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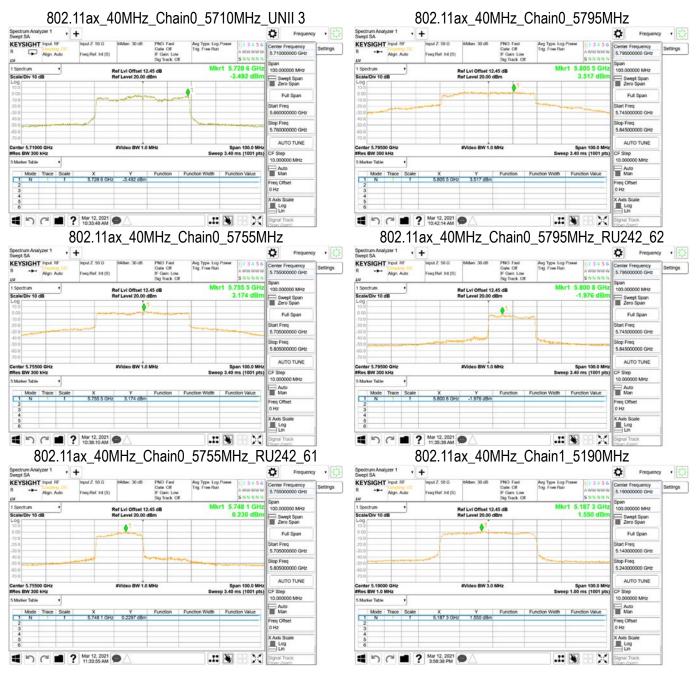
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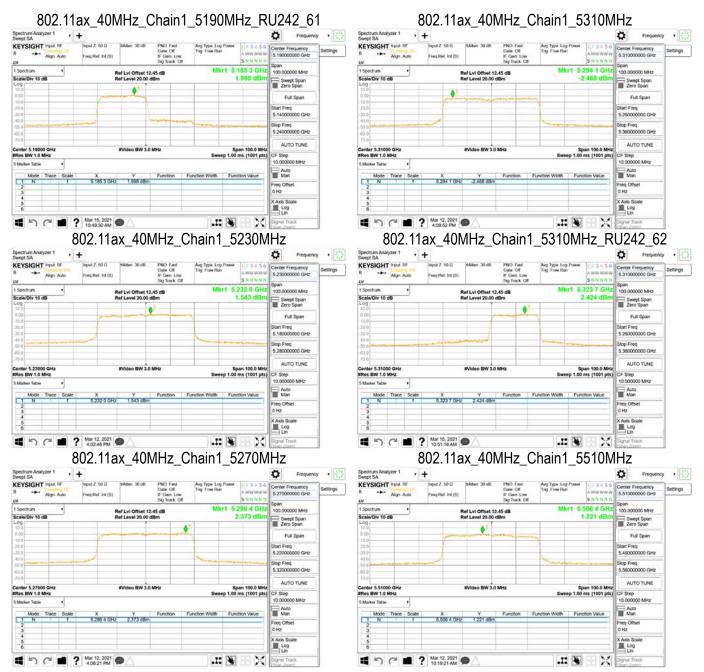


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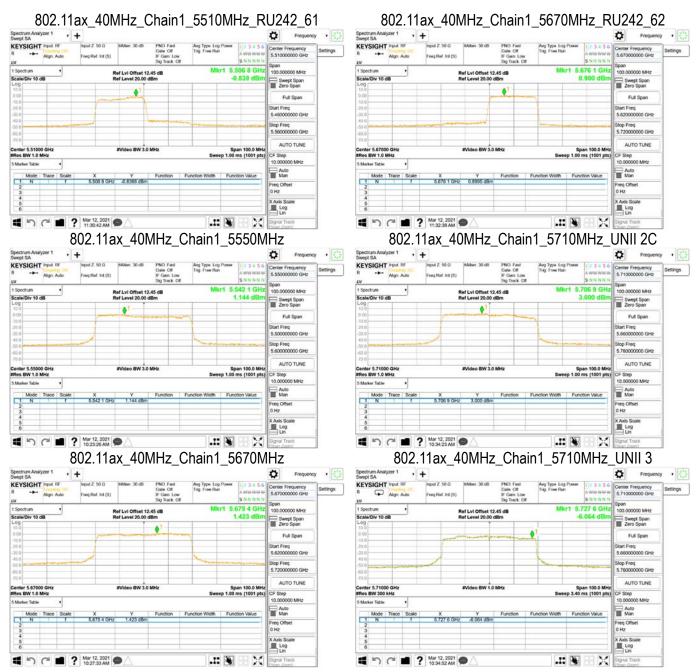


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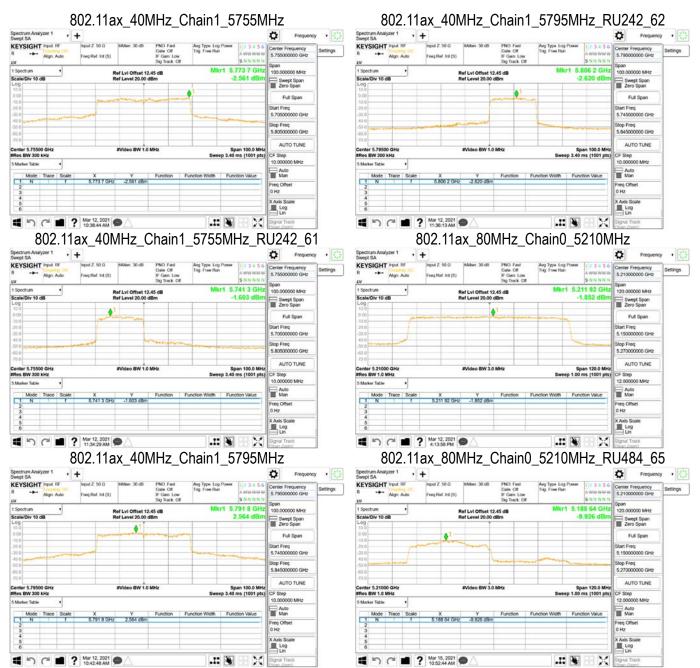


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11 UNDESIRABLE RADIATED EMISSION MEASUREMENT

Standard Applicable

11.1.1 Band Edge

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

- 1. For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.
- 2. For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

APPLICABLE TO	EIRP LIMIT	FIELD STRENGTH AT 3m
15.407(b)(1)		
15.407(b)(2)	PK: -27 (dBm/MHz)	PK: 68.3 (dBµV/m)
15.407(b)(3)		
	PK:-27 (dBm/MHz) *1	PK: 68.2(dBµV/m) *1
15.407(b)(4)(i)	PK:10 (dBm/MHz) *2	PK:105.2 (dBµV/m) *2
13.407 (b)(4)(1)	PK:15.6 (dBm/MHz) *3	PK: 110.8(dBµV/m) *3
	PK:27 (dBm/MHz) *4	PK:122.2 (dBµV/m) *4

^{*1} beyond 75 MHz or more above of the bandedge.

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

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^{*2} below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.

^{*3} below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.

^{*4} from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.



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11.1.2 Spurious Emission

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

the radiated enhission limits specified as below table.					
Frequency (MHz)	Field strength (microvolts/meter)	Distance (meters)			
0.009-0.490	2400/F(KHz)	300			
0.490-1.705	24000/F(KHz)	30			
1.705-30	30	30			
30-88	100	3			
88-216	150	3			
216-960	200	3			
Above 960	500	3			

Note:

- The lower limit shall apply at the transition frequencies. 1.
- 2. Emission level (dB μ V/m) = 20 log Emission level (μ V/m)

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11.2 Measurement Equipment Used

Radiated Emission Test Site: SAC 3								
EQUIPMENT TYPE	MFR	MODEL NUM- BER	SERIAL NUM- BER	LAST CAL.	CAL DUE.			
Horn Antenna	Schwarzbeck	BBHA9170	184	12/11/2020	12/10/2021			
Horn Antenna	Schwarzbeck	BBHA9120D	1441	10/16/2020	10/15/2021			
Bi-log Antenna	SCHWAZBECK	VULB9168	378	08/06/2020	08/05/2021			
Loop Antenna	ETS.LIND- GREN	6502	148045	10/19/2020	10/18/2021			
PXA Spectrum Analyzer	Agilent	N9030A	MY53120760	04/21/2020	04/20/2021			
EMI Test Receiver	R&S	ESCI 7	100759	07/13/2020	07/12/2021			
Pre-Amplifier	HP	8449B	3008A00578	12/16/2020	12/15/2021			
Pre-Amplifier	EMC Instruments	EMC184045B	980135	10/27/2020	10/26/2021			
Pre-Amplifier	HP	8447D	2944A07676	12/16/2020	12/15/2021			
Attenuator	Mini-Circuit	BW-S10W2+	4	12/16/2020	12/15/2021			
Filter 5150-5350 MHz	Micro-Tronics	BRM50703	1	12/16/2020	12/15/2021			
Filter 5470-5725 MHz	Micro-Tronics	BRM50704	1	12/16/2020	12/15/2021			
Filter 5725-5875 MHz	Micro-Tronics	BRM50705	1	12/16/2020	12/15/2021			
High Pass Filter	WI	WHKX7.0/18G- 8SS	45	12/16/2020	12/15/2021			
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY2636/2	12/16/2020	12/15/2021			
Coaxial Cable	Huber Suhner	SUCOFLEX 104	340057/4	12/16/2020	12/15/2021			
Coaxial Cable	Huber Suhner	SUCOFLEX 104PEA	800052/2	12/16/2020	12/15/2021			
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY2621/2	12/16/2020	12/15/2021			
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY2617/2	12/16/2020	12/15/2021			
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY2630/2	12/16/2020	12/15/2021			
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY22962/2	12/16/2020	12/15/2021			
Site Cal	SGS	SAC III chamber	N/A	01/01/2021	12/31/2021			
Test Software	audix	e3	Ver. 6.11- 20180413	N.C.R	N.C.R			

