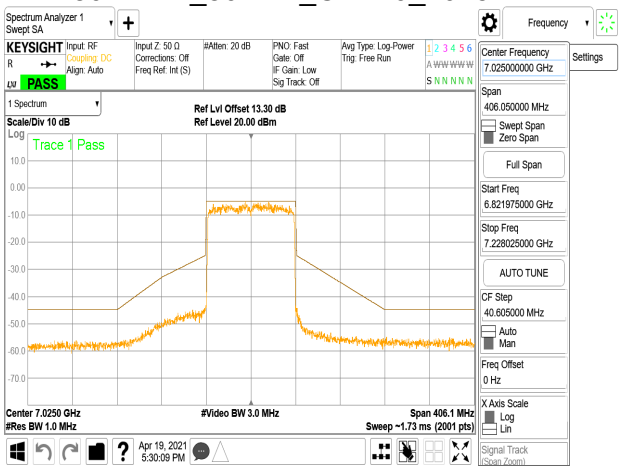
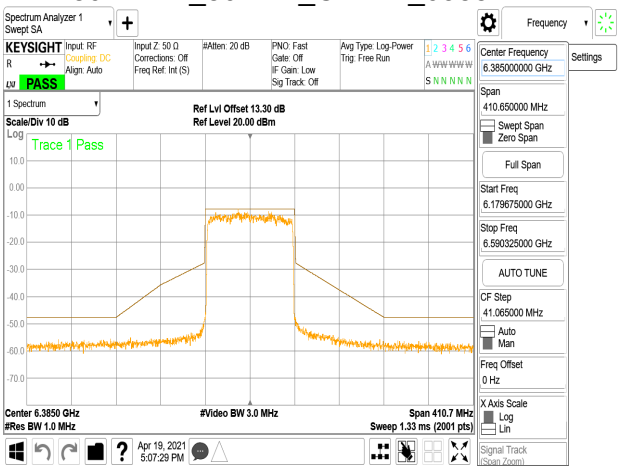
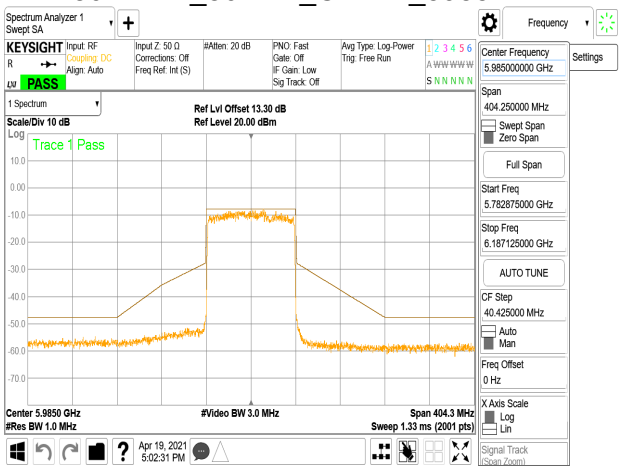
802.11ax_80MHz_Chain0_7025MHz



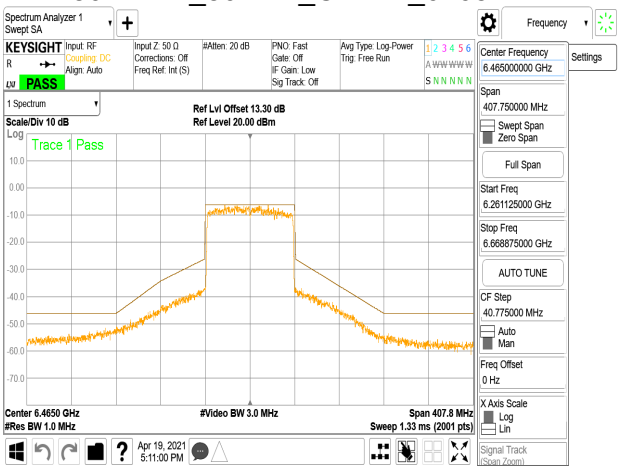
802.11ax_80MHz_Chain1_6385MHz



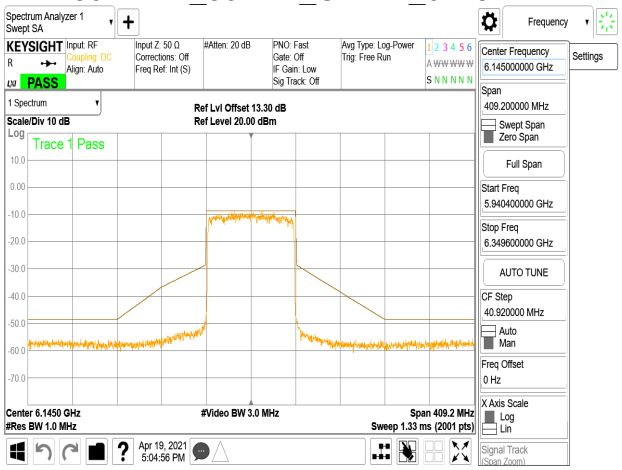
802.11ax_80MHz_Chain1_5985MHz



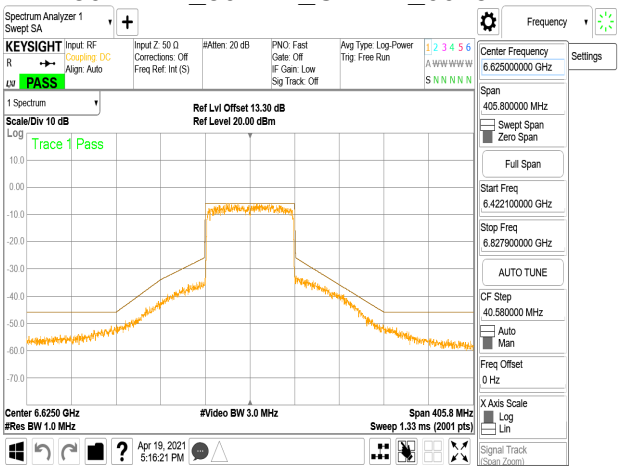
802.11ax_80MHz_Chain1_6465MHz



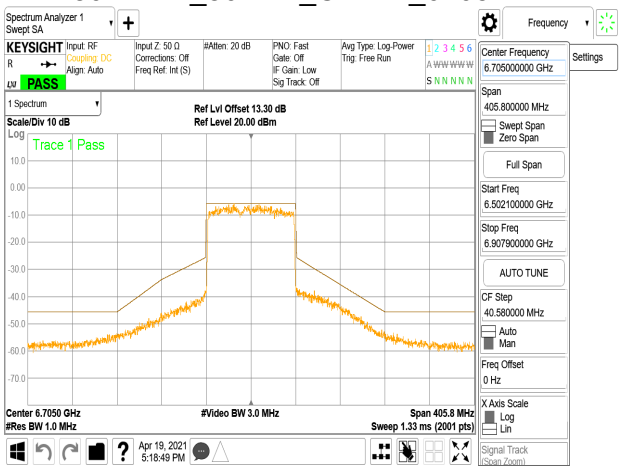
802.11ax_80MHz_Chain1_6145MHz



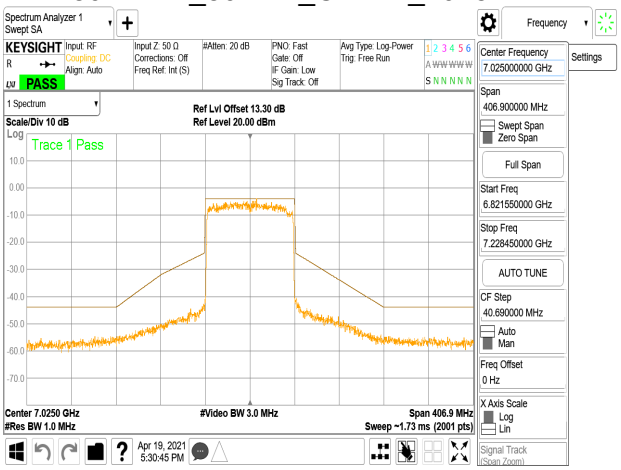
802.11ax_80MHz_Chain1_6625MHz



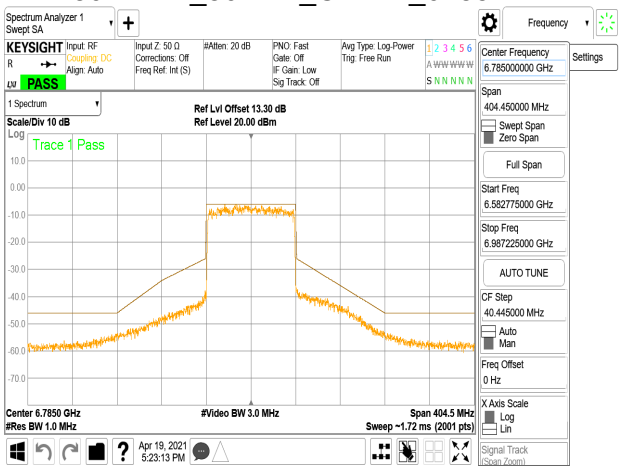
802.11ax_80MHz_Chain1_6705MHz



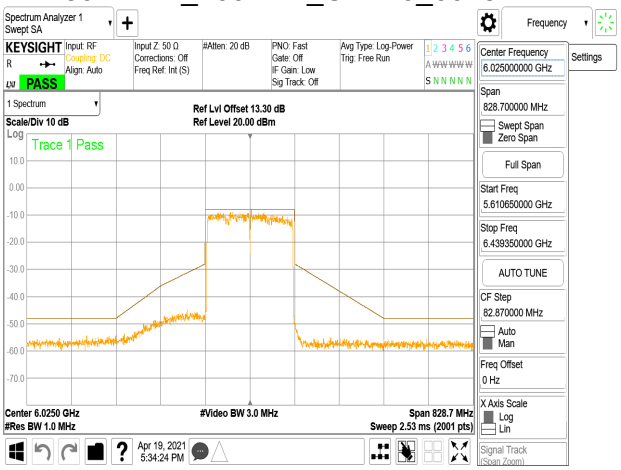
802.11ax_80MHz_Chain1_7025MHz



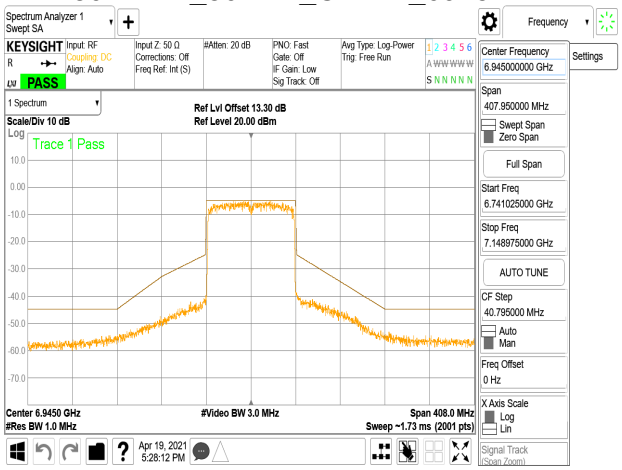
802.11ax_80MHz_Chain1_6785MHz



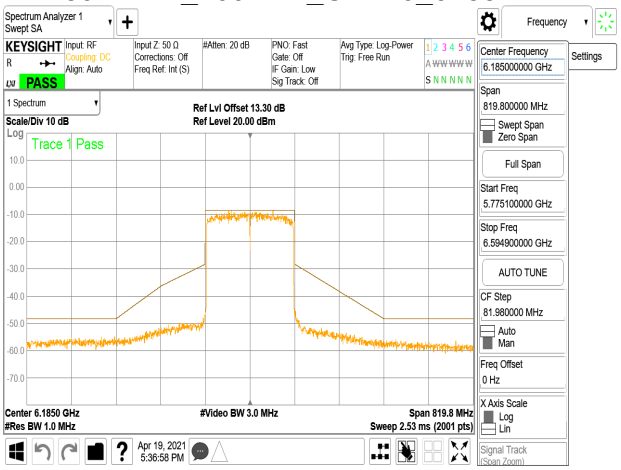
802.11ax_160MHz_Chain0_6025MHz



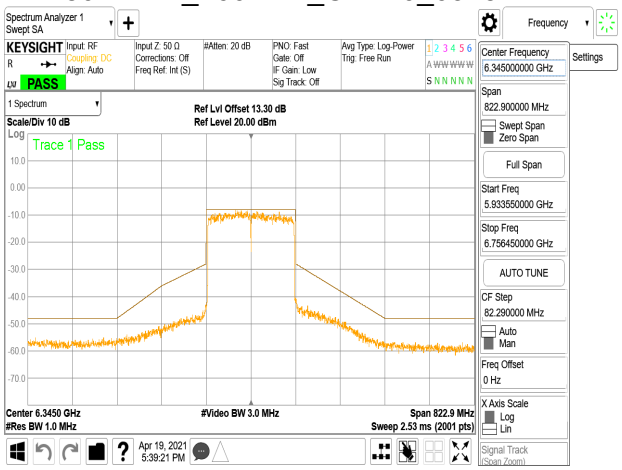
802.11ax_80MHz_Chain1_6945MHz



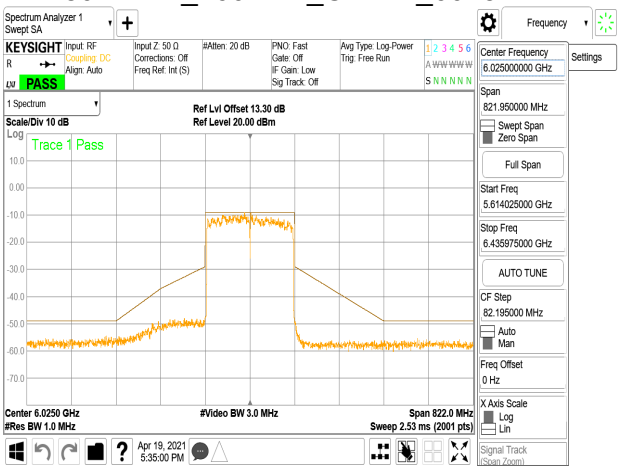
802.11ax_160MHz_Chain0_6185MHz



802.11ax_160MHz_Chain0_6345MHz

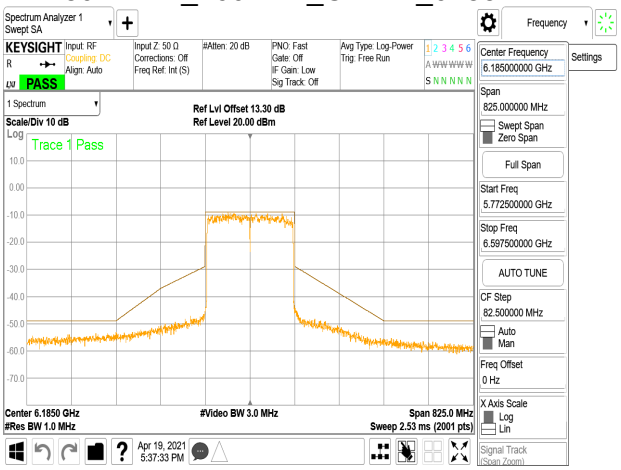


802.11ax_160MHz_Chain1_6025MHz

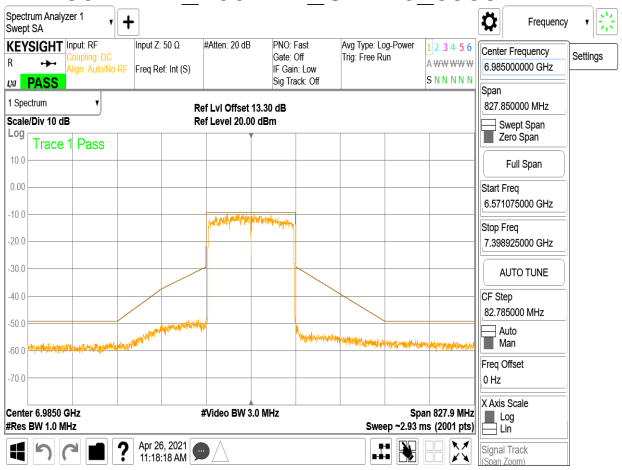


802.11ax_160MHz_Chain0_6665MHz

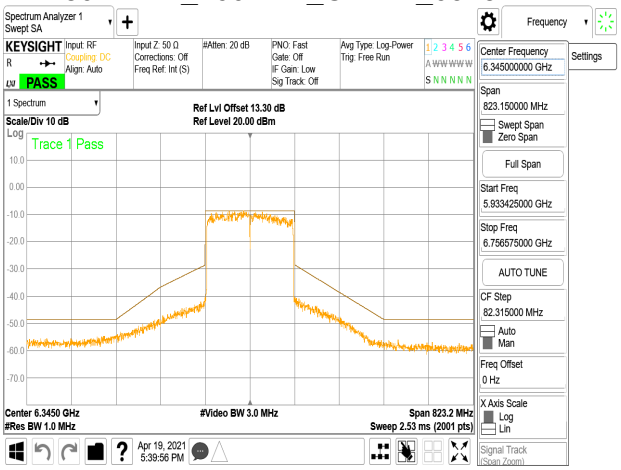
802.11ax_160MHz_Chain1_6185MHz



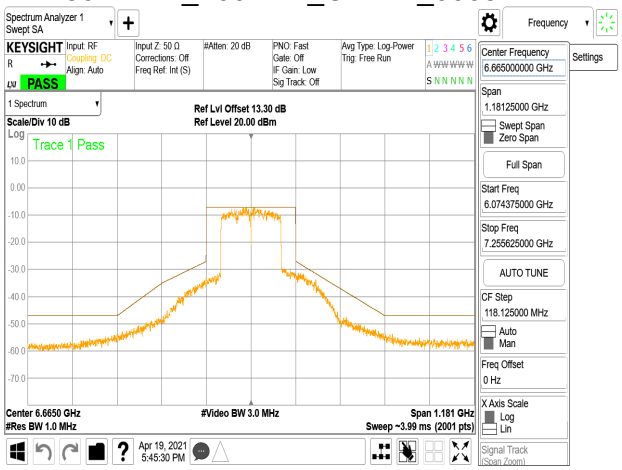
802.11ax_160MHz_Chain0_6985MHz



802.11ax_160MHz_Chain1_6345MHz



802.11ax_160MHz_Chain1_6665MHz



802.11ax_160MHz_Chain1_6985MHz

12 UNDESIRABLE RADIATED EMISSIONS

12.1 Standard Applicable

For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz and below 1 GHz must comply with the general field strength limits set forth in §15.209.

The provisions of §15.205 apply to intentional radiators operating under this section.

Use guidance in KDB 789033 for measurements below 1000 MHz and above 1000 MHz. Unwanted emissions outside of restricted bands are measured with a RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit

Above 1GHz and non-restricted limit

EIRP LIMIT	FIELD STRENGTH AT 3m
Peak: -7 (dBm/MHz) AV: -27 (dBm/MHz)	Peak: 88.3 (dBμV/m) AV: 68.3 (dBμV/m)

EIRP[dBm] = E[dBμV/m] + 20 log (d[m]) − 104.77.
E[dBμV/m] = EIRP[dBm] - 20 log (d[m]) + 104.77

Below 1G and restricted limit

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

Note:

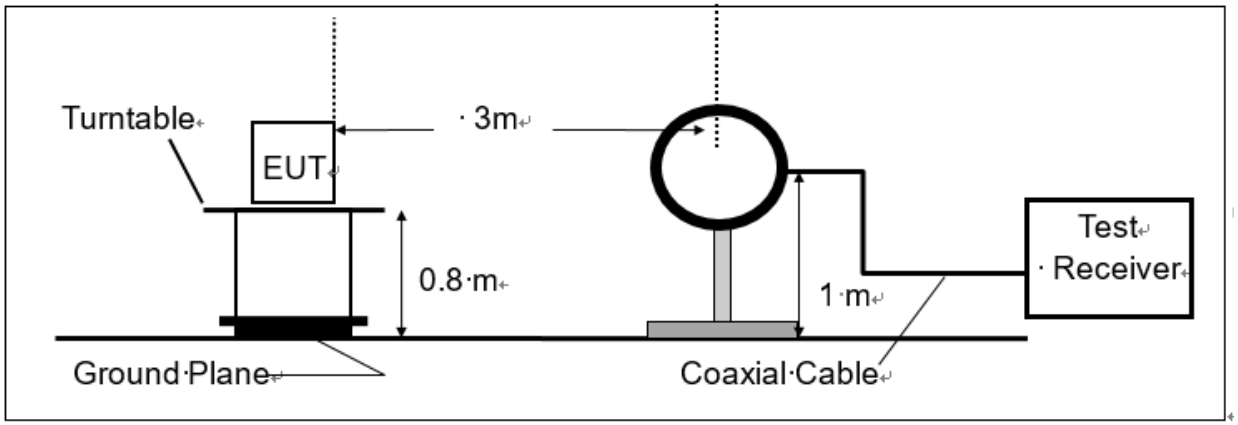
1. *The lower limit shall apply at the transition frequencies.*
2. *Emission level (dBμV/m) = 20 log Emission level (μV/m)*

12.2 Measurement Equipment Used

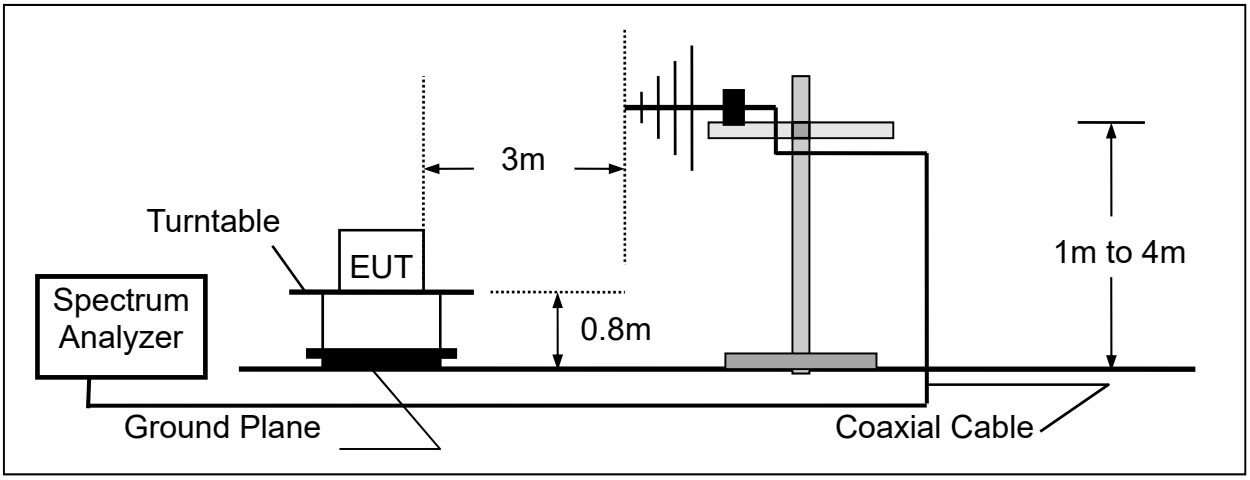
Radiated Emission Test Site: SAC 1					
EQUIPMENT TYPE	**MFR/BRAND**	**MODEL NUMBER**	**SERIAL NUMBER**	**LAST CAL.**	**CAL DUE.**
Horn Antenna	SCHWAZBECK	BBHA9170	184	12/11/2020	12/10/2021
Site Cal	SGS	SAC I chamber	N/A	01/01/2021	12/31/2021
Horn Antenna	Schwarzbeck	BBHA9120D	D803	12/17/2020	12/16/2021
Bi-log Antenna	TESEO	CBL 6112D	35242 & AT-N0555	01/13/2021	01/12/2022
Loop Antenna	ETS.LINDGREN	6502	148045	10/19/2020	10/18/2021
Spectrum Analyzer	Agilent	E4446A	MY51100003	10/29/2020	10/28/2021
Test Software	audix	e3	Ver. 6.11-20180413	01/01/2021	12/31/2021
EMI Test Receiver	R&S	ESCI 7	100759	07/13/2020	07/12/2021
Pre-Amplifier	EMC Instruments	EMC184045B	980135	12/16/2020	12/15/2021
Pre-Amplifier	HP	8449B	3008A01973	12/16/2020	12/15/2021
Pre-Amplifier	HP	8447D	2944A09469	12/16/2020	12/15/2021
Bandreject Filter 5925-6425	Woken	WFIL-N5925-6425F	WRGBAFWC2F9	04/20/2021	12/15/2021
Bandreject Filter 6425-6525	Woken	WFIL-N6425-6525F	WRGBAFWC2J1	04/20/2021	12/15/2021
Bandreject Filter 6525-6875	Woken	WFIL-N6525-6875F	WRGBAFWC2J4	04/20/2021	12/15/2021
Bandreject Filter 6875-7125	Woken	WFIL-N6875-7125F	WRGBAFWC2J9	04/20/2021	12/15/2021
High Pass Filter	WI	WHKX7.0/18G-8SS	WHKX7.0/18G-8SS	12/16/2020	12/15/2021
Coaxial Cable	Huber Suhner	succoflex 102	MY2622/2	12/16/2020	12/15/2021
Coaxial Cable	Huber Suhner	succoflex 104A	800086/4a	12/16/2020	12/15/2021
Coaxial Cable	Huber Suhner	EMC 104-SM-SM-2000	160123	12/16/2020	12/15/2021
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY2630/2	12/16/2020	12/15/2021
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY22962/2	12/16/2020	12/15/2021
Coaxial Cable	Huber Suhner	SUCOFLEX 102	SN 520430/2	12/16/2020	12/15/2021

12.3 Test SET-UP

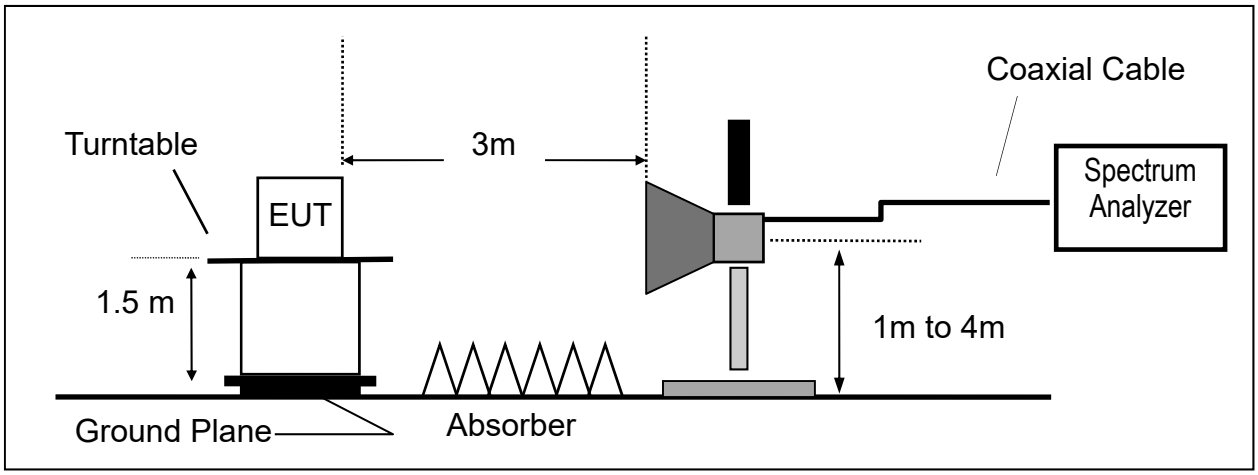
(A) Radiated Emission Test Set-UP Frequency Below 30MHz.



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



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



12.4 Measurement Procedure

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

12.5 Field Strength Calculation

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

$$FS = RA + AF + CL – AG$$

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

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

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

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

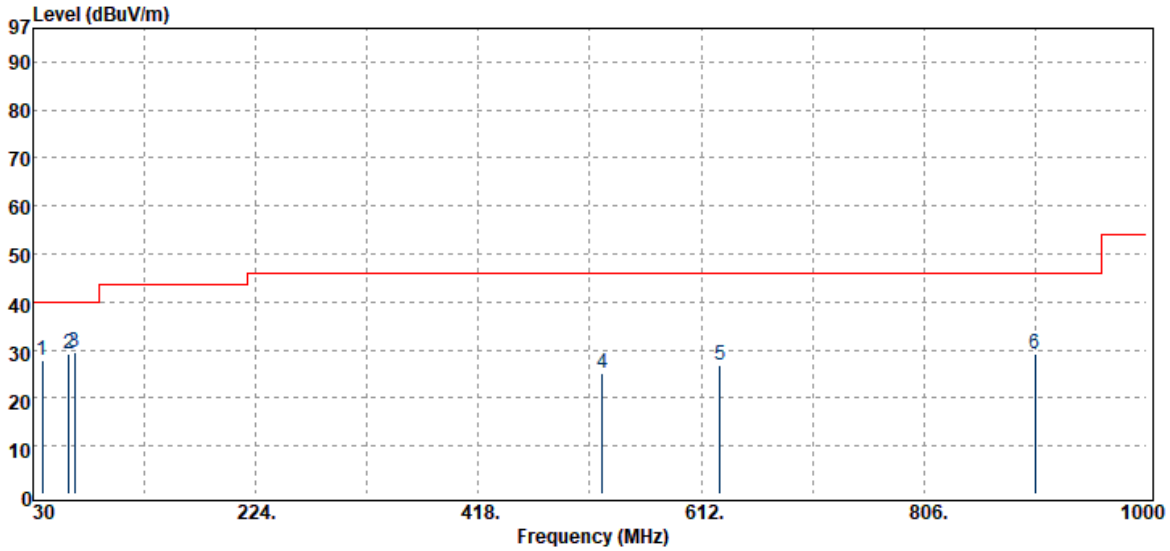
12.6 Test Results of Radiated Spurious Emissions form 9 KHz to 30 MHz

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

12.7 Radiated Spurious Emission Measurement Result

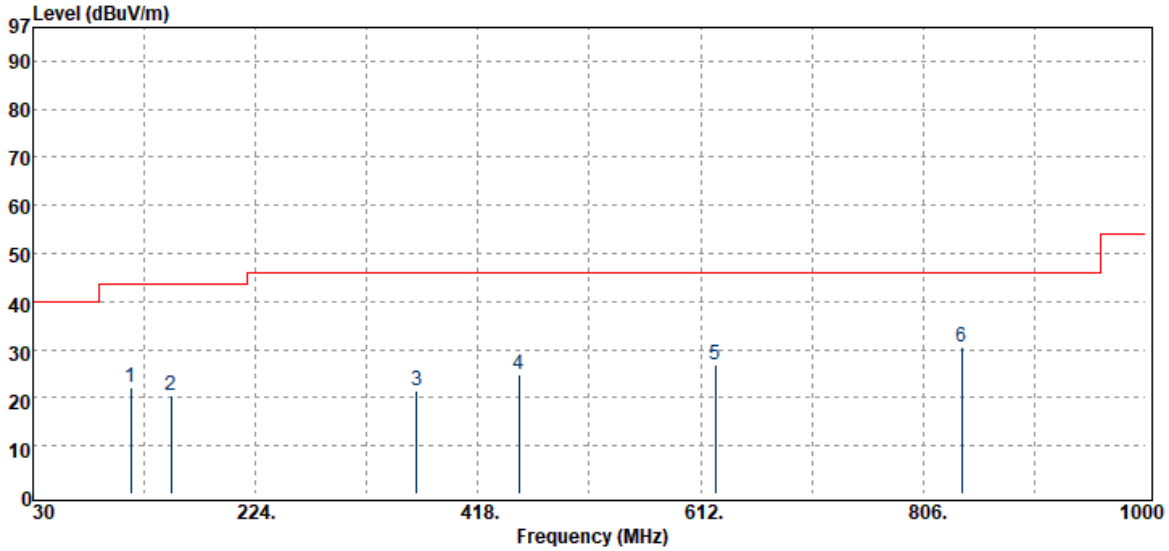
12.7.1 Below 1GHz Worst-Case Data:

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-26
Test Frequency	:6175 MHz	Temp./Humi.	:24.9/68
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



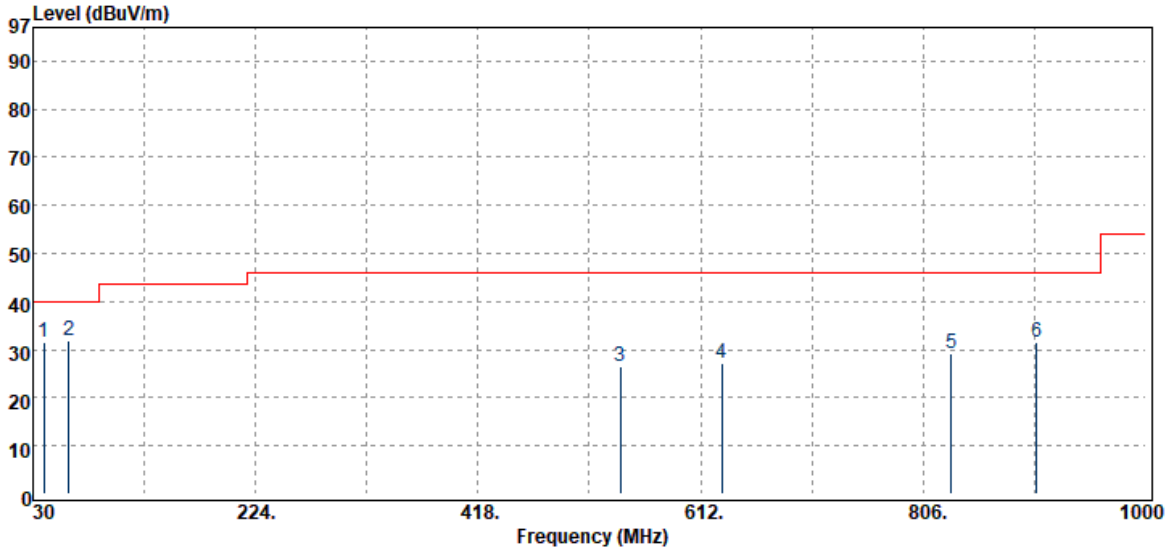
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
37.76	Peak	36.90	-8.92	27.98	40.00	-12.02
61.04	Peak	47.12	-17.94	29.18	40.00	-10.82
65.89	Peak	47.52	-18.05	29.47	40.00	-10.53
525.67	Peak	29.96	-4.87	25.09	46.00	-20.91
628.49	Peak	30.01	-3.26	26.75	46.00	-19.25
903.00	Peak	28.52	0.84	29.36	46.00	-16.64

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-26
Test Frequency	:6175 MHz	Temp./Humi.	:24.9/68
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



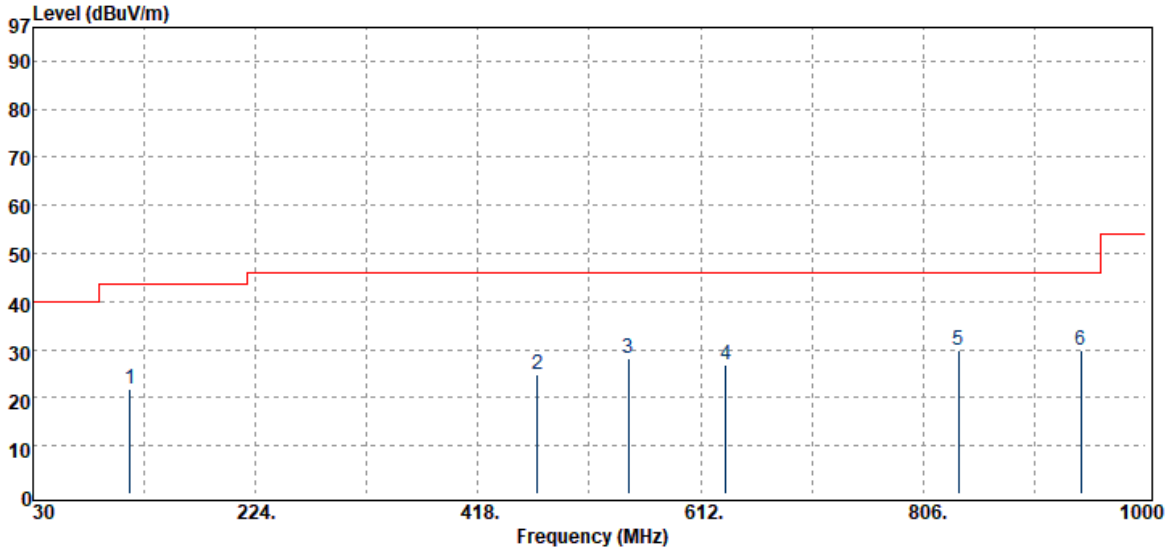
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
115.36	Peak	33.93	-11.81	22.12	43.50	-21.38
150.28	Peak	32.93	-12.59	20.34	43.50	-23.16
364.65	Peak	29.22	-7.74	21.48	46.00	-24.52
453.89	Peak	30.53	-5.63	24.90	46.00	-21.10
624.61	Peak	30.08	-3.29	26.79	46.00	-19.21
839.95	Peak	29.94	0.48	30.42	46.00	-15.58

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-26
Test Frequency	:6475 MHz	Temp./Humi.	:24.9/68
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



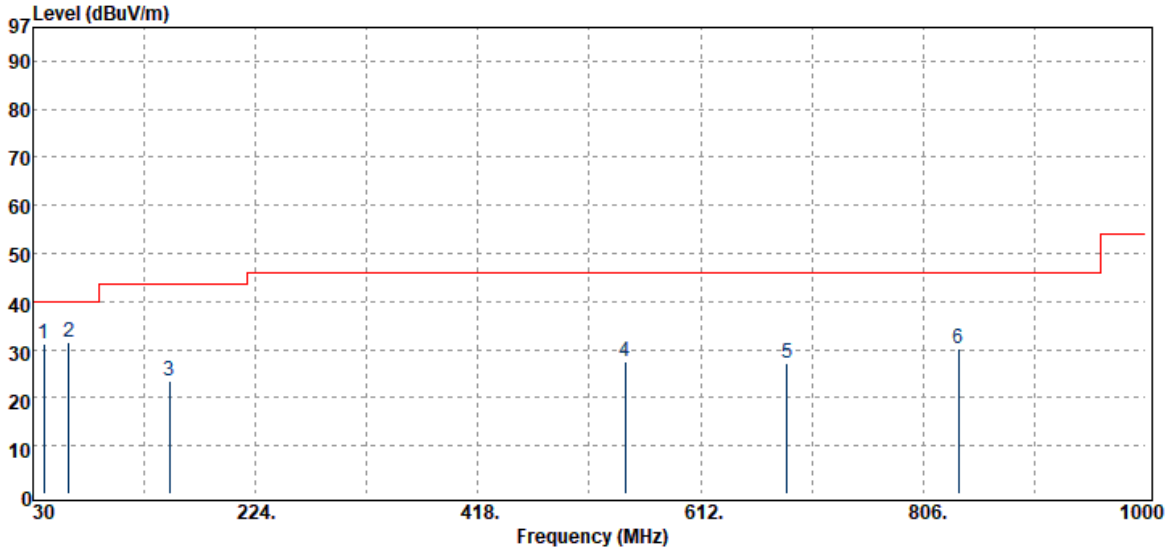
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
39.70	Peak	41.60	-10.00	31.60	40.00	-8.40
61.04	Peak	49.75	-17.94	31.81	40.00	-8.19
542.16	Peak	29.89	-3.22	26.67	46.00	-19.33
630.43	Peak	30.34	-3.24	27.10	46.00	-18.90
830.25	Peak	29.28	0.05	29.33	46.00	-16.67
904.94	Peak	30.51	0.92	31.43	46.00	-14.57

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-26
Test Frequency	:6475 MHz	Temp./Humi.	:24.9/68
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



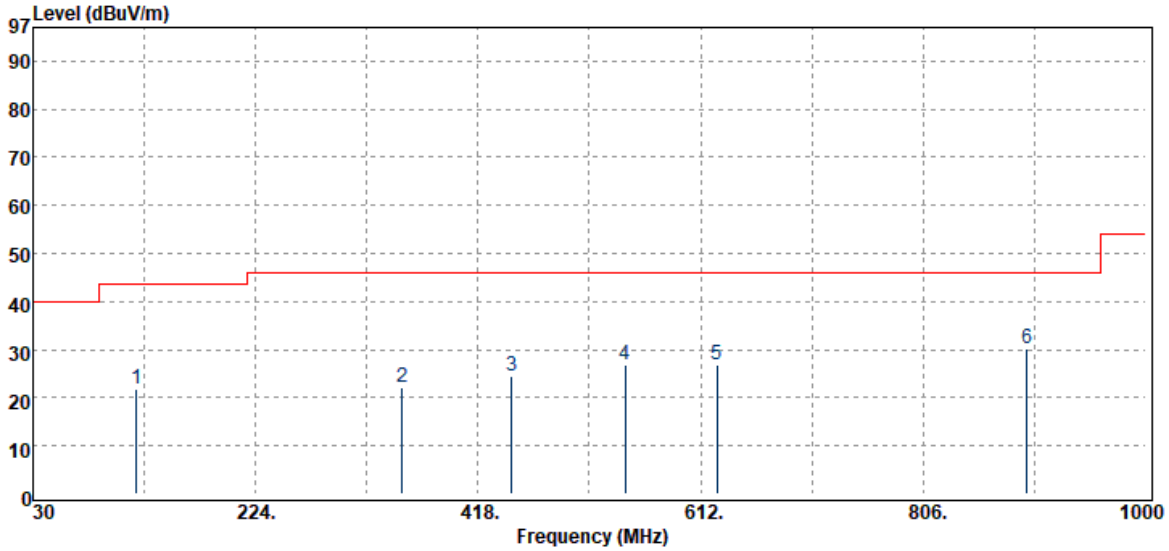
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
114.39	Peak	33.68	-11.81	21.87	43.50	-21.63
469.41	Peak	30.49	-5.82	24.67	46.00	-21.33
548.95	Peak	31.24	-3.20	28.04	46.00	-17.96
634.31	Peak	30.04	-3.17	26.87	46.00	-19.13
837.04	Peak	29.64	0.38	30.02	46.00	-15.98
943.74	Peak	29.70	0.22	29.92	46.00	-16.08

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-26
Test Frequency	:6695 MHz	Temp./Humi.	:24.9/68
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



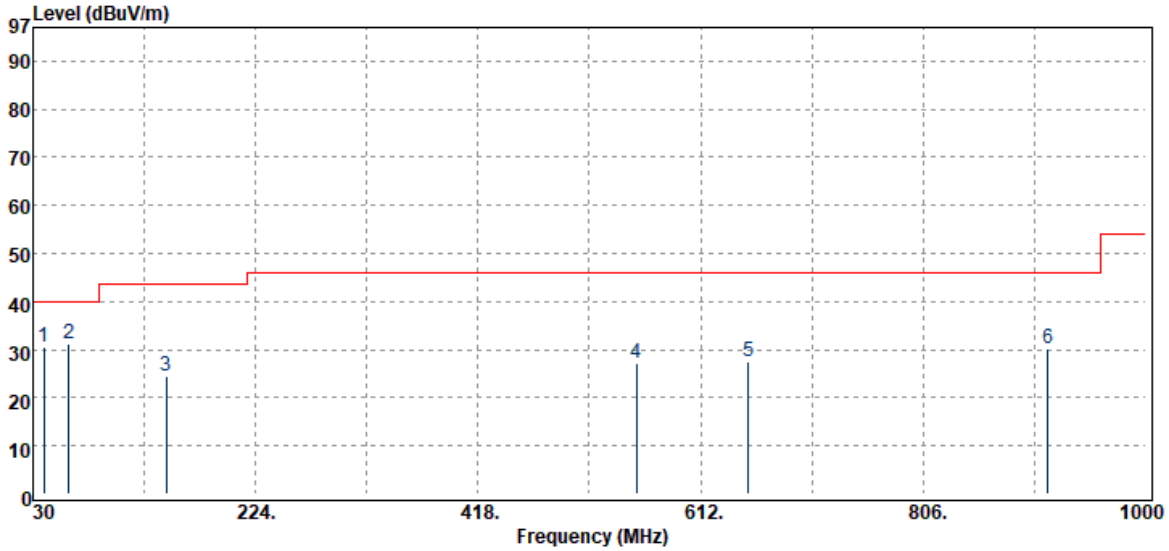
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
39.70	Peak	41.36	-10.00	31.36	40.00	-8.64
61.04	Peak	49.53	-17.94	31.59	40.00	-8.41
149.31	Peak	36.11	-12.54	23.57	43.50	-19.93
546.04	Peak	30.54	-3.16	27.38	46.00	-18.62
687.66	Peak	29.74	-2.42	27.32	46.00	-18.68
837.04	Peak	29.69	0.38	30.07	46.00	-15.93

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-26
Test Frequency	:6695 MHz	Temp./Humi.	:24.9/68
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



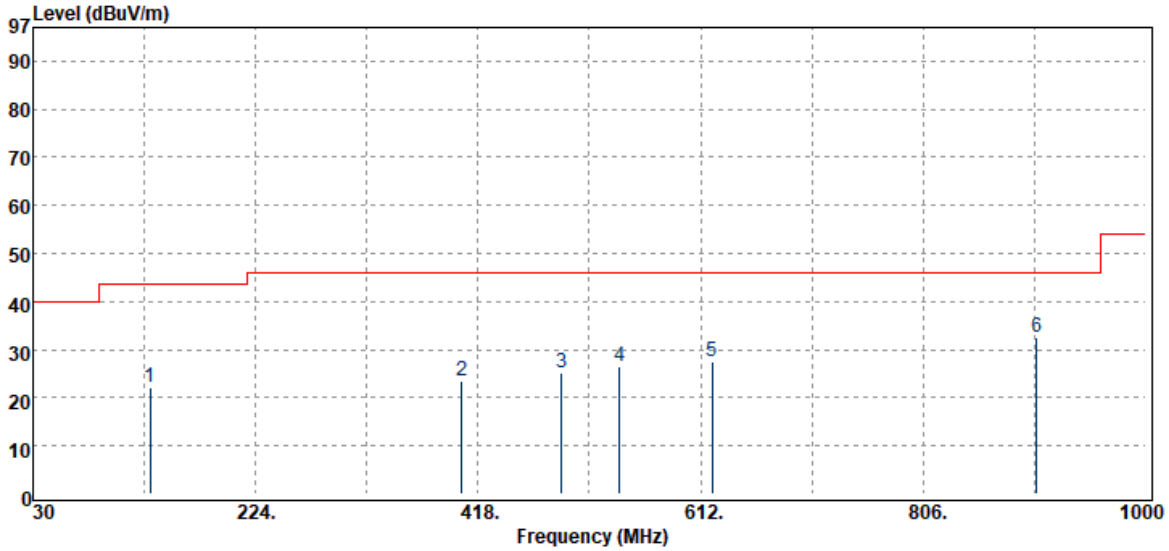
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
120.21	Peak	33.56	-11.67	21.89	43.50	-21.61
352.04	Peak	29.82	-7.65	22.17	46.00	-23.83
447.10	Peak	30.16	-5.72	24.44	46.00	-21.56
546.04	Peak	30.10	-3.16	26.94	46.00	-19.06
626.55	Peak	30.13	-3.27	26.86	46.00	-19.14
896.21	Peak	29.79	0.39	30.18	46.00	-15.82

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-26
Test Frequency	:6995 MHz	Temp./Humi.	:24.9/68
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



