*

#### 9.5 Test Results of Radiated Spurious Emissions from 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.

Radiated Spurious Emission Measurement Result

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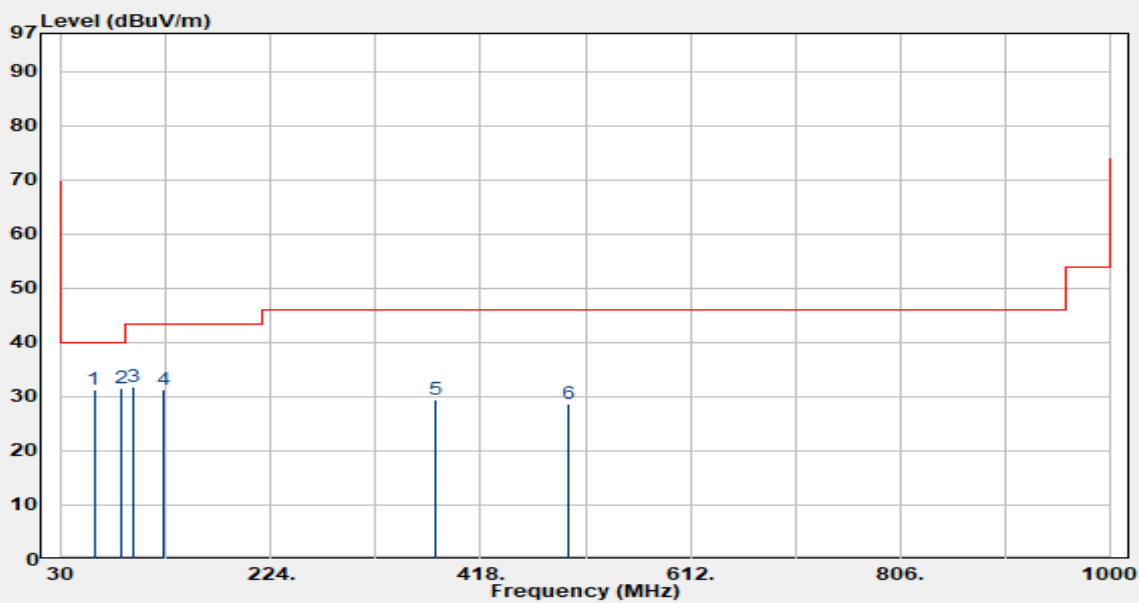
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## 9.5.1 Spurious Emission

## 9.5.1.1 Monopole antenna (GW.05.0153)

Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



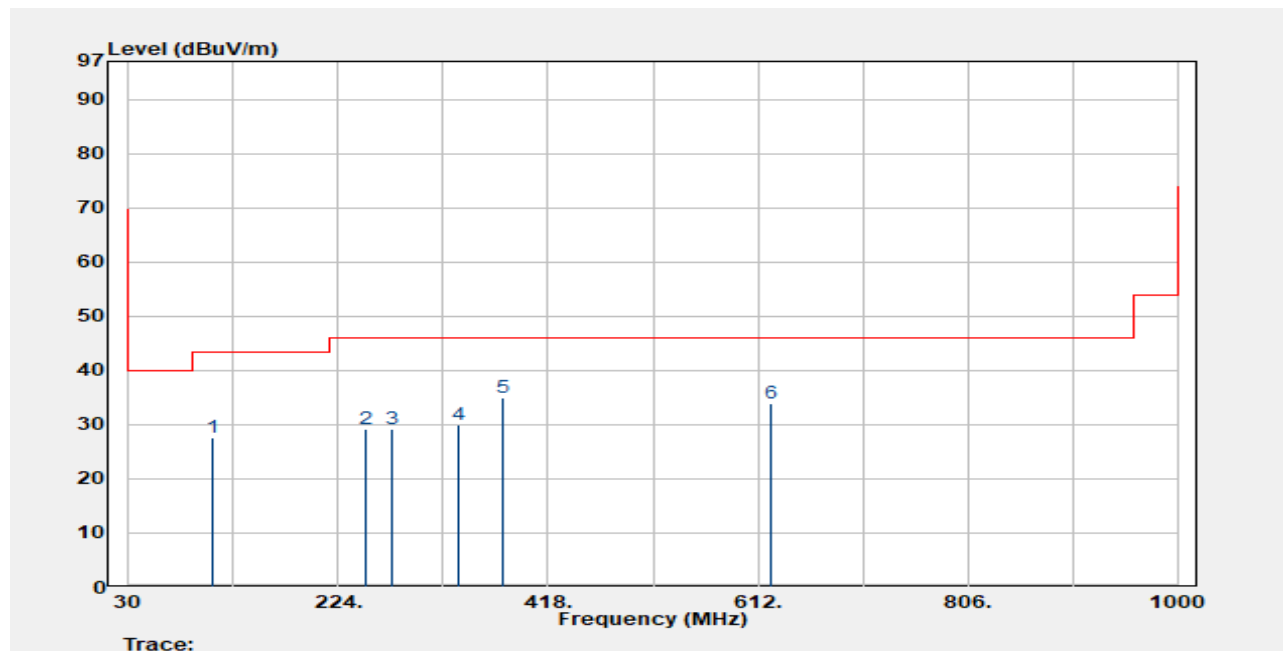
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
60.070	Peak	40.23	-8.99	31.24	40.00	-8.76
85.290	Peak	45.80	-14.25	31.55	40.00	-8.45
96.930	Peak	45.39	-13.47	31.92	43.50	-11.58
125.060	Peak	41.67	-10.27	31.40	43.50	-12.10
375.320	Peak	34.84	-5.50	29.35	46.00	-16.65
499.480	Peak	32.40	-3.75	28.65	46.00	-17.35

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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
107.600	Peak	39.44	-11.74	27.69	43.50	-15.81
250.190	Peak	38.08	-8.87	29.21	46.00	-16.79
274.440	Peak	36.72	-7.49	29.23	46.00	-16.77
335.550	Peak	36.13	-6.24	29.89	46.00	-16.11
375.320	Peak	40.41	-5.50	34.91	46.00	-11.09
624.610	Peak	34.96	-1.07	33.89	46.00	-12.11

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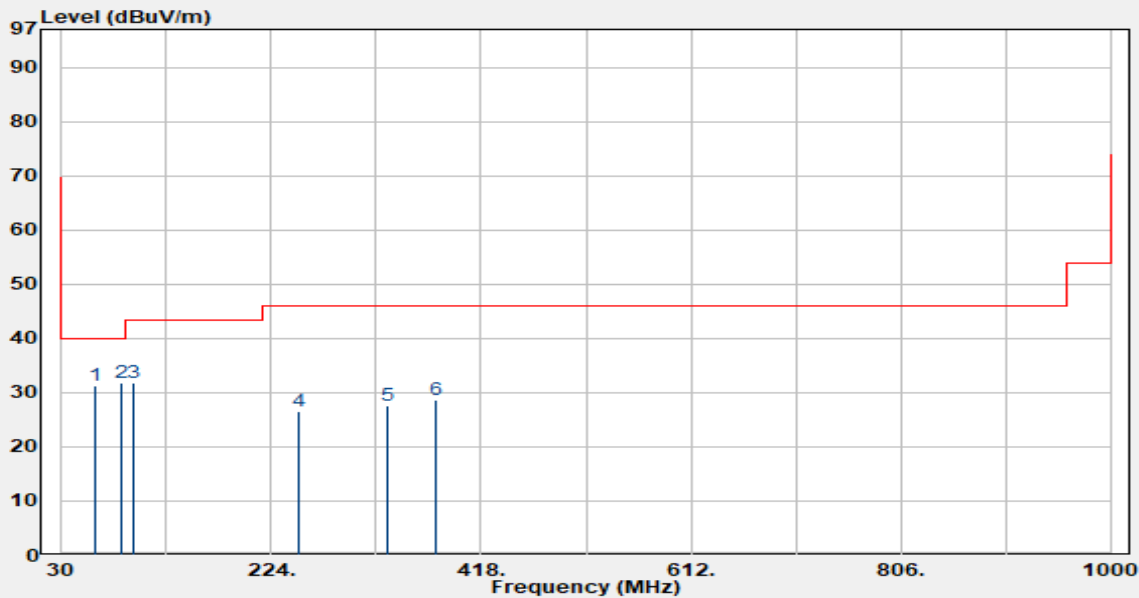
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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
61.040	Peak	40.52	-9.35	31.16	40.00	-8.84
85.290	Peak	46.06	-14.25	31.81	40.00	-8.19
96.930	Peak	45.18	-13.47	31.71	43.50	-11.79
250.190	Peak	35.41	-8.87	26.54	46.00	-19.46
330.700	Peak	33.81	-6.26	27.55	46.00	-18.45
375.320	Peak	34.26	-5.50	28.76	46.00	-17.24

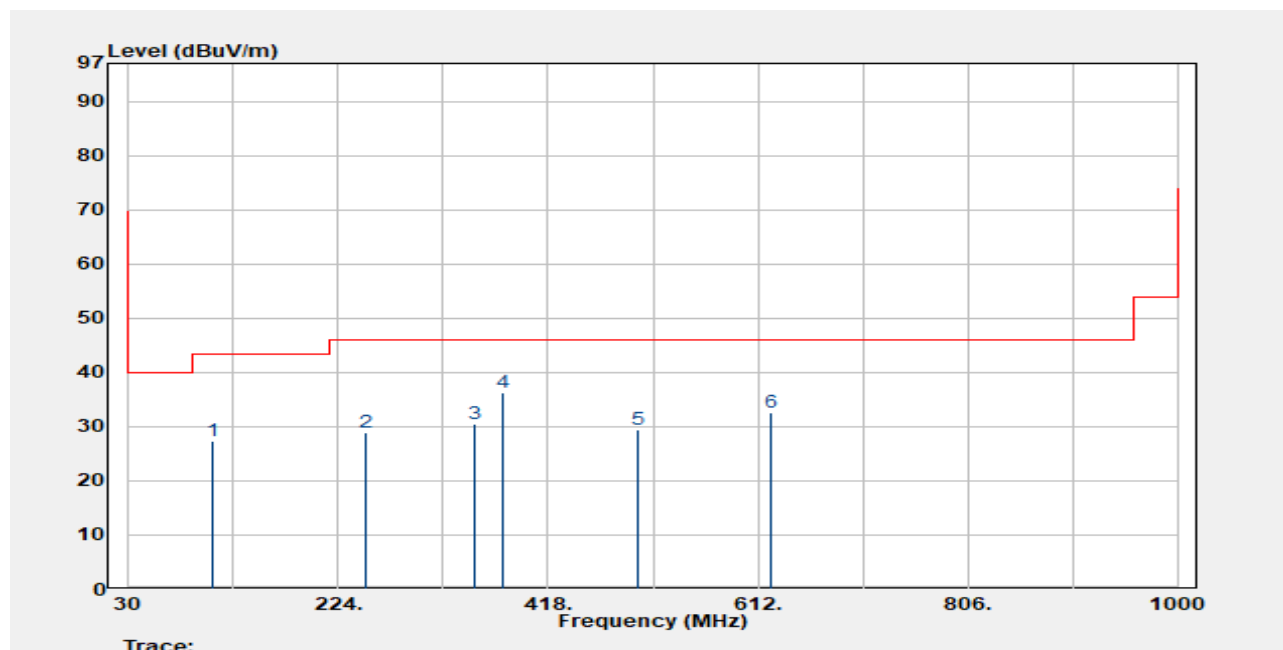
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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



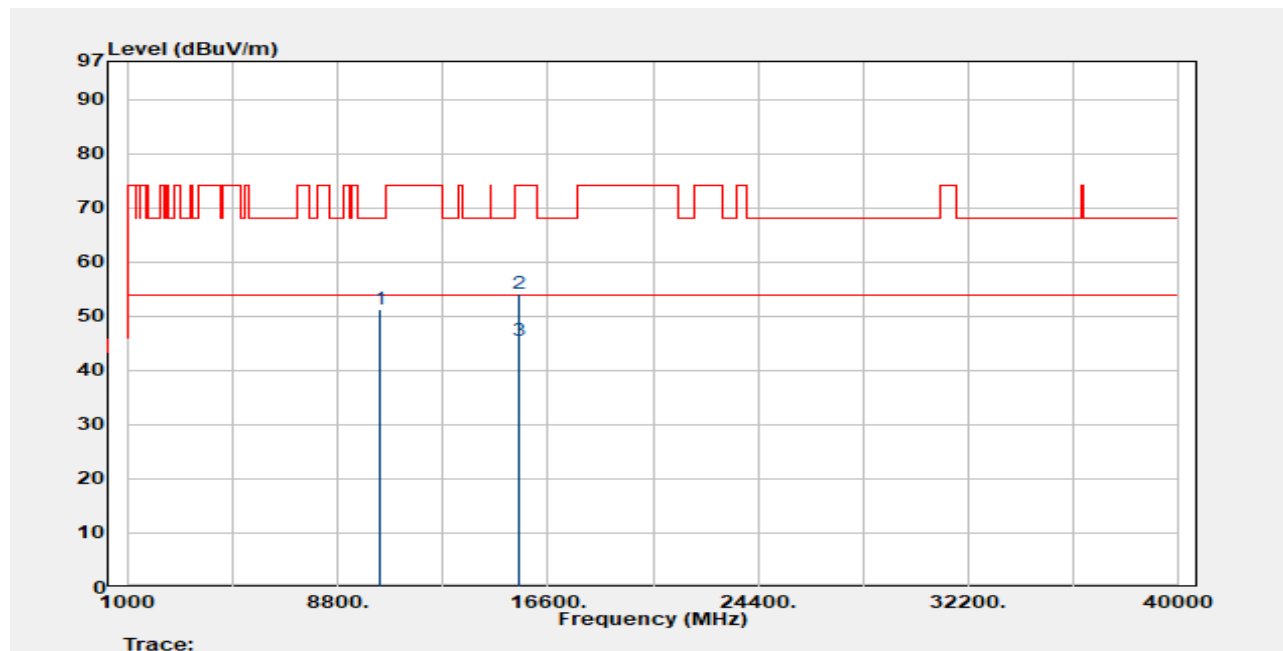
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
107.600	Peak	39.03	-11.74	27.28	43.50	-16.22
250.190	Peak	37.67	-8.87	28.80	46.00	-17.20
350.100	Peak	36.49	-6.13	30.37	46.00	-15.63
375.320	Peak	41.72	-5.50	36.23	46.00	-9.77
500.450	Peak	33.23	-3.75	29.48	46.00	-16.52
624.610	Peak	33.72	-1.07	32.65	46.00	-13.35

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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5180 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10360.000	Peak	41.20	10.00	51.20	68.20	-17.00
15540.000	Peak	43.88	10.24	54.12	74.00	-19.88
15540.000	Average	35.36	10.24	45.60	54.00	-8.40

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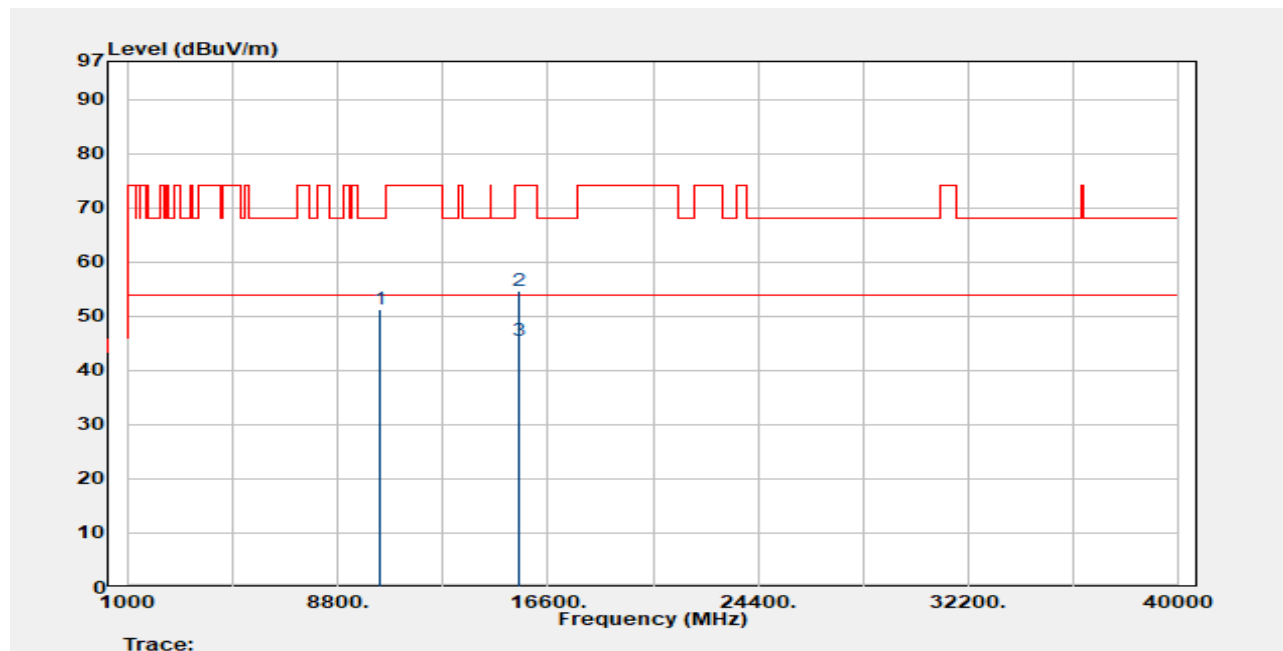
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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5180 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



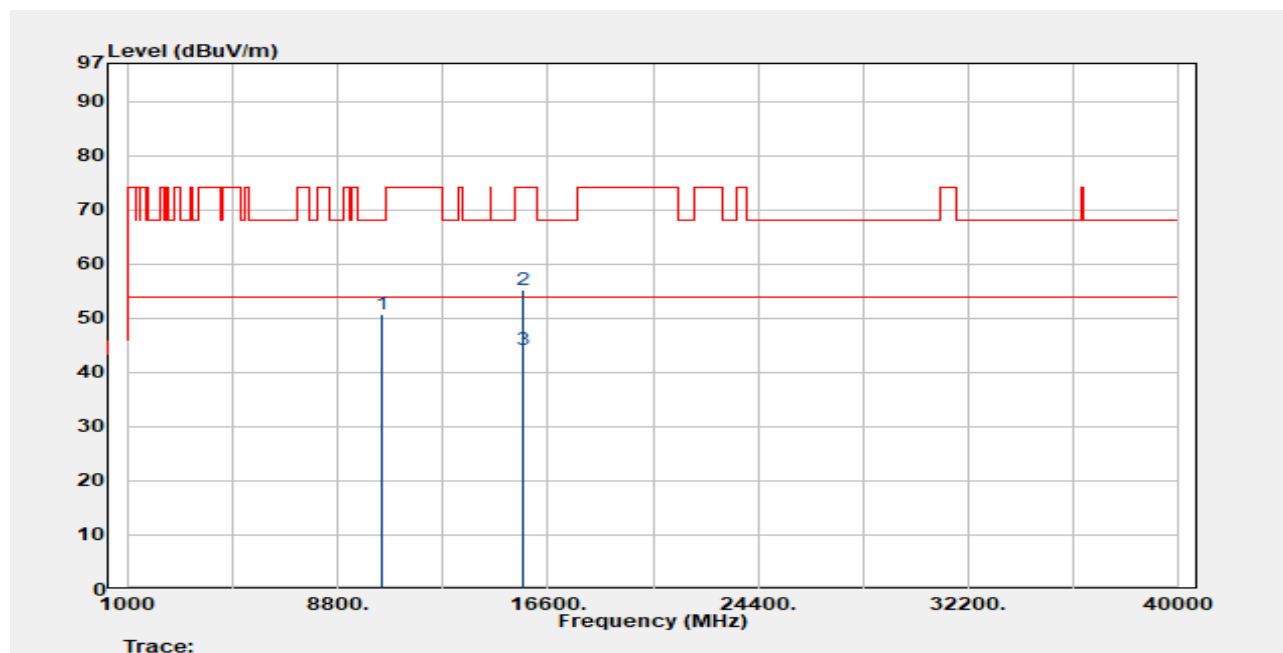
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10360.000	Peak	41.30	10.00	51.31	68.20	-16.89
15540.000	Peak	44.48	10.24	54.72	74.00	-19.28
15540.000	Average	35.34	10.24	45.58	54.00	-8.42

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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10440.000	Peak	40.88	9.95	50.83	68.20	-17.37
15660.000	Peak	45.98	9.11	55.08	74.00	-18.92
15660.000	Average	35.11	9.11	44.22	54.00	-9.78

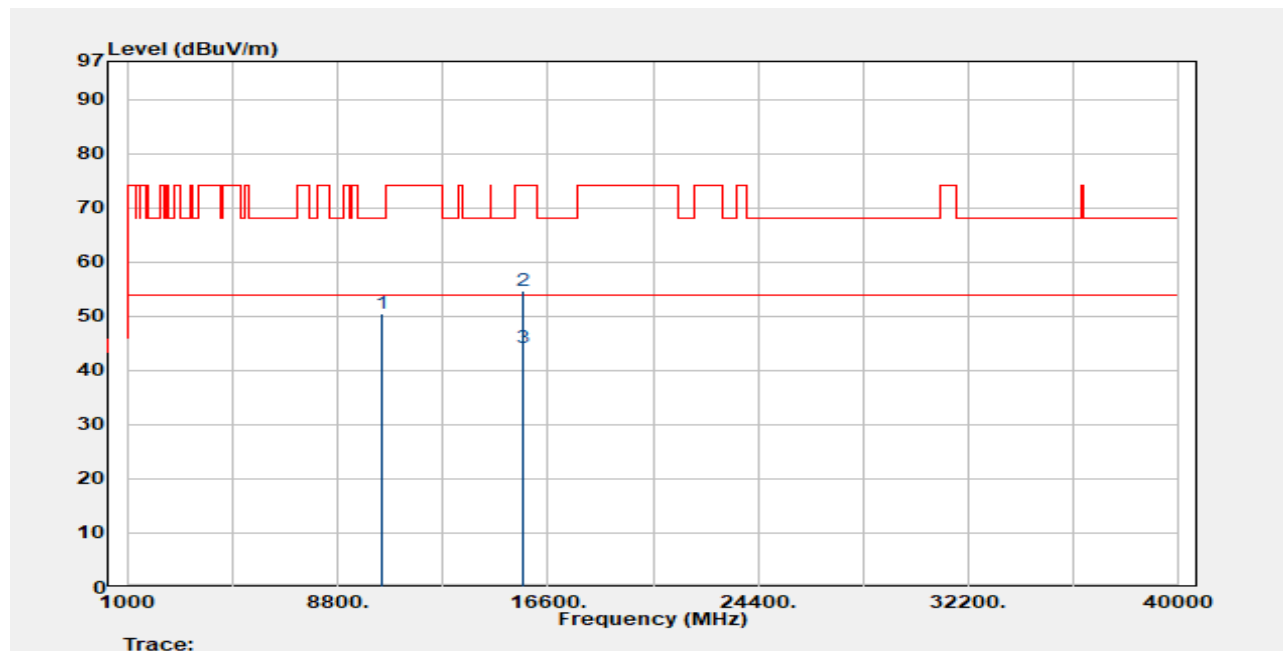
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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



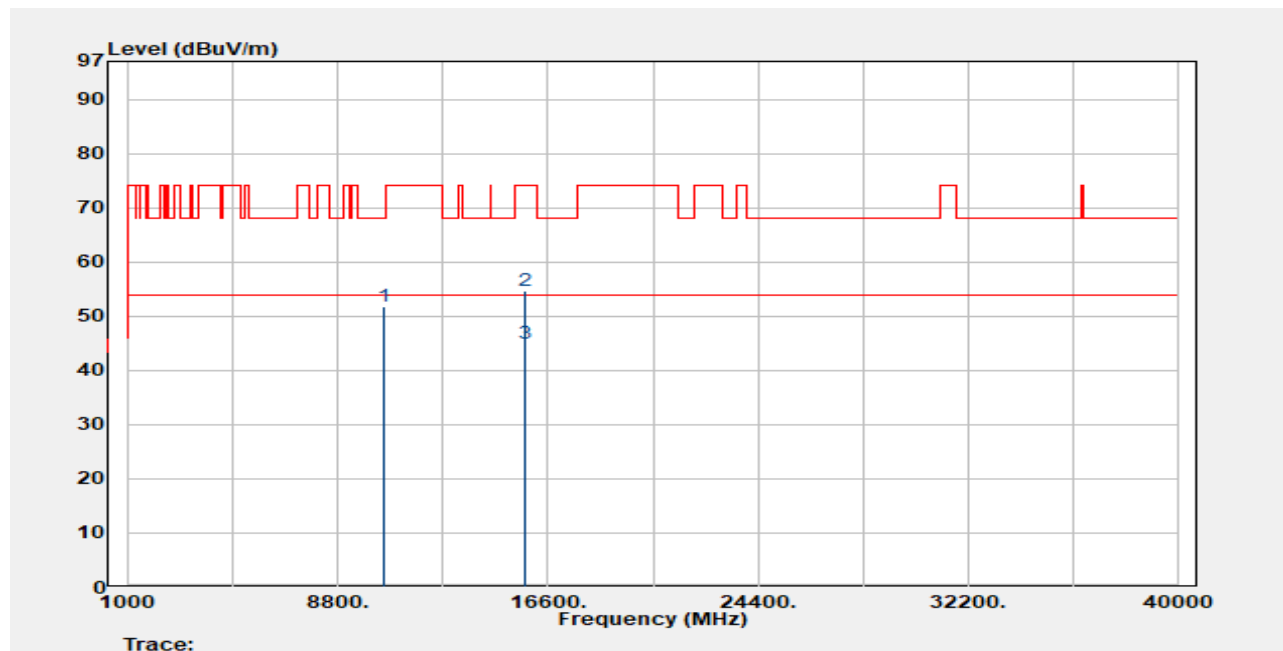
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10440.000	Peak	40.48	9.95	50.43	68.20	-17.77
15660.000	Peak	45.68	9.11	54.79	74.00	-19.21
15660.000	Average	35.14	9.11	44.25	54.00	-9.75

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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5240 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.000	Peak	41.29	10.40	51.69	68.20	-16.51
15720.000	Peak	44.80	9.84	54.64	74.00	-19.36
15720.000	Average	35.07	9.84	44.91	54.00	-9.09

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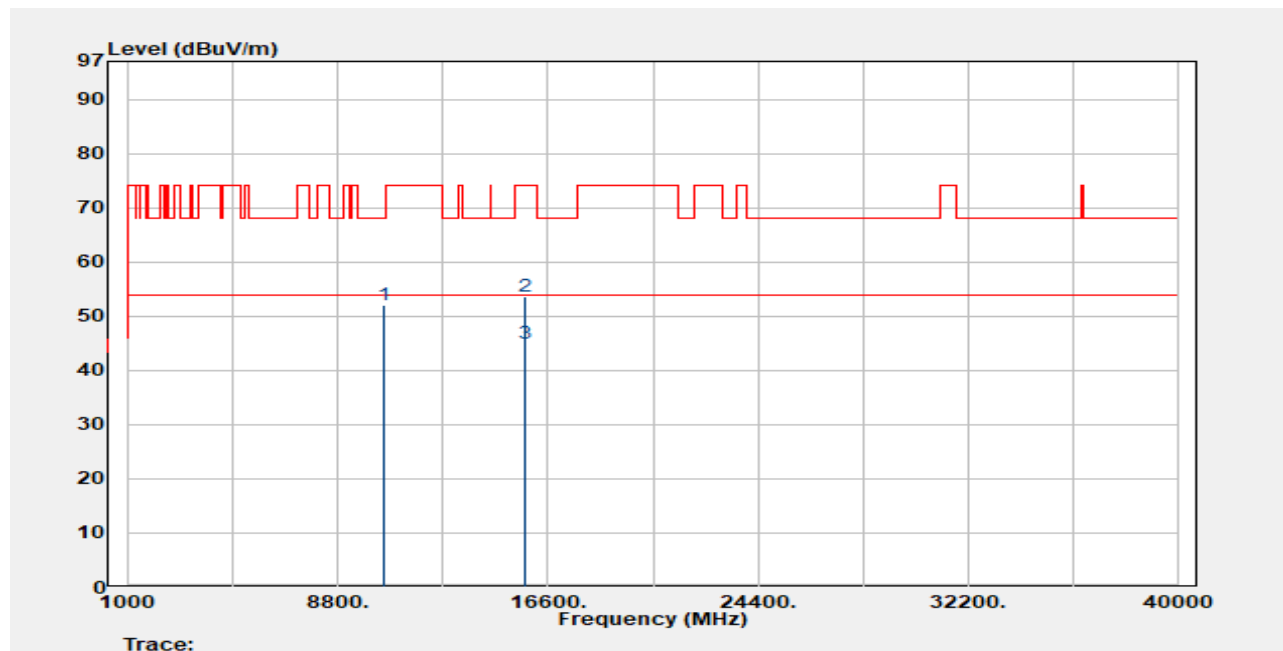
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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5240 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



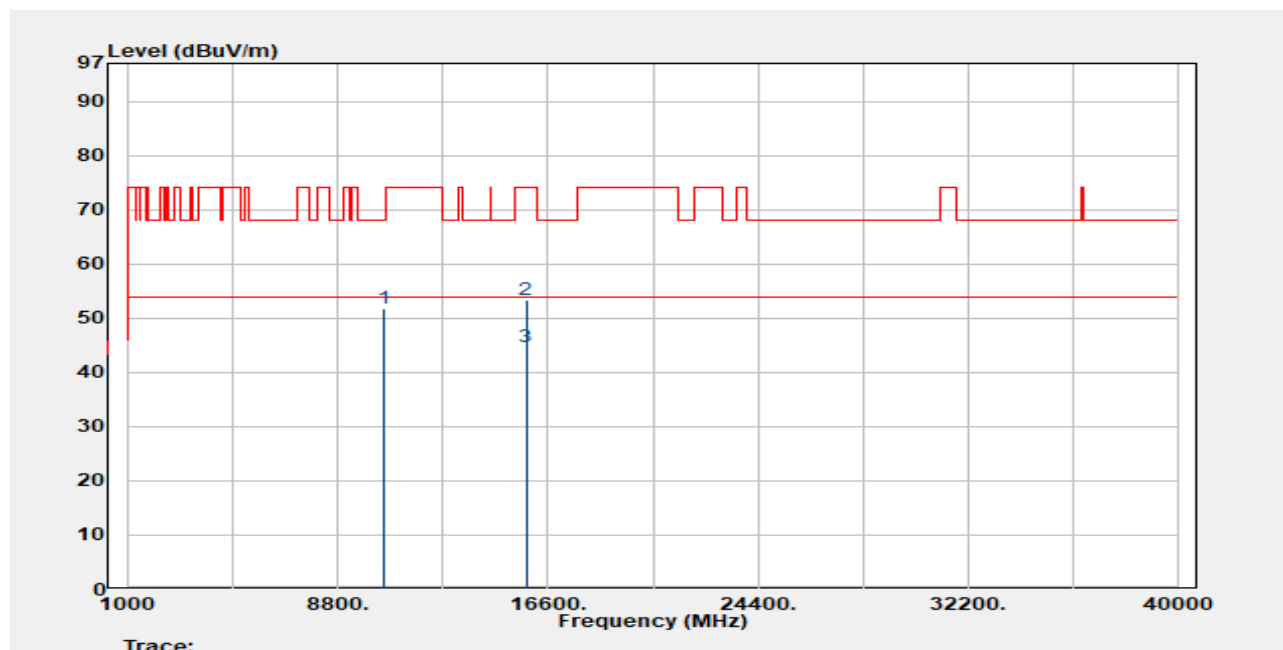
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.000	Peak	41.75	10.40	52.15	68.20	-16.05
15720.000	Peak	43.87	9.84	53.71	74.00	-20.29
15720.000	Average	35.01	9.84	44.85	54.00	-9.15

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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5260 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.000	Peak	41.14	10.69	51.84	68.20	-16.36
15780.000	Peak	44.01	9.29	53.30	74.00	-20.70
15780.000	Average	35.32	9.29	44.61	54.00	-9.39

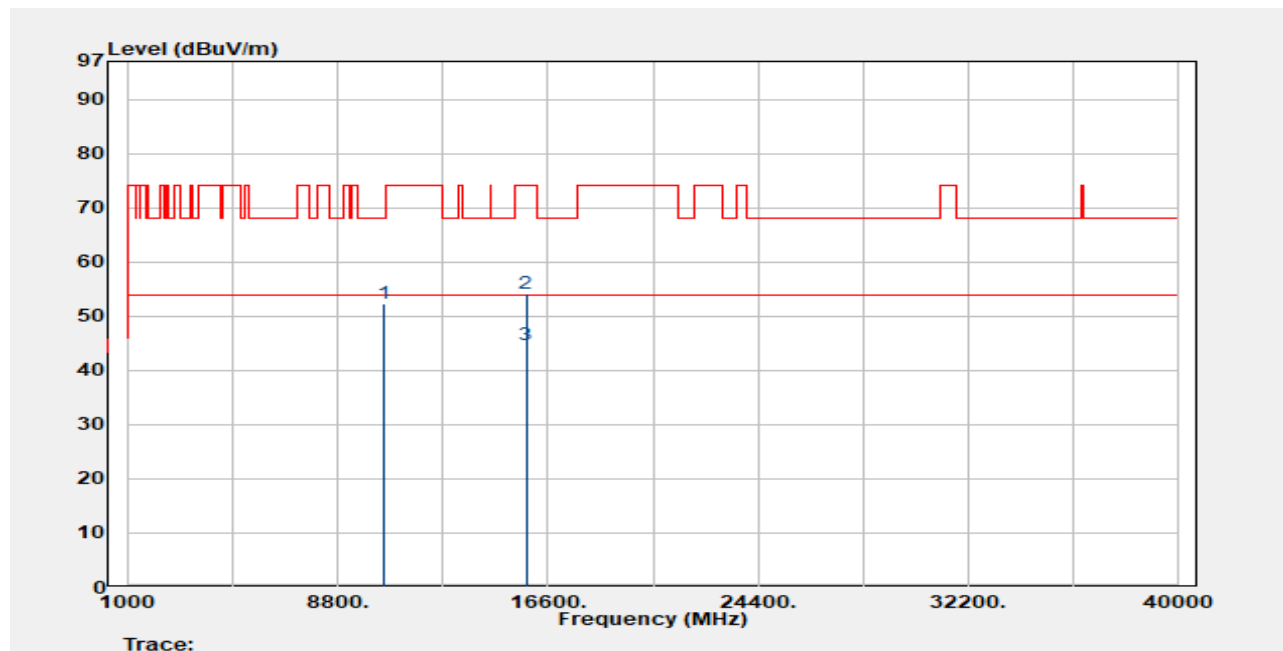
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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5260 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.000	Peak	41.63	10.69	52.33	68.20	-15.87
15780.000	Peak	44.73	9.29	54.02	74.00	-19.98
15780.000	Average	35.45	9.29	44.74	54.00	-9.26

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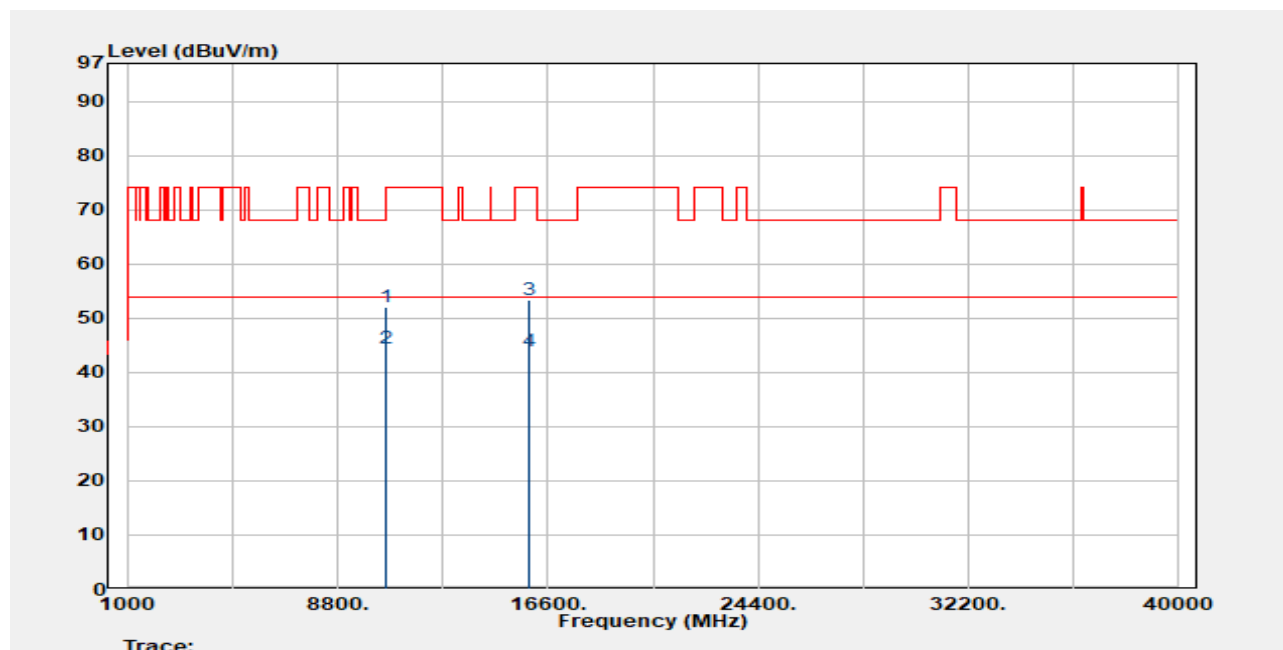
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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



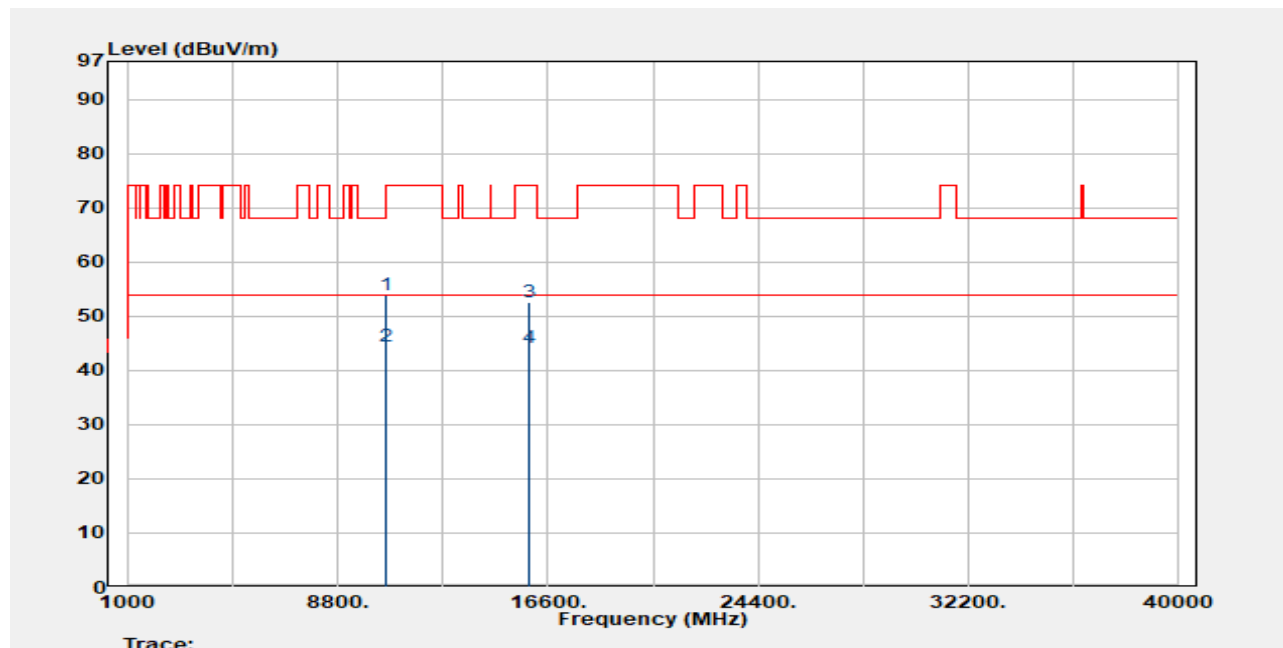
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10600.000	Peak	40.94	11.10	52.03	74.00	-21.97
10600.000	Average	33.28	11.10	44.38	54.00	-9.62
15900.000	Peak	44.74	8.71	53.45	74.00	-20.55
15900.000	Average	35.31	8.71	44.02	54.00	-9.98

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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10600.000	Peak	42.72	11.10	53.82	74.00	-20.18
10600.000	Average	33.20	11.10	44.30	54.00	-9.70
15900.000	Peak	43.89	8.71	52.61	74.00	-21.39
15900.000	Average	35.45	8.71	44.16	54.00	-9.84

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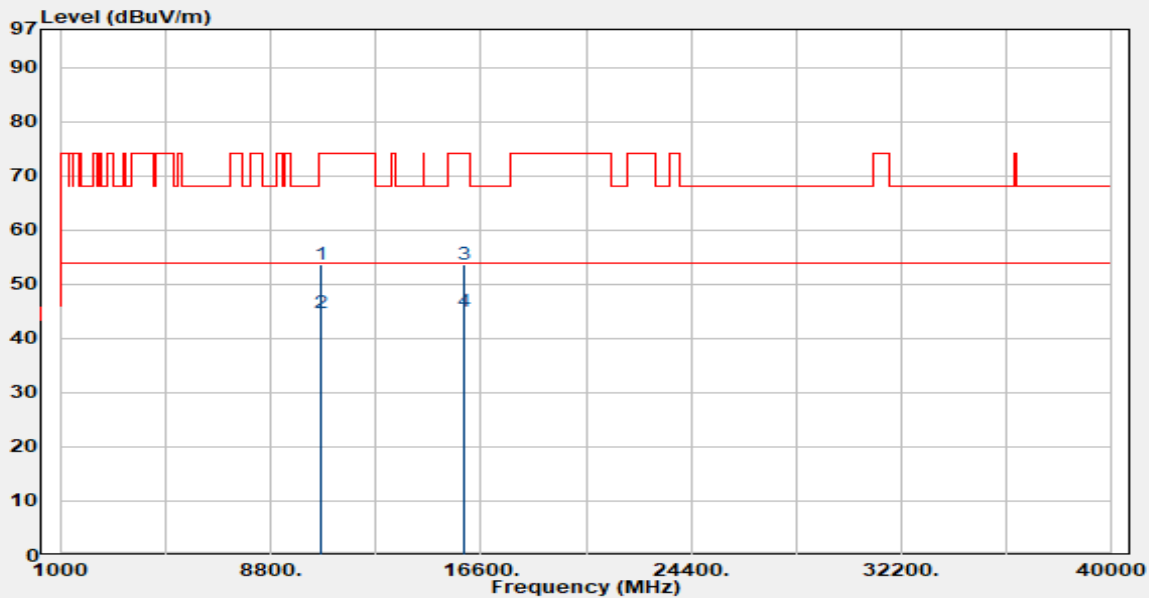
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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5320 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10640.000	Peak	42.43	11.24	53.67	74.00	-20.33
10640.000	Average	33.58	11.24	44.82	54.00	-9.18
15960.000	Peak	44.46	9.29	53.74	74.00	-20.26
15960.000	Average	35.54	9.29	44.83	54.00	-9.17

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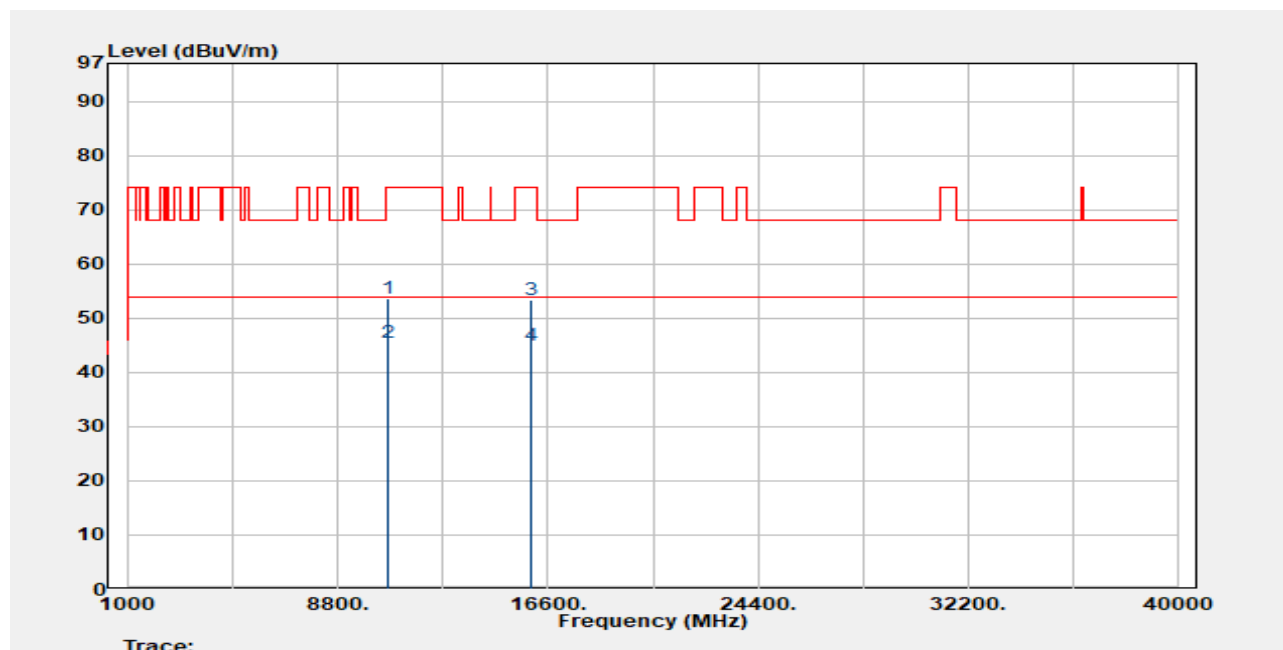
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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5320 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



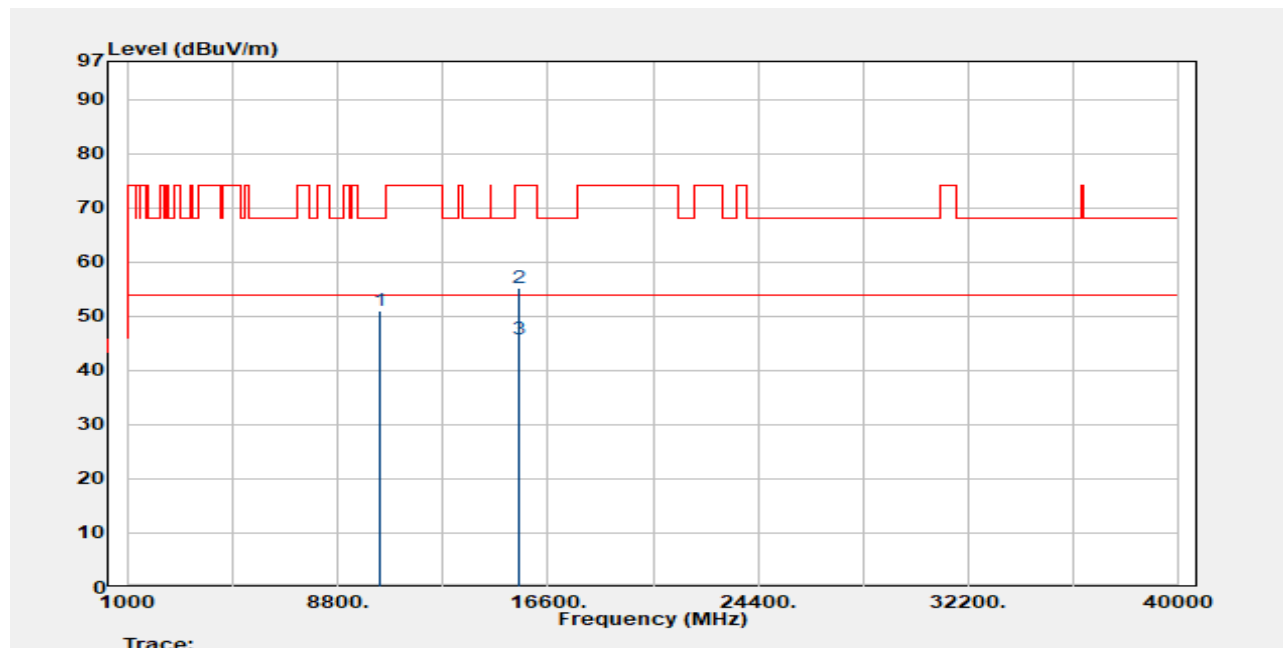
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10640.000	Peak	42.32	11.24	53.55	74.00	-20.45
10640.000	Average	34.15	11.24	45.39	54.00	-8.61
15960.000	Peak	44.00	9.29	53.28	74.00	-20.72
15960.000	Average	35.55	9.29	44.84	54.00	-9.16

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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5180 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.000	Peak	40.94	10.00	50.94	68.20	-17.26
15540.000	Peak	44.83	10.24	55.07	74.00	-18.93
15540.000	Average	35.49	10.24	45.73	54.00	-8.27