Note: N.C.R refers to No calibration required

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SPOT CHECK

Radiated Emission Test Site: SAC 1									
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.				
Horn Antenna	SCHWARZBECK	BBHA9120D	D803	12/20/2021	12/19/2022				
Bi-log Antenna	TESEO	CBL 6112D	35242 & AT- N0555	01/03/2022	01/02/2023				
Horn Antenna	SCHWARZBECK	BBHA9170	184	12/16/2021	12/15/2022				
Loop Antenna	ETS.LINDGREN	6502	148045	09/29/2021	09/28/2022				
Site Cal	SGS	SAC I chamber	N/A	01/01/2022	12/31/2022				
EXA Spectrum Analyzer	Agilent	N9010A	MY50420195	05/12/2021	05/11/2022				
EMI Test Receiver	R&S	ESCI 7	100759	08/26/2021	08/25/2022				
Pre-Amplifier	EMC Instruments	EMC184045B	980135	10/27/2021	10/26/2022				
Pre-Amplifier	HP	8449B	3008A01973	12/16/2021	12/15/2022				
Pre-Amplifier	HP	8447D	2944A09469	12/16/2021	12/15/2022				
Attenuator	Mini-Circuit	BW-S10W2+	4	12/14/2021	12/13/2022				
Bandreject Filter 5725- 5875	Micro-Tronics	BRM50705	1	12/14/2021	12/13/2022				
7GHz High Pass Filter	WI	WHKX10- 6090-80SS	3	12/14/2021	12/13/2022				
Coaxial Cable	Huber Suhner	succoflex 102	MY2622/2	12/16/2021	12/15/2022				
Coaxial Cable	Huber Suhner	succoflex 104A	800086/4a	12/16/2021	12/15/2022				
Coaxial Cable	Huber Suhner	EMC 104-SM- SM-2000	160123	12/16/2021	12/15/2022				
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY2630/2	12/16/2021	12/15/2022				
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY22962/2	12/16/2021	12/15/2022				

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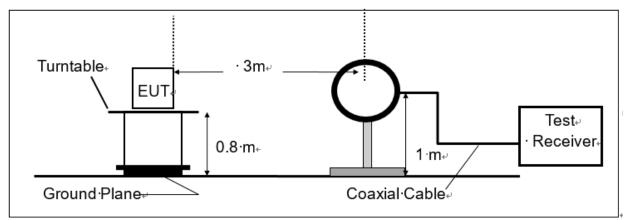
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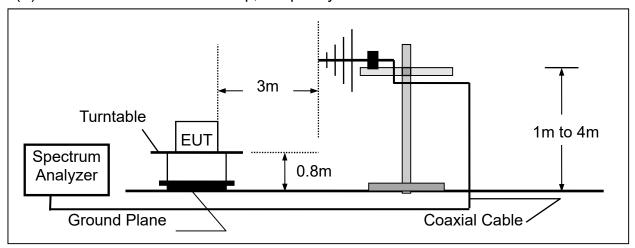
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11.3 Test SET-UP

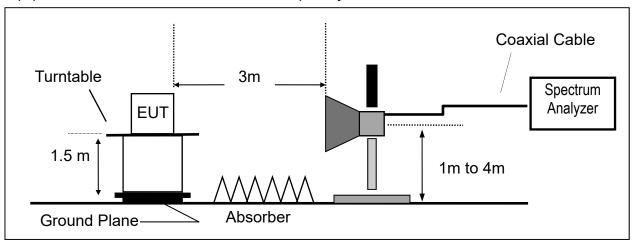
(A) Radiated Emission Test Set-UP Frequency Below 30MHz.



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



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



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11.4 **Measurement Procedure**

- 1. The EUT was placed on a turn table which is 0.8m above ground plane.
- The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
- The EUT was placed on a turn table with 0.8m for frequency< 1GHz and 1.5m for frequency> 1GHz above ground plane.
- The turn table shall rotate 360 degrees to determine the position of maximum emission level.
- EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
- 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.
- 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.
- Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 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.

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11.5 **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 $FS(dB\mu V/m) = SPA$. Reading level(dB μV) + Factor(dB)

 $Factor(dB) = Antenna\ Factor(dB\mu V/m) + Cable\ Loss(dB) - Pre_Amplifier\ Gain(dB)$

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.

Pre-scanned was done at frequency 5.47 GHz and 5.85 GHz for bandedge measurement of straddle channels 138, 142 and 144 which was 20dB lower than the limit per 15.31(o) & RSS-GEN §6.13.2 was not reported.

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11.7 Beamforming Mode Radiated Spurious Emission Measurement Result

11.7.1 Below 1GHz Worst-Case Data:

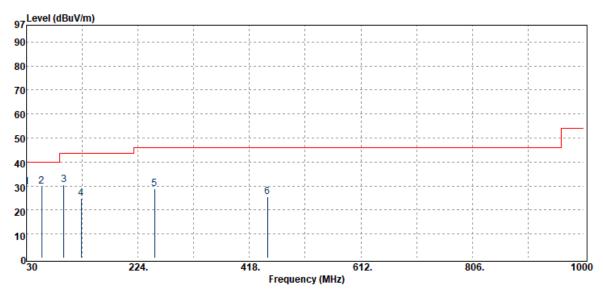
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-17

Test Frequency :5220 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
IVII IZ	FN/QF/AV	αυμν	UD	αυμν/π	ασμν/π	ub
30.00	Peak	39.13	-9.68	29.45	40.00	-10.55
56.19	Peak	38.78	-9.01	29.77	40.00	-10.23
94.99	Peak	44.52	-14.00	30.52	43.50	-12.98
125.06	Peak	34.37	-9.47	24.90	43.50	-18.60
253.10	Peak	37.36	-8.59	28.77	46.00	-17.23
449.04	Peak	28.97	-3.30	25.67	46.00	-20.33

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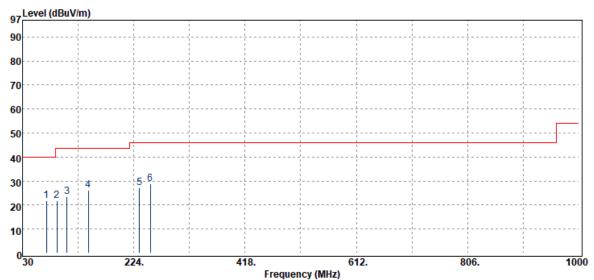
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11n20

Test Frequency :5220 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



			•			
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
71.71	Peak	32.23	-10.50	21.73	40.00	-18.27
90.14	Peak	36.00	-14.26	21.74	43.50	-21.76
107.60	Peak	35.19	-11.84	23.35	43.50	-20.15
144.46	Peak	34.38	-8.09	26.29	43.50	-17.21
233.70	Peak	36.68	-9.42	27.26	46.00	-18.74
253.10	Peak	37.52	-8.59	28.93	46.00	-17.07

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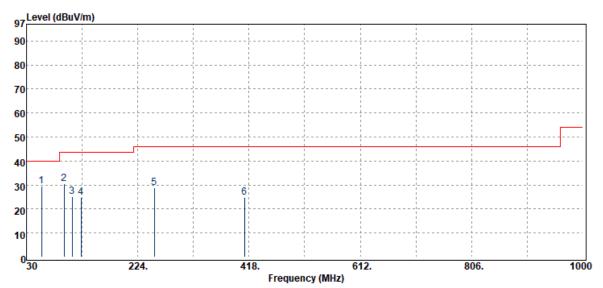
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11n20

Test Frequency :5300 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		·		•	•	
56.19	Peak	38.60	-9.01	29.59	40.00	-10.41
95.96	Peak	44.43	-13.99	30.44	43.50	-13.06
109.54	Peak	36.62	-11.41	25.21	43.50	-18.29
125.06	Peak	34.36	-9.47	24.89	43.50	-18.61
253.10	Peak	37.33	-8.59	28.74	46.00	-17.26
410.24	Peak	29.60	-4.80	24.80	46.00	-21.20

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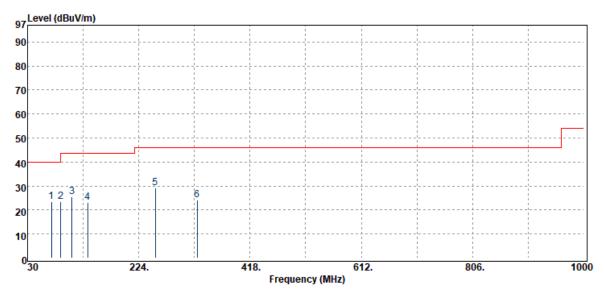
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-17

Test Frequency :5300 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
IVII IZ	I IVQI /AV	чору	ub	αυμν/π	αυμν/π	<u>ub</u>
71.71	Peak	34.01	-10.50	23.51	40.00	-16.49
88.20	Peak	37.68	-14.25	23.43	43.50	-20.07
107.60	Peak	37.22	-11.84	25.38	43.50	-18.12
134.76	Peak	31.85	-8.62	23.23	43.50	-20.27
253.10	Peak	37.82	-8.59	29.23	46.00	-16.77
325.85	Peak	29.89	-5.87	24.02	46.00	-21.98

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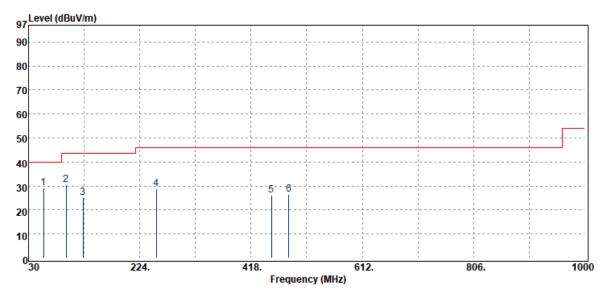
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11n20

Test Frequency Temp./Humi. :22.8/65 :5580 MHz

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
56.19	Peak	38.36	-9.01	29.35	40.00	-10.65
95.96	Peak	44.60	-13.99	30.61	43.50	-12.89
125.06	Peak	34.51	-9.47	25.04	43.50	-18.46
253.10	Peak	37.35	-8.59	28.76	46.00	-17.24
453.89	Peak	29.36	-3.17	26.19	46.00	-19.81
483.96	Peak	29.66	-3.20	26.46	46.00	-19.54