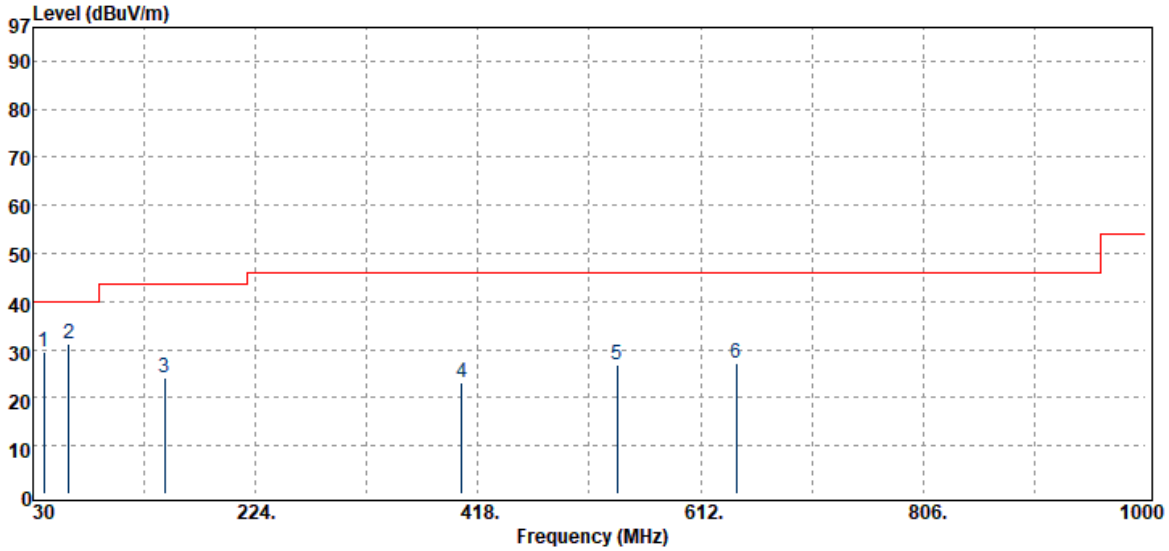
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
39.70	Peak	40.59	-10.00	30.59	40.00	-9.41
61.04	Peak	49.20	-17.94	31.26	40.00	-8.74
146.40	Peak	36.80	-12.35	24.45	43.50	-19.05
555.74	Peak	31.01	-3.67	27.34	46.00	-18.66
653.71	Peak	30.99	-3.36	27.63	46.00	-18.37
914.64	Peak	29.30	0.99	30.29	46.00	-15.71

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-26
Test Frequency	:6995 MHz	Temp./Humi.	:24.9/68
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



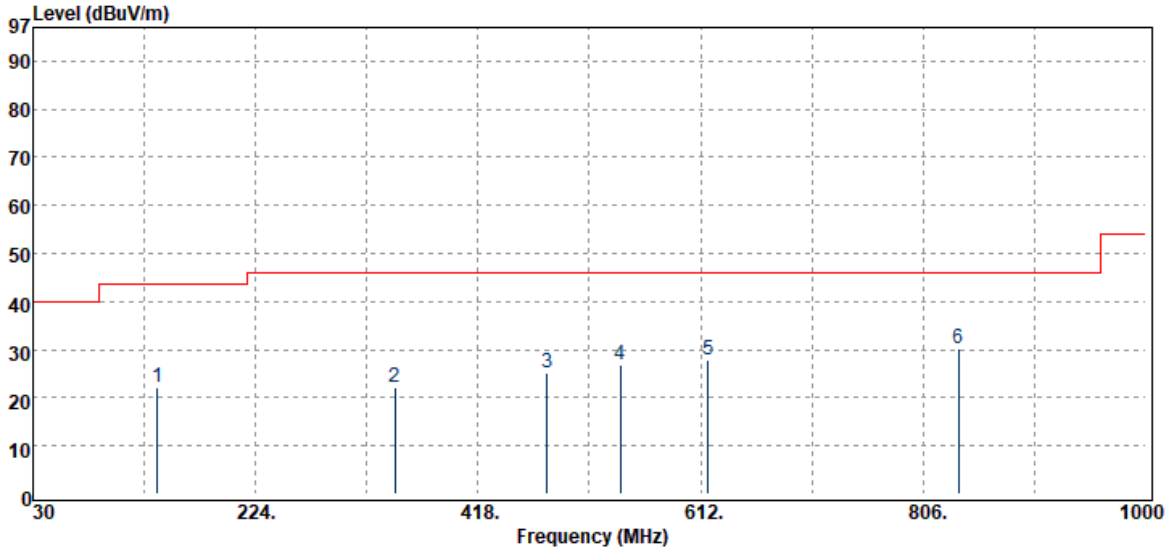
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
131.85	Peak	33.73	-11.72	22.01	43.50	-21.49
403.45	Peak	29.91	-6.42	23.49	46.00	-22.51
490.75	Peak	30.71	-5.57	25.14	46.00	-20.86
541.19	Peak	29.79	-3.24	26.55	46.00	-19.45
621.70	Peak	30.77	-3.36	27.41	46.00	-18.59
904.94	Peak	31.66	0.92	32.58	46.00	-13.42

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-26
Test Frequency	:6185 MHz	Temp./Humi.	:24.9/68
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



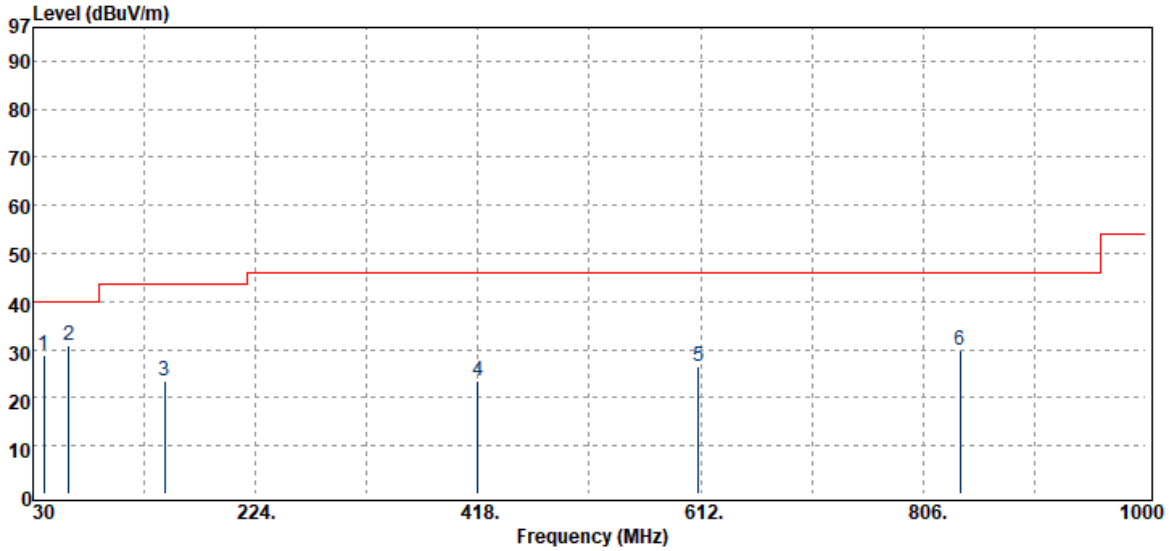
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
39.70	Peak	39.60	-10.00	29.60	40.00	-10.40
61.04	Peak	49.13	-17.94	31.19	40.00	-8.81
144.46	Peak	36.31	-12.24	24.07	43.50	-19.43
403.45	Peak	29.47	-6.42	23.05	46.00	-22.95
539.25	Peak	30.12	-3.37	26.75	46.00	-19.25
643.04	Peak	30.45	-3.28	27.17	46.00	-18.83

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-26
Test Frequency	:6185 MHz	Temp./Humi.	:24.9/68
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



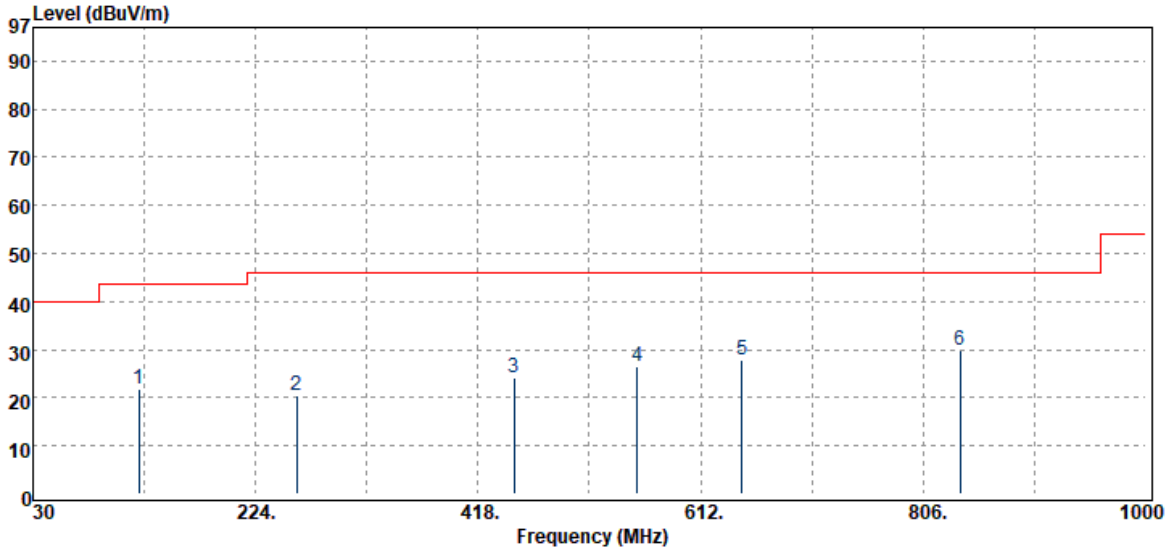
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
138.64	Peak	34.13	-11.91	22.22	43.50	-21.28
345.25	Peak	30.14	-7.88	22.26	46.00	-23.74
478.14	Peak	30.82	-5.78	25.04	46.00	-20.96
542.16	Peak	30.16	-3.22	26.94	46.00	-19.06
618.79	Peak	31.22	-3.44	27.78	46.00	-18.22
837.04	Peak	29.71	0.38	30.09	46.00	-15.91

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-26
Test Frequency	:6505 MHz	Temp./Humi.	:24.9/68
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



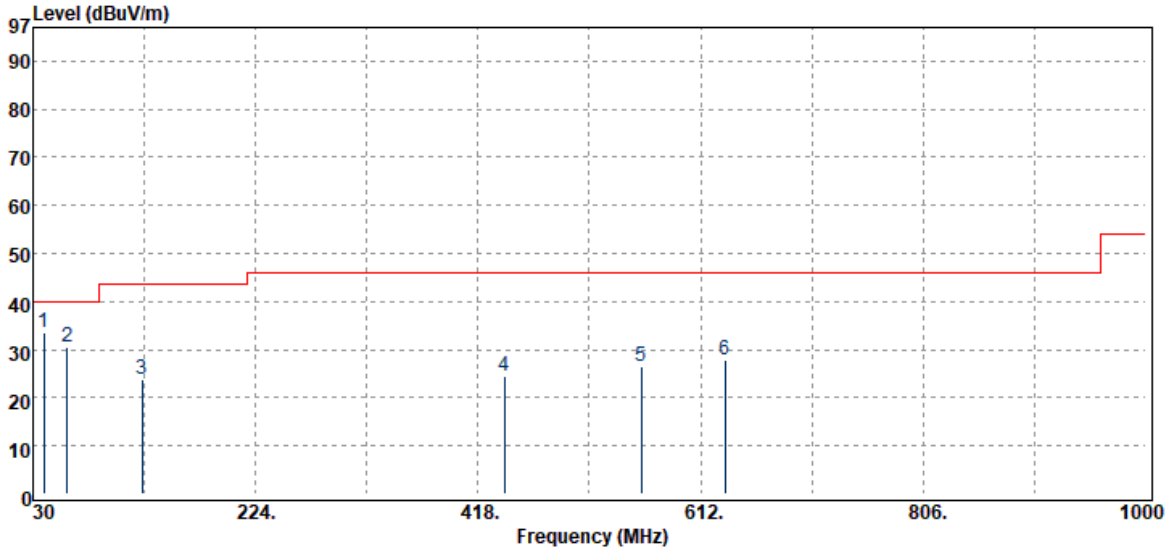
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
39.70	Peak	38.71	-10.00	28.71	40.00	-11.29
61.04	Peak	48.86	-17.94	30.92	40.00	-9.08
144.46	Peak	35.80	-12.24	23.56	43.50	-19.94
418.00	Peak	30.12	-6.56	23.56	46.00	-22.44
610.06	Peak	30.18	-3.55	26.63	46.00	-19.37
838.01	Peak	29.29	0.42	29.71	46.00	-16.29

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-26
Test Frequency	:6505 MHz	Temp./Humi.	:24.9/68
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



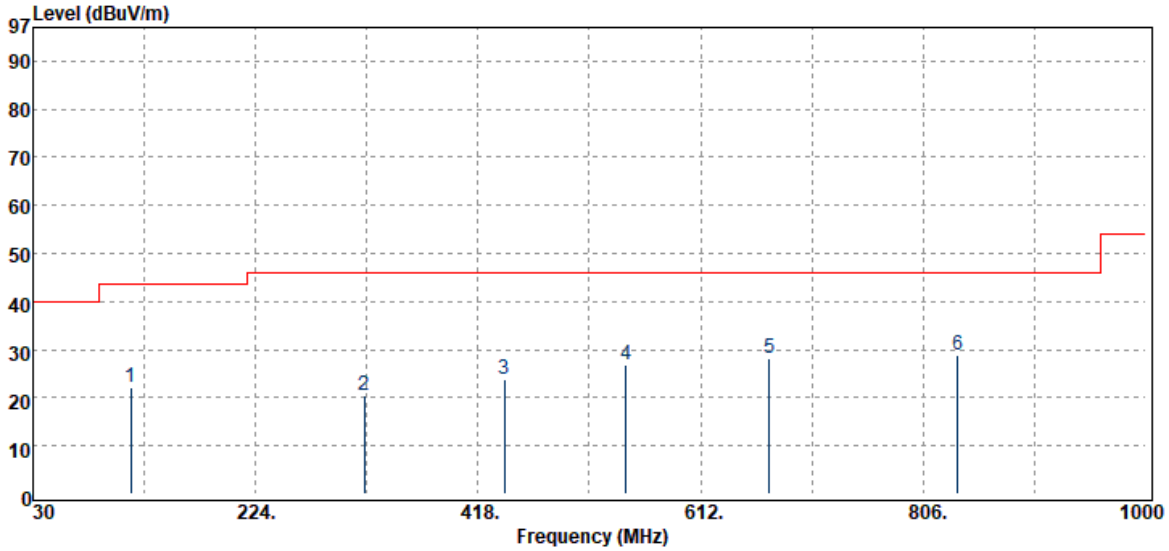
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
122.15	Peak	33.56	-11.62	21.94	43.50	-21.56
259.89	Peak	29.12	-8.64	20.48	46.00	-25.52
449.04	Peak	29.89	-5.66	24.23	46.00	-21.77
556.71	Peak	30.35	-3.77	26.58	46.00	-19.42
647.89	Peak	31.07	-3.30	27.77	46.00	-18.23
838.01	Peak	29.51	0.42	29.93	46.00	-16.07

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-26
Test Frequency	:6665 MHz	Temp./Humi.	:24.9/68
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



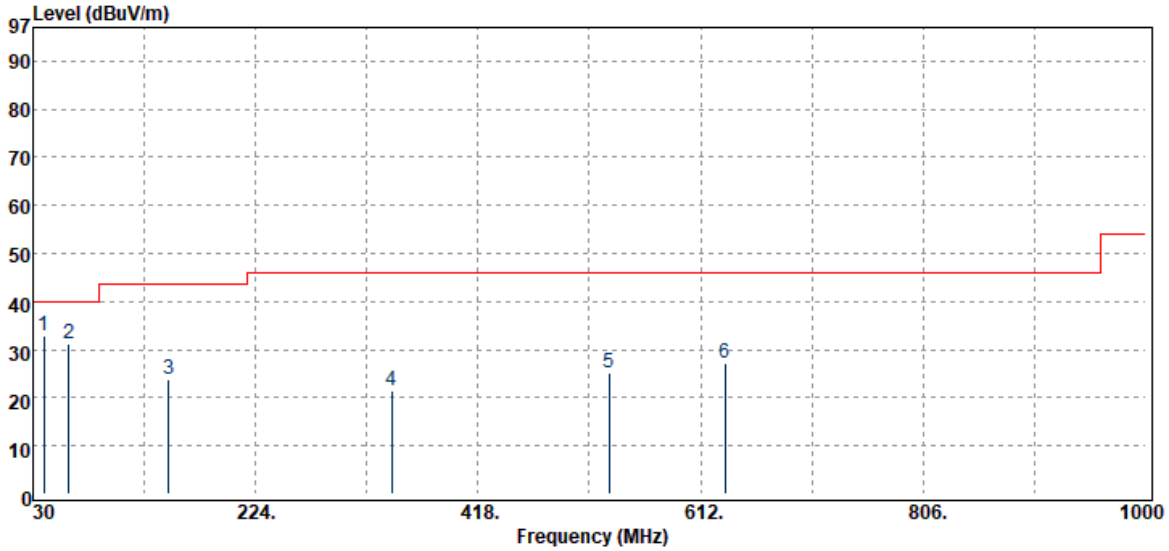
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
39.70	Peak	43.72	-10.00	33.72	40.00	-6.28
60.07	Peak	48.36	-17.94	30.42	40.00	-9.58
125.06	Peak	35.44	-11.64	23.80	43.50	-19.70
441.28	Peak	30.60	-6.05	24.55	46.00	-21.45
560.59	Peak	30.69	-4.14	26.55	46.00	-19.45
633.34	Peak	31.05	-3.19	27.86	46.00	-18.14

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-26
Test Frequency	:6665 MHz	Temp./Humi.	:24.9/68
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



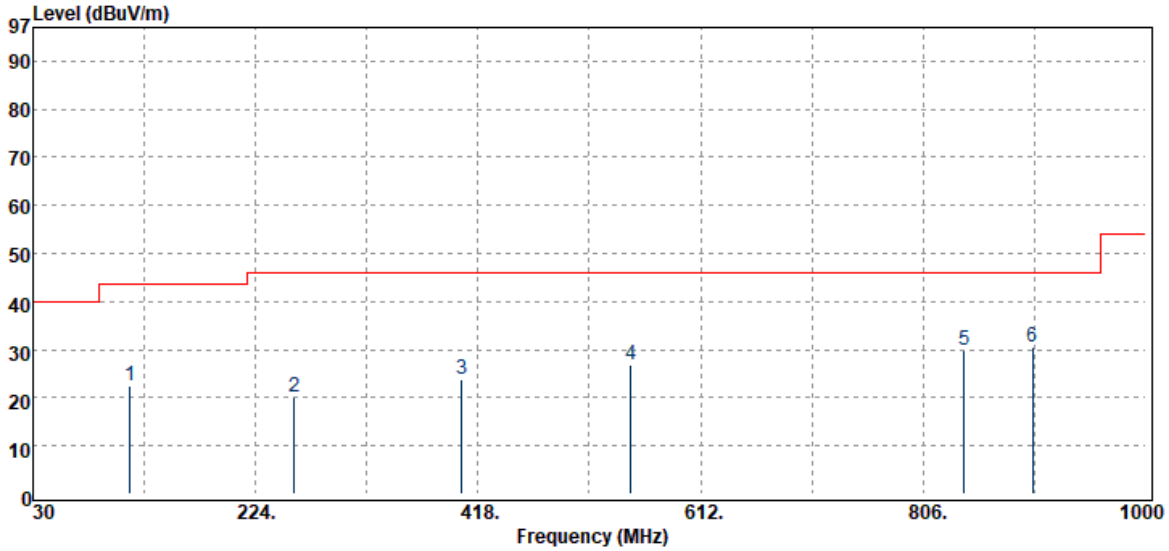
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
115.36	Peak	34.09	-11.81	22.28	43.50	-21.22
319.06	Peak	29.24	-8.75	20.49	46.00	-25.51
441.28	Peak	29.90	-6.05	23.85	46.00	-22.15
547.01	Peak	29.88	-3.17	26.71	46.00	-19.29
672.14	Peak	31.33	-2.99	28.34	46.00	-17.66
836.07	Peak	28.64	0.35	28.99	46.00	-17.01

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-26
Test Frequency	:6985 MHz	Temp./Humi.	:24.9/68
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
39.70	Peak	42.75	-10.00	32.75	40.00	-7.25
61.04	Peak	49.27	-17.94	31.33	40.00	-8.67
148.34	Peak	36.24	-12.44	23.80	43.50	-19.70
342.34	Peak	29.54	-7.89	21.65	46.00	-24.35
532.46	Peak	29.42	-4.20	25.22	46.00	-20.78
633.34	Peak	30.27	-3.19	27.08	46.00	-18.92

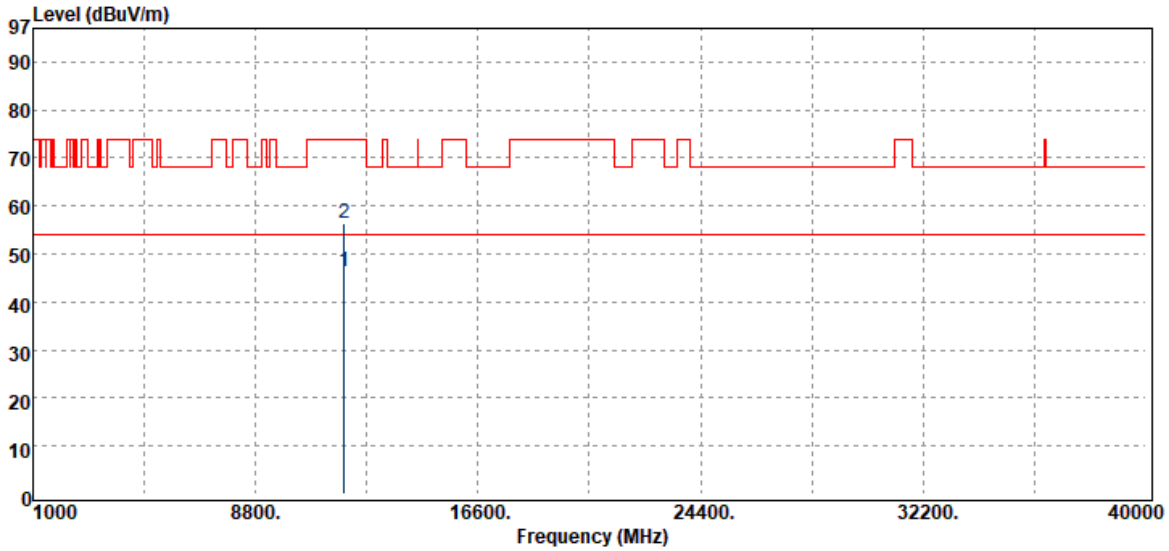
Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-26
Test Frequency	:6985 MHz	Temp./Humi.	:24.9/68
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
114.39	Peak	34.14	-11.81	22.33	43.50	-21.17
257.95	Peak	29.12	-8.87	20.25	46.00	-25.75
403.45	Peak	30.25	-6.42	23.83	46.00	-22.17
550.89	Peak	30.16	-3.29	26.87	46.00	-19.13
841.89	Peak	29.51	0.31	29.82	46.00	-16.18
901.06	Peak	29.75	0.76	30.51	46.00	-15.49

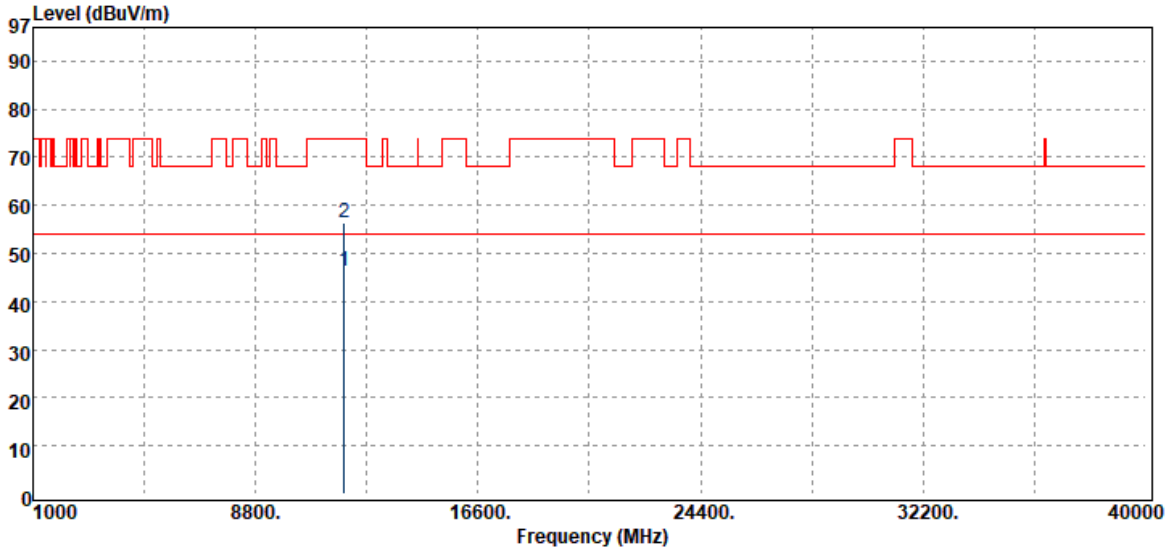
12.7.2 Above 1GHz Worst-Case Data:

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:5955 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



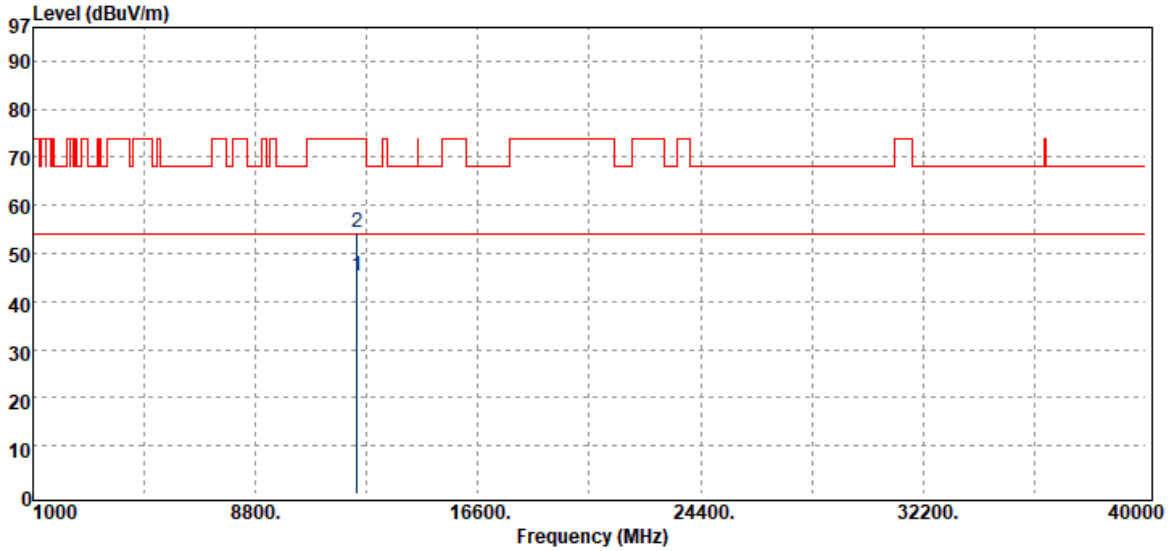
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11910.00	Average	25.48	20.96	46.44	54.00	-7.56
11910.00	Peak	35.50	20.96	56.46	74.00	-17.54

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:5955 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



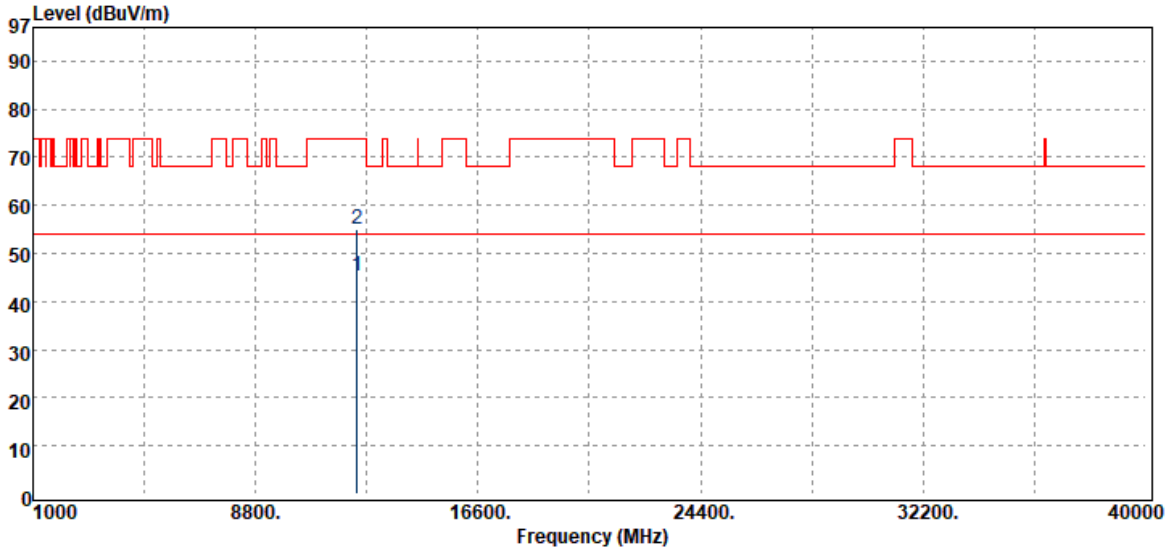
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11910.00	Average	25.48	20.96	46.44	54.00	-7.56
11910.00	Peak	35.44	20.96	56.40	74.00	-17.60

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6175 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



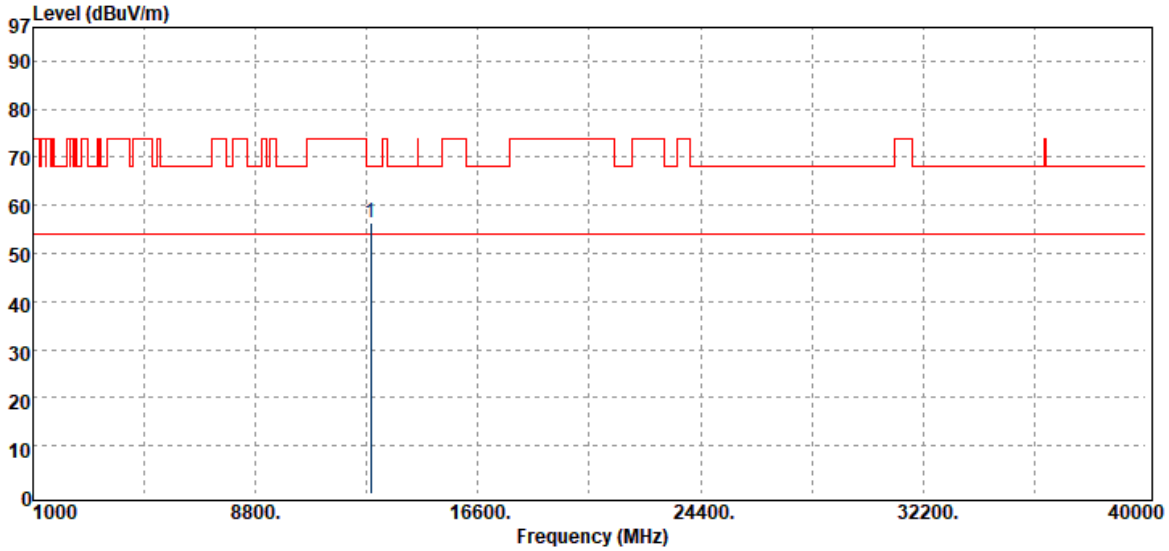
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12350.00	Average	25.38	19.88	45.26	54.00	-8.74
12350.00	Peak	34.47	19.88	54.35	74.00	-19.65

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6175 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



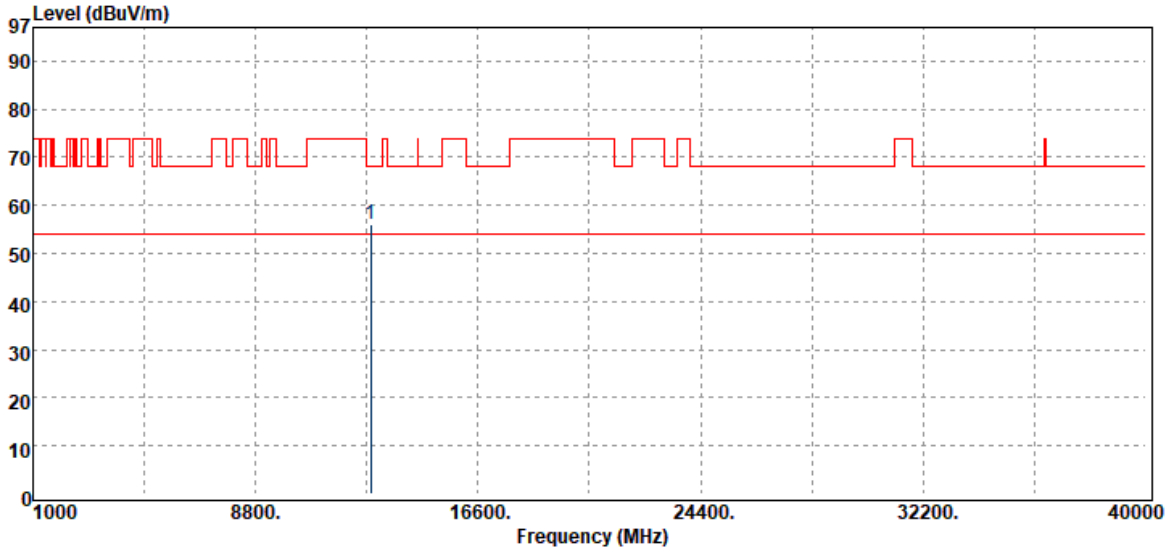
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12350.00	Average	25.34	19.88	45.22	54.00	-8.78
12350.00	Peak	35.13	19.88	55.01	74.00	-18.99

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6415 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



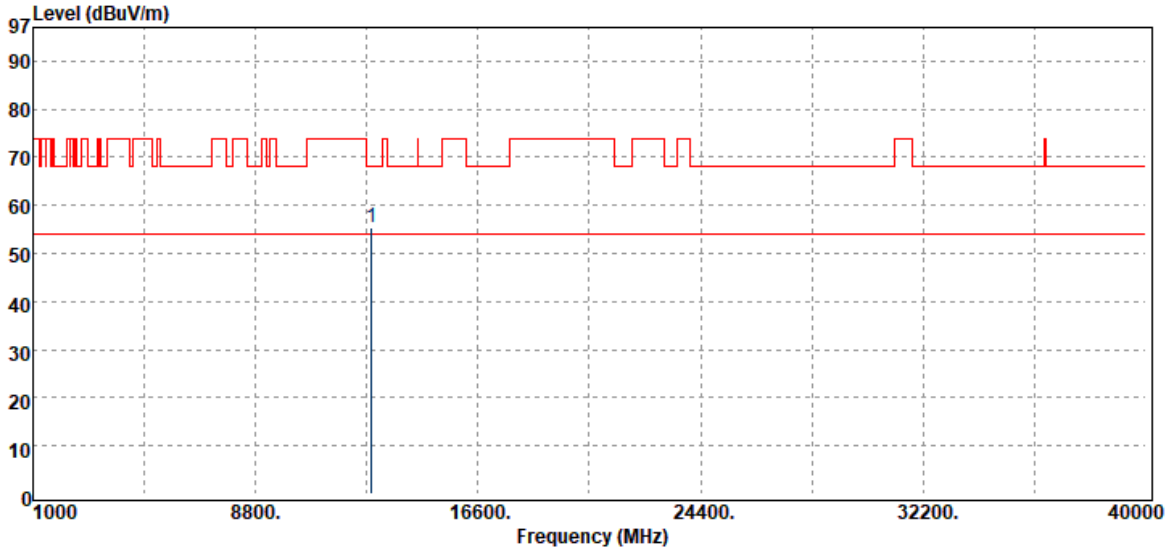
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12830.00	Peak	34.88	21.63	56.51	68.20	-11.69

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6415 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



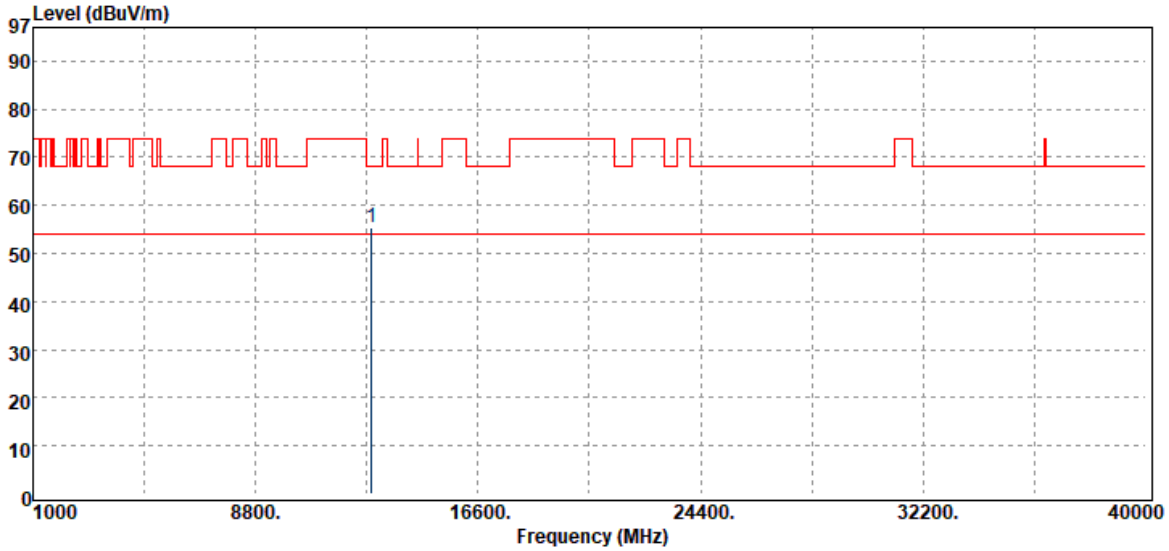
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12830.00	Peak	34.40	21.63	56.03	68.20	-12.17

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6435 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



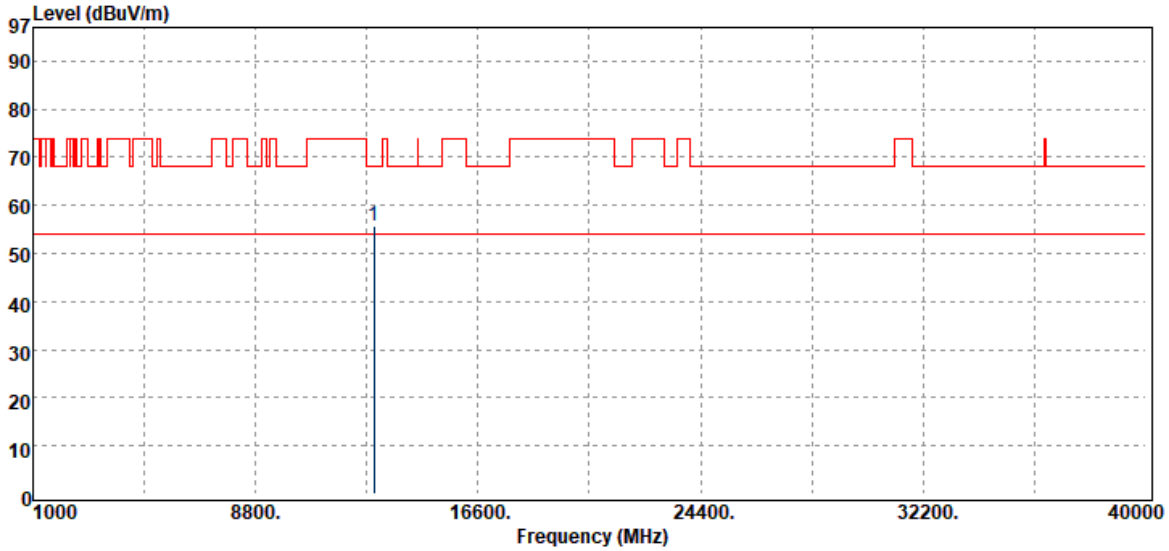
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12870.00	Peak	34.02	21.34	55.36	68.20	-12.84

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6435 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



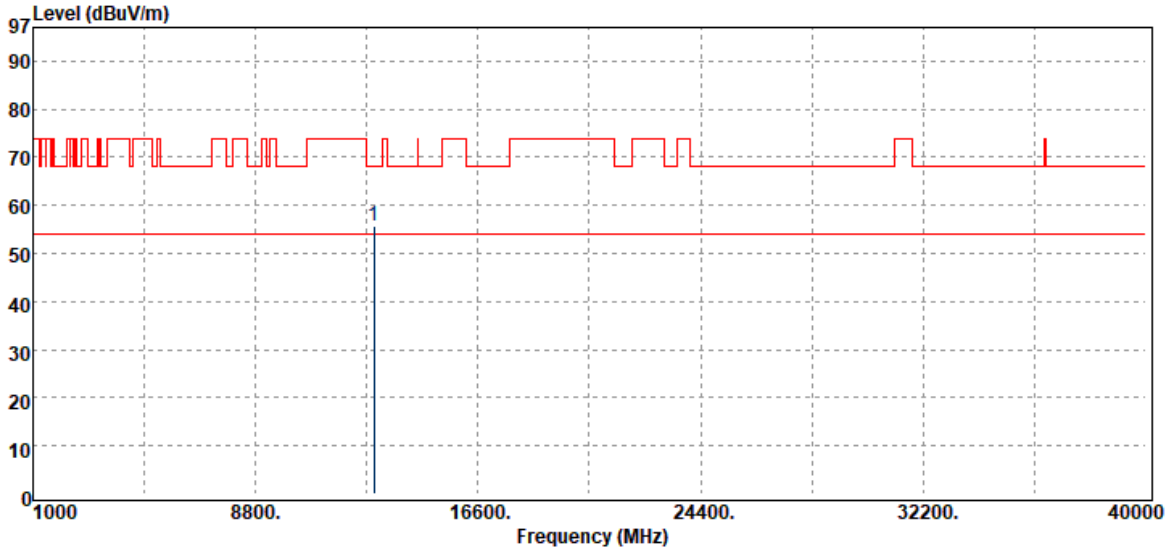
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12870.00	Peak	34.20	21.34	55.54	68.20	-12.66

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6475 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



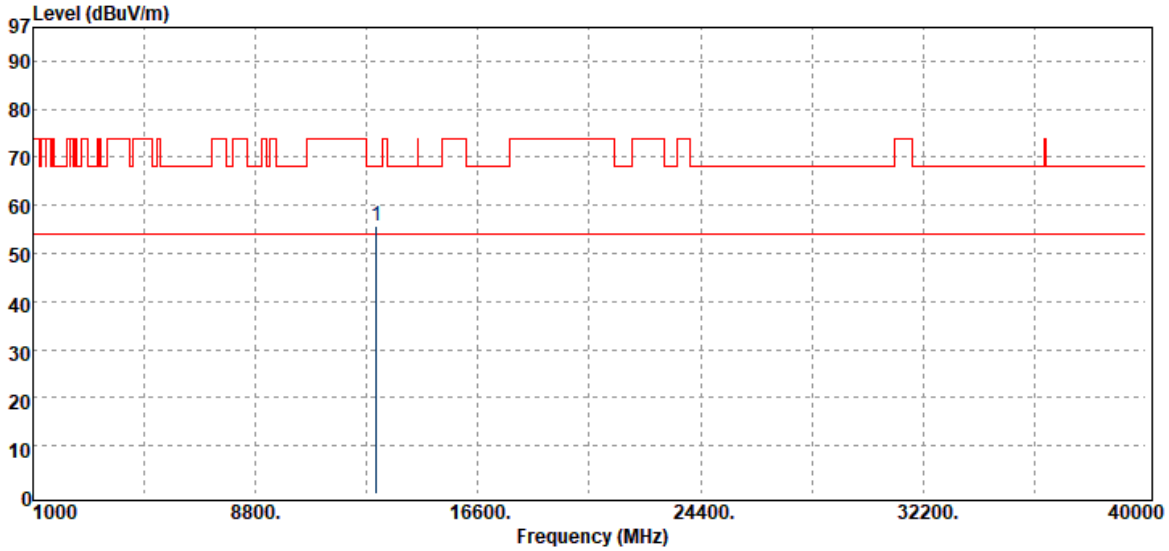
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12950.00	Peak	33.79	22.03	55.82	68.20	-12.38

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6475 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



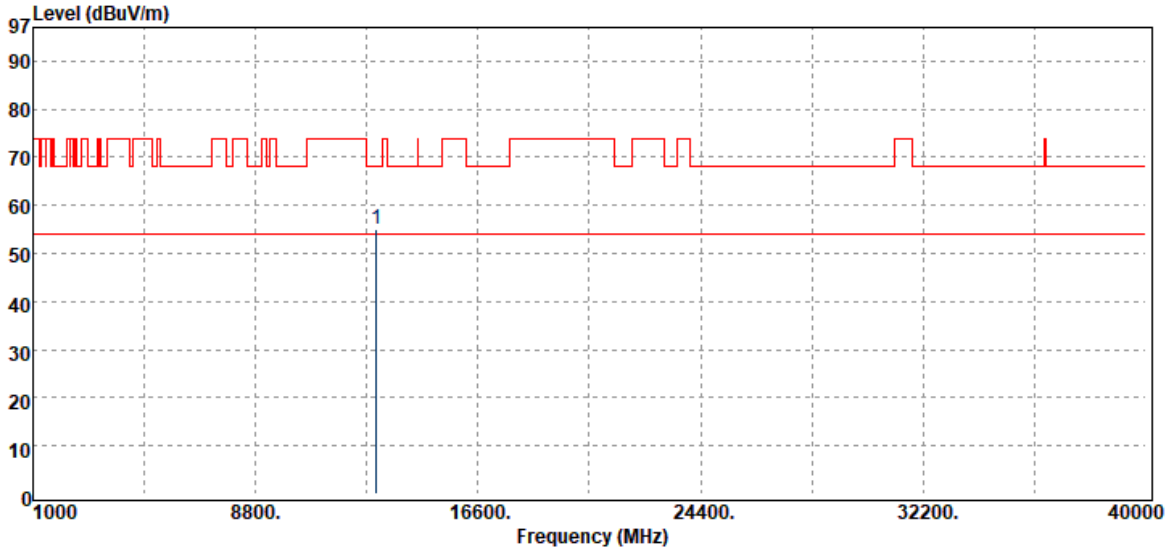
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12950.00	Peak	33.85	22.03	55.88	68.20	-12.32

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6515 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



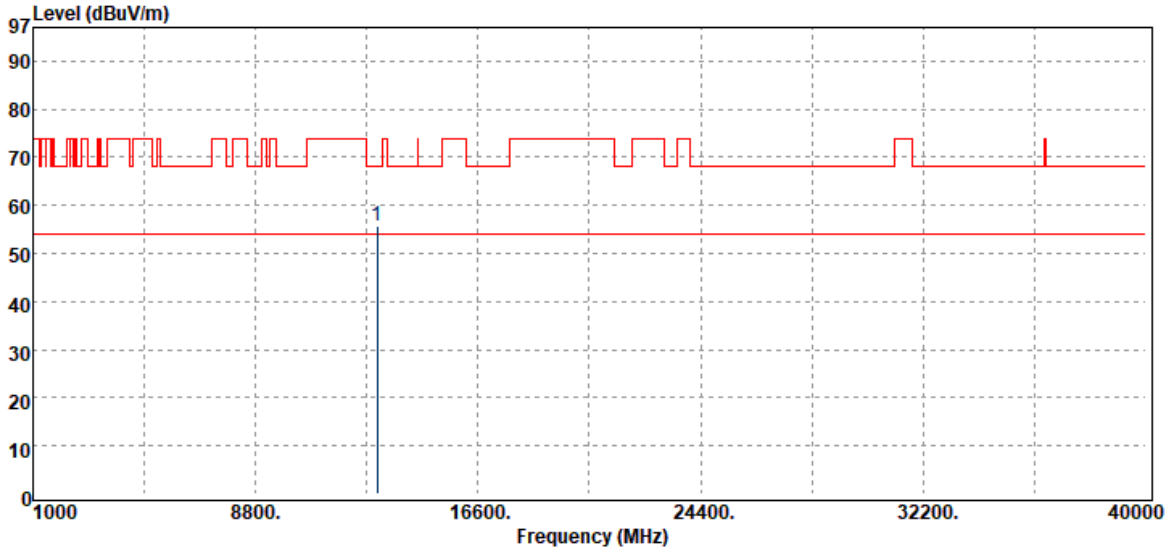
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13030.00	Peak	34.19	21.54	55.73	68.20	-12.47

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6515 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