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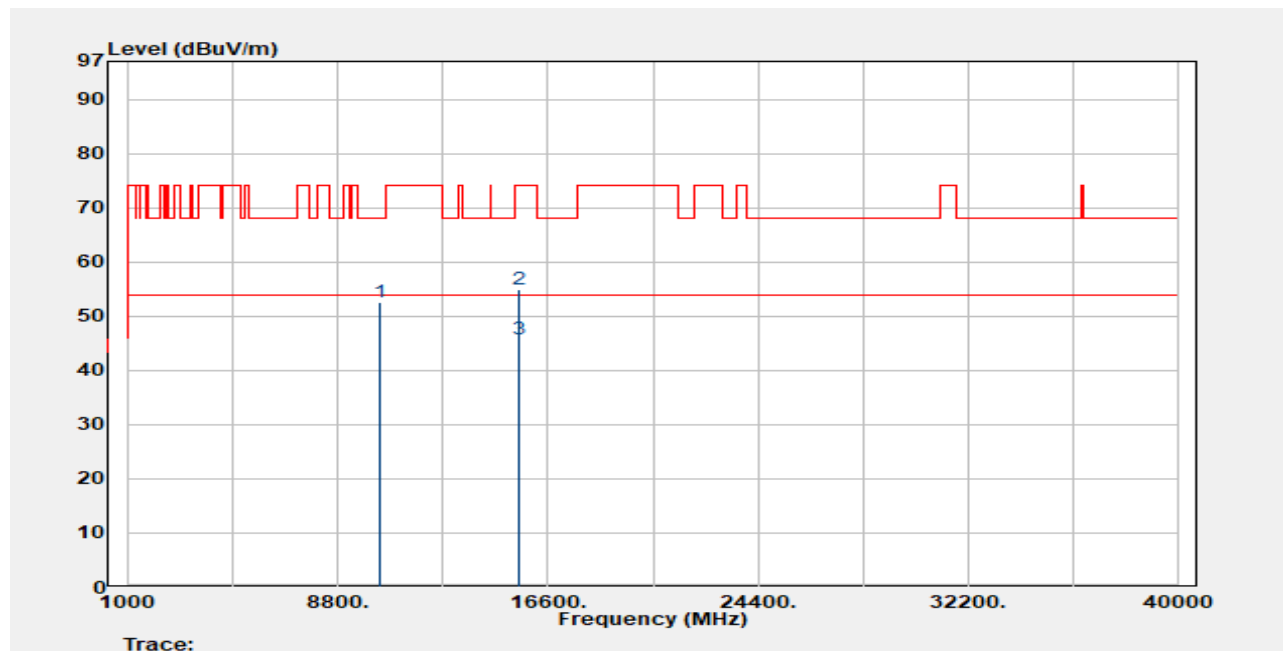
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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5180 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



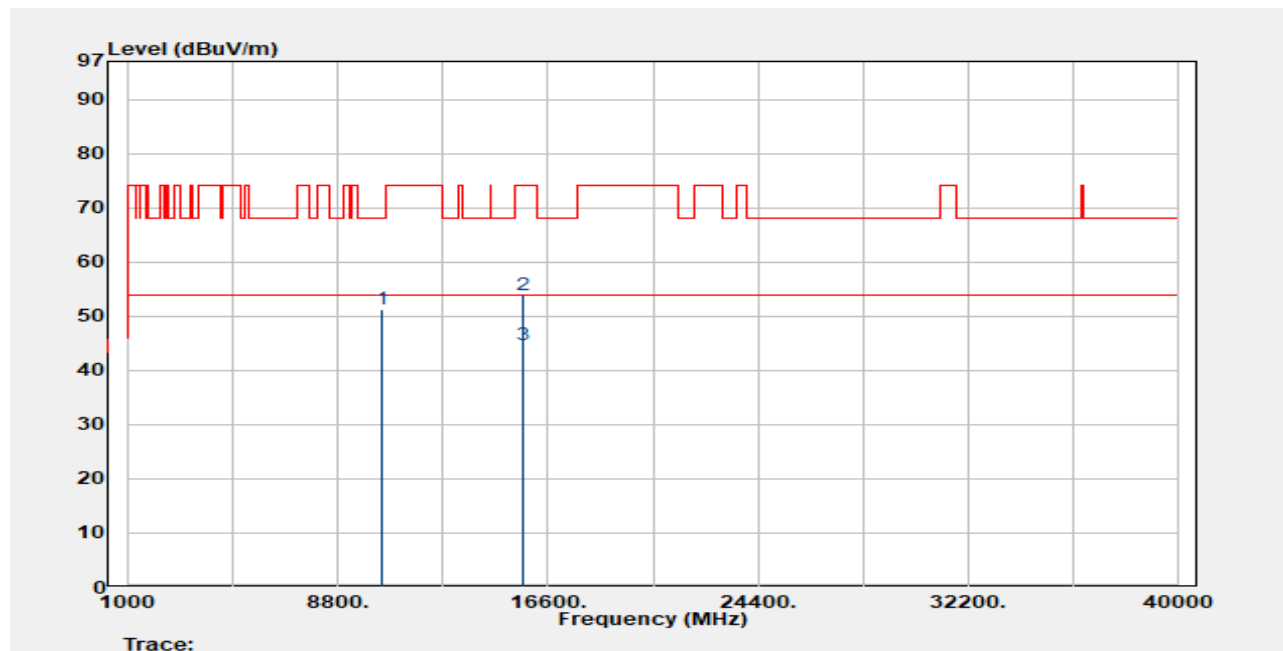
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.000	Peak	42.54	10.00	52.54	68.20	-15.66
15540.000	Peak	44.66	10.24	54.90	74.00	-19.10
15540.000	Average	35.57	10.24	45.81	54.00	-8.19

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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



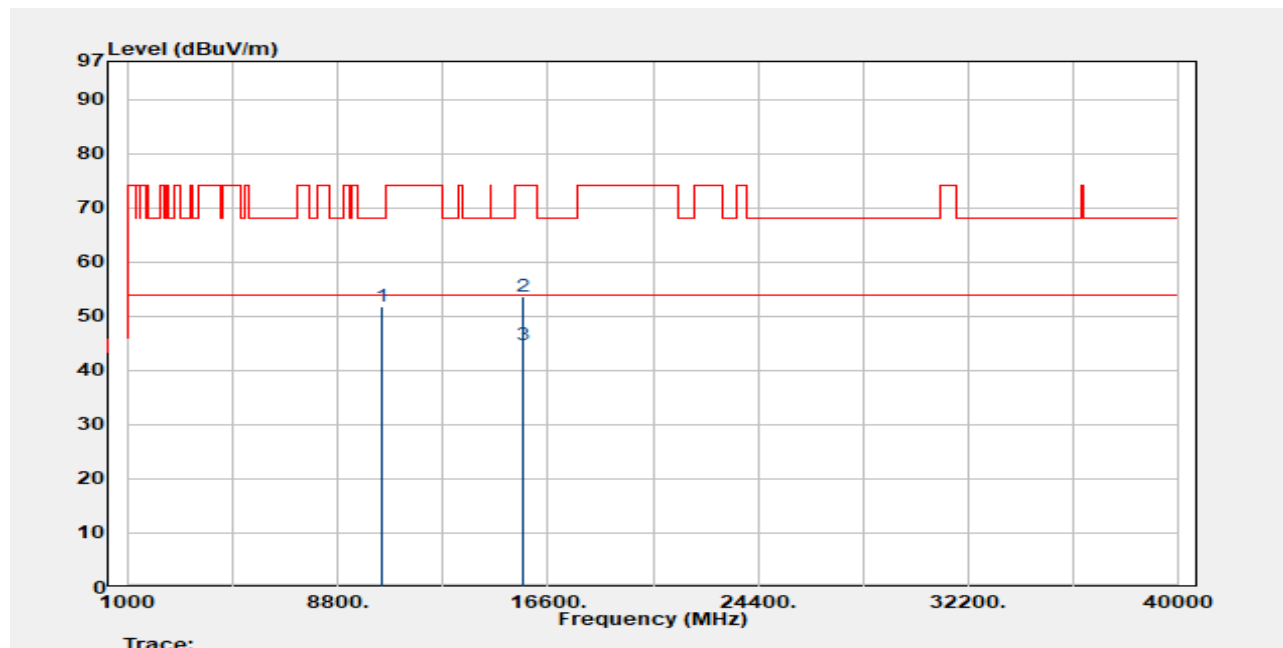
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10440.000	Peak	41.30	9.95	51.25	68.20	-16.95
15660.000	Peak	44.68	9.11	53.79	74.00	-20.21
15660.000	Average	35.60	9.11	44.71	54.00	-9.29

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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.000	Peak	41.73	9.95	51.68	68.20	-16.52
15660.000	Peak	44.56	9.11	53.67	74.00	-20.33
15660.000	Average	35.63	9.11	44.74	54.00	-9.26

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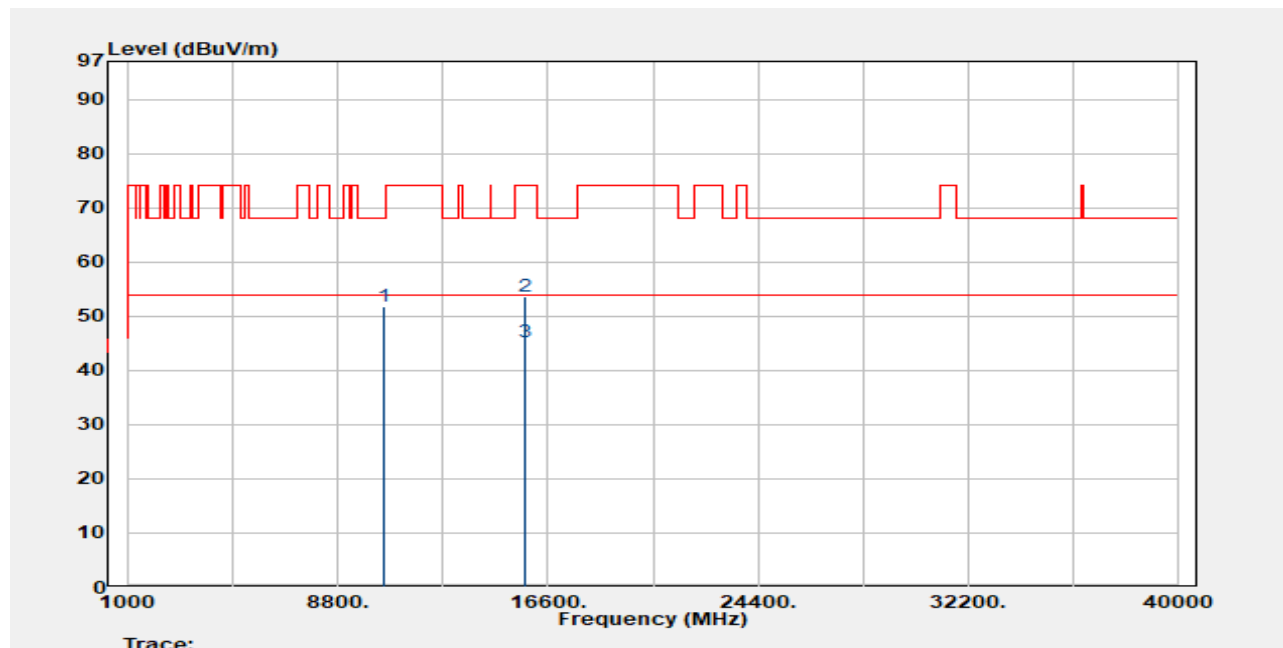
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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5240 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



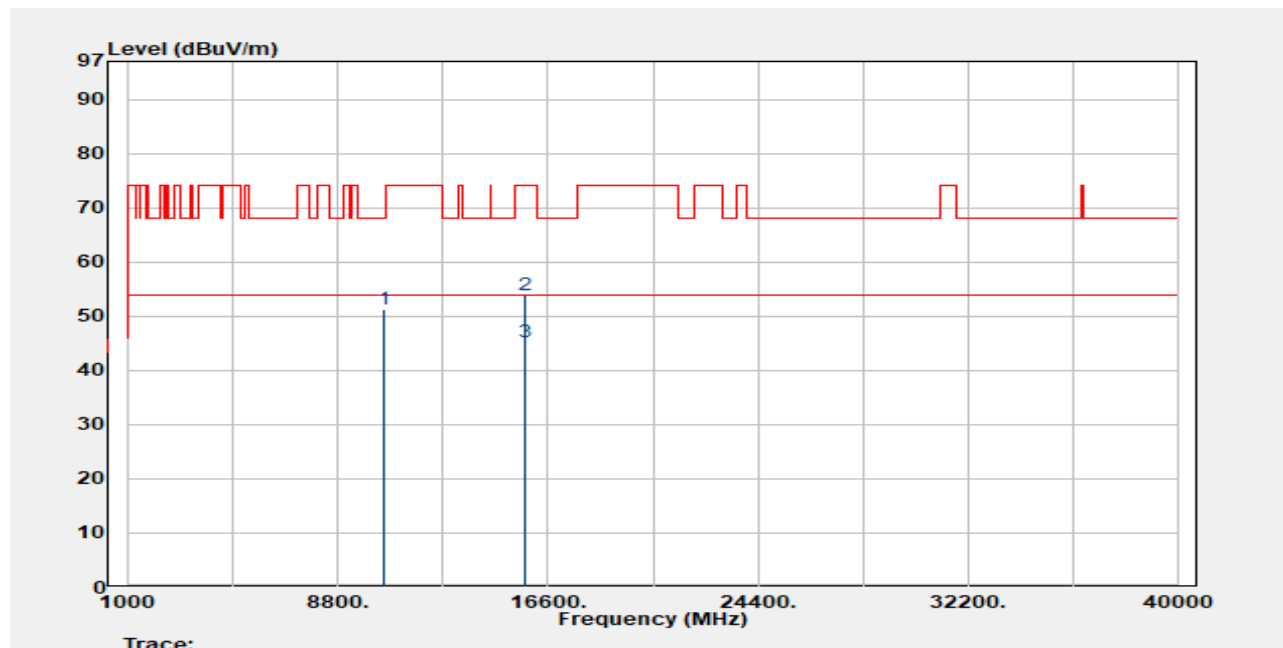
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.000	Peak	41.42	10.40	51.82	68.20	-16.38
15720.000	Peak	43.92	9.84	53.75	74.00	-20.25
15720.000	Average	35.46	9.84	45.30	54.00	-8.70

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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5240 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10480.000	Peak	40.94	10.40	51.34	68.20	-16.86
15720.000	Peak	44.13	9.84	53.97	74.00	-20.03
15720.000	Average	35.48	9.84	45.32	54.00	-8.68

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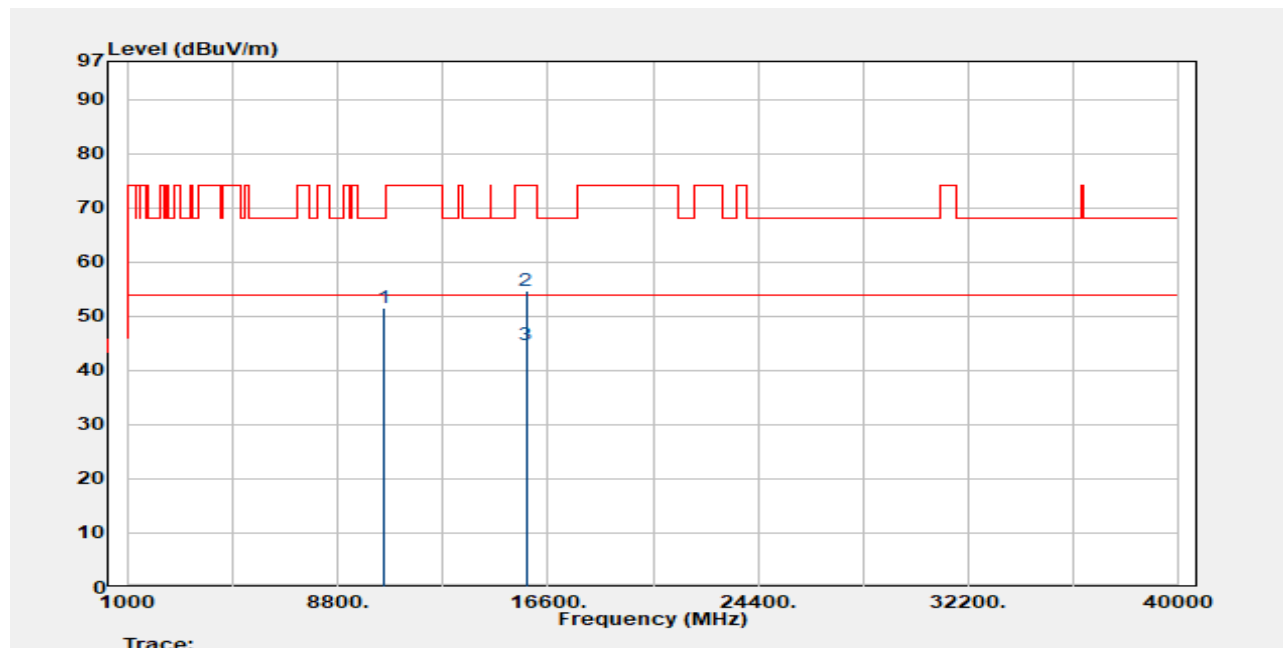
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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5260 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10520.000	Peak	40.90	10.69	51.59	68.20	-16.61
15780.000	Peak	45.36	9.29	54.65	74.00	-19.35
15780.000	Average	35.48	9.29	44.77	54.00	-9.23

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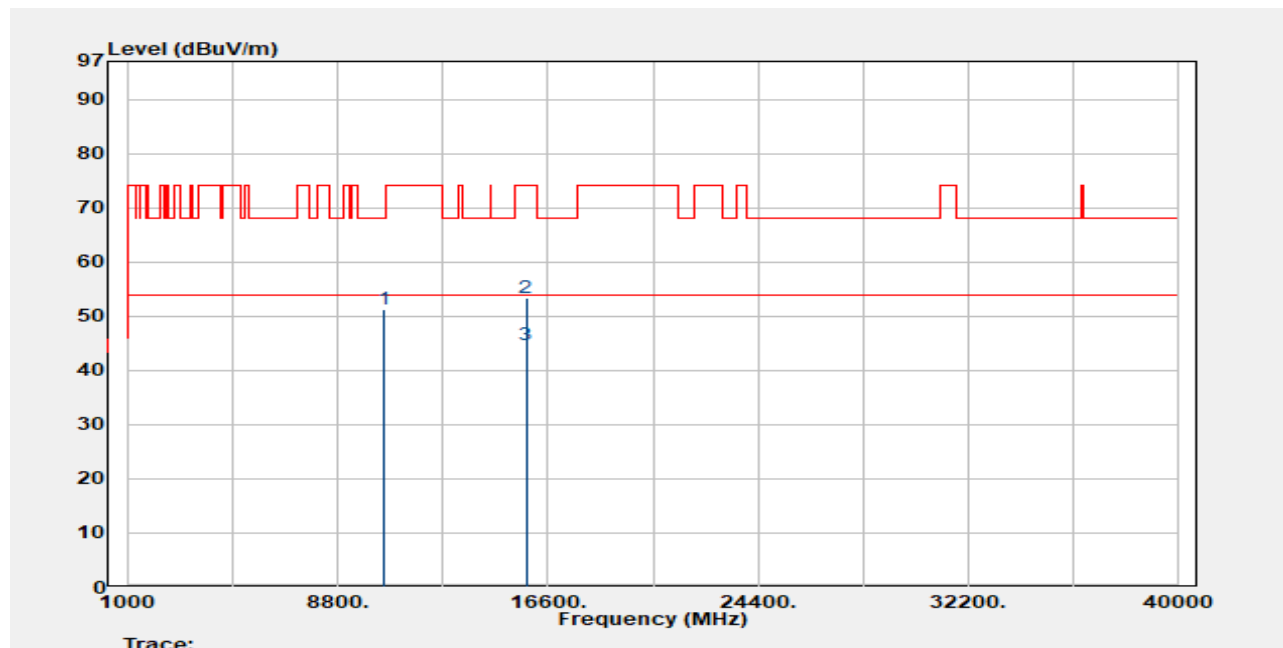
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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5260 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10520.000	Peak	40.64	10.69	51.34	68.20	-16.86
15780.000	Peak	44.08	9.29	53.37	74.00	-20.63
15780.000	Average	35.47	9.29	44.76	54.00	-9.24

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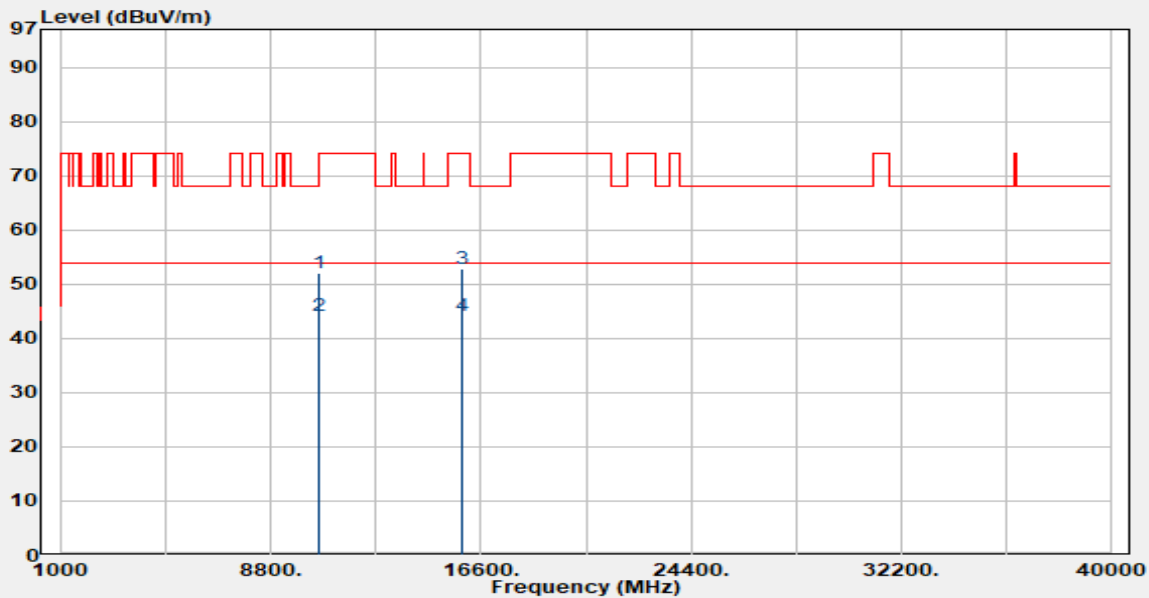
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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



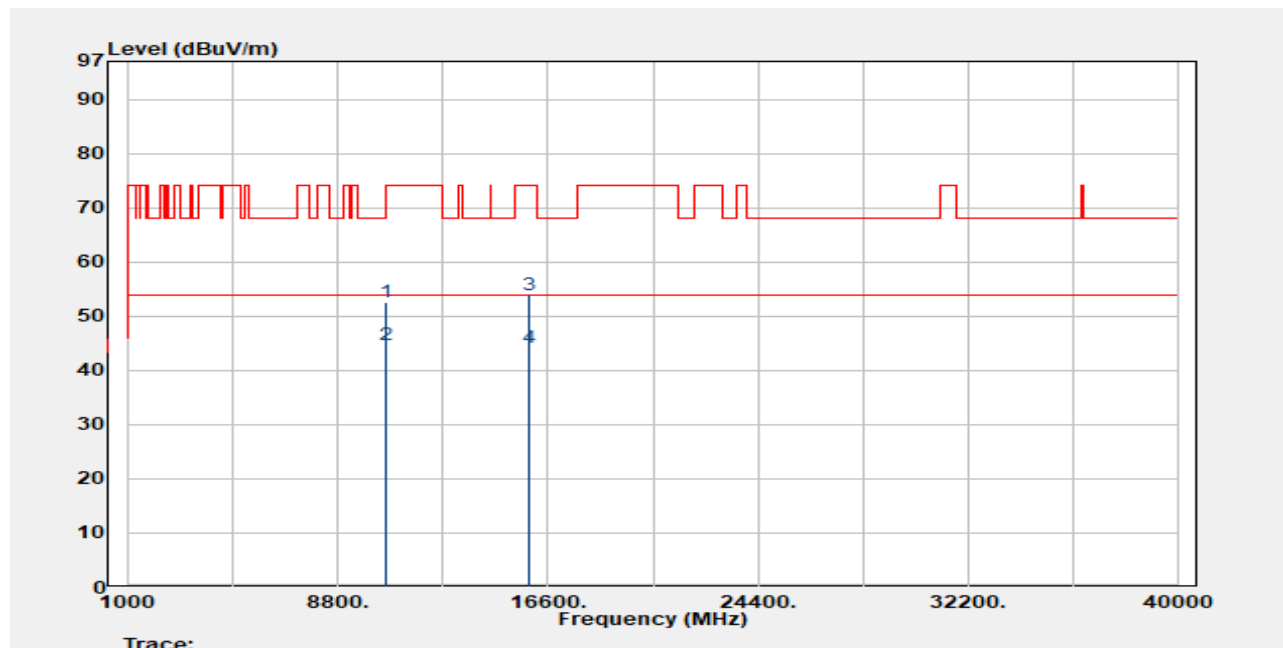
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10600.000	Peak	40.89	11.10	51.99	74.00	-22.01
10600.000	Average	33.17	11.10	44.27	54.00	-9.73
15900.000	Peak	44.06	8.71	52.77	74.00	-21.23
15900.000	Average	35.50	8.71	44.21	54.00	-9.79

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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10600.000	Peak	41.58	11.10	52.68	74.00	-21.32
10600.000	Average	33.50	11.10	44.60	54.00	-9.40
15900.000	Peak	45.21	8.71	53.92	74.00	-20.08
15900.000	Average	35.45	8.71	44.16	54.00	-9.84

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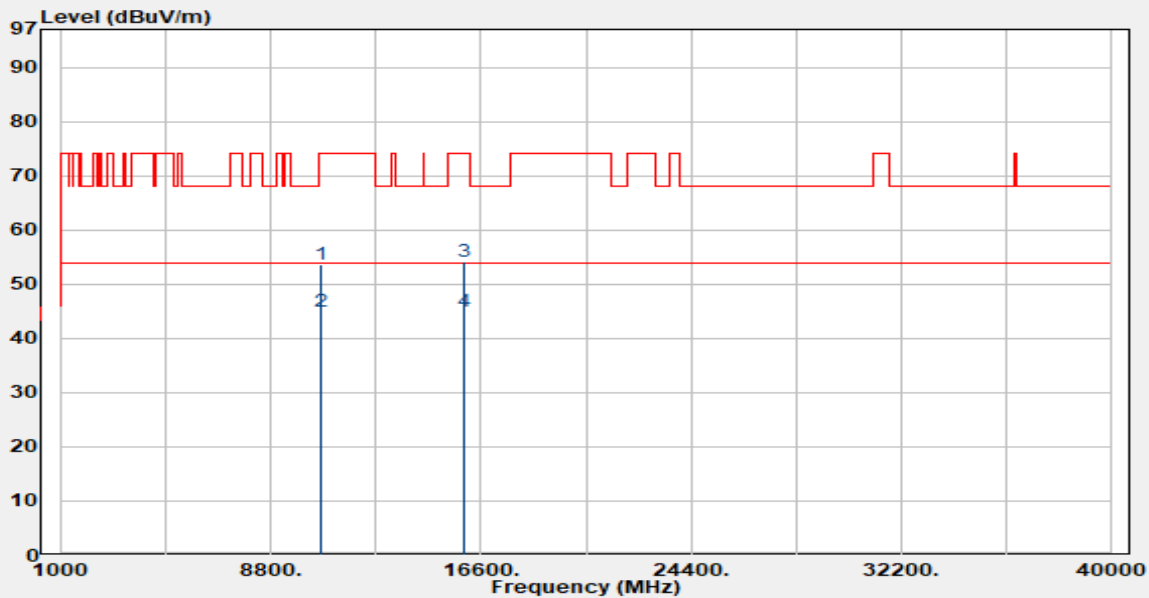
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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5320 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10640.000	Peak	42.34	11.24	53.57	74.00	-20.43
10640.000	Average	33.62	11.24	44.86	54.00	-9.14
15960.000	Peak	44.78	9.29	54.06	74.00	-19.94
15960.000	Average	35.63	9.29	44.92	54.00	-9.08

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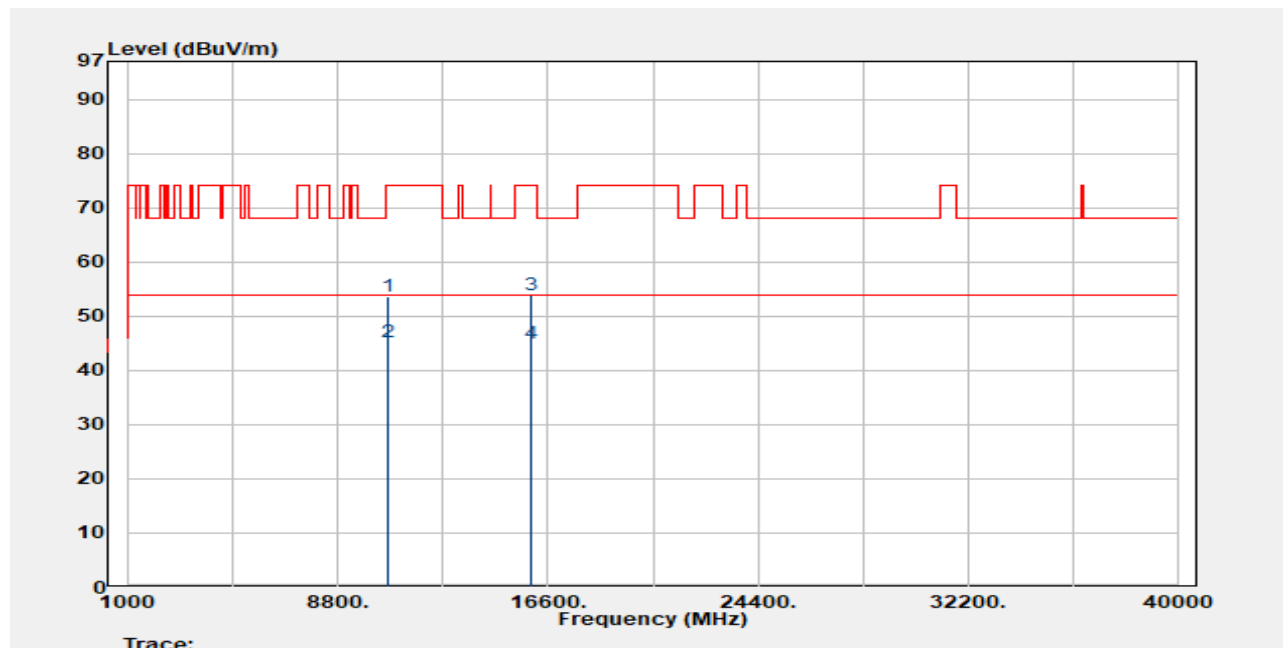
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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5320 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



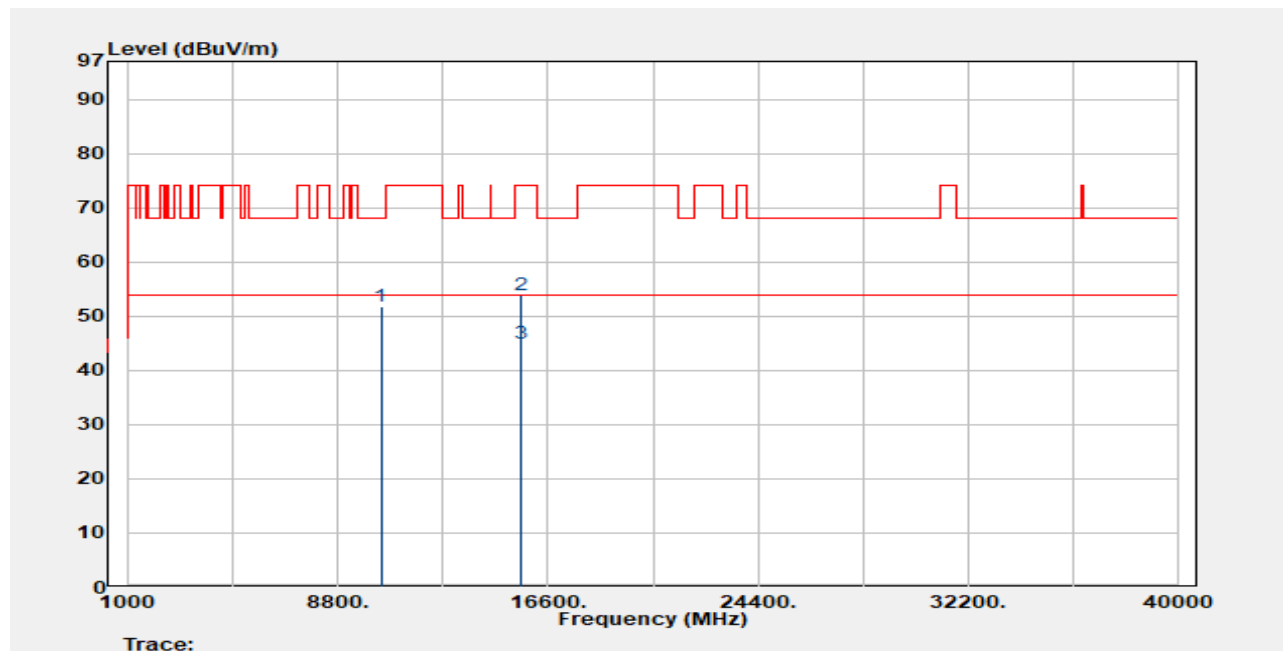
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10640.000	Peak	42.27	11.24	53.50	74.00	-20.50
10640.000	Average	33.90	11.24	45.14	54.00	-8.86
15960.000	Peak	44.58	9.29	53.86	74.00	-20.14
15960.000	Average	35.61	9.29	44.90	54.00	-9.10

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Report Number :TERF2304000928ER  
Operation Mode :802.11n40  
Test Frequency :5190 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10380.000	Peak	41.84	10.06	51.90	68.20	-16.30
15570.000	Peak	43.91	9.92	53.83	74.00	-20.17
15570.000	Average	35.11	9.92	45.03	54.00	-8.97

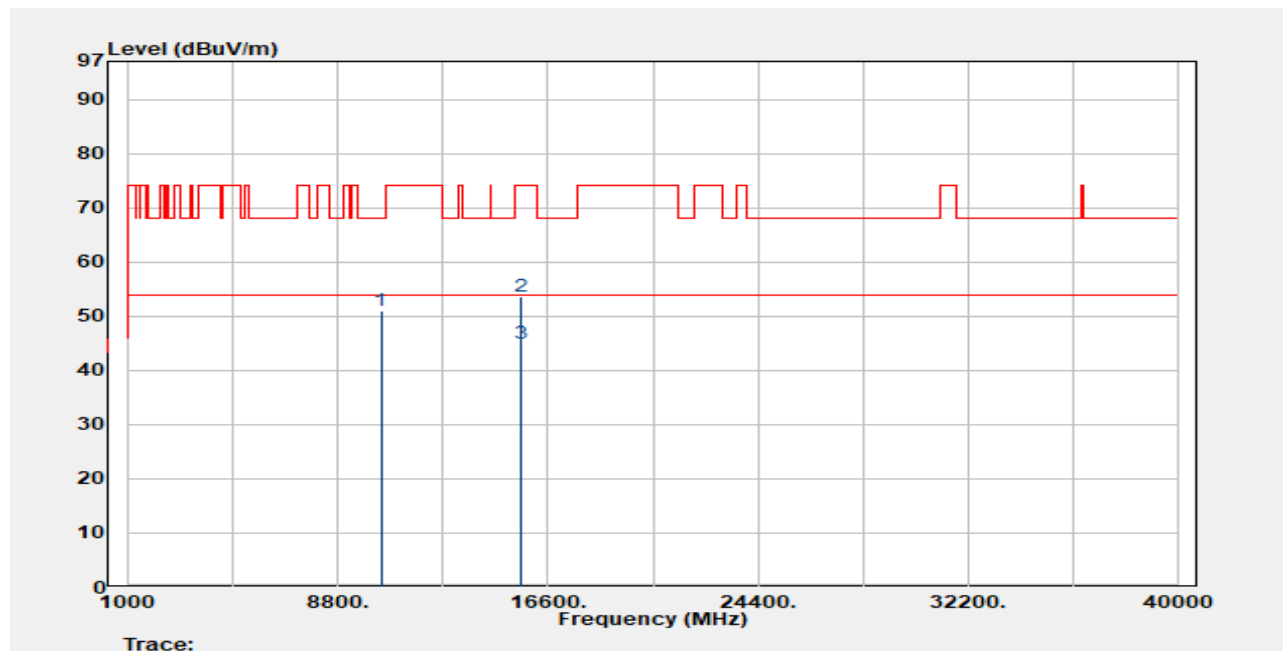
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Report Number :TERF2304000928ER  
Operation Mode :802.11n40  
Test Frequency :5190 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



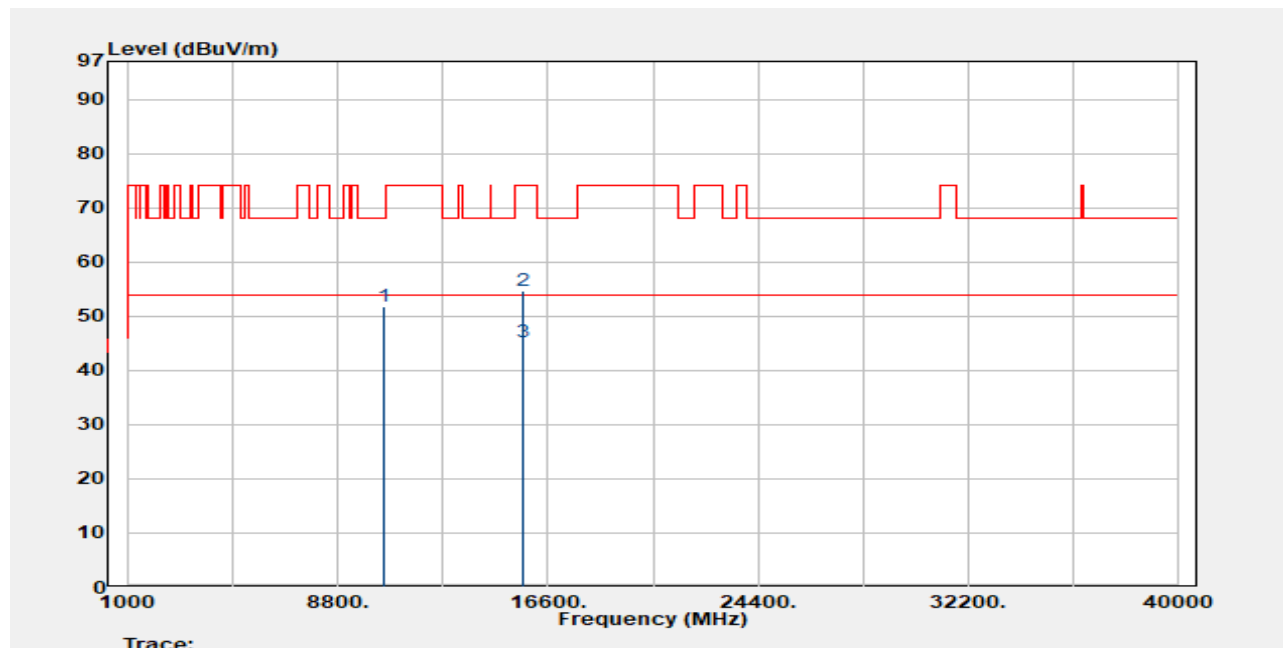
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10380.000	Peak	41.00	10.06	51.07	68.20	-17.13
15570.000	Peak	43.59	9.92	53.51	74.00	-20.49
15570.000	Average	35.14	9.92	45.06	54.00	-8.94

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Report Number :TERF2304000928ER  
Operation Mode :802.11n40  
Test Frequency :5230 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10460.000	Peak	41.62	10.07	51.69	68.20	-16.51
15690.000	Peak	44.77	9.88	54.66	74.00	-19.34
15690.000	Average	35.30	9.88	45.18	54.00	-8.82

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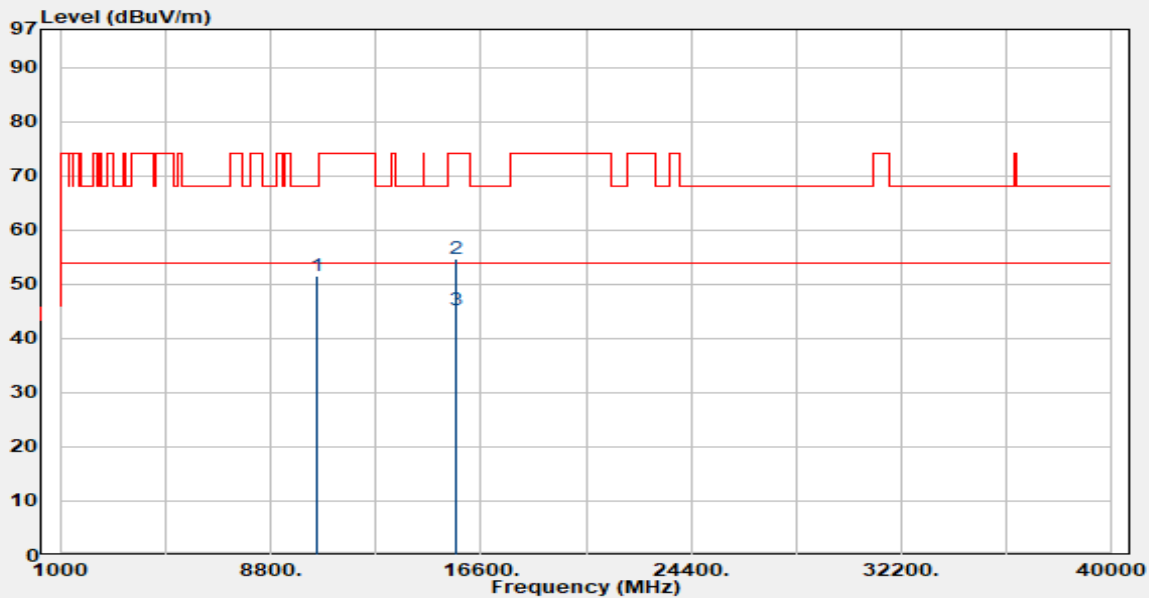
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Report Number :TERF2304000928ER  
Operation Mode :802.11n40  
Test Frequency :5230 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10460.000	Peak	41.57	10.07	51.64	68.20	-16.56
15690.000	Peak	44.70	9.88	54.58	74.00	-19.42
15690.000	Average	35.28	9.88	45.16	54.00	-8.84

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t (886-2) 2299-3279

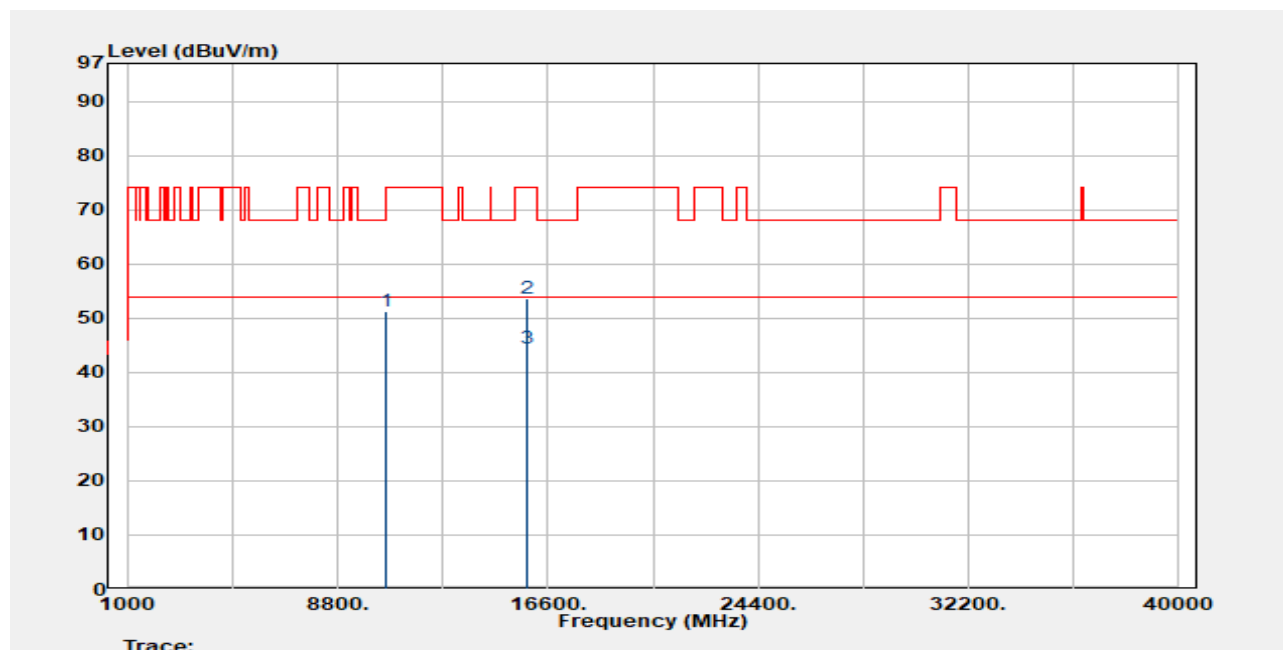
f (886-2) 2298-0488

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Report Number :TERF2304000928ER  
Operation Mode :802.11n40  
Test Frequency :5270 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10540.000	Peak	40.58	10.65	51.24	68.20	-16.96
15810.000	Peak	44.57	9.10	53.67	74.00	-20.33
15810.000	Average	35.31	9.10	44.41	54.00	-9.59

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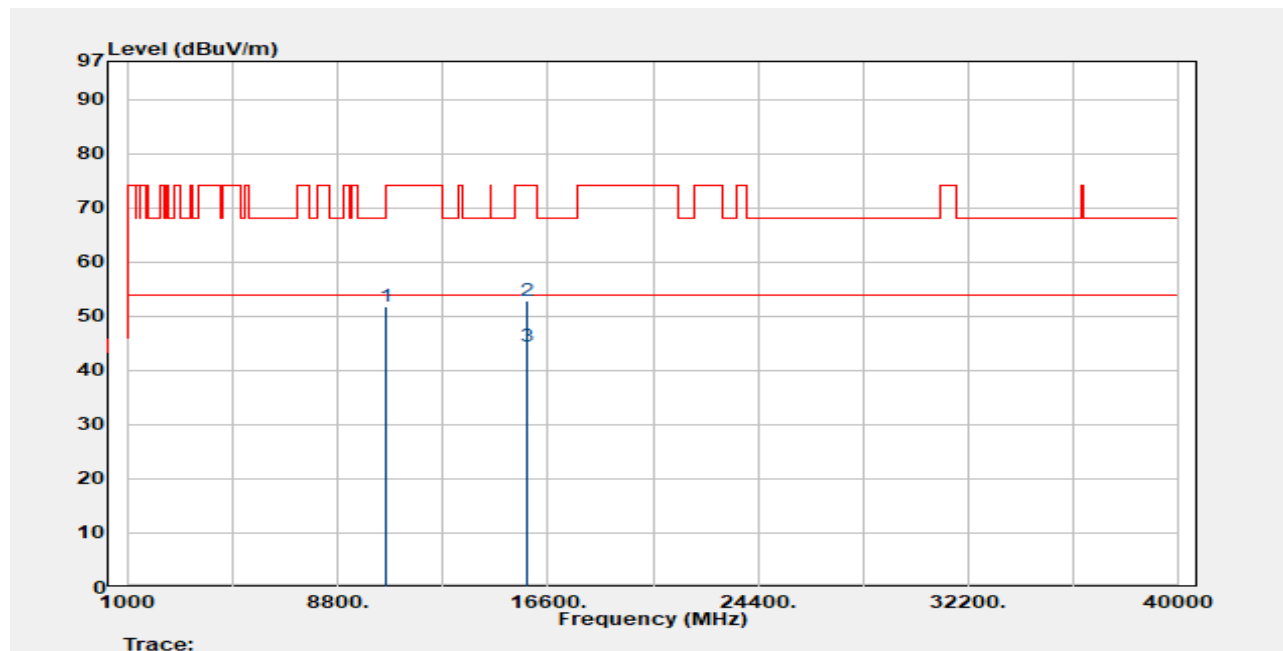
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Report Number :TERF2304000928ER  
Operation Mode :802.11n40  
Test Frequency :5270 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