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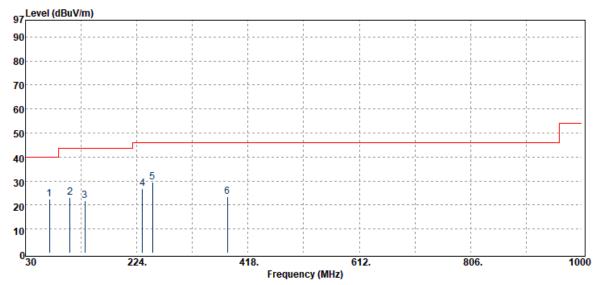
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-17

Test Frequency :5580 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
1411 12	11001710	чърч	чь	авруин	авруин	<u> </u>
71.71	Peak	33.04	-10.50	22.54	40.00	-17.46
107.60	Peak	34.89	-11.84	23.05	43.50	-20.45
133.79	Peak	30.55	-8.80	21.75	43.50	-21.75
233.70	Peak	36.30	-9.42	26.88	46.00	-19.12
251.16	Peak	38.40	-8.72	29.68	46.00	-16.32
382.11	Peak	28.61	-5.20	23.41	46.00	-22.59

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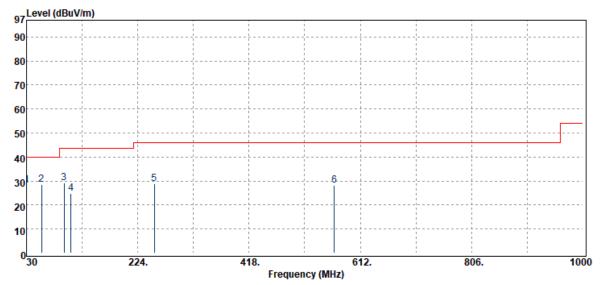
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11n20

Test Frequency Temp./Humi. :22.8/65 :5785 MHz

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
30.00	Peak	37.72	-9.68	28.04	40.00	-11.96
56.19	Peak	37.51	-9.01	28.50	40.00	-11.50
95.96	Peak	43.06	-13.99	29.07	43.50	-14.43
107.60	Peak	36.52	-11.84	24.68	43.50	-18.82
253.10	Peak	37.50	-8.59	28.91	46.00	-17.09
566.41	Peak	29.79	-1.54	28.25	46.00	-17.75

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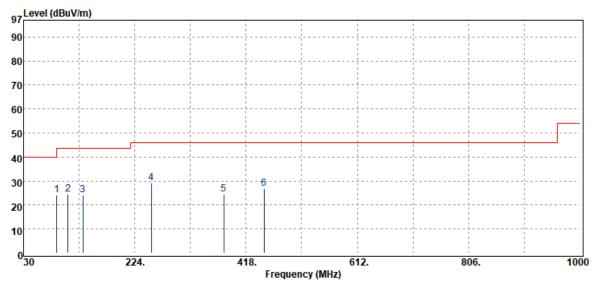
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11n20

Test Frequency Temp./Humi. :5785 MHz :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
1711 12	11001770	чору	ub_	αυμν/π	αυμν/ιιι	<u>ub</u>
88.20	Peak	38.46	-14.25	24.21	43.50	-19.29
107.60	Peak	36.24	-11.84	24.40	43.50	-19.10
133.79	Peak	32.85	-8.80	24.05	43.50	-19.45
253.10	Peak	37.93	-8.59	29.34	46.00	-16.66
379.20	Peak	29.87	-5.24	24.63	46.00	-21.37
449.04	Peak	30.04	-3.30	26.74	46.00	-19.26

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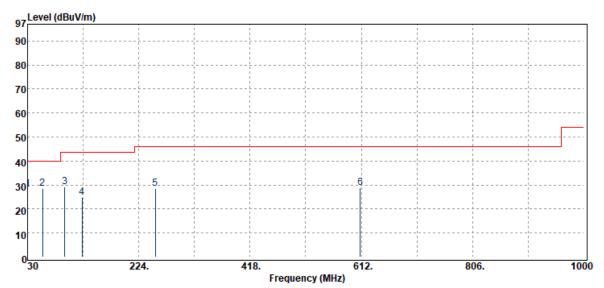
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax80 Test Date :2021-03-17

Test Frequency :5210 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
			-		
Peak	37.71	-9.68	28.03	40.00	-11.97
Peak	37.50	-9.01	28.49	40.00	-11.51
Peak	43.26	-14.00	29.26	43.50	-14.24
Peak	34.30	-9.47	24.83	43.50	-18.67
Peak	37.07	-8.59	28.48	46.00	-17.52
Peak	28.82	0.07	28.89	46.00	-17.11
	Mode PK/QP/AV Peak Peak Peak Peak Peak	Mode PK/QP/AV Reading Level dBμV Peak 37.71 Peak 37.50 Peak 43.26 Peak 34.30 Peak 37.07	Mode PK/QP/AV Reading Level dBμV dB Peak 37.71 -9.68 Peak 37.50 -9.01 Peak 43.26 -14.00 Peak 34.30 -9.47 Peak 37.07 -8.59	Mode PK/QP/AV Reading Level dBμV FS dBμV/m Peak 37.71 -9.68 28.03 Peak 37.50 -9.01 28.49 Peak 43.26 -14.00 29.26 Peak 34.30 -9.47 24.83 Peak 37.07 -8.59 28.48	Mode PK/QP/AV Reading Level dBμV FS dBμV/m @3m dBμV/m Peak 37.71 -9.68 28.03 40.00 Peak 37.50 -9.01 28.49 40.00 Peak 43.26 -14.00 29.26 43.50 Peak 34.30 -9.47 24.83 43.50 Peak 37.07 -8.59 28.48 46.00

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 f (886-2) 2298-0488
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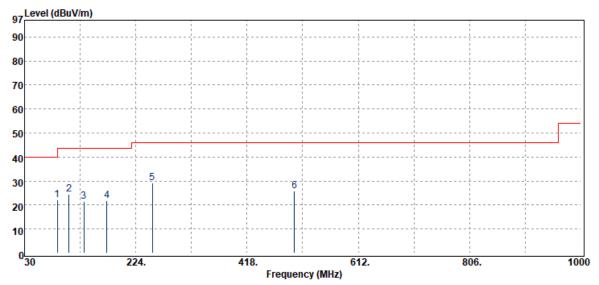
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax80 Test Date :2021-03-17

Test Frequency :5210 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
IVITIZ	FNQF/AV	иви	uБ	ασμν/π	ασμν/π	ub_
87.23	Peak	36.26	-14.12	22.14	40.00	-17.86
107.60	Peak	36.22	-11.84	24.38	43.50	-19.12
133.79	Peak	30.40	-8.80	21.60	43.50	-21.90
173.56	Peak	30.44	-8.61	21.83	43.50	-21.67
253.10	Peak	37.83	-8.59	29.24	46.00	-16.76
500.45	Peak	29.26	-3.42	25.84	46.00	-20.16

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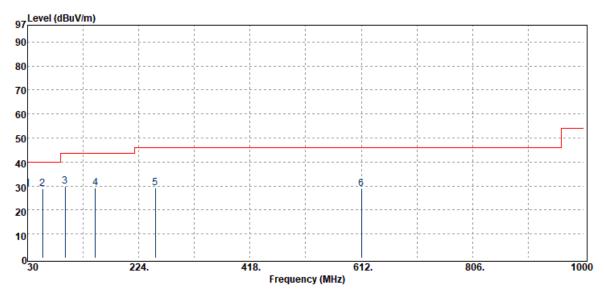
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax80

Test Frequency Temp./Humi. :22.8/65 :5290 MHz

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
30.00	Peak	38.53	-9.68	28.85	40.00	-11.15
56.19	Peak	37.94	-9.01	28.93	40.00	-11.07
95.96	Peak	44.00	-13.99	30.01	43.50	-13.49
148.34	Peak	37.34	-8.03	29.31	43.50	-14.19
253.10	Peak	37.80	-8.59	29.21	46.00	-16.79
612.00	Peak	28.74	0.02	28.76	46.00	-17.24

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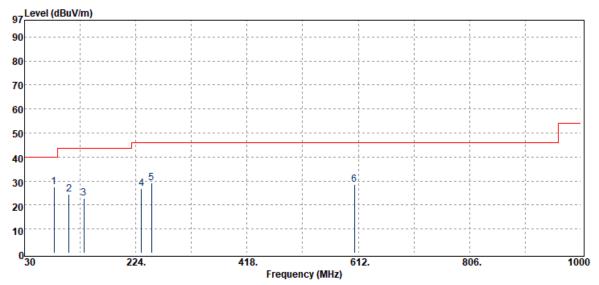
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax80 Test Date :2021-03-17

Test Frequency :5290 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
1011 12	I IVQI /AV	αυμν	ub_	αυμν/ιιι	αυμν/π	<u> </u>
81.41	Peak	40.45	-13.07	27.38	40.00	-12.62
107.60	Peak	36.35	-11.84	24.51	43.50	-18.99
133.79	Peak	31.66	-8.80	22.86	43.50	-20.64
233.70	Peak	36.39	-9.42	26.97	46.00	-19.03
251.16	Peak	37.86	-8.72	29.14	46.00	-16.86
605.21	Peak	28.83	-0.16	28.67	46.00	-17.33

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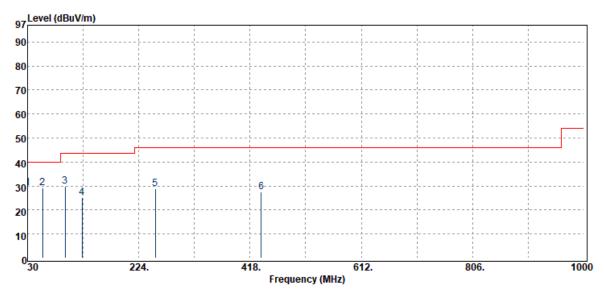
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax80

Test Frequency Temp./Humi. :22.8/65 :5610 MHz

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
30.00	Peak	38.77	-9.68	29.09	40.00	-10.91
56.19	Peak	38.09	-9.01	29.08	40.00	-10.92
95.96	Peak	43.79	-13.99	29.80	43.50	-13.70
125.06	Peak	34.51	-9.47	25.04	43.50	-18.46
253.10	Peak	37.44	-8.59	28.85	46.00	-17.15
437.40	Peak	31.16	-3.56	27.60	46.00	-18.40