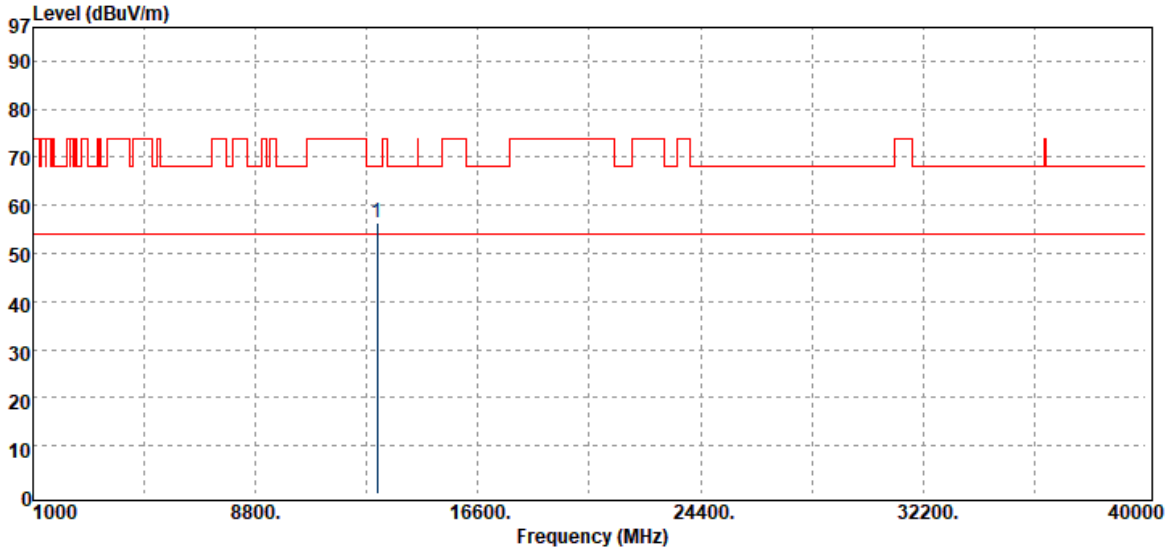
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13030.00	Peak	33.36	21.54	54.90	68.20	-13.30

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6535 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



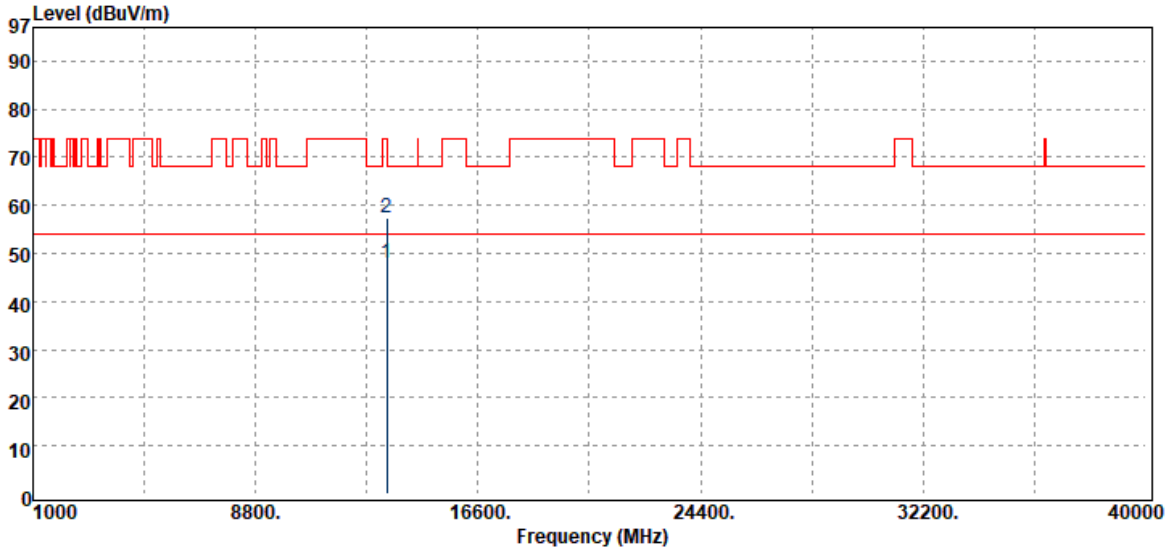
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13070.00	Peak	33.89	21.80	55.69	68.20	-12.51

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6535 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



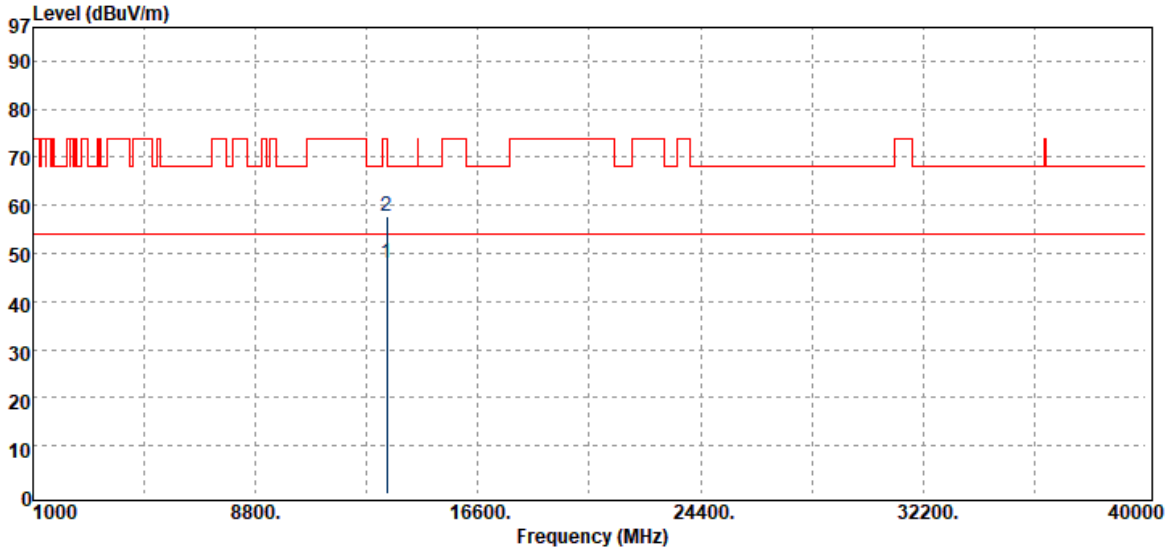
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13070.00	Peak	34.63	21.80	56.43	68.20	-11.77

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6695 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



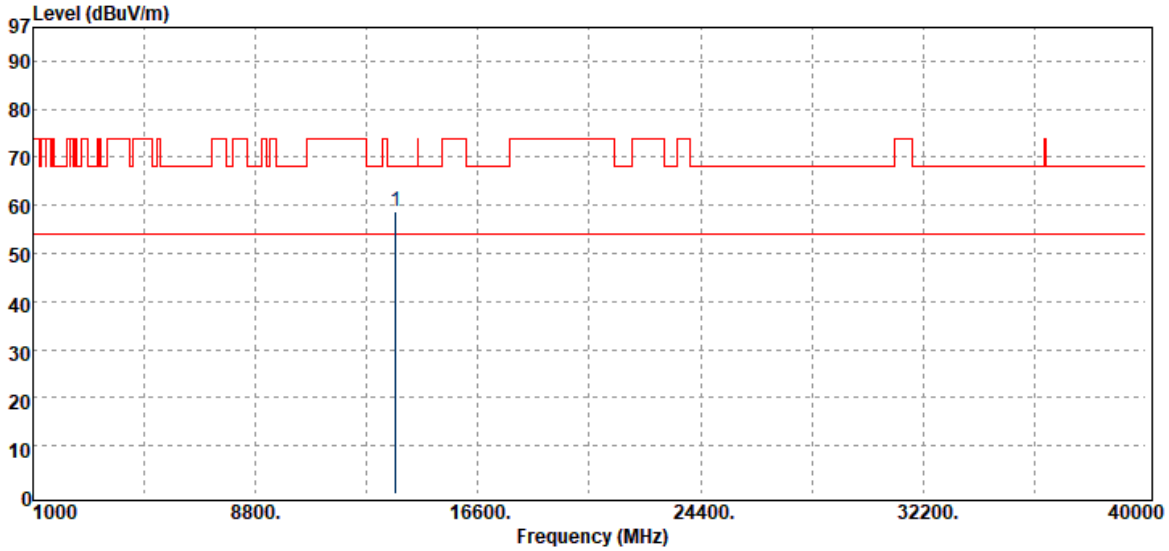
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13390.00	Average	25.30	22.67	47.97	54.00	-6.03
13390.00	Peak	34.58	22.67	57.25	74.00	-16.75

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6695 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



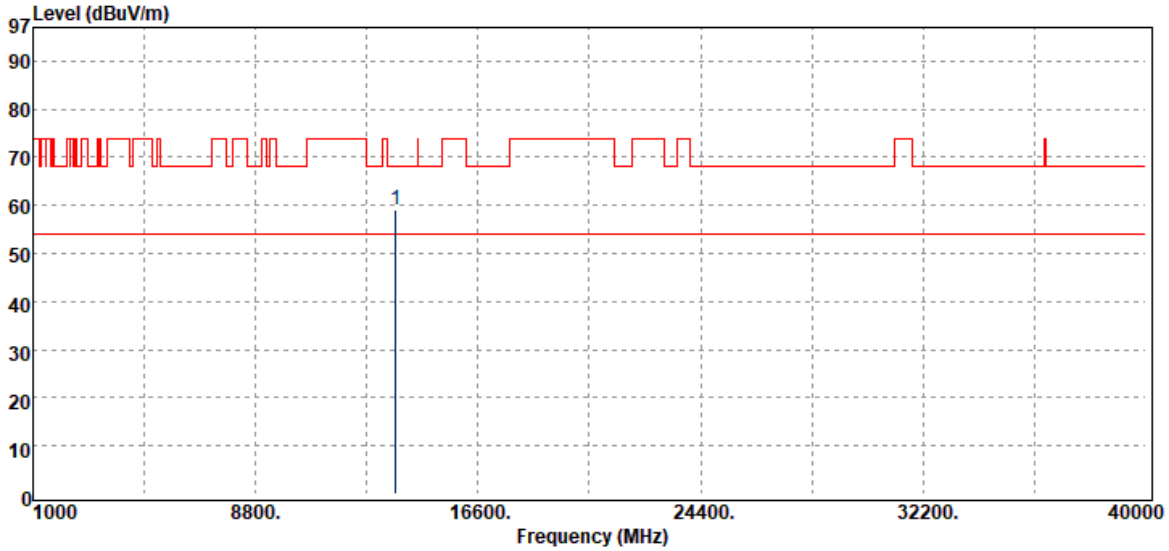
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13390.00	Average	25.35	22.67	48.02	54.00	-5.98
13390.00	Peak	34.96	22.67	57.63	74.00	-16.37

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6855 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



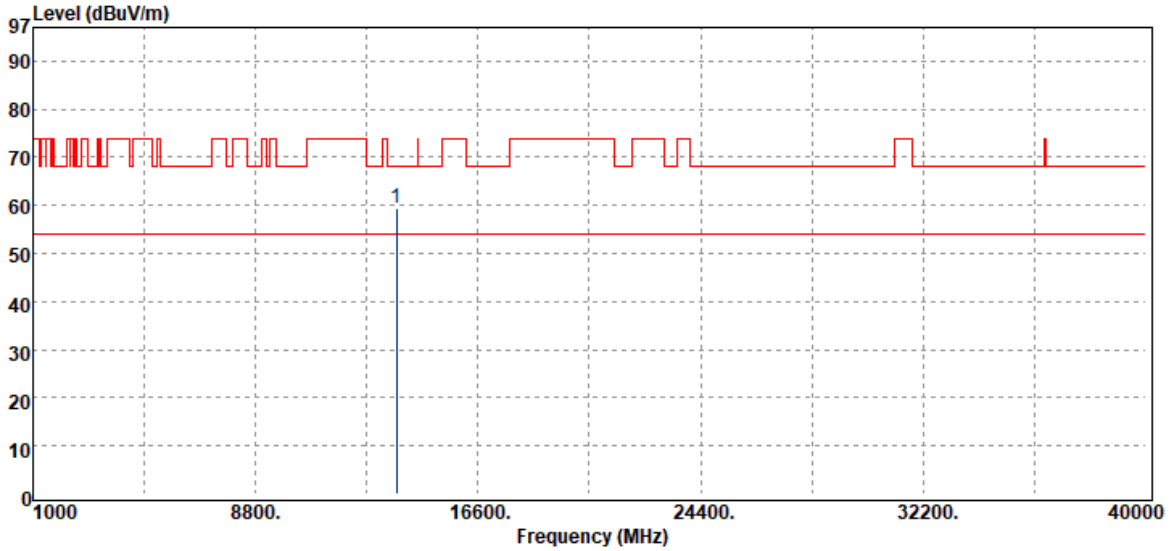
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13710.00	Peak	34.85	23.93	58.78	68.20	-9.42

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6855 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



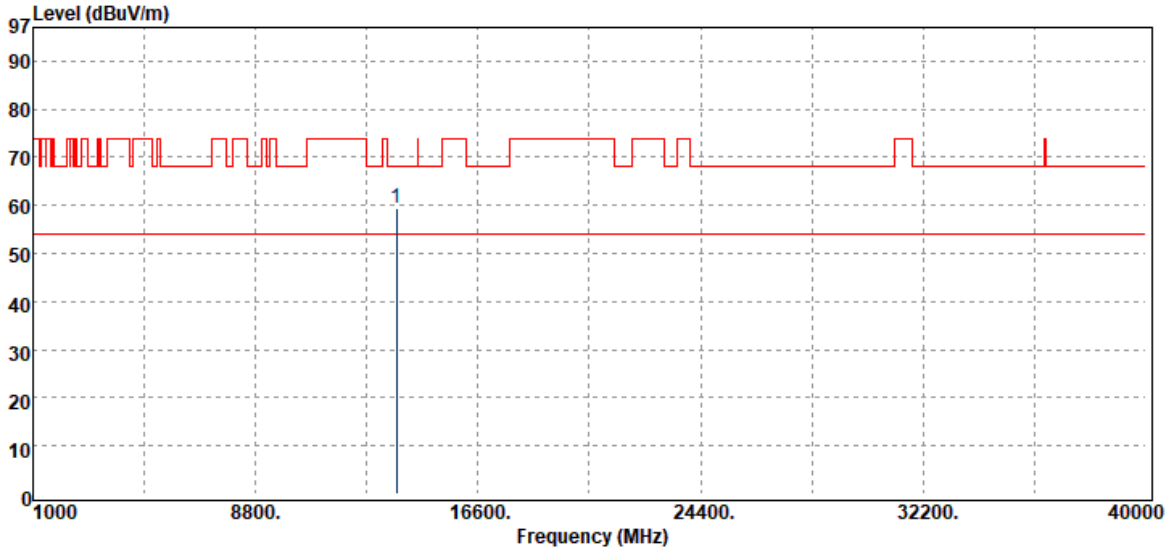
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13710.00	Peak	35.08	23.93	59.01	68.20	-9.19

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6875 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



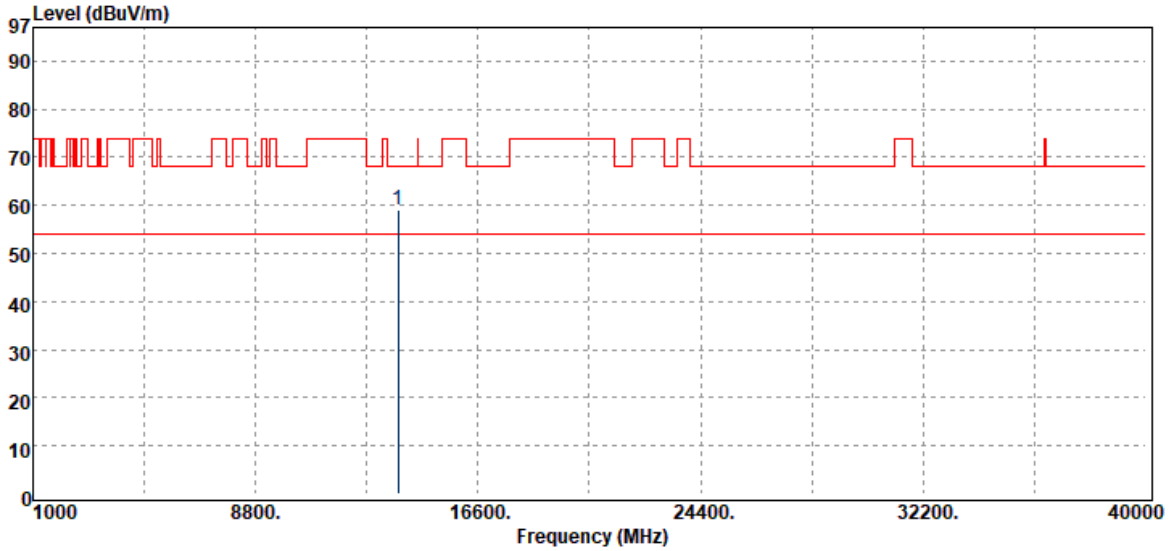
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13750.00	Peak	34.99	24.38	59.37	68.20	-8.83

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6875 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



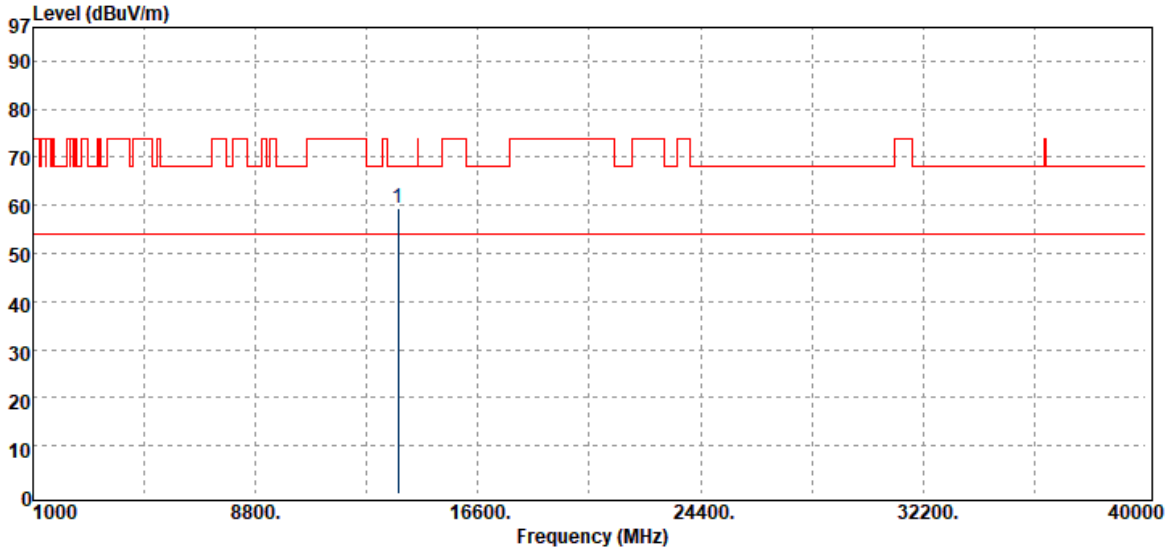
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13750.00	Peak	35.06	24.38	59.44	68.20	-8.76

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6895 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



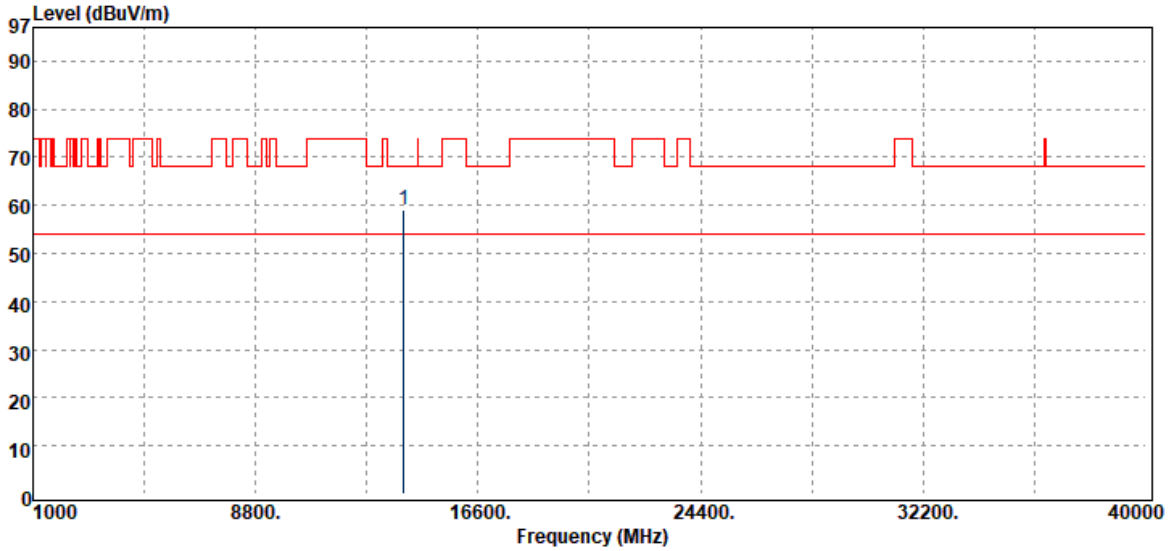
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13790.00	Peak	34.75	24.30	59.05	68.20	-9.15

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6895 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



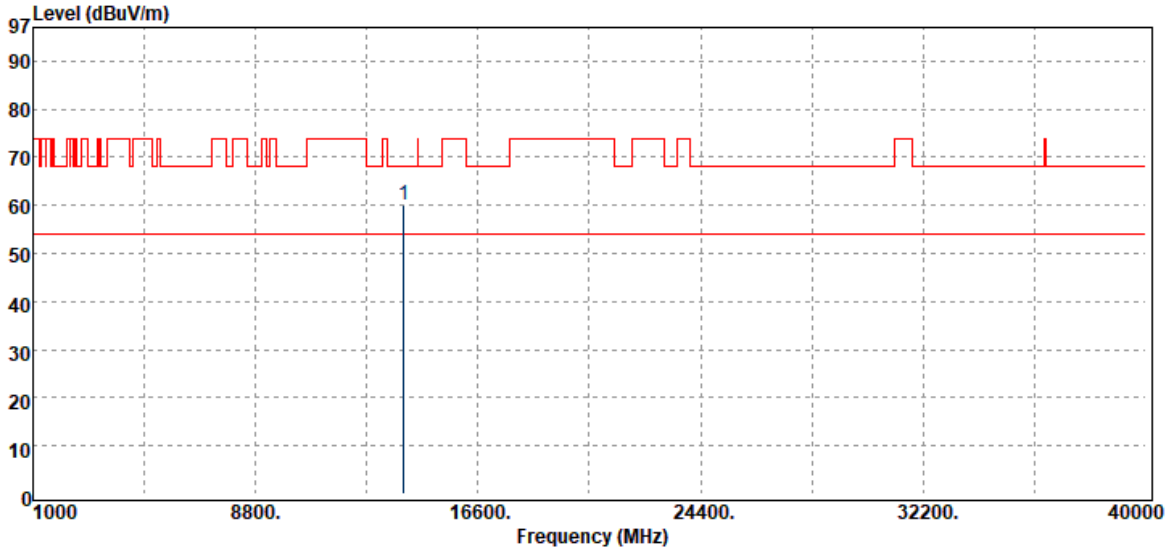
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13790.00	Peak	35.16	24.30	59.46	68.20	-8.74

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6995 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



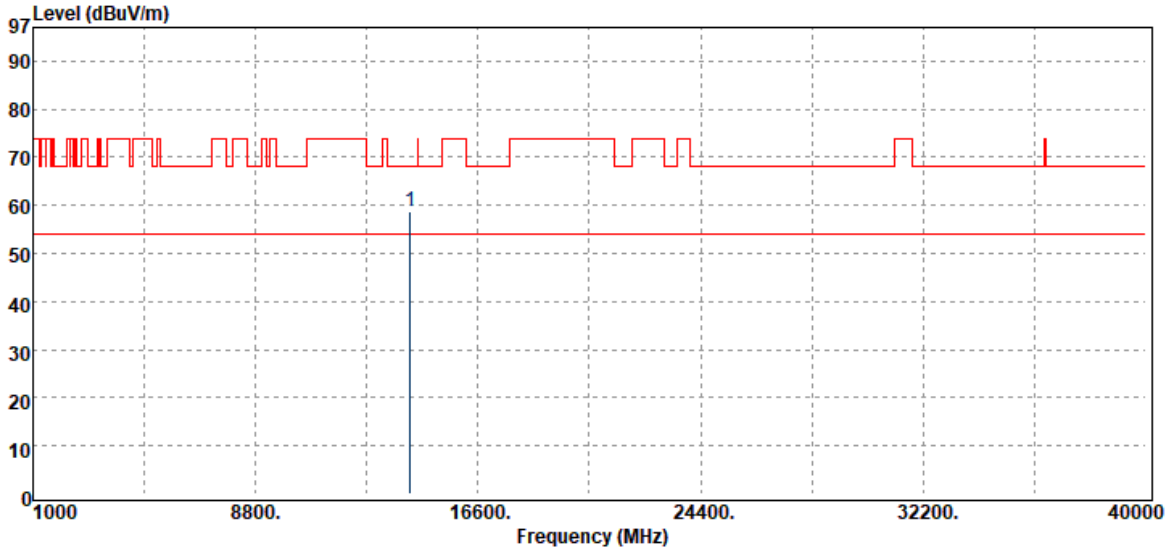
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13990.00	Peak	34.22	24.97	59.19	68.20	-9.01

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:6995 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



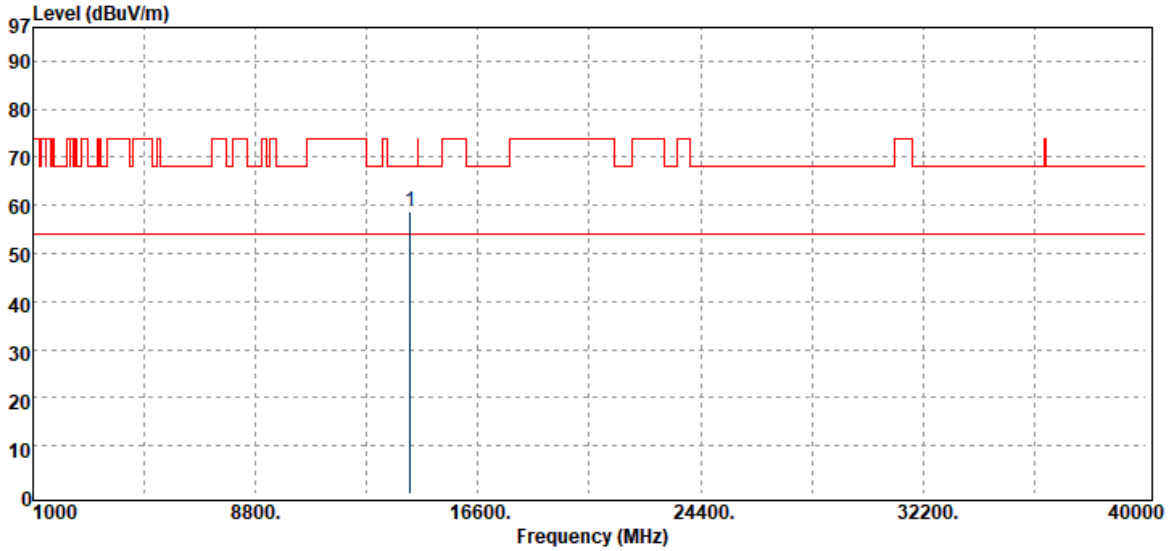
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13990.00	Peak	34.95	24.97	59.92	68.20	-8.28

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:7115 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



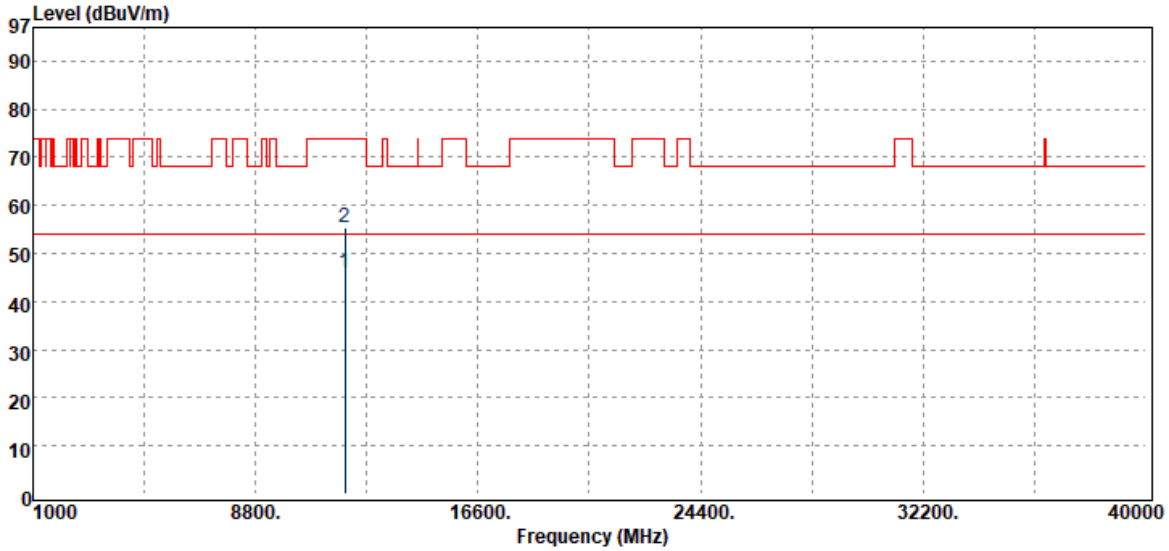
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
14230.00	Peak	34.59	24.03	58.62	68.20	-9.58

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-24
Test Frequency	:7115 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



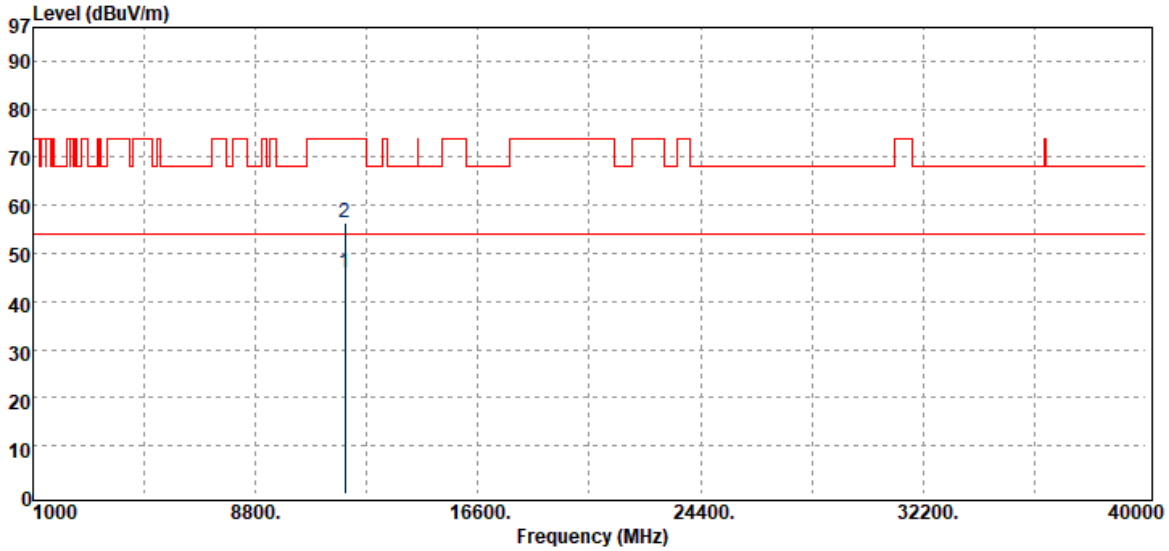
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
14230.00	Peak	34.61	24.03	58.64	68.20	-9.56

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:5965 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



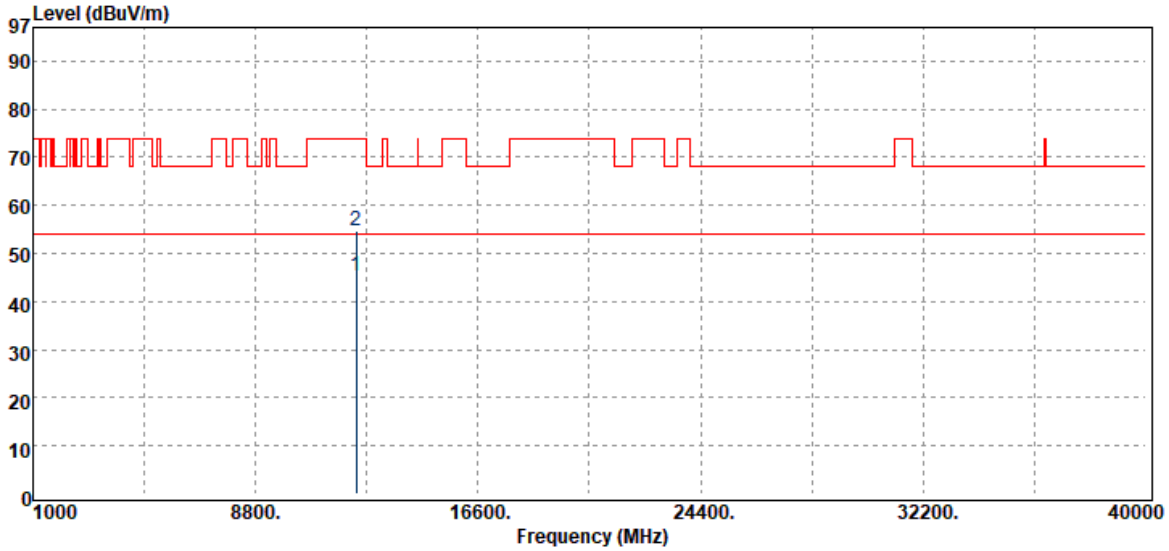
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11930.00	Average	25.39	20.54	45.93	54.00	-8.07
11930.00	Peak	34.79	20.54	55.33	74.00	-18.67

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:5965 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



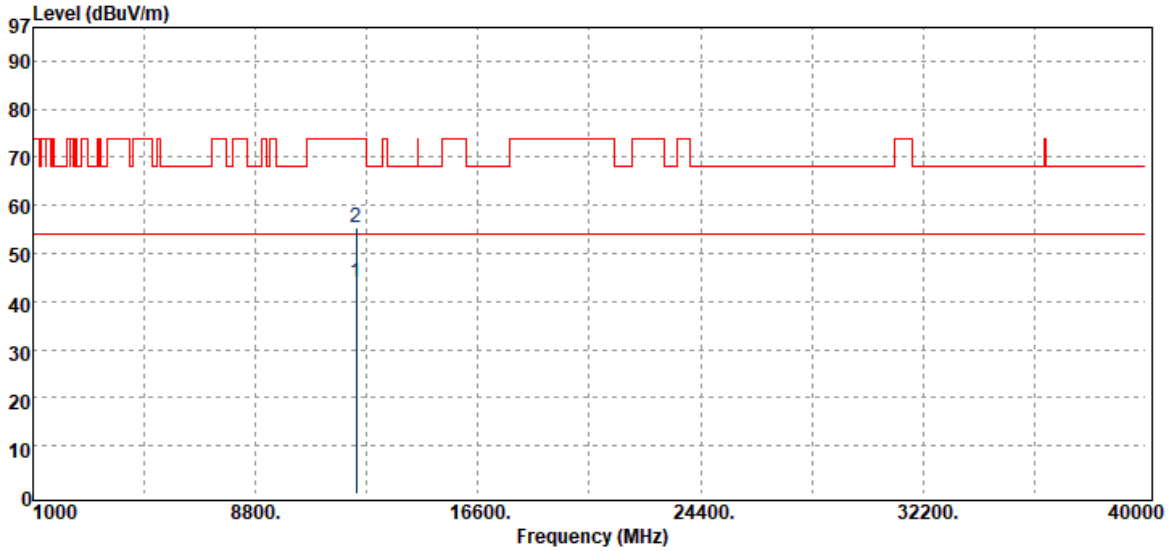
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11930.00	Average	25.33	20.54	45.87	54.00	-8.13
11930.00	Peak	35.88	20.54	56.42	74.00	-17.58

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6165 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



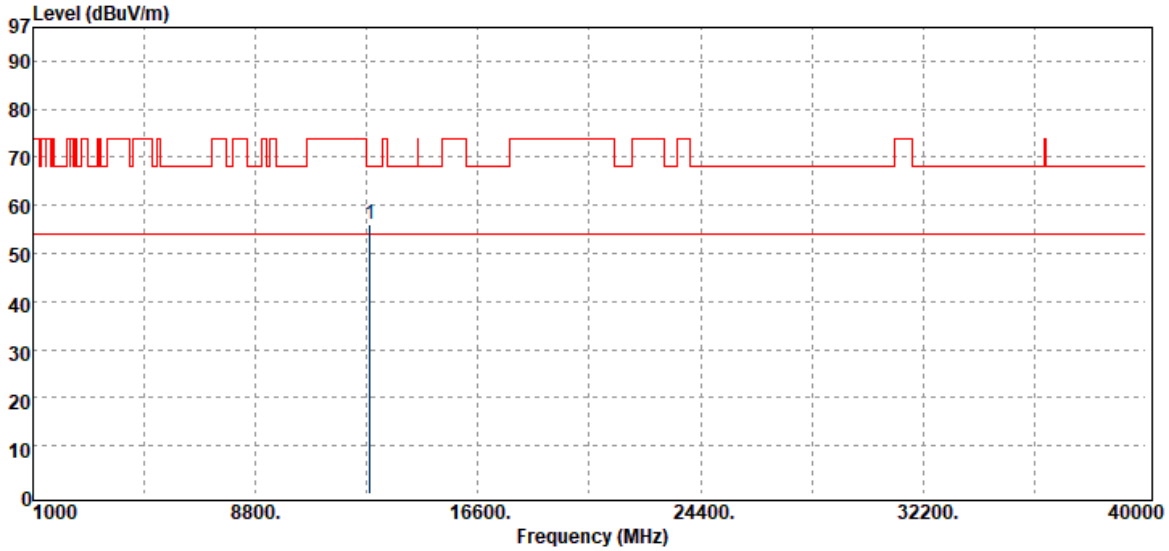
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12330.00	Average	25.12	20.02	45.14	54.00	-8.86
12330.00	Peak	34.53	20.02	54.55	74.00	-19.45

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6165 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



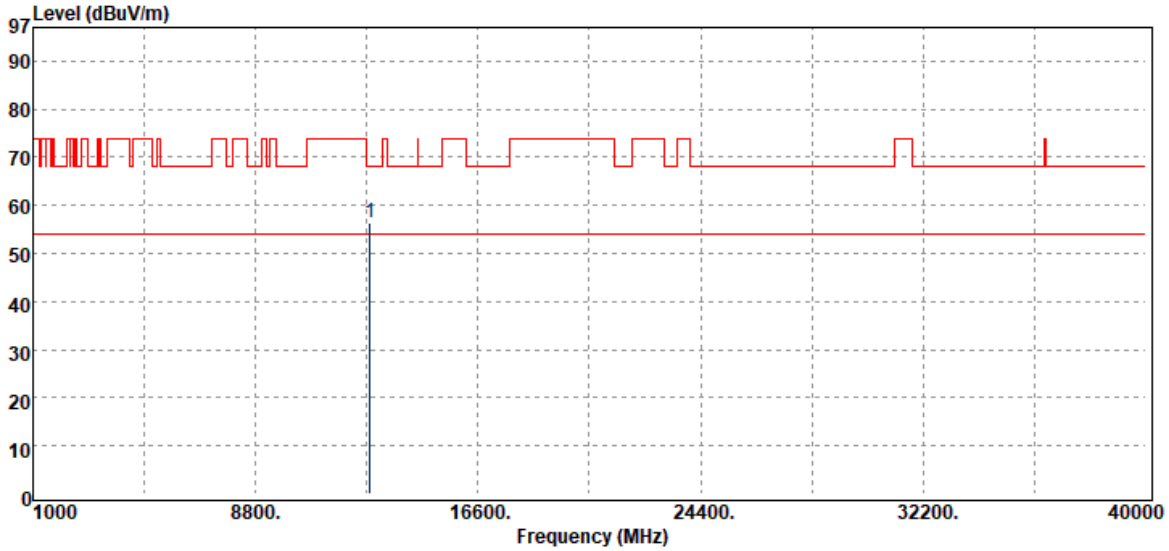
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12330.00	Average	24.06	20.02	44.08	54.00	-9.92
12330.00	Peak	35.38	20.02	55.40	74.00	-18.60

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6405 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



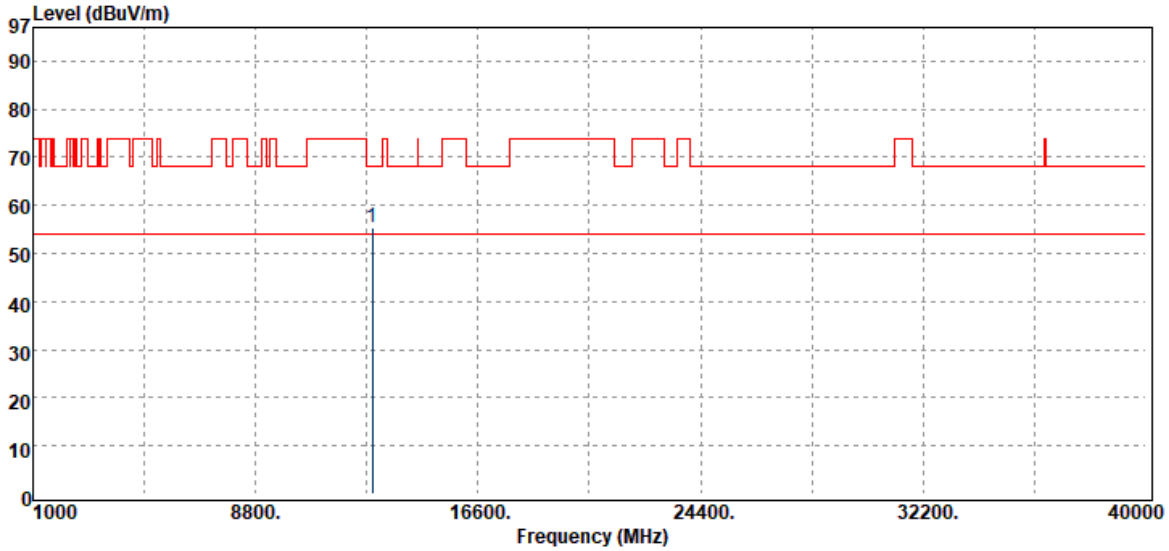
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12810.00	Peak	34.23	21.80	56.03	68.20	-12.17

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6405 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



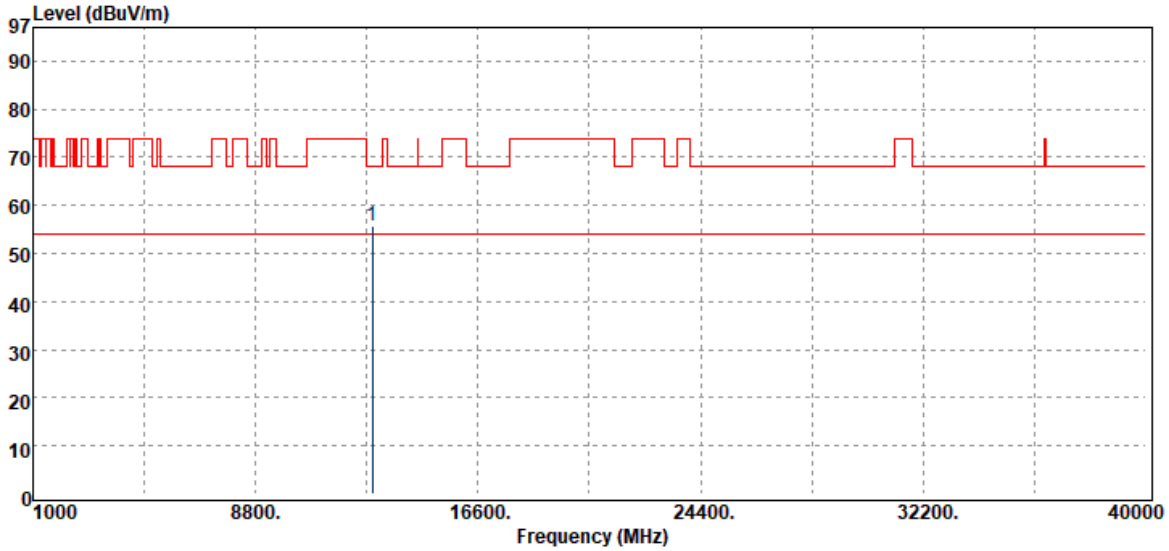
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12810.00	Peak	34.46	21.80	56.26	68.20	-11.94

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6445 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



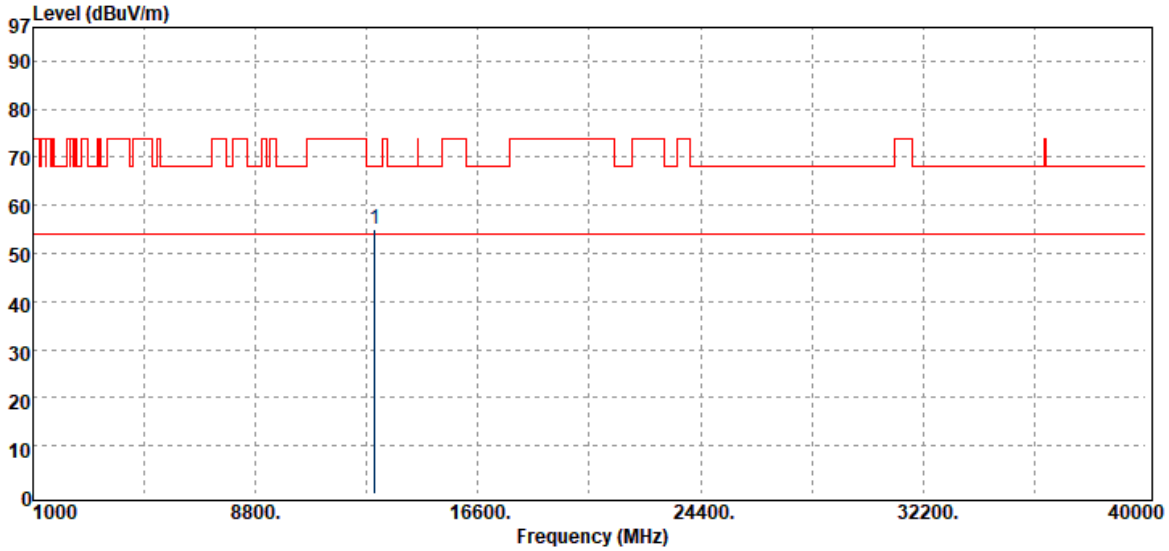
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12890.00	Peak	34.17	21.24	55.41	68.20	-12.79

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6445 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



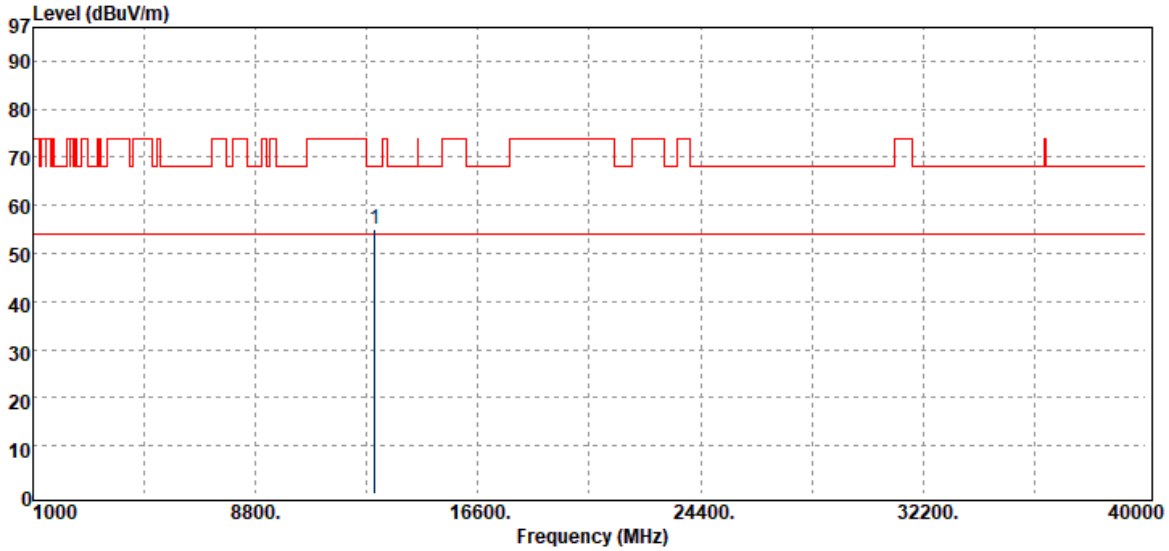
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12890.00	Peak	34.43	21.24	55.67	68.20	-12.53