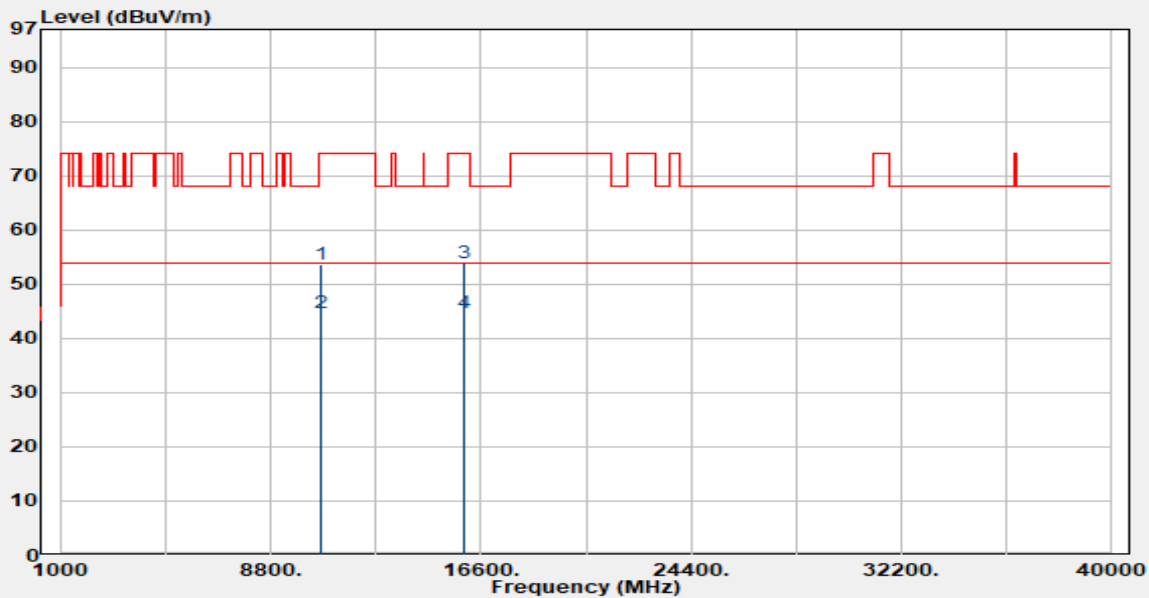
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10540.000	Peak	41.15	10.65	51.80	68.20	-16.40
15810.000	Peak	43.80	9.10	52.90	74.00	-21.10
15810.000	Average	35.26	9.10	44.36	54.00	-9.64

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Report Number :TERF2304000928ER  
Operation Mode :802.11n40  
Test Frequency :5310 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10620.000	Peak	42.44	11.17	53.61	74.00	-20.39
10620.000	Average	33.46	11.17	44.63	54.00	-9.37
15930.000	Peak	44.76	9.07	53.83	74.00	-20.17
15930.000	Average	35.57	9.07	44.64	54.00	-9.36

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t (886-2) 2299-3279

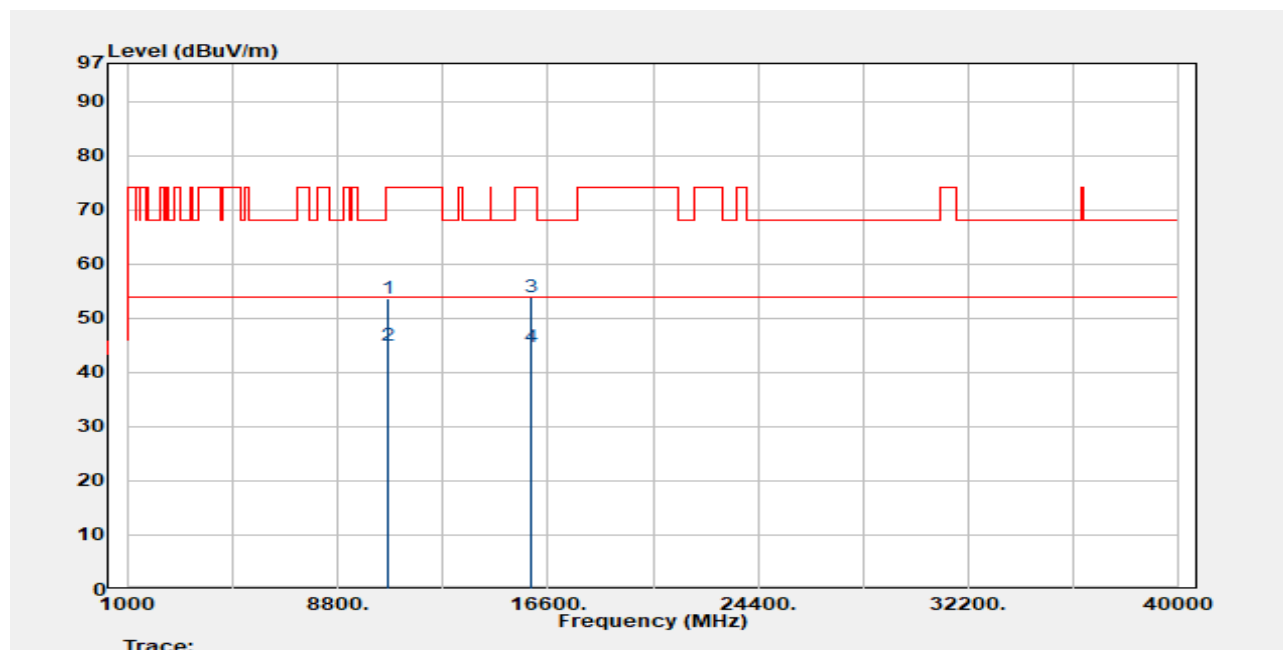
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Report Number :TERF2304000928ER  
Operation Mode :802.11n40  
Test Frequency :5310 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10620.000	Peak	42.51	11.17	53.68	74.00	-20.32
10620.000	Average	33.68	11.17	44.85	54.00	-9.15
15930.000	Peak	44.76	9.07	53.83	74.00	-20.17
15930.000	Average	35.58	9.07	44.65	54.00	-9.35

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f (886-2) 2298-0488

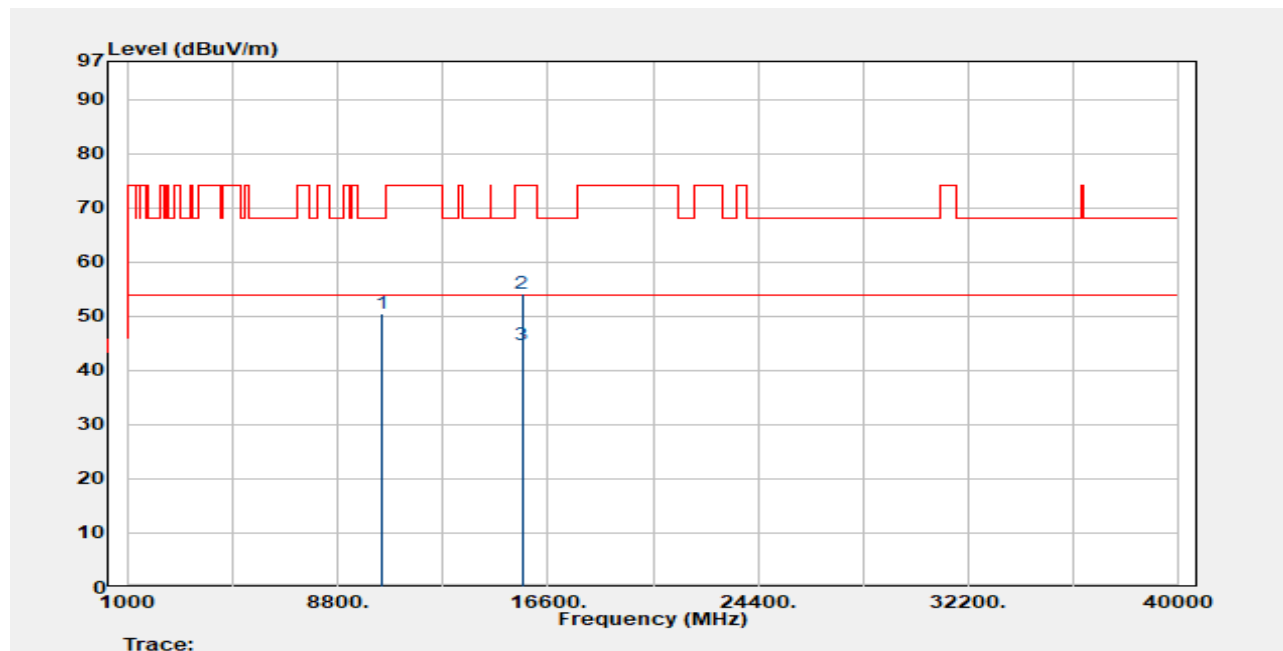
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Report Number :TERF2304000928ER  
Operation Mode :802.11ac80  
Test Frequency :5210 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



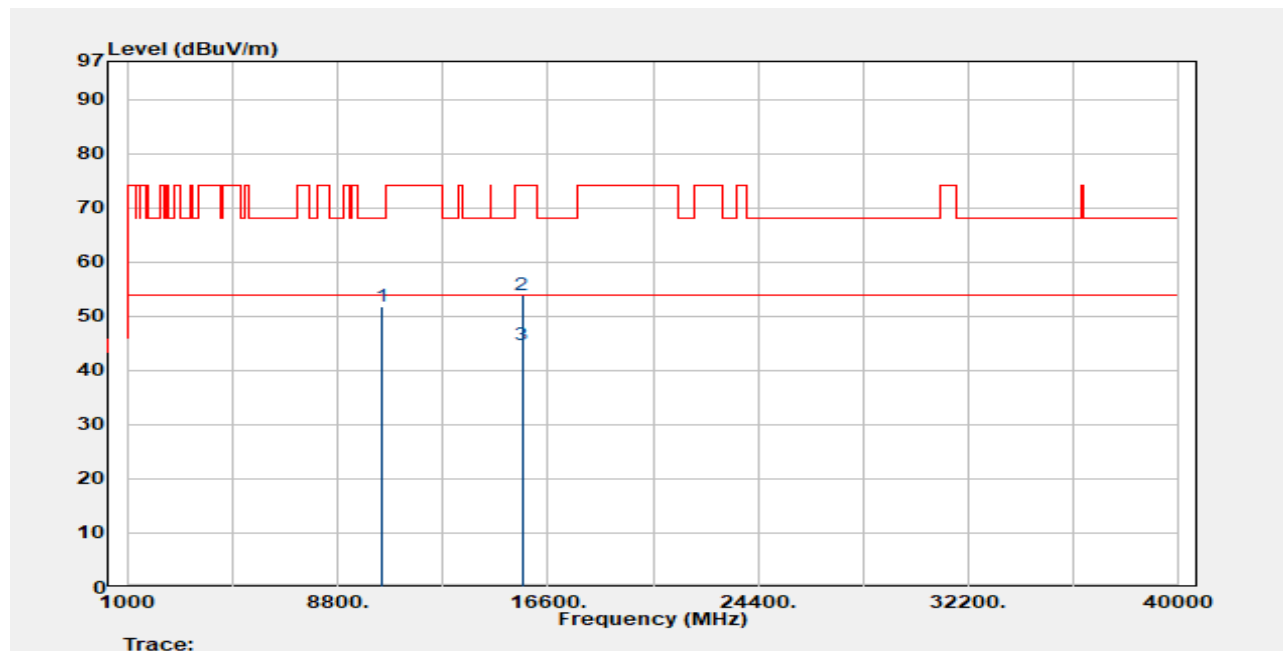
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10420.000	Peak	40.48	10.04	50.52	68.20	-17.68
15630.000	Peak	44.91	9.13	54.04	74.00	-19.96
15630.000	Average	35.54	9.13	44.67	54.00	-9.33

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Report Number :TERF2304000928ER  
Operation Mode :802.11ac80  
Test Frequency :5210 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10420.000	Peak	41.75	10.04	51.79	68.20	-16.41
15630.000	Peak	44.75	9.13	53.88	74.00	-20.12
15630.000	Average	35.59	9.13	44.72	54.00	-9.28

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

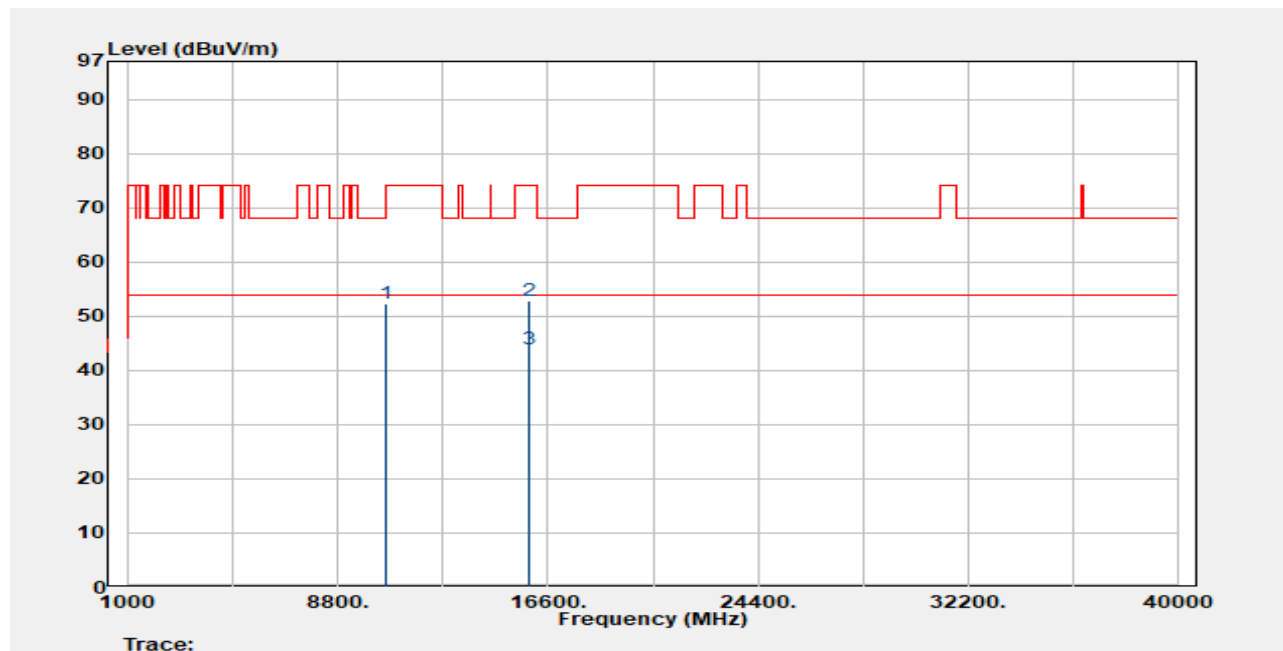
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Report Number :TERF2304000928ER  
Operation Mode :802.11ac80  
Test Frequency :5290 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



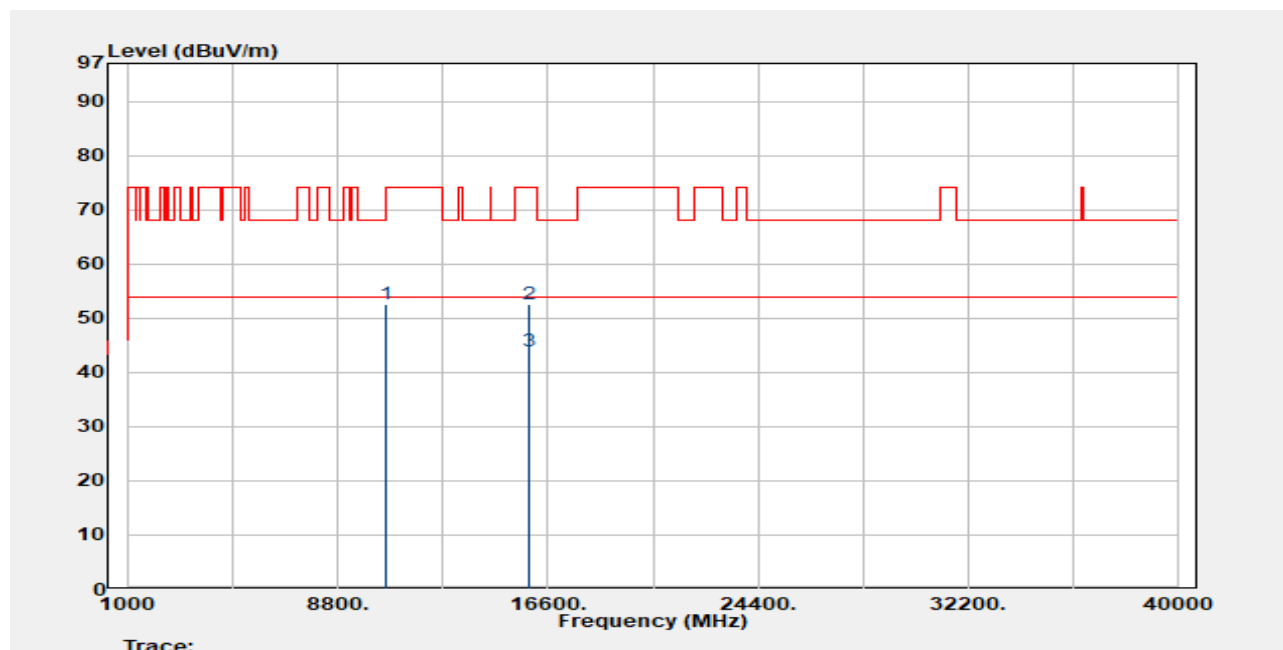
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10580.000	Peak	41.53	10.91	52.44	68.20	-15.76
15870.000	Peak	44.23	8.63	52.86	74.00	-21.14
15870.000	Average	35.29	8.63	43.92	54.00	-10.08

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Report Number :TERF2304000928ER  
Operation Mode :802.11ac80  
Test Frequency :5290 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



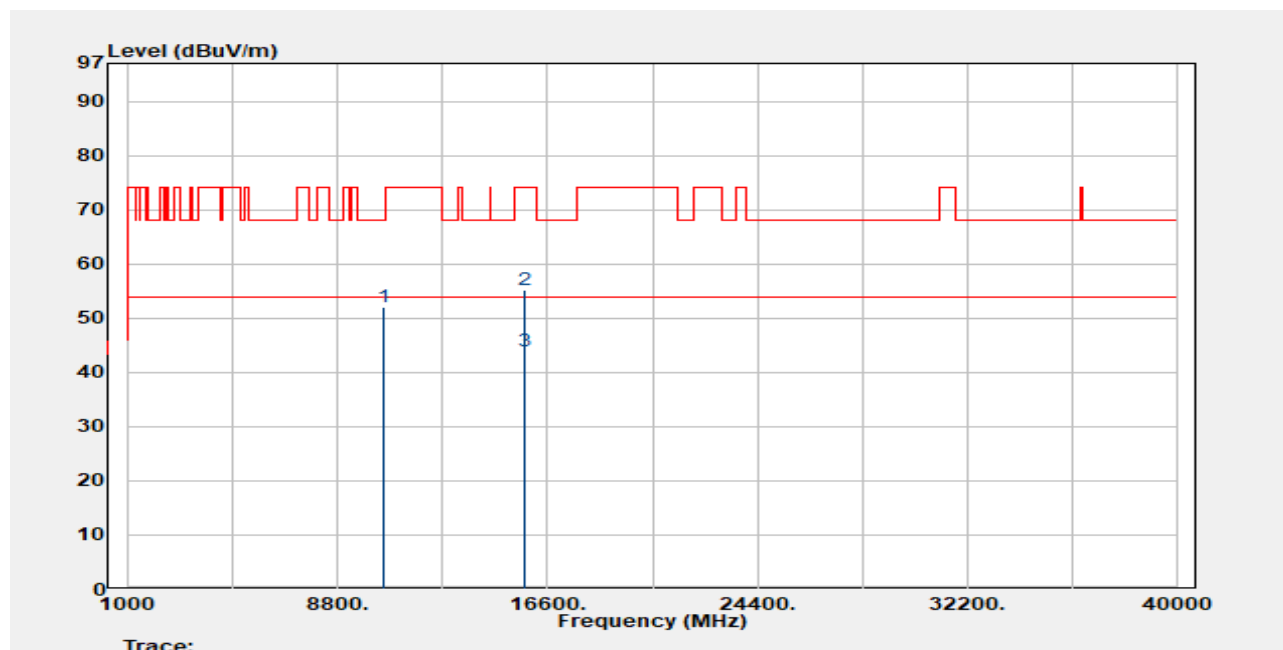
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10580.000	Peak	41.66	10.91	52.57	68.20	-15.63
15870.000	Peak	43.96	8.63	52.58	74.00	-21.42
15870.000	Average	35.21	8.63	43.84	54.00	-10.16

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Report Number :TERF2304000928ER  
Operation Mode :802.11ac160  
Test Frequency :5250 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



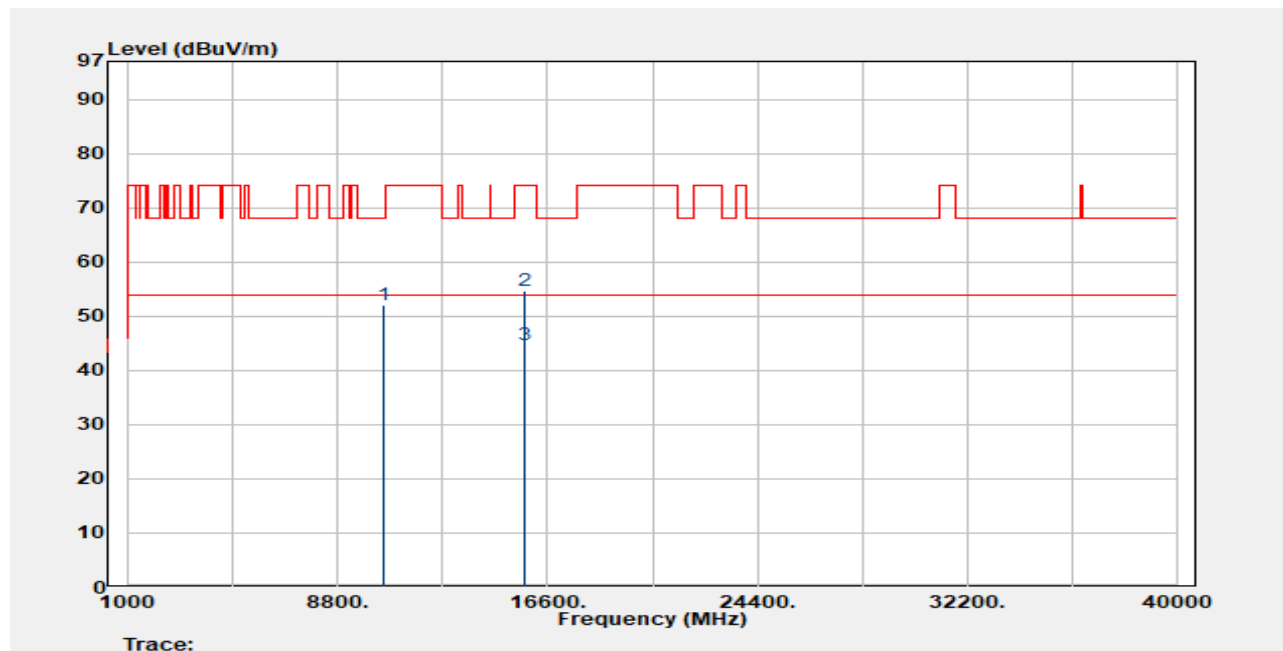
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10500.000	Peak	41.23	10.73	51.96	68.20	-16.24
15750.000	Peak	45.86	9.39	55.24	74.00	-18.76
15750.000	Average	34.54	9.39	43.93	54.00	-10.07

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Report Number :TERF2304000928ER  
Operation Mode :802.11ac160  
Test Frequency :5250 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



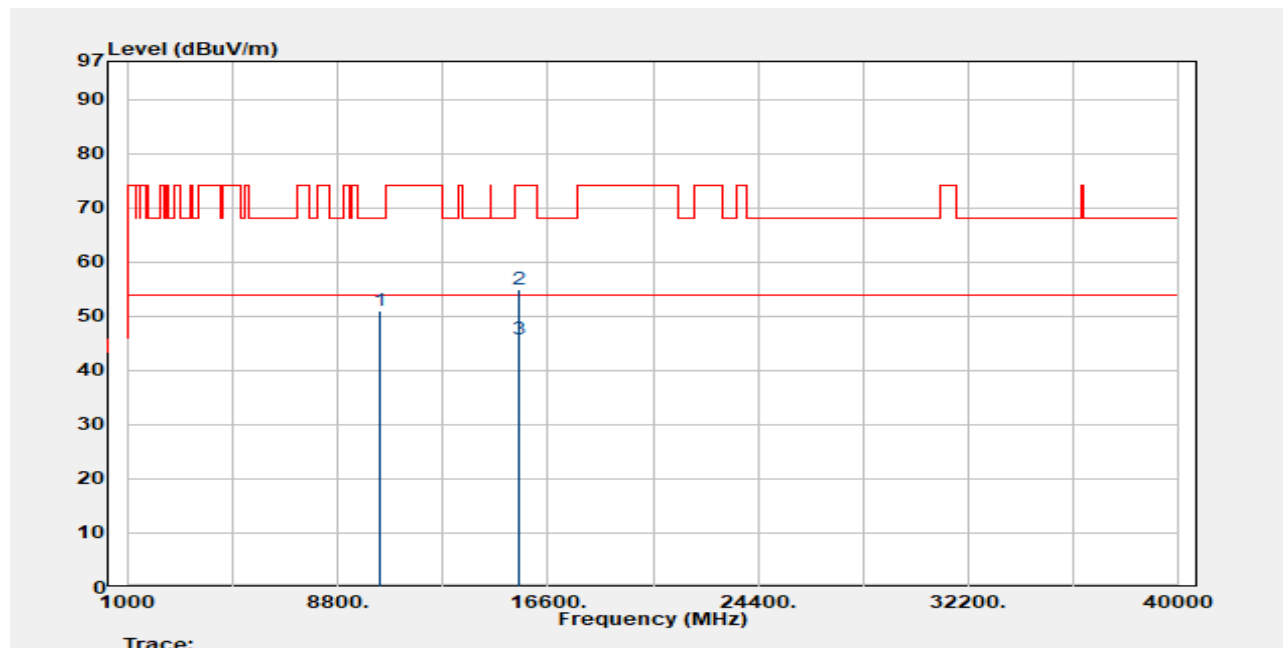
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10500.000	Peak	41.25	10.73	51.99	68.20	-16.21
15750.000	Peak	45.42	9.39	54.80	74.00	-19.20
15750.000	Average	35.22	9.39	44.61	54.00	-9.39

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU full  
Test Frequency :5180 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



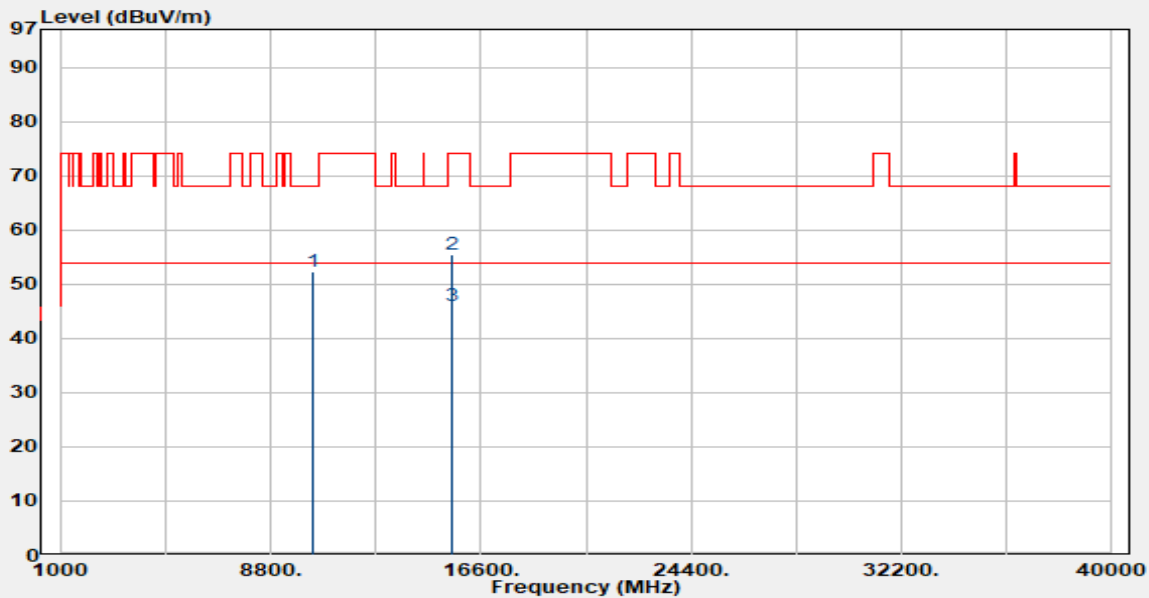
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10360.000	Peak	41.07	10.00	51.07	68.20	-17.13
15540.000	Peak	44.81	10.24	55.06	74.00	-18.94
15540.000	Average	35.45	10.24	45.69	54.00	-8.31

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU full  
Test Frequency :5180 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.000	Peak	42.30	10.00	52.30	68.20	-15.90
15540.000	Peak	45.31	10.24	55.55	74.00	-18.45
15540.000	Average	35.63	10.24	45.87	54.00	-8.13

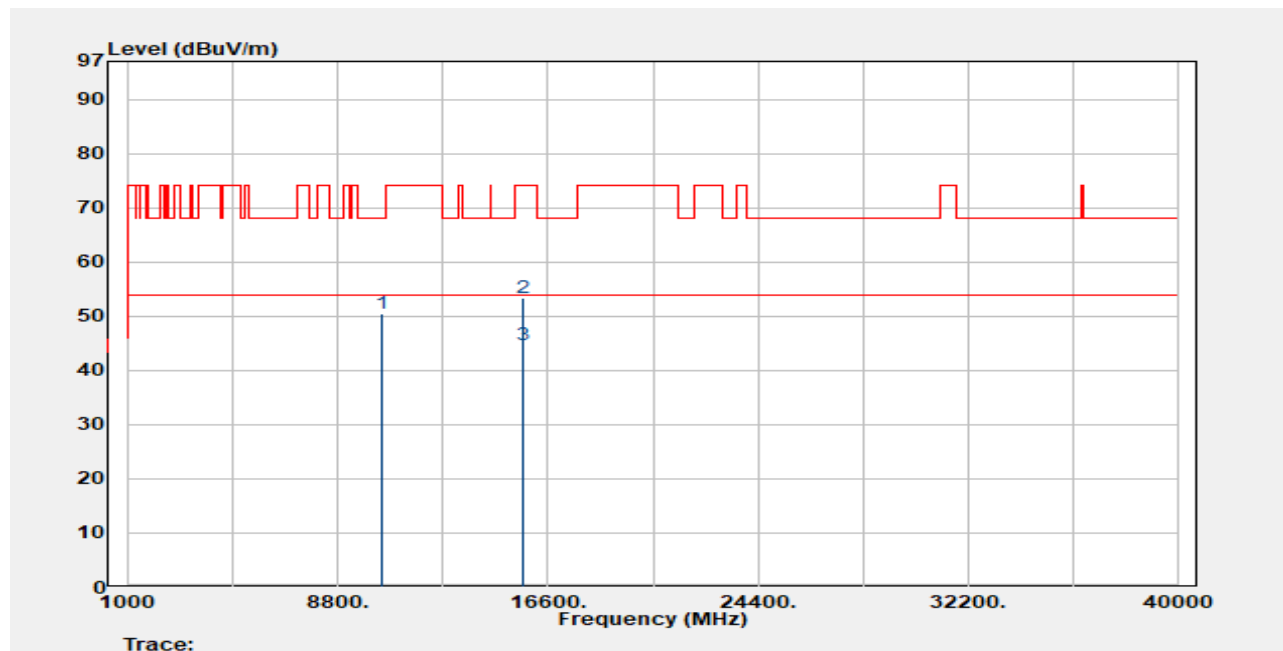
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU full  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



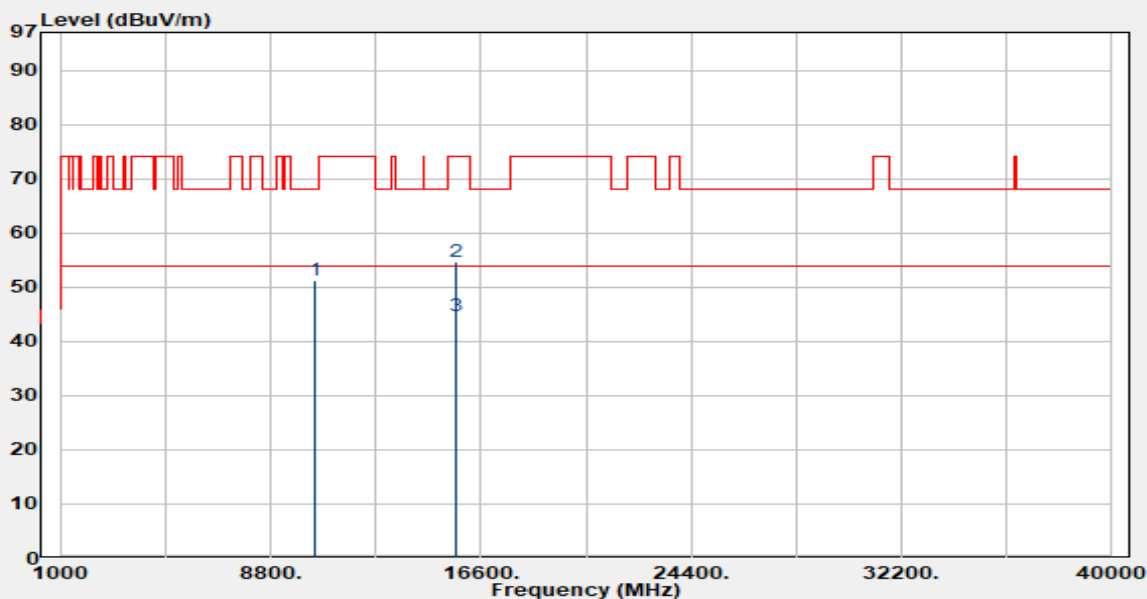
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10440.000	Peak	40.63	9.95	50.58	68.20	-17.62
15660.000	Peak	44.27	9.11	53.38	74.00	-20.62
15660.000	Average	35.46	9.11	44.57	54.00	-9.43

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU full  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



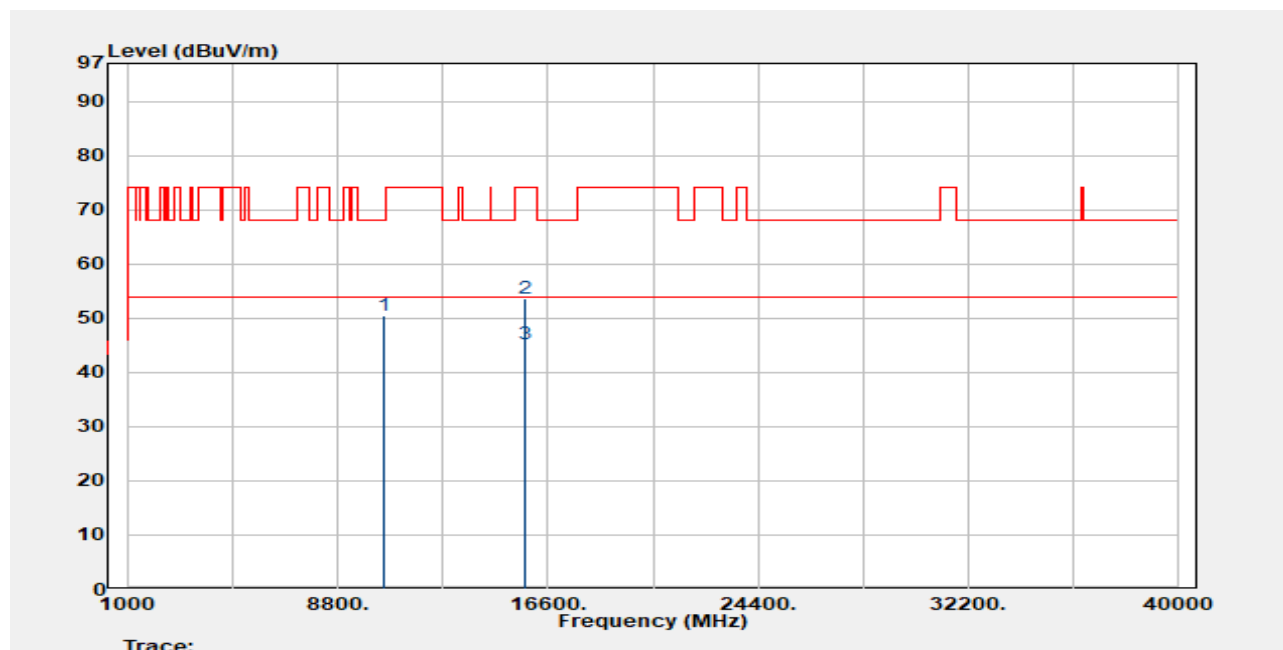
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10440.000	Peak	41.21	9.95	51.16	68.20	-17.04
15660.000	Peak	45.62	9.11	54.73	74.00	-19.27
15660.000	Average	35.46	9.11	44.57	54.00	-9.43

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU full  
Test Frequency :5240 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



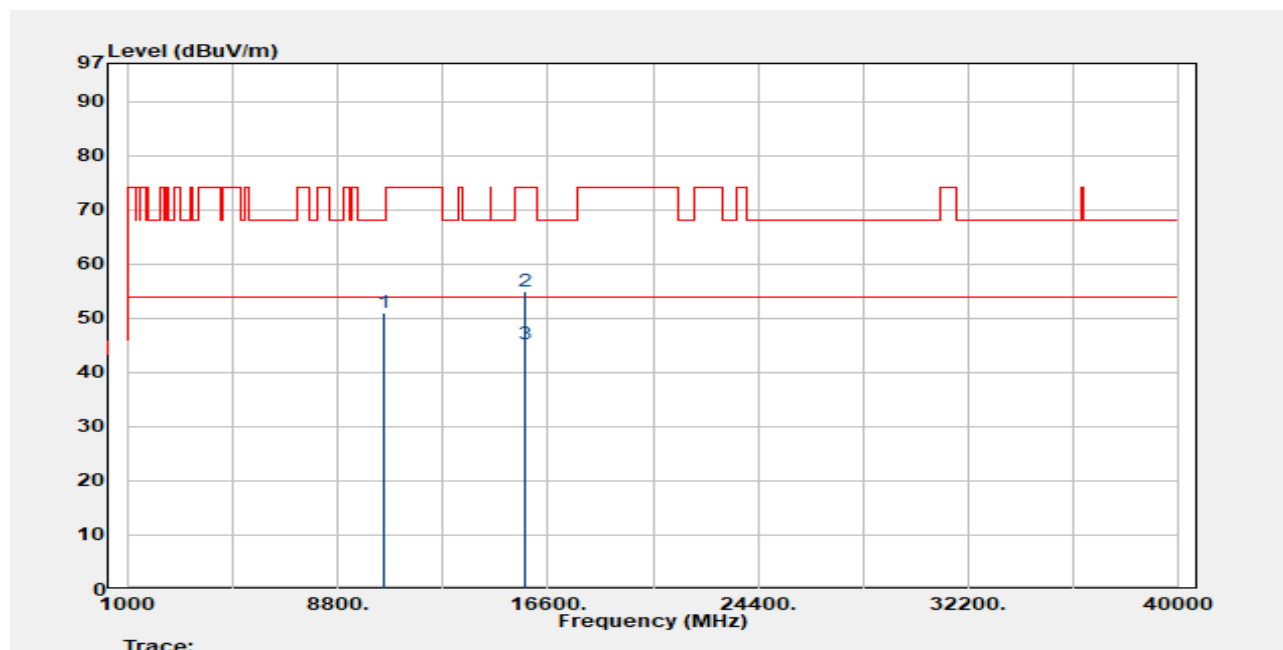
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10480.000	Peak	40.16	10.40	50.56	68.20	-17.64
15720.000	Peak	43.71	9.84	53.55	74.00	-20.45
15720.000	Average	35.31	9.84	45.15	54.00	-8.85

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU full  
Test Frequency :5240 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10480.000	Peak	40.56	10.40	50.96	68.20	-17.24
15720.000	Peak	45.05	9.84	54.89	74.00	-19.11
15720.000	Average	35.27	9.84	45.11	54.00	-8.89

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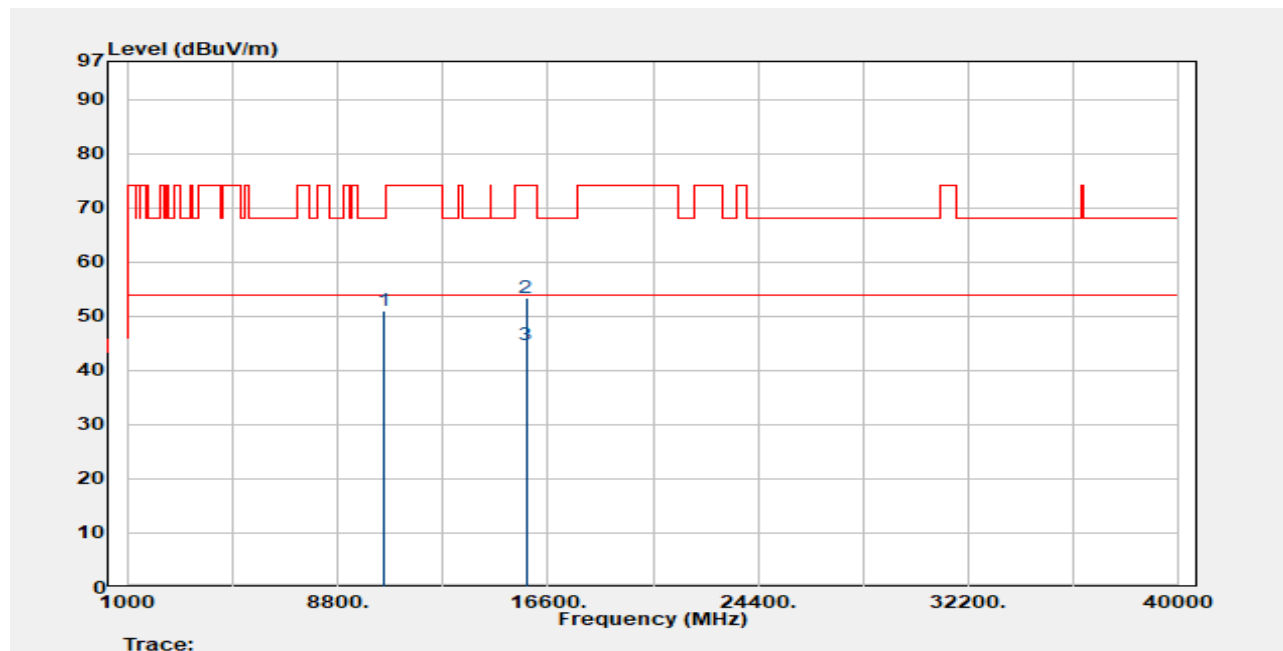
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU full  
Test Frequency :5260 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



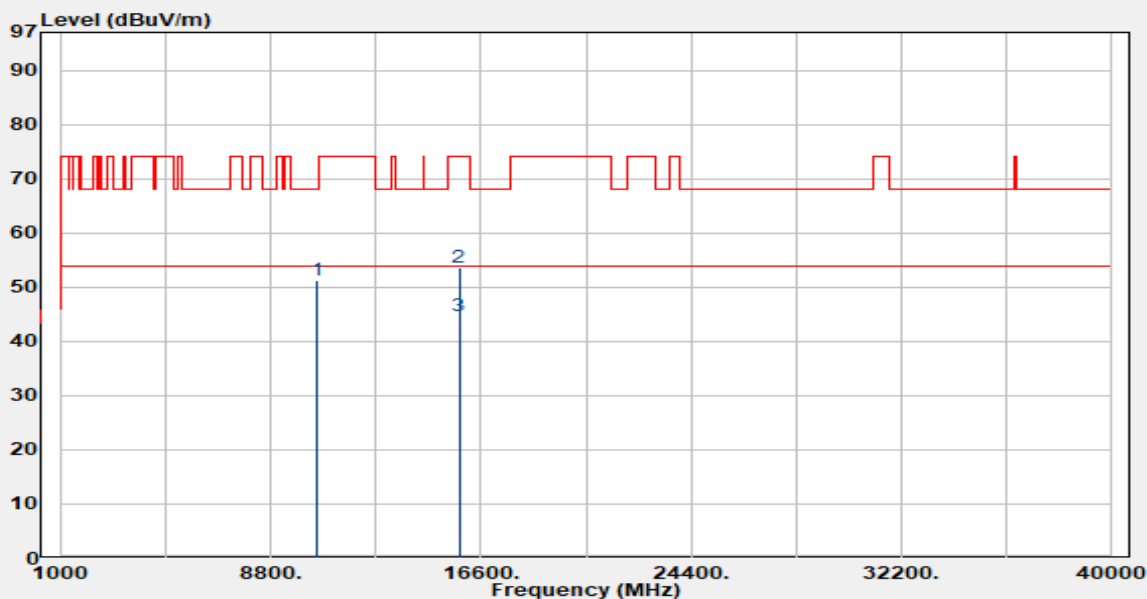
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.000	Peak	40.39	10.69	51.09	68.20	-17.11
15780.000	Peak	44.02	9.29	53.31	74.00	-20.69
15780.000	Average	35.40	9.29	44.69	54.00	-9.31

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU full  
Test Frequency :5260 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



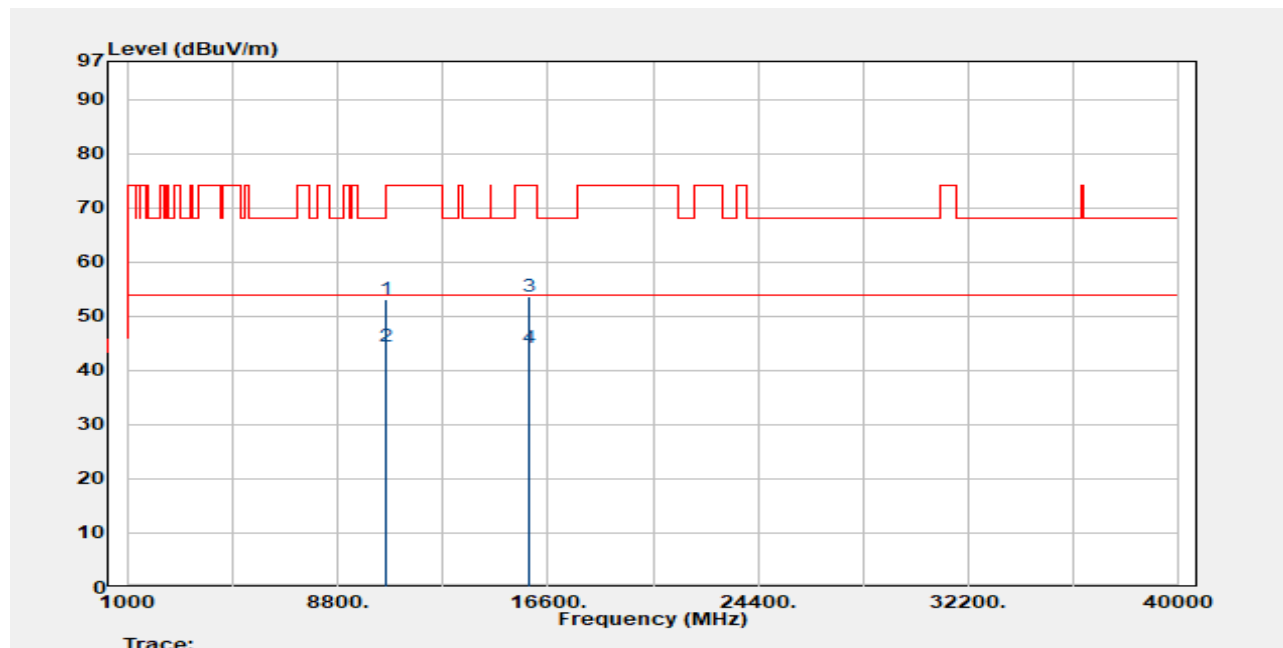
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.000	Peak	40.50	10.69	51.19	68.20	-17.01
15780.000	Peak	44.28	9.29	53.57	74.00	-20.43
15780.000	Average	35.38	9.29	44.67	54.00	-9.33

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU 106/54  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