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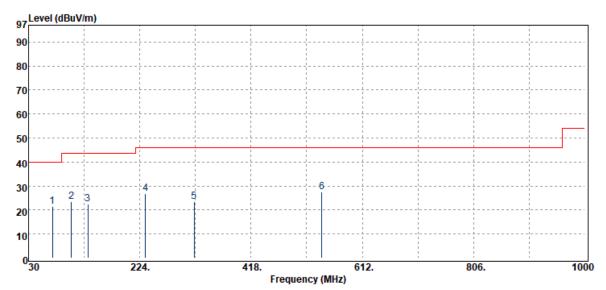
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax80

Test Frequency Temp./Humi. :22.8/65 :5610 MHz

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
1711 12	11001710	αυμν	<u>ub</u>	αυμν/ιιι	αυμν/ιιι	<u> </u>
71.71	Peak	32.04	-10.50	21.54	40.00	-18.46
104.69	Peak	35.66	-12.24	23.42	43.50	-20.08
133.79	Peak	31.37	-8.80	22.57	43.50	-20.93
233.70	Peak	36.22	-9.42	26.80	46.00	-19.20
319.06	Peak	29.52	-6.10	23.42	46.00	-22.58
541.19	Peak	29.49	-2.07	27.42	46.00	-18.58

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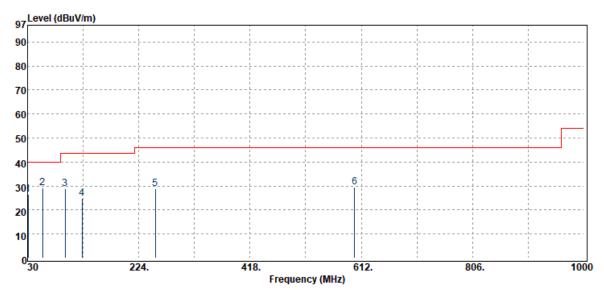
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax80

Test Frequency Temp./Humi. :22.8/65 :5775 MHz

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		·		•	•	
30.97	Peak	36.53	-9.86	26.67	40.00	-13.33
56.19	Peak	38.24	-9.01	29.23	40.00	-10.77
95.96	Peak	42.80	-13.99	28.81	43.50	-14.69
125.06	Peak	34.46	-9.47	24.99	43.50	-18.51
253.10	Peak	37.42	-8.59	28.83	46.00	-17.17
600.36	Peak	29.83	-0.38	29.45	46.00	-16.55

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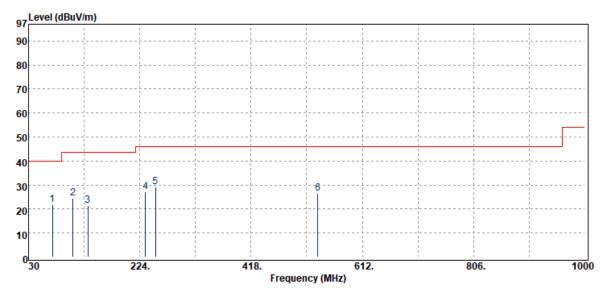
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax80

Test Frequency Temp./Humi. :22.8/65 :5775 MHz

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
	•		•		
Peak	32.22	-10.50	21.72	40.00	-18.28
Peak	36.22	-11.84	24.38	43.50	-19.12
Peak	30.34	-8.80	21.54	43.50	-21.96
Peak	36.70	-9.42	27.28	46.00	-18.72
Peak	37.94	-8.72	29.22	46.00	-16.78
Peak	28.94	-2.35	26.59	46.00	-19.41
	Mode PK/QP/AV Peak Peak Peak Peak Peak	Mode PK/QP/AV Reading Level dBµV Peak 32.22 Peak 36.22 Peak 30.34 Peak 36.70 Peak 37.94	Mode PK/QP/AV Reading Level dBμV dB Peak 32.22 -10.50 Peak 36.22 -11.84 Peak 30.34 -8.80 Peak 36.70 -9.42 Peak 37.94 -8.72	Mode PK/QP/AV Reading Level dBμV FS dBμV/m Peak 32.22 -10.50 21.72 Peak 36.22 -11.84 24.38 Peak 30.34 -8.80 21.54 Peak 36.70 -9.42 27.28 Peak 37.94 -8.72 29.22	Mode PK/QP/AV Reading Level dBμV FS dBμV/m @3m dBμV/m Peak 32.22 -10.50 21.72 40.00 Peak 36.22 -11.84 24.38 43.50 Peak 30.34 -8.80 21.54 43.50 Peak 36.70 -9.42 27.28 46.00 Peak 37.94 -8.72 29.22 46.00

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11.7.2 Above 1GHz Worst-Case Data:

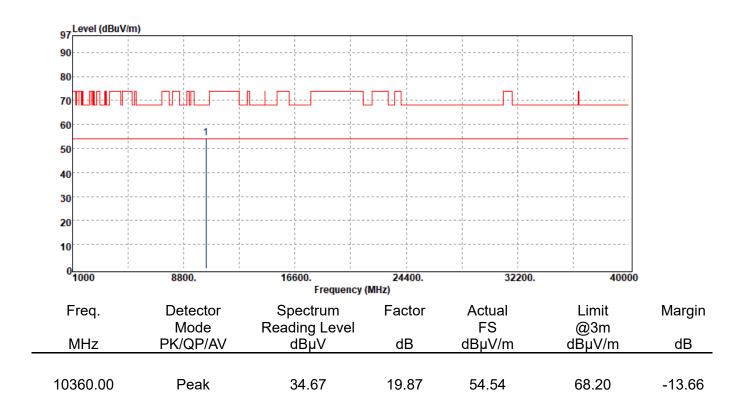
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-16

Test Frequency :5180 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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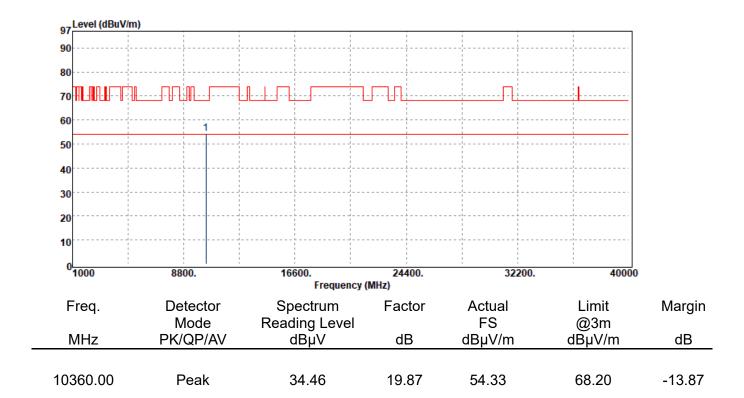
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-16

Test Frequency :5180 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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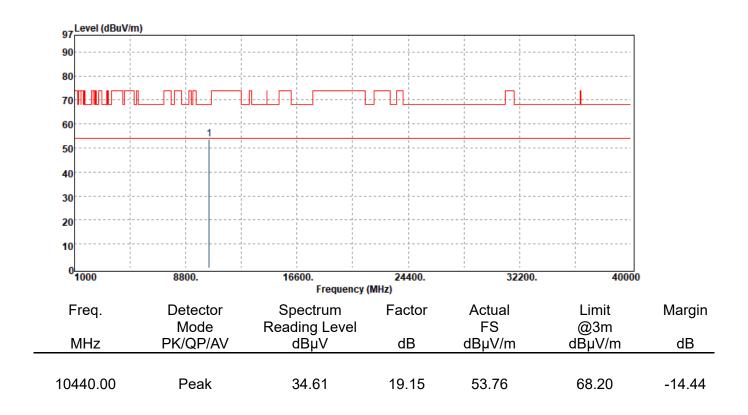
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n20

Test Frequency :22.7/63 :5220 MHz Temp./Humi.

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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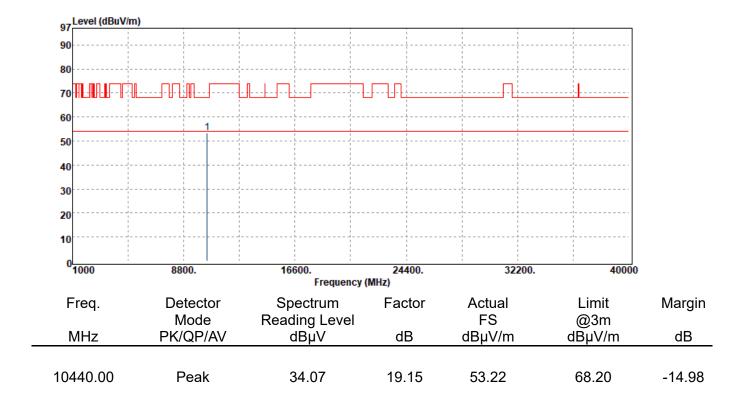
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-16

Test Frequency :5220 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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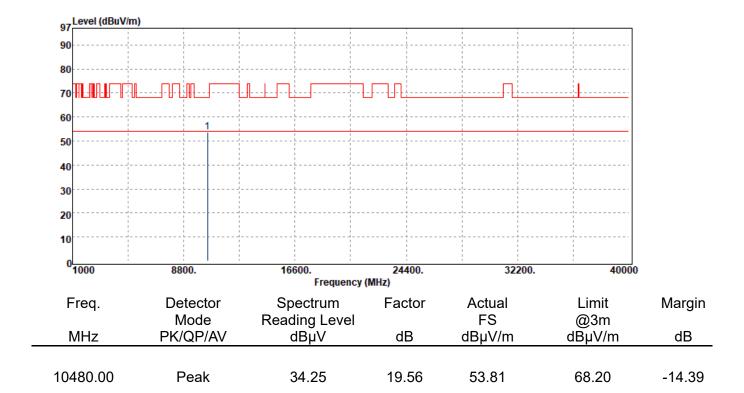
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-16