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6485 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



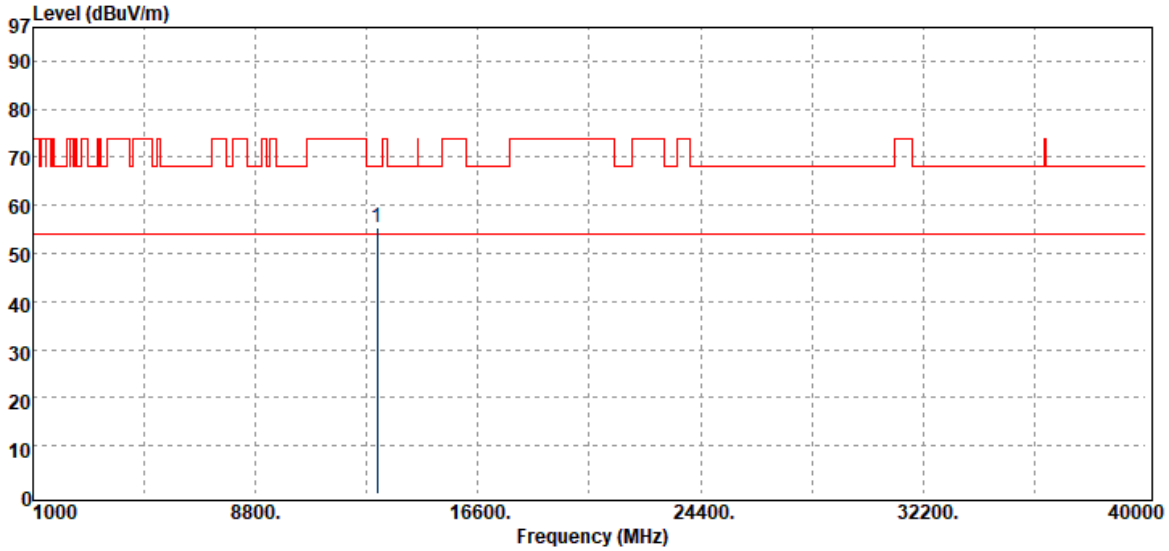
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12970.00	Peak	33.05	21.88	54.93	68.20	-13.27

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6485 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



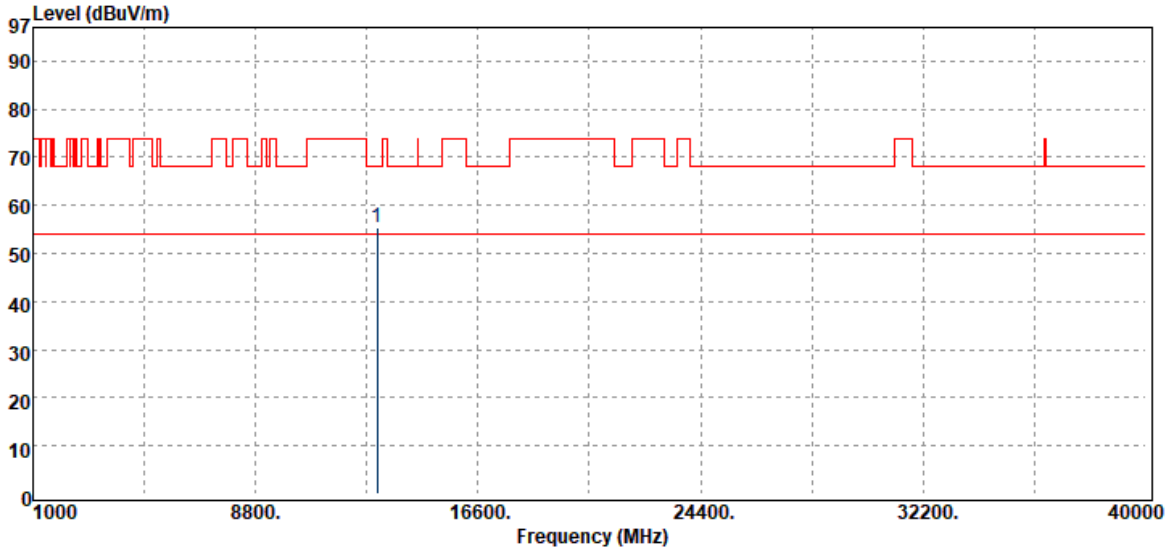
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12970.00	Peak	33.28	21.88	55.16	68.20	-13.04

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6525 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



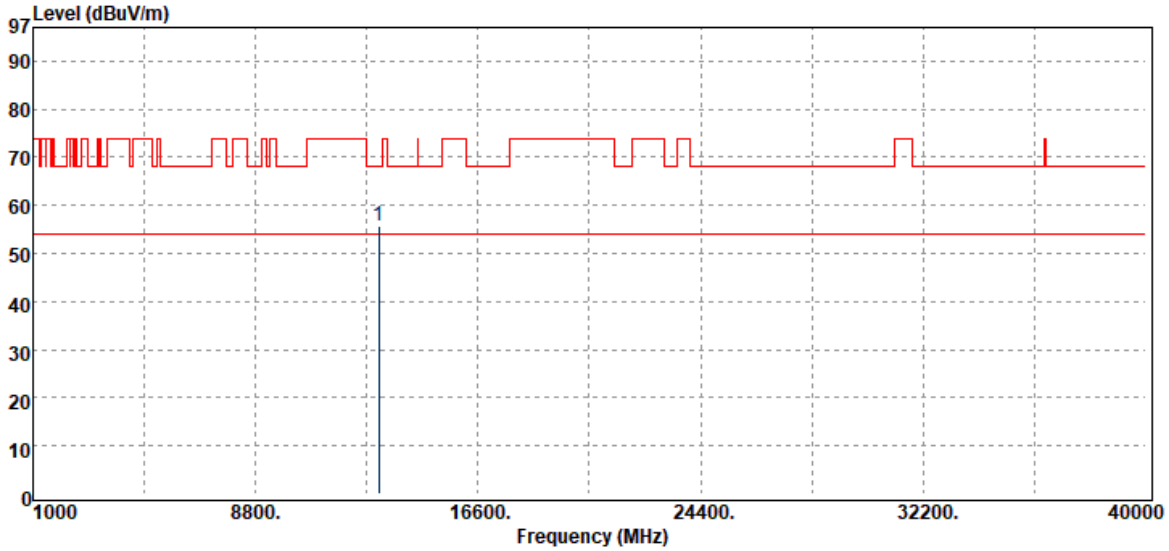
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13050.00	Peak	33.89	21.45	55.34	68.20	-12.86

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6525 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



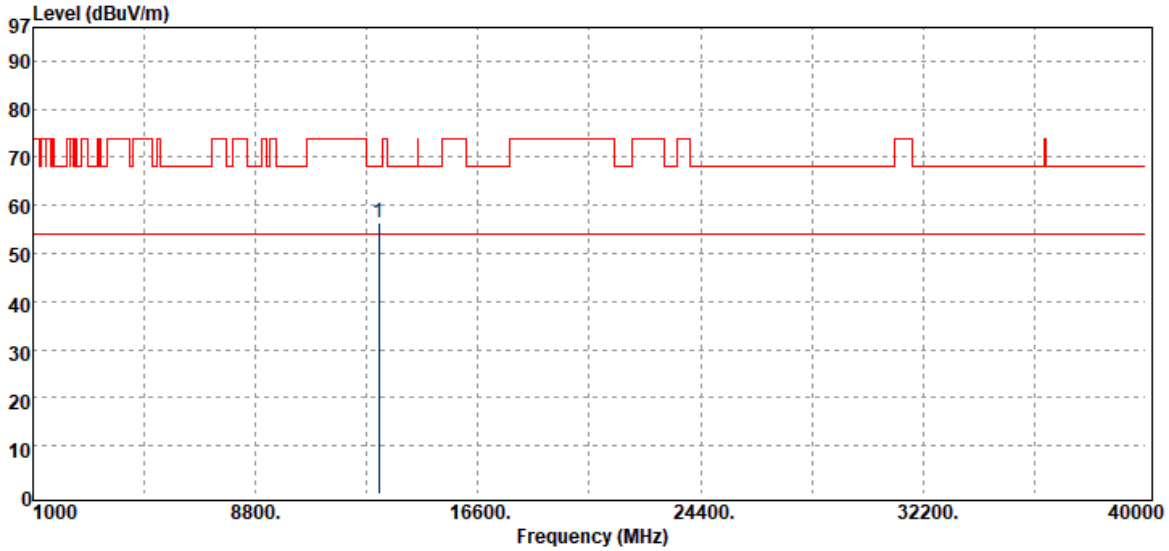
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13050.00	Peak	33.81	21.45	55.26	68.20	-12.94

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6565 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



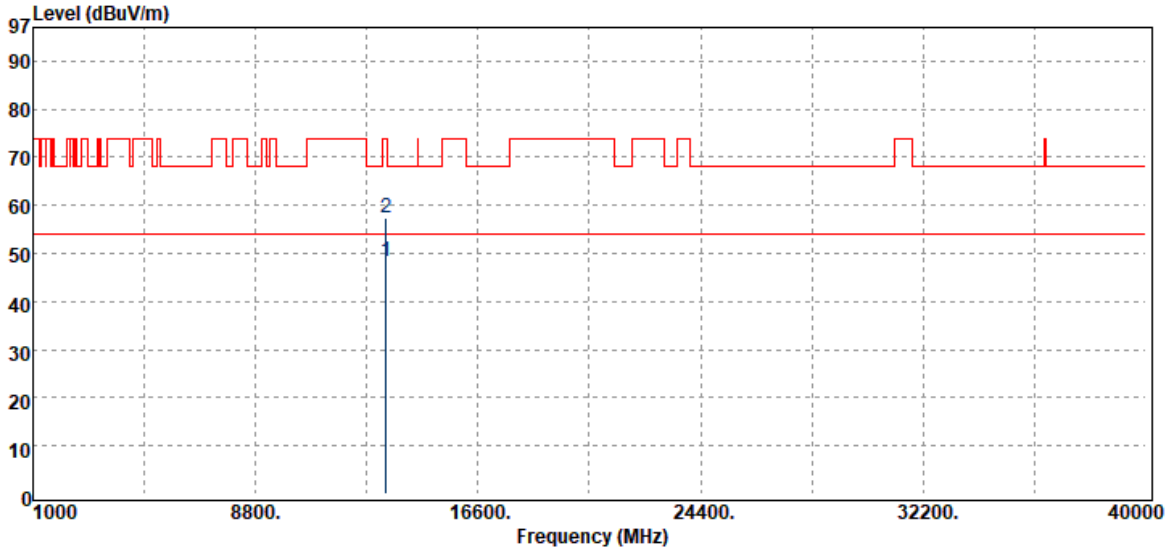
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13130.00	Peak	33.12	22.48	55.60	68.20	-12.60

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6565 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



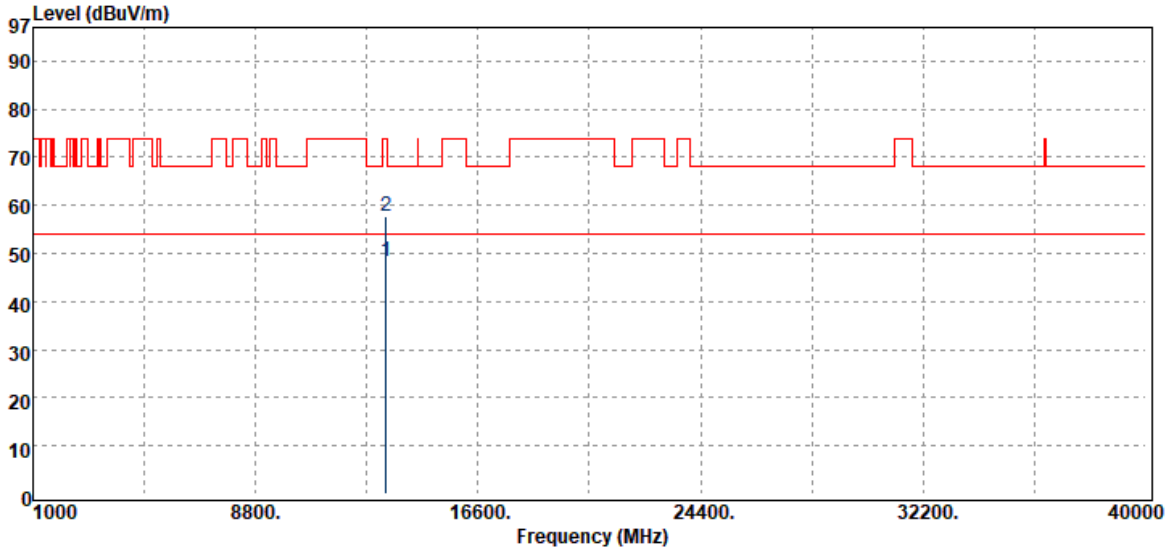
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13130.00	Peak	33.76	22.48	56.24	68.20	-11.96

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6685 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



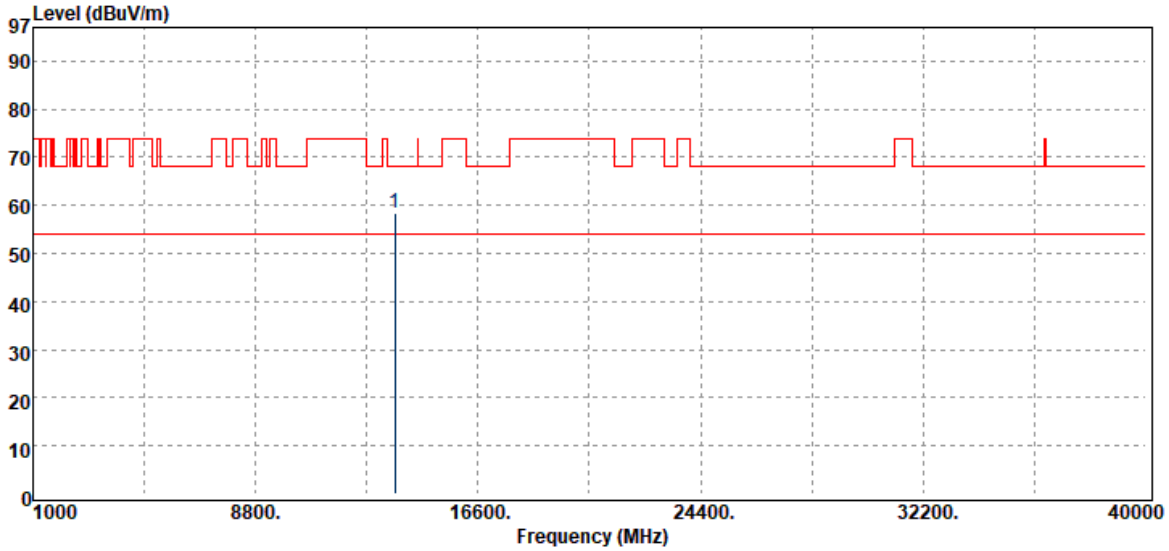
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13370.00	Average	25.35	22.90	48.25	54.00	-5.75
13370.00	Peak	34.47	22.90	57.37	74.00	-16.63

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6685 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



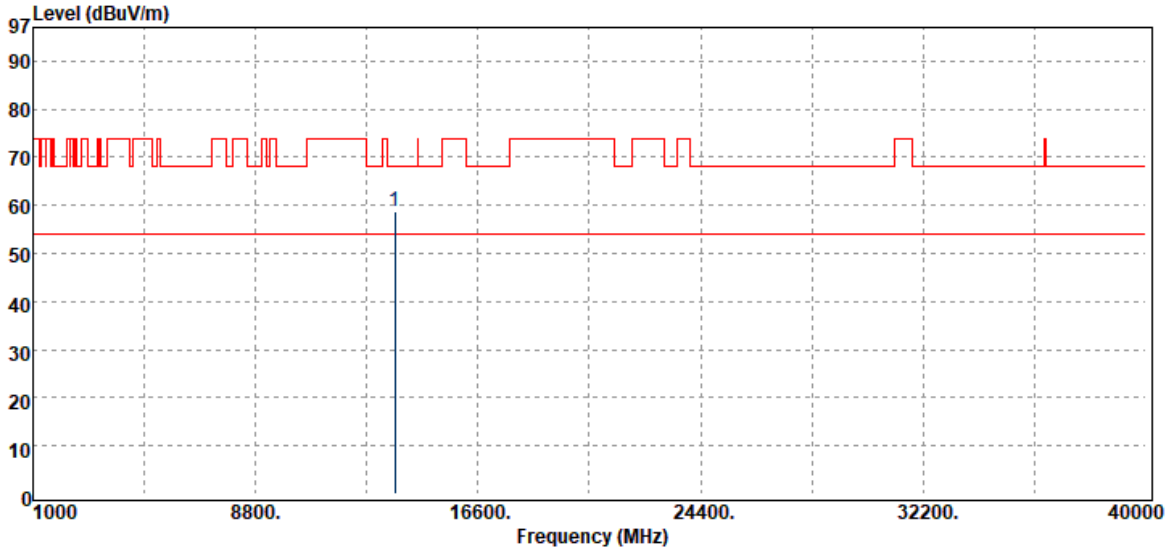
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13370.00	Average	25.39	22.90	48.29	54.00	-5.71
13370.00	Peak	34.86	22.90	57.76	74.00	-16.24

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6845 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



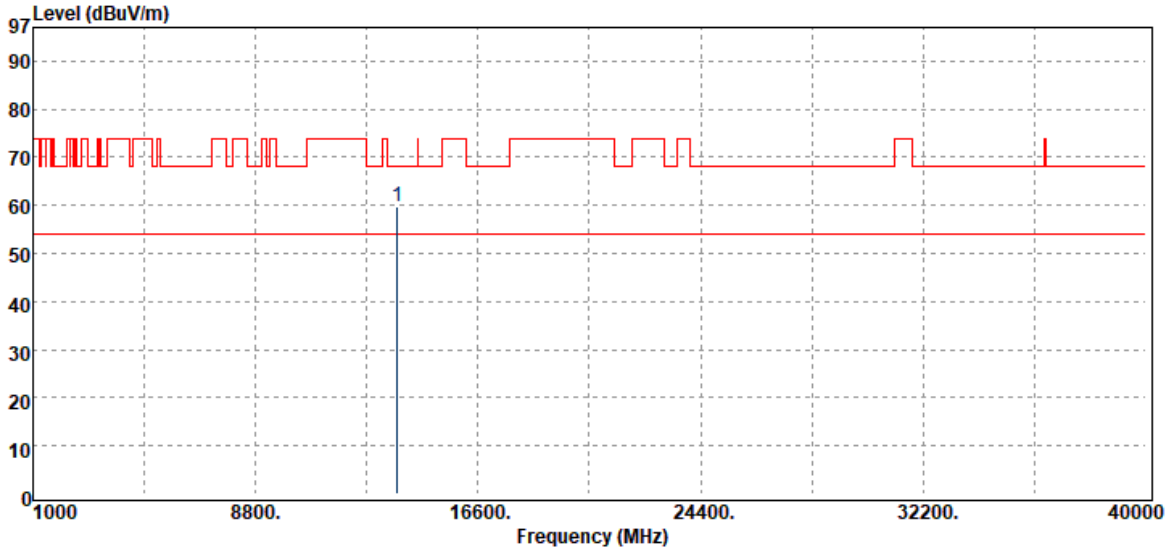
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13690.00	Peak	34.77	23.79	58.56	68.20	-9.64

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6845 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



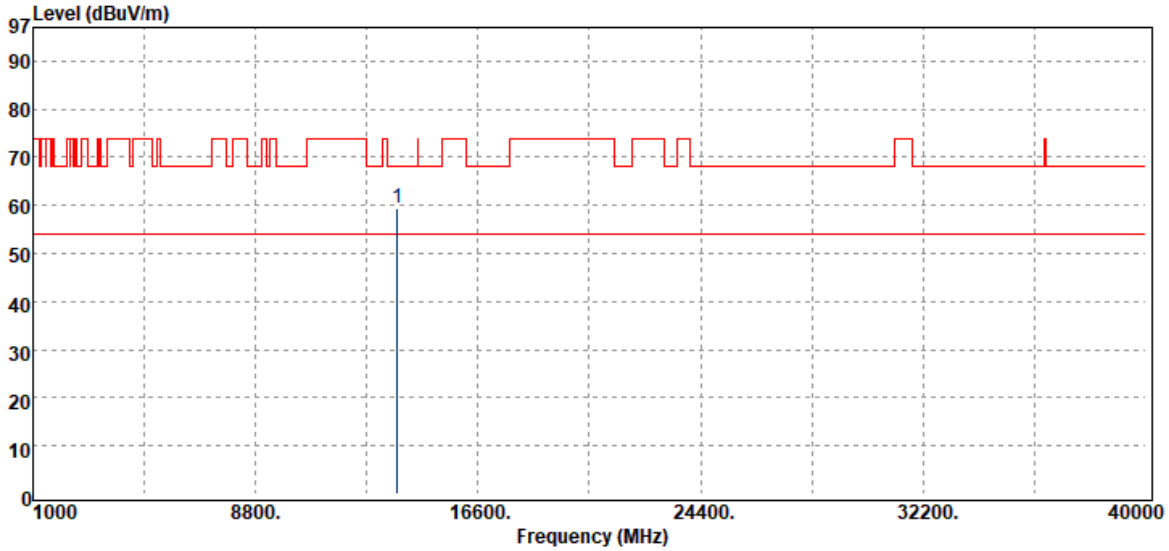
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13690.00	Peak	34.94	23.79	58.73	68.20	-9.47

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6885 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



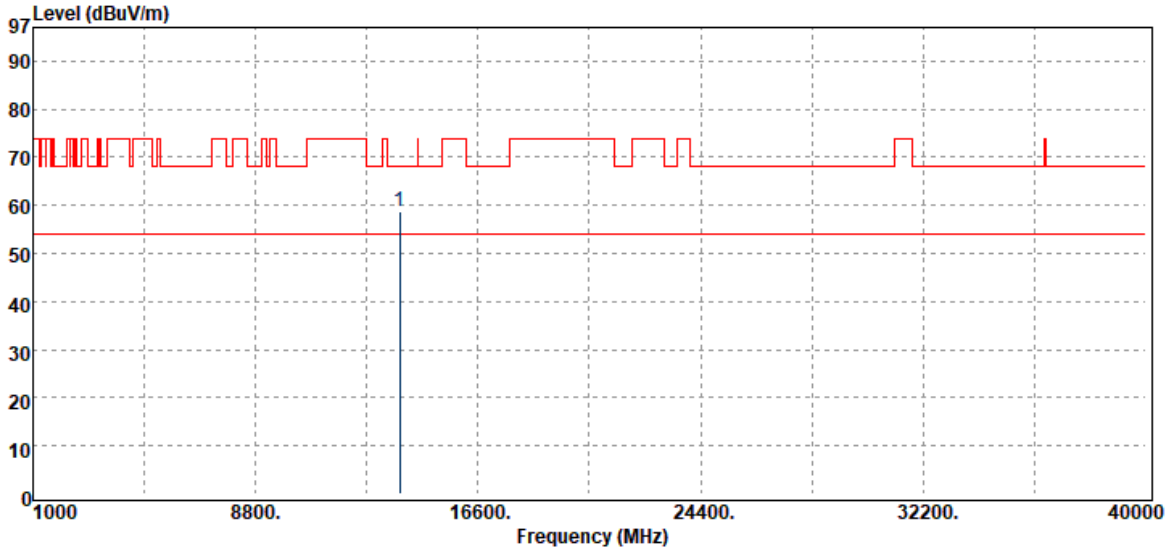
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13770.00	Peak	35.51	24.34	59.85	68.20	-8.35

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6885 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



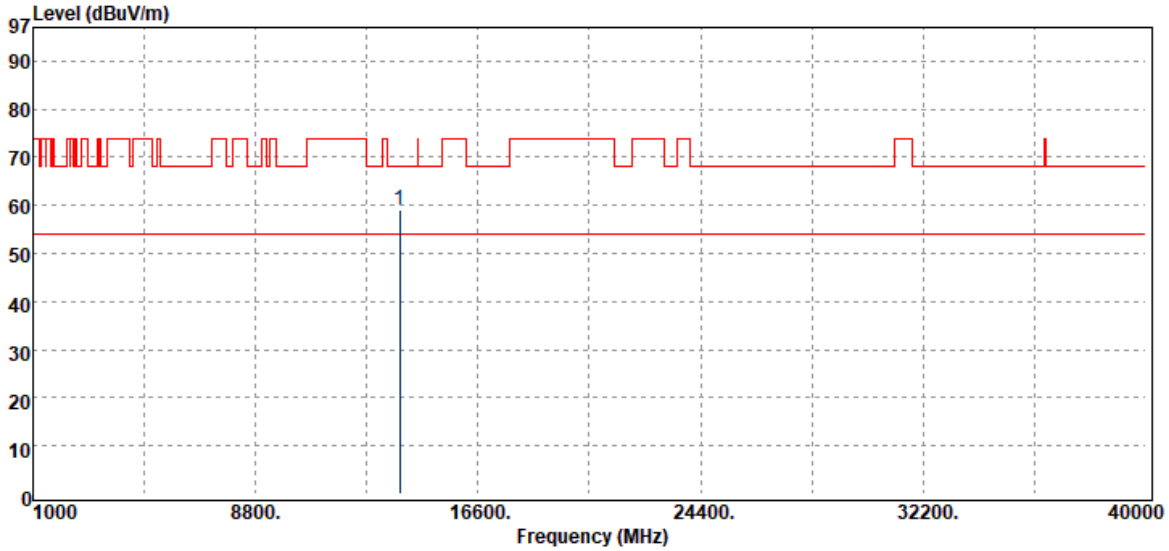
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13770.00	Peak	35.15	24.34	59.49	68.20	-8.71

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6925 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



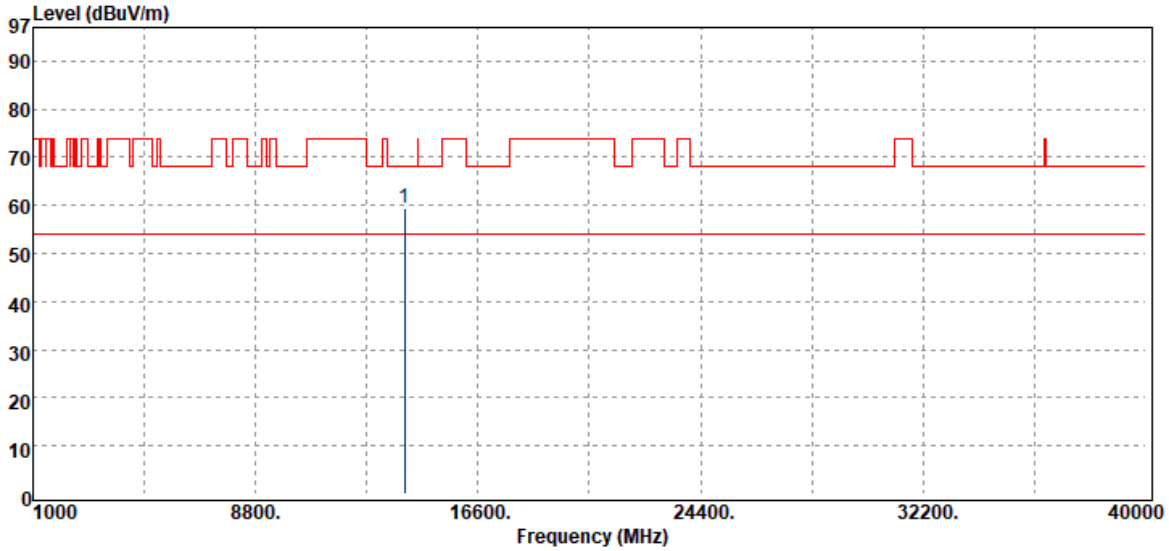
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13850.00	Peak	34.35	24.32	58.67	68.20	-9.53

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:6925 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



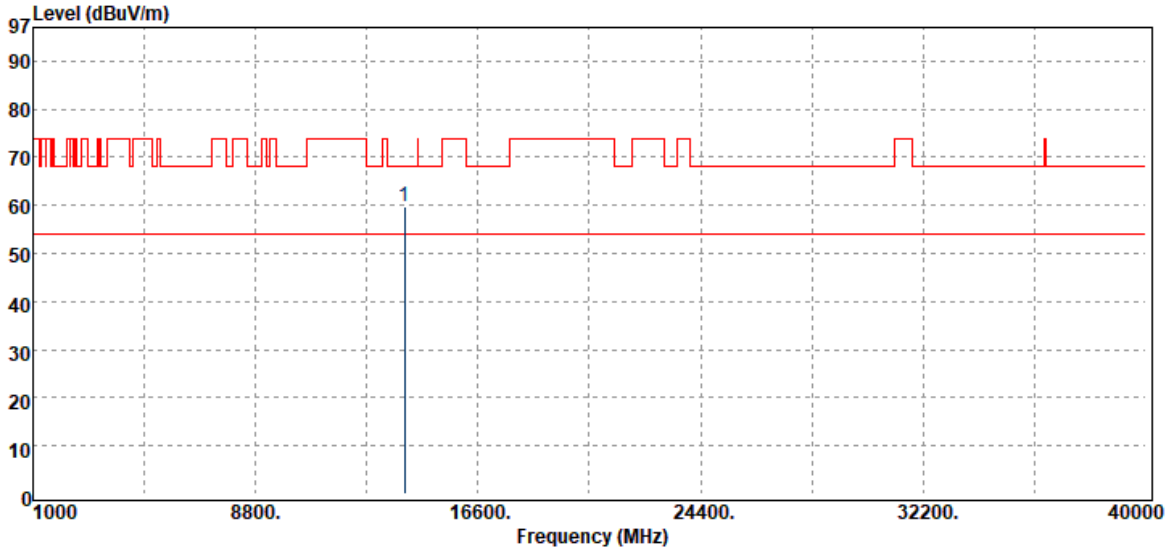
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13850.00	Peak	34.63	24.32	58.95	68.20	-9.25

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:7005 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



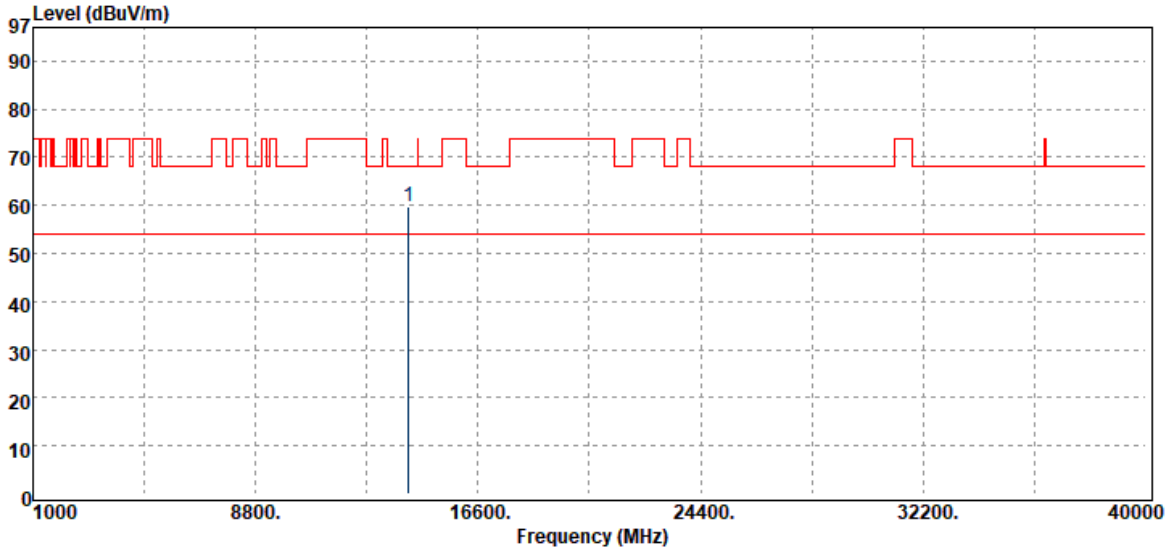
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
14010.00	Peak	34.60	24.95	59.55	68.20	-8.65

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:7005 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



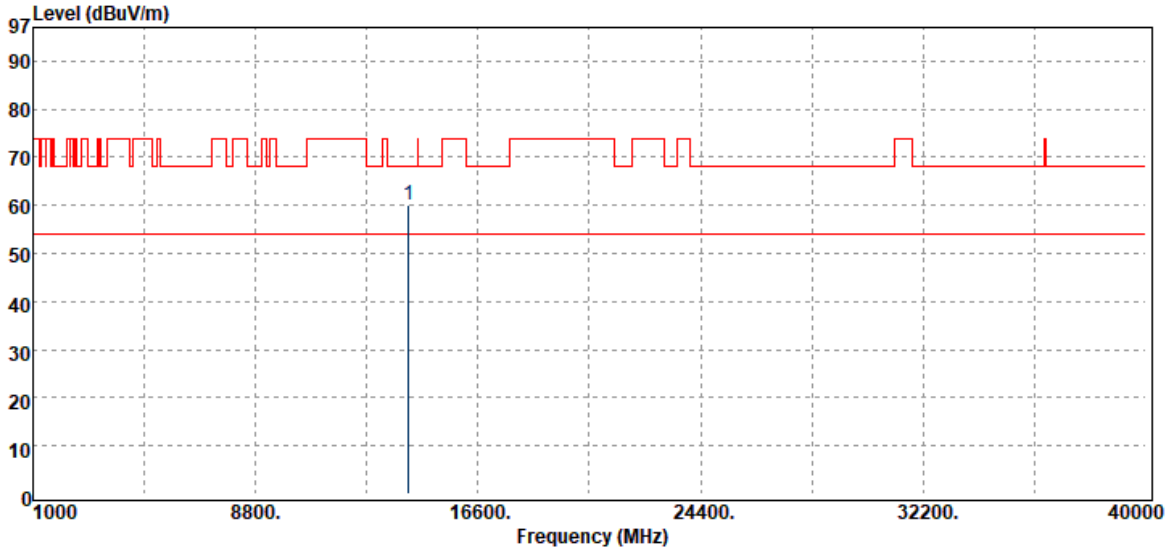
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
14010.00	Peak	34.74	24.95	59.69	68.20	-8.51

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:7085 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



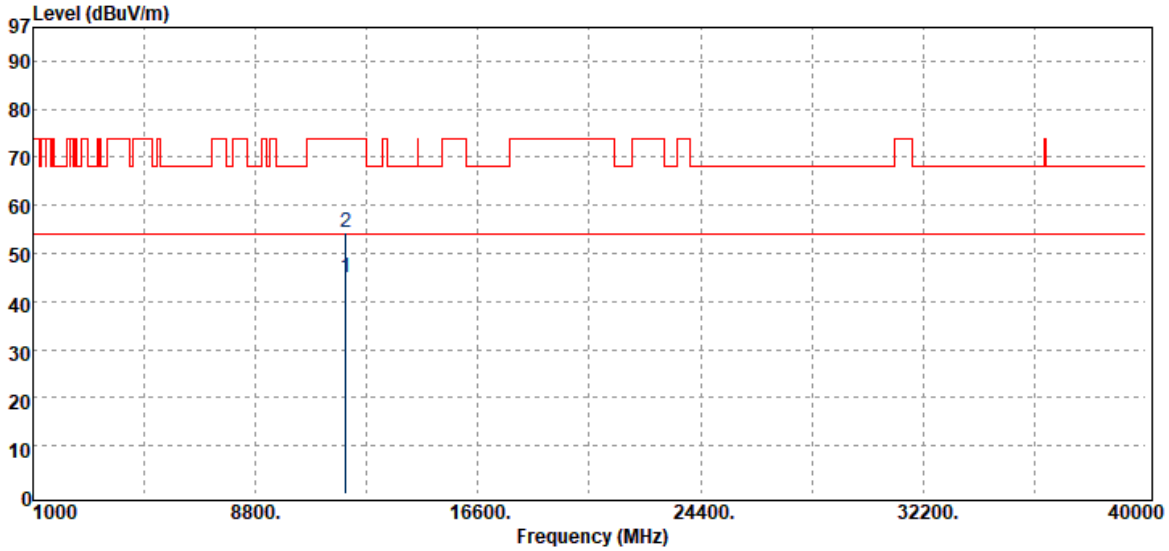
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
14170.00	Peak	34.57	25.33	59.90	68.20	-8.30

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-24
Test Frequency	:7085 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



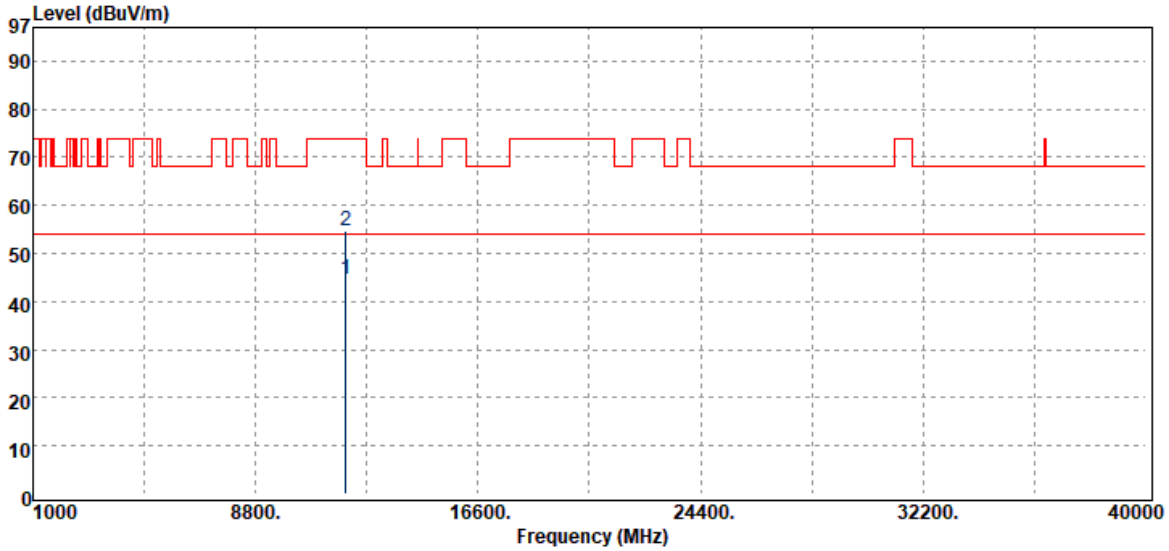
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
14170.00	Peak	34.88	25.33	60.21	68.20	-7.99

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:5985 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



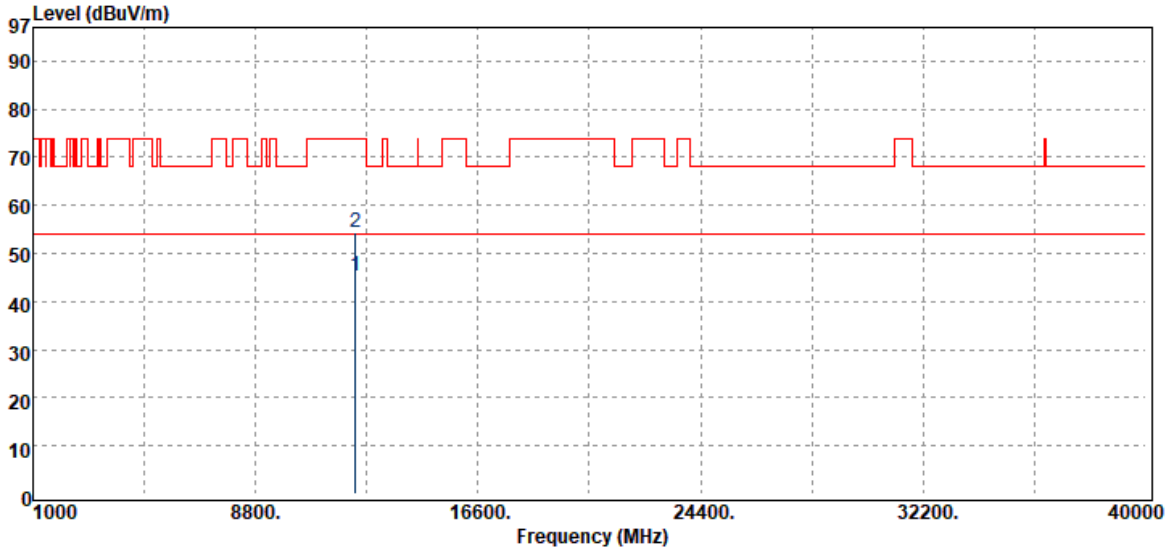
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11970.00	Average	24.91	19.97	44.88	54.00	-9.12
11970.00	Peak	34.48	19.97	54.45	74.00	-19.55

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:5985 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



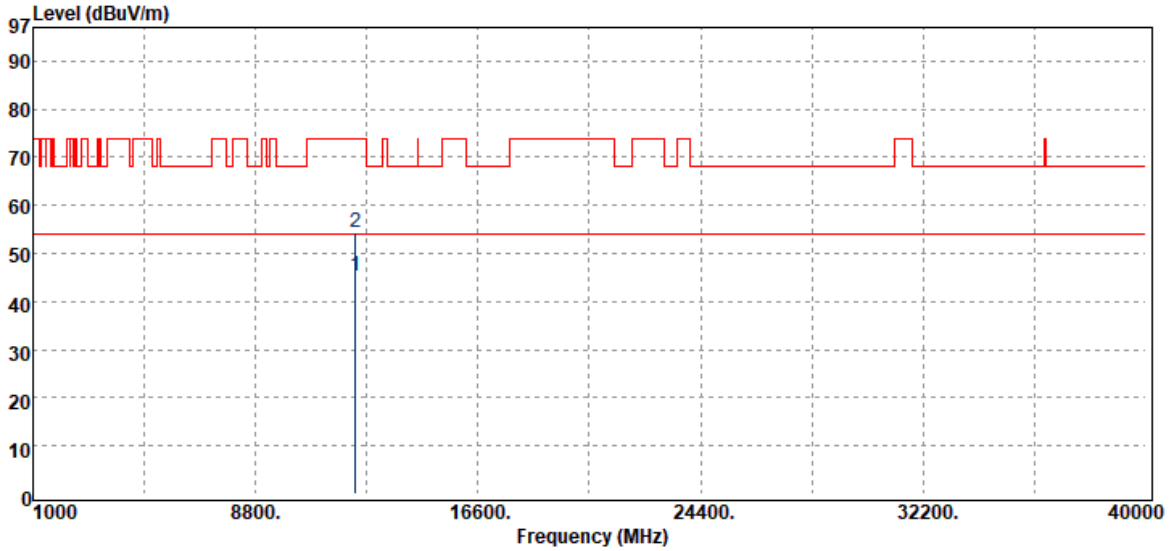
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11970.00	Average	24.83	19.97	44.80	54.00	-9.20
11970.00	Peak	34.64	19.97	54.61	74.00	-19.39

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6145 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



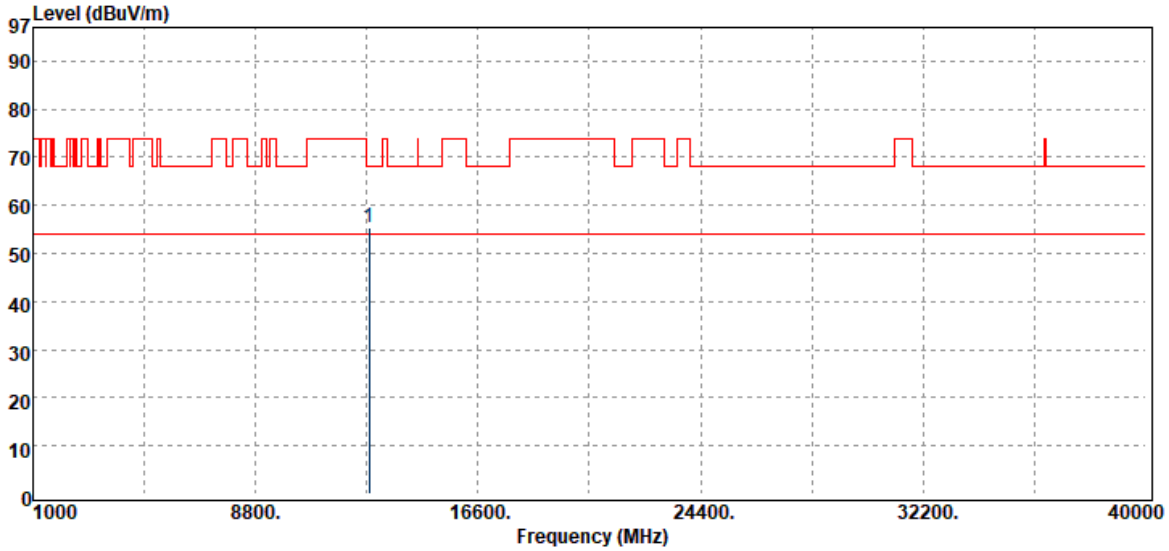
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12290.00	Average	24.97	20.20	45.17	54.00	-8.83
12290.00	Peak	34.15	20.20	54.35	74.00	-19.65

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6145 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



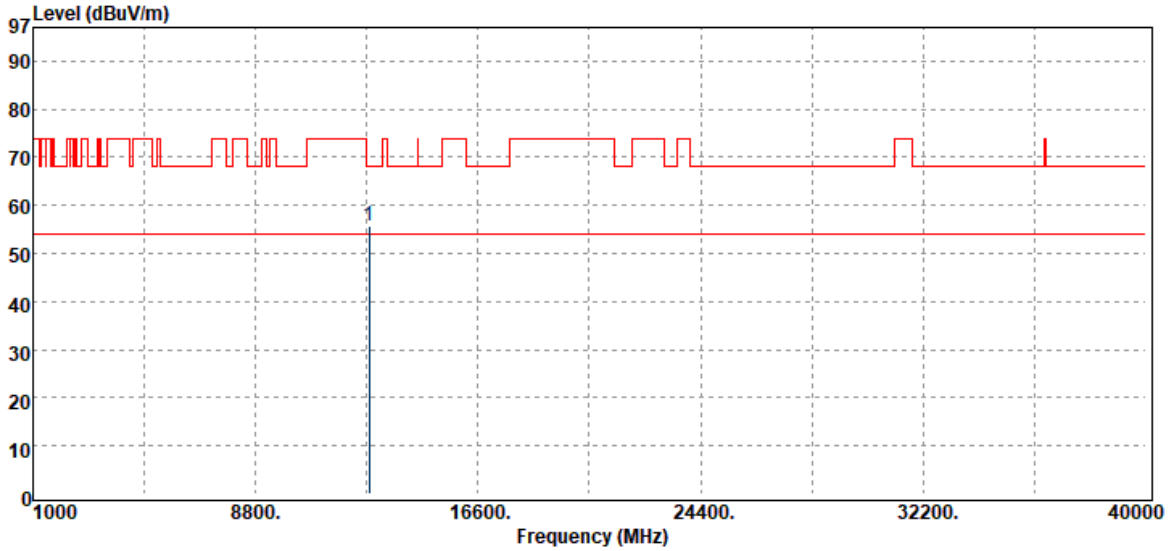
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12290.00	Average	25.01	20.20	45.21	54.00	-8.79
12290.00	Peak	34.18	20.20	54.38	74.00	-19.62

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6385 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