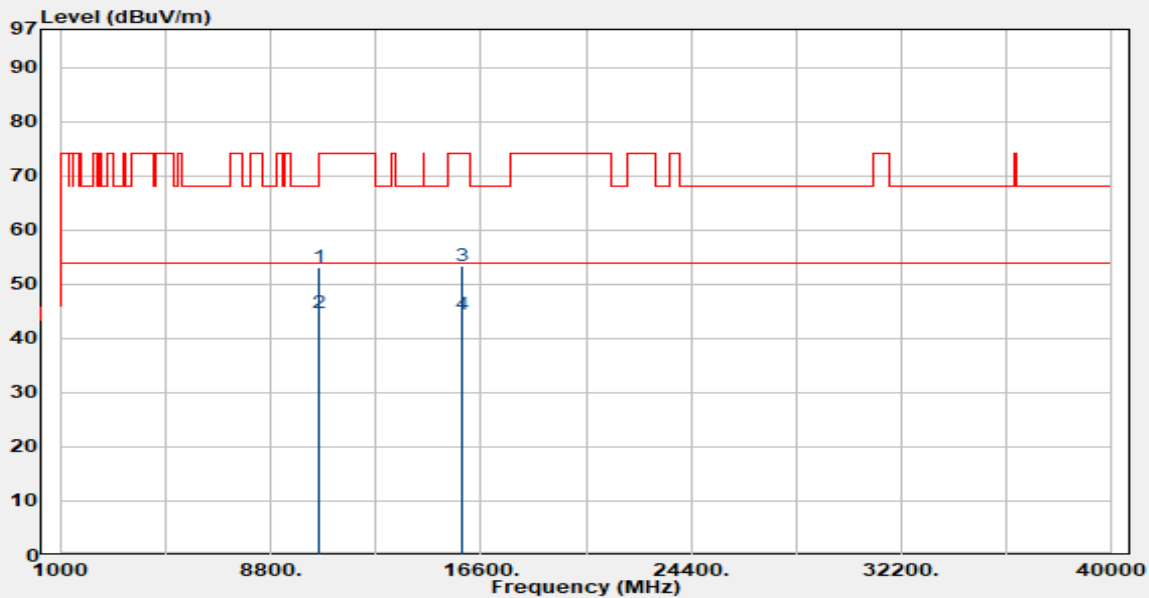
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10600.000	Peak	41.88	11.10	52.98	74.00	-21.02
10600.000	Average	33.29	11.10	44.39	54.00	-9.61
15900.000	Peak	44.86	8.71	53.57	74.00	-20.43
15900.000	Average	35.51	8.71	44.22	54.00	-9.78

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU 106/54  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10600.000	Peak	42.08	11.10	53.18	74.00	-20.82
10600.000	Average	33.67	11.10	44.77	54.00	-9.23
15900.000	Peak	44.70	8.71	53.41	74.00	-20.59
15900.000	Average	35.58	8.71	44.29	54.00	-9.71

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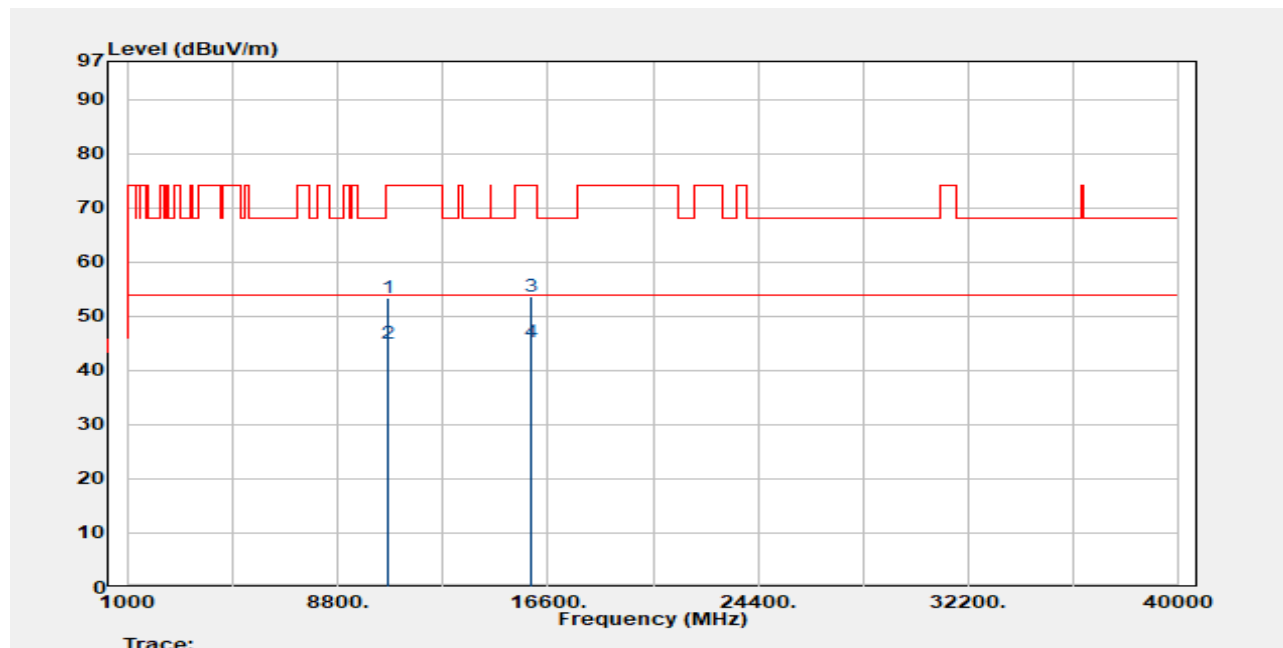
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU 106/54  
Test Frequency :5320 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10640.000	Peak	42.07	11.24	53.31	74.00	-20.69
10640.000	Average	33.66	11.24	44.90	54.00	-9.10
15960.000	Peak	44.36	9.29	53.65	74.00	-20.35
15960.000	Average	35.81	9.29	45.10	54.00	-8.90

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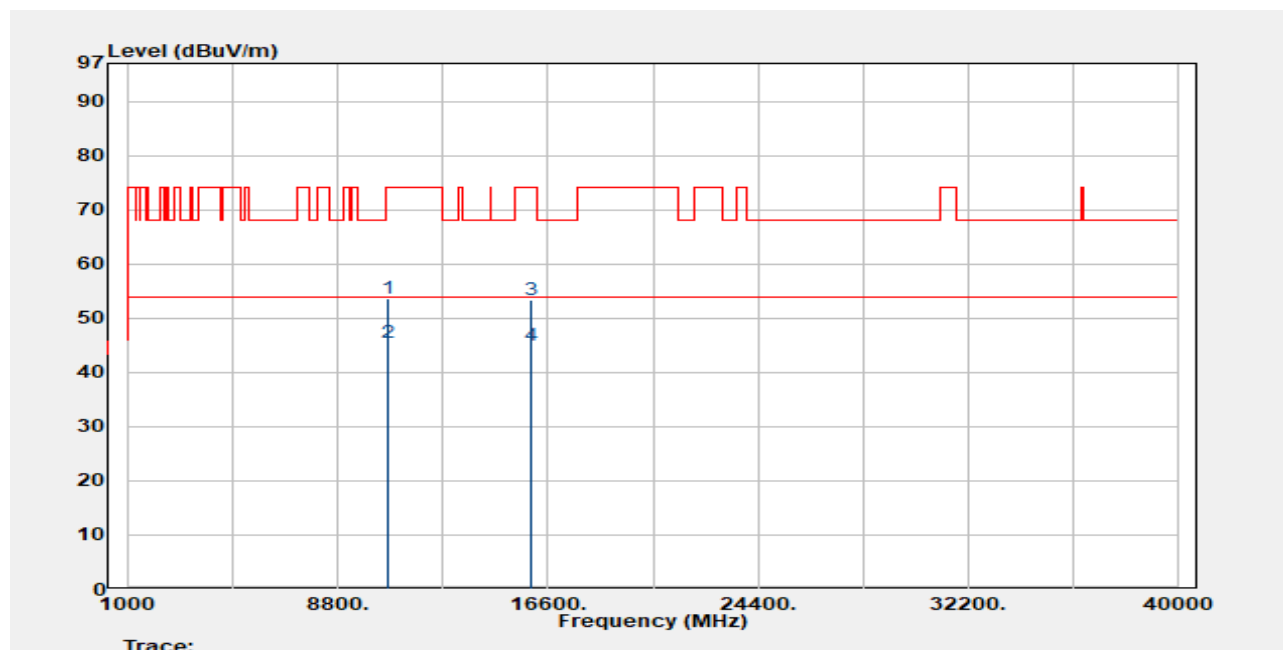
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU 106/54  
Test Frequency :5320 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



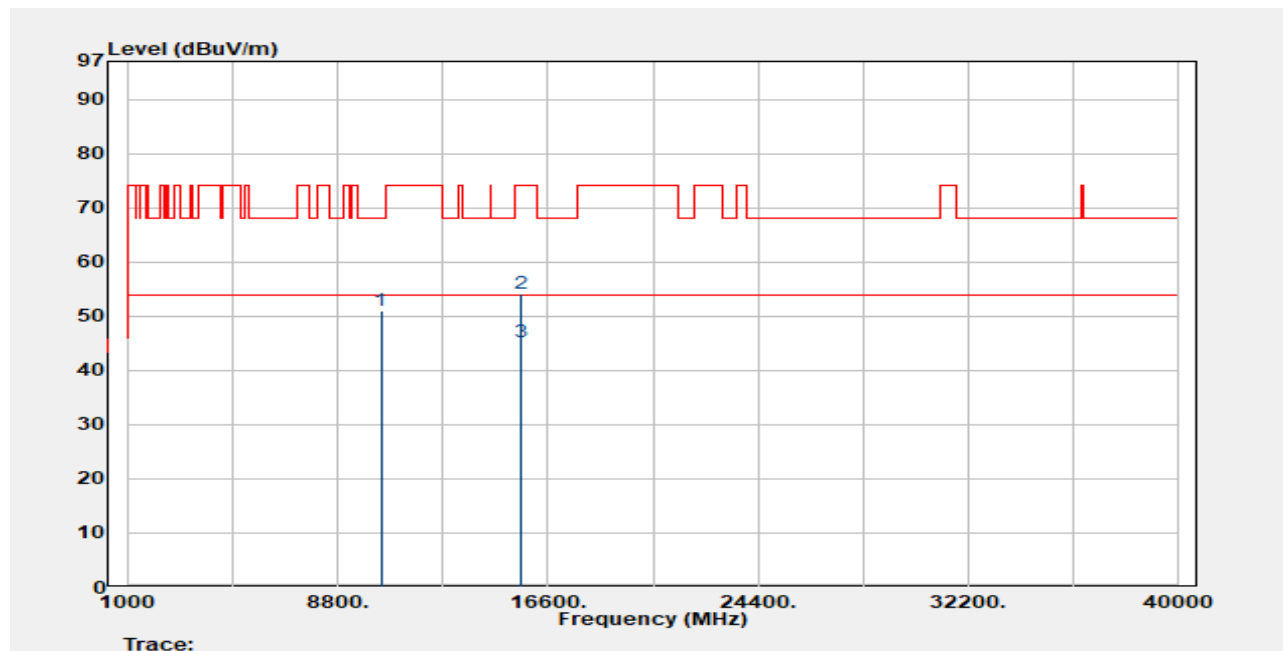
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10640.000	Peak	42.42	11.24	53.66	74.00	-20.34
10640.000	Average	34.13	11.24	45.37	54.00	-8.63
15960.000	Peak	44.13	9.29	53.42	74.00	-20.58
15960.000	Average	35.60	9.29	44.89	54.00	-9.11

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax40 RU full  
Test Frequency :5190 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



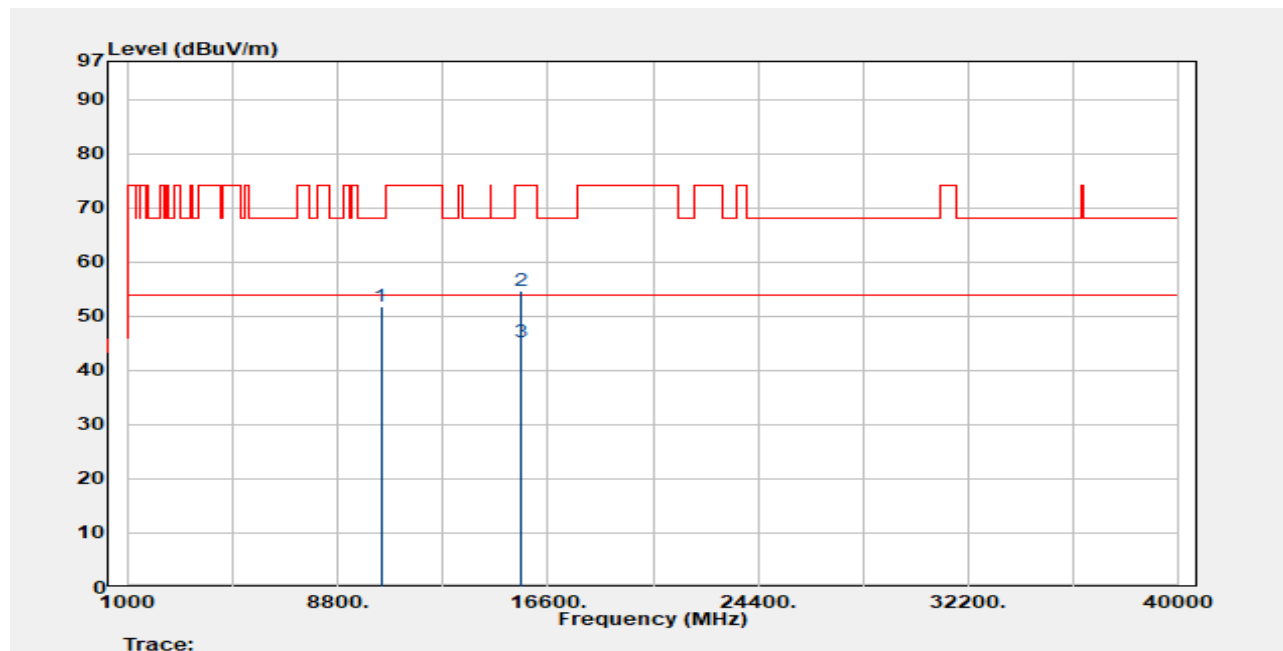
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10380.000	Peak	40.99	10.06	51.05	68.20	-17.15
15570.000	Peak	44.16	9.92	54.08	74.00	-19.92
15570.000	Average	35.31	9.92	45.23	54.00	-8.77

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax40 RU full  
Test Frequency :5190 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



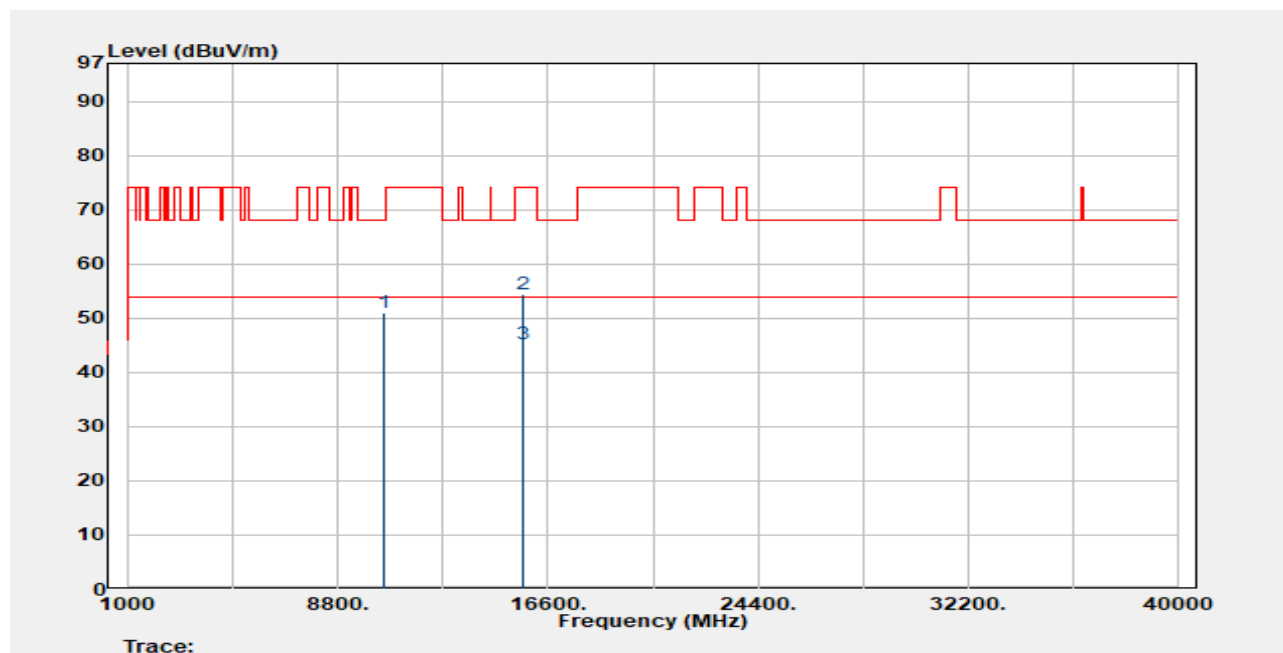
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10380.000	Peak	41.71	10.06	51.78	68.20	-16.42
15570.000	Peak	44.85	9.92	54.77	74.00	-19.23
15570.000	Average	35.31	9.92	45.23	54.00	-8.77

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax40 RU full  
Test Frequency :5230 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



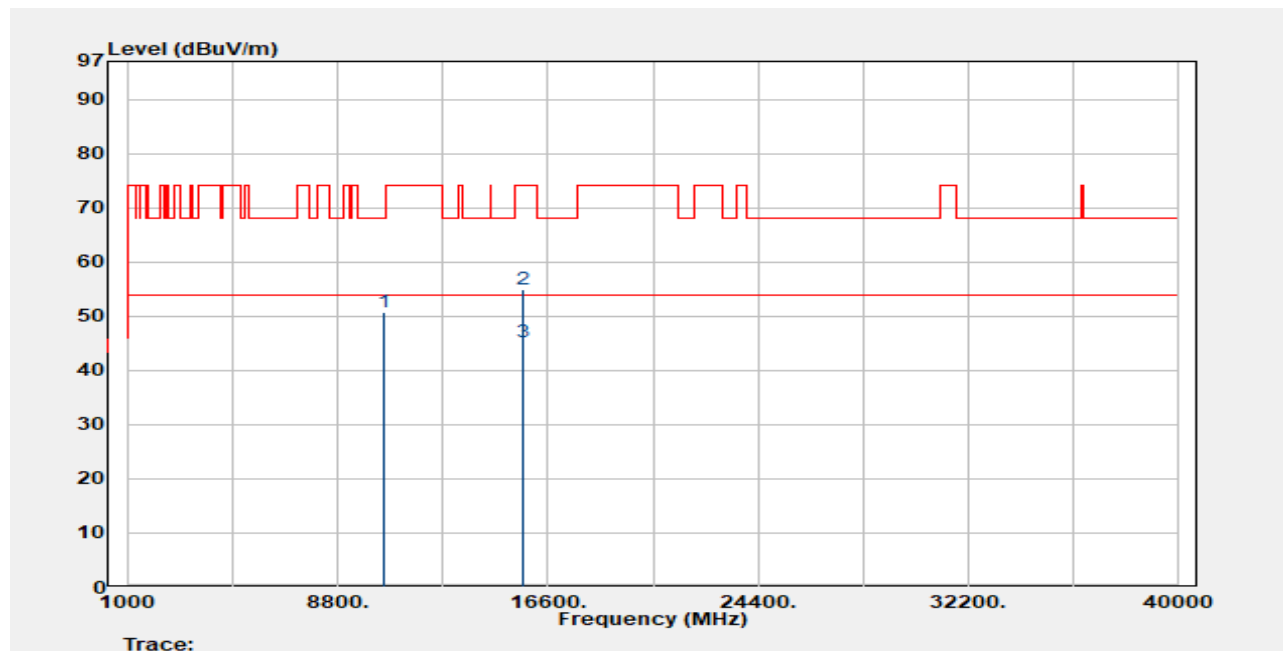
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d $\mu$ V	Factor dB	Actual FS d $\mu$ V/m	Limit @3m d $\mu$ V/m	Margin dB
10460.000	Peak	40.91	10.07	50.98	68.20	-17.22
15690.000	Peak	44.42	9.88	54.30	74.00	-19.70
15690.000	Average	35.36	9.88	45.24	54.00	-8.76

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax40 RU full  
Test Frequency :5230 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10460.000	Peak	40.62	10.07	50.69	68.20	-17.51
15690.000	Peak	44.97	9.88	54.85	74.00	-19.15
15690.000	Average	35.41	9.88	45.29	54.00	-8.71

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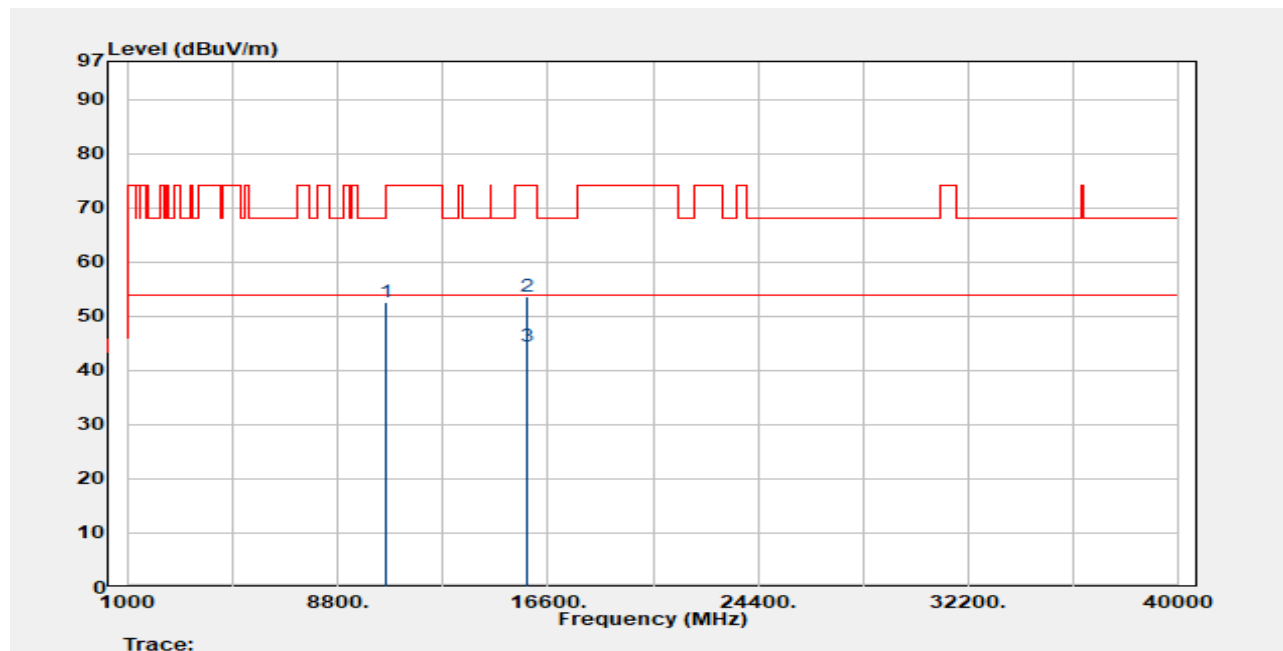
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax40 RU full  
Test Frequency :5270 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10540.000	Peak	41.89	10.65	52.54	68.20	-15.66
15810.000	Peak	44.56	9.10	53.66	74.00	-20.34
15810.000	Average	35.34	9.10	44.44	54.00	-9.56

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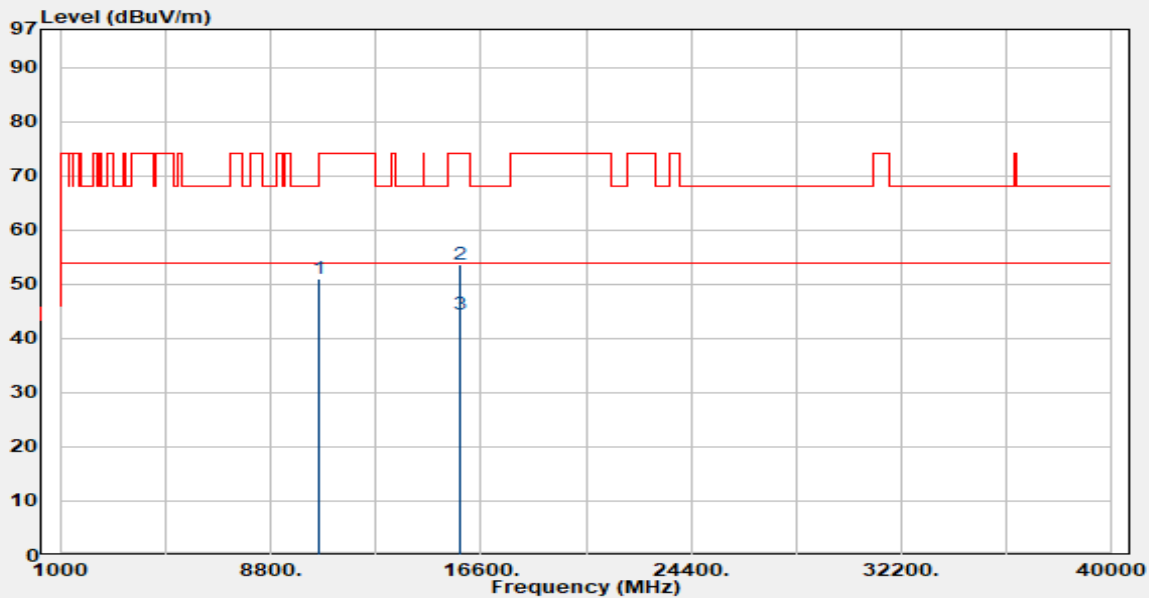
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax40 RU full  
Test Frequency :5270 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10540.000	Peak	40.37	10.65	51.03	68.20	-17.17
15810.000	Peak	44.55	9.10	53.64	74.00	-20.36
15810.000	Average	35.36	9.10	44.46	54.00	-9.54

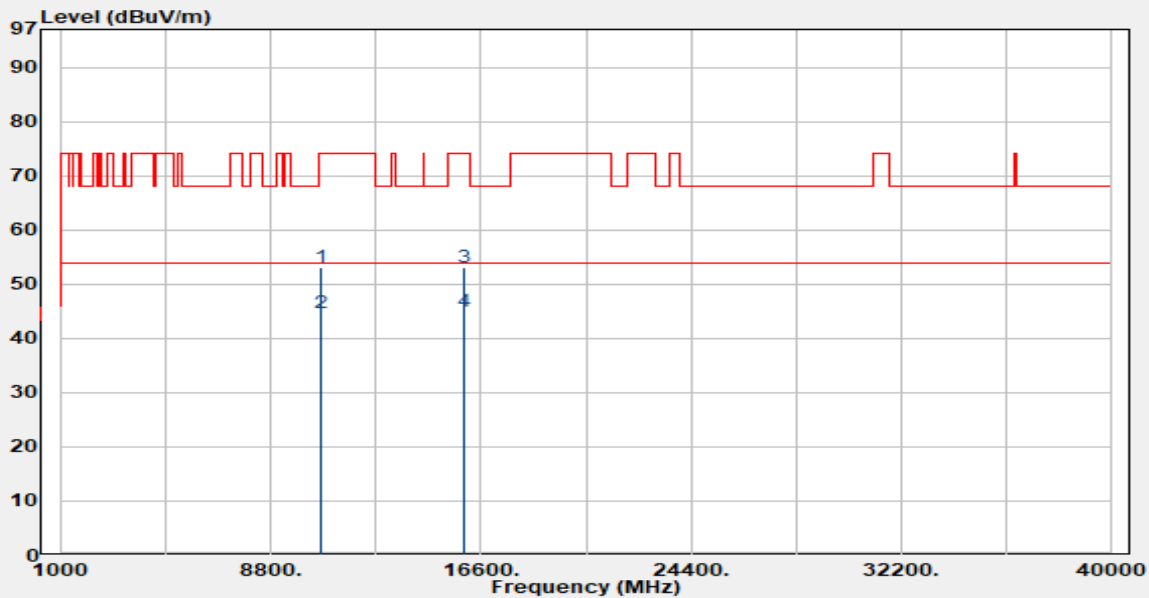
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax40 RU full  
Test Frequency :5310 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



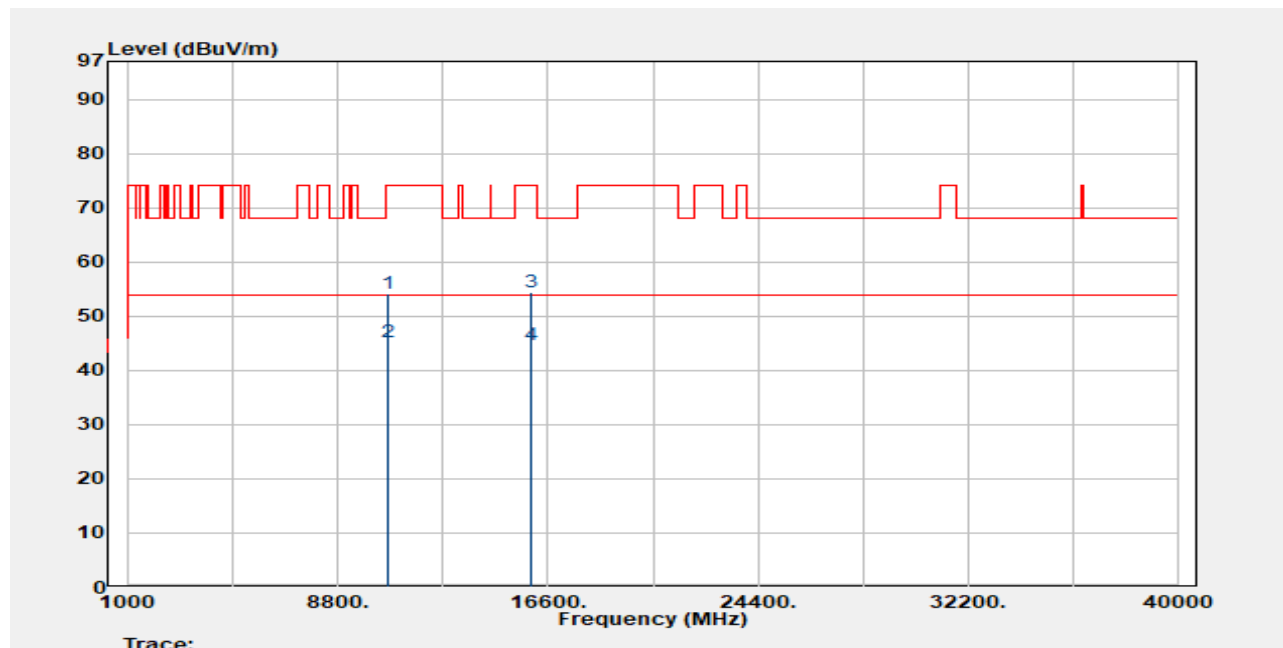
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10620.000	Peak	42.01	11.17	53.17	74.00	-20.83
10620.000	Average	33.59	11.17	44.76	54.00	-9.24
15930.000	Peak	44.13	9.07	53.20	74.00	-20.80
15930.000	Average	35.75	9.07	44.82	54.00	-9.18

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax40 RU full  
Test Frequency :5310 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



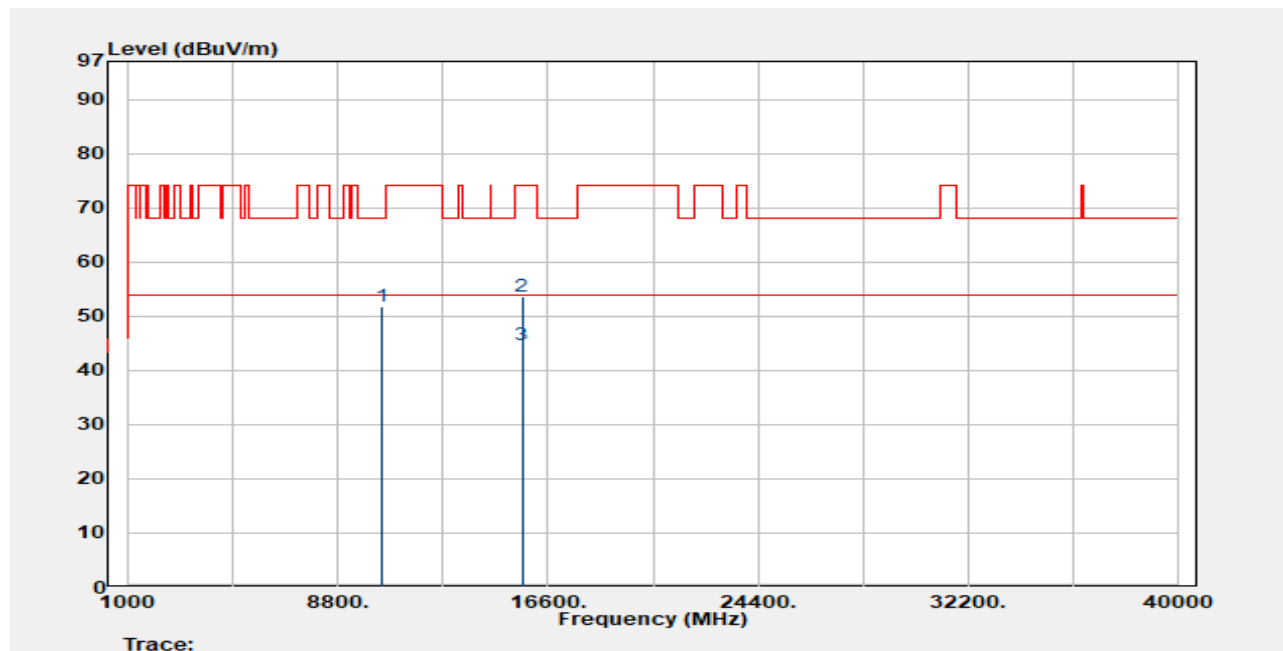
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10620.000	Peak	42.94	11.17	54.11	74.00	-19.89
10620.000	Average	33.98	11.17	45.15	54.00	-8.85
15930.000	Peak	45.27	9.07	54.34	74.00	-19.66
15930.000	Average	35.71	9.07	44.78	54.00	-9.22

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax80 RU full  
Test Frequency :5210 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10420.000	Peak	41.79	10.04	51.83	68.20	-16.37
15630.000	Peak	44.61	9.13	53.74	74.00	-20.26
15630.000	Average	35.47	9.13	44.60	54.00	-9.40

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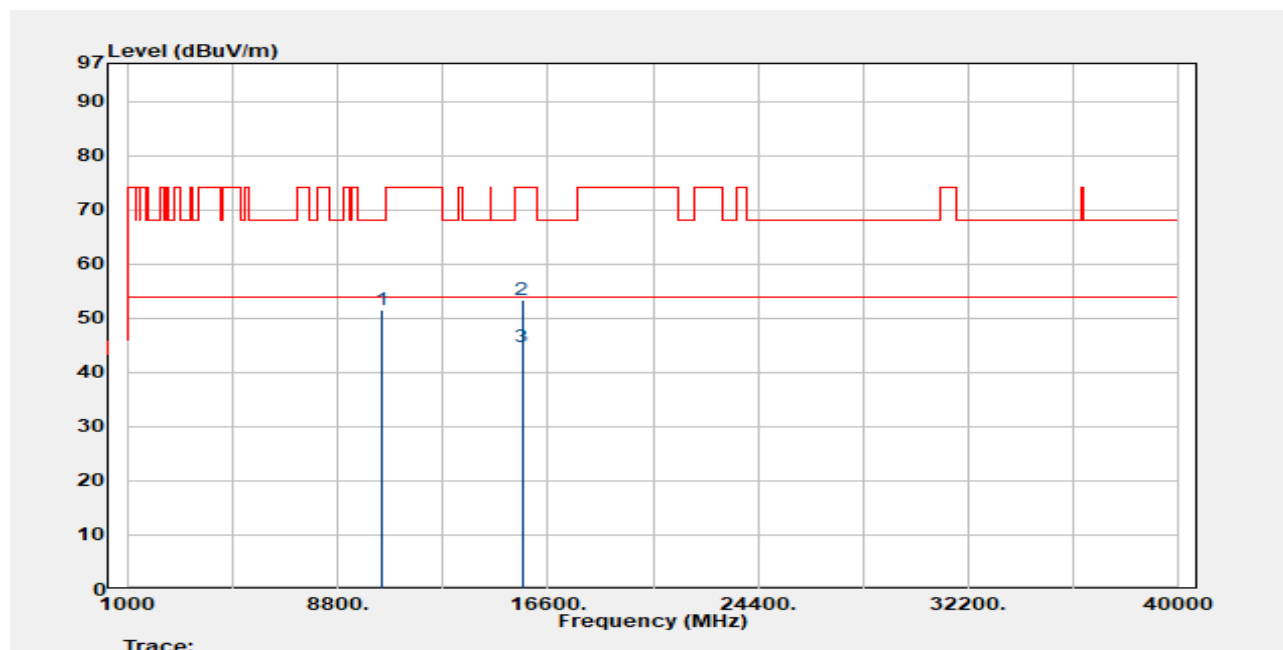
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax80 RU full  
Test Frequency :5210 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10420.000	Peak	41.52	10.04	51.56	68.20	-16.64
15630.000	Peak	44.34	9.13	53.48	74.00	-20.52
15630.000	Average	35.52	9.13	44.65	54.00	-9.35

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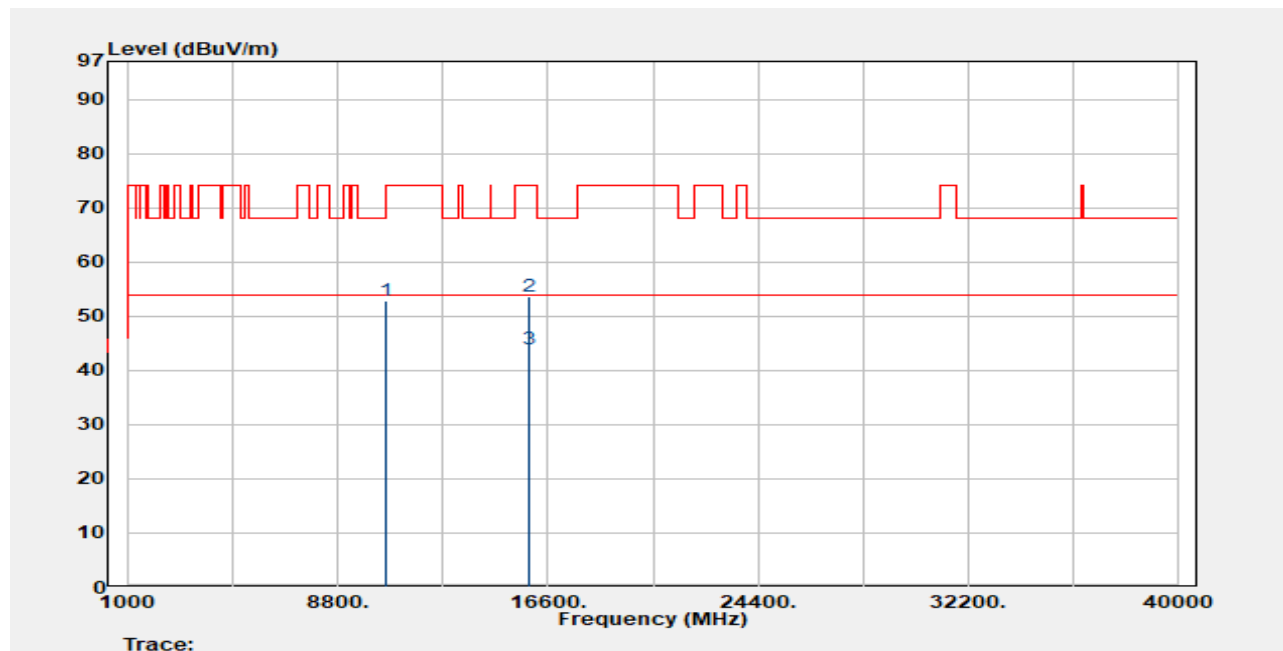
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax80 RU full  
Test Frequency :5290 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



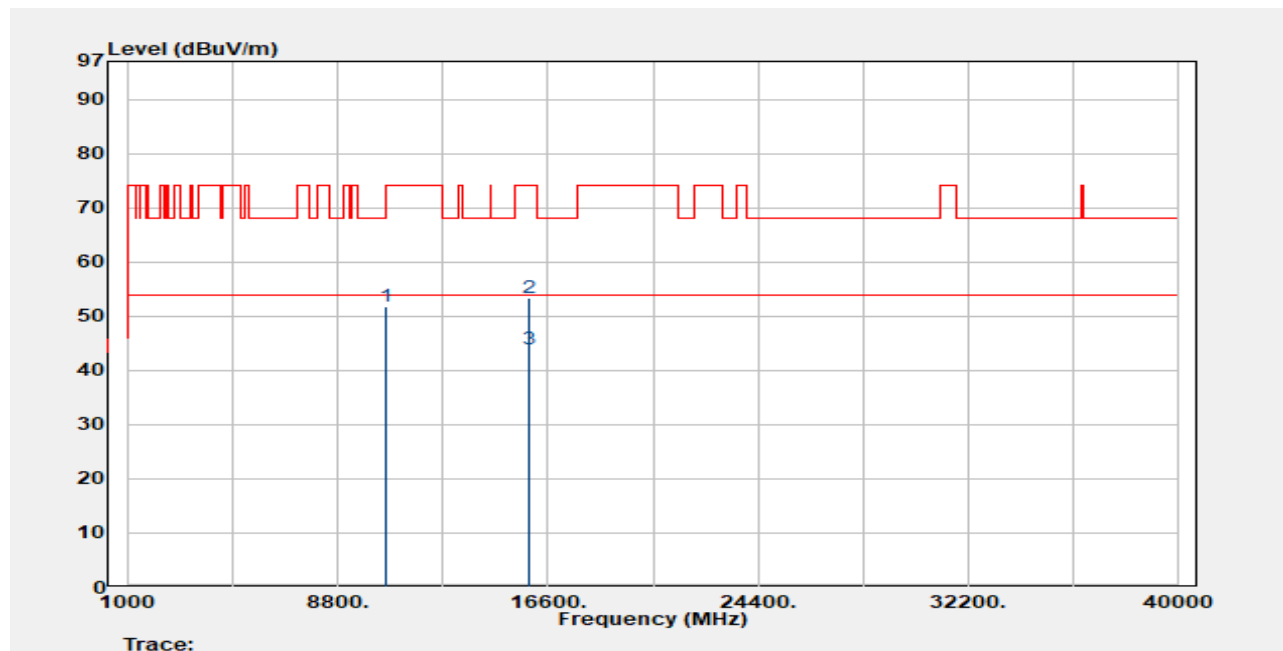
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10580.000	Peak	41.92	10.91	52.83	68.20	-15.37
15870.000	Peak	44.93	8.63	53.56	74.00	-20.44
15870.000	Average	35.25	8.63	43.88	54.00	-10.12

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax80 RU full  
Test Frequency :5290 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10580.000	Peak	40.94	10.91	51.85	68.20	-16.35
15870.000	Peak	44.69	8.63	53.32	74.00	-20.68
15870.000	Average	35.23	8.63	43.86	54.00	-10.14

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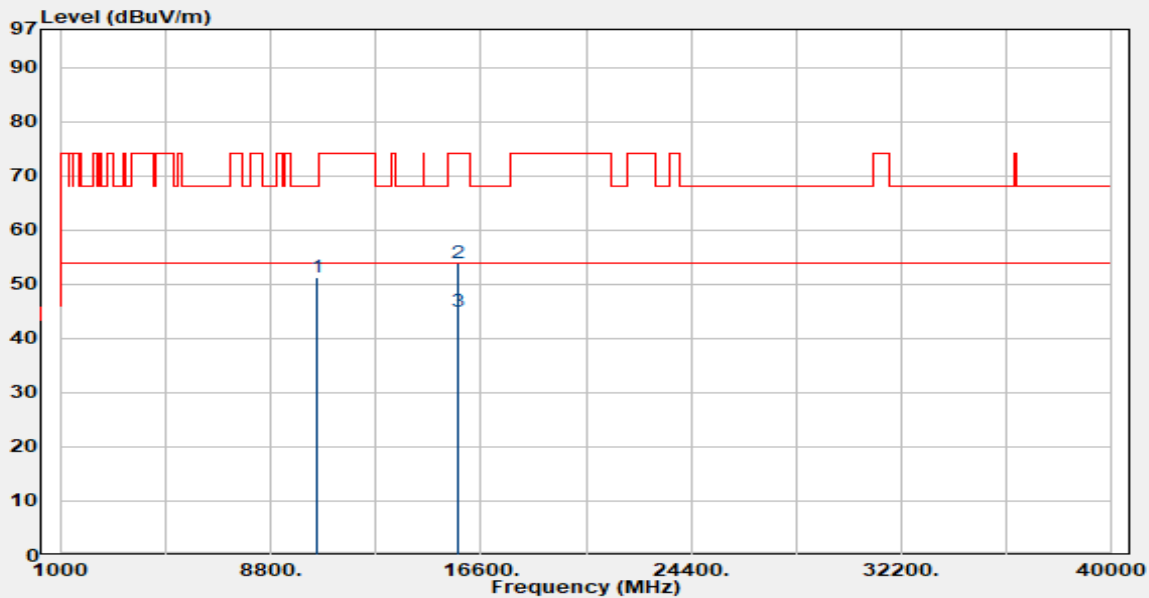
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax160 RU full  
Test Frequency :5250 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10500.000	Peak	40.65	10.73	51.38	68.20	-16.82
15750.000	Peak	44.40	9.39	53.79	74.00	-20.21
15750.000	Average	35.68	9.39	45.07	54.00	-8.93

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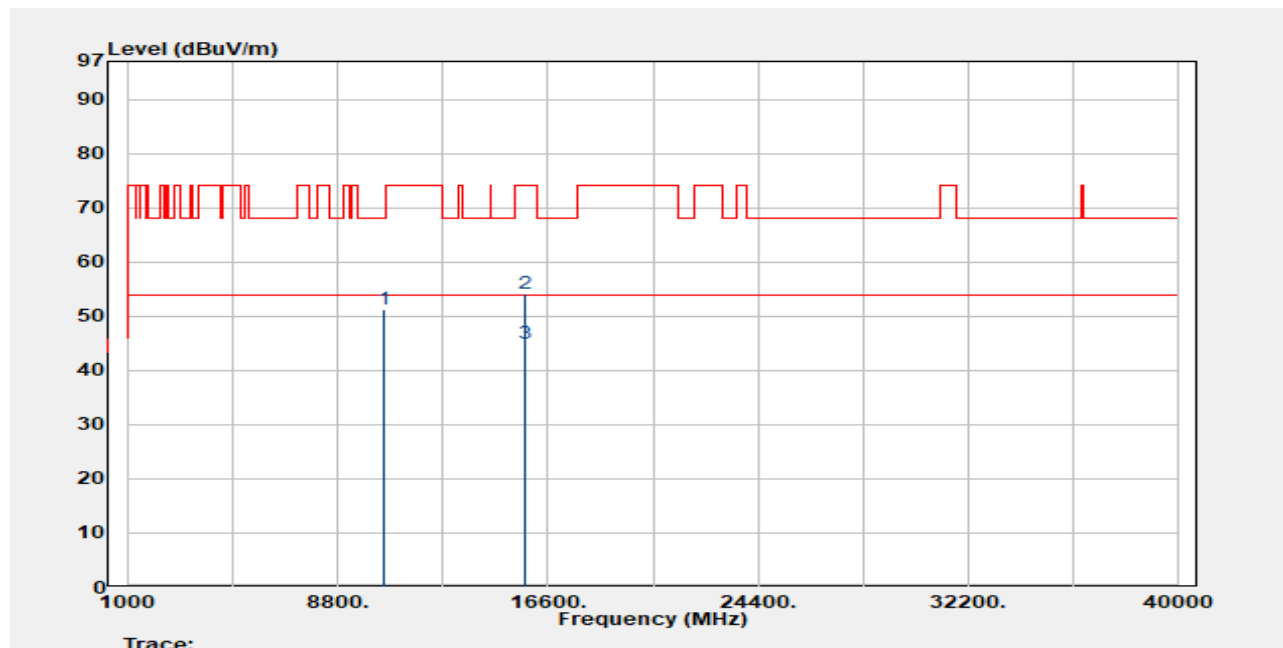
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax160 RU full  
Test Frequency :5250 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10500.000	Peak	40.58	10.73	51.32	68.20	-16.88
15750.000	Peak	44.87	9.39	54.26	74.00	-19.74
15750.000	Average	35.55	9.39	44.94	54.00	-9.06