Test Frequency :5240 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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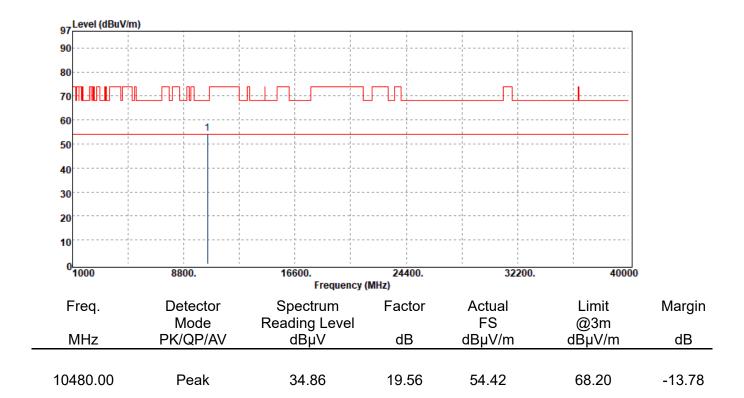
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n20

Test Frequency Temp./Humi. :5240 MHz :22.7/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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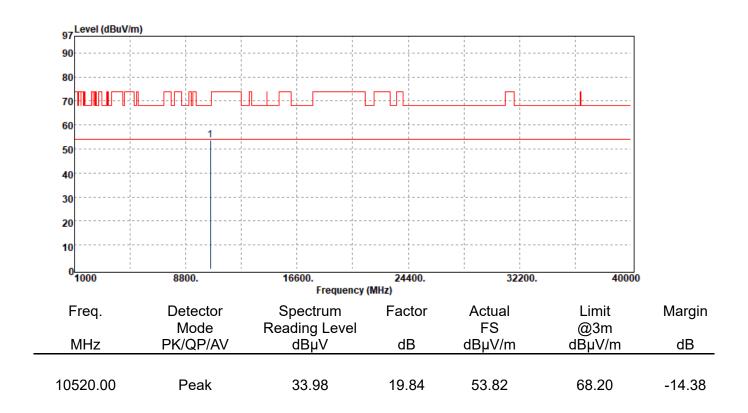
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n20

Test Frequency :5260 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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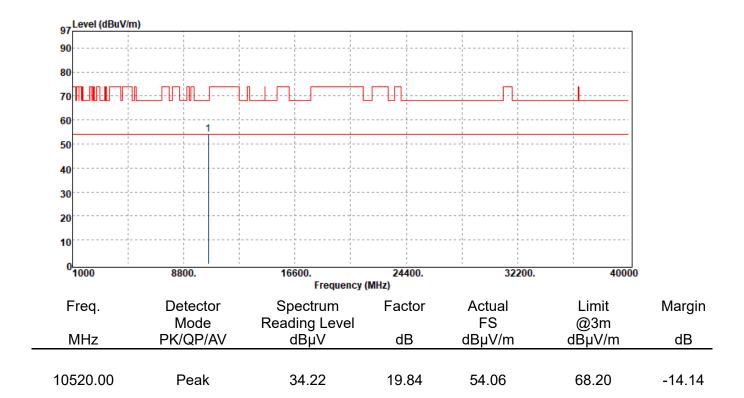
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n20

Test Frequency :5260 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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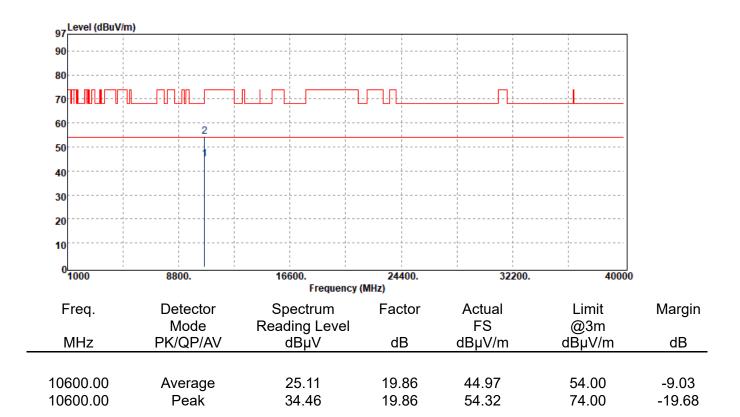
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-16

Test Frequency :5300 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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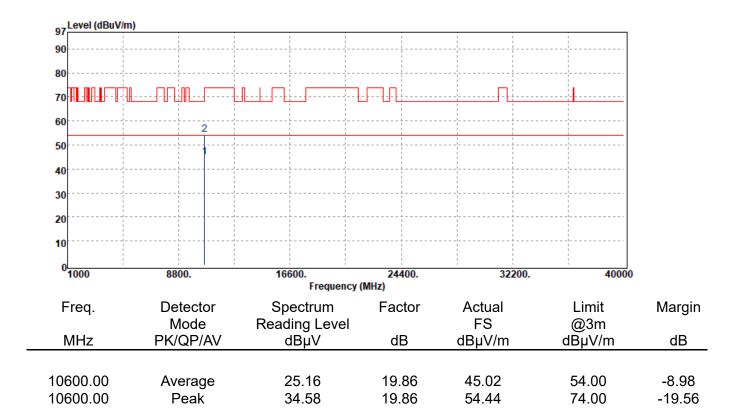
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-16

Test Frequency :5300 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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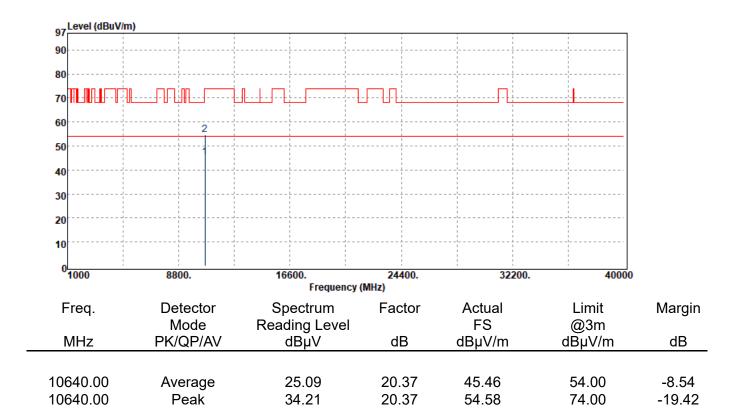
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n20

Test Frequency :22.7/63 :5320 MHz Temp./Humi.

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-16

Test Frequency :5320 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n20

Test Frequency :5500 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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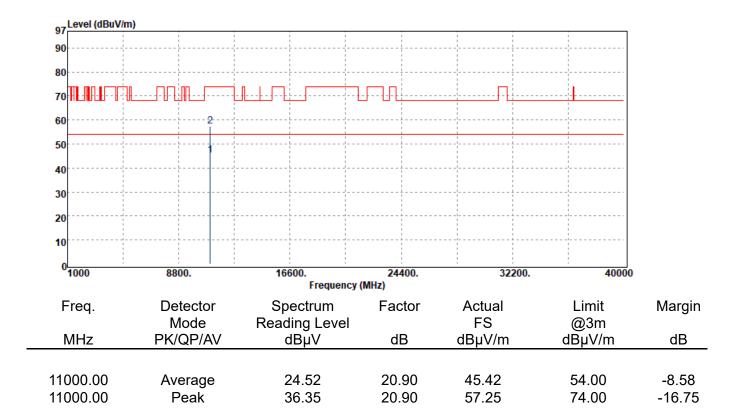
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-16

Test Frequency :5500 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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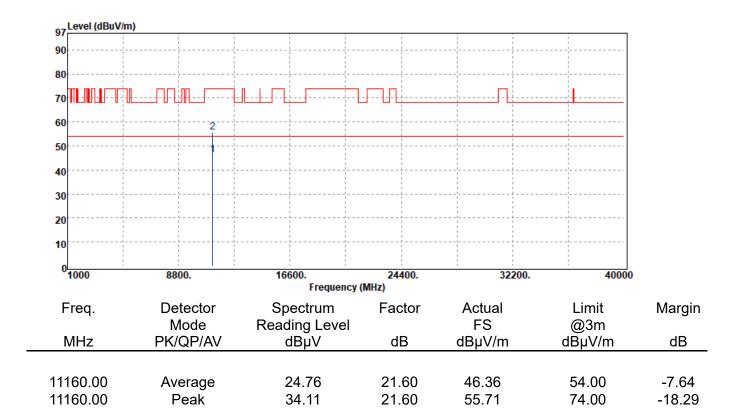
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n20

Test Frequency Temp./Humi. :22.7/63 :5580 MHz

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-16

Test Frequency :5580 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n20

Test Frequency :5700 MHz :22.7/63 Temp./Humi.

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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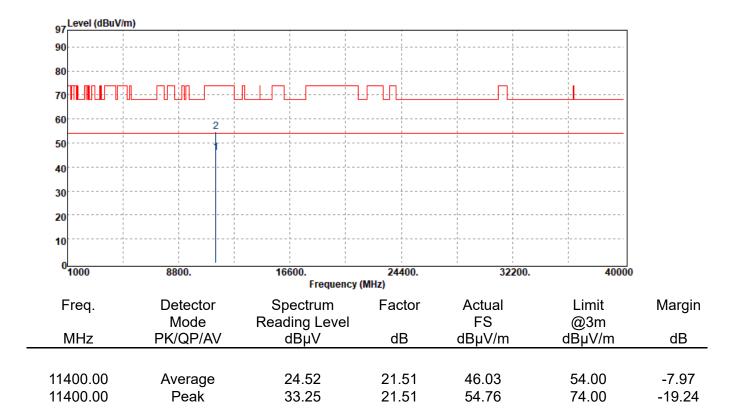
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-16

Test Frequency :5700 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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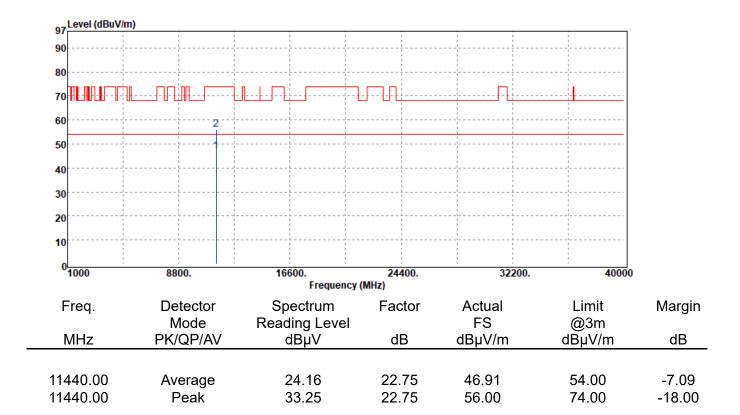
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-16