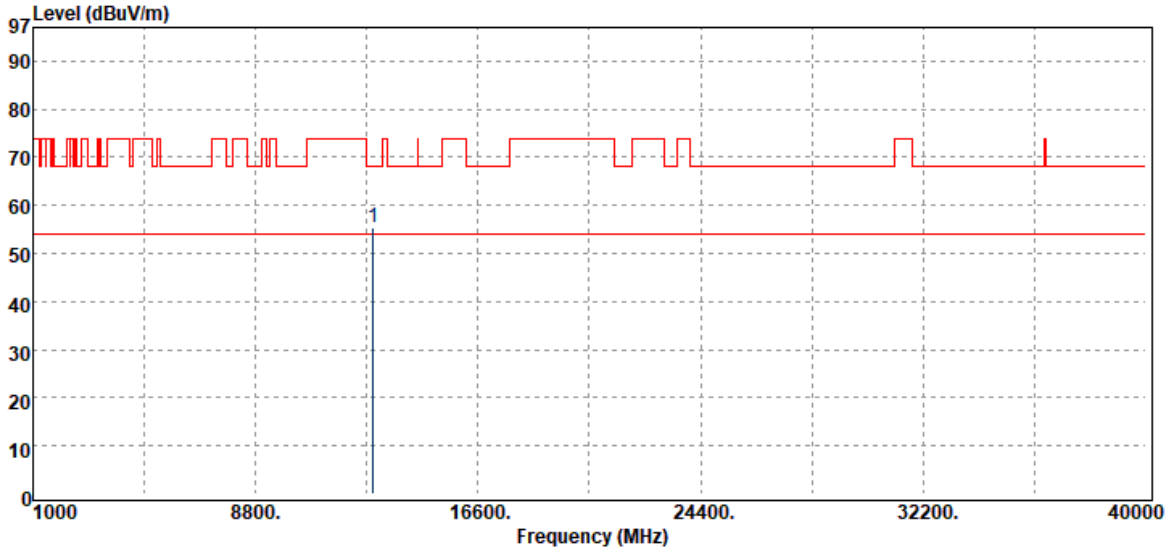
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12770.00	Peak	34.07	21.35	55.42	68.20	-12.78

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6385 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



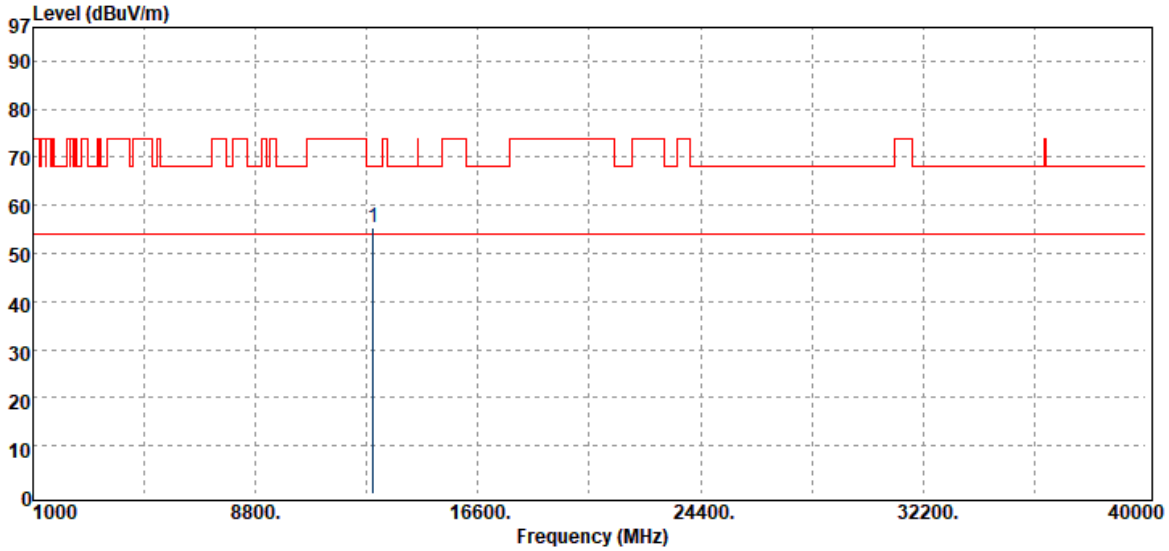
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12770.00	Peak	34.33	21.35	55.68	68.20	-12.52

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6465 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



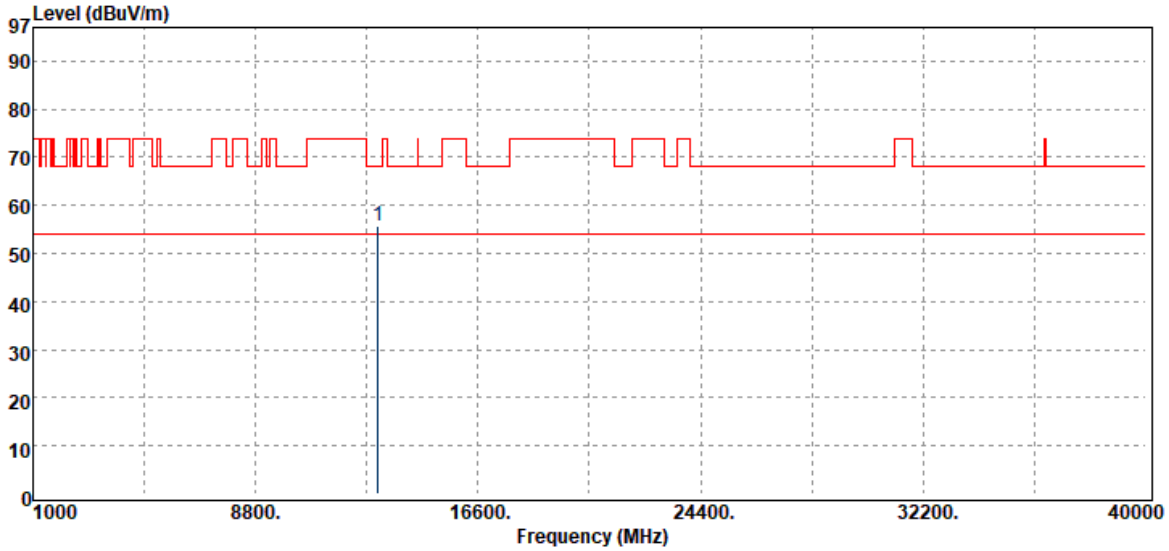
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12930.00	Peak	33.78	21.68	55.46	68.20	-12.74

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6465 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



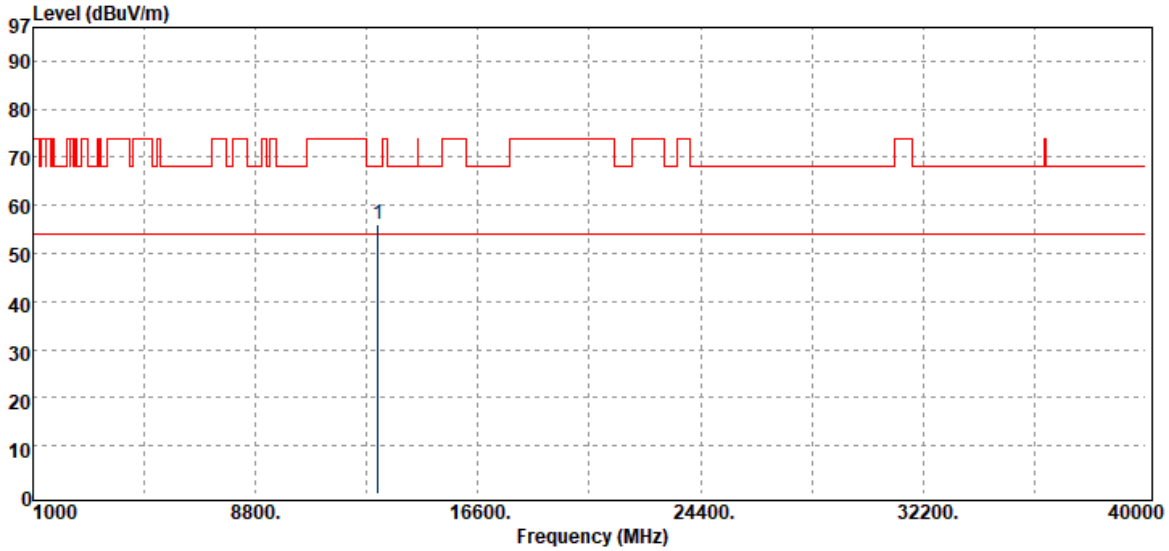
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12930.00	Peak	33.76	21.68	55.44	68.20	-12.76

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6545 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



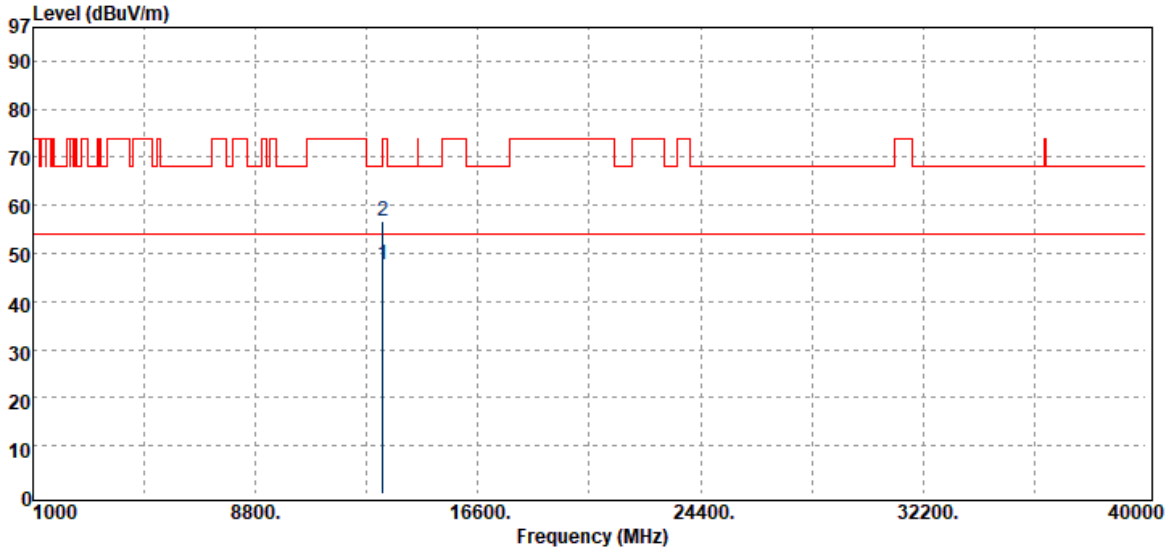
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13090.00	Peak	33.69	22.16	55.85	68.20	-12.35

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6545 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



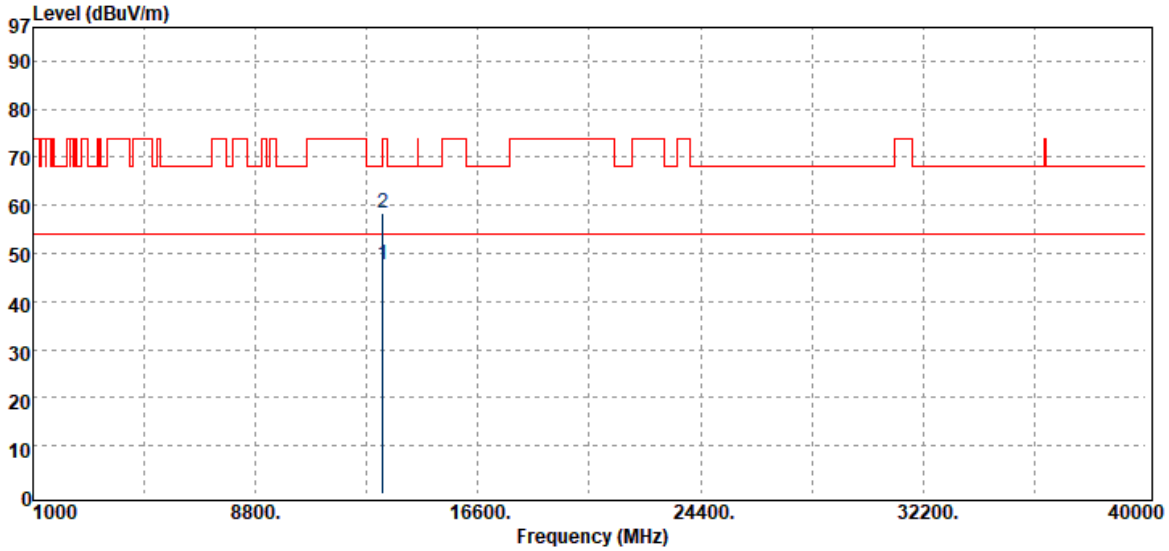
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13090.00	Peak	33.83	22.16	55.99	68.20	-12.21

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6625 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



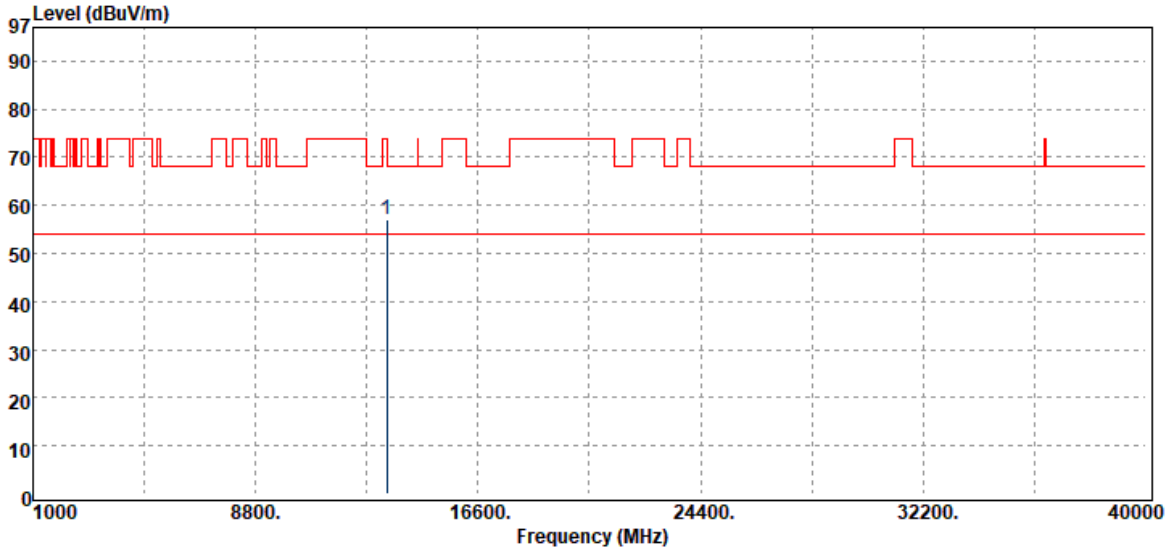
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13250.00	Average	25.21	22.51	47.72	54.00	-6.28
13250.00	Peak	34.22	22.51	56.73	74.00	-17.27

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6625 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



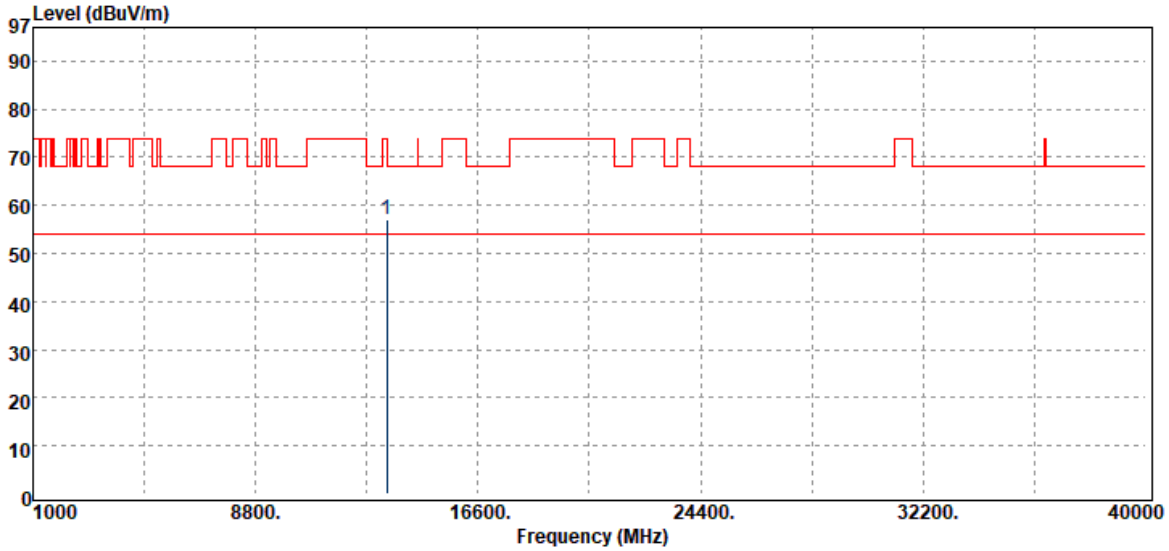
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13250.00	Average	25.17	22.51	47.68	54.00	-6.32
13250.00	Peak	35.82	22.51	58.33	74.00	-15.67

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6705 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



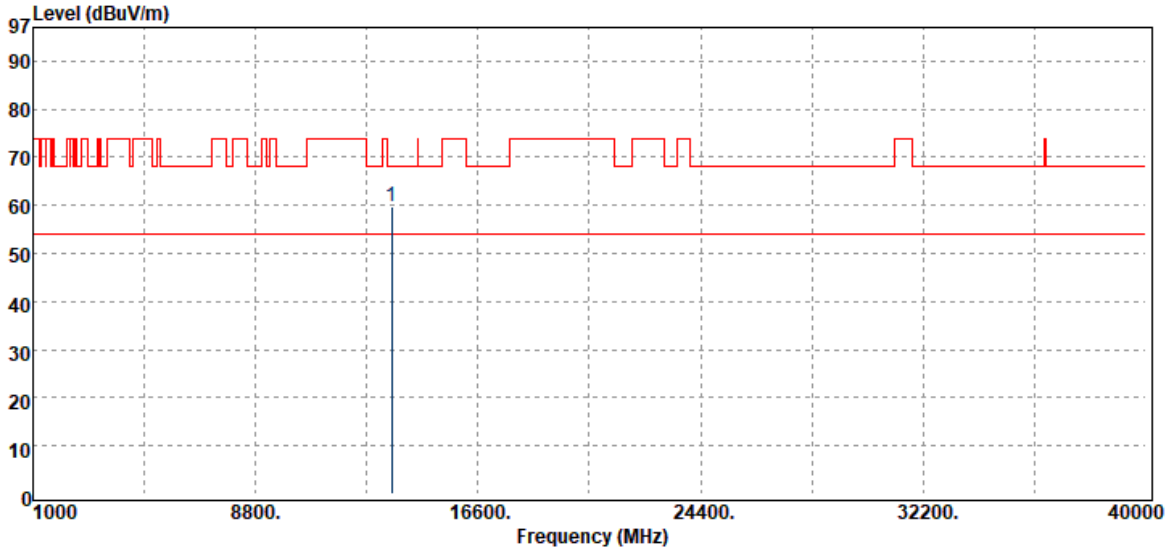
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13410.00	Peak	34.43	22.50	56.93	68.20	-11.27

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6705 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



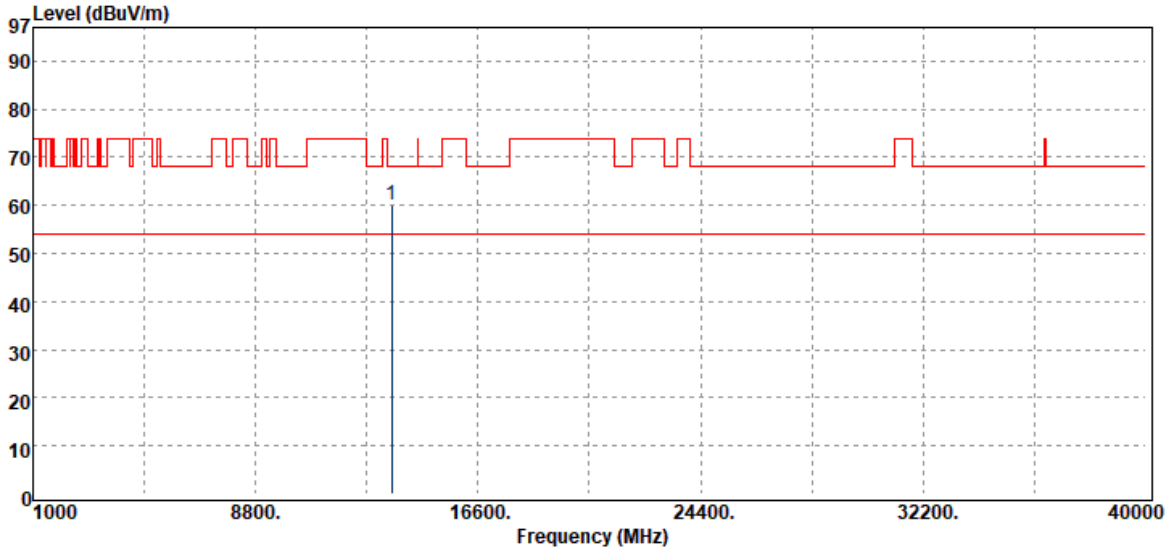
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13410.00	Peak	34.65	22.50	57.15	68.20	-11.05

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6785 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



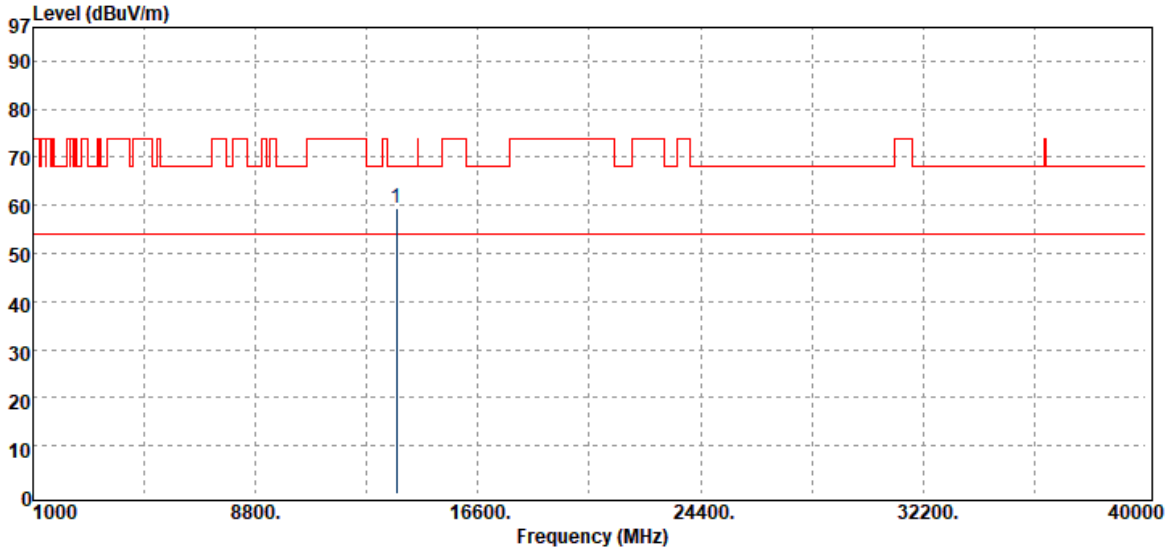
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13570.00	Peak	34.88	24.97	59.85	68.20	-8.35

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6785 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



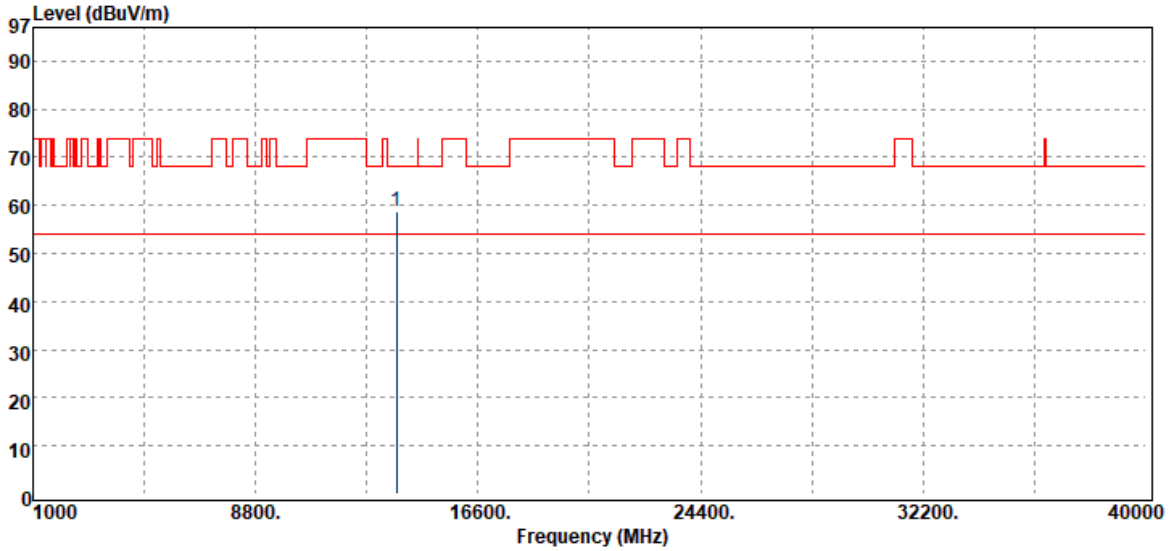
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13570.00	Peak	35.07	24.97	60.04	68.20	-8.16

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6865 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



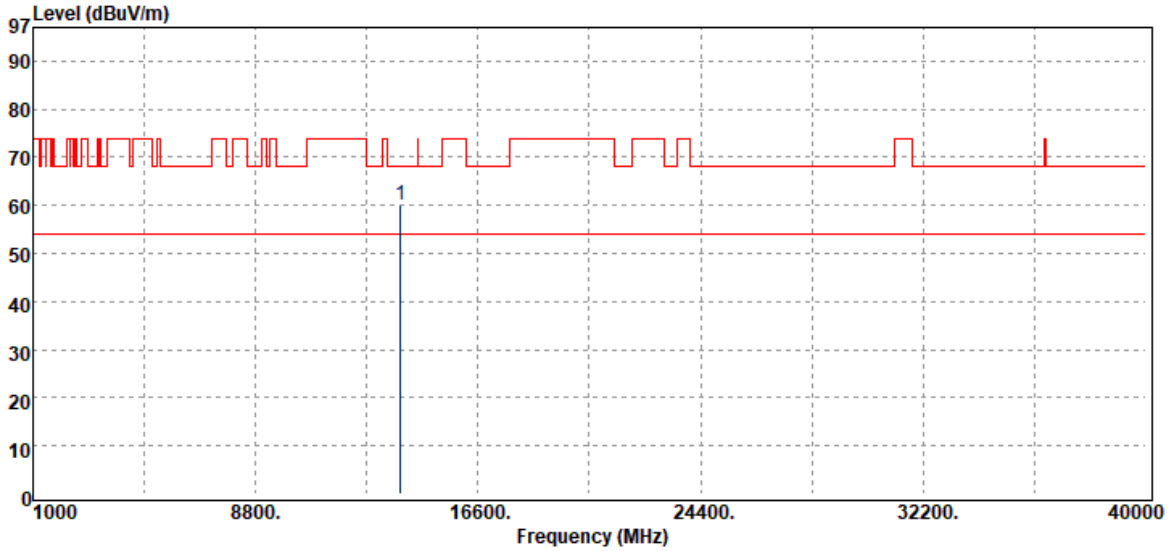
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13730.00	Peak	35.18	24.16	59.34	68.20	-8.86

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6865 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



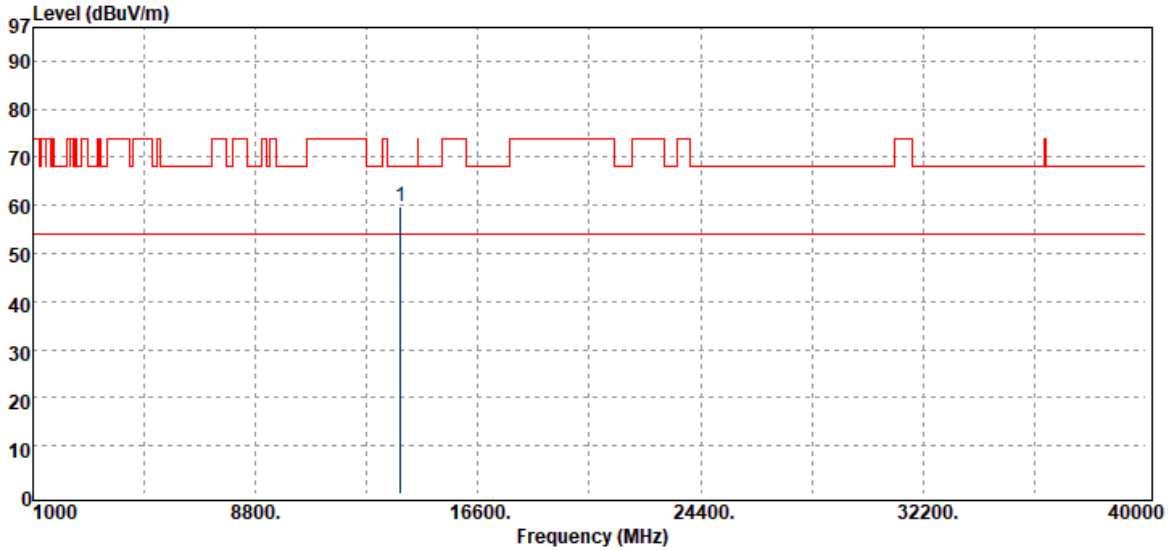
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13730.00	Peak	34.64	24.16	58.80	68.20	-9.40

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6945 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



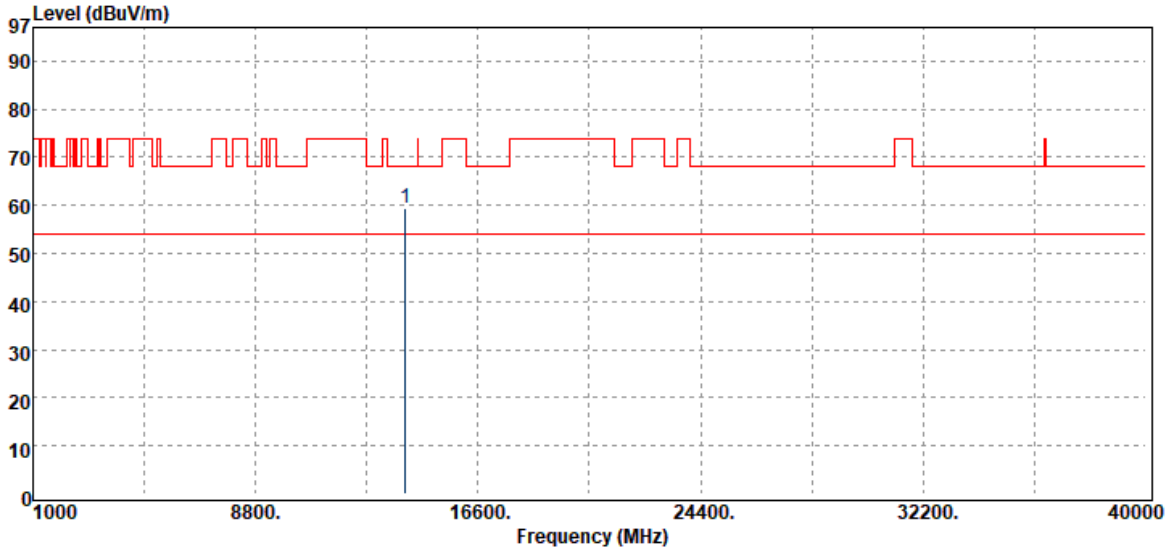
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13890.00	Peak	35.04	24.91	59.95	68.20	-8.25

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:6945 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



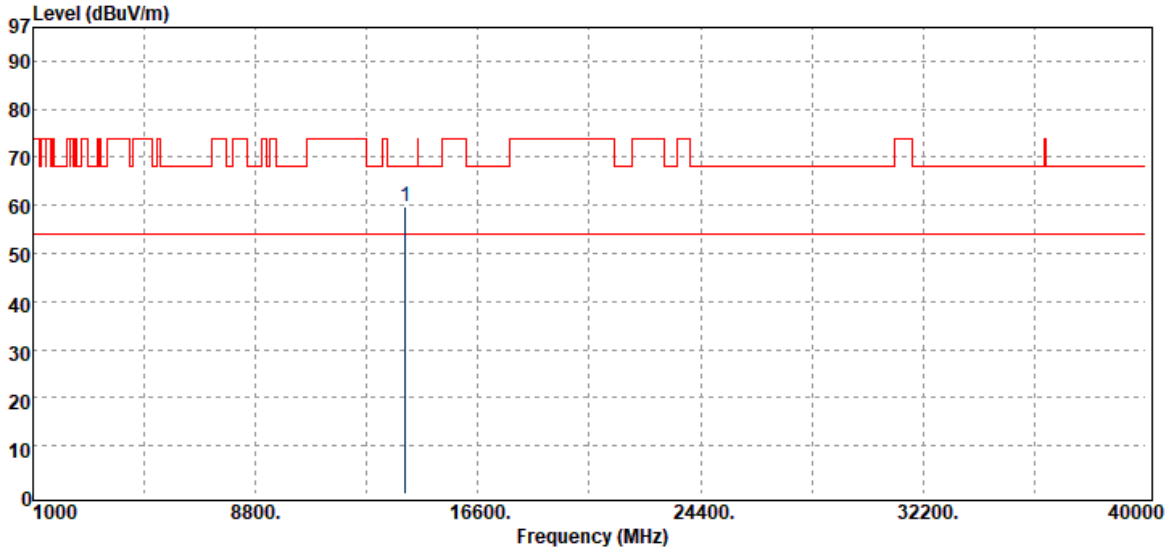
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13890.00	Peak	34.71	24.91	59.62	68.20	-8.58

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:7025 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



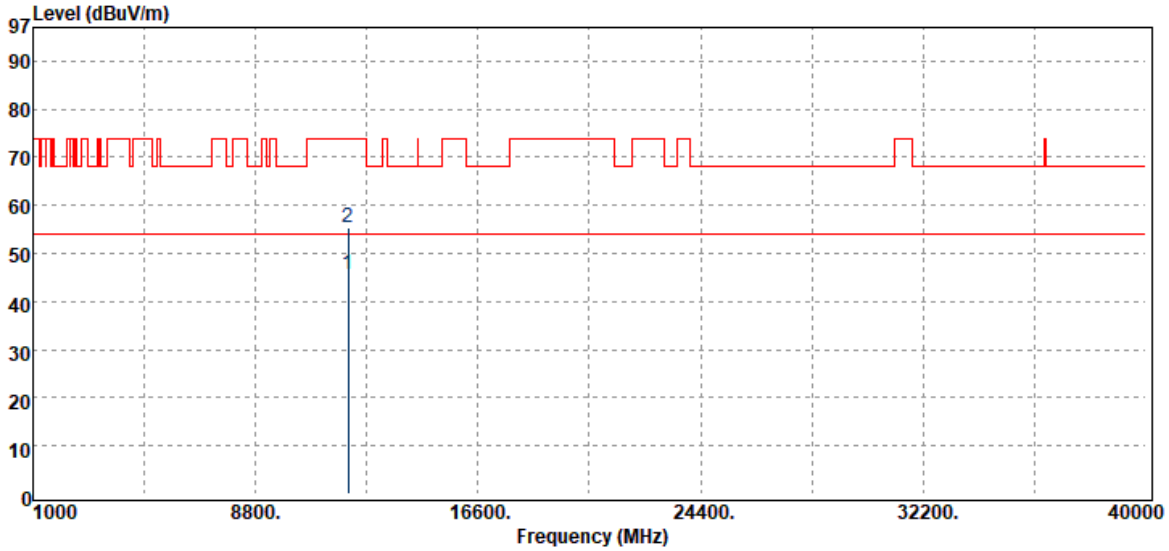
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
14050.00	Peak	34.30	25.09	59.39	68.20	-8.81

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-24
Test Frequency	:7025 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



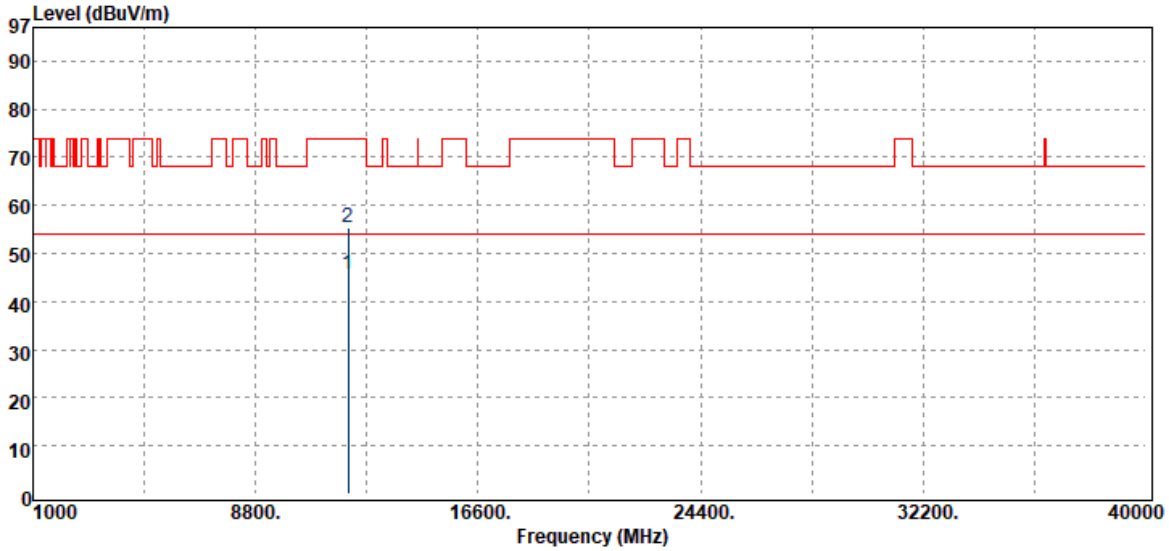
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
14050.00	Peak	34.71	25.09	59.80	68.20	-8.40

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-24
Test Frequency	:6025 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



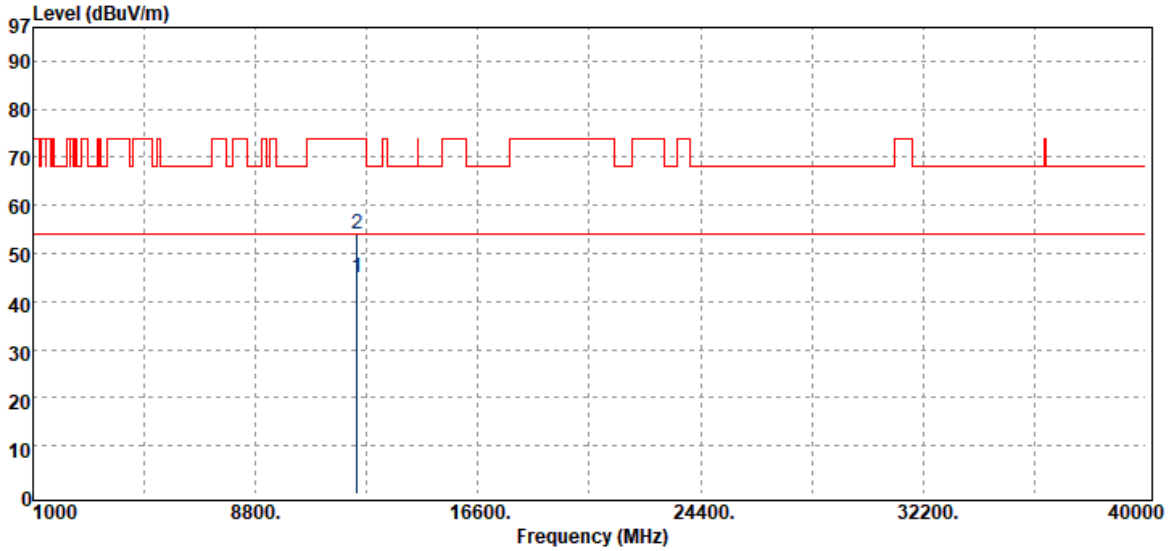
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12050.00	Average	25.02	20.63	45.65	54.00	-8.35
12050.00	Peak	34.86	20.63	55.49	74.00	-18.51

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-24
Test Frequency	:6025 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



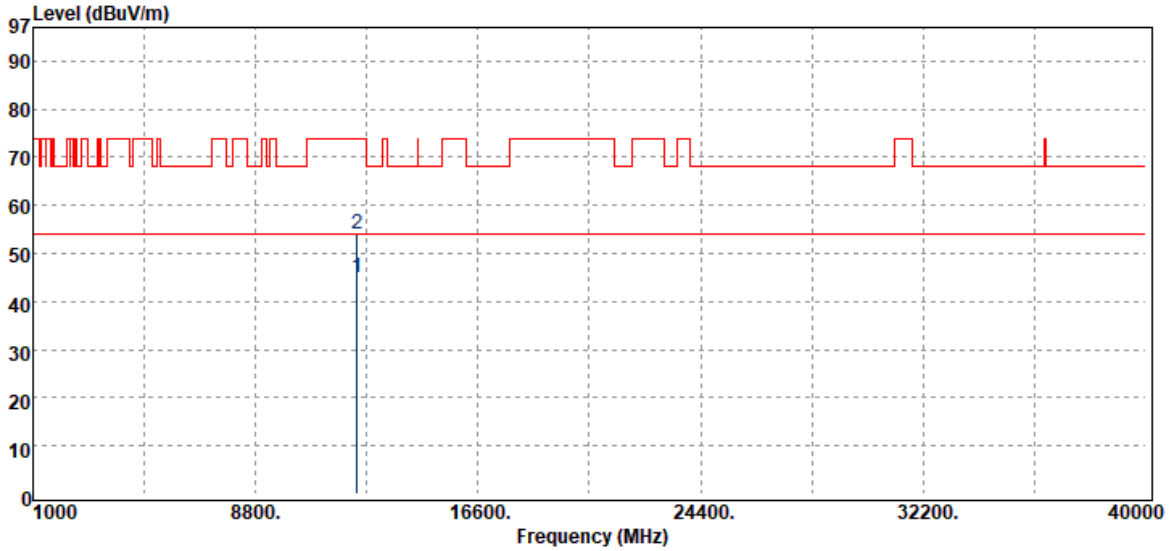
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12050.00	Average	24.98	20.63	45.61	54.00	-8.39
12050.00	Peak	34.87	20.63	55.50	74.00	-18.50

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-24
Test Frequency	:6185 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



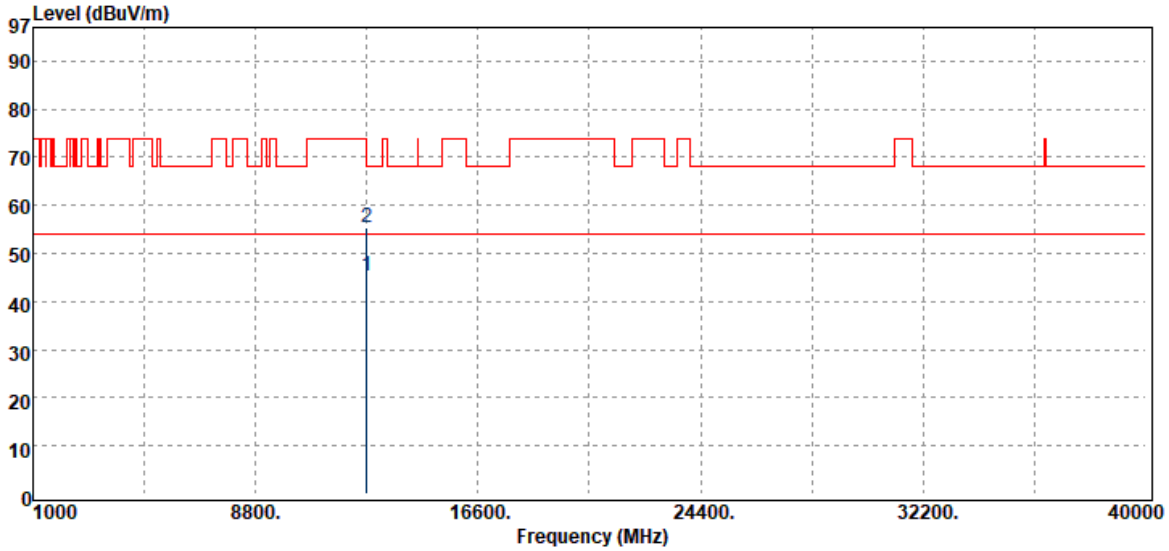
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12370.00	Average	25.07	19.96	45.03	54.00	-8.97
12370.00	Peak	34.17	19.96	54.13	74.00	-19.87

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-24
Test Frequency	:6185 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



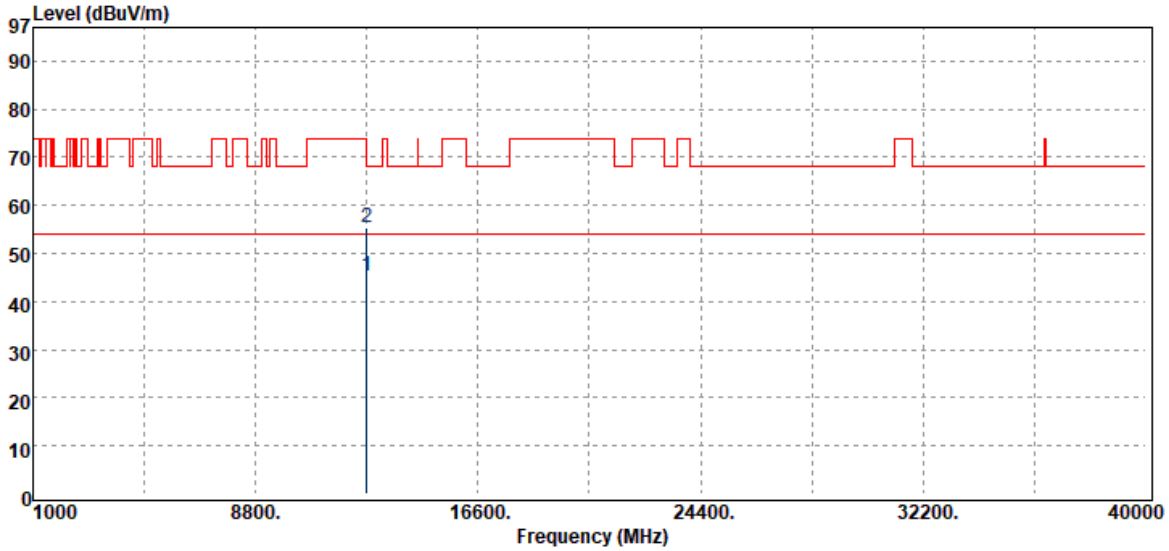
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12370.00	Average	25.04	19.96	45.00	54.00	-9.00
12370.00	Peak	34.18	19.96	54.14	74.00	-19.86

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-24
Test Frequency	:6345 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



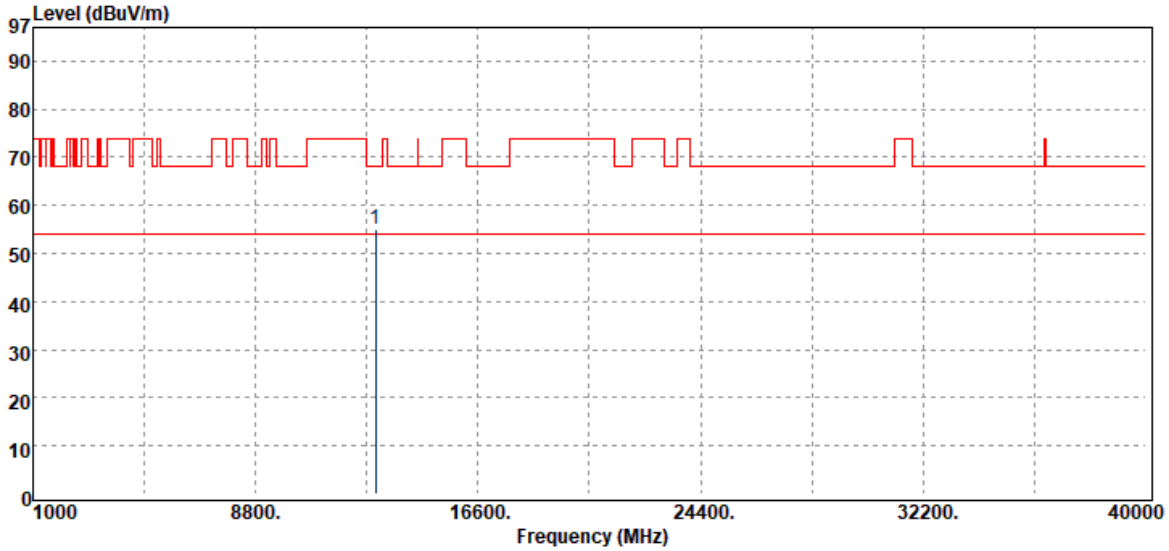
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12690.00	Average	24.66	20.58	45.24	54.00	-8.76
12690.00	Peak	34.94	20.58	55.52	74.00	-18.48