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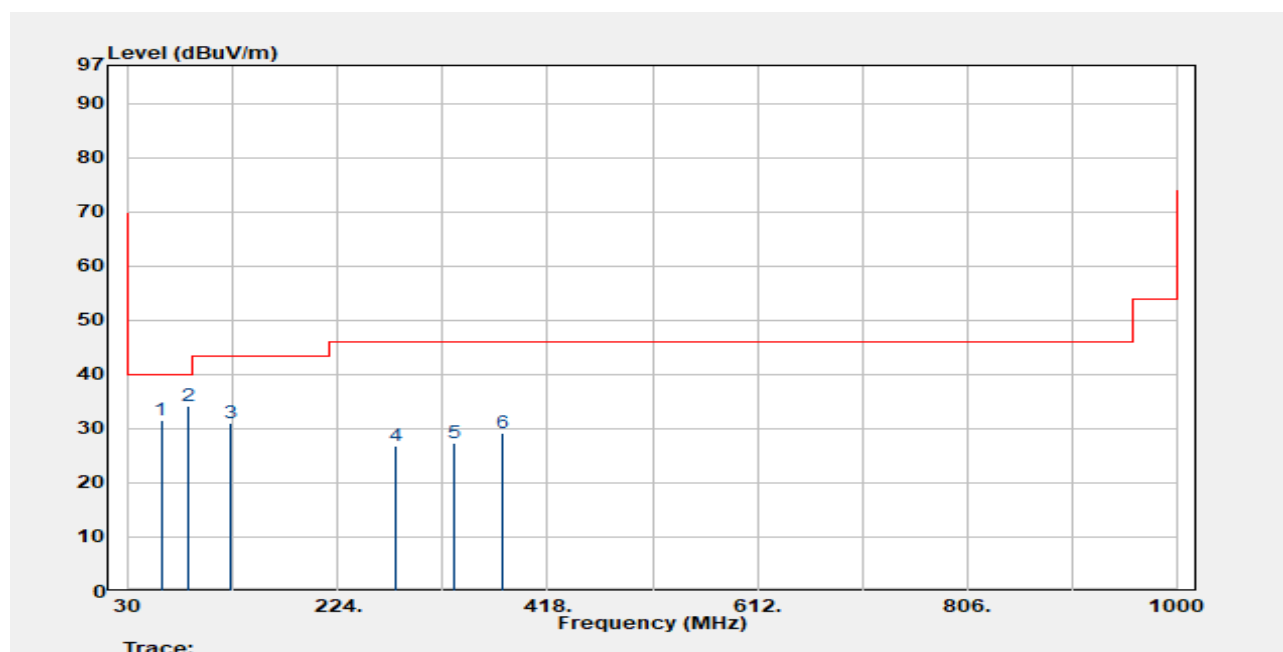
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## 9.5.1.2 Monopole antenna (2118907-8)

Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



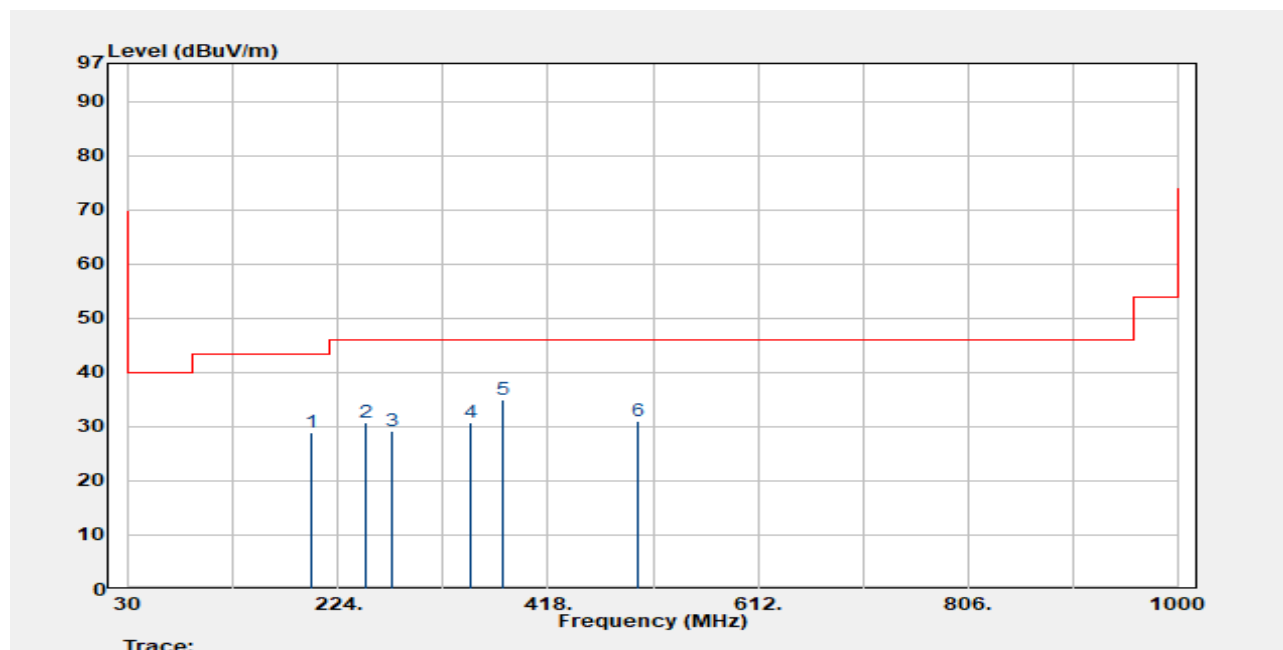
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
60.070	Peak	40.41	-8.99	31.42	40.00	-8.58
85.290	Peak	48.31	-14.25	34.06	40.00	-5.94
125.060	Peak	41.31	-10.27	31.04	43.50	-12.46
277.350	Peak	34.20	-7.51	26.69	46.00	-19.31
331.670	Peak	33.70	-6.25	27.45	46.00	-18.55
375.320	Peak	34.62	-5.50	29.13	46.00	-16.87

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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



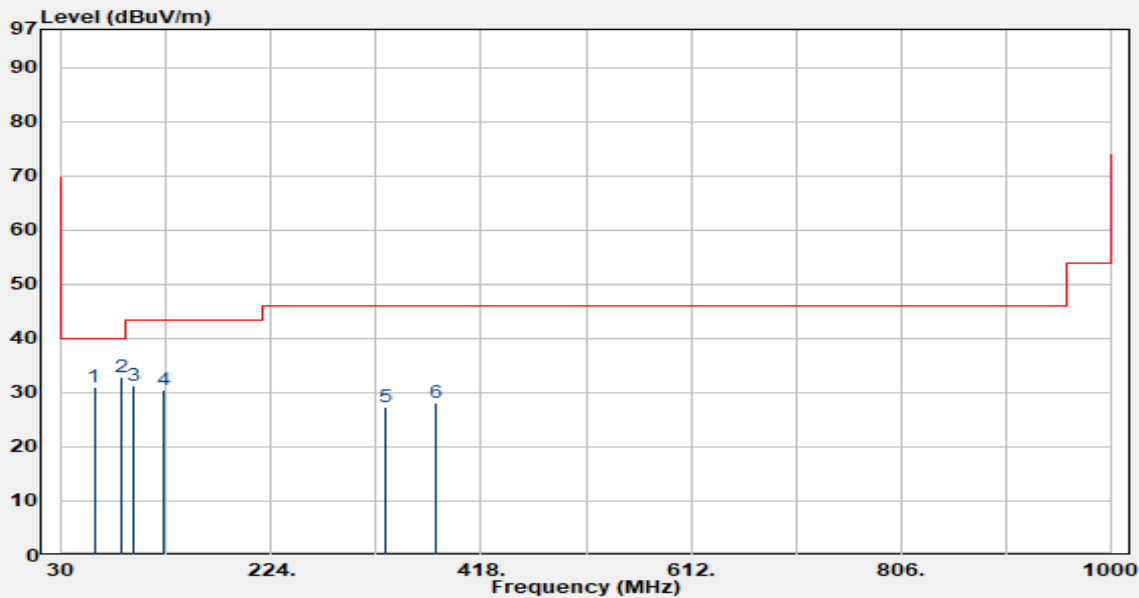
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
199.750	Peak	39.95	-11.02	28.93	43.50	-14.57
250.190	Peak	39.58	-8.87	30.71	46.00	-15.29
273.470	Peak	36.68	-7.55	29.13	46.00	-16.87
346.220	Peak	36.84	-6.16	30.68	46.00	-15.32
375.320	Peak	40.33	-5.50	34.84	46.00	-11.16
500.450	Peak	34.65	-3.75	30.90	46.00	-15.10

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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
60.070	Peak	39.98	-8.99	30.99	40.00	-9.01
85.290	Peak	47.19	-14.25	32.94	40.00	-7.06
96.930	Peak	44.83	-13.47	31.36	43.50	-12.14
125.060	Peak	40.83	-10.27	30.56	43.50	-12.94
329.730	Peak	33.58	-6.26	27.32	46.00	-18.68
375.320	Peak	33.67	-5.50	28.17	46.00	-17.83

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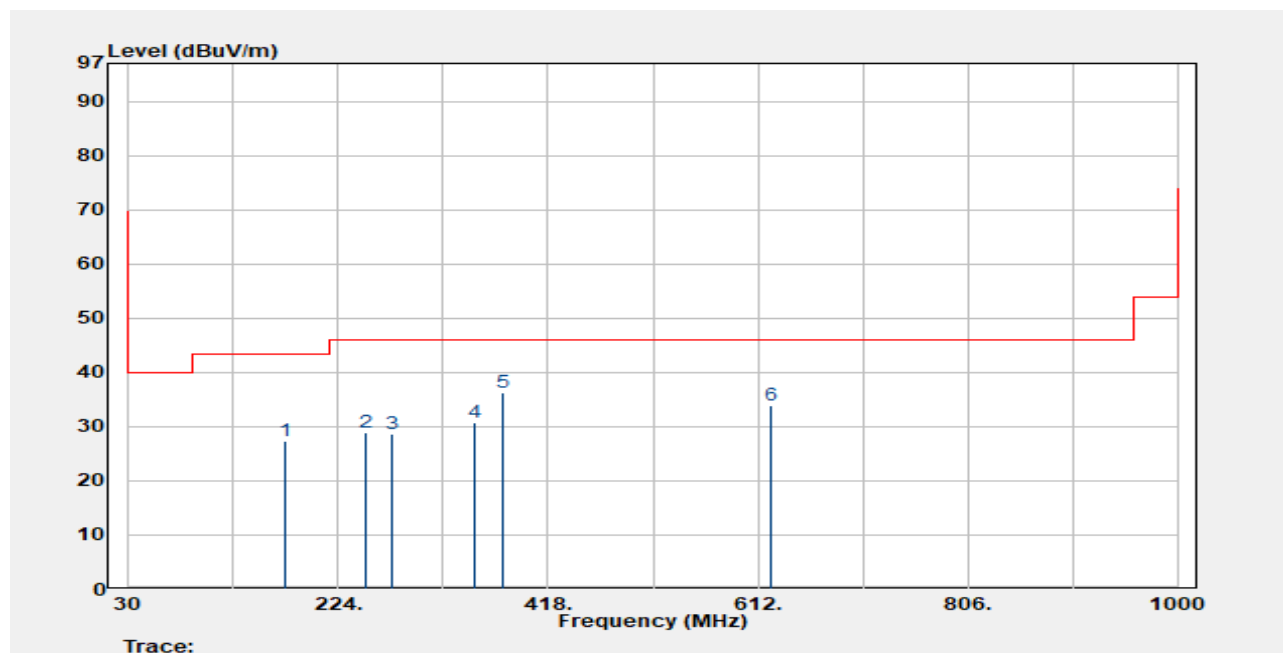
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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



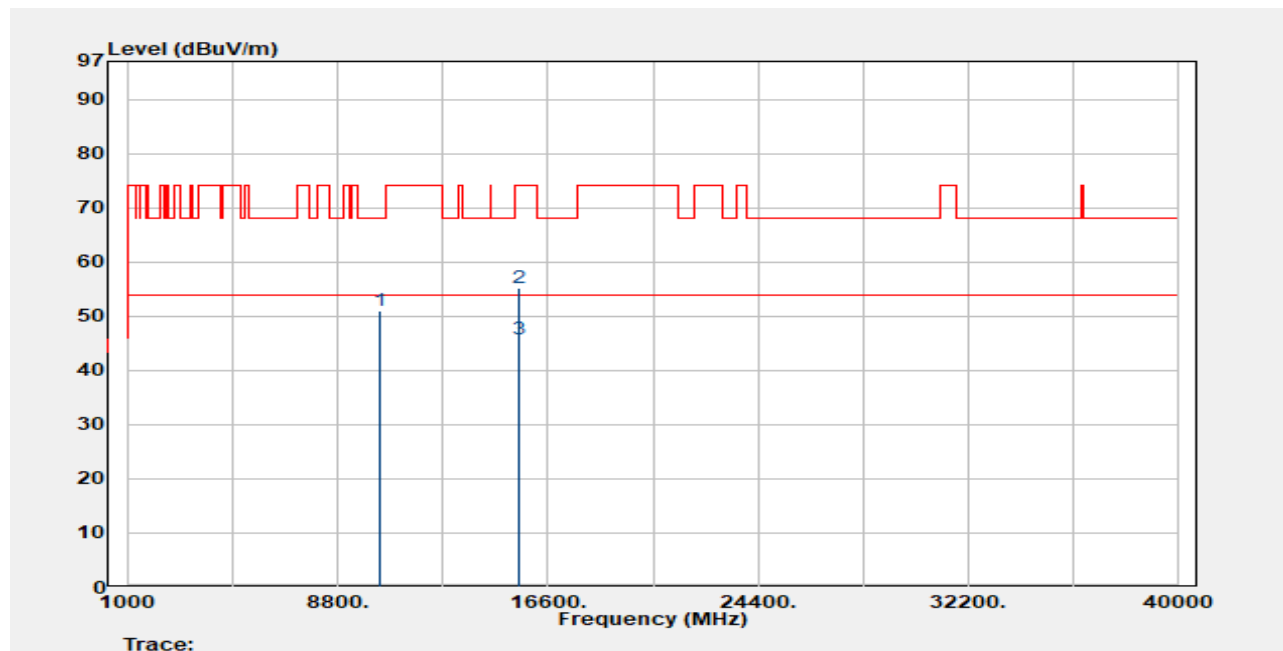
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
174.530	Peak	36.18	-8.86	27.32	43.50	-16.18
250.190	Peak	37.88	-8.87	29.01	46.00	-16.99
273.470	Peak	36.23	-7.55	28.68	46.00	-17.32
349.130	Peak	36.87	-6.14	30.73	46.00	-15.27
375.320	Peak	41.66	-5.50	36.16	46.00	-9.84
624.610	Peak	34.91	-1.07	33.84	46.00	-12.16

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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5180 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



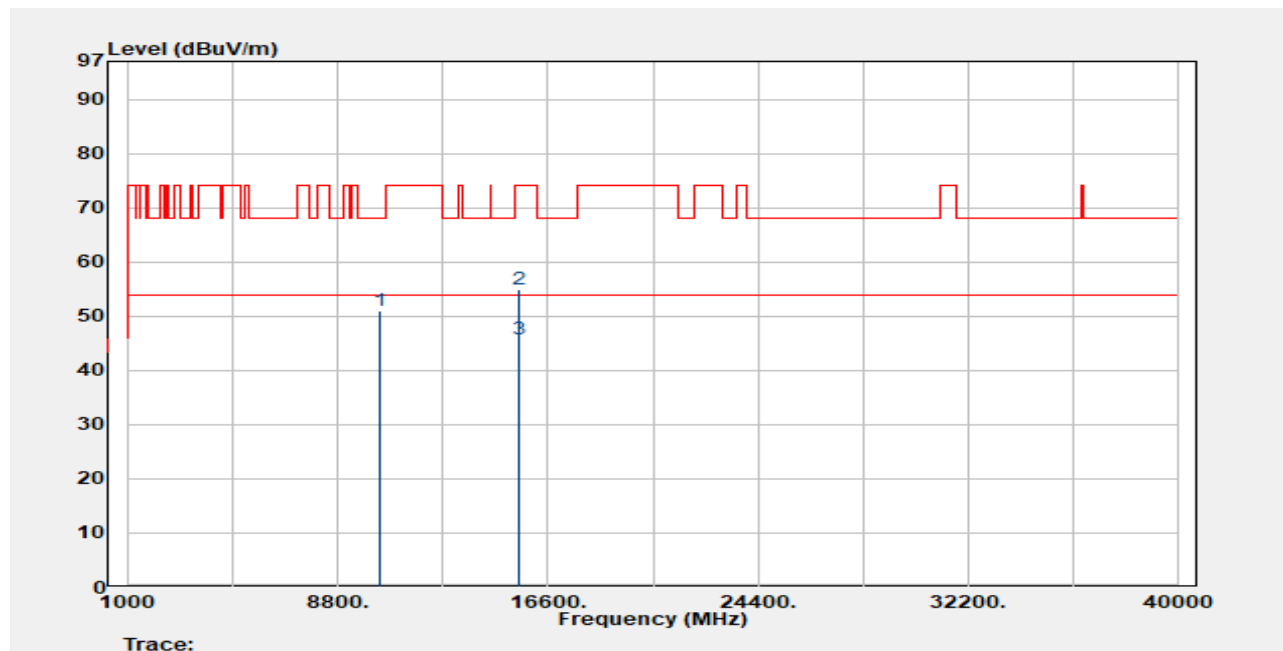
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10360.000	Peak	41.08	10.00	51.08	68.20	-17.12
15540.000	Peak	44.85	10.24	55.10	74.00	-18.90
15540.000	Average	35.51	10.24	45.75	54.00	-8.25

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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5180 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



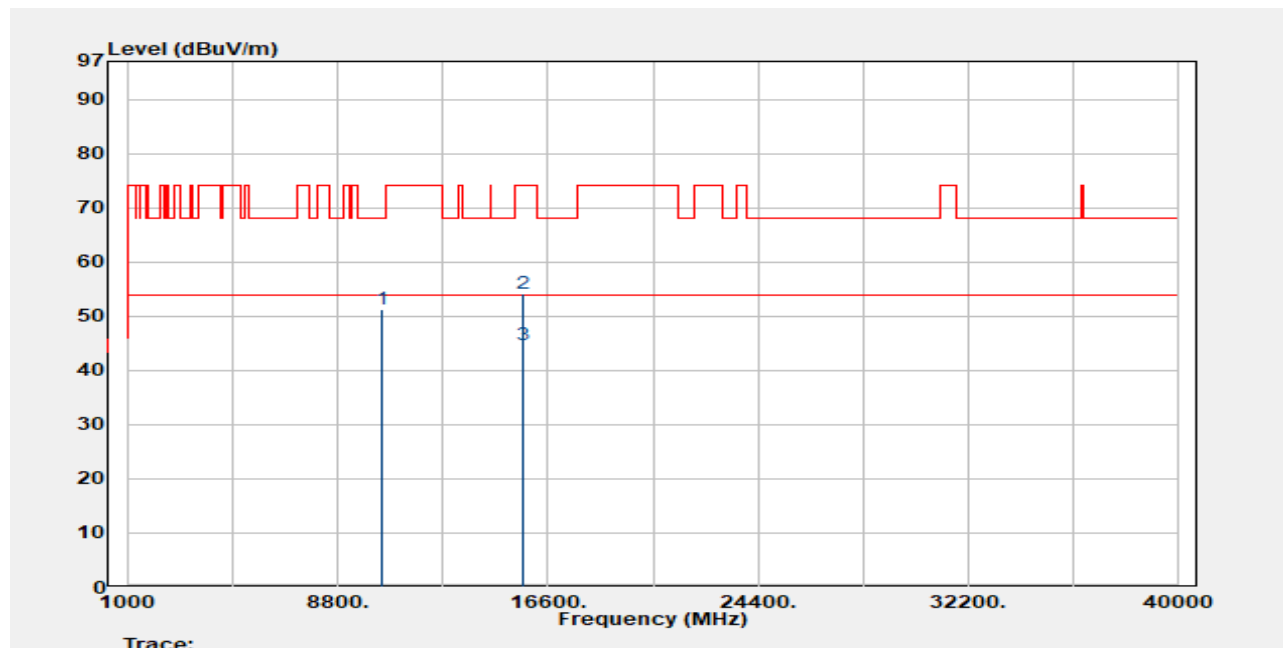
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10360.000	Peak	41.00	10.00	51.01	68.20	-17.19
15540.000	Peak	44.58	10.24	54.83	74.00	-19.17
15540.000	Average	35.58	10.24	45.82	54.00	-8.18

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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10440.000	Peak	41.41	9.95	51.36	68.20	-16.84
15660.000	Peak	45.10	9.11	54.20	74.00	-19.80
15660.000	Average	35.66	9.11	44.77	54.00	-9.23

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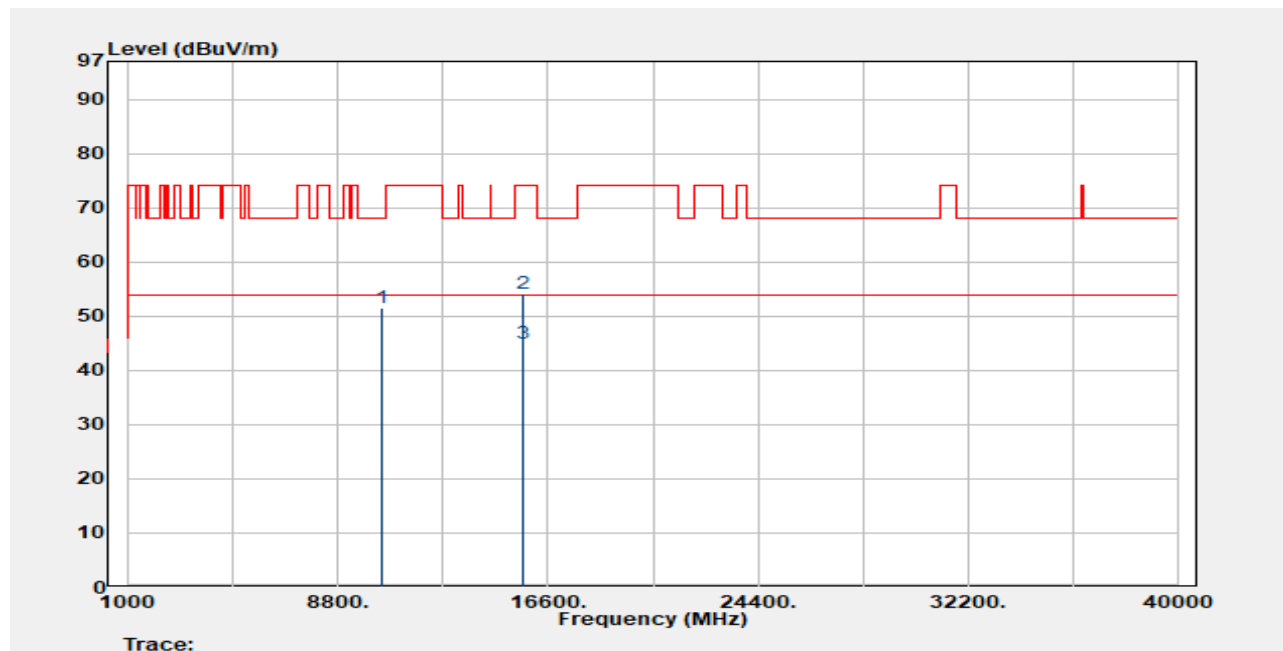
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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10440.000	Peak	41.46	9.95	51.41	68.20	-16.79
15660.000	Peak	45.18	9.11	54.28	74.00	-19.72
15660.000	Average	35.72	9.11	44.83	54.00	-9.17

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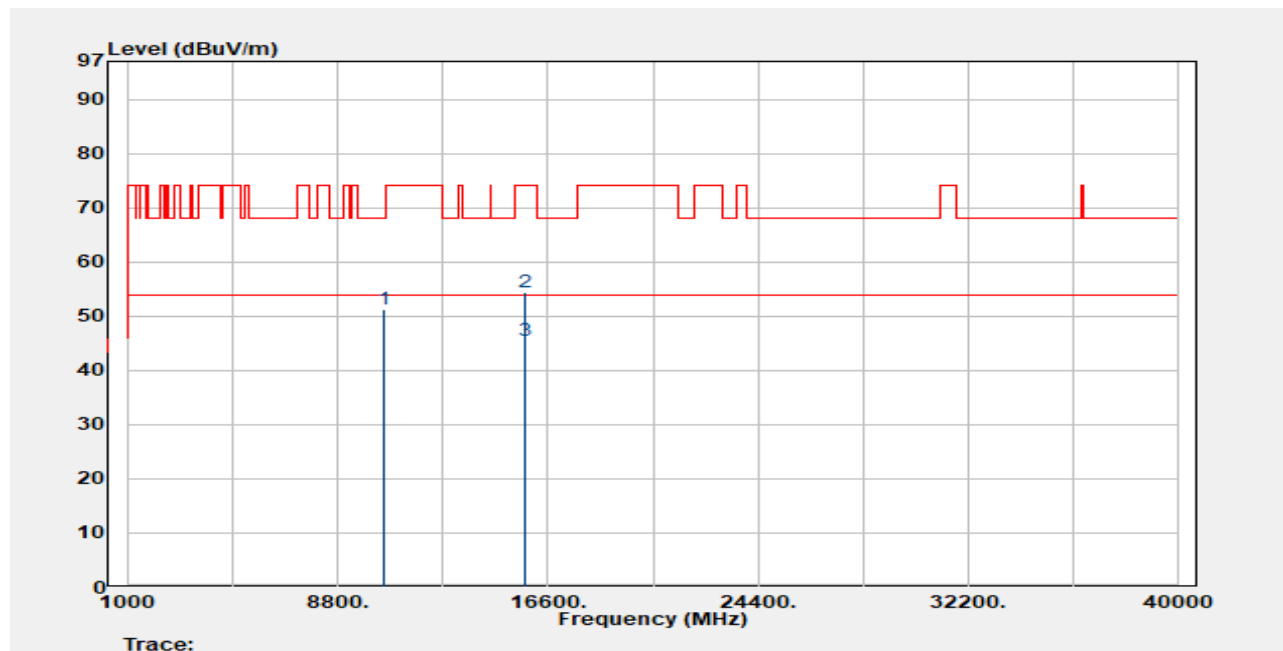
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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5240 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



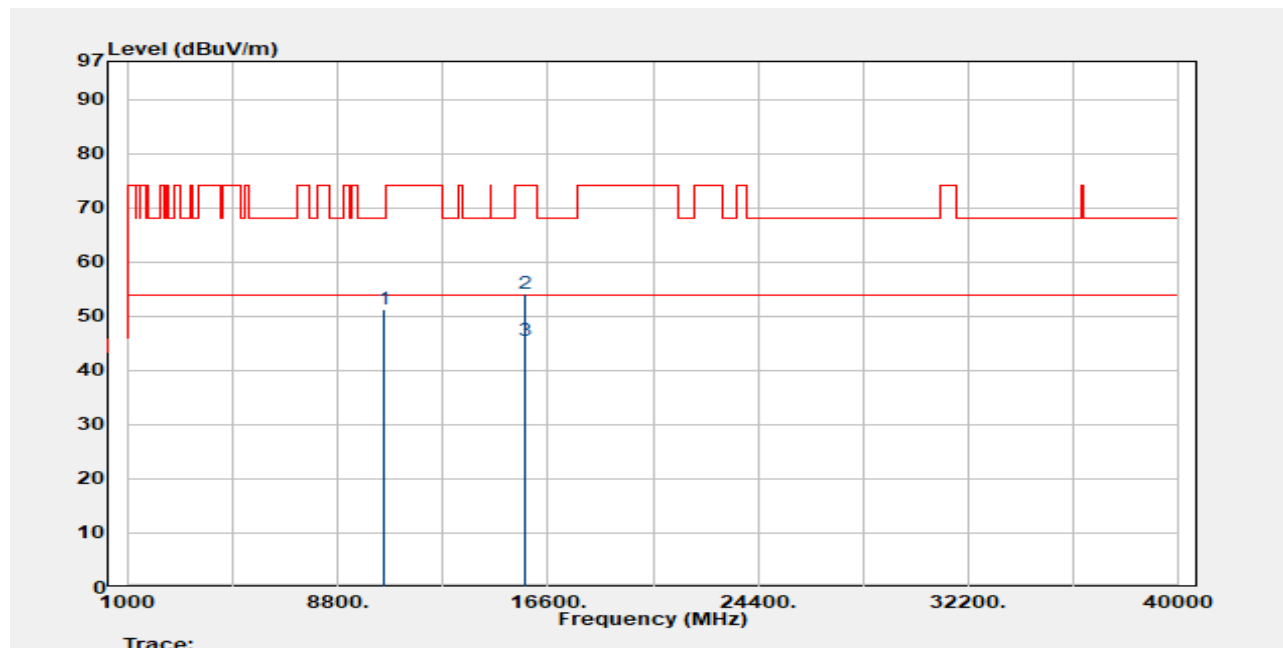
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10480.000	Peak	40.82	10.40	51.22	68.20	-16.98
15720.000	Peak	44.61	9.84	54.45	74.00	-19.55
15720.000	Average	35.68	9.84	45.52	54.00	-8.48

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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5240 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.000	Peak	40.82	10.40	51.22	68.20	-16.98
15720.000	Peak	44.21	9.84	54.05	74.00	-19.95
15720.000	Average	35.51	9.84	45.35	54.00	-8.65

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

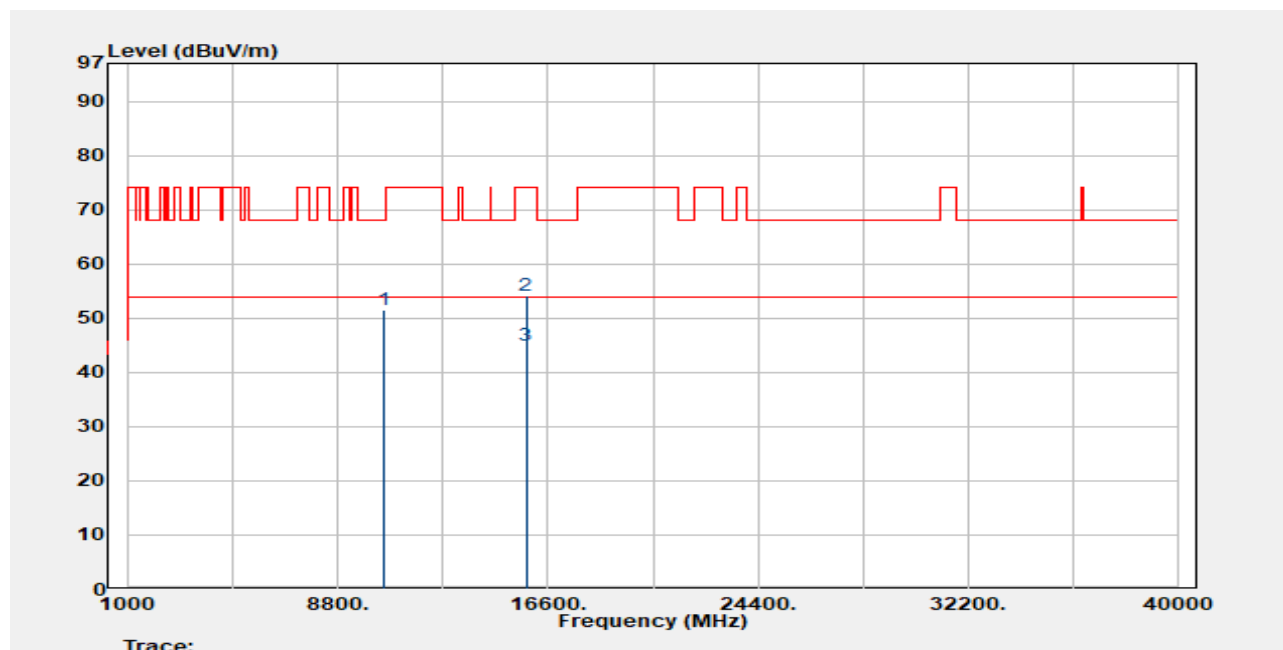
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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5260 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



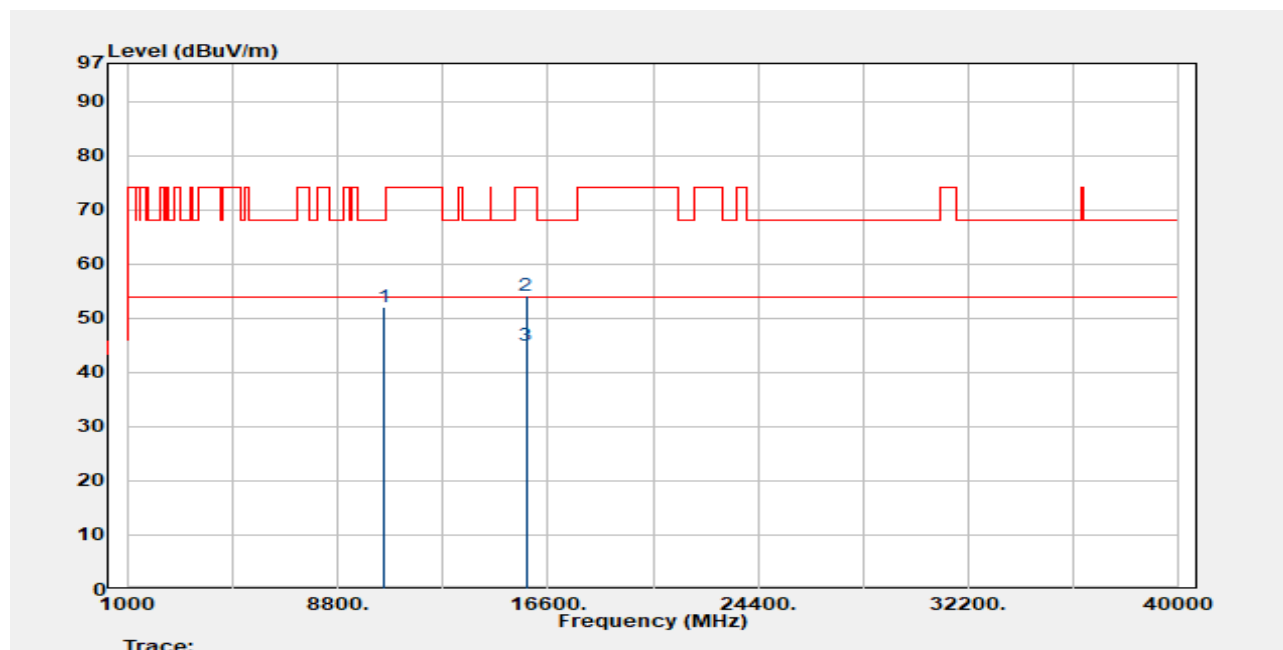
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.000	Peak	40.74	10.69	51.43	68.20	-16.77
15780.000	Peak	44.76	9.29	54.06	74.00	-19.94
15780.000	Average	35.59	9.29	44.88	54.00	-9.12

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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5260 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



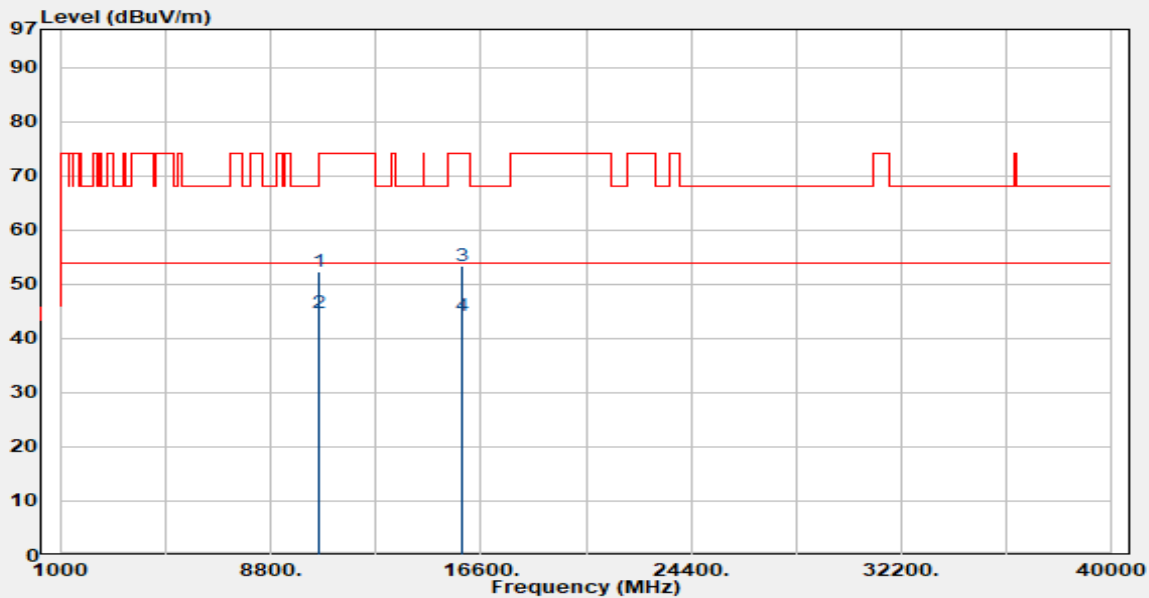
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10520.000	Peak	41.26	10.69	51.96	68.20	-16.24
15780.000	Peak	44.80	9.29	54.09	74.00	-19.91
15780.000	Average	35.66	9.29	44.95	54.00	-9.05

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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



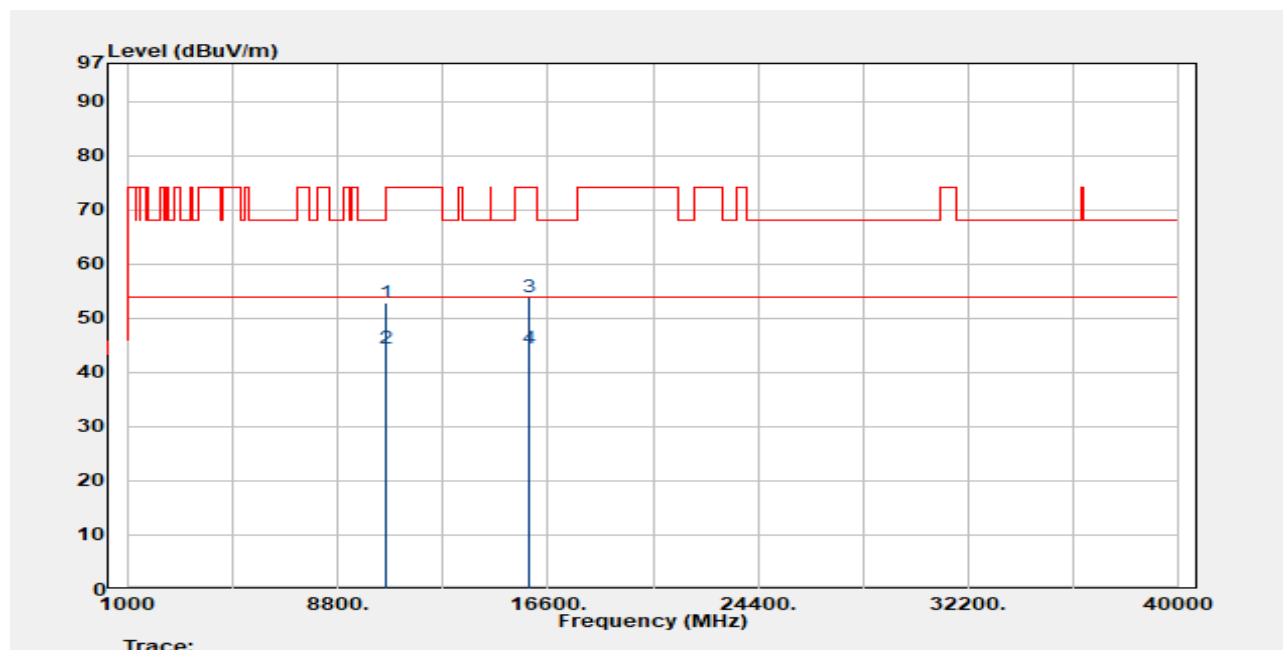
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10600.000	Peak	41.25	11.10	52.35	74.00	-21.65
10600.000	Average	33.69	11.10	44.79	54.00	-9.21
15900.000	Peak	44.53	8.71	53.24	74.00	-20.76
15900.000	Average	35.49	8.71	44.20	54.00	-9.80

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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



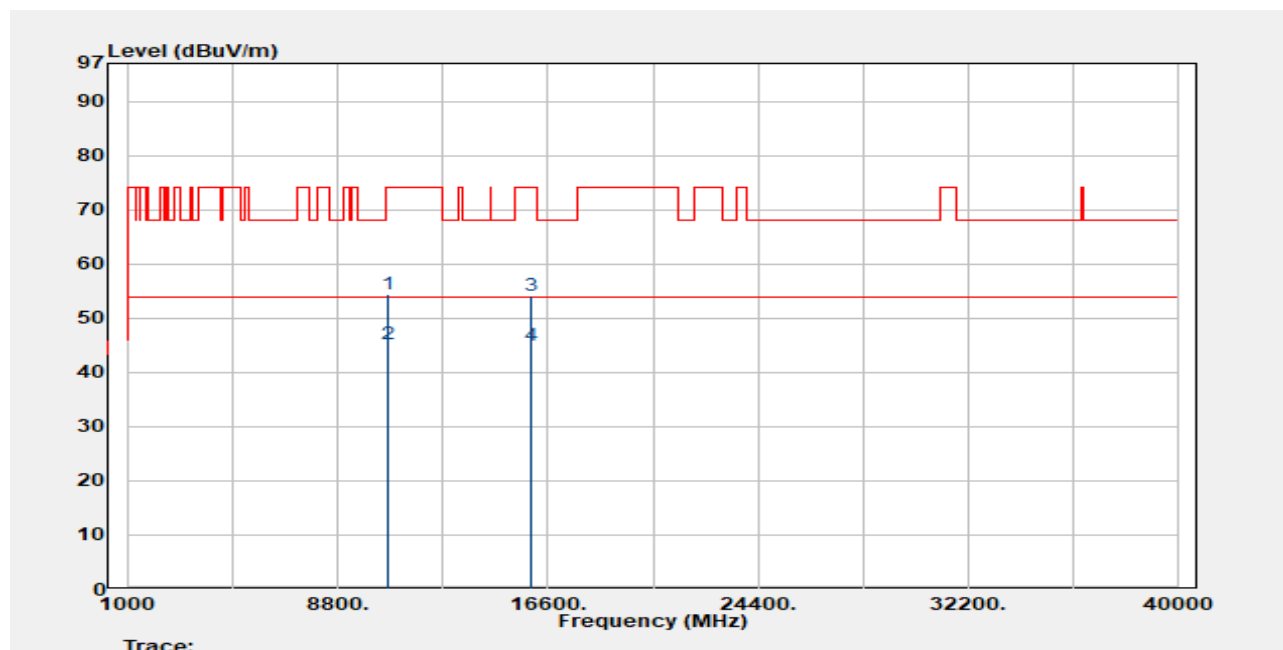
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10600.000	Peak	41.73	11.10	52.82	74.00	-21.18
10600.000	Average	33.26	11.10	44.36	54.00	-9.64
15900.000	Peak	45.04	8.71	53.76	74.00	-20.24
15900.000	Average	35.58	8.71	44.29	54.00	-9.71

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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5320 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



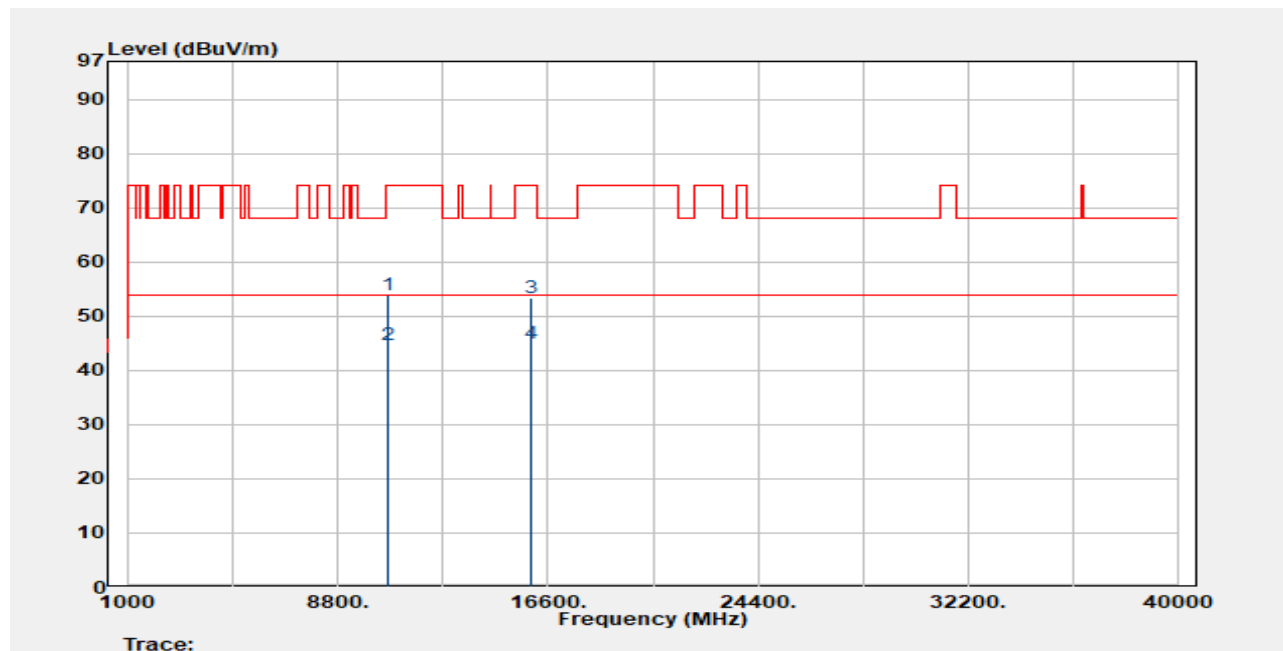
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10640.000	Peak	43.13	11.24	54.36	74.00	-19.64
10640.000	Average	33.98	11.24	45.22	54.00	-8.78
15960.000	Peak	44.73	9.29	54.02	74.00	-19.98
15960.000	Average	35.59	9.29	44.88	54.00	-9.12

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Report Number :TERF2304000928ER  
Operation Mode :802.11a  
Test Frequency :5320 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10640.000	Peak	42.76	11.24	54.00	74.00	-20.00
10640.000	Average	33.48	11.24	44.72	54.00	-9.28
15960.000	Peak	44.02	9.29	53.30	74.00	-20.70
15960.000	Average	35.69	9.29	44.98	54.00	-9.02

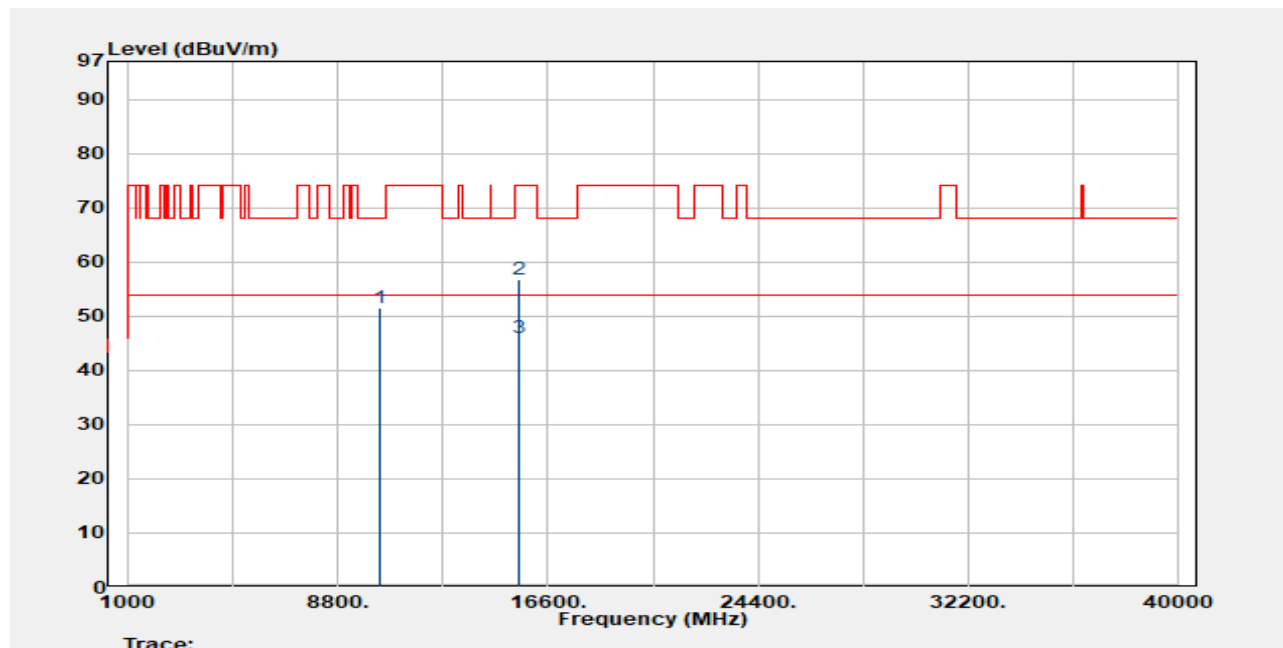
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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5180 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.000	Peak	41.62	10.00	51.62	68.20	-16.58
15540.000	Peak	46.61	10.24	56.85	74.00	-17.15
15540.000	Average	35.69	10.24	45.93	54.00	-8.07