Test Frequency :5720 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-16

Test Frequency :5720 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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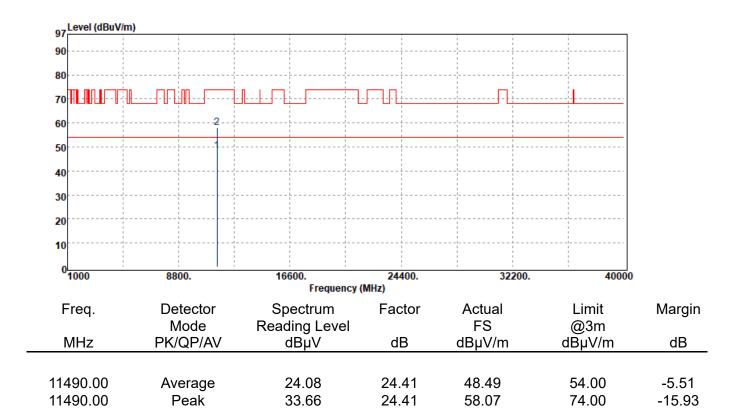
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n20

Test Frequency :5745 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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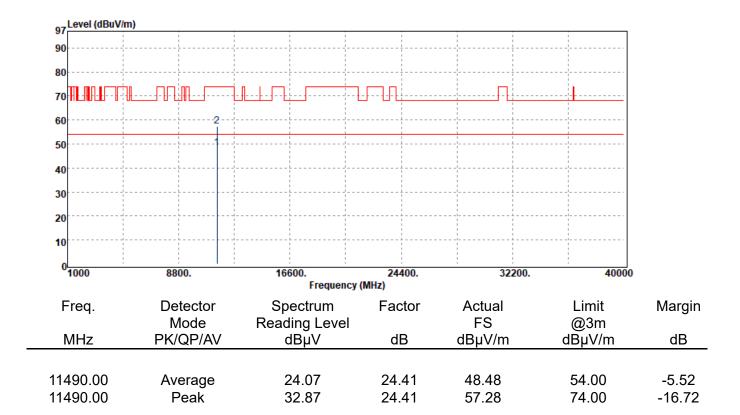
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Operation Mode :802.11n20 Test Date :2021-03-16

Test Frequency :5745 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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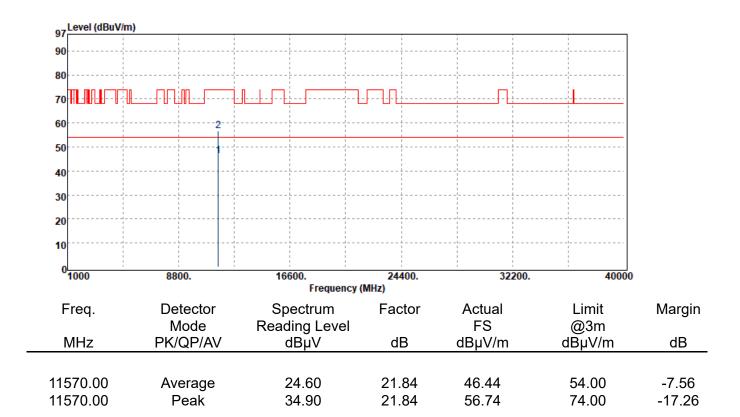
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n20

Test Frequency Temp./Humi. :22.7/63 :5785 MHz

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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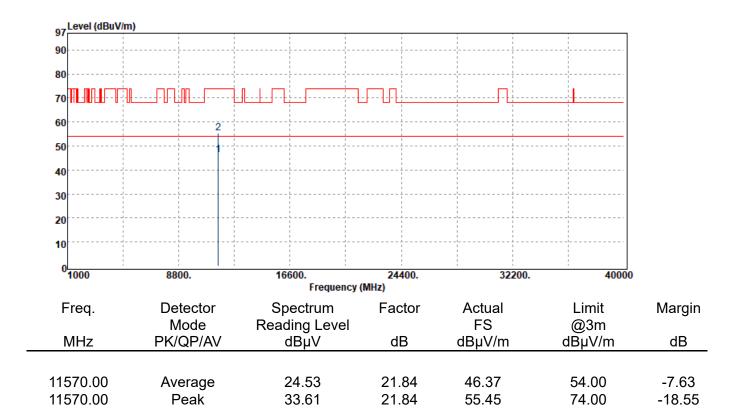
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Operation Mode :802.11n20 Test Date :2021-03-16

Test Frequency :5785 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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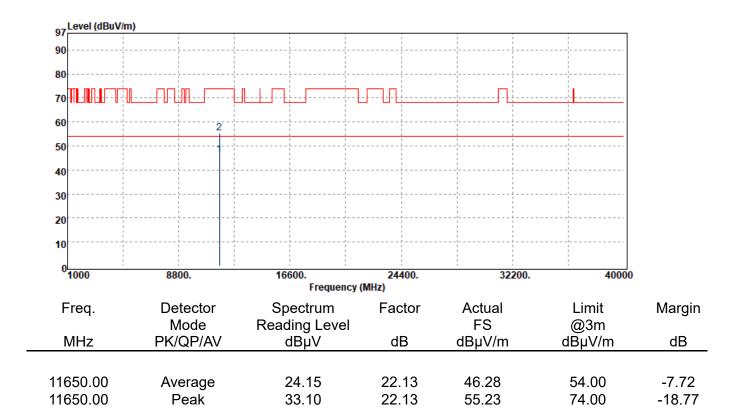
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n20

Test Frequency Temp./Humi. :22.7/63 :5825 MHz

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-16

Test Frequency :5825 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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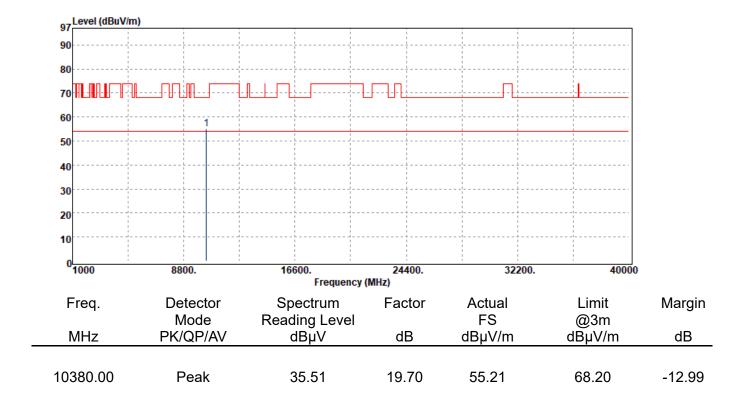
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-16

Test Frequency :5190 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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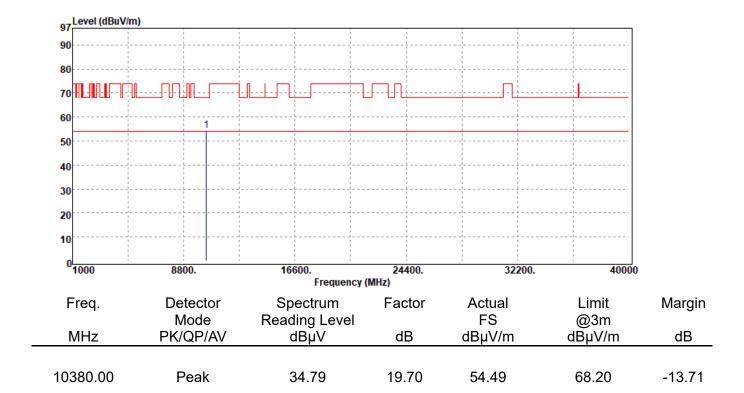
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-16

Test Frequency :5190 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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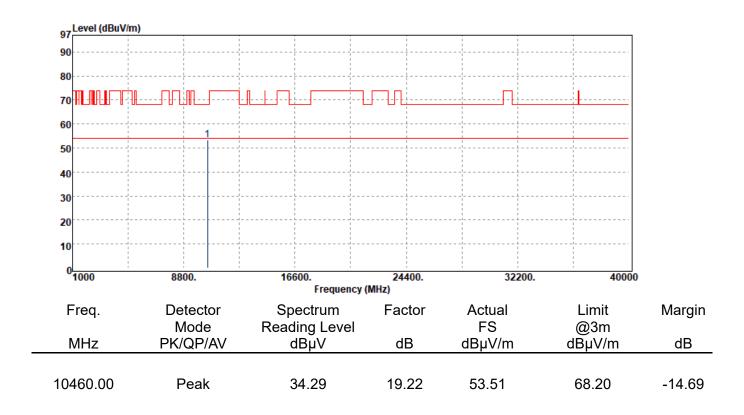
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-16

Test Frequency :5230 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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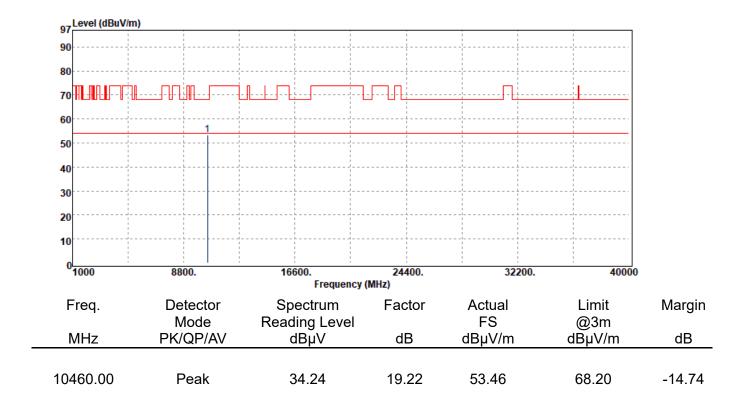
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Operation Mode :802.11n40 Test Date :2021-03-16