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-24
Test Frequency	:6345 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



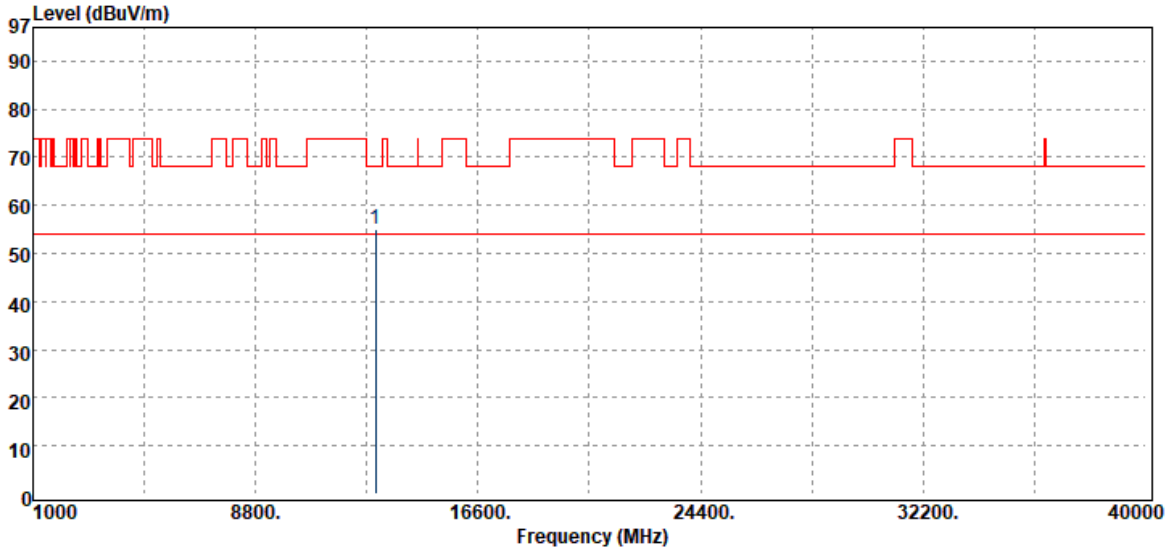
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
12690.00	Average	24.65	20.58	45.23	54.00	-8.77
12690.00	Peak	34.71	20.58	55.29	74.00	-18.71

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-24
Test Frequency	:6505 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



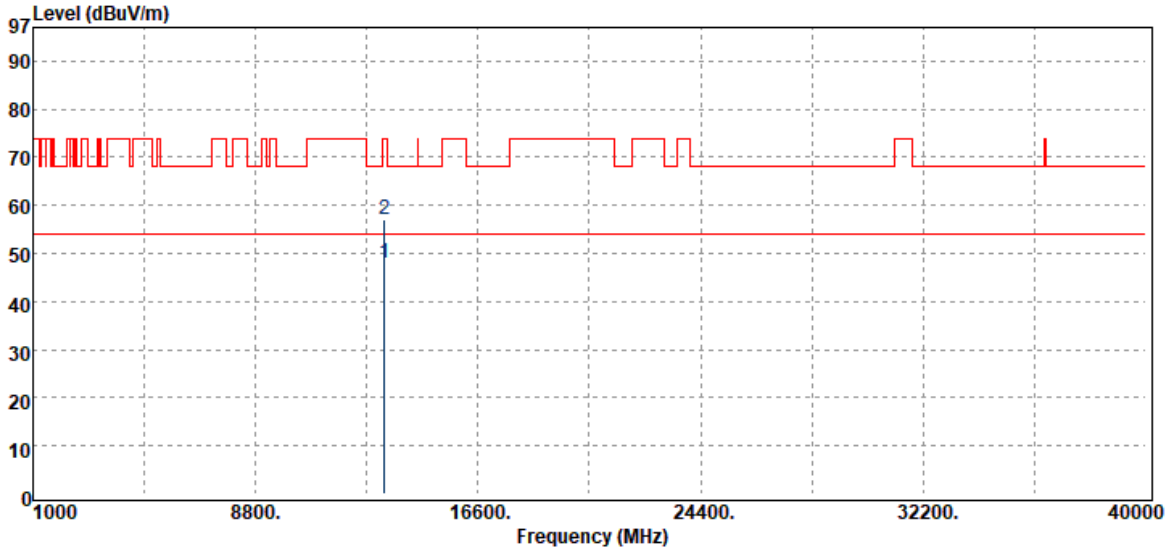
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13010.00	Peak	33.55	21.64	55.19	68.20	-13.01

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-24
Test Frequency	:6505 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



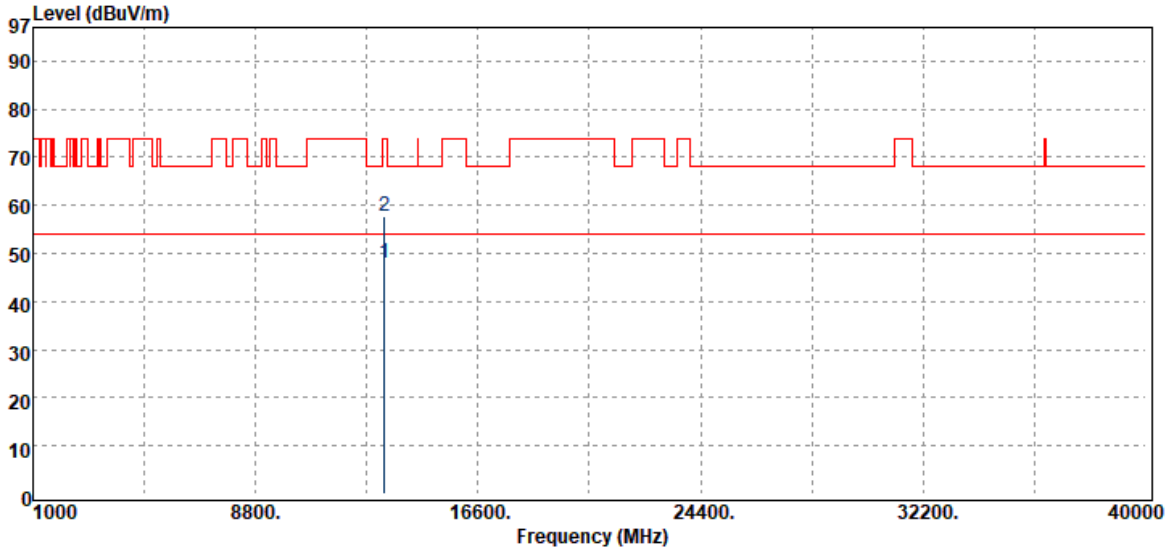
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13010.00	Peak	33.45	21.64	55.09	68.20	-13.11

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-24
Test Frequency	:6665 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



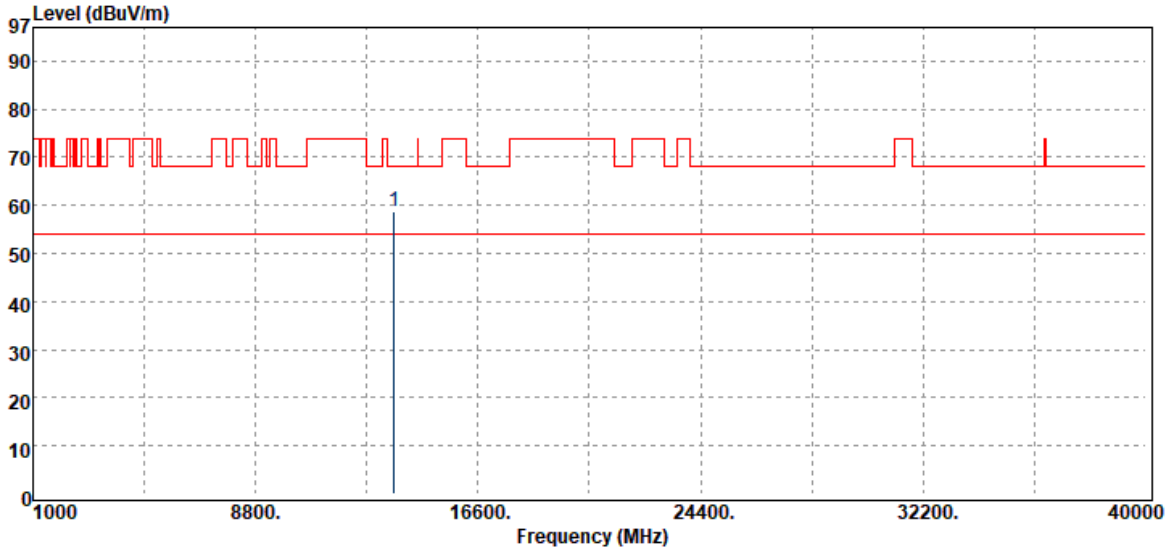
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13330.00	Average	25.39	22.77	48.16	54.00	-5.84
13330.00	Peak	34.28	22.77	57.05	74.00	-16.95

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-24
Test Frequency	:6665 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



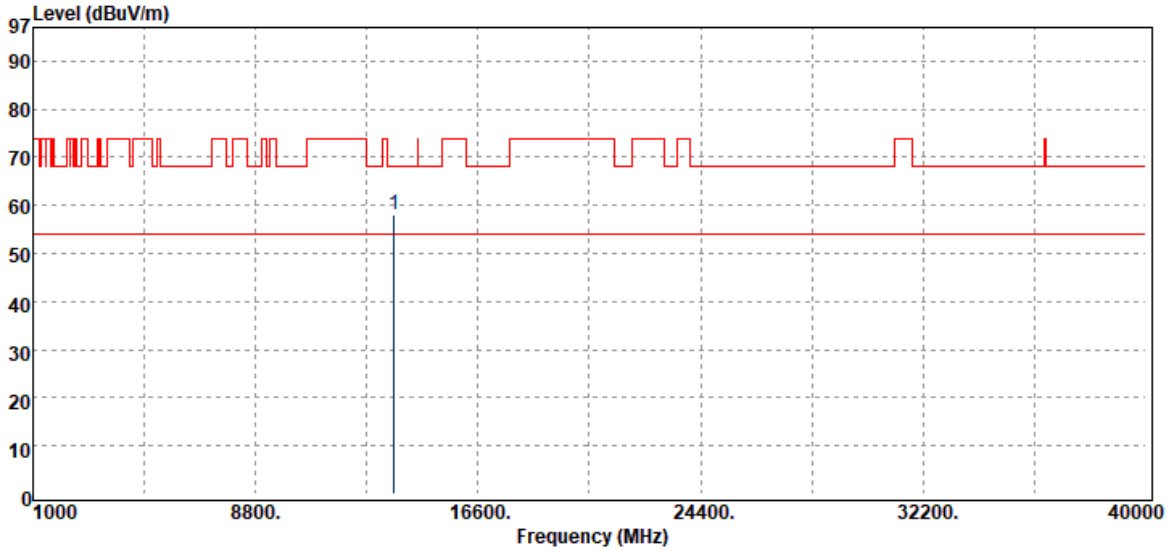
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13330.00	Average	25.34	22.77	48.11	54.00	-5.89
13330.00	Peak	35.02	22.77	57.79	74.00	-16.21

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-24
Test Frequency	:6825 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



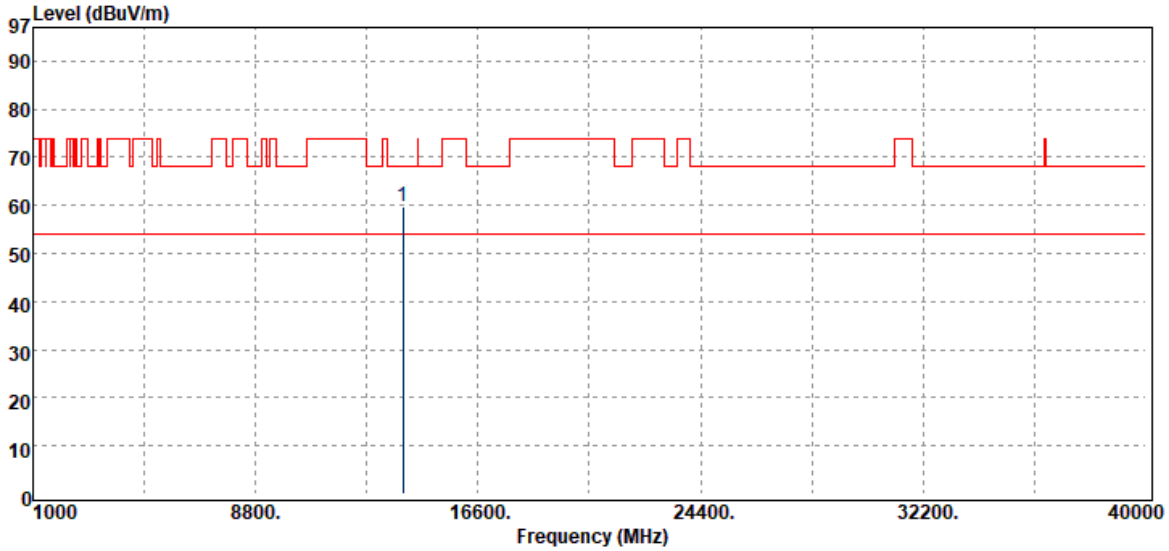
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13650.00	Peak	35.02	23.63	58.65	68.20	-9.55

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-24
Test Frequency	:6825 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



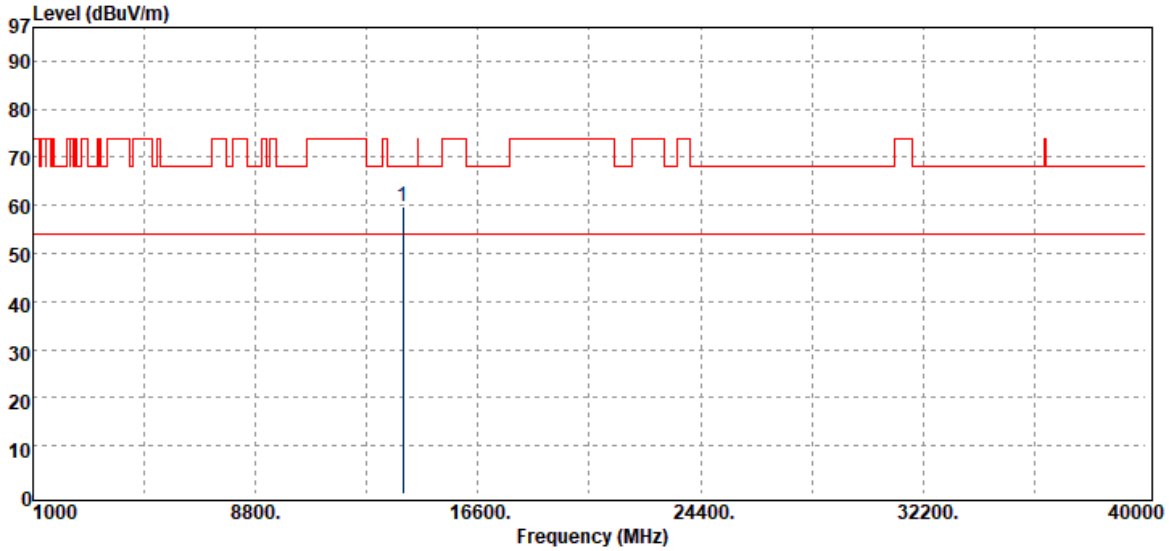
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13650.00	Peak	34.32	23.63	57.95	68.20	-10.25

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-24
Test Frequency	:6985 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13970.00	Peak	34.62	25.10	59.72	68.20	-8.48

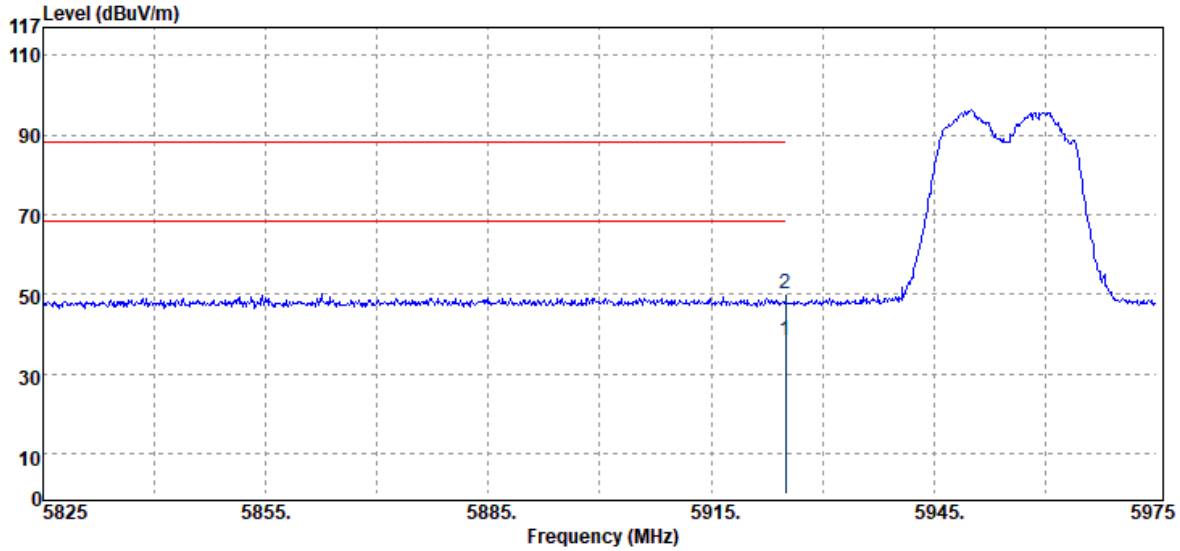
Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-24
Test Frequency	:6985 MHz	Temp./Humi.	:24.8/66
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
13970.00	Peak	34.53	25.10	59.63	68.20	-8.57

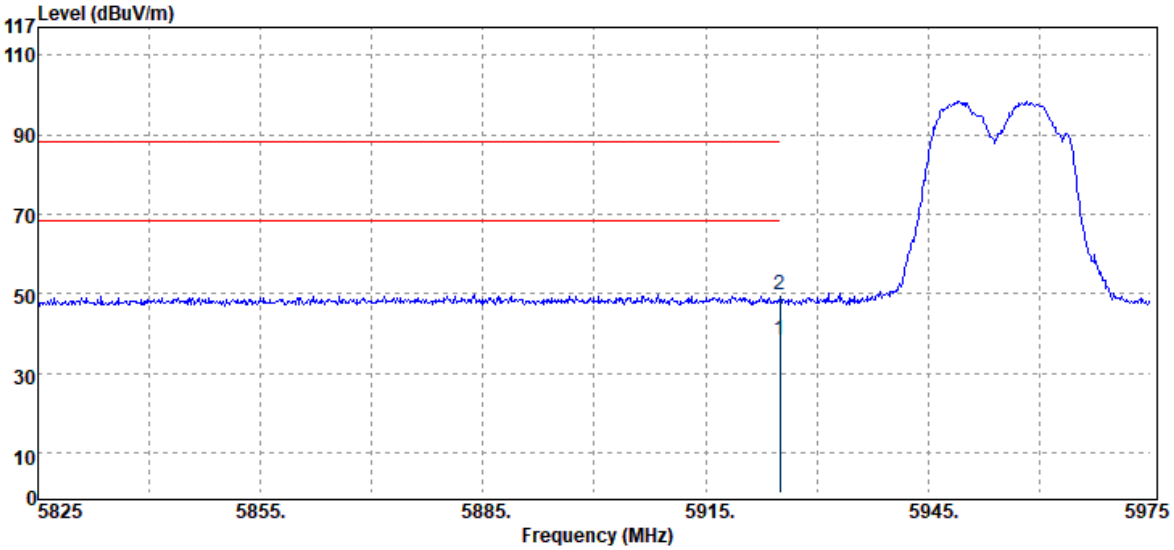
12.7.3 Band edge falling to restricted band

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-23
Test Frequency	:5955 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



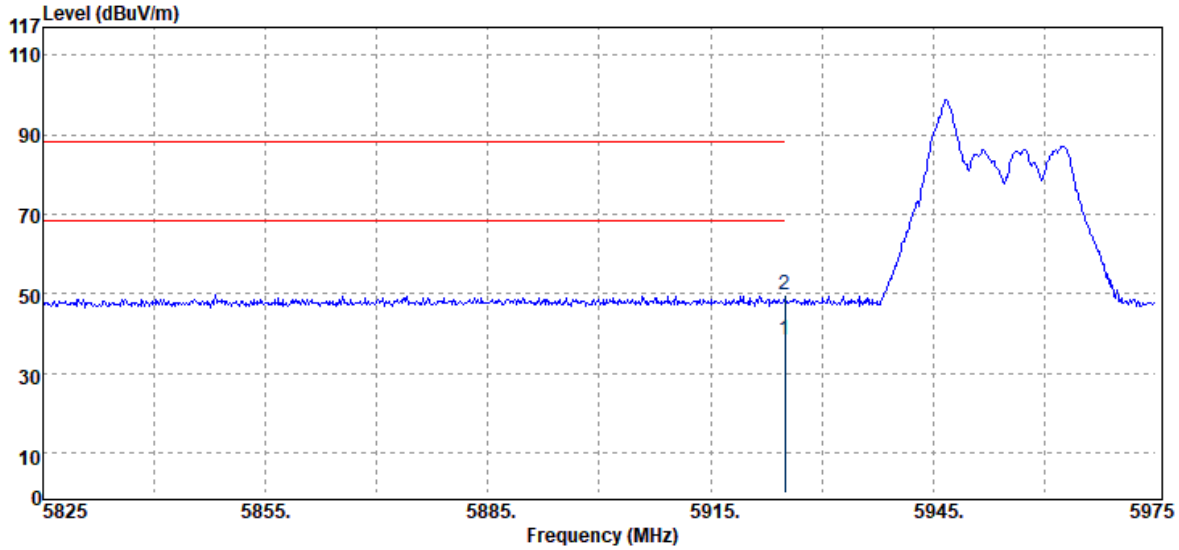
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5925.00	Average	29.47	8.84	38.31	68.30	-29.99
5925.00	Peak	41.30	8.84	50.14	88.30	-38.16

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-23
Test Frequency	:5955 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



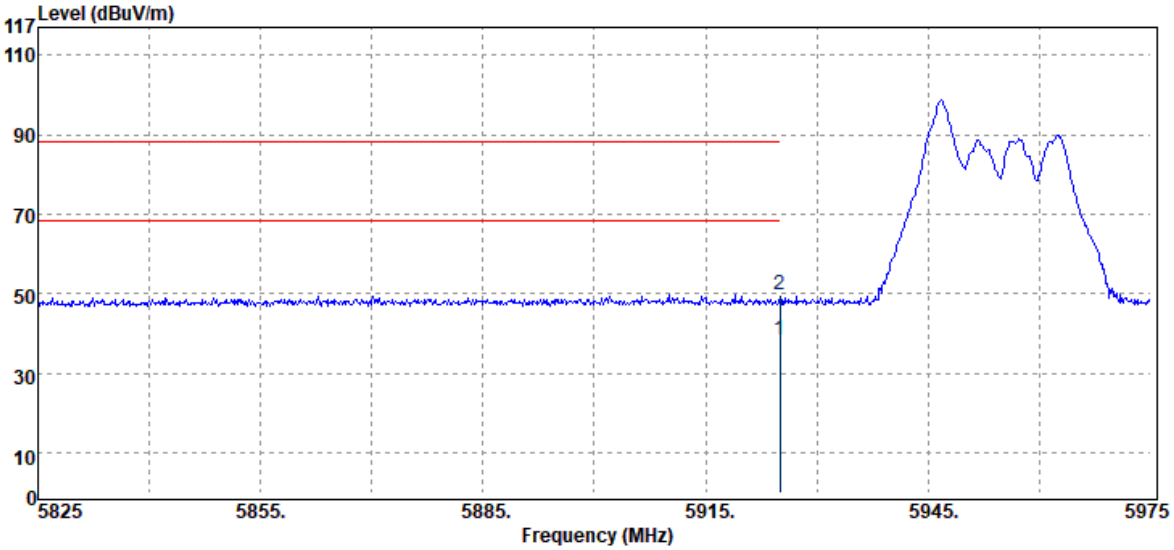
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5925.00	Average	29.45	8.84	38.29	68.30	-30.01
5925.00	Peak	41.01	8.84	49.85	88.30	-38.45

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20 26/0	Test Date	:2021-04-23
Test Frequency	:5955 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



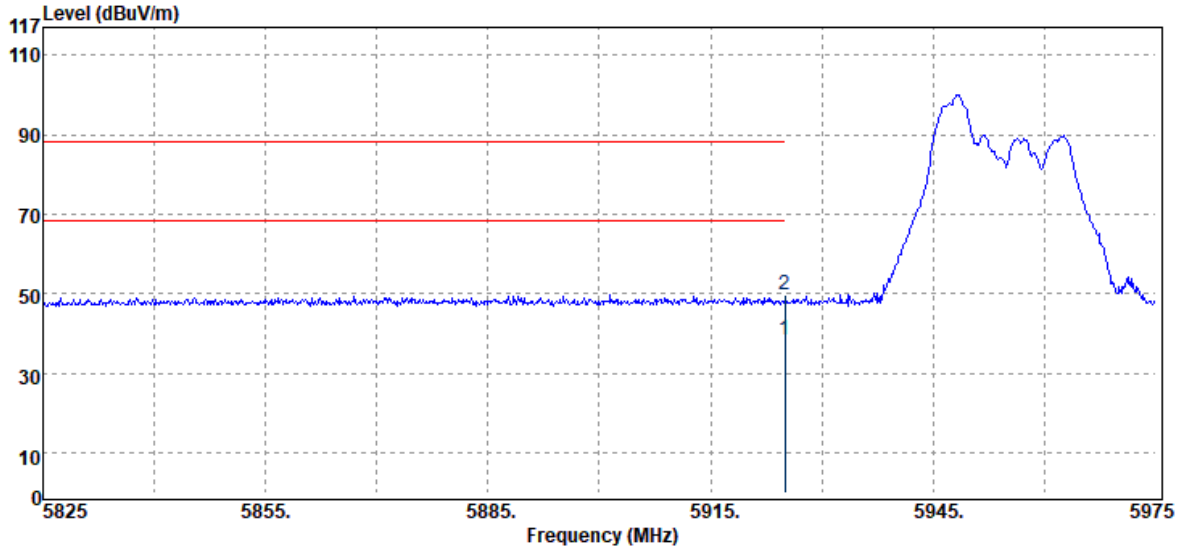
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5925.00	Average	29.50	8.84	38.34	68.30	-29.96
5925.00	Peak	41.10	8.84	49.94	88.30	-38.36

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20 26/0	Test Date	:2021-04-23
Test Frequency	:5955 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



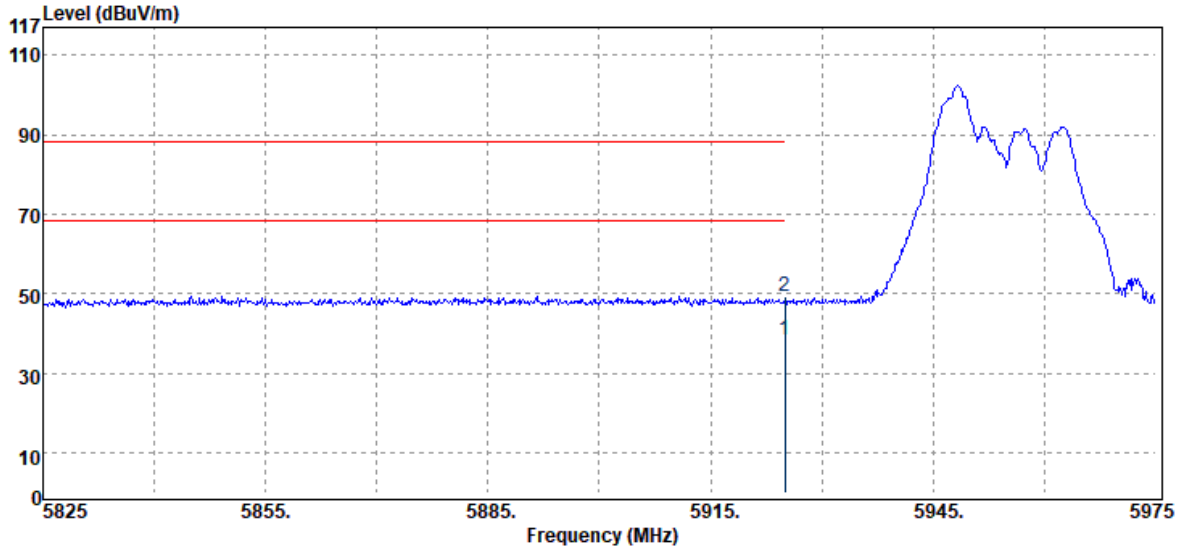
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5925.00	Average	29.47	8.84	38.31	68.30	-29.99
5925.00	Peak	41.14	8.84	49.98	88.30	-38.32

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20 52/37	Test Date	:2021-04-23
Test Frequency	:5955 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



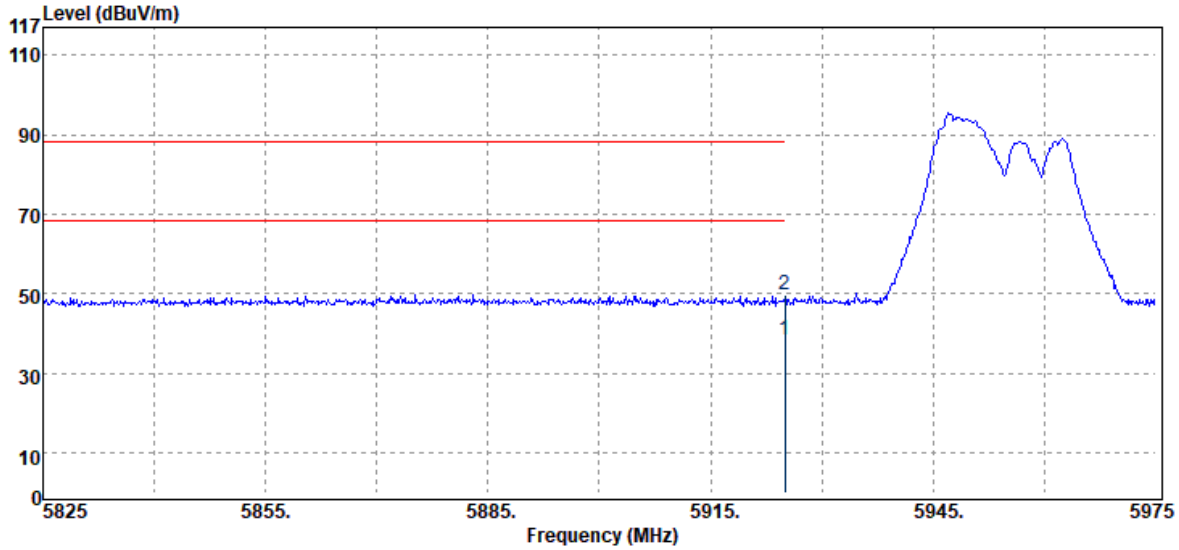
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5925.00	Average	29.54	8.84	38.38	68.30	-29.92
5925.00	Peak	40.91	8.84	49.75	88.30	-38.55

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20 52/37	Test Date	:2021-04-23
Test Frequency	:5955 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



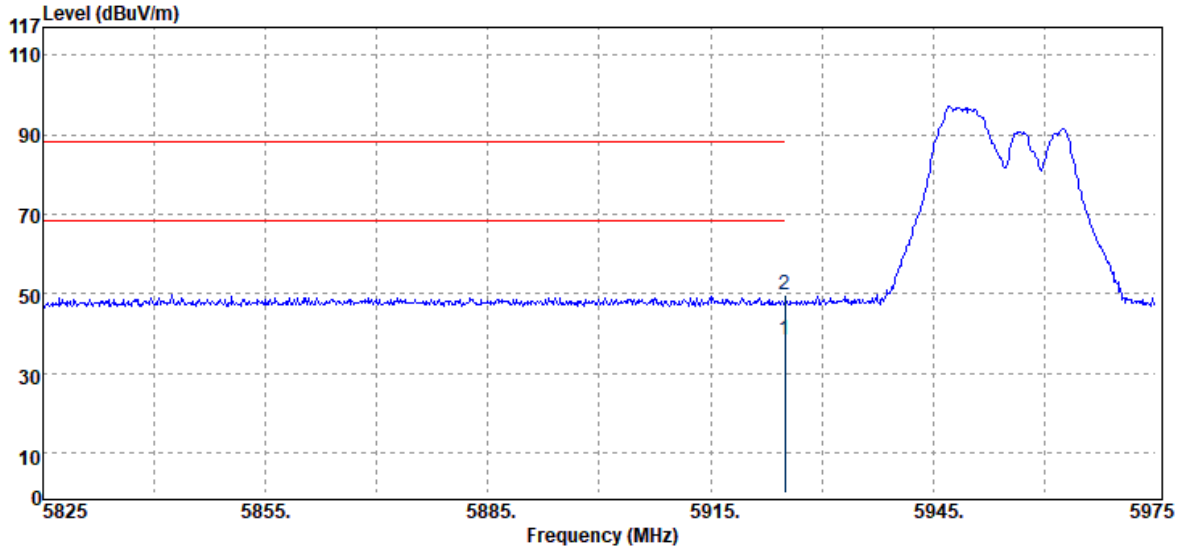
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5925.00	Average	29.46	8.84	38.30	68.30	-30.00
5925.00	Peak	40.69	8.84	49.53	88.30	-38.77

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20 106/53	Test Date	:2021-04-23
Test Frequency	:5955 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



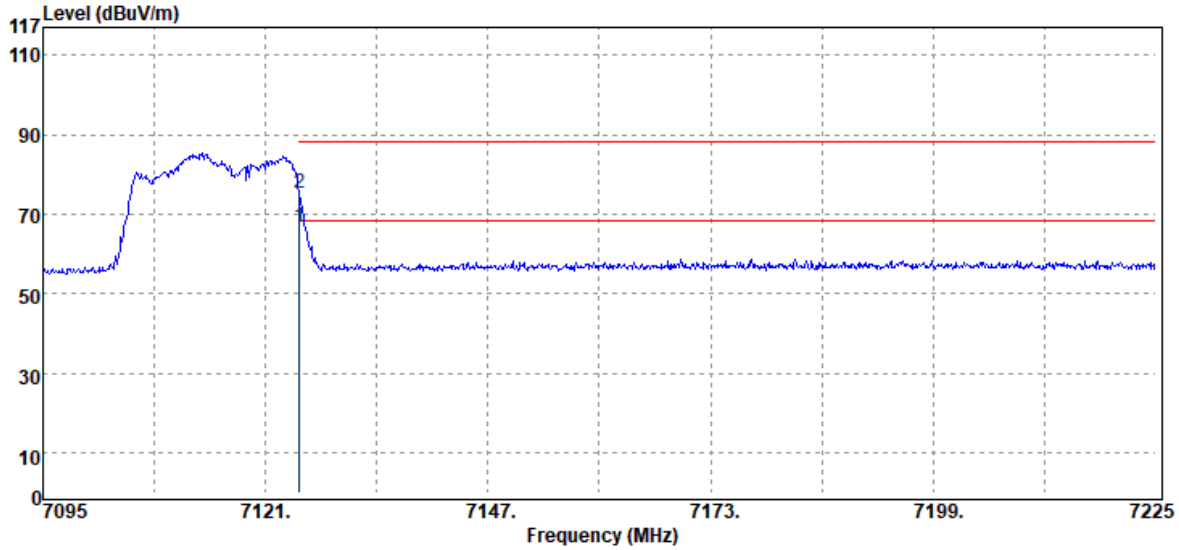
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5925.00	Average	29.48	8.84	38.32	68.30	-29.98
5925.00	Peak	41.00	8.84	49.84	88.30	-38.46

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20 106/53	Test Date	:2021-04-23
Test Frequency	:5955 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



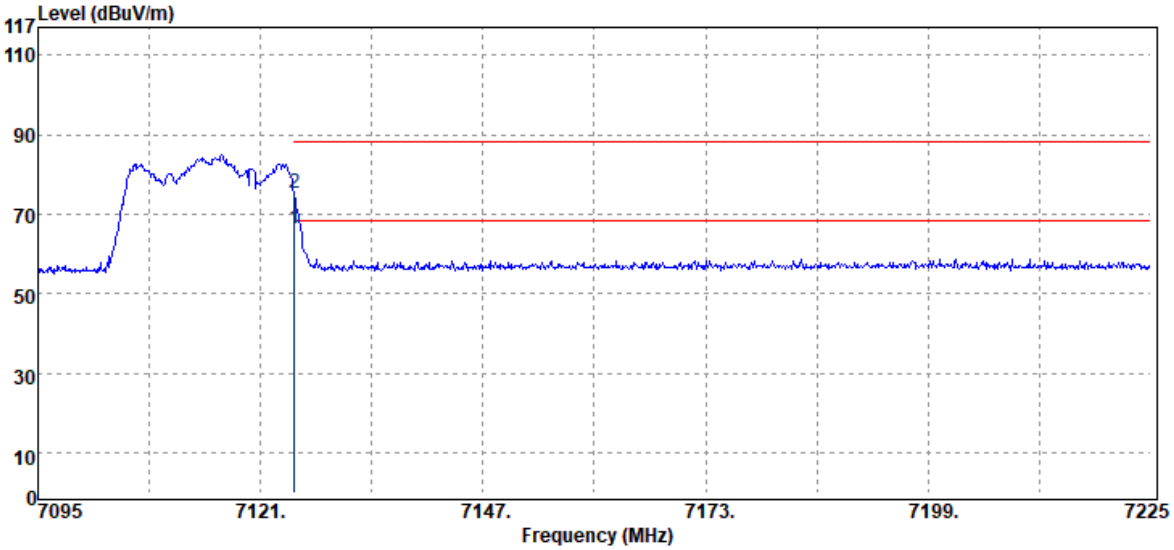
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5925.00	Average	29.45	8.84	38.29	68.30	-30.01
5925.00	Peak	40.76	8.84	49.60	88.30	-38.70

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-23
Test Frequency	:7115 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



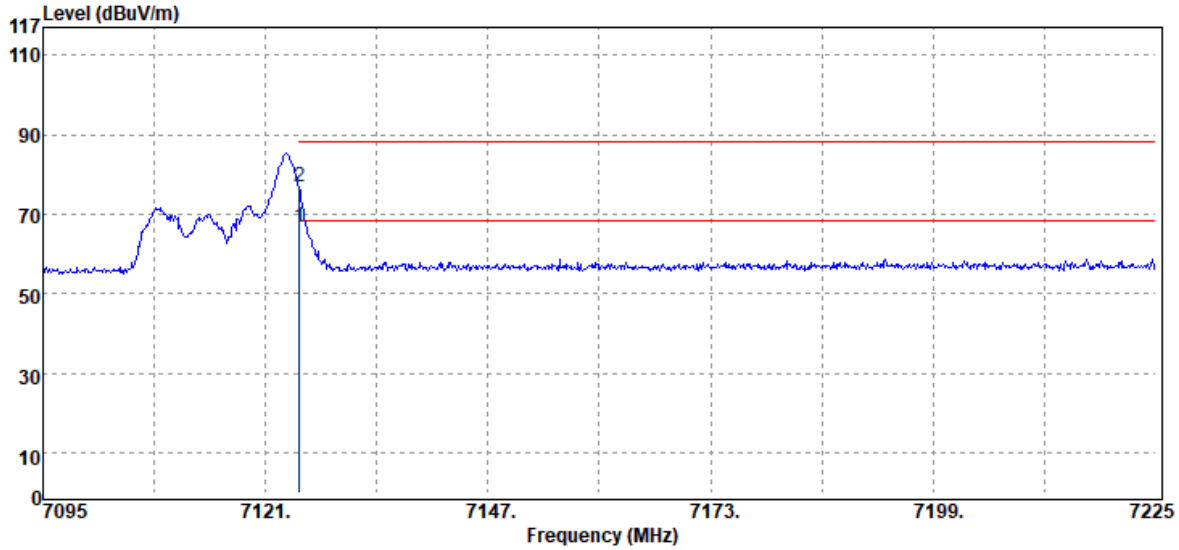
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
7125.00	Average	52.09	14.70	66.79	68.30	-1.51
7125.00	Peak	60.66	14.70	75.36	88.30	-12.94

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20	Test Date	:2021-04-23
Test Frequency	:7115 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



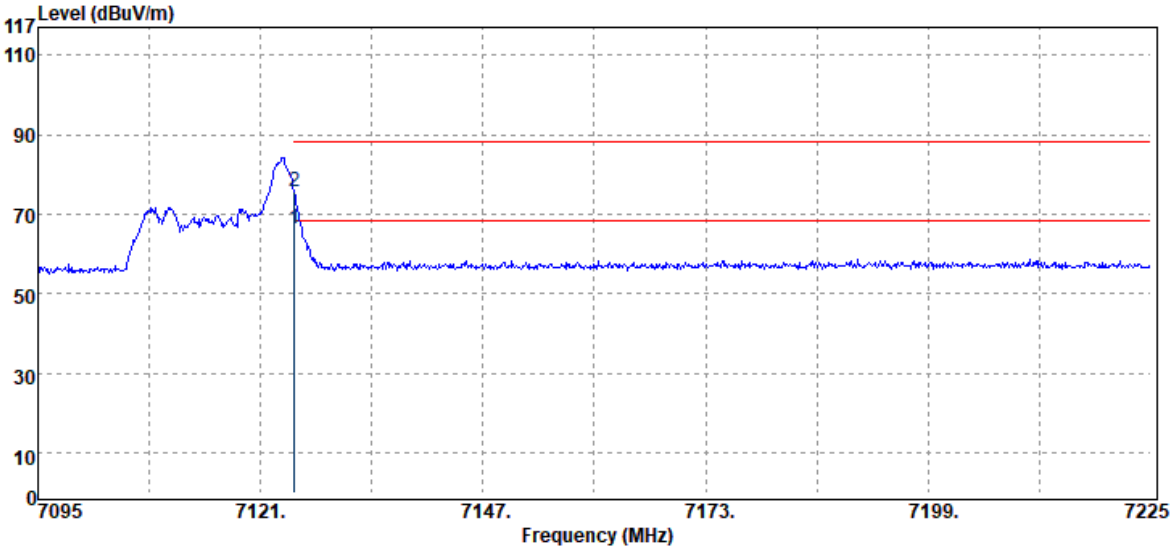
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
7125.00	Average	51.71	14.70	66.41	68.30	-1.89
7125.00	Peak	60.50	14.70	75.20	88.30	-13.10

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20 26/8	Test Date	:2021-04-23
Test Frequency	:7115 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



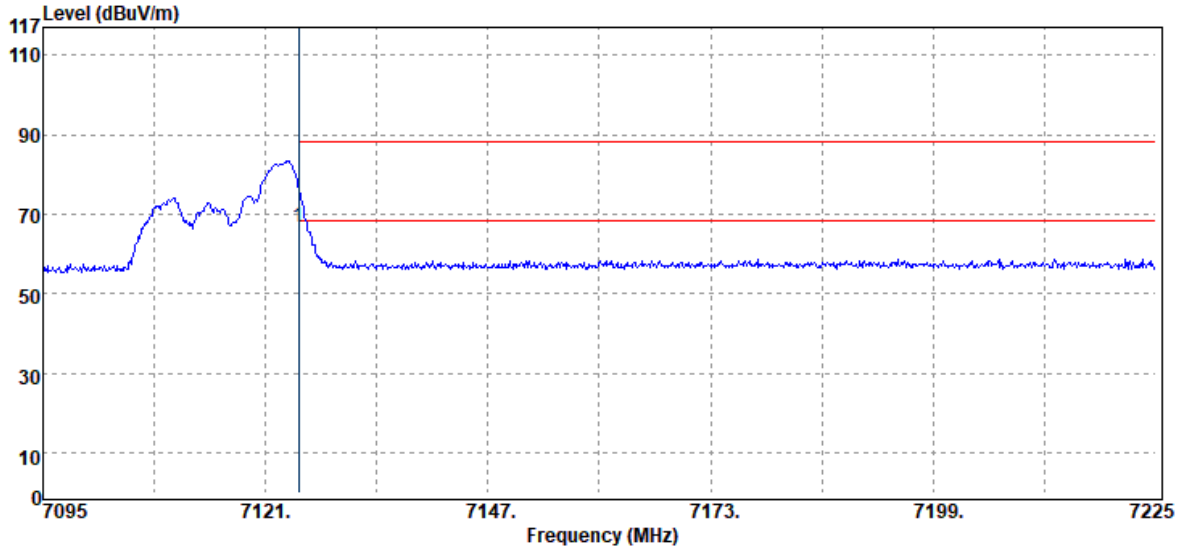
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
7125.00	Average	52.11	14.70	66.81	68.30	-1.49
7125.00	Peak	62.14	14.70	76.84	88.30	-11.46

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20 26/8	Test Date	:2021-04-23
Test Frequency	:7115 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



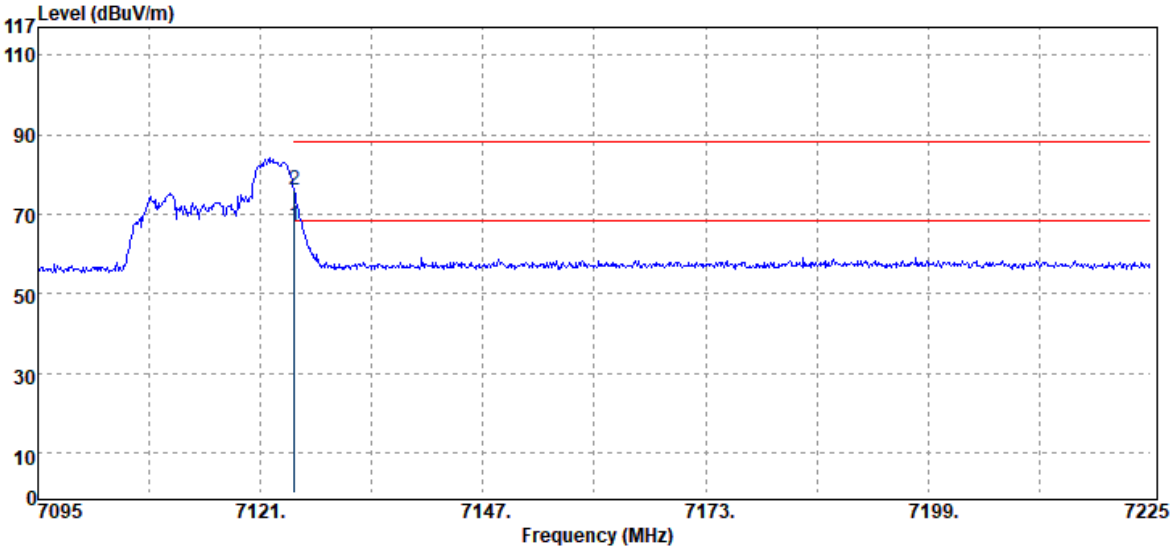
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
7125.00	Average	51.64	14.70	66.34	68.30	-1.96
7125.00	Peak	60.88	14.70	75.58	88.30	-12.72

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20 52/40	Test Date	:2021-04-23
Test Frequency	:7115 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