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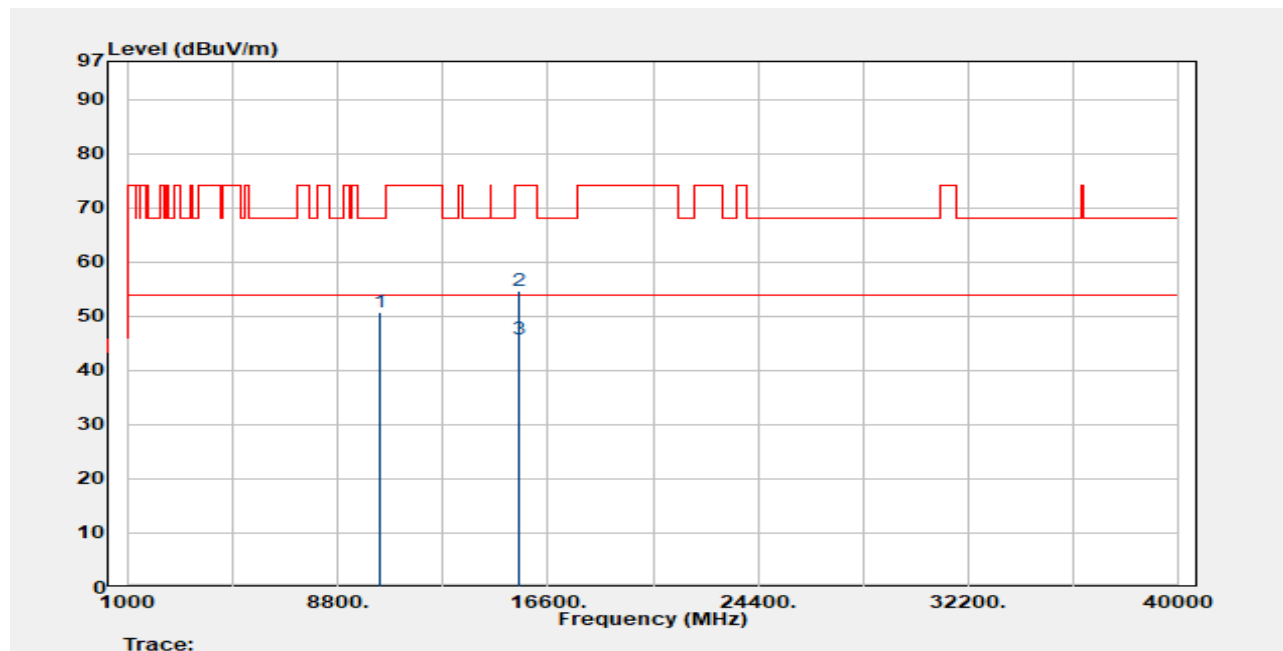
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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5180 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10360.000	Peak	40.77	10.00	50.77	68.20	-17.43
15540.000	Peak	44.53	10.24	54.77	74.00	-19.23
15540.000	Average	35.46	10.24	45.70	54.00	-8.30

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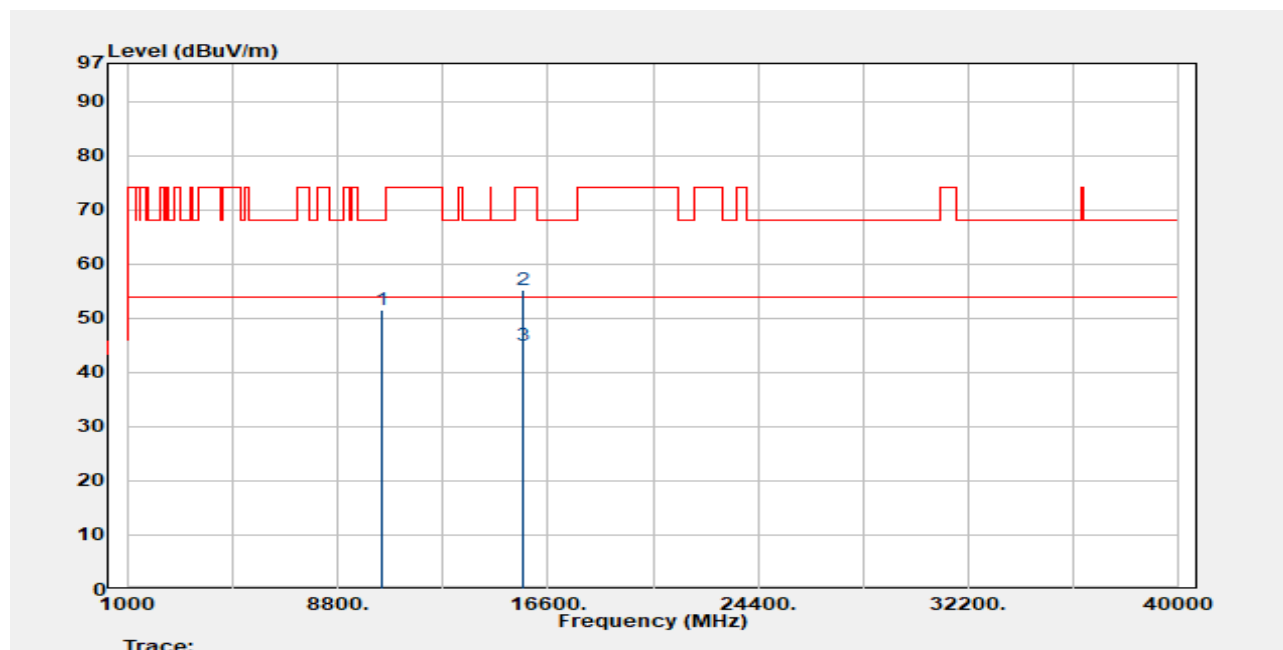
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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



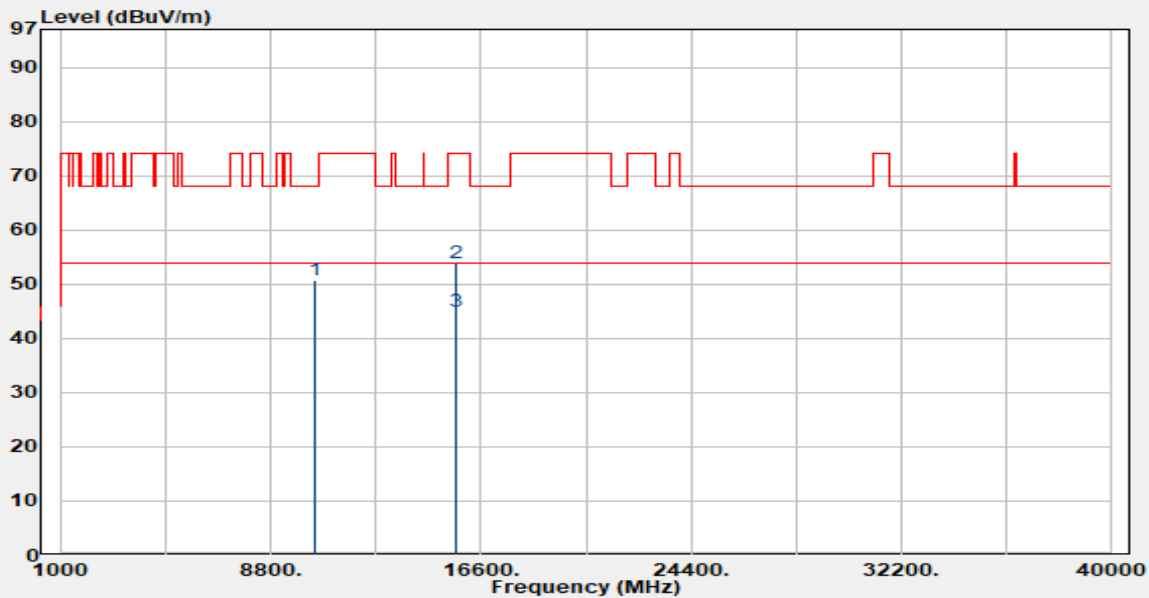
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10440.000	Peak	41.51	9.95	51.46	68.20	-16.74
15660.000	Peak	46.09	9.11	55.20	74.00	-18.80
15660.000	Average	35.76	9.11	44.87	54.00	-9.13

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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



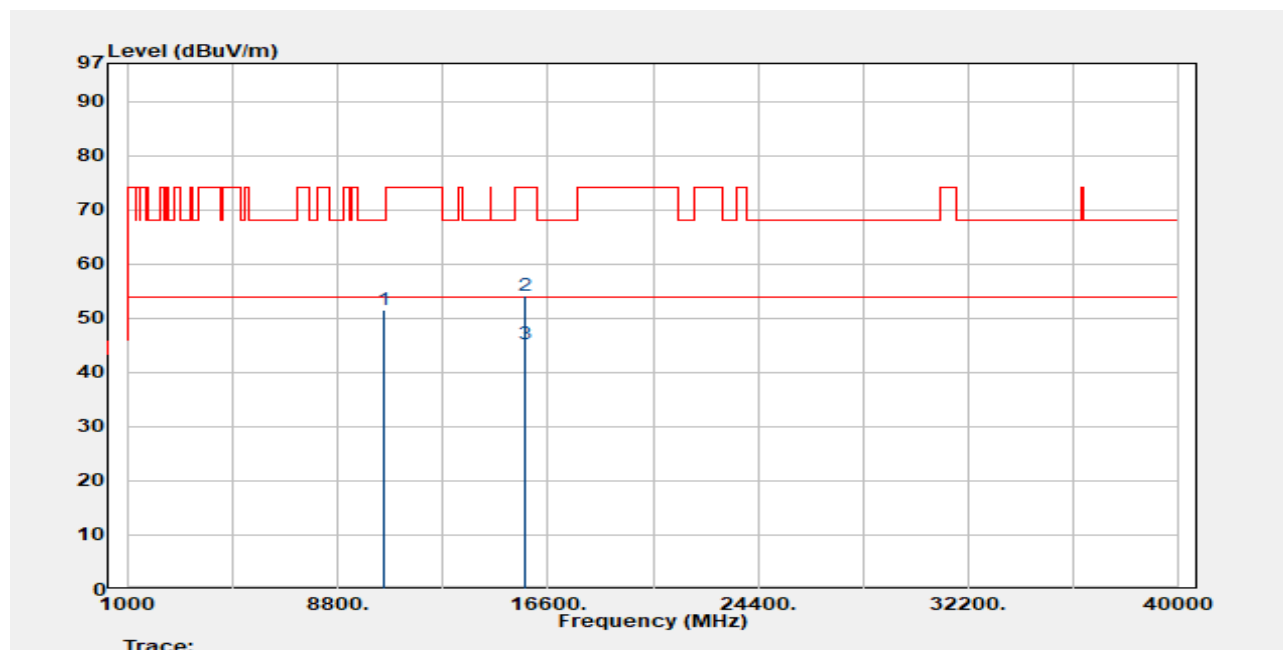
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10440.000	Peak	40.86	9.95	50.81	68.20	-17.39
15660.000	Peak	44.86	9.11	53.97	74.00	-20.03
15660.000	Average	35.78	9.11	44.89	54.00	-9.11

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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5240 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



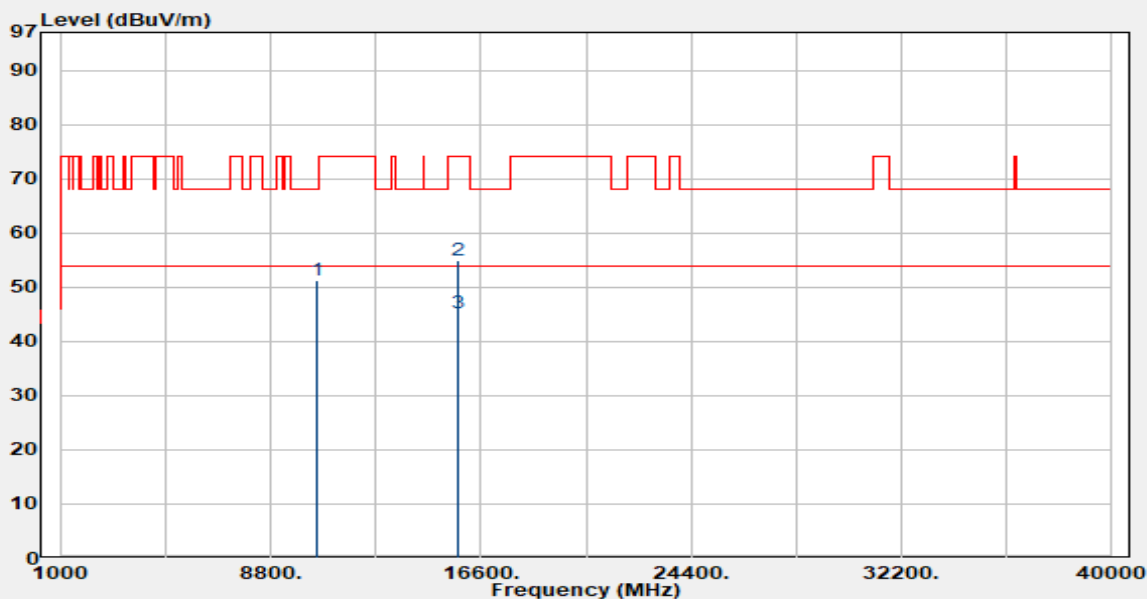
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.000	Peak	41.04	10.40	51.44	68.20	-16.76
15720.000	Peak	44.32	9.84	54.16	74.00	-19.84
15720.000	Average	35.46	9.84	45.30	54.00	-8.70

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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5240 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



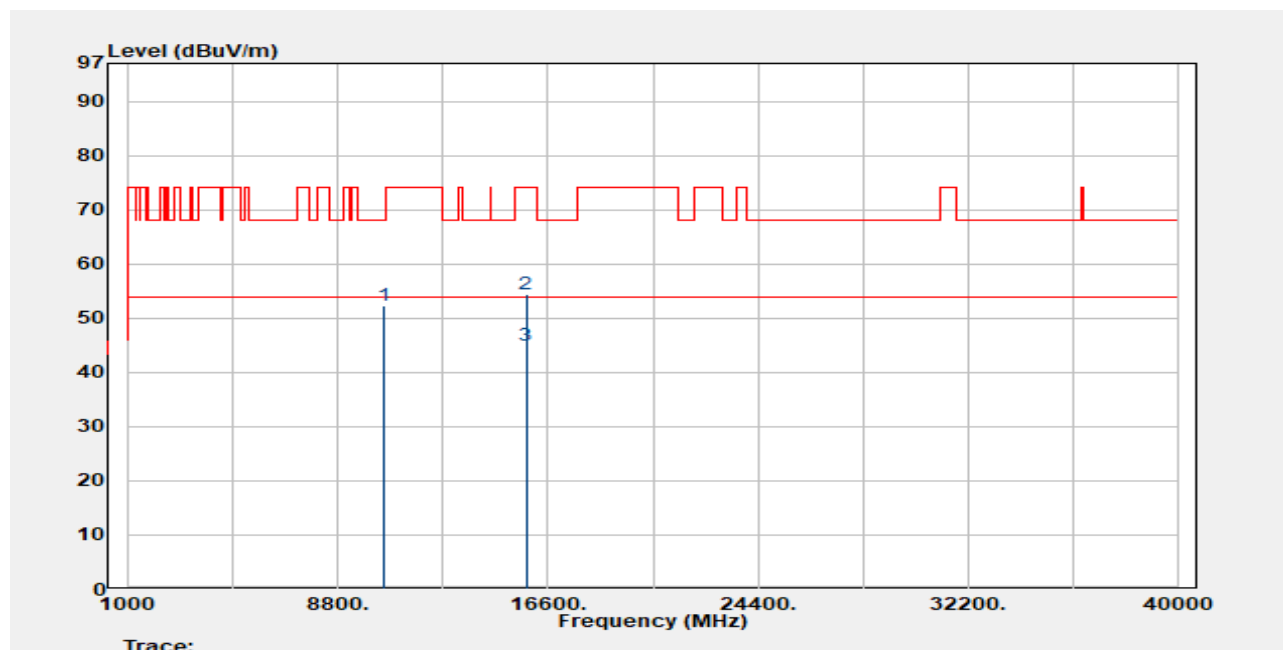
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10480.000	Peak	40.80	10.40	51.20	68.20	-17.00
15720.000	Peak	45.19	9.84	55.02	74.00	-18.98
15720.000	Average	35.45	9.84	45.29	54.00	-8.71

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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5260 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



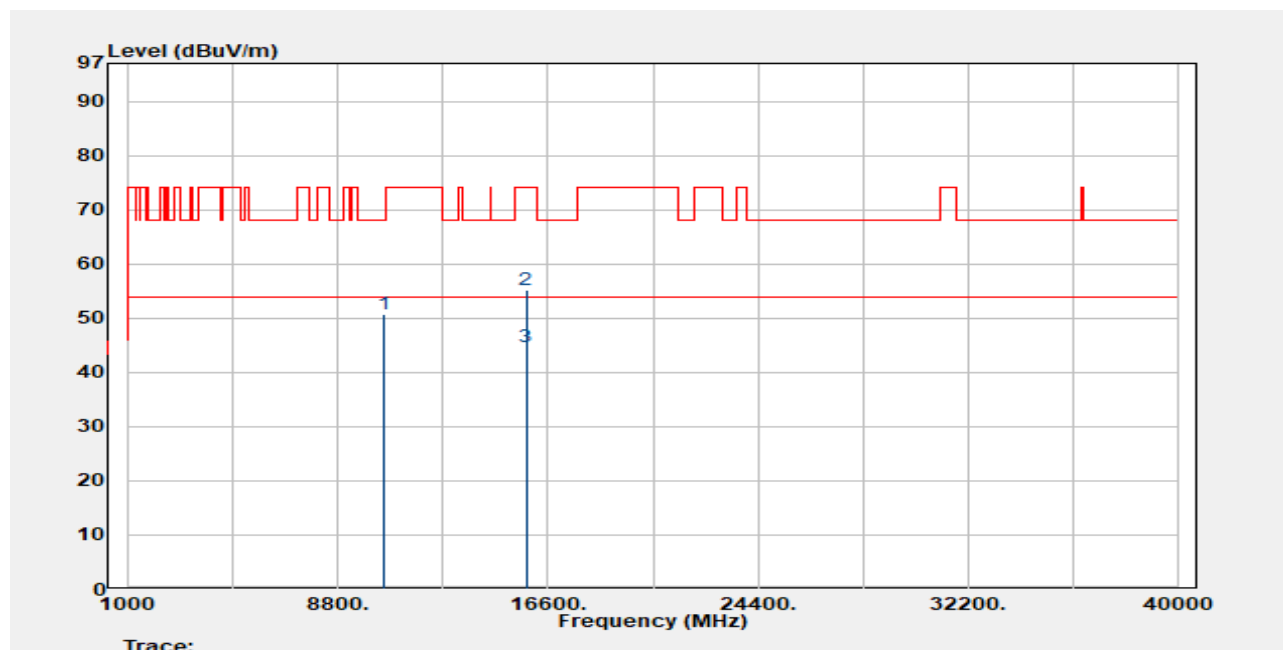
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10520.000	Peak	41.52	10.69	52.21	68.20	-15.99
15780.000	Peak	45.07	9.29	54.36	74.00	-19.64
15780.000	Average	35.53	9.29	44.82	54.00	-9.18

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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5260 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10520.000	Peak	40.13	10.69	50.82	68.20	-17.38
15780.000	Peak	45.79	9.29	55.08	74.00	-18.92
15780.000	Average	35.52	9.29	44.81	54.00	-9.19

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f (886-2) 2298-0488

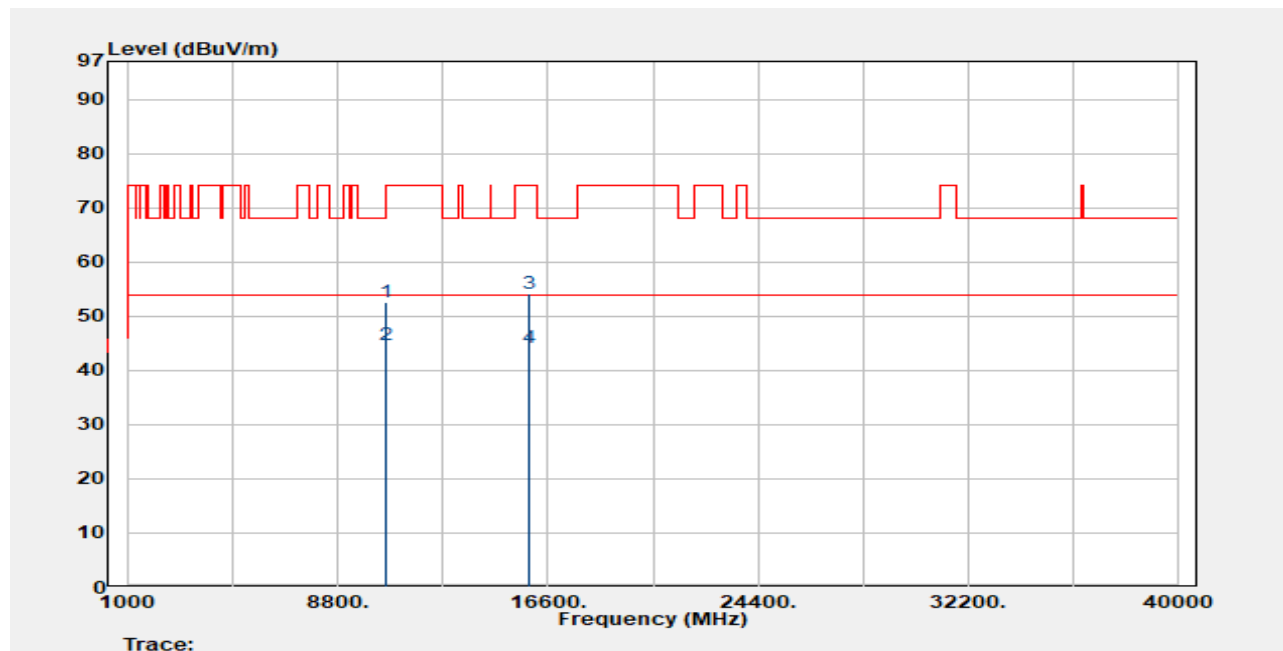
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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10600.000	Peak	41.51	11.10	52.61	74.00	-21.39
10600.000	Average	33.56	11.10	44.66	54.00	-9.34
15900.000	Peak	45.40	8.71	54.12	74.00	-19.88
15900.000	Average	35.46	8.71	44.17	54.00	-9.83

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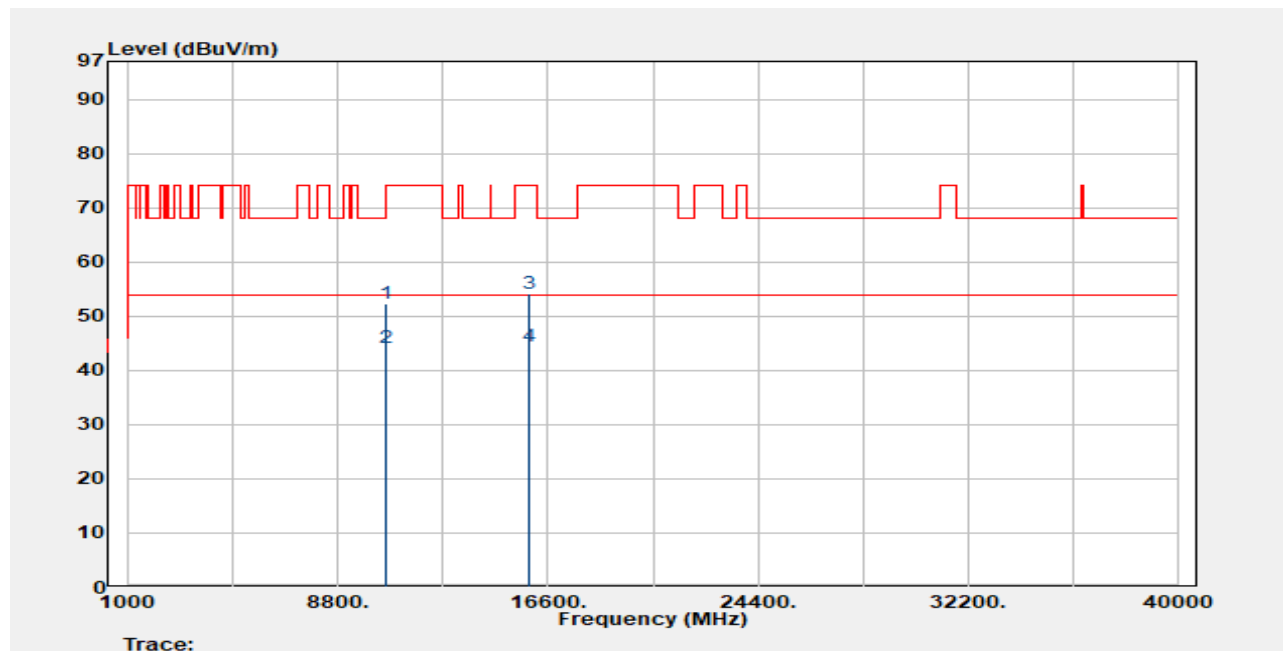
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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10600.000	Peak	41.14	11.10	52.24	74.00	-21.76
10600.000	Average	33.12	11.10	44.22	54.00	-9.78
15900.000	Peak	45.51	8.71	54.23	74.00	-19.77
15900.000	Average	35.66	8.71	44.37	54.00	-9.63

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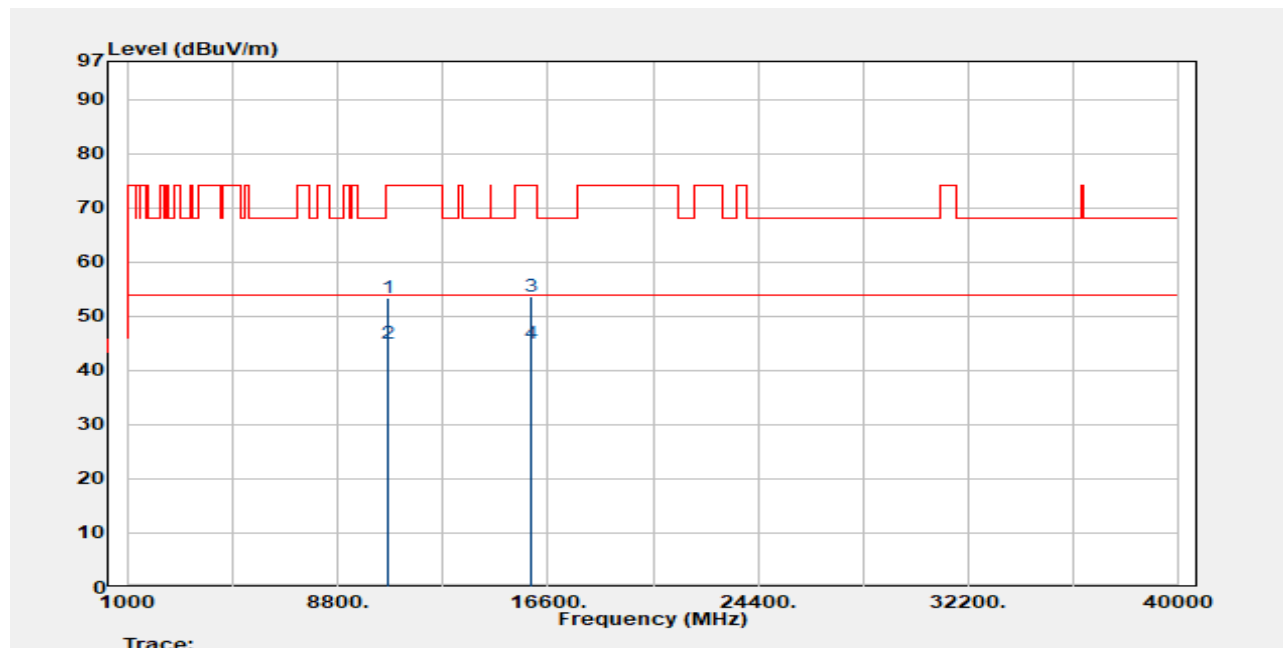
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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5320 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



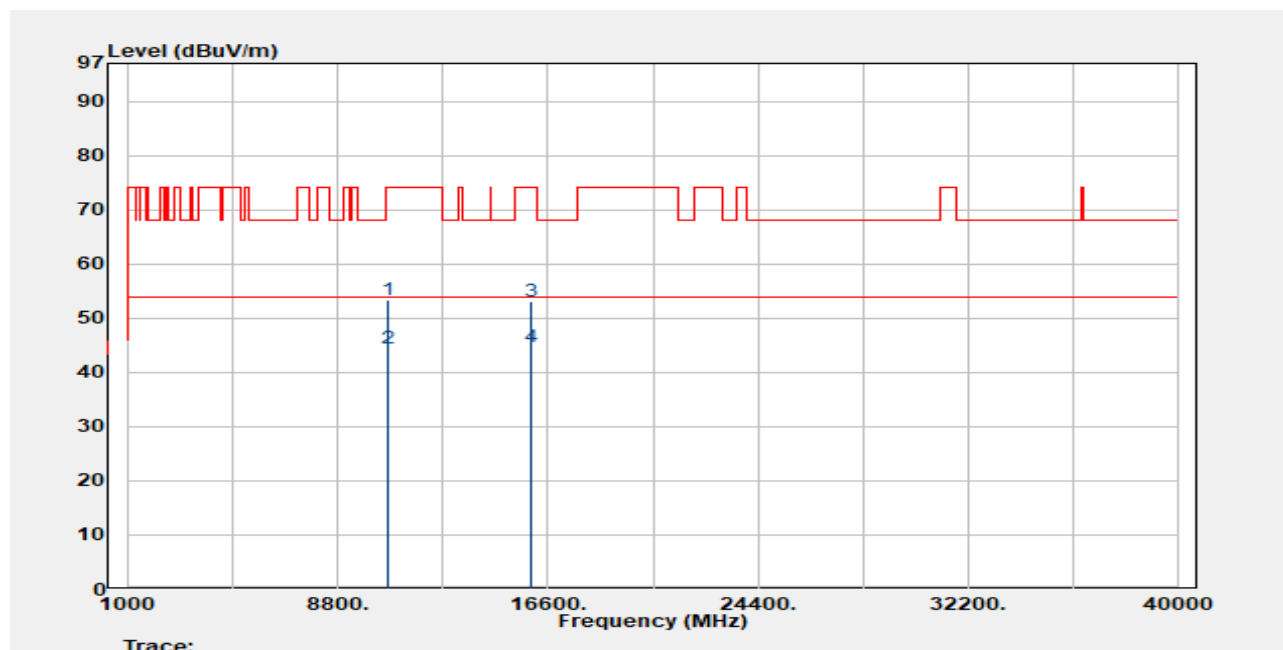
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10640.000	Peak	42.17	11.24	53.40	74.00	-20.60
10640.000	Average	33.65	11.24	44.89	54.00	-9.11
15960.000	Peak	44.33	9.29	53.61	74.00	-20.39
15960.000	Average	35.55	9.29	44.84	54.00	-9.16

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Report Number :TERF2304000928ER  
Operation Mode :802.11n20  
Test Frequency :5320 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10640.000	Peak	42.10	11.24	53.34	74.00	-20.66
10640.000	Average	33.28	11.24	44.52	54.00	-9.48
15960.000	Peak	43.76	9.29	53.04	74.00	-20.96
15960.000	Average	35.49	9.29	44.78	54.00	-9.22

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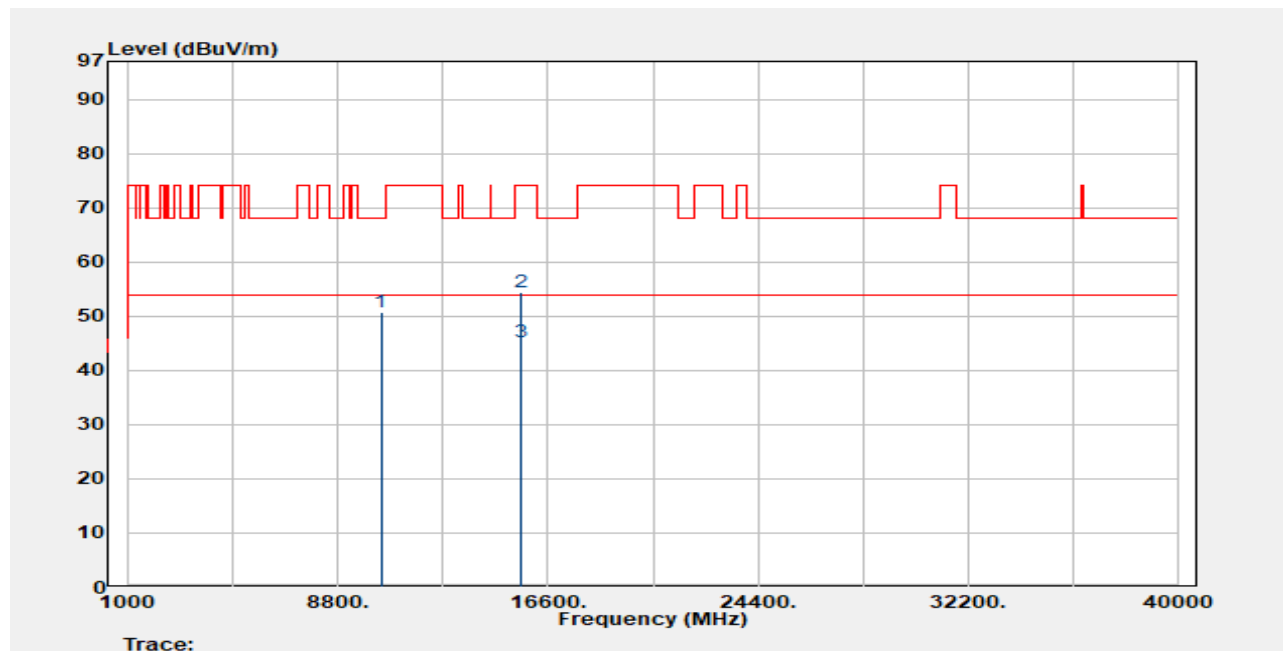
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Report Number :TERF2304000928ER  
Operation Mode :802.11n40  
Test Frequency :5190 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



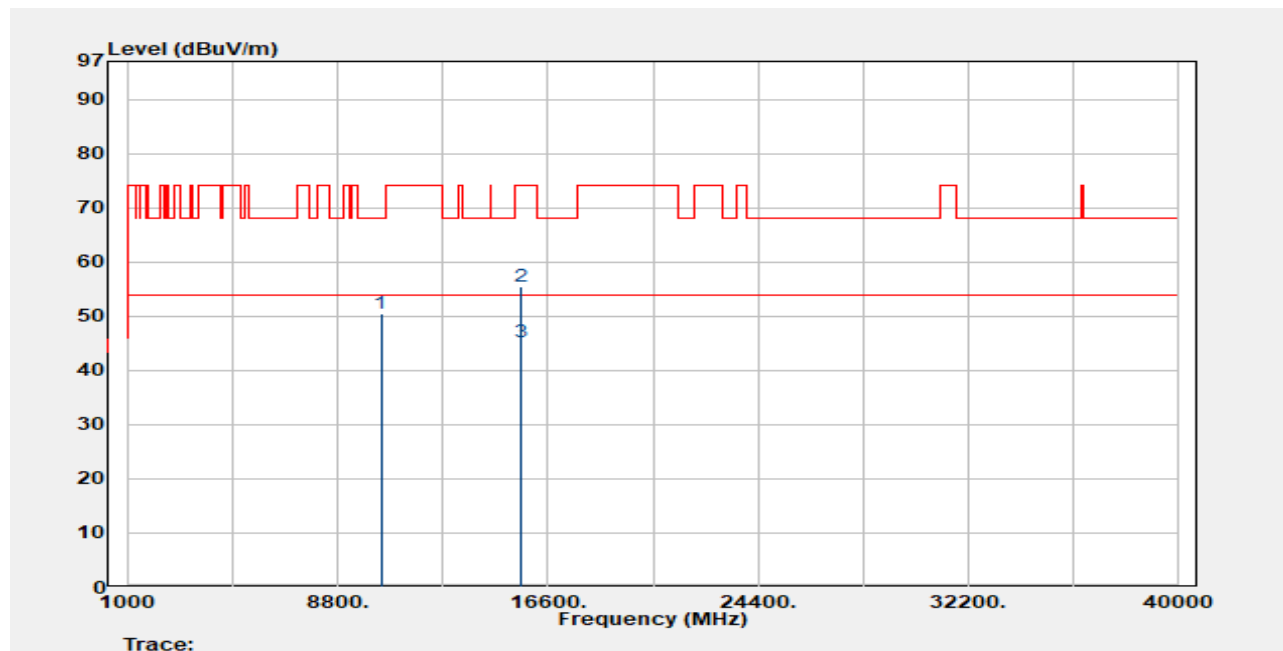
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d $\mu$ V	Factor dB	Actual FS d $\mu$ V/m	Limit @3m d $\mu$ V/m	Margin dB
10380.000	Peak	40.73	10.06	50.80	68.20	-17.40
15570.000	Peak	44.37	9.92	54.29	74.00	-19.71
15570.000	Average	35.33	9.92	45.25	54.00	-8.75

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Report Number :TERF2304000928ER  
Operation Mode :802.11n40  
Test Frequency :5190 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



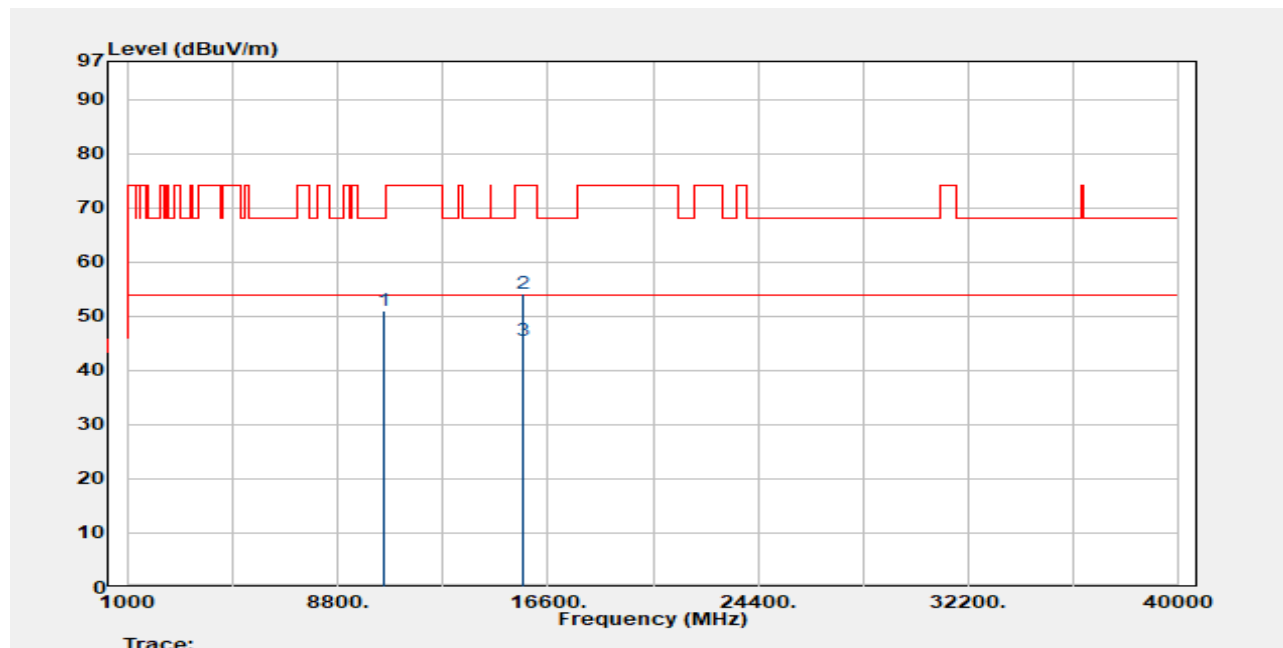
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10380.000	Peak	40.29	10.06	50.35	68.20	-17.85
15570.000	Peak	45.60	9.92	55.52	74.00	-18.48
15570.000	Average	35.28	9.92	45.20	54.00	-8.80

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Report Number :TERF2304000928ER  
Operation Mode :802.11n40  
Test Frequency :5230 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



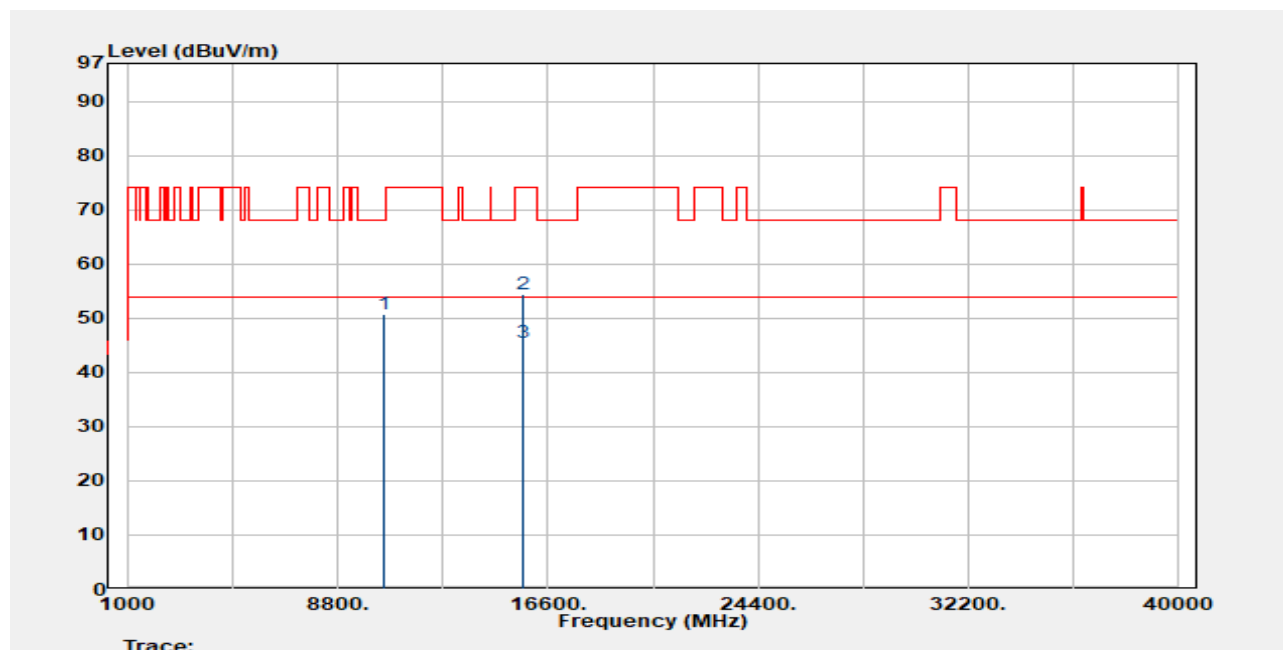
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10460.000	Peak	40.85	10.07	50.92	68.20	-17.28
15690.000	Peak	44.24	9.88	54.13	74.00	-19.87
15690.000	Average	35.52	9.88	45.40	54.00	-8.60

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Report Number :TERF2304000928ER  
Operation Mode :802.11n40  
Test Frequency :5230 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10460.000	Peak	40.79	10.07	50.86	68.20	-17.34
15690.000	Peak	44.41	9.88	54.30	74.00	-19.70
15690.000	Average	35.62	9.88	45.50	54.00	-8.50

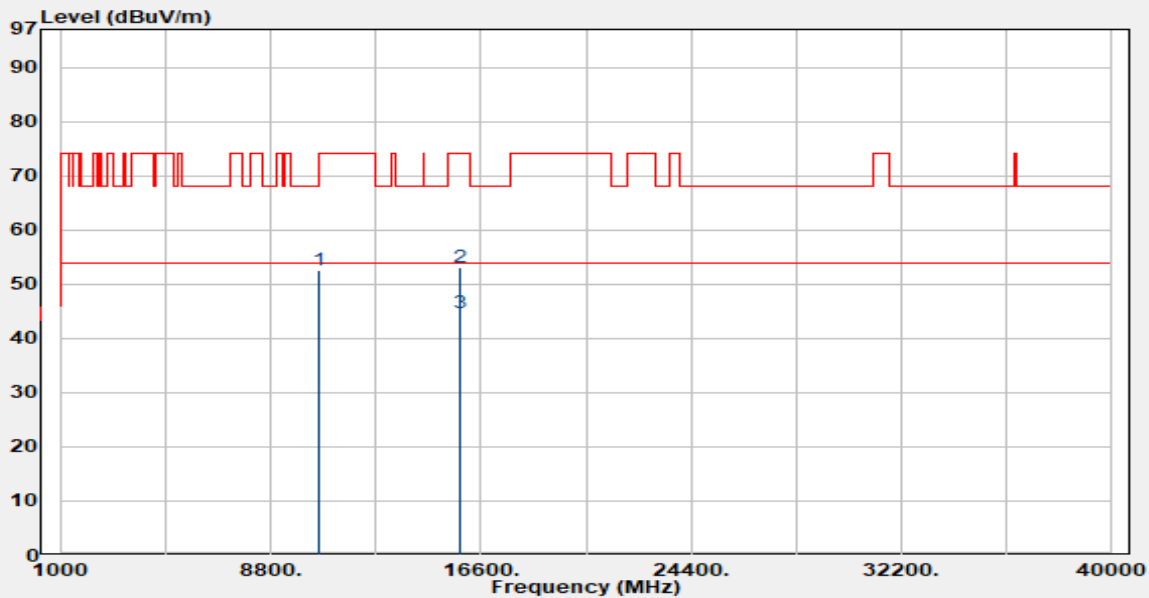
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Report Number :TERF2304000928ER  
Operation Mode :802.11n40  
Test Frequency :5270 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



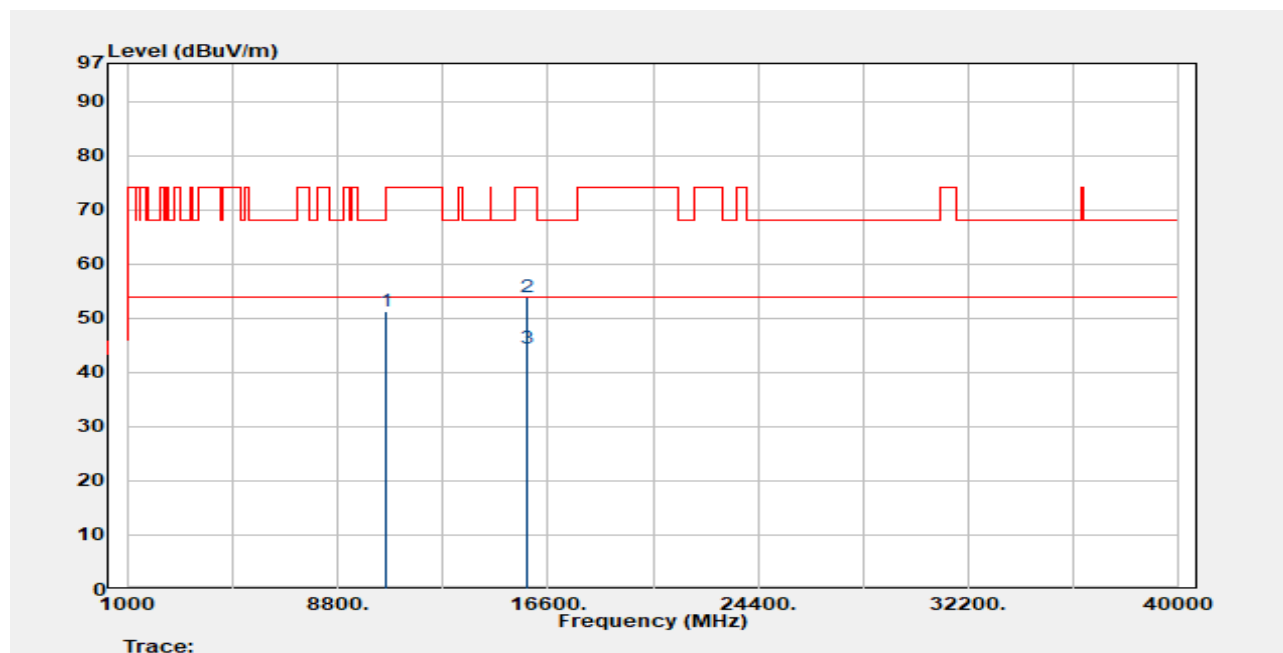
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10540.000	Peak	41.92	10.65	52.57	68.20	-15.63
15810.000	Peak	44.02	9.10	53.12	74.00	-20.88
15810.000	Average	35.51	9.10	44.61	54.00	-9.39

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Report Number :TERF2304000928ER  
Operation Mode :802.11n40  
Test Frequency :5270 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