Test Frequency :5230 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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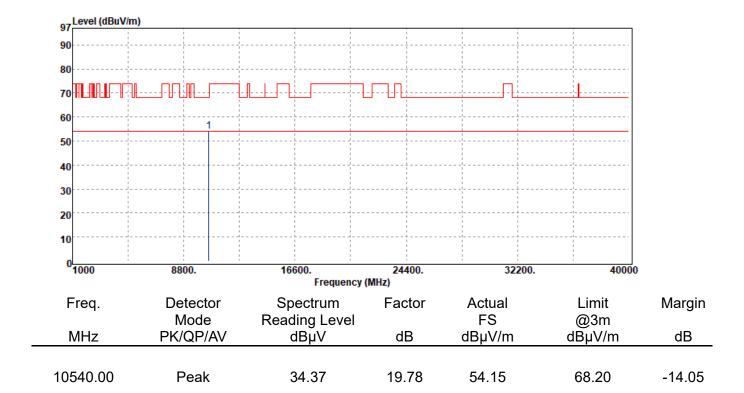
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n40

Test Frequency Temp./Humi. :22.7/63 :5270 MHz

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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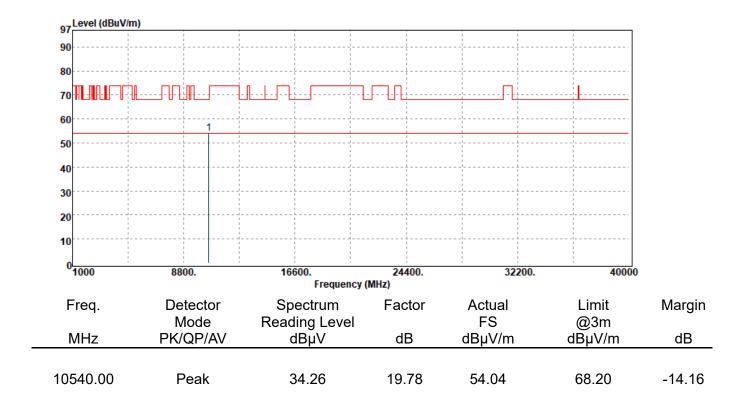
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n40

Test Frequency :5270 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n40

Test Frequency :5310 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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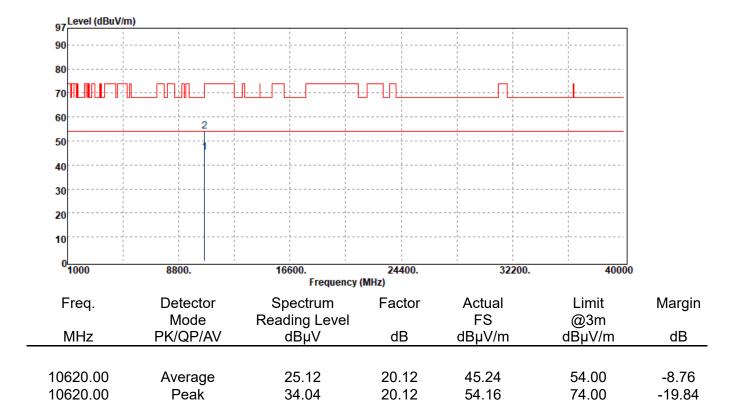
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-16

Test Frequency :5310 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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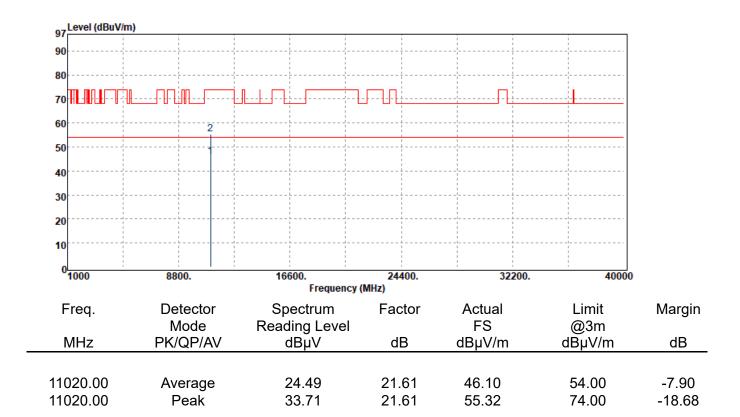
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n40

Test Frequency :5510 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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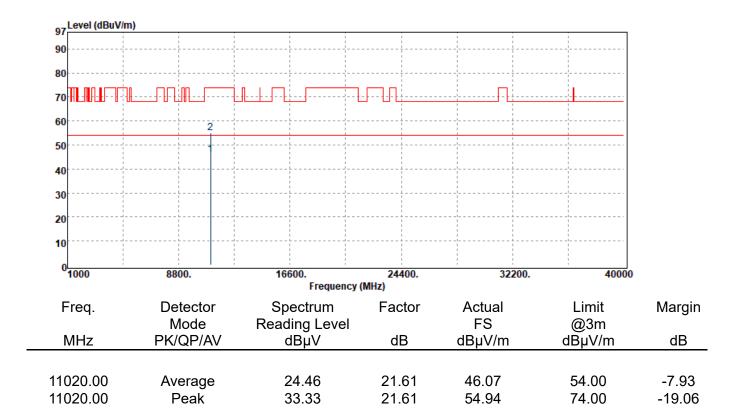
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-16

Test Frequency :5510 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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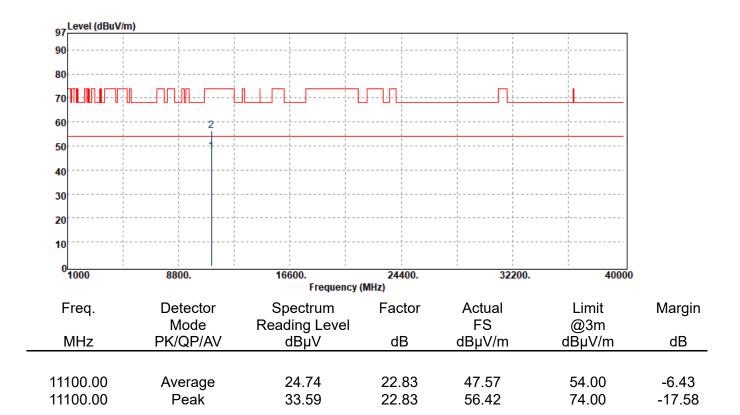
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n40

Test Frequency :22.7/63 :5550 MHz Temp./Humi.

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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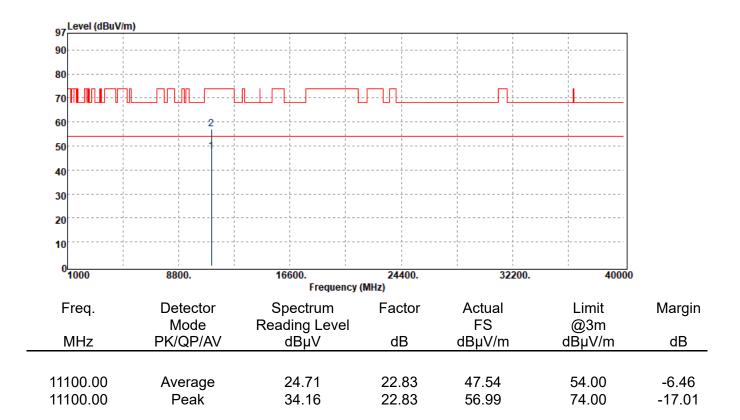
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-16

Test Frequency :5550 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n40

Test Frequency :22.7/63 :5670 MHz Temp./Humi.

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-16

Test Frequency :5670 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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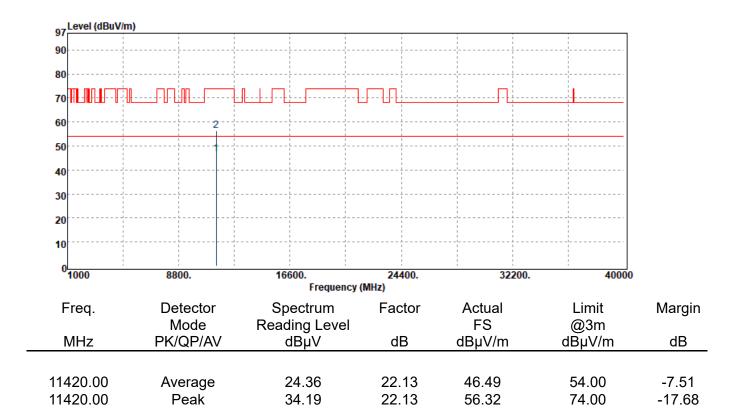
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n40

Test Frequency :22.7/63 :5710 MHz Temp./Humi.

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-16

Test Frequency :5710 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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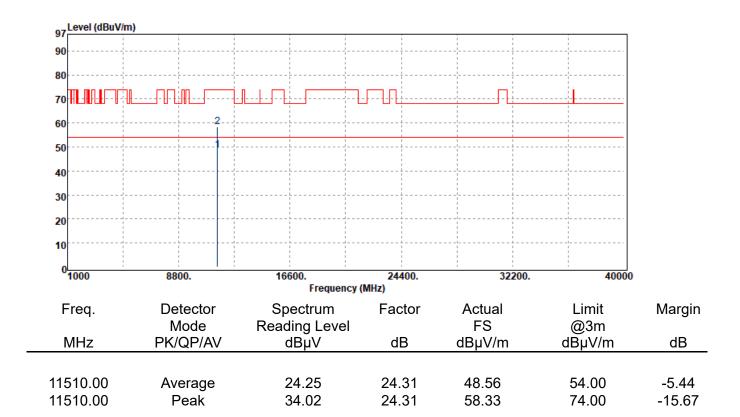
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-16

Test Frequency :5755 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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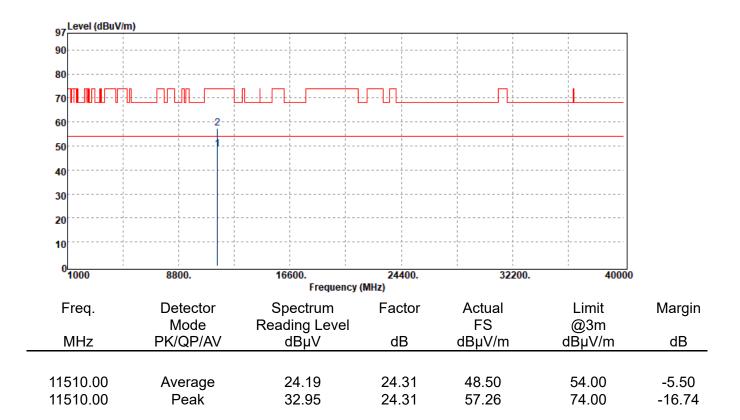
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-16