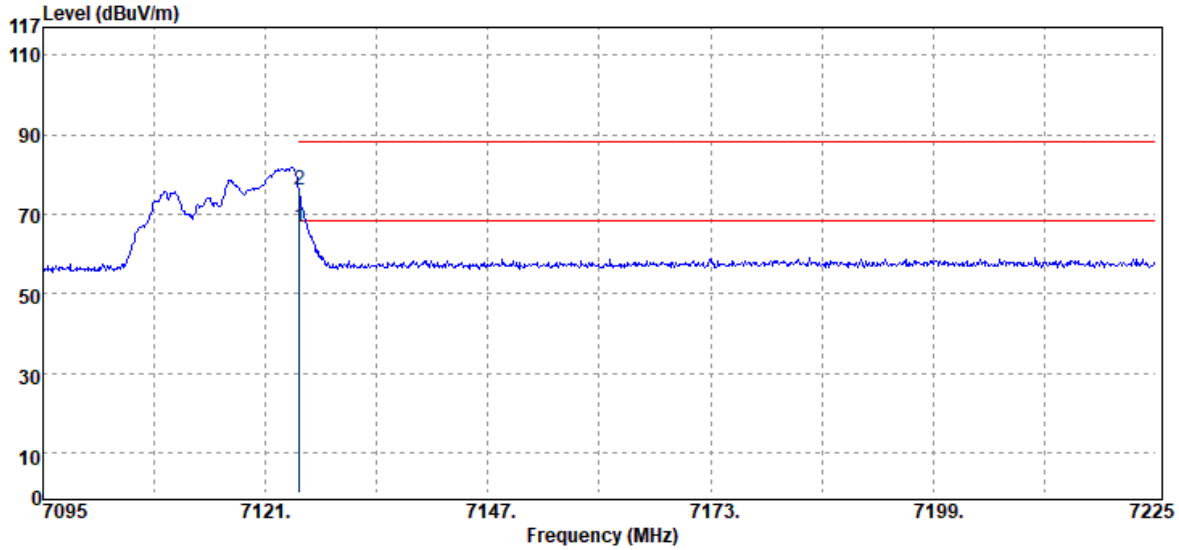
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
7124.90	Average	52.26	14.70	66.96	68.30	-1.34
7124.90	Peak	500.00	14.70	514.70	88.30	426.40

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20 52/40	Test Date	:2021-04-23
Test Frequency	:7115 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



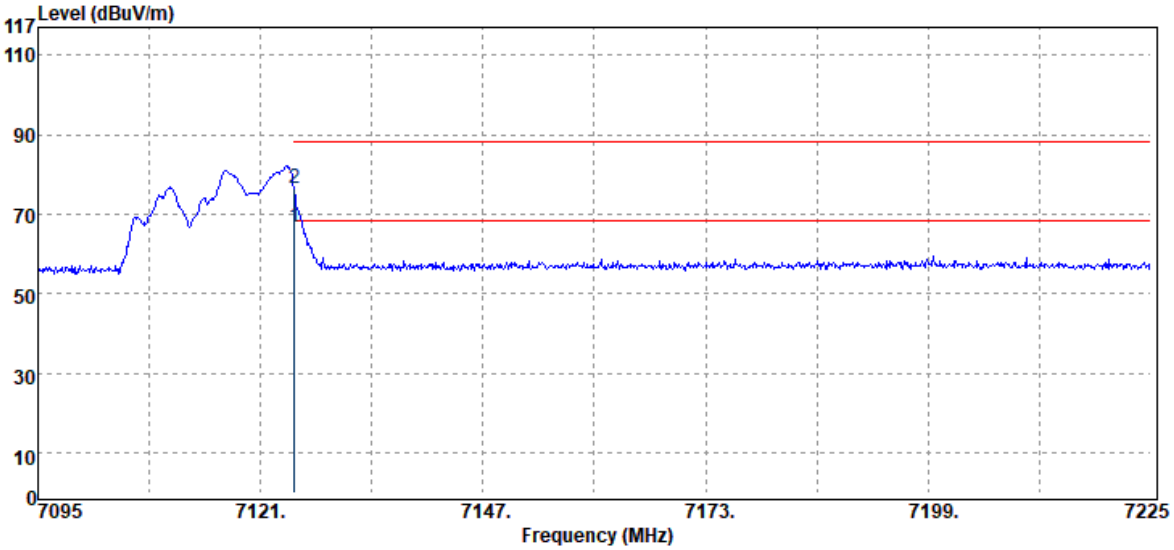
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
7125.00	Average	52.44	14.70	67.14	68.30	-1.16
7125.00	Peak	61.43	14.70	76.13	88.30	-12.17

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20 106/54	Test Date	:2021-04-23
Test Frequency	:7115 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



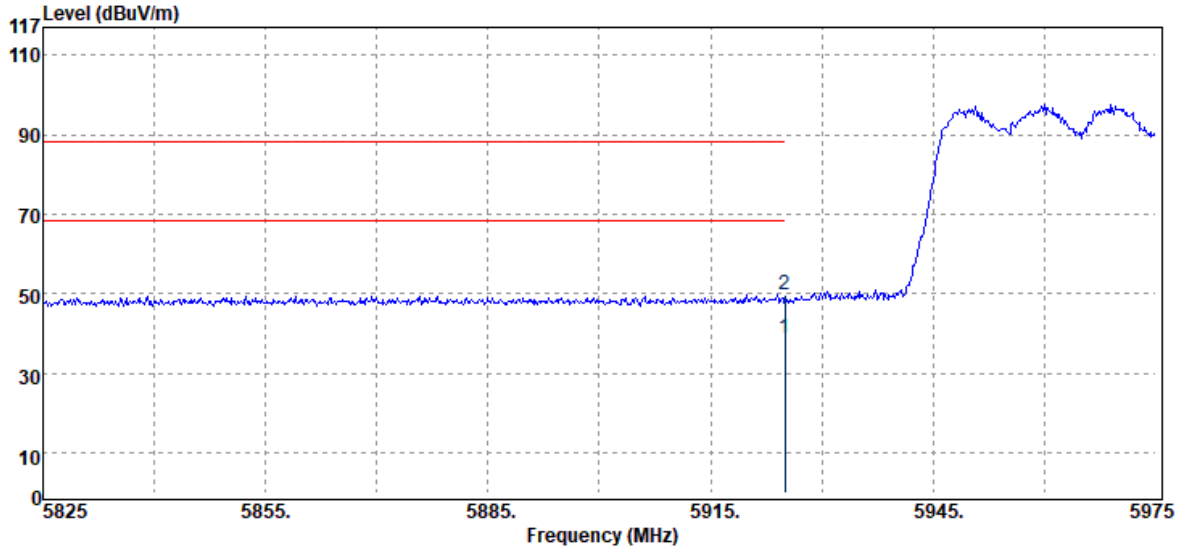
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
7125.00	Average	51.94	14.70	66.64	68.30	-1.66
7125.00	Peak	61.38	14.70	76.08	88.30	-12.22

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax20 106/54	Test Date	:2021-04-23
Test Frequency	:7115 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



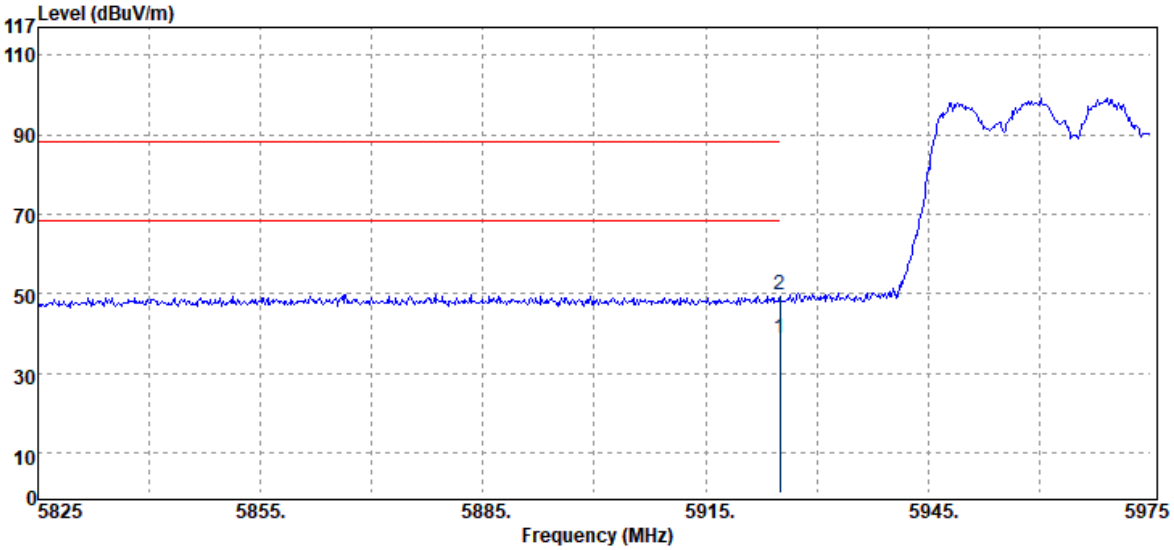
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
7125.00	Average	52.12	14.70	66.82	68.30	-1.48
7125.00	Peak	61.75	14.70	76.45	88.30	-11.85

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-23
Test Frequency	:5965 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



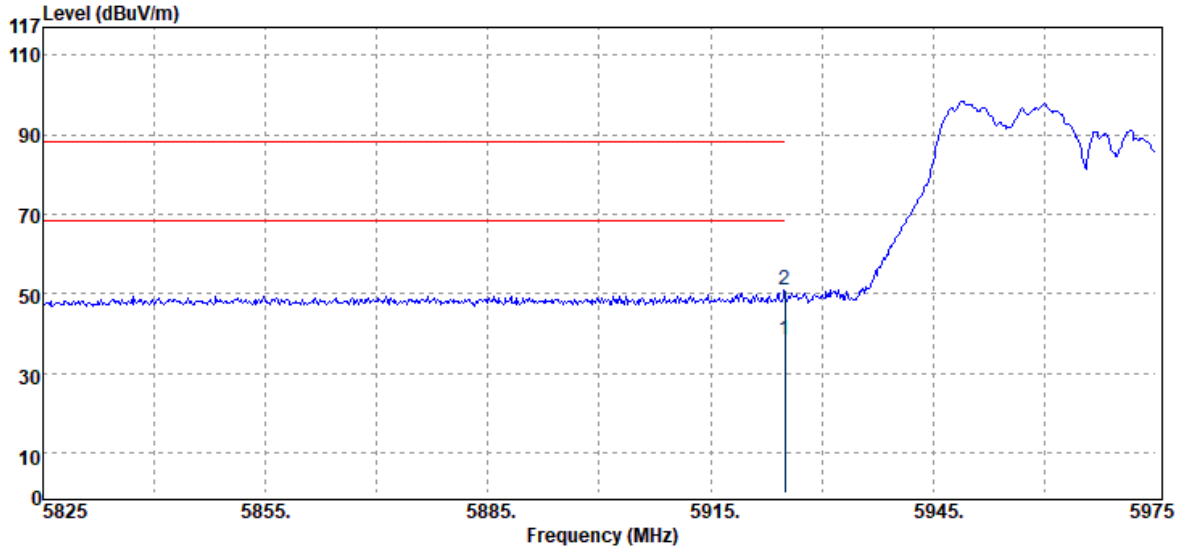
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5925.00	Average	29.96	8.84	38.80	68.30	-29.50
5925.00	Peak	40.91	8.84	49.75	88.30	-38.55

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-23
Test Frequency	:5965 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



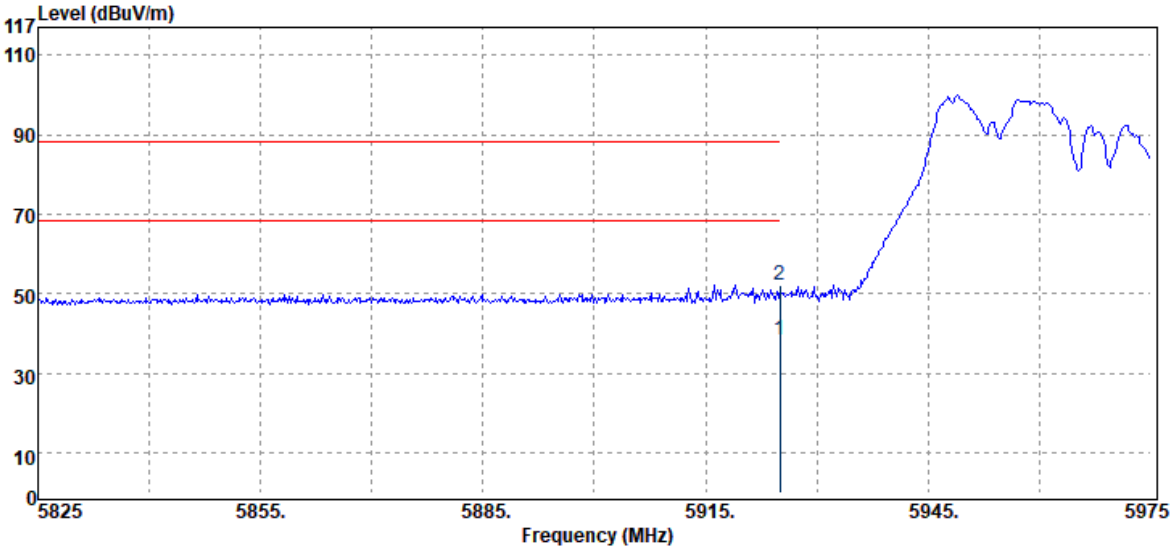
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5925.00	Average	29.87	8.84	38.71	68.30	-29.59
5925.00	Peak	41.14	8.84	49.98	88.30	-38.32

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40 242/61	Test Date	:2021-04-23
Test Frequency	:5965 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



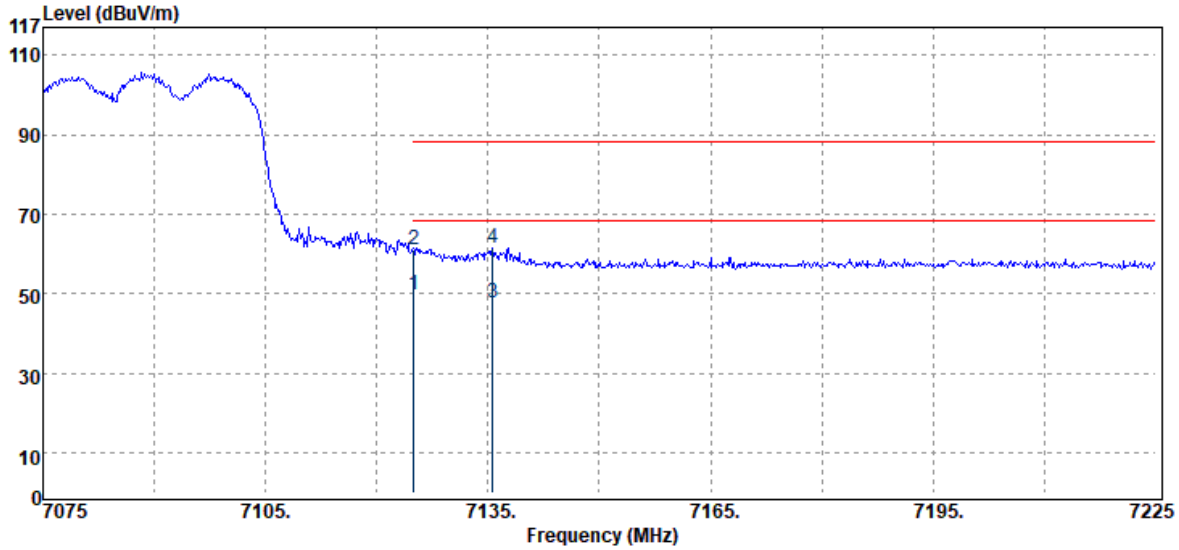
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5925.00	Average	29.53	8.84	38.37	68.30	-29.93
5925.00	Peak	42.36	8.84	51.20	88.30	-37.10

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40 242/61	Test Date	:2021-04-23
Test Frequency	:5965 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



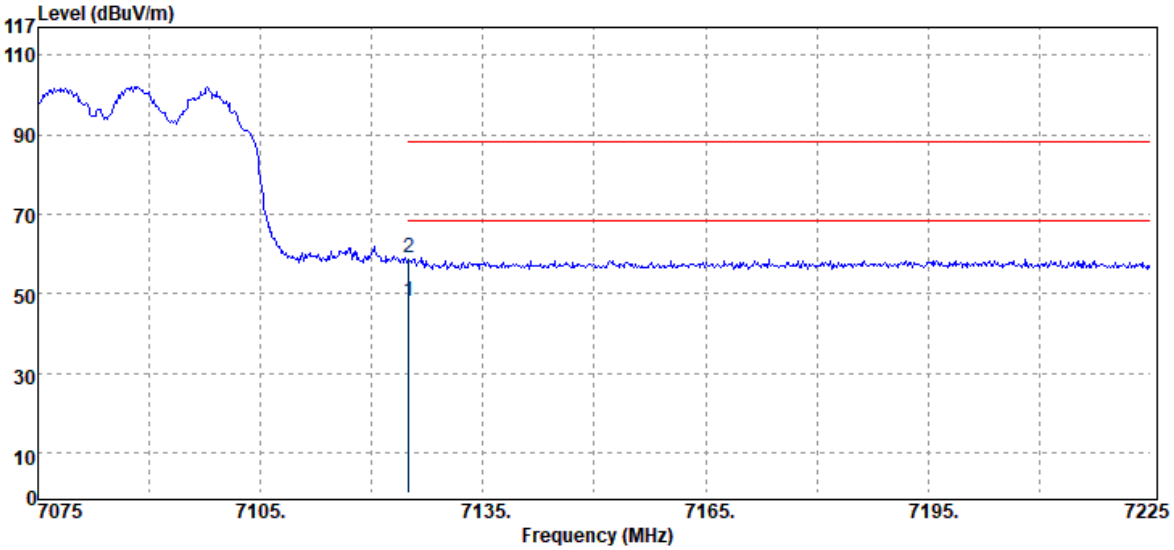
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5925.00	Average	29.65	8.84	38.49	68.30	-29.81
5925.00	Peak	43.43	8.84	52.27	88.30	-36.03

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-23
Test Frequency	:7085 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



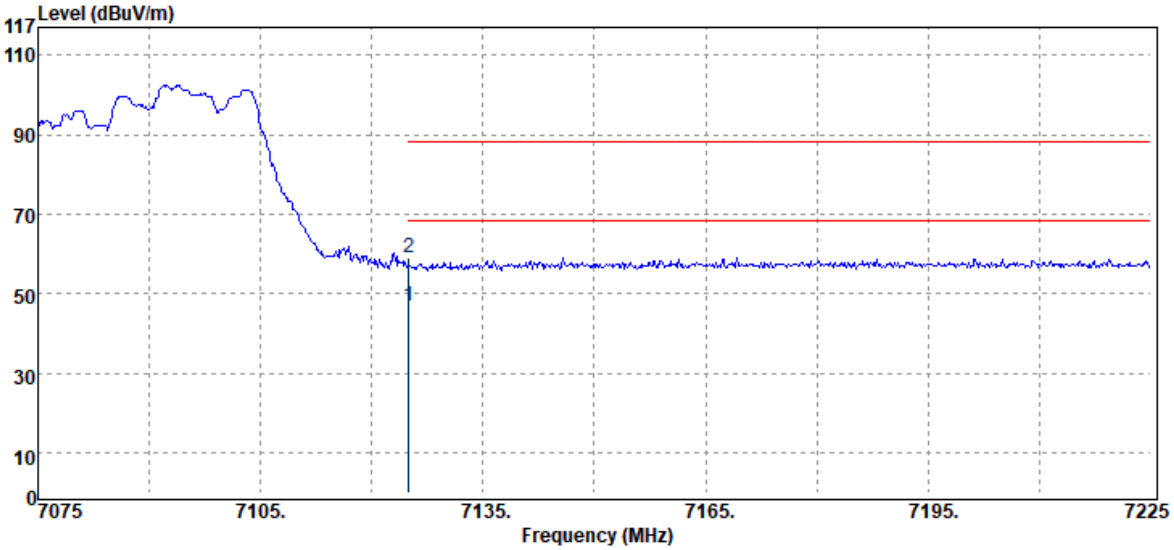
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
7125.00	Average	35.16	14.70	49.86	68.30	-18.44
7125.00	Peak	46.35	14.70	61.05	88.30	-27.25
7135.58	Average	32.75	14.86	47.61	68.30	-20.69
7135.58	Peak	46.65	14.86	61.51	88.30	-26.79

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40	Test Date	:2021-04-23
Test Frequency	:7085 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



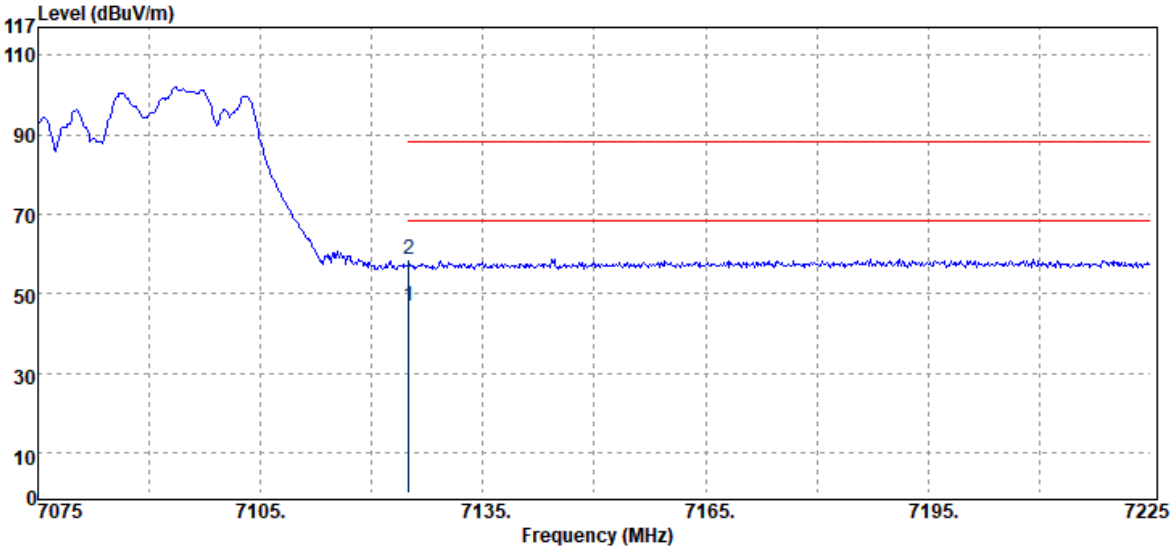
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
7125.00	Average	33.46	14.70	48.16	68.30	-20.14
7125.00	Peak	44.43	14.70	59.13	88.30	-29.17

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40 242/62	Test Date	:2021-04-23
Test Frequency	:7085 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



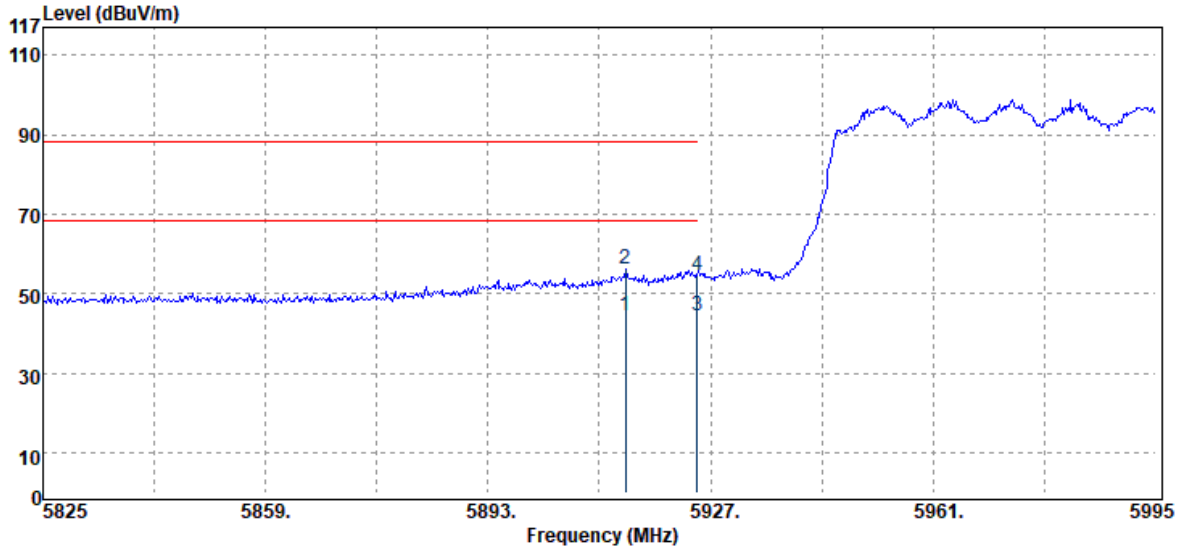
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
7125.00	Average	32.37	14.70	47.07	68.30	-21.23
7125.00	Peak	44.35	14.70	59.05	88.30	-29.25

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax40 242/62	Test Date	:2021-04-23
Test Frequency	:7085 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



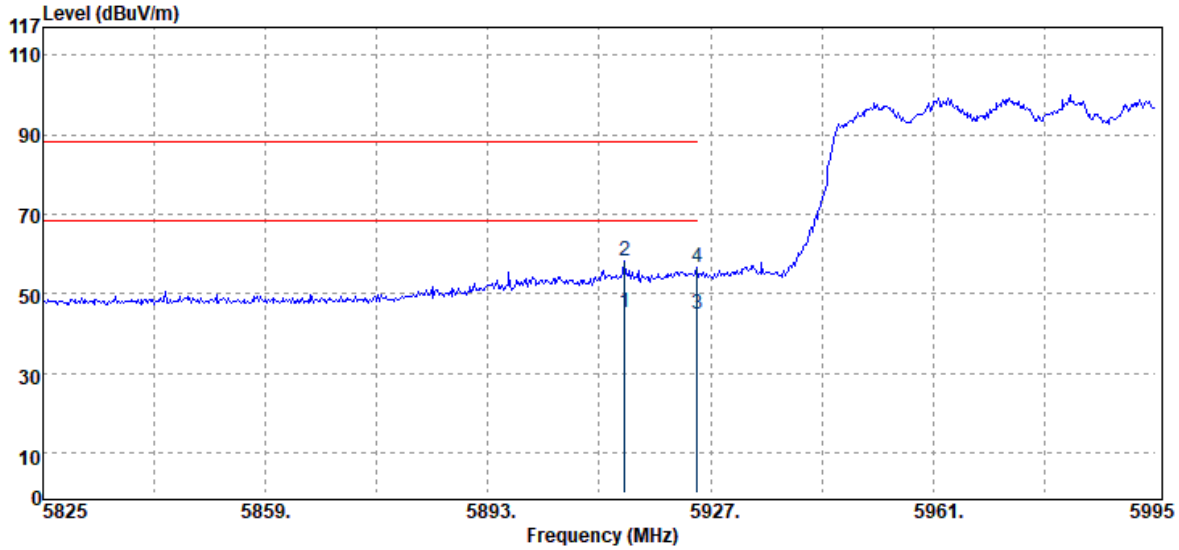
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
7125.00	Average	32.26	14.70	46.96	68.30	-21.34
7125.00	Peak	44.10	14.70	58.80	88.30	-29.50

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-23
Test Frequency	:5985 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



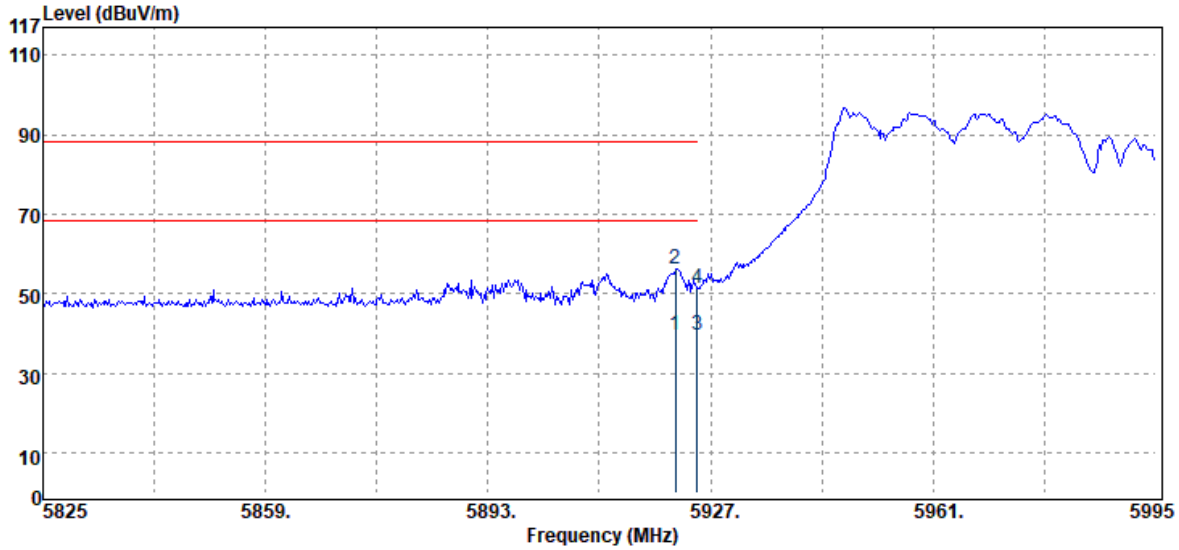
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5914.04	Average	35.70	8.86	44.56	68.30	-23.74
5914.04	Peak	47.62	8.86	56.48	88.30	-31.82
5925.00	Average	35.68	8.84	44.52	68.30	-23.78
5925.00	Peak	45.86	8.84	54.70	88.30	-33.60

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-23
Test Frequency	:5985 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



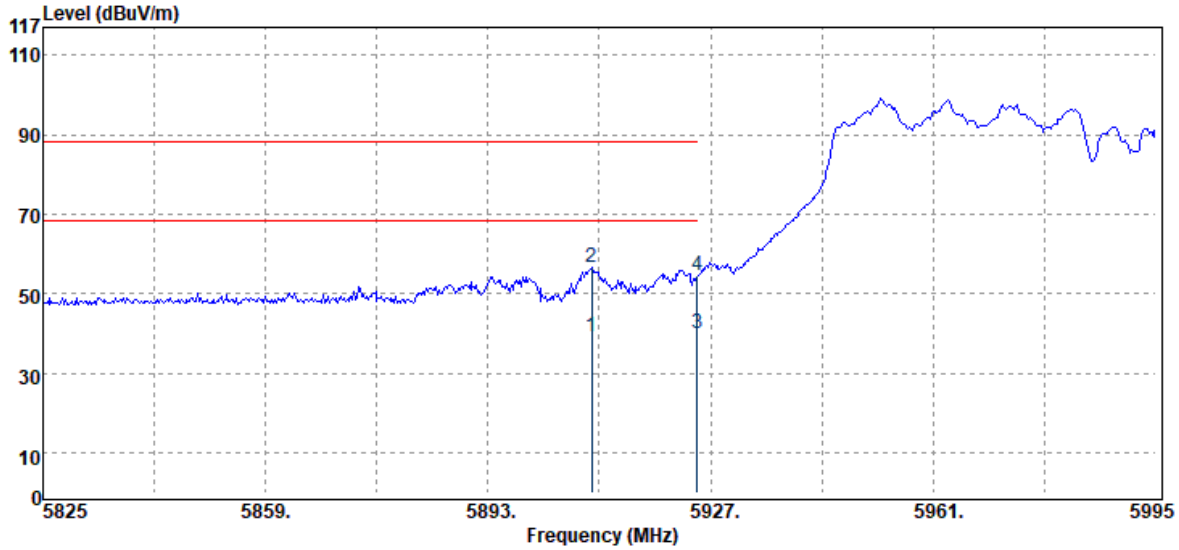
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5913.83	Average	36.43	8.86	45.29	68.30	-23.01
5913.83	Peak	49.26	8.86	58.12	88.30	-30.18
5925.00	Average	36.27	8.84	45.11	68.30	-23.19
5925.00	Peak	47.84	8.84	56.68	88.30	-31.62

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80 484/65	Test Date	:2021-04-23
Test Frequency	:5985 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



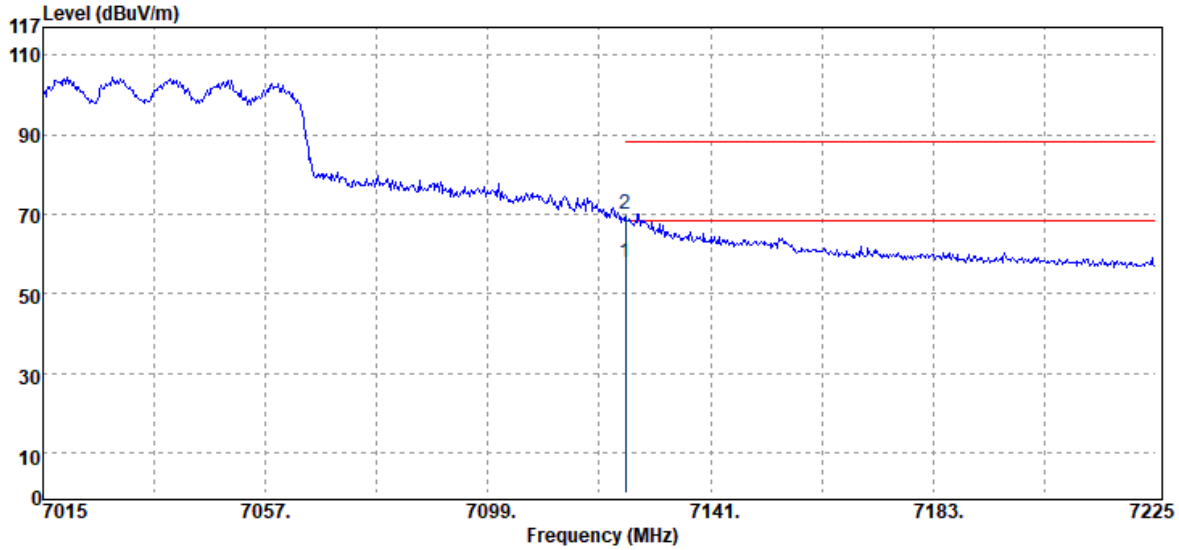
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5921.58	Average	30.81	8.85	39.66	68.30	-28.64
5921.58	Peak	47.45	8.85	56.30	88.30	-32.00
5925.00	Average	30.70	8.84	39.54	68.30	-28.76
5925.00	Peak	42.47	8.84	51.31	88.30	-36.99

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80 484/65	Test Date	:2021-04-23
Test Frequency	:5985 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



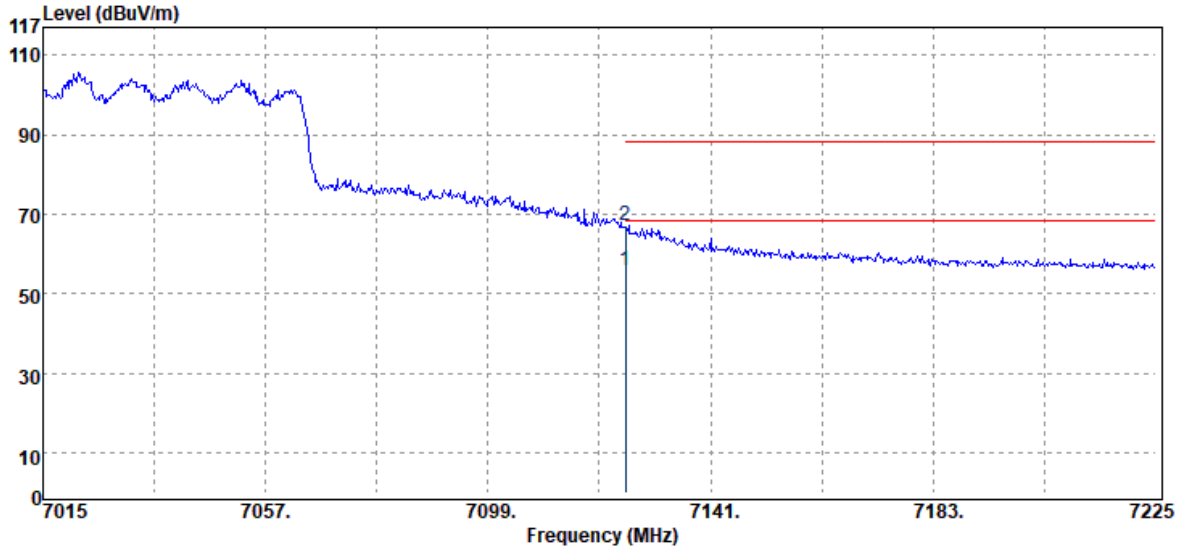
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5908.82	Average	30.42	8.86	39.28	68.30	-29.02
5908.82	Peak	47.65	8.86	56.51	88.30	-31.79
5925.00	Average	31.10	8.84	39.94	68.30	-28.36
5925.00	Peak	45.63	8.84	54.47	88.30	-33.83

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-23
Test Frequency	:7025 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



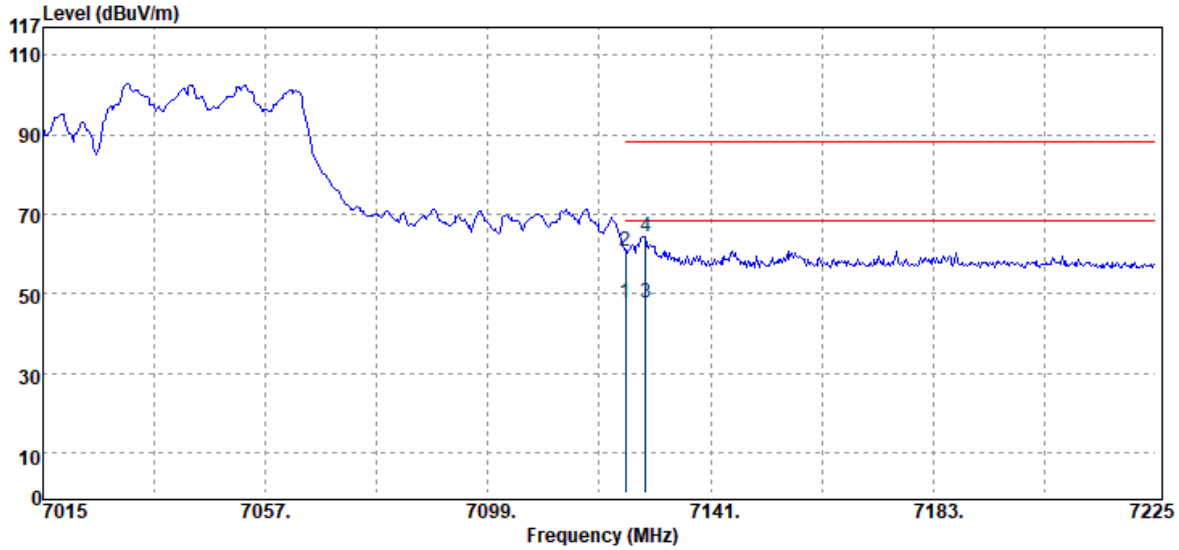
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
7125.00	Average	43.04	14.70	57.74	68.30	-10.56
7125.00	Peak	55.34	14.70	70.04	88.30	-18.26

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80	Test Date	:2021-04-23
Test Frequency	:7025 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



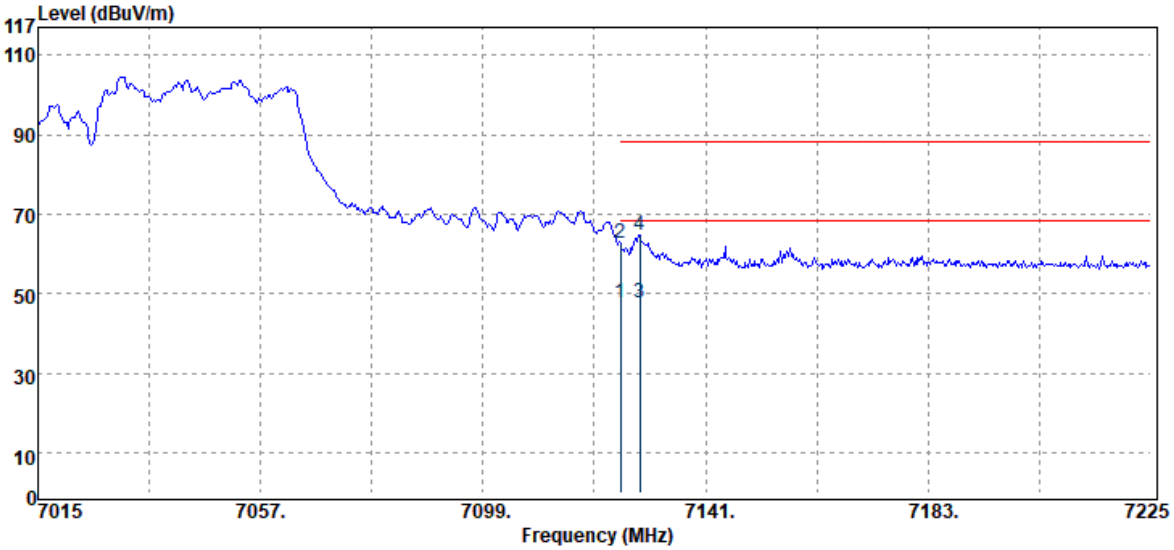
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
7125.00	Average	41.03	14.70	55.73	68.30	-12.57
7125.00	Peak	52.45	14.70	67.15	88.30	-21.15

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80 484/66	Test Date	:2021-04-23
Test Frequency	:7025 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



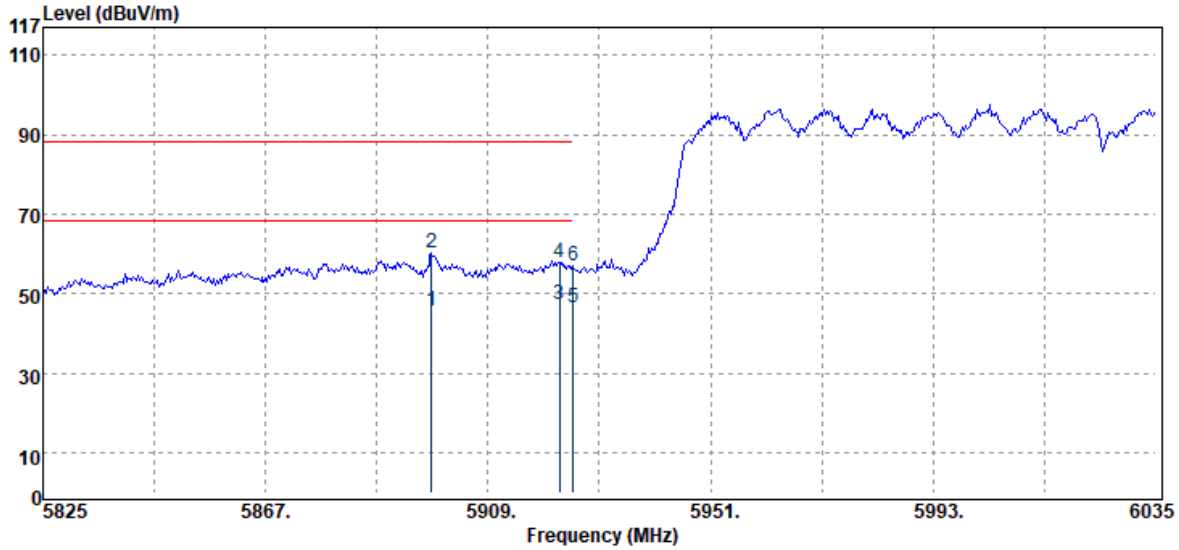
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
7125.00	Average	33.12	14.70	47.82	68.30	-20.48
7125.00	Peak	46.15	14.70	60.85	88.30	-27.45
7128.80	Average	32.89	14.75	47.64	68.30	-20.66
7128.80	Peak	49.68	14.75	64.43	88.30	-23.87

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax80 484/66	Test Date	:2021-04-23
Test Frequency	:7025 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



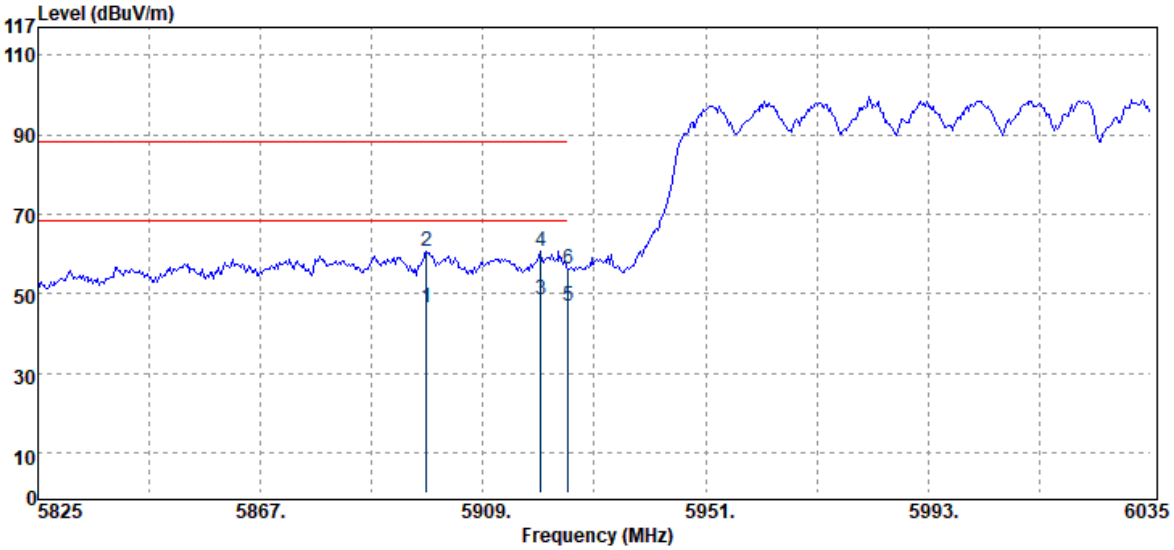
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
7125.00	Average	33.19	14.70	47.89	68.30	-20.41
7125.00	Peak	48.13	14.70	62.83	88.30	-25.47
7128.54	Average	32.97	14.75	47.72	68.30	-20.58
7128.54	Peak	50.08	14.75	64.83	88.30	-23.47

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-23
Test Frequency	:6025 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



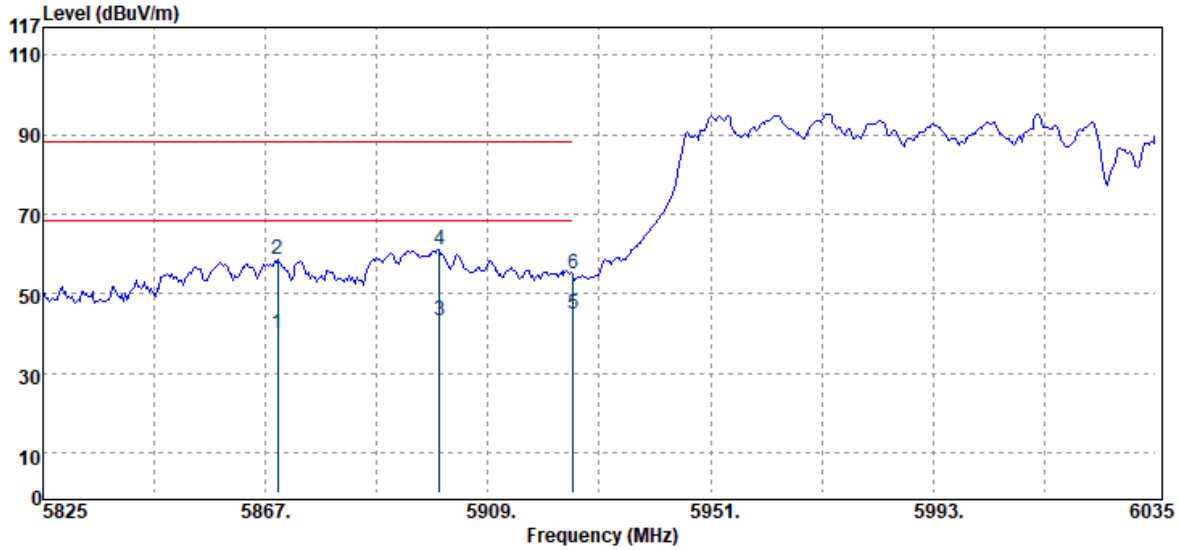
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5898.37	Average	36.83	8.85	45.68	68.30	-22.62
5898.37	Peak	51.35	8.85	60.20	88.30	-28.10
5922.52	Average	38.57	8.85	47.42	68.30	-20.88
5922.52	Peak	49.02	8.85	57.87	88.30	-30.43
5925.00	Average	37.62	8.84	46.46	68.30	-21.84
5925.00	Peak	48.05	8.84	56.89	88.30	-31.41

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-23
Test Frequency	:6025 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