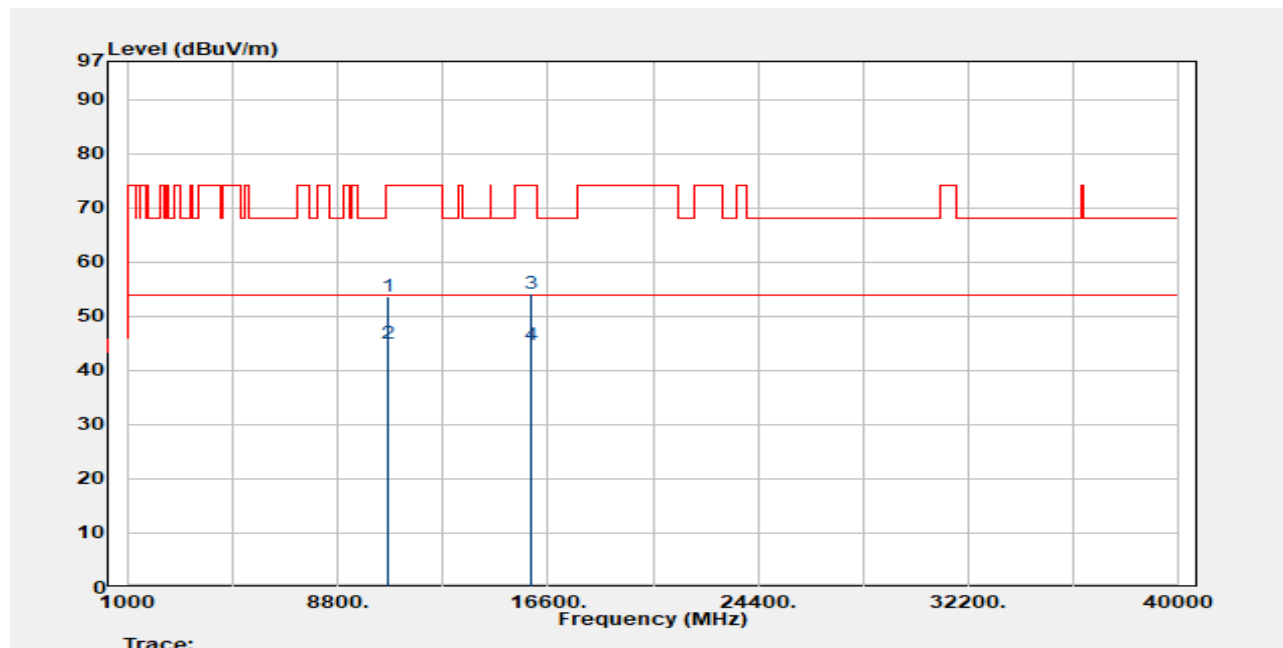
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10540.000	Peak	40.55	10.65	51.20	68.20	-17.00
15810.000	Peak	44.81	9.10	53.90	74.00	-20.10
15810.000	Average	35.46	9.10	44.56	54.00	-9.44

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Report Number :TERF2304000928ER  
Operation Mode :802.11n40  
Test Frequency :5310 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



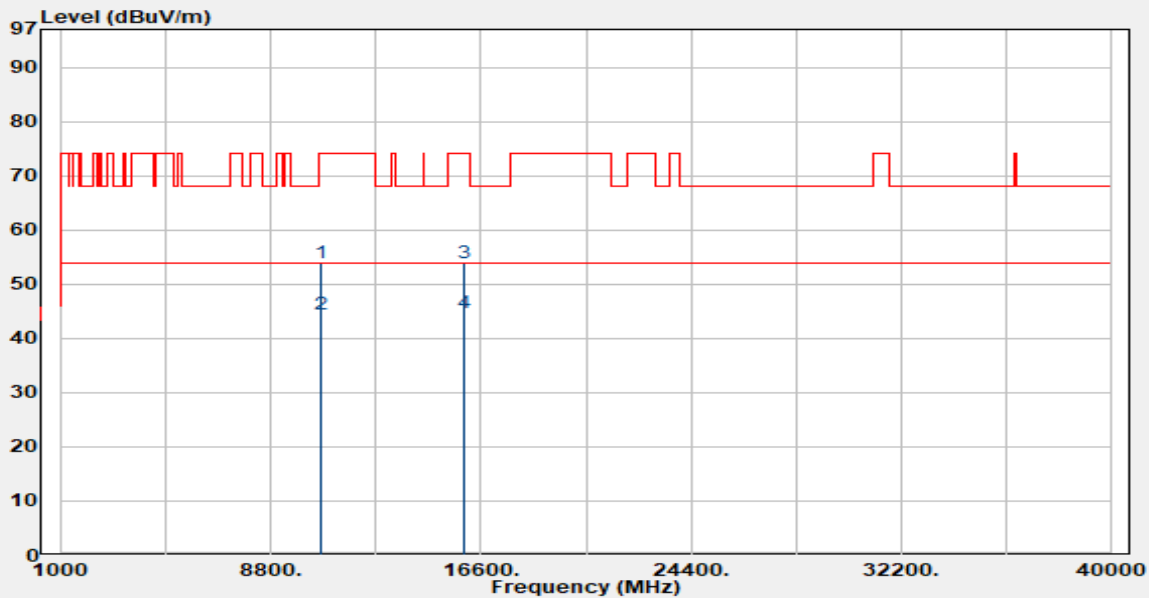
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10620.000	Peak	42.57	11.17	53.73	74.00	-20.27
10620.000	Average	33.72	11.17	44.89	54.00	-9.11
15930.000	Peak	44.99	9.07	54.07	74.00	-19.93
15930.000	Average	35.58	9.07	44.65	54.00	-9.35

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Report Number :TERF2304000928ER  
Operation Mode :802.11n40  
Test Frequency :5310 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



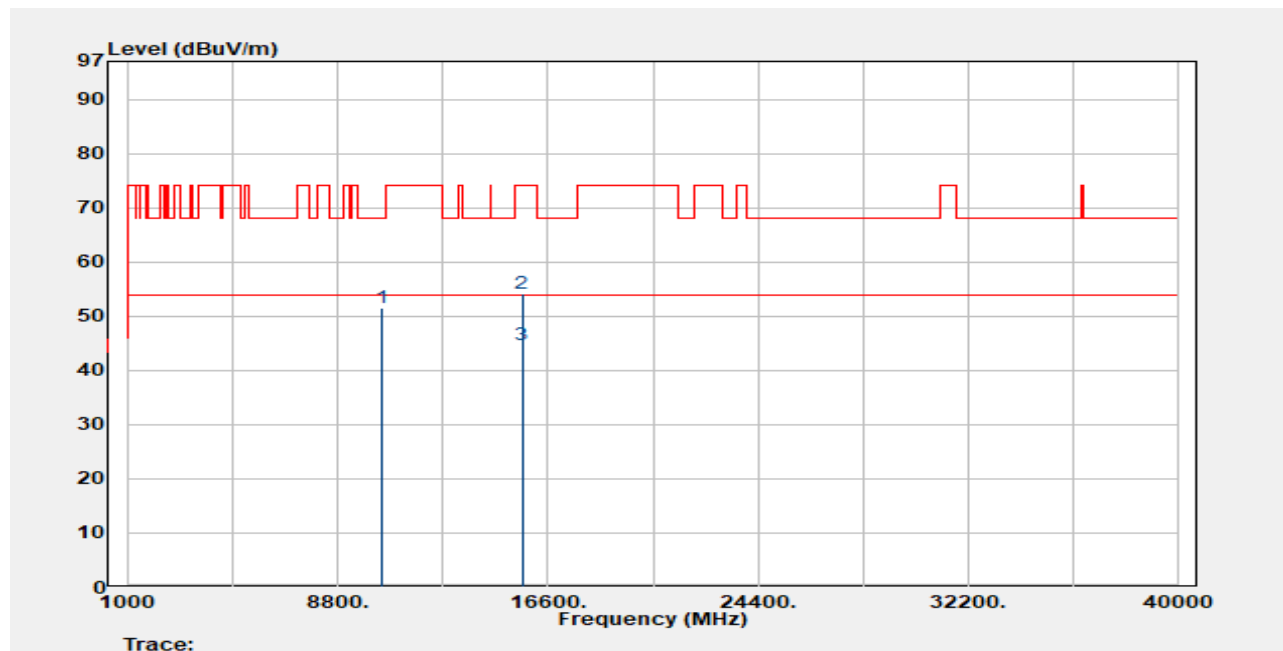
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10620.000	Peak	42.84	11.17	54.01	74.00	-19.99
10620.000	Average	33.32	11.17	44.49	54.00	-9.51
15930.000	Peak	44.93	9.07	54.00	74.00	-20.00
15930.000	Average	35.69	9.07	44.76	54.00	-9.24

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Report Number :TERF2304000928ER  
Operation Mode :802.11ac80  
Test Frequency :5210 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



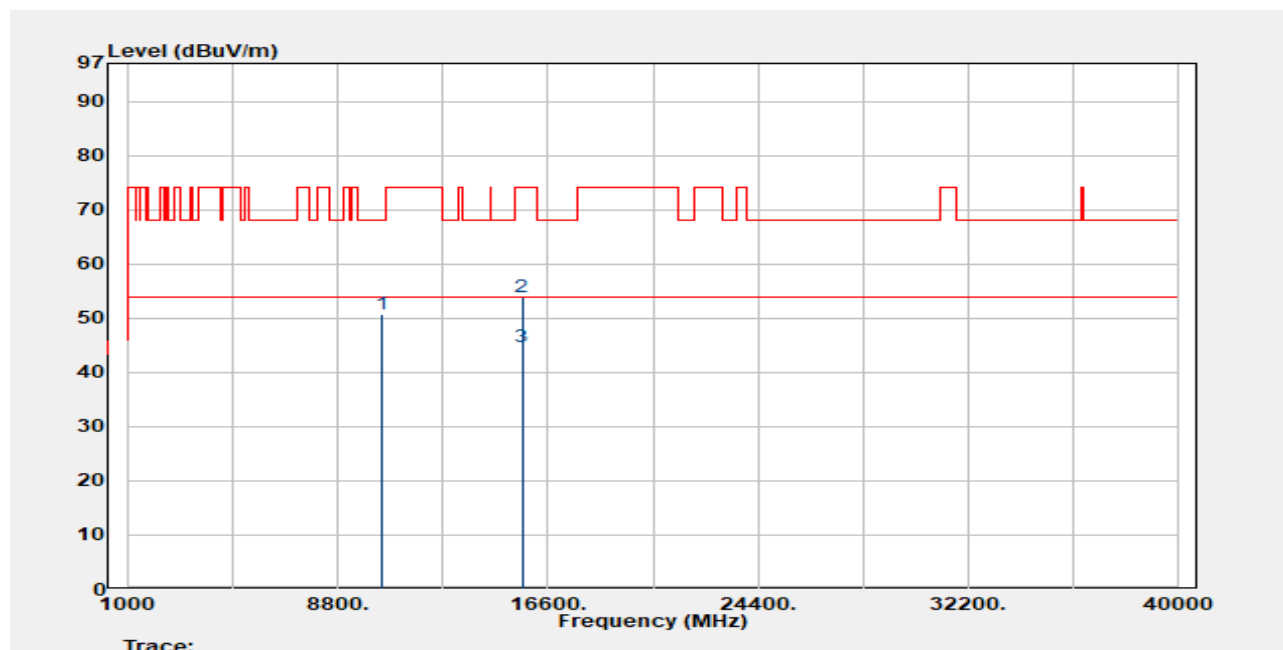
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10420.000	Peak	41.39	10.04	51.42	68.20	-16.78
15630.000	Peak	45.00	9.13	54.13	74.00	-19.87
15630.000	Average	35.46	9.13	44.59	54.00	-9.41

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Report Number :TERF2304000928ER  
Operation Mode :802.11ac80  
Test Frequency :5210 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



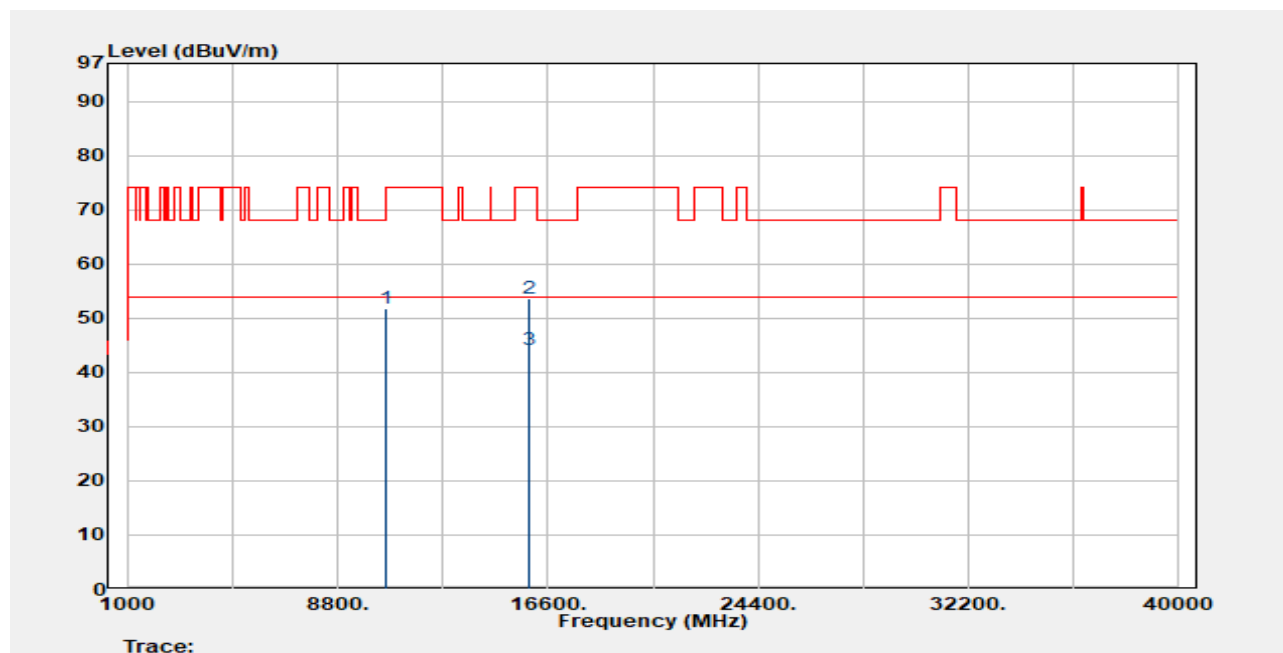
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10420.000	Peak	40.78	10.04	50.82	68.20	-17.38
15630.000	Peak	44.83	9.13	53.96	74.00	-20.04
15630.000	Average	35.44	9.13	44.57	54.00	-9.43

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Report Number :TERF2304000928ER  
Operation Mode :802.11ac80  
Test Frequency :5290 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



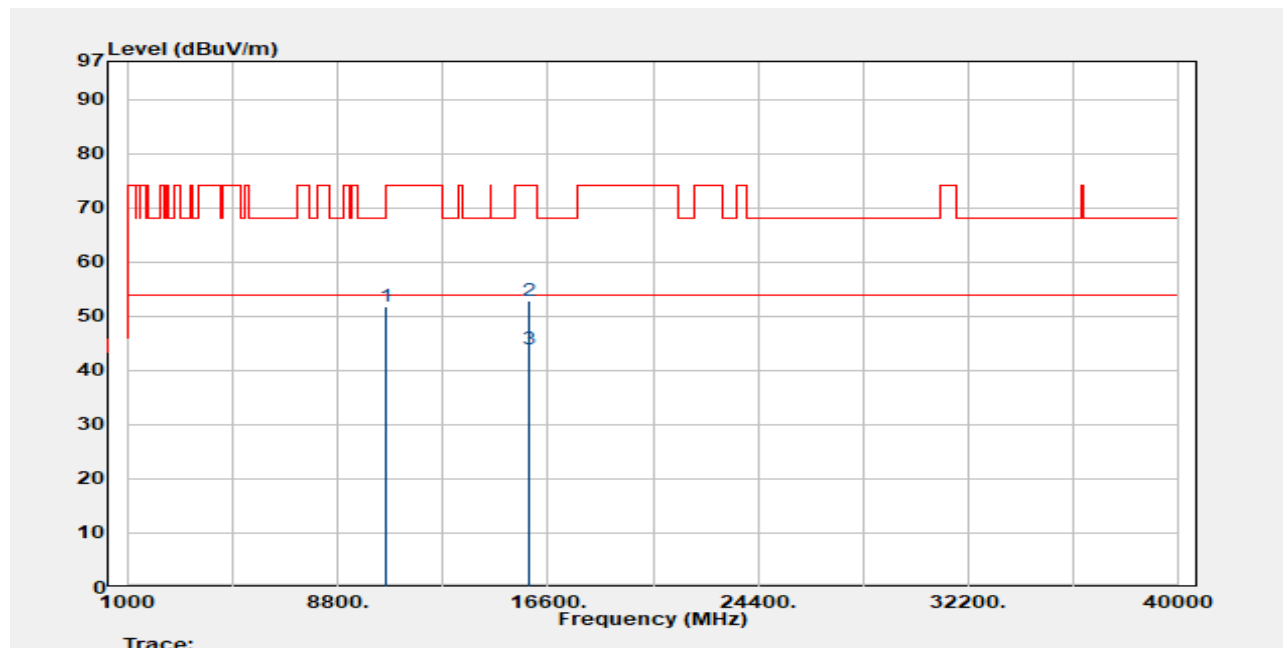
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10580.000	Peak	40.98	10.91	51.89	68.20	-16.31
15870.000	Peak	44.89	8.63	53.52	74.00	-20.48
15870.000	Average	35.45	8.63	44.08	54.00	-9.92

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Report Number :TERF2304000928ER  
Operation Mode :802.11ac80  
Test Frequency :5290 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10580.000	Peak	40.83	10.91	51.75	68.20	-16.45
15870.000	Peak	44.15	8.63	52.78	74.00	-21.22
15870.000	Average	35.26	8.63	43.89	54.00	-10.11

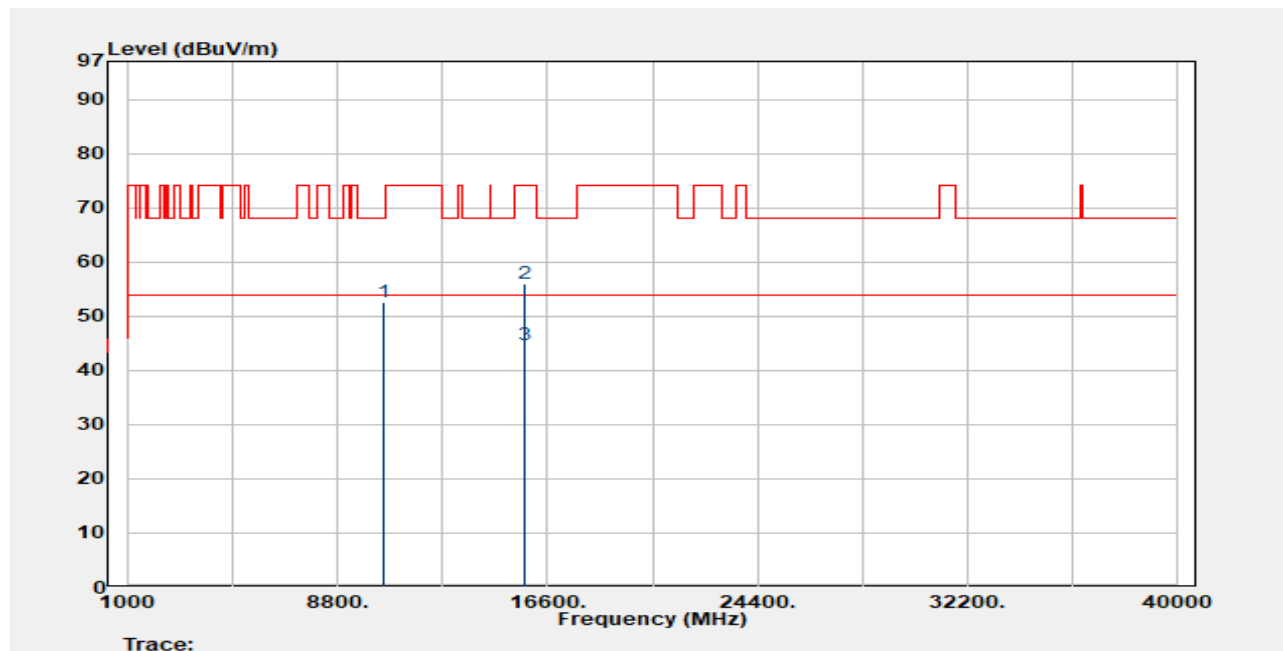
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Report Number :TERF2304000928ER  
Operation Mode :802.11ac160  
Test Frequency :5250 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



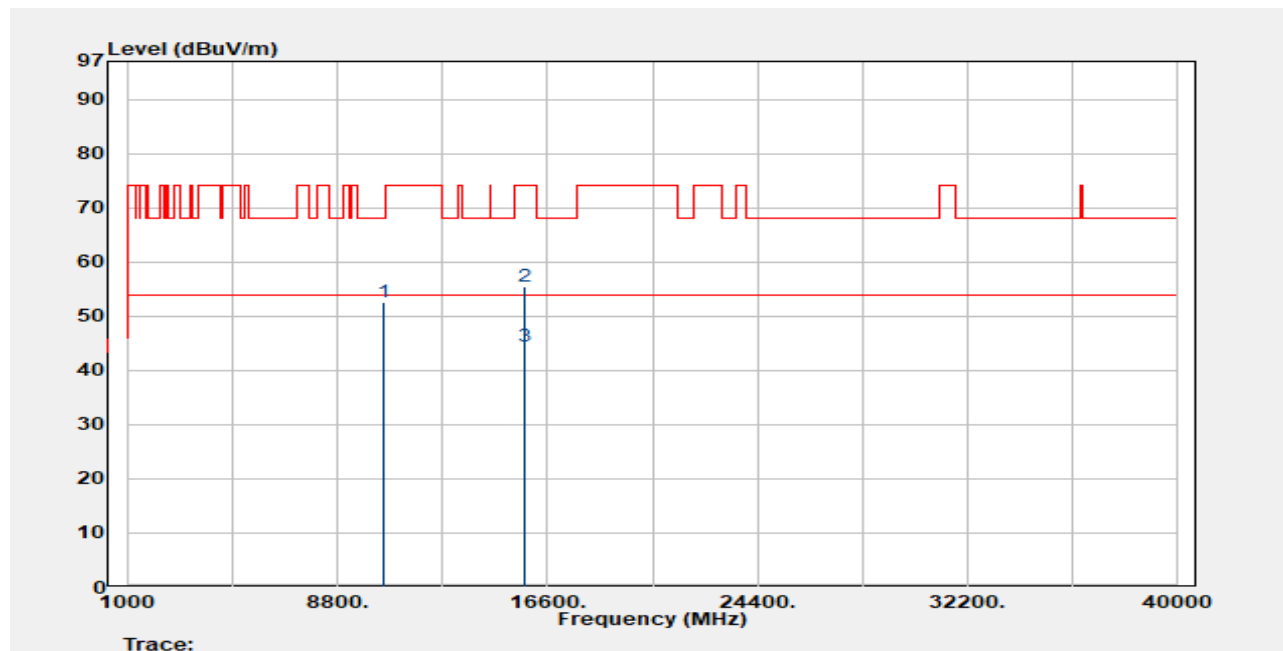
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10500.000	Peak	41.86	10.73	52.59	68.20	-15.61
15750.000	Peak	46.58	9.39	55.96	74.00	-18.04
15750.000	Average	35.25	9.39	44.64	54.00	-9.36

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Report Number :TERF2304000928ER  
Operation Mode :802.11ac160  
Test Frequency :5250 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



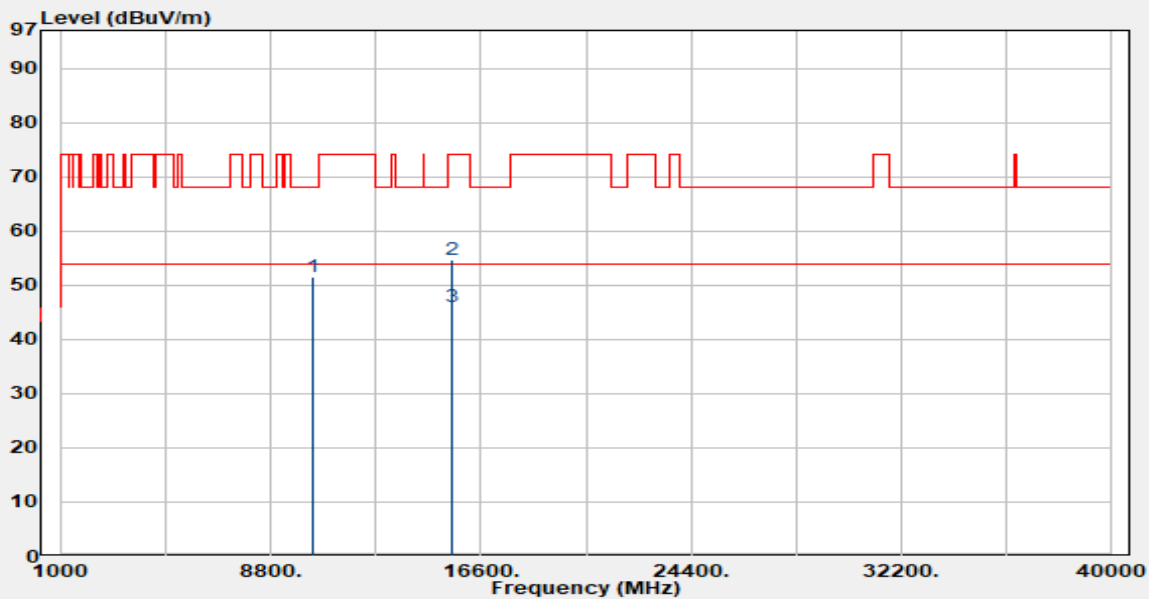
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10500.000	Peak	41.84	10.73	52.57	68.20	-15.63
15750.000	Peak	46.09	9.39	55.47	74.00	-18.53
15750.000	Average	35.16	9.39	44.55	54.00	-9.45

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU full  
Test Frequency :5180 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



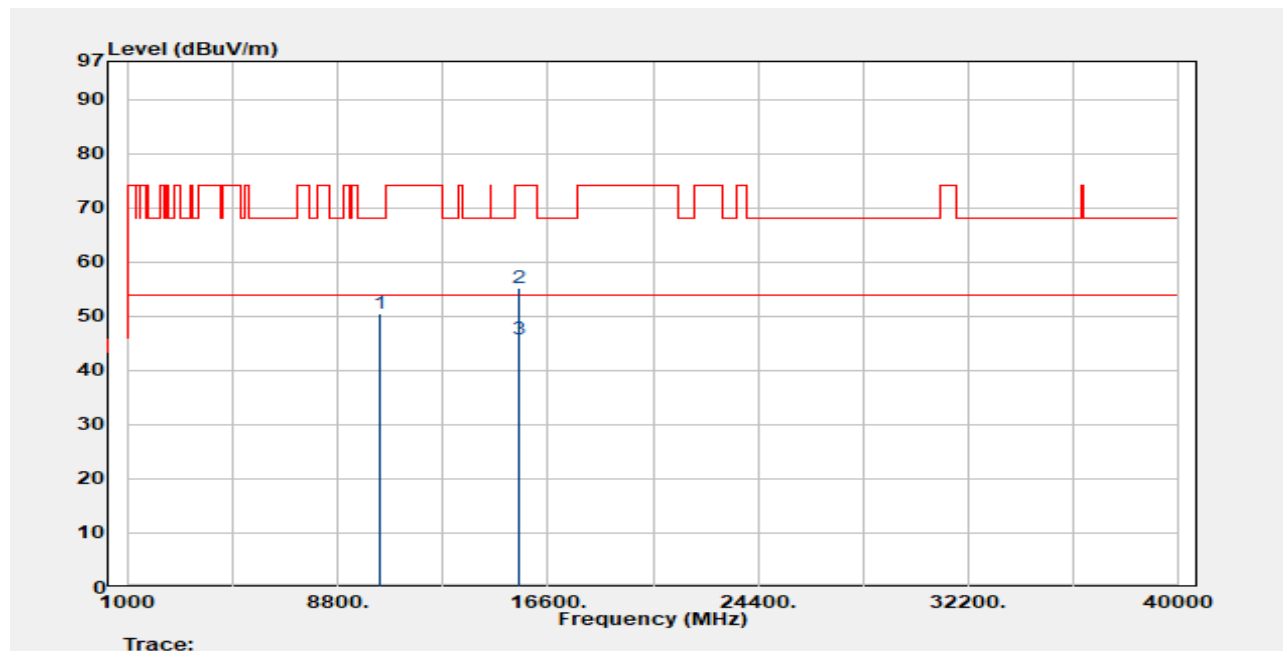
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10360.000	Peak	41.61	10.00	51.62	68.20	-16.58
15540.000	Peak	44.36	10.24	54.60	74.00	-19.40
15540.000	Average	35.79	10.24	46.03	54.00	-7.97

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU full  
Test Frequency :5180 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10360.000	Peak	40.54	10.00	50.54	68.20	-17.66
15540.000	Peak	45.03	10.24	55.27	74.00	-18.73
15540.000	Average	35.58	10.24	45.82	54.00	-8.18

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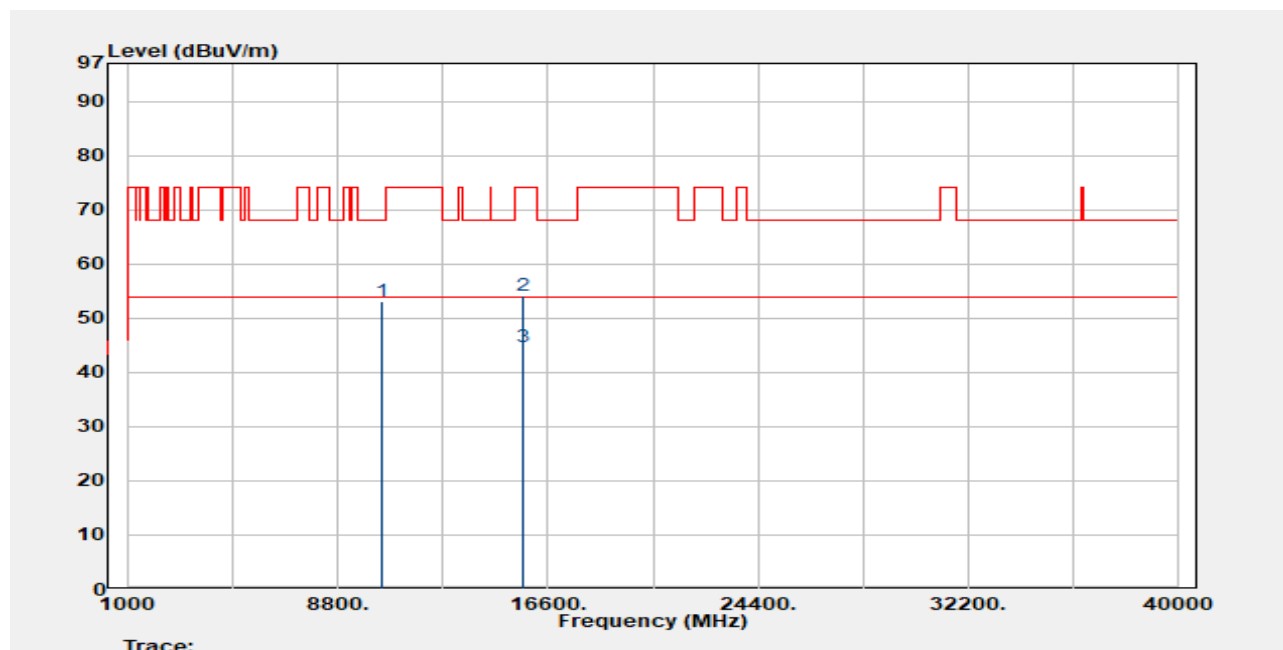
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU full  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



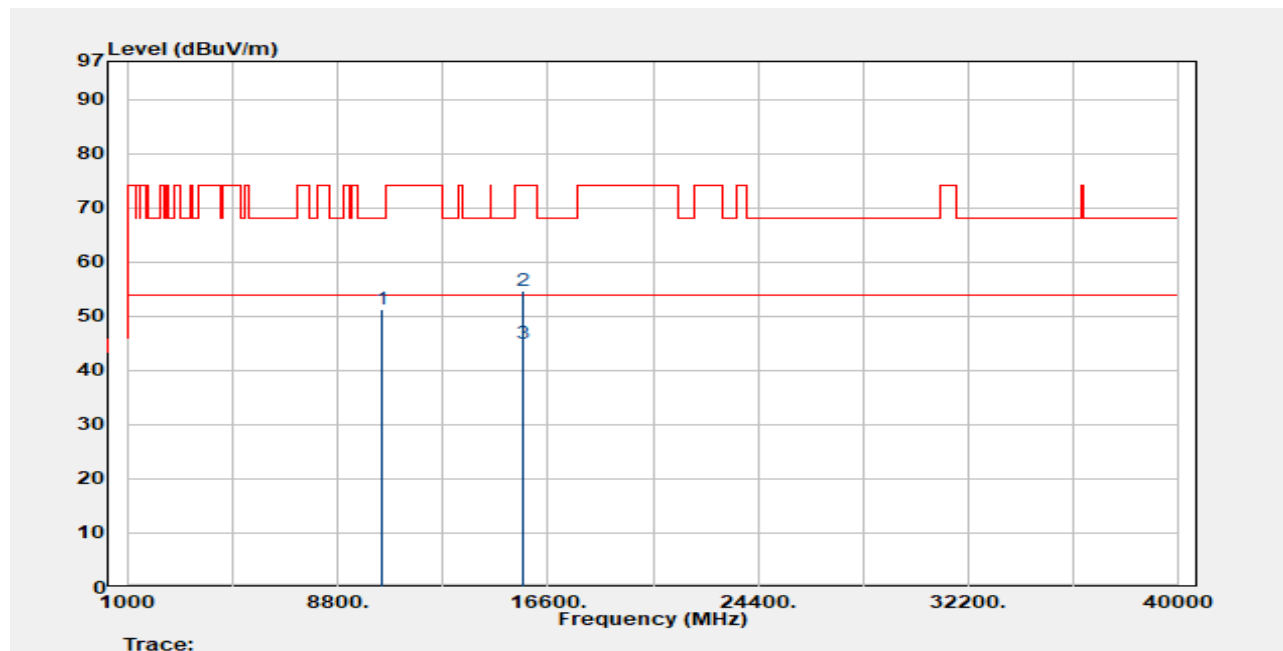
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10440.000	Peak	43.26	9.95	53.21	68.20	-14.99
15660.000	Peak	45.14	9.11	54.25	74.00	-19.75
15660.000	Average	35.58	9.11	44.69	54.00	-9.31

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU full  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10440.000	Peak	41.38	9.95	51.33	68.20	-16.87
15660.000	Peak	45.50	9.11	54.61	74.00	-19.39
15660.000	Average	35.72	9.11	44.83	54.00	-9.17

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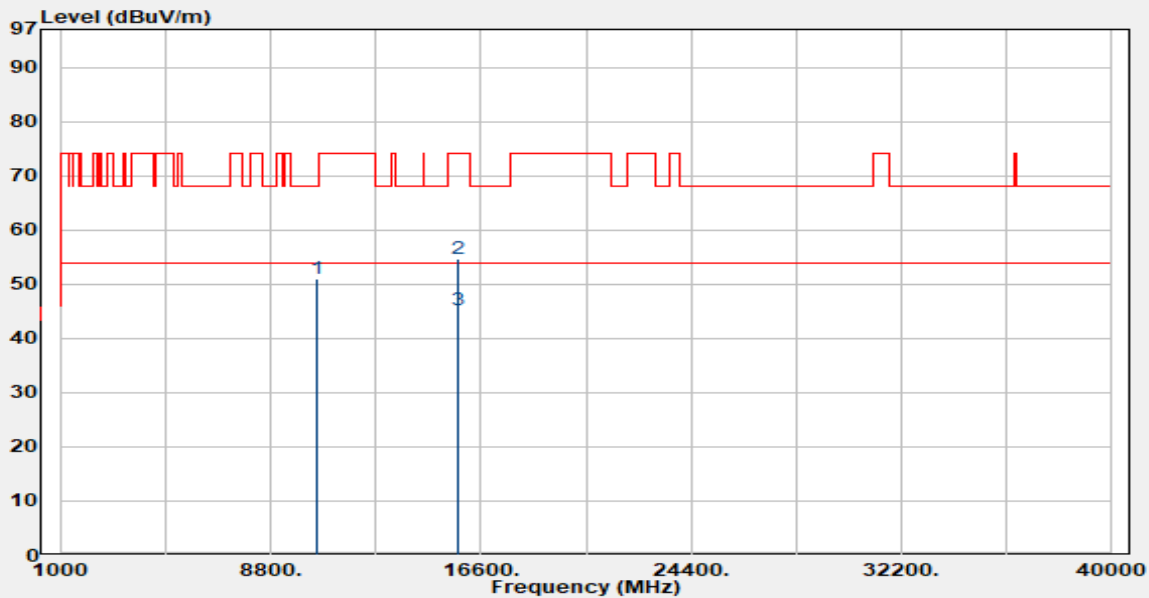
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU full  
Test Frequency :5240 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



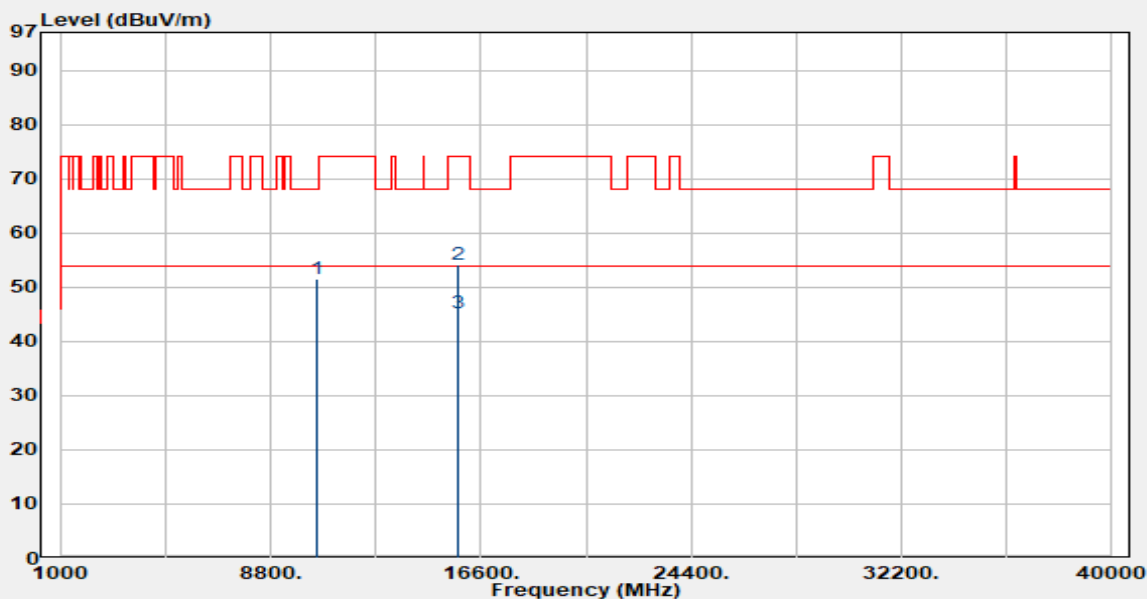
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10480.000	Peak	40.57	10.40	50.97	68.20	-17.23
15720.000	Peak	44.89	9.84	54.73	74.00	-19.27
15720.000	Average	35.39	9.84	45.23	54.00	-8.77

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU full  
Test Frequency :5240 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10480.000	Peak	41.03	10.40	51.44	68.20	-16.76
15720.000	Peak	44.35	9.84	54.19	74.00	-19.81
15720.000	Average	35.28	9.84	45.12	54.00	-8.88

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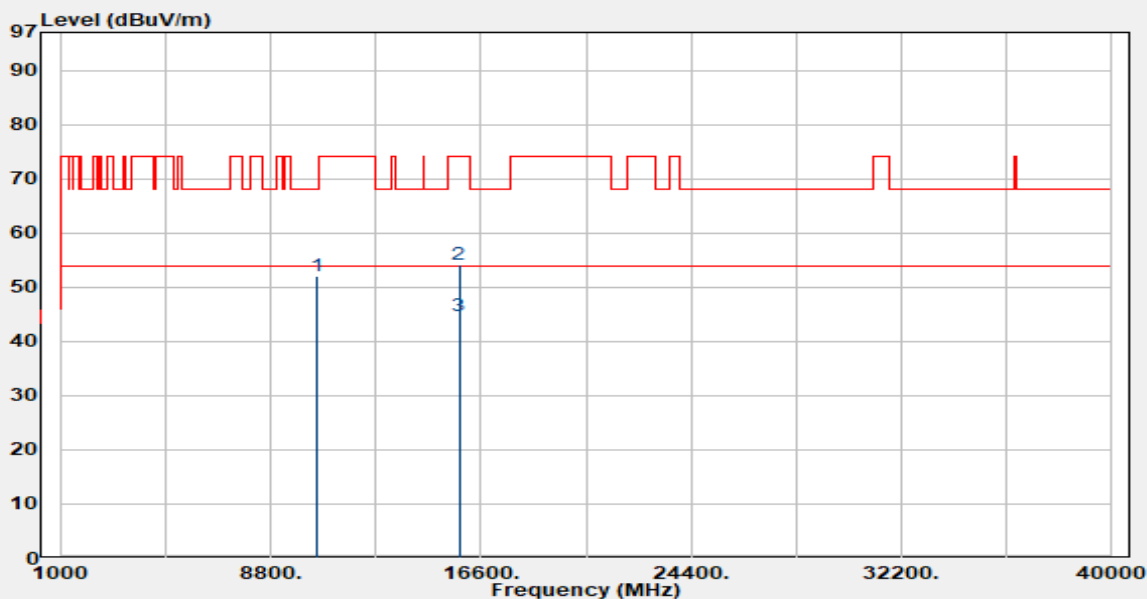
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU full  
Test Frequency :5260 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.000	Peak	41.31	10.69	52.00	68.20	-16.20
15780.000	Peak	44.92	9.29	54.21	74.00	-19.79
15780.000	Average	35.49	9.29	44.78	54.00	-9.22

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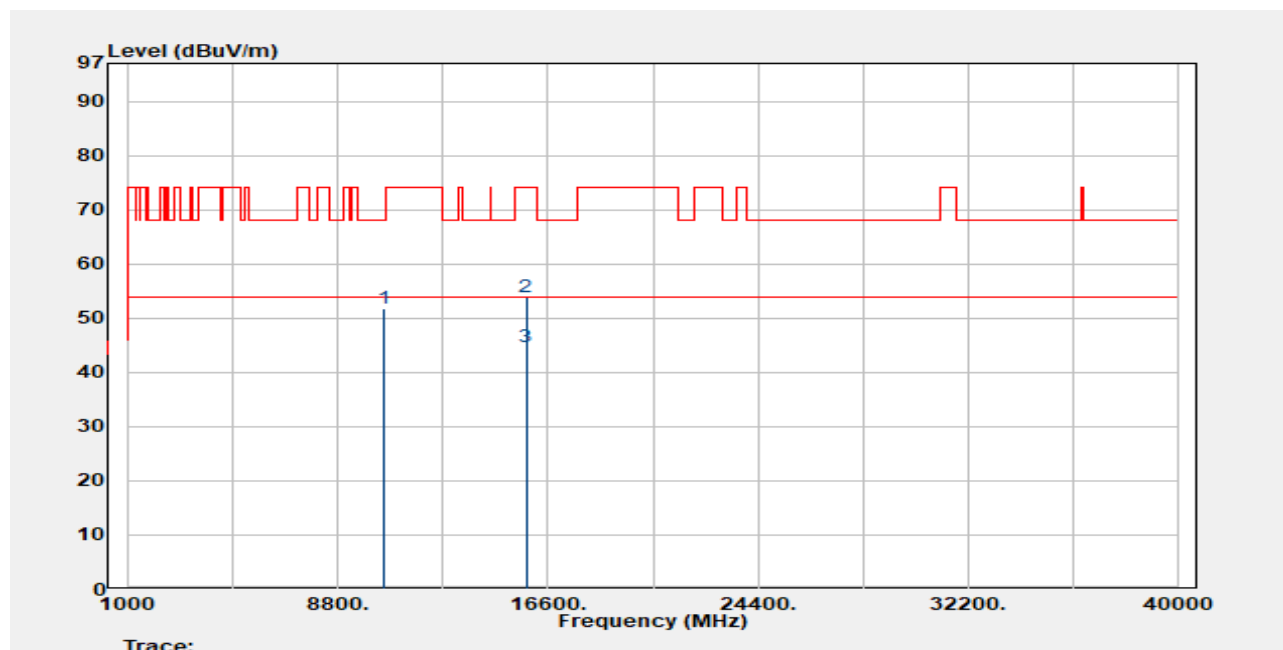
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU full  
Test Frequency :5260 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



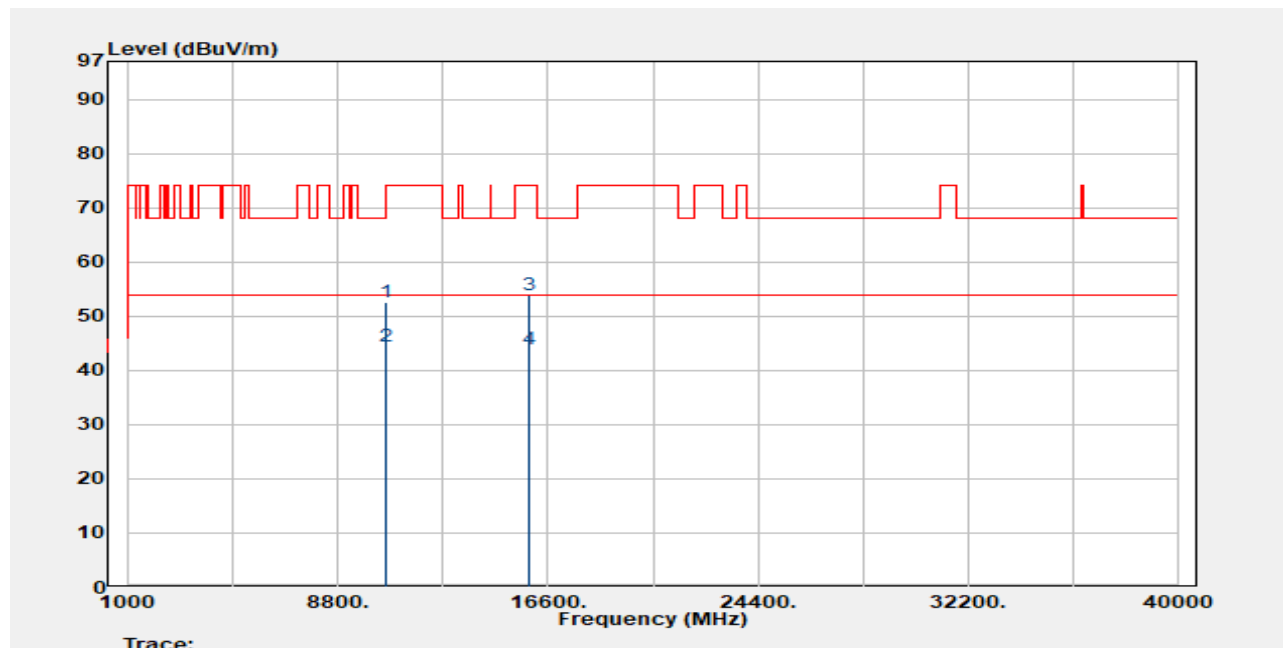
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10520.000	Peak	41.01	10.69	51.70	68.20	-16.50
15780.000	Peak	44.51	9.29	53.80	74.00	-20.20
15780.000	Average	35.42	9.29	44.71	54.00	-9.29

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU 106/54  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10600.000	Peak	41.43	11.10	52.53	74.00	-21.47
10600.000	Average	33.35	11.10	44.45	54.00	-9.55
15900.000	Peak	45.16	8.71	53.87	74.00	-20.13
15900.000	Average	35.27	8.71	43.98	54.00	-10.02

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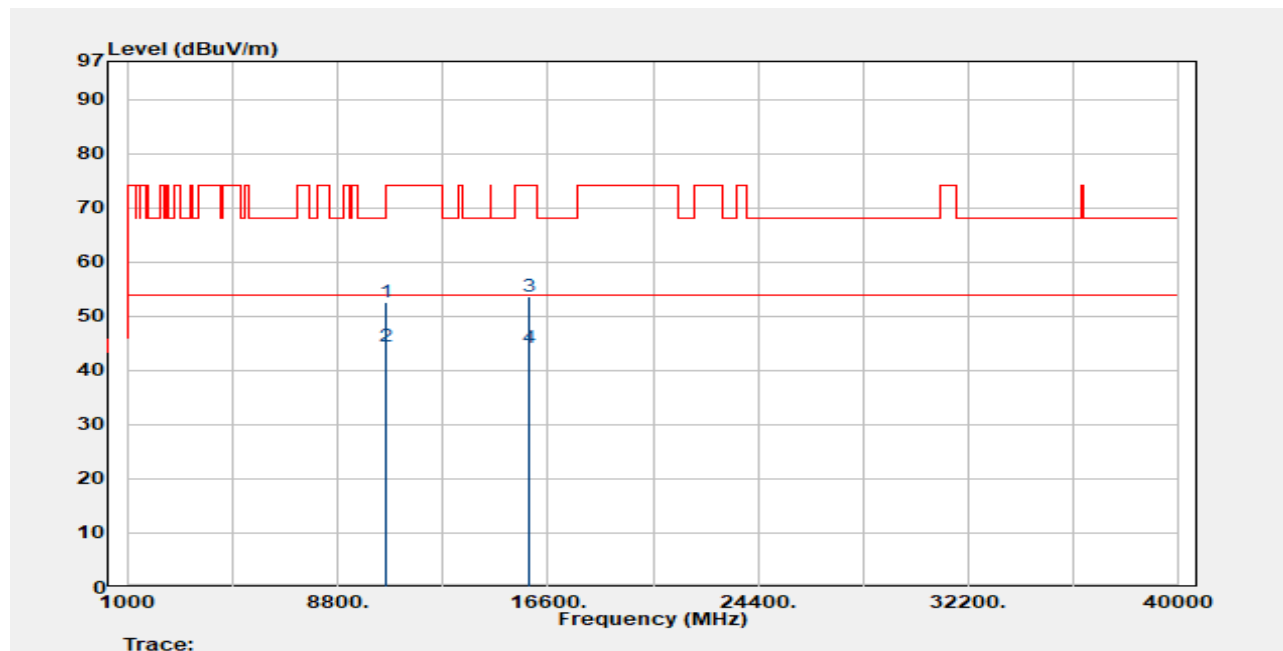
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU 106/54  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10600.000	Peak	41.59	11.10	52.69	74.00	-21.31
10600.000	Average	33.24	11.10	44.34	54.00	-9.66
15900.000	Peak	45.02	8.71	53.74	74.00	-20.26
15900.000	Average	35.47	8.71	44.18	54.00	-9.82