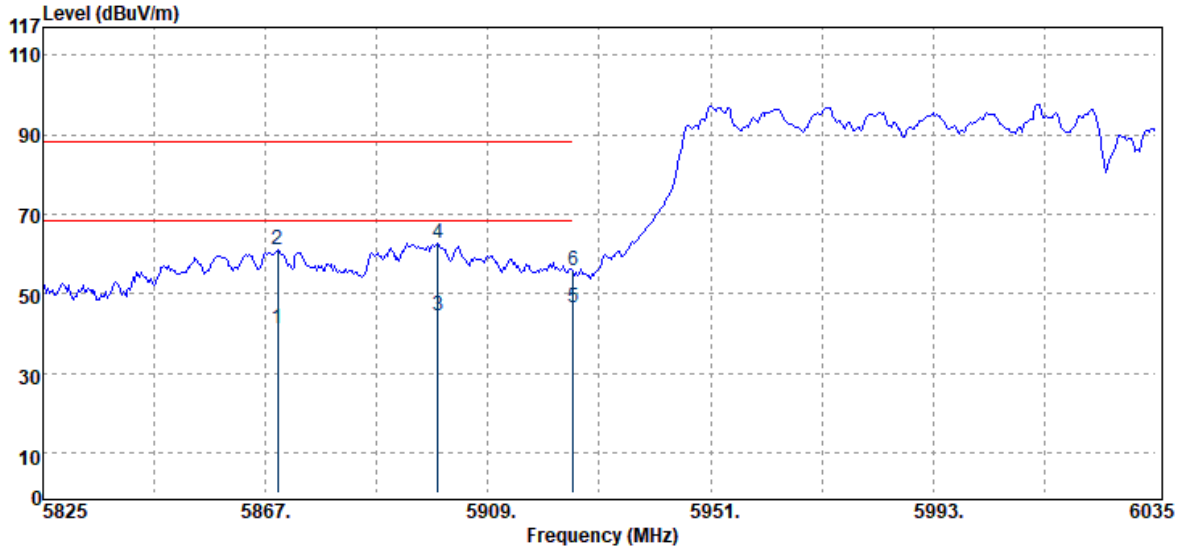
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5898.37	Average	37.75	8.85	46.60	68.30	-21.70
5898.37	Peak	51.90	8.85	60.75	88.30	-27.55
5919.83	Average	39.65	8.85	48.50	68.30	-19.80
5919.83	Peak	51.99	8.85	60.84	88.30	-27.46
5925.00	Average	38.05	8.84	46.89	68.30	-21.41
5925.00	Peak	47.24	8.84	56.08	88.30	-32.22

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160 996/67	Test Date	:2021-04-23
Test Frequency	:6025 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



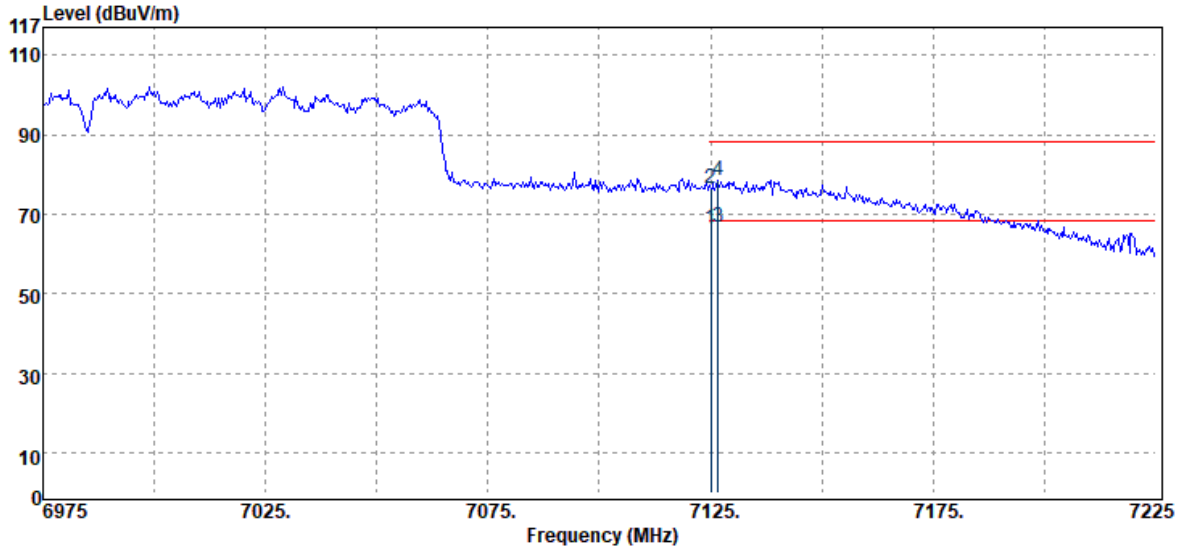
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5869.37	Average	31.22	8.90	40.12	68.30	-28.18
5869.37	Peak	49.68	8.90	58.58	88.30	-29.72
5899.82	Average	34.49	8.85	43.34	68.30	-24.96
5899.82	Peak	52.16	8.85	61.01	88.30	-27.29
5925.00	Average	36.28	8.84	45.12	68.30	-23.18
5925.00	Peak	46.04	8.84	54.88	88.30	-33.42

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160 996/67	Test Date	:2021-04-23
Test Frequency	:6025 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



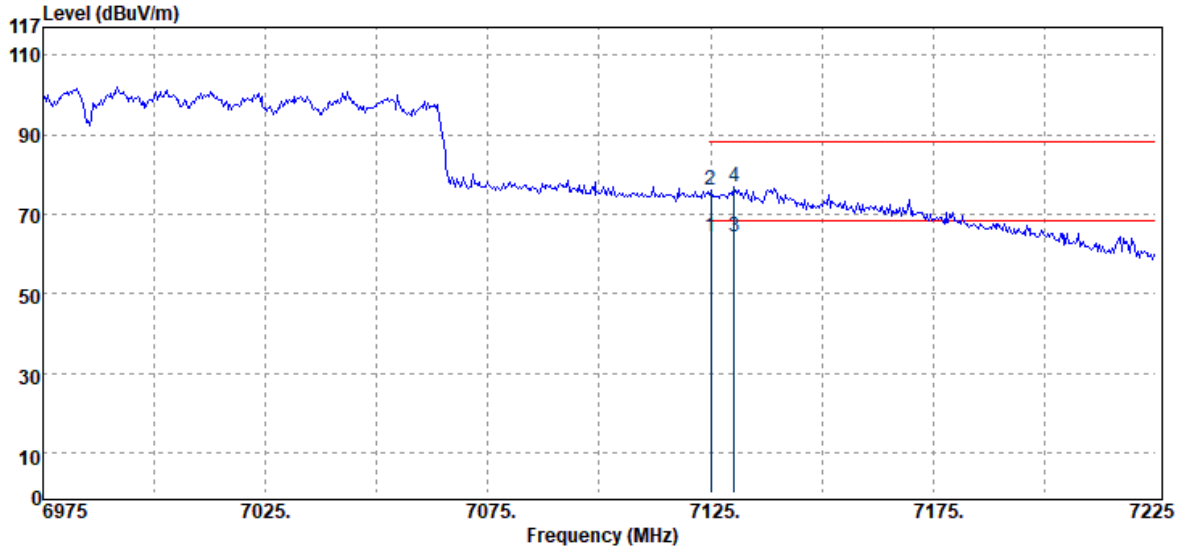
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5869.37	Average	32.27	8.90	41.17	68.30	-27.13
5869.37	Peak	52.34	8.90	61.24	88.30	-27.06
5899.53	Average	35.86	8.85	44.71	68.30	-23.59
5899.53	Peak	53.72	8.85	62.57	88.30	-25.73
5925.00	Average	37.76	8.84	46.60	68.30	-21.70
5925.00	Peak	46.84	8.84	55.68	88.30	-32.62

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-23
Test Frequency	:6985 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



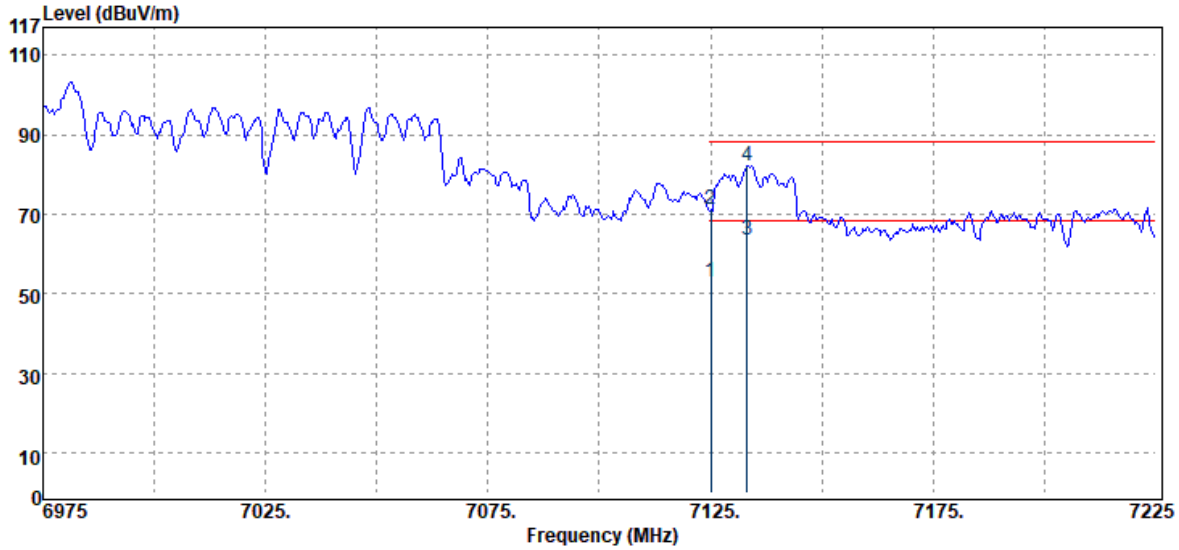
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
7125.00	Average	51.83	14.70	66.53	68.30	-1.77
7125.00	Peak	61.66	14.70	76.36	88.30	-11.94
7126.66	Average	52.04	14.73	66.77	68.30	-1.53
7126.66	Peak	63.95	14.73	78.68	88.30	-9.62

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160	Test Date	:2021-04-23
Test Frequency	:6985 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



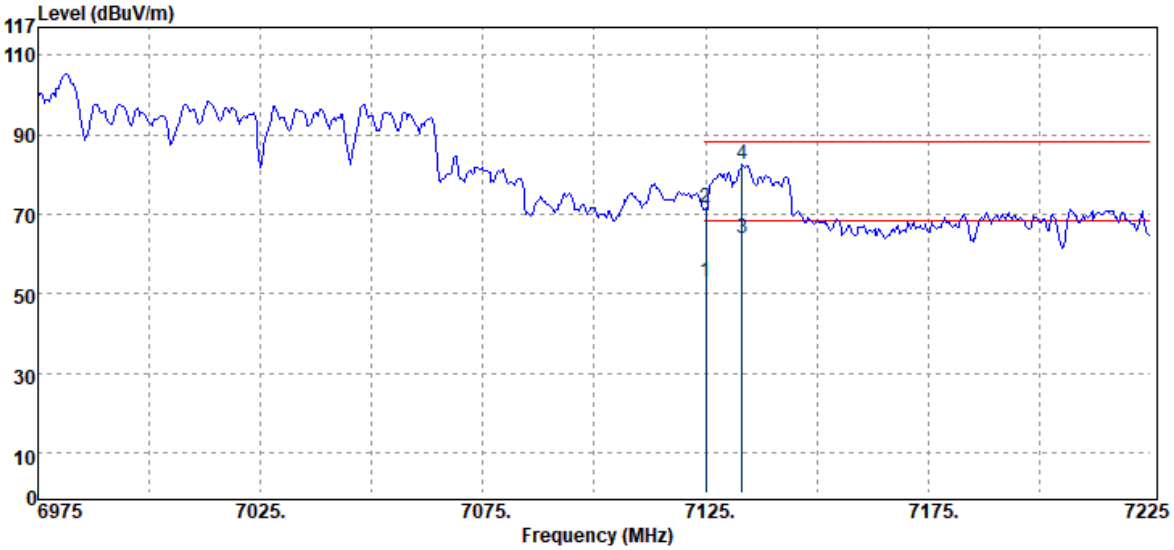
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
7125.00	Average	49.77	14.70	64.47	68.30	-3.83
7125.00	Peak	61.40	14.70	76.10	88.30	-12.20
7130.29	Average	49.71	14.78	64.49	68.30	-3.81
7130.29	Peak	62.13	14.78	76.91	88.30	-11.39

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160 996/67	Test Date	:2021-04-23
Test Frequency	:6985 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



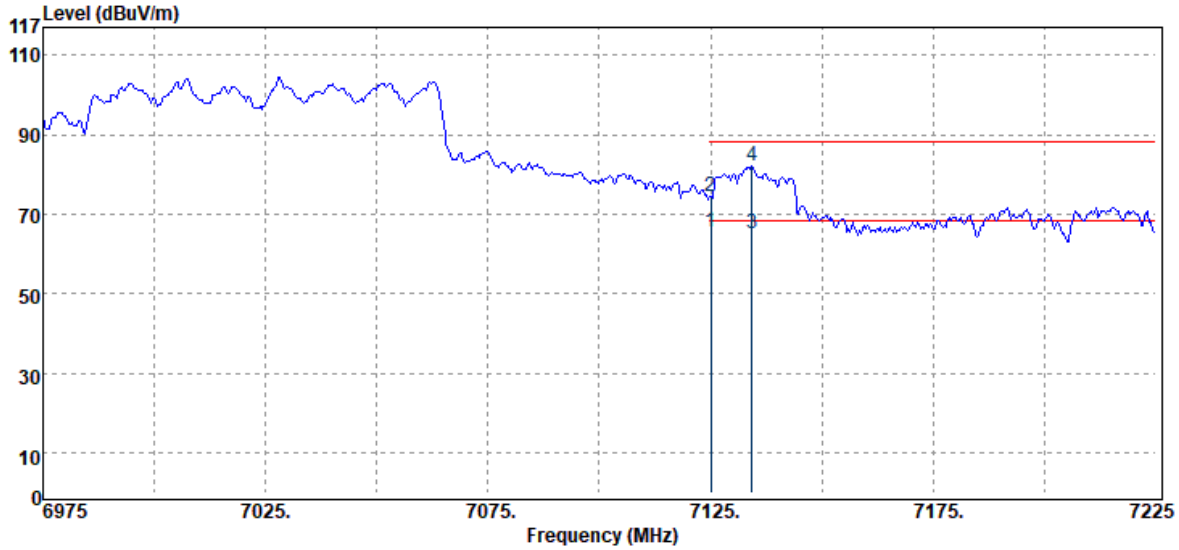
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
7125.00	Average	38.14	14.70	52.84	68.30	-15.46
7125.00	Peak	56.63	14.70	71.33	88.30	-16.97
7133.26	Average	48.63	14.83	63.46	68.30	-4.84
7133.26	Peak	67.54	14.83	82.37	88.30	-5.93

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160 996/67	Test Date	:2021-04-23
Test Frequency	:6985 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



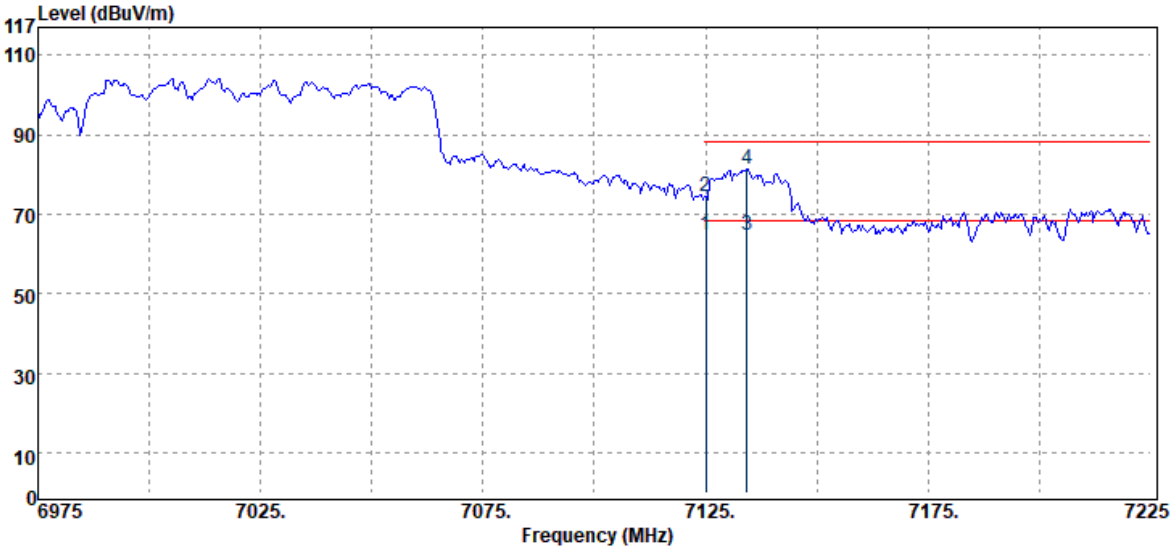
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
7125.00	Average	38.43	14.70	53.13	68.30	-15.17
7125.00	Peak	56.90	14.70	71.60	88.30	-16.70
7133.26	Average	49.02	14.83	63.85	68.30	-4.45
7133.26	Peak	67.59	14.83	82.42	88.30	-5.88

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160 996/S67	Test Date	:2021-04-23
Test Frequency	:6985 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
7125.00	Average	50.69	14.70	65.39	68.30	-2.91
7125.00	Peak	59.80	14.70	74.50	88.30	-13.80
7134.25	Average	50.32	14.85	65.17	68.30	-3.13
7134.25	Peak	67.22	14.85	82.07	88.30	-6.23

Report Number	:ER/2021/20015	Test Site	:SAC I Chamber
Operation Mode	:802.11ax160 996/S67	Test Date	:2021-04-23
Test Frequency	:6985 MHz	Temp./Humi.	:25.4/66
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E1 Plane	Engineer	:Neo Tsai



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
7125.00	Average	50.21	14.70	64.91	68.30	-3.39
7125.00	Peak	59.95	14.70	74.65	88.30	-13.65
7134.25	Average	50.09	14.85	64.94	68.30	-3.36
7134.25	Peak	66.51	14.85	81.36	88.30	-6.94

13 CONTENTION BASED PROTOCOL

13.1 Standard Applicable

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.

To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty

13.2 Measurement Procedure

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer, Ensure that the attenuator provides enough attenuation to not overload the signal analyzer receiver.
4. Using an AWGN signal source a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.

5. Set the AWGN signal power to an extremely low level (more than 20 dB below -62 dBm threshold). Connect the AWGN signal source, via splitter, to the signal analyzer and the EUT
6. Monitor the signal analyzer to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting
7. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
8. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 4, choose a different center frequency for the AWGN signal and repeat the process(as figure1)

Table 1. Criteria to determine number of times detection threshold test may be performed

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leq BW_{Inc}$	Once	Tune incumbent and EUT transmissions ($f_{c1} = f_{c2}$)
$BW_{Inc} < BW_{EUT} \leq 2BW_{Inc}$	Once	Incumbent transmission is contained within BW_{EUT}
$2BW_{Inc} < BW_{EUT} \leq 4BW_{Inc}$	Twice. Incumbent transmission is contained within BW_{EUT}	Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel
$BW_{EUT} > 4BW_{Inc}$	Three times	Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel

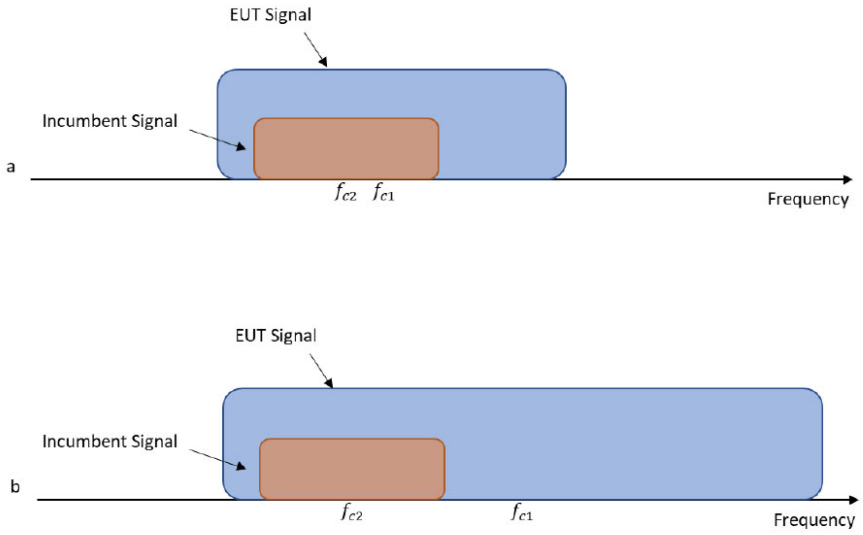
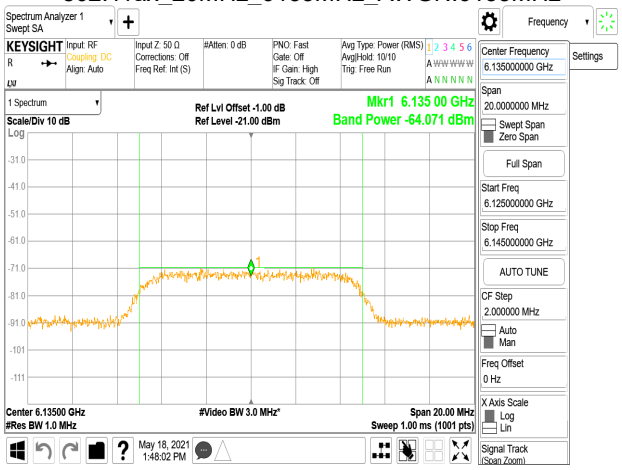
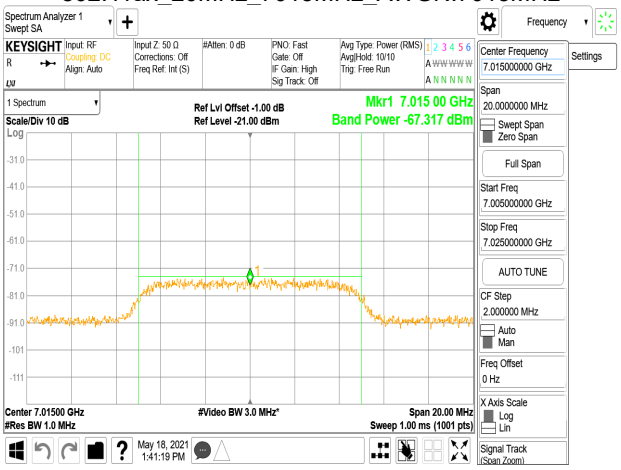


Figure 1. Two possible scenarios where a) center frequency of EUT transmission falls within incumbent's bandwidth, or b) outside of it

802.11ax_20MHz_6135MHz_AWGN:6135MHz

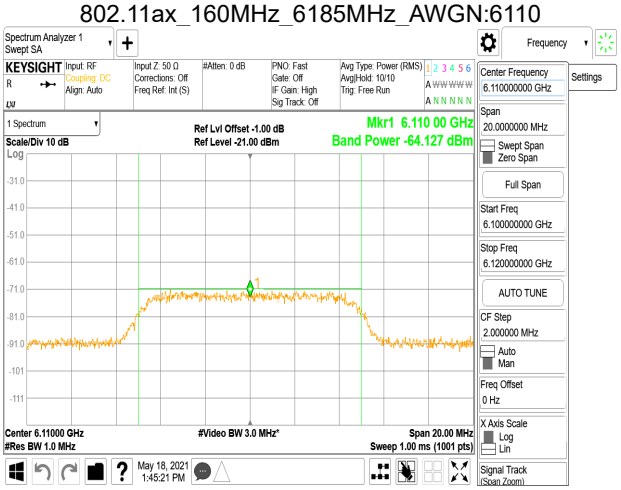


802.11ax_20MHz_7015MHz_AWGN:7015MHz

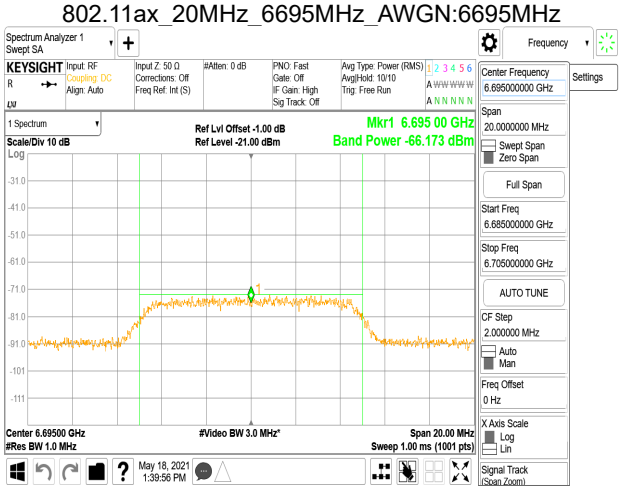


802.11ax_20MHz_6455MHz_AWGN:6455MHz

802.11ax_160MHz_6185MHz_AWGN:6110

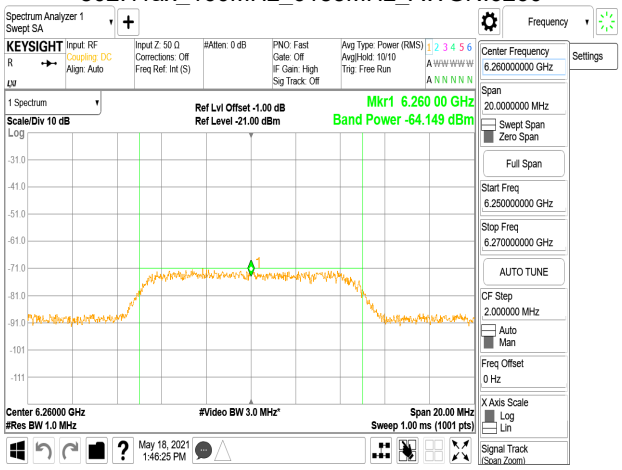


802.11ax_20MHz_6695MHz_AWGN:6695MHz

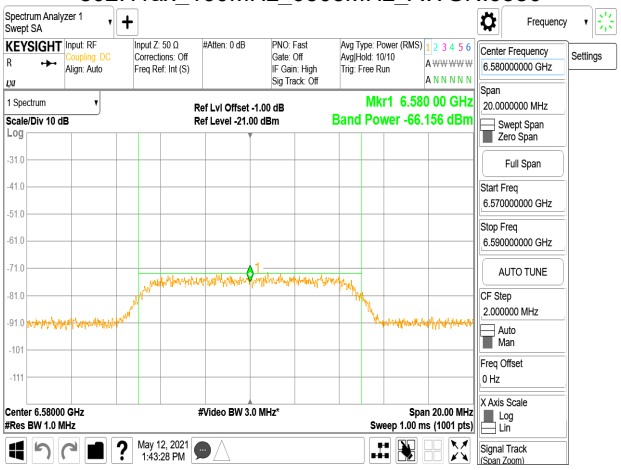


802.11ax_160MHz_6185MHz_AWGN:6185MHz

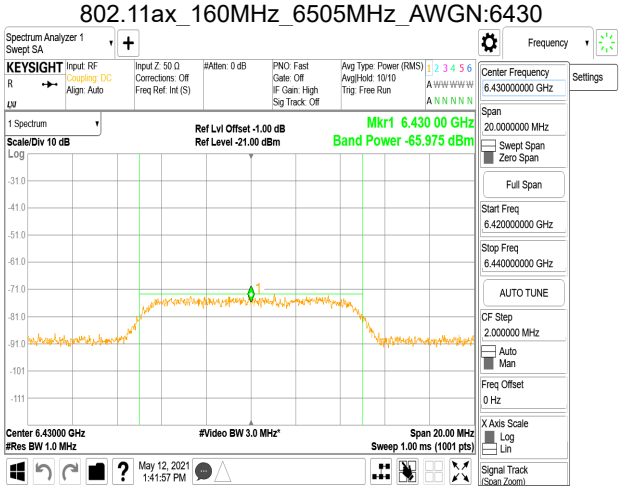
802.11ax_160MHz_6185MHz_AWGN:6260



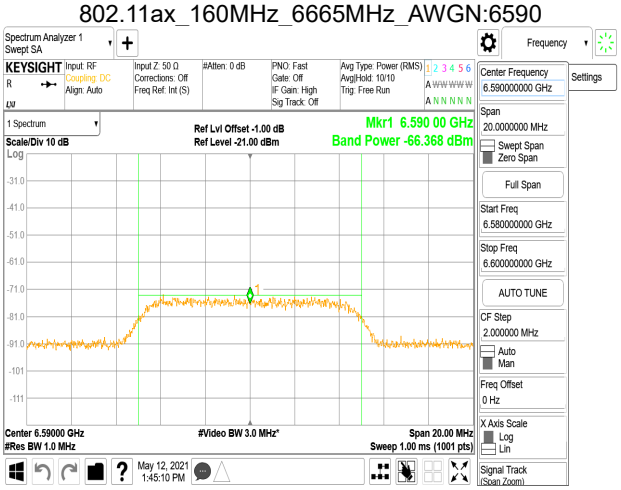
802.11ax_160MHz_6505MHz_AWGN:6580



802.11ax_160MHz_6505MHz_AWGN:6430



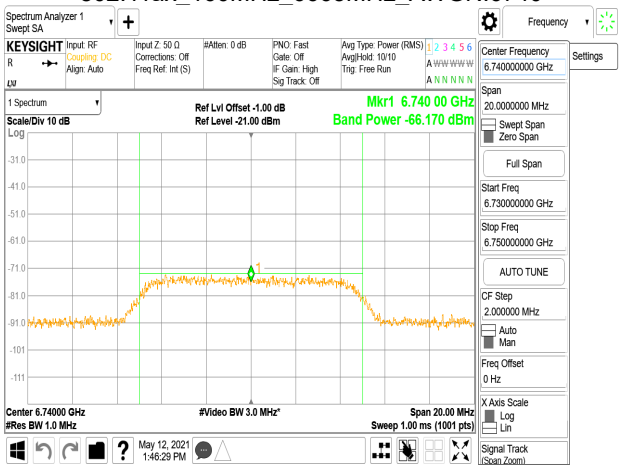
802.11ax_160MHz_6665MHz_AWGN:6590



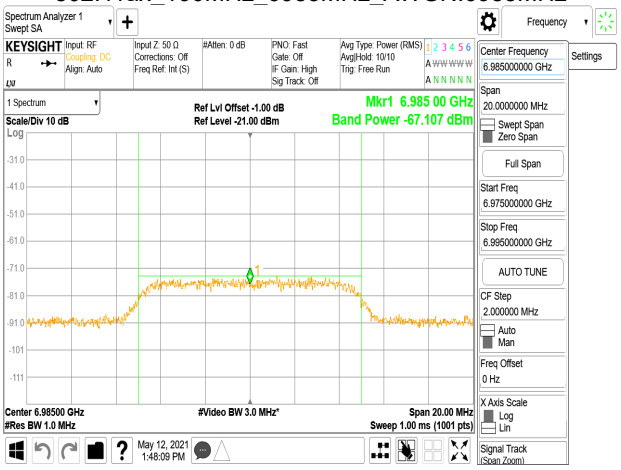
802.11ax_160MHz_6505MHz_AWGN:6505MHz

802.11ax_160MHz_6665MHz_AWGN:6665MHz

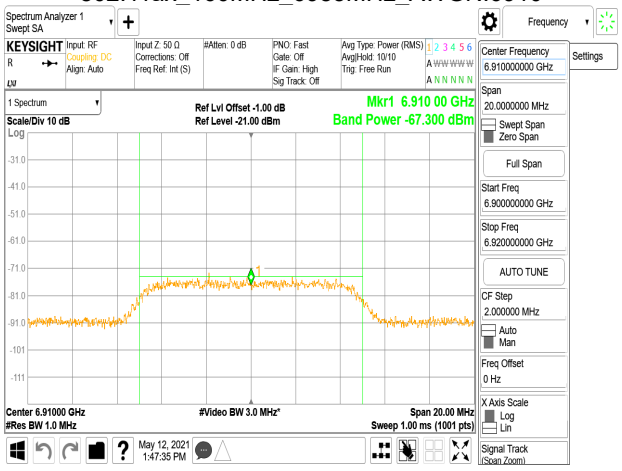
802.11ax_160MHz_6665MHz_AWGN:6740



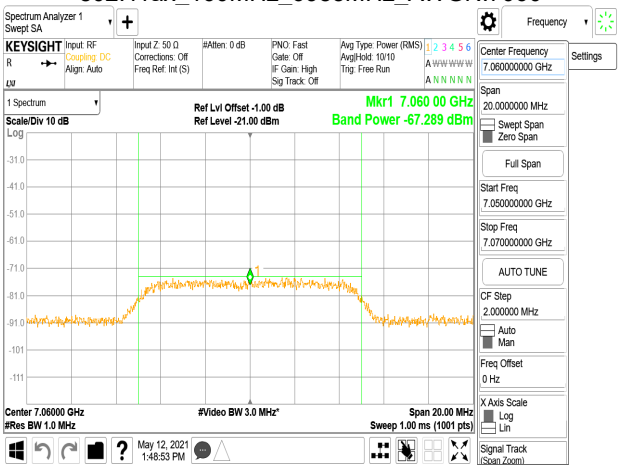
802.11ax_160MHz_6985MHz_AWGN:6985MHz



802.11ax_160MHz_6985MHz_AWGN:6910



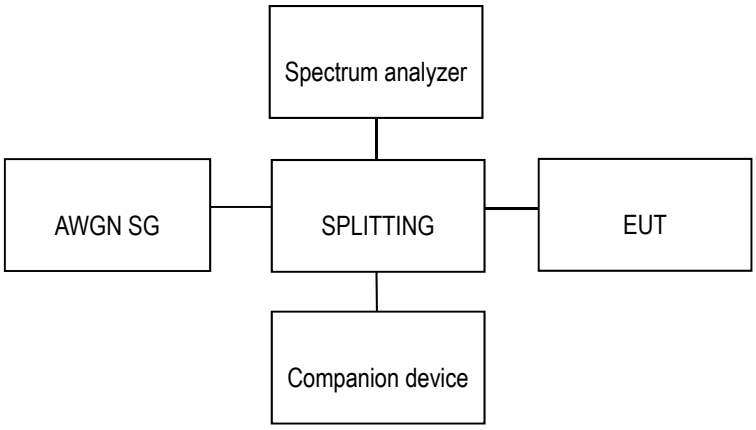
802.11ax_160MHz_6985MHz_AWGN:7060



13.3 Measurement Equipment Used

Conducted Emission Test Site: Conducted 5					
EQUIPMENT TYPE	MFR/BRAND	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY59071406	06/26/2020	06/25/2021
Signal Generator	KEYSIGHT	N5182B	MY59100743	06/26/2020	06/25/2021
Frequency Extender	KEYSIGHT	N5182BX07	MY59360217	02/25/2021	02/24/2022
Attenuator	Agilent	8495B	3308A22470	12/16/2020	12/15/2021
Attenuator	HP	8494B	2812A170605	12/16/2020	12/15/2021
Power Divider	RF-LAMBAD	RFLT2W1G18G	11-JSPF412-017	12/16/2020	12/15/2021
Power Divider	RF-LAMBDA	RFLT4W1G18G	16080500174	12/16/2020	12/15/2021
2WayDivider	Woken	0120A02056002D	DSU7AMW9S3	12/16/2020	12/15/2021

13.1 Test Set-up

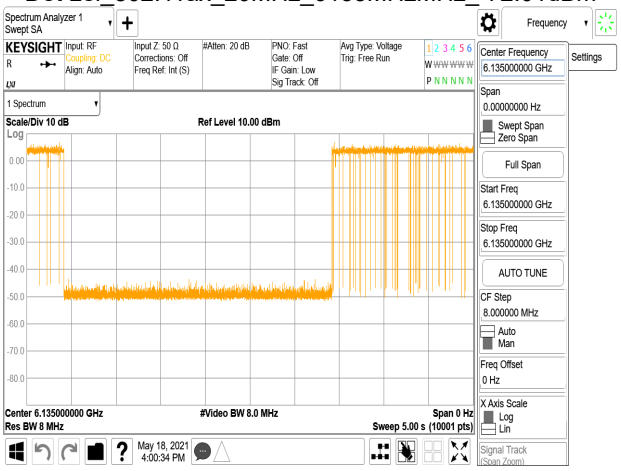


13.2 Measurement Result

CBP_Threshold_Level

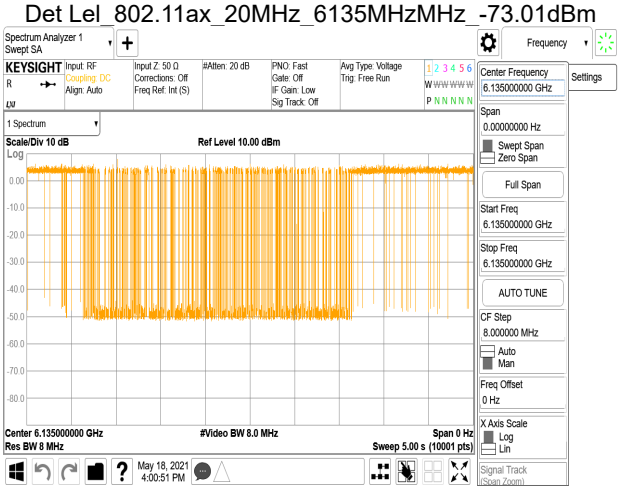
Contention Based Protocol Threshold Level Verify						
Band	**Bandwidth (MHz)**	**Channel**	**Frequency (MHz)**	**Interference Freq (MHz)**	**Detection Power Level (dBm)**	**Situation of EUT**
U-NII-5	20	37	6135	6135	-72.01	Stop transmission
					-73.01	Start transmission
	160	47	6185	6110	-68.01	Stop transmission
					-69.01	Start transmission
				6185	-65.01	Stop transmission
					-66.01	Start transmission
				6260	-68.01	Stop transmission
					-69.01	Start transmission

Det Lel_802.11ax_20MHz_6135MHzMHz_-72.01dBm

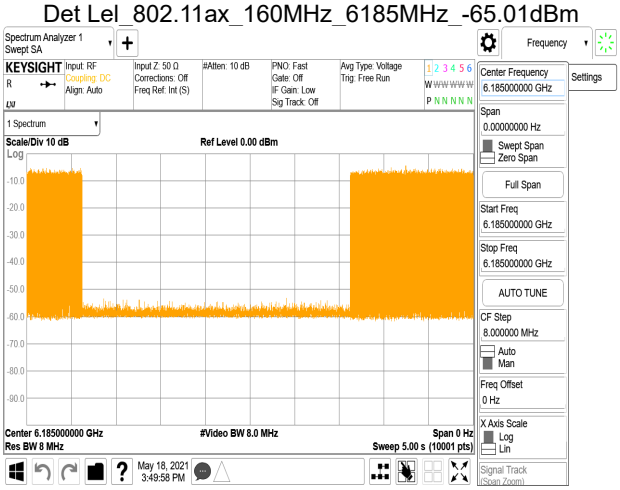


Det Lel_802.11ax_160MHz_6110MHz_-69.01dBm

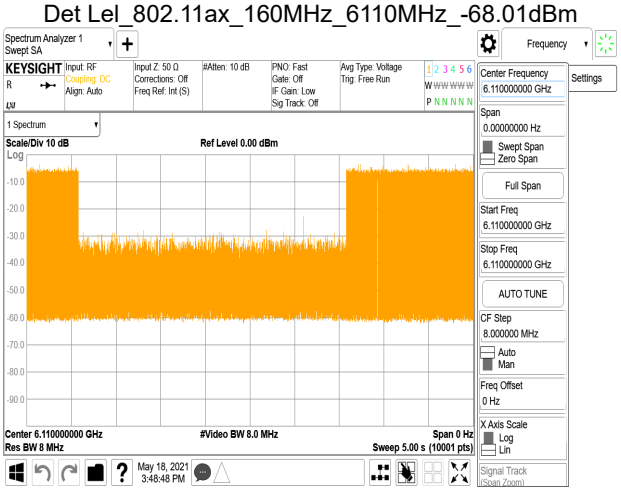
Det Lel_802.11ax_20MHz_6135MHzMHz_-73.01dBm



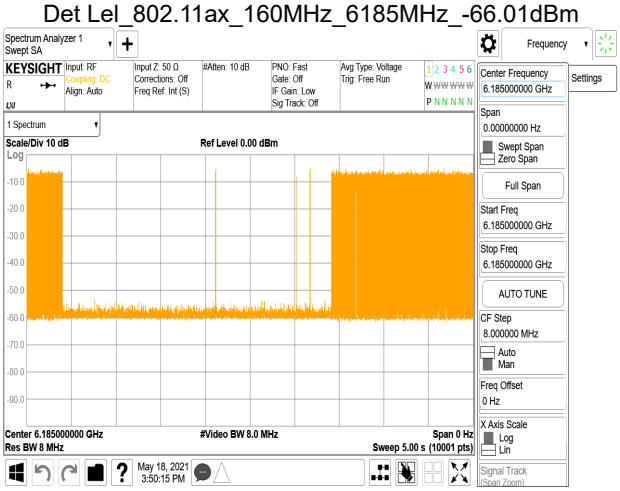
Det Lel_802.11ax_160MHz_6185MHz_-65.01dBm



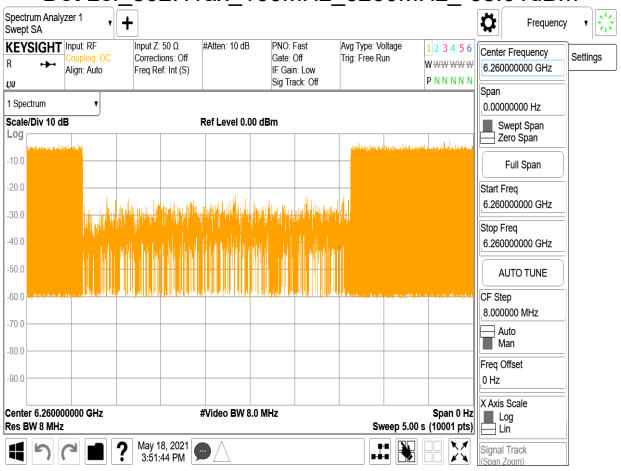
Det Lel_802.11ax_160MHz_6110MHz_-68.01dBm



Det Lel_802.11ax_160MHz_6185MHz_-66.01dBm



Det Lel_802.11ax_160MHz_6260MHz_-68.01dBm



Det Lel_802.11ax_160MHz_6260MHz_-69.01dBm

CBP_Detection

Contention Based Protocol									
Band	Bandwidth (MHz)	Channel	Frequency (MHz)	Interference Freq (MHz)	Detection Level of AWGN Interference (dBm)	Detection Trials	AWGN Detection Probability (%)	Limit Probability (%)	Result
U-NII-5	20	37	6135	6135	-64.01	10	100	90	PASS
	160	47	6185	6110	-64.01	10	100	90	PASS
				6185	-64.01	10	100	90	PASS
				6260	-64.01	10	100	90	PASS
U-NII-6	20	101	6455	6455	-65.91	10	100	90	PASS
	160	111	6505	6430	-65.91	10	100	90	PASS
				6505	-65.91	10	100	90	PASS
				6580	-65.91	10	100	90	PASS
U-NII-7	20	149	6695	6695	-66.00	10	100	90	PASS
	160	143	6665	6590	-66.00	10	100	90	PASS
				6665	-66.00	10	100	90	PASS
				6740	-66.00	10	100	90	PASS
U-NII-8	20	213	7015	7015	-67.10	10	100	90	PASS
	160	207	6985	6910	-67.10	10	100	90	PASS
				6985	-67.10	10	100	90	PASS
				7060	-67.10	10	100	90	PASS

Note : Detection Level of AWGN Interference :-62+min Gain

14 DUAL CLIENT TEST, DEMONSTRATION OF PROPER POWER ADJUSTMENT BASED ON ASSOCIATED AP

14.1 Standard Applicable

A client device may connect to a Standard Power AP with a maximum power level of 30 dBm EIRP. A client may also connect to a Low Power indoor AP, but the power level is limited to a maximum of 24 dBm EIRP. If a client has the flexibility to connect to both APs, verification is needed to show that it can distinguish between the two configurations, and then control the power levels accordingly.

14.2 Measurement Procedure

1. Connect equipment as shown in Figure 6 below.
2. Adjust Atten 2 to Std Power AP so as to facilitate error free communication with the Client (Atten 1 should be set to High on the RF path to the Low Power AP).
3. Configure the Client and APs so that they associate and start sending data (stream data). It is important that the client is configured to transmit at its highest power level. Initially, because the attenuation on Atten 1 is set high, the Client will only associate with the Std Power AP.
4. Verify transmission between Client and Std Power AP. Additional attenuators may be required to protect measurement equipment. Measure the Client RF power using any of the methods in C63.10 for NII devices. Note – if the client RF power has been certified to never operate above 24 dBm EIRP then this test is not necessary.
5. Gradually increase Atten 2 while at the same time decreasing Atten 1. This simulates the Client moving from outdoors to indoors. At some level of attenuation the Client should associate with the Low Power indor AP. Verify transmission between Client and Low Power AP.
6. Measure the RF power of the Client device using the same method as in step 4. Verify the power is no more than 24 dBm EIRP.

Note – measuring Client RF power reliably from a directional coupler measurement port may be tricky. Due to coupling, some energy from the AP will show up on the measurement port. Signal isolation techniques on the measurement analyzer will need to be used.

14.3 Measurement Equipment Used

N/A

14.4 Test Set-up

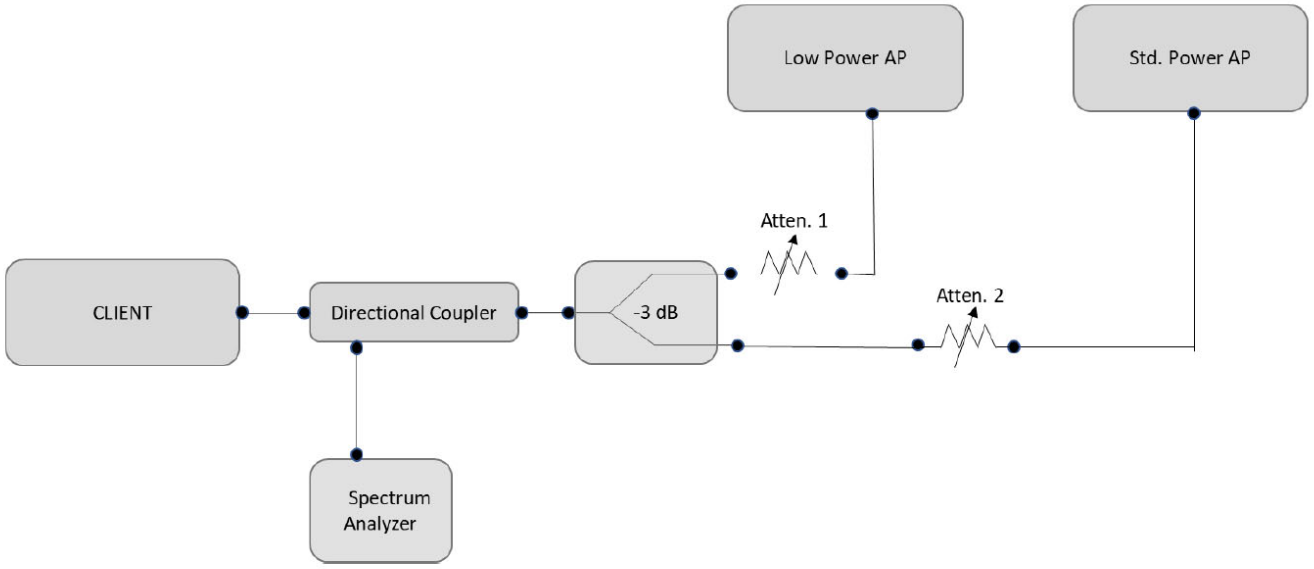


Figure 6. Test setup for conducted testing

14.5 Measurement Result

N/A Device only assocoates wih indoor AP

15 ANTENNA REQUIREMENT

15.1 Standard Applicable

According to §15.203, an intentional radiator shall be designed to ensure that no antenna other than furnished by the responsible party shall be used with the device.
According to §15.407, If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

15.2 Antenna Connected Construction

The antenna is designed as permanently attached and no consideration of replacement. Please see EUT photo for details.

~ End of Report ~