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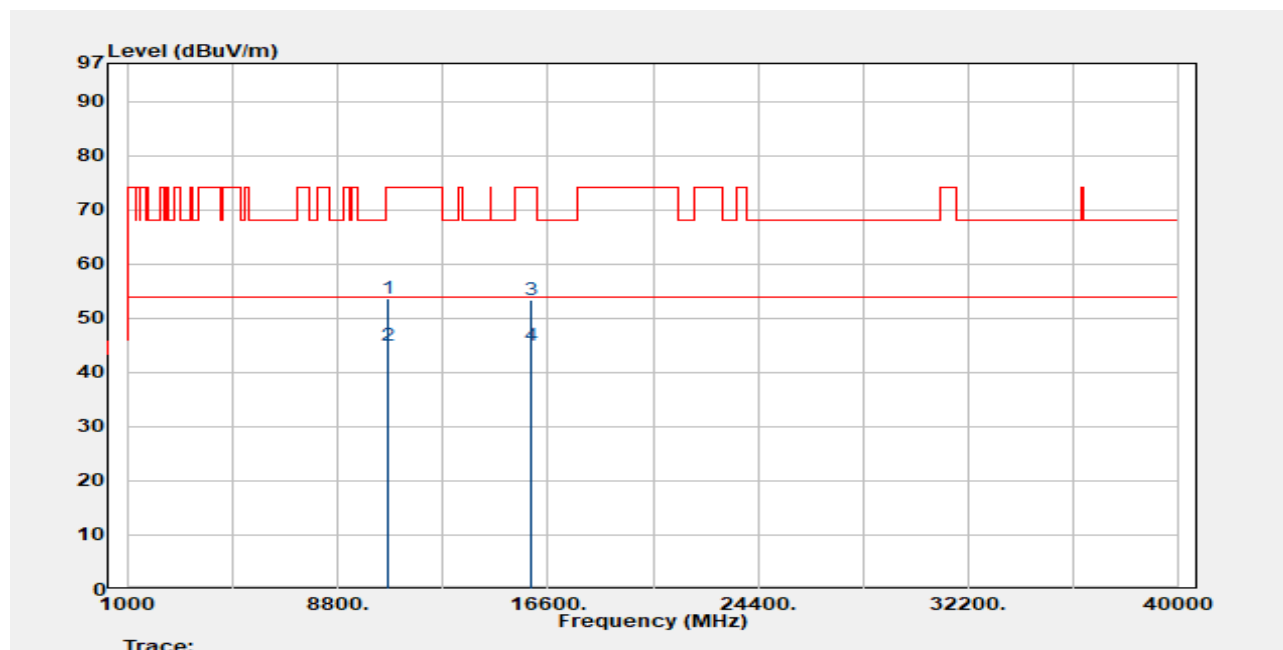
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU 106/54  
Test Frequency :5320 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



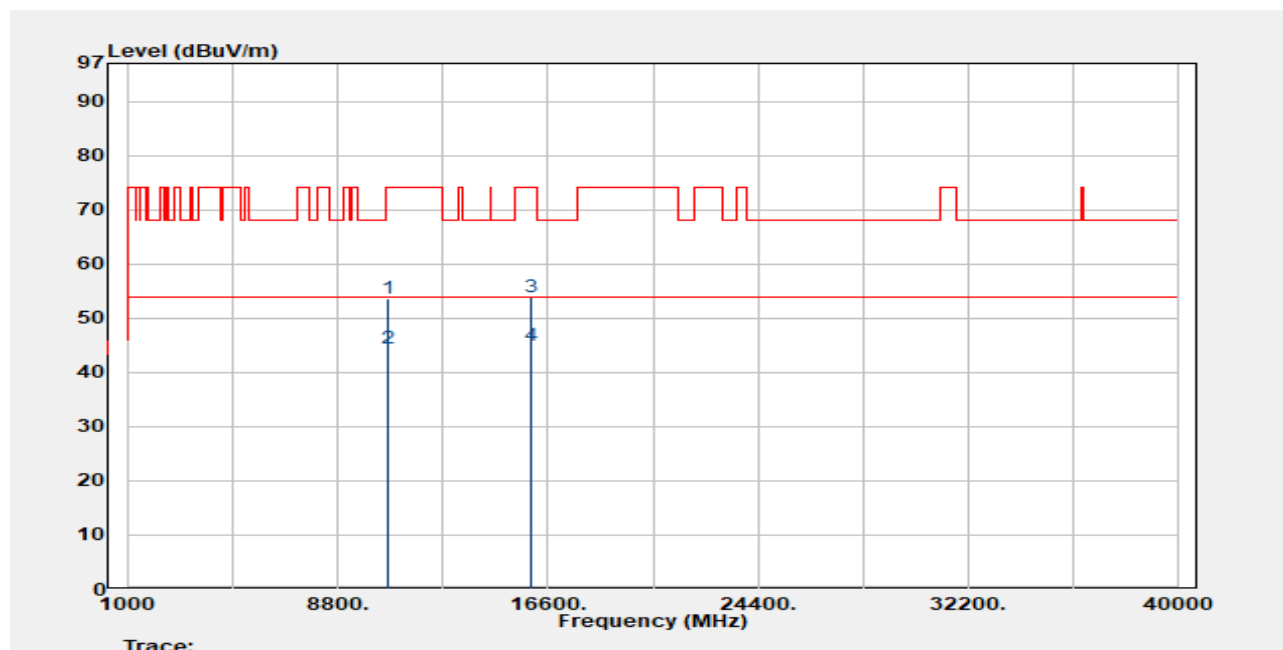
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10640.000	Peak	42.37	11.24	53.60	74.00	-20.40
10640.000	Average	33.81	11.24	45.05	54.00	-8.95
15960.000	Peak	44.09	9.29	53.37	74.00	-20.63
15960.000	Average	35.67	9.29	44.96	54.00	-9.04

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax20 RU 106/54  
Test Frequency :5320 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10640.000	Peak	42.29	11.24	53.53	74.00	-20.47
10640.000	Average	33.27	11.24	44.51	54.00	-9.49
15960.000	Peak	44.56	9.29	53.84	74.00	-20.16
15960.000	Average	35.63	9.29	44.92	54.00	-9.08

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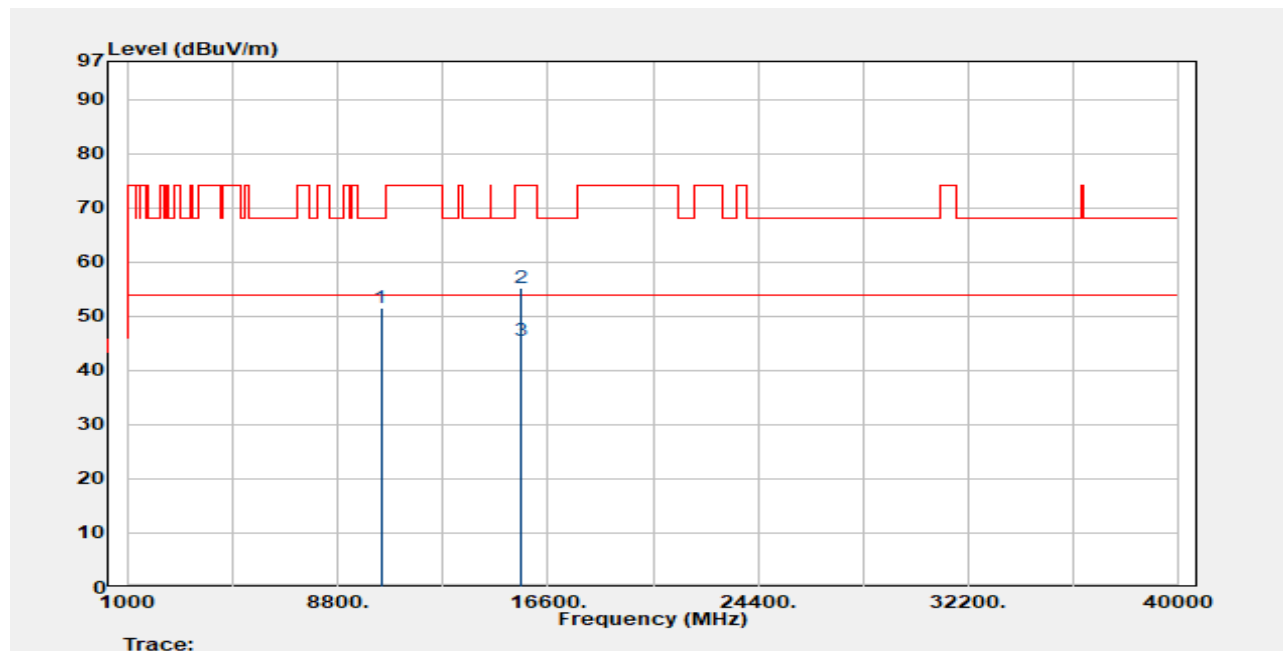
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax40 RU full  
Test Frequency :5190 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10380.000	Peak	41.39	10.06	51.46	68.20	-16.74
15570.000	Peak	45.30	9.92	55.22	74.00	-18.78
15570.000	Average	35.55	9.92	45.47	54.00	-8.53

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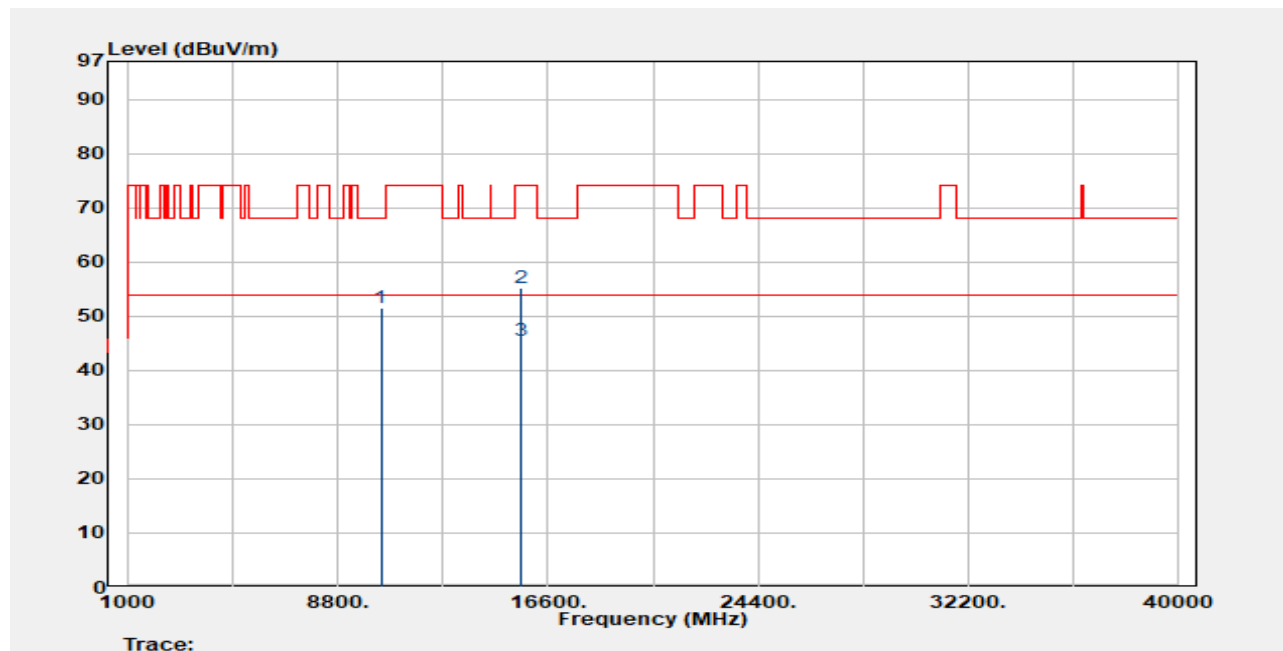
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax40 RU full  
Test Frequency :5190 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10380.000	Peak	41.51	10.06	51.58	68.20	-16.62
15570.000	Peak	45.32	9.92	55.24	74.00	-18.76
15570.000	Average	35.49	9.92	45.41	54.00	-8.59

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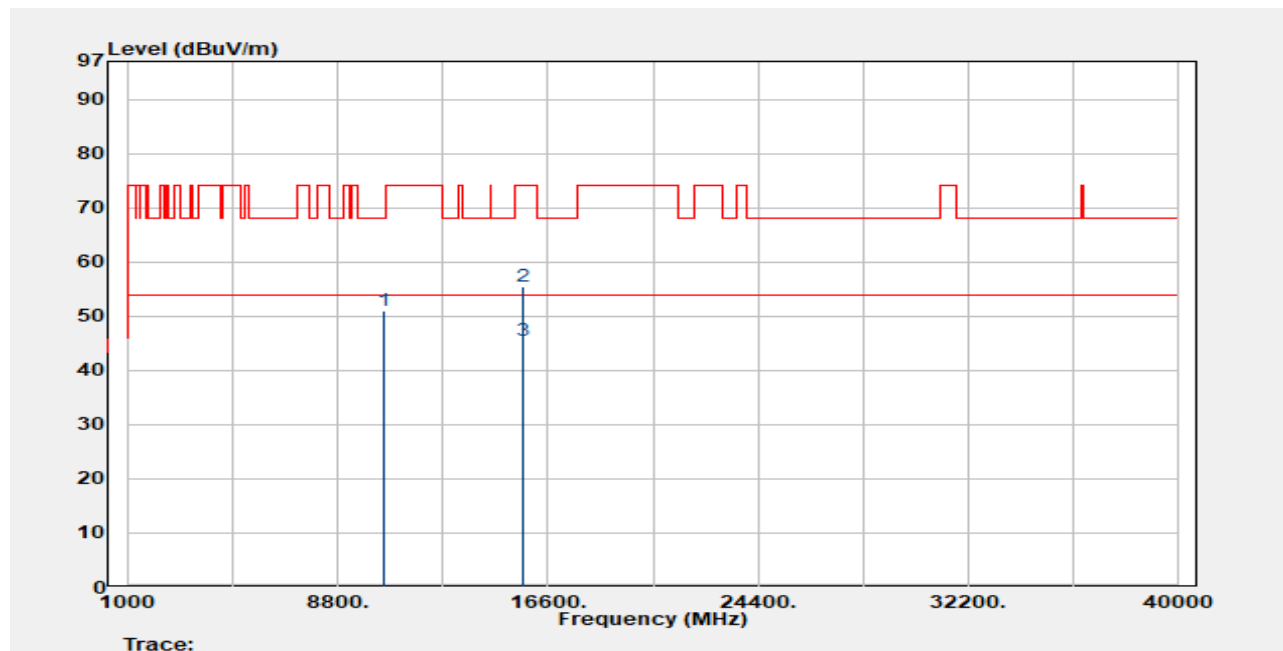
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax40 RU full  
Test Frequency :5230 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10460.000	Peak	41.05	10.07	51.12	68.20	-17.08
15690.000	Peak	45.67	9.88	55.55	74.00	-18.45
15690.000	Average	35.52	9.88	45.40	54.00	-8.60

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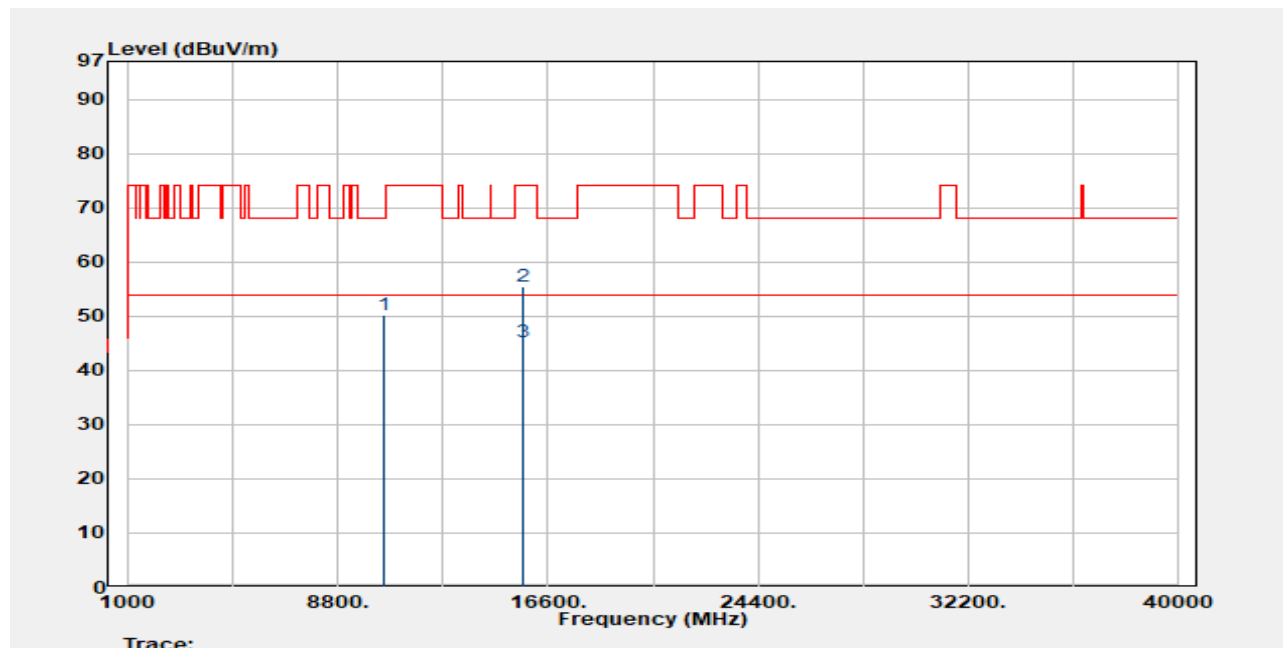
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax40 RU full  
Test Frequency :5230 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10460.000	Peak	40.12	10.07	50.19	68.20	-18.01
15690.000	Peak	45.65	9.88	55.53	74.00	-18.47
15690.000	Average	35.46	9.88	45.34	54.00	-8.66

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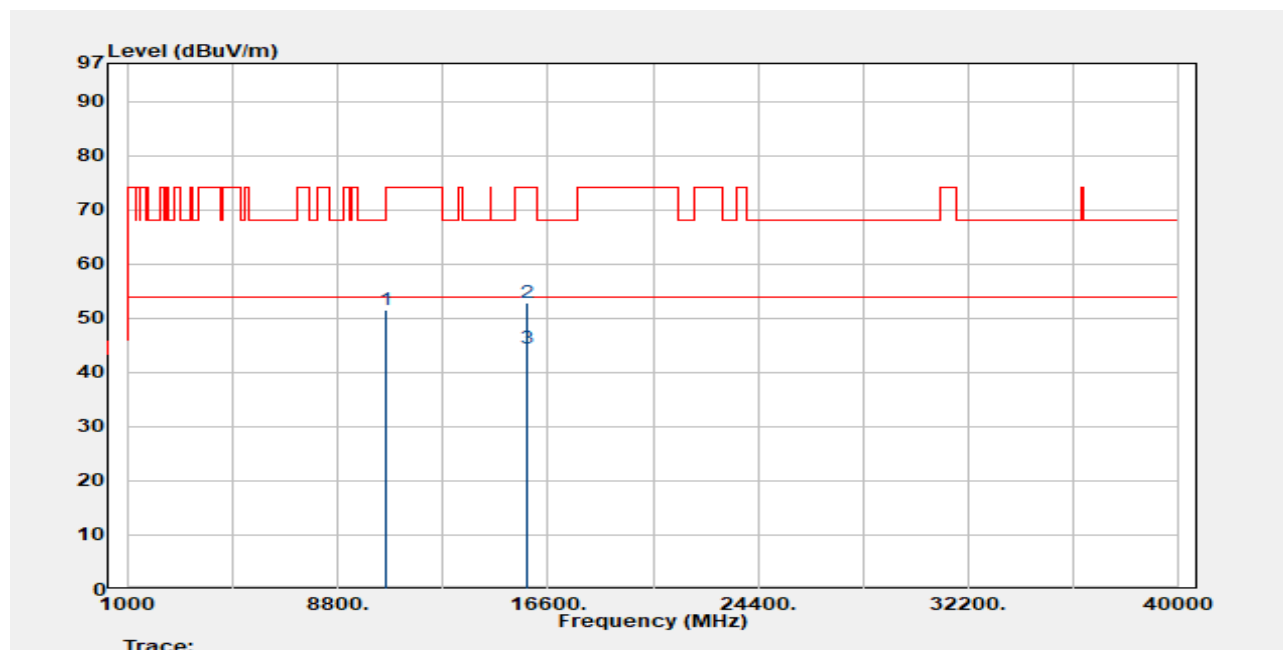
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax40 RU full  
Test Frequency :5270 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10540.000	Peak	40.90	10.65	51.55	68.20	-16.65
15810.000	Peak	43.81	9.10	52.91	74.00	-21.09
15810.000	Average	35.39	9.10	44.49	54.00	-9.51

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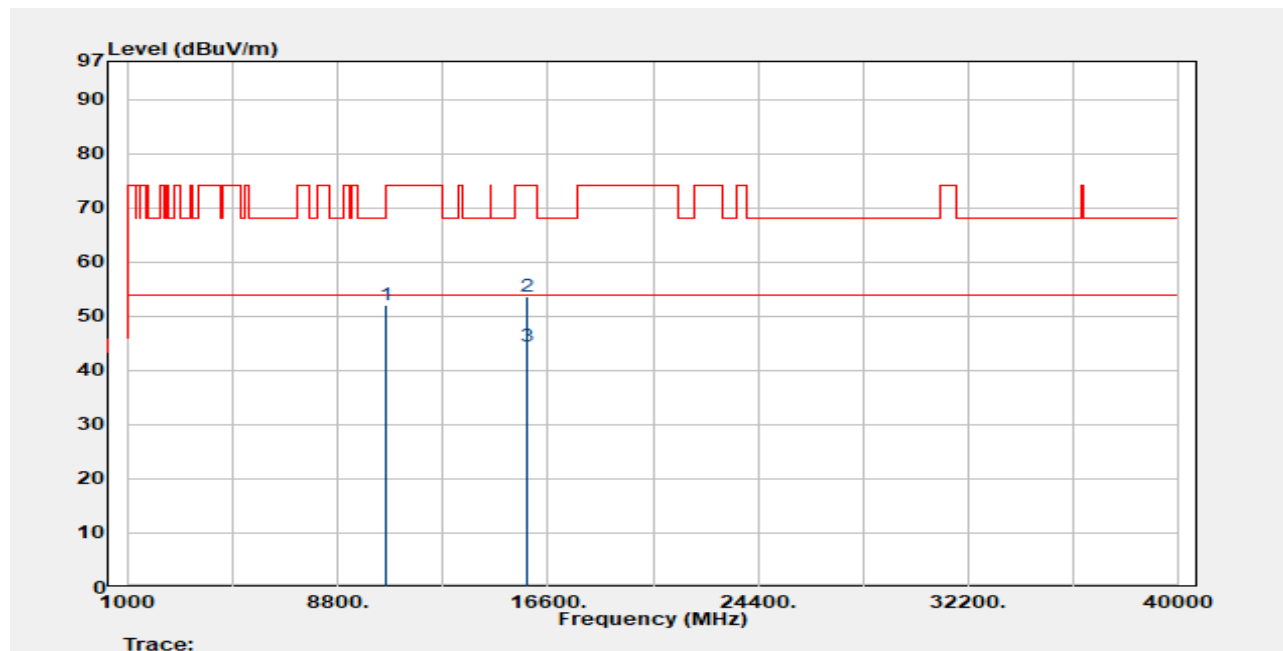
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax40 RU full  
Test Frequency :5270 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10540.000	Peak	41.41	10.65	52.07	68.20	-16.13
15810.000	Peak	44.45	9.10	53.54	74.00	-20.46
15810.000	Average	35.35	9.10	44.45	54.00	-9.55

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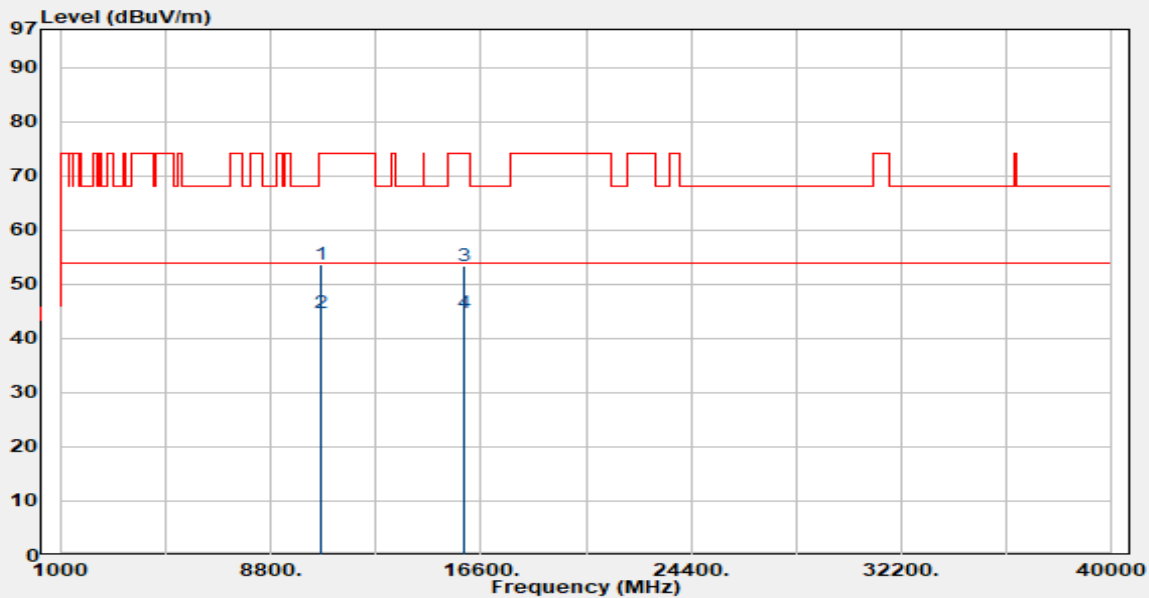
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax40 RU full  
Test Frequency :5310 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



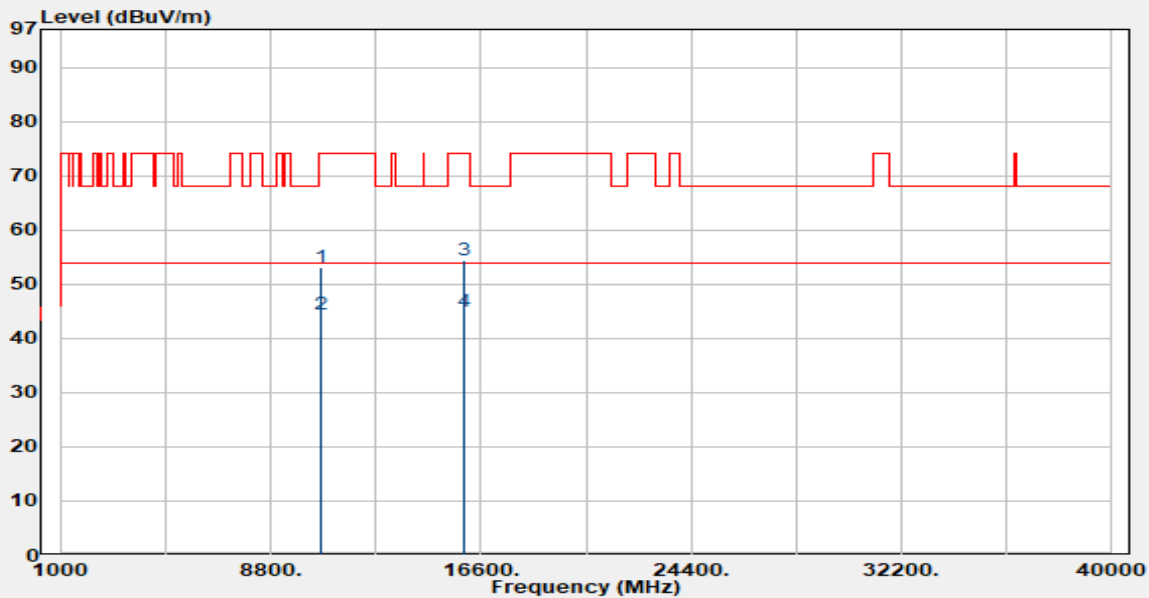
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10620.000	Peak	42.44	11.17	53.60	74.00	-20.40
10620.000	Average	33.56	11.17	44.73	54.00	-9.27
15930.000	Peak	44.20	9.07	53.27	74.00	-20.73
15930.000	Average	35.62	9.07	44.69	54.00	-9.31

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax40 RU full  
Test Frequency :5310 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



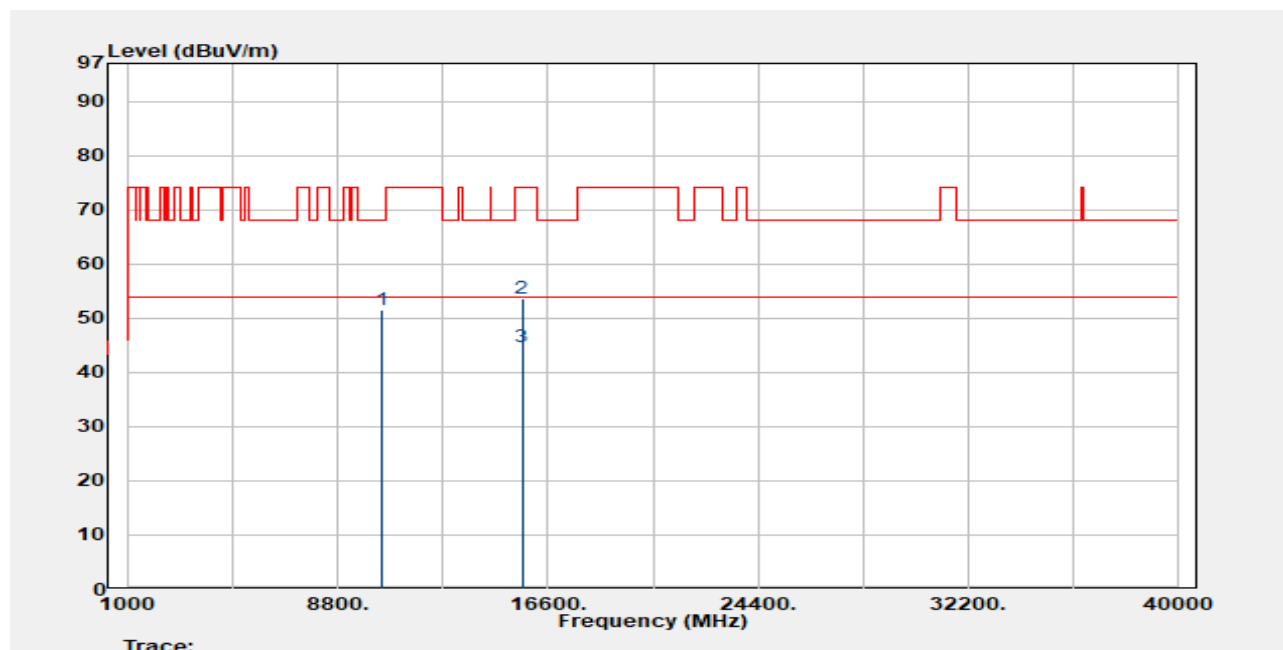
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10620.000	Peak	41.92	11.17	53.09	74.00	-20.91
10620.000	Average	33.36	11.17	44.53	54.00	-9.47
15930.000	Peak	45.34	9.07	54.41	74.00	-19.59
15930.000	Average	35.78	9.07	44.85	54.00	-9.15

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Report Number :TERF2304000928ER  
Operation Mode :802.11ax80 RU full  
Test Frequency :5210 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10420.000	Peak	41.56	10.04	51.60	68.20	-16.60
15630.000	Peak	44.52	9.13	53.65	74.00	-20.35
15630.000	Average	35.66	9.13	44.79	54.00	-9.21

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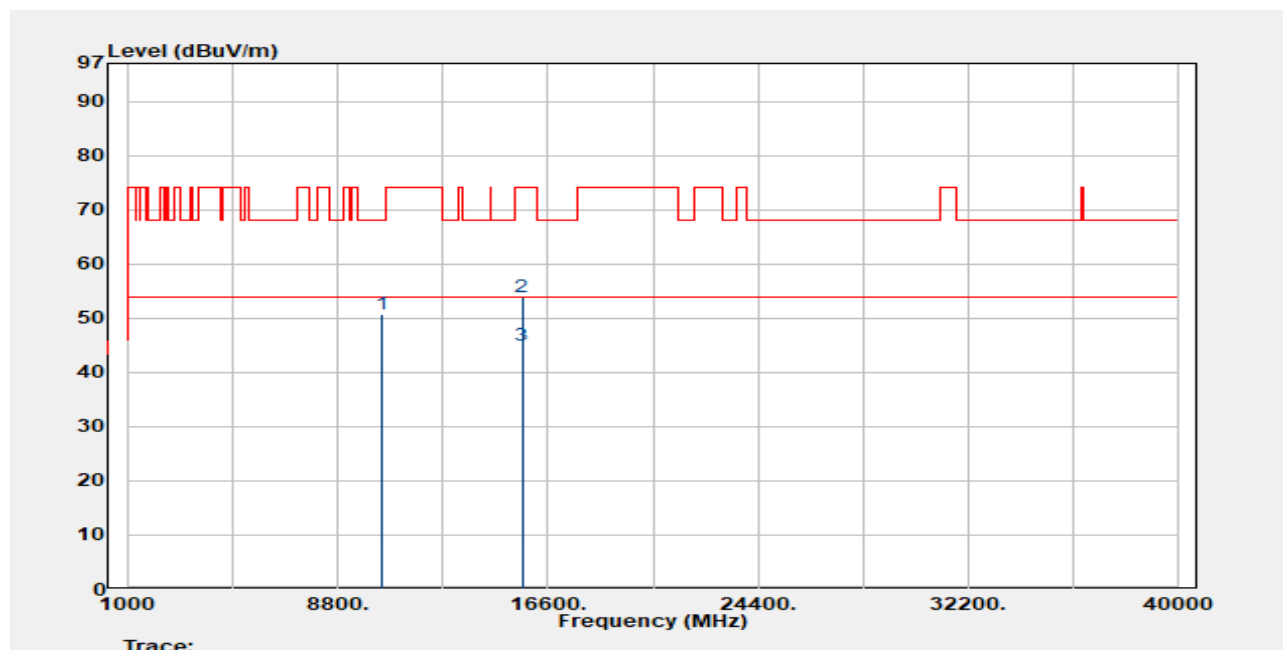
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax80 RU full  
Test Frequency :5210 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10420.000	Peak	40.59	10.04	50.63	68.20	-17.57
15630.000	Peak	44.80	9.13	53.93	74.00	-20.07
15630.000	Average	35.72	9.13	44.85	54.00	-9.15

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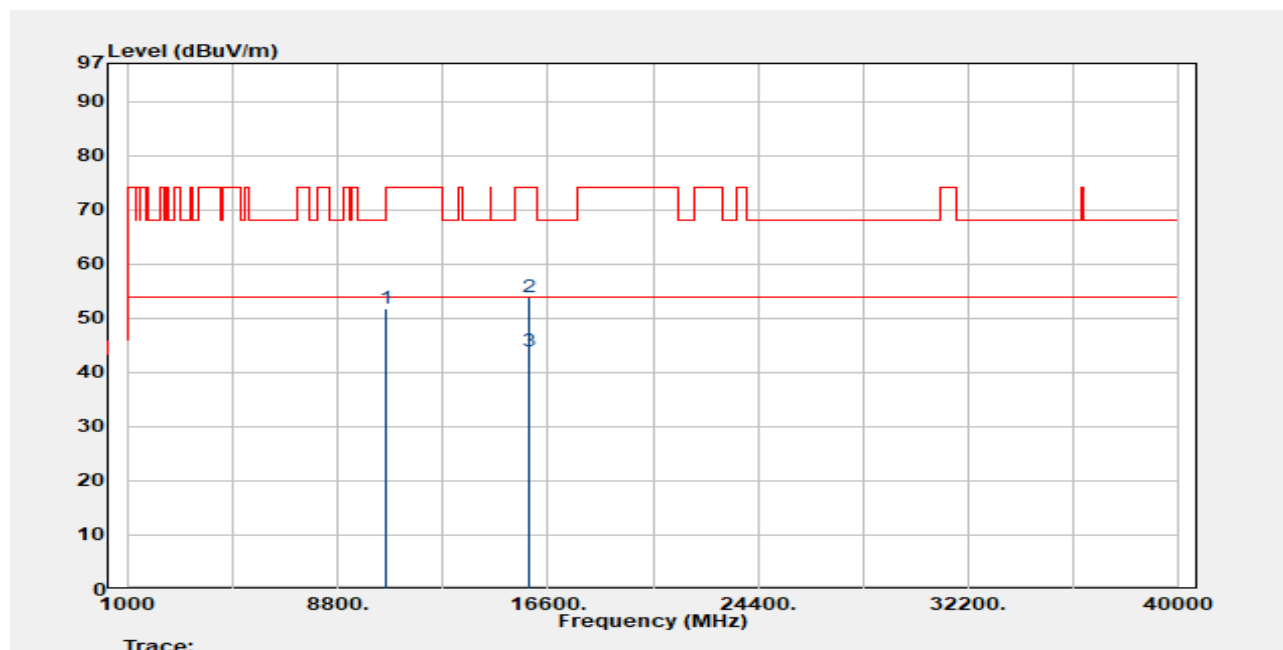
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax80 RU full  
Test Frequency :5290 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10580.000	Peak	40.89	10.91	51.80	68.20	-16.40
15870.000	Peak	45.13	8.63	53.76	74.00	-20.24
15870.000	Average	35.36	8.63	43.99	54.00	-10.01

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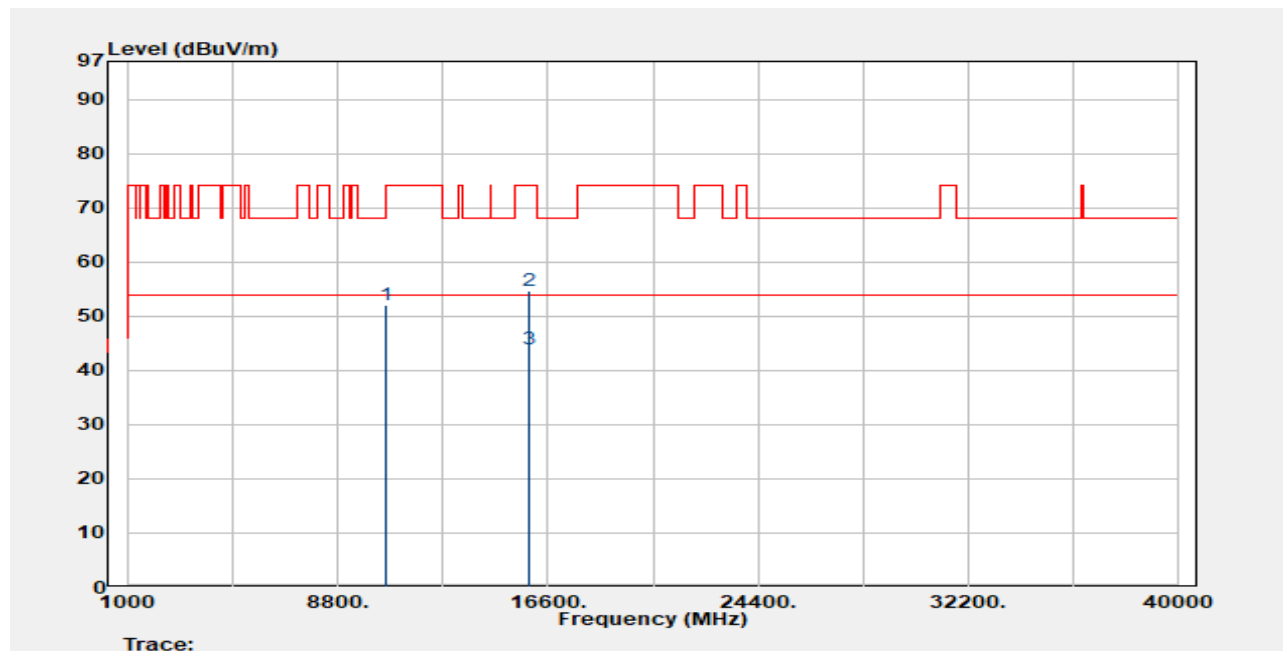
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax80 RU full  
Test Frequency :5290 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10580.000	Peak	41.07	10.91	51.99	68.20	-16.21
15870.000	Peak	46.14	8.63	54.77	74.00	-19.23
15870.000	Average	35.28	8.63	43.91	54.00	-10.09

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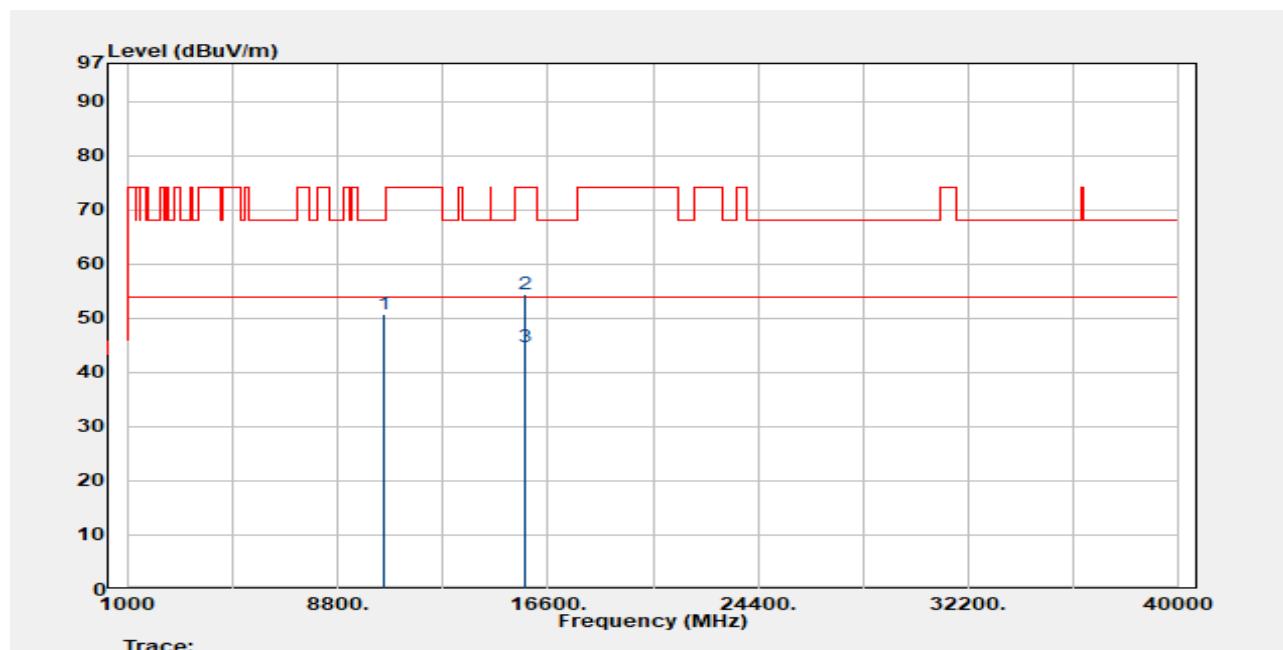
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Report Number :TERF2304000928ER  
Operation Mode :802.11ax160 RU full  
Test Frequency :5250 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10500.000	Peak	39.89	10.73	50.63	68.20	-17.57
15750.000	Peak	45.08	9.39	54.46	74.00	-19.54
15750.000	Average	35.40	9.39	44.79	54.00	-9.21

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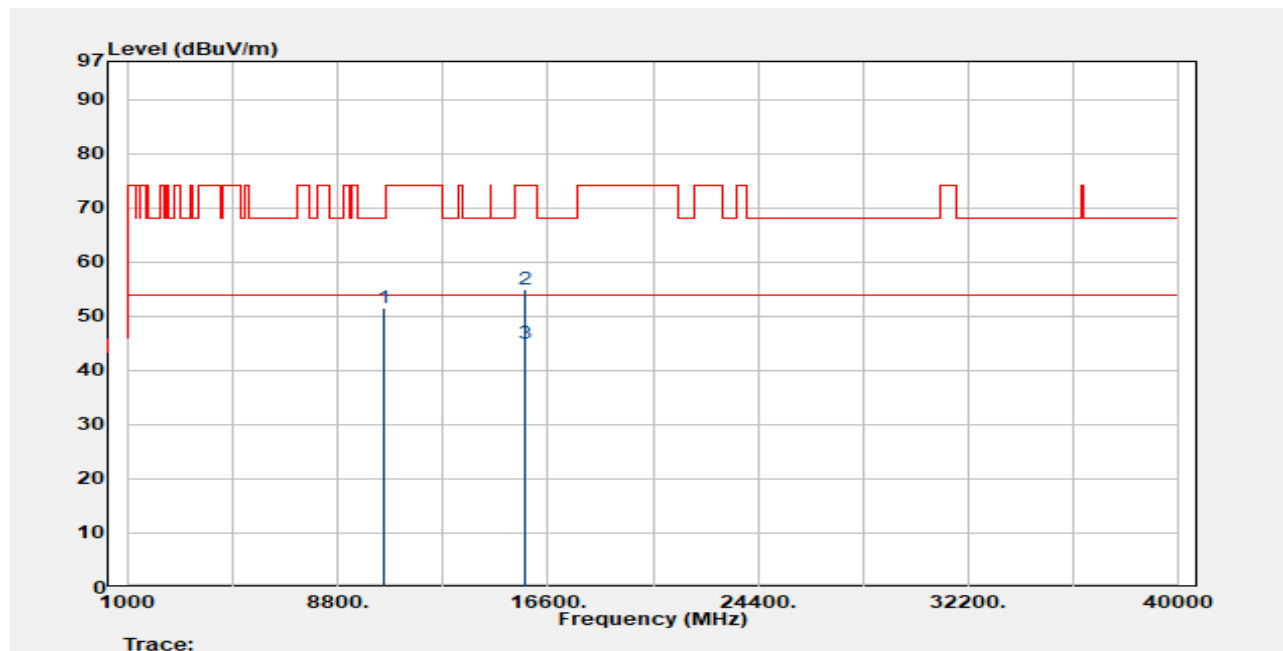
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Test Site :SAC 3  
Test Date :2023-04-28  
Temp./Humi. :25.2/54  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10500.000	Peak	40.74	10.73	51.48	68.20	-16.72
15750.000	Peak	45.67	9.39	55.06	74.00	-18.94
15750.000	Average	35.52	9.39	44.91	54.00	-9.09

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## APPENDIX 1

### QCA Original antenna

Antenna Type	Supplier	Antenna Part No.	Freq.	Peak Antenna Gain (dBi)
Monopole	HONGBO	260-25084	2.4GHz	3.22
			5.150-5.250 GHz	3.35
			5.250-5.350 GHz	3.42
			5.470-5.725 GHz	4.77
			5.725-5.850 GHz	4.72
			5.850-5.895 GHz	4.71
			5.925-6.425 GHz	4.75
			6.425-6.525 GHz	4.29
			6.525-6.875 GHz	4.81
			6.875-7.125 GHz	4.74

### Additional antennas

Antenna Type	Supplier	Antenna Part No.	Freq.	Peak Antenna Gain (dBi)
Monopole	TAOGLAS	GW.05.0153	2.4GHz	0.37
			5.150-5.250 GHz	1.69
			5.250-5.350 GHz	1.92
			5.470-5.725 GHz	2.18
			5.725-5.850 GHz	2.43
			5.850-5.895 GHz	2.07
			5.925-6.425 GHz	3.09
			6.425-6.525 GHz	2.94
			6.525-6.875 GHz	2.55
Monopole	TE connectivity	2118907-8	6.875-7.125 GHz	2.48
			2.4GHz	2.31
			5.150-5.250 GHz	1.44
			5.250-5.350 GHz	2.09
			5.470-5.725 GHz	2.81
			5.725-5.850 GHz	1.71
			5.850-5.895 GHz	2.27
			5.925-6.425 GHz	2.99
			6.425-6.525 GHz	2.7
			6.525-6.875 GHz	3.23
			6.875-7.125 GHz	2.02

~ End of Report ~

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