Test Frequency :5755 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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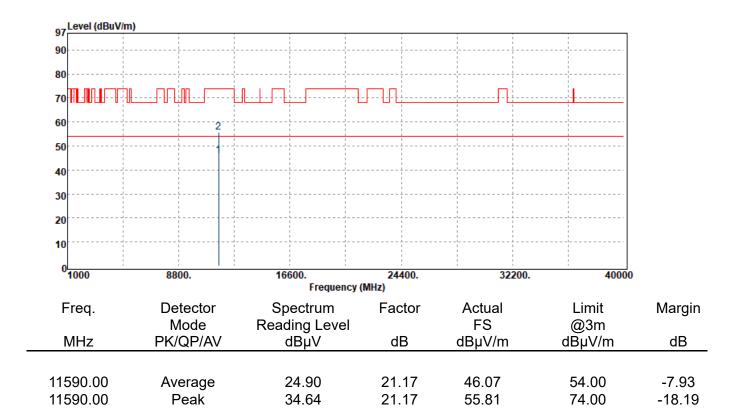
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n40

Test Frequency Temp./Humi. :22.7/63 :5795 MHz

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-16 :802.11n40

Test Frequency :5795 MHz Temp./Humi. :22.7/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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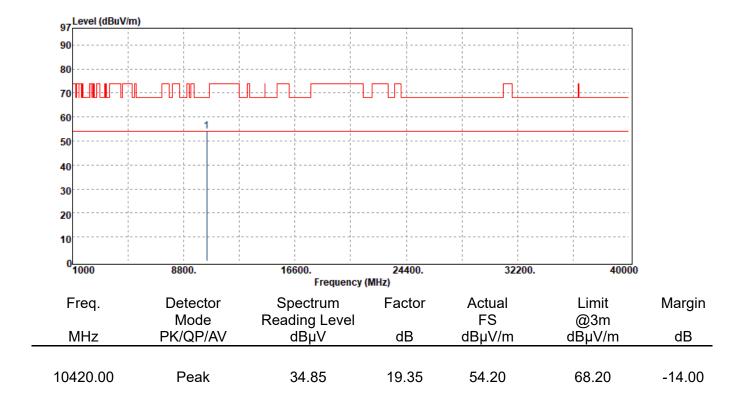
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-17

Test Frequency :5210 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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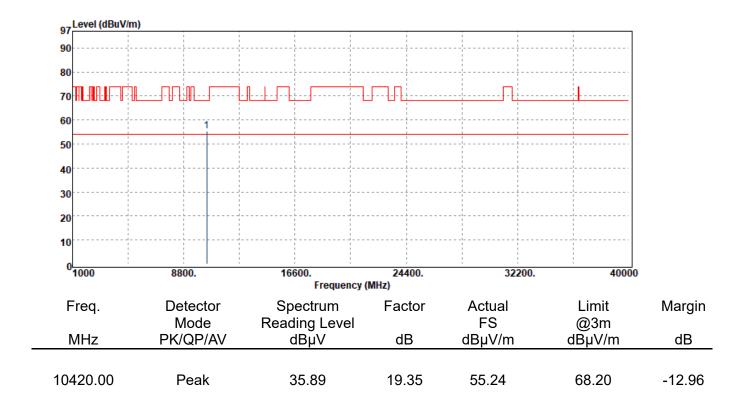
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-17

Test Frequency :5210 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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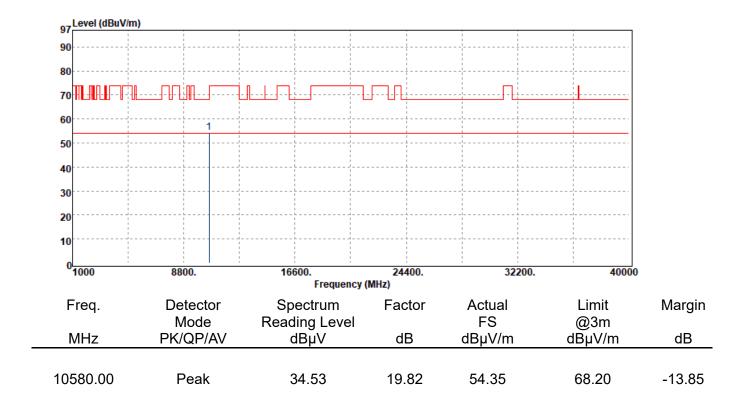
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-17

Test Frequency :5290 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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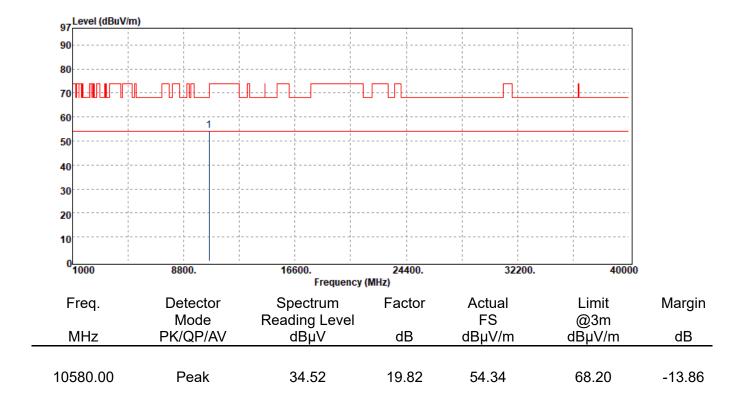
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-17

Test Frequency :5290 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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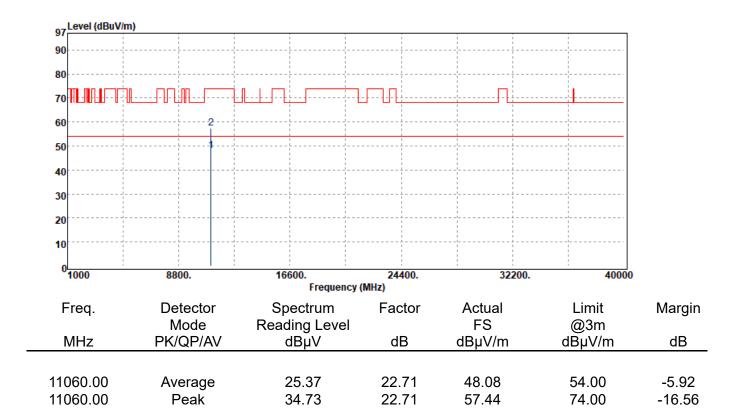
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ac80

Test Frequency Temp./Humi. :5530 MHz :22.8/65

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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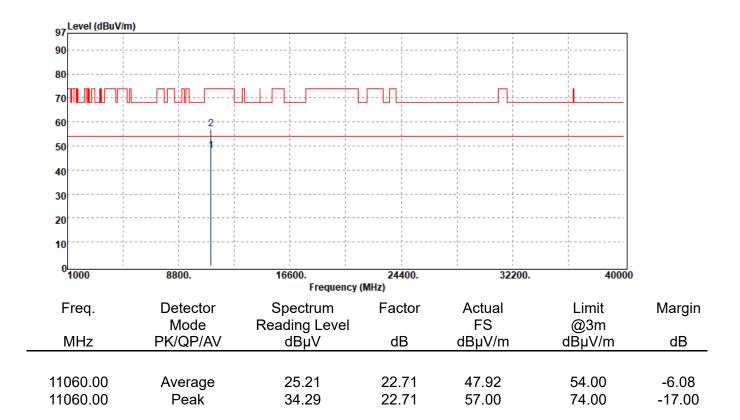
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Operation Mode :802.11ac80 Test Date :2021-03-17

Test Frequency :5530 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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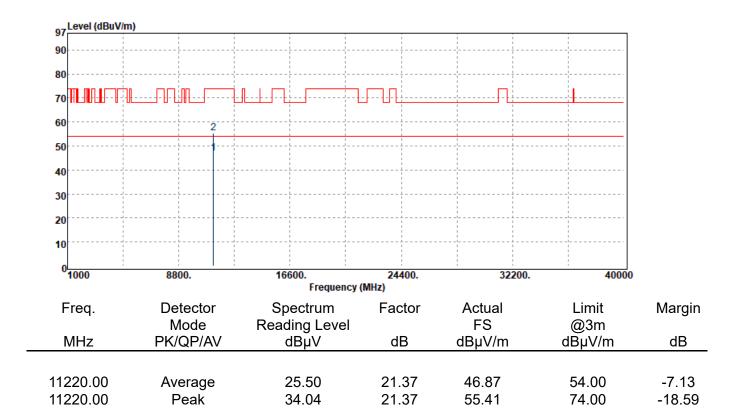
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ac80

Test Frequency :5610 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ac80

Test Frequency :5610 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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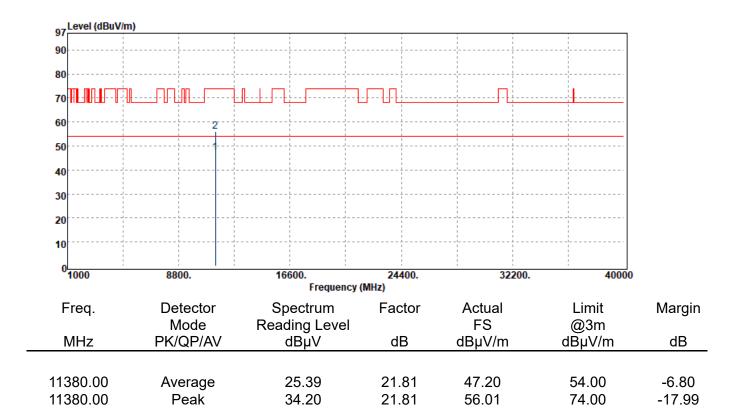
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ac80

Test Frequency :5690 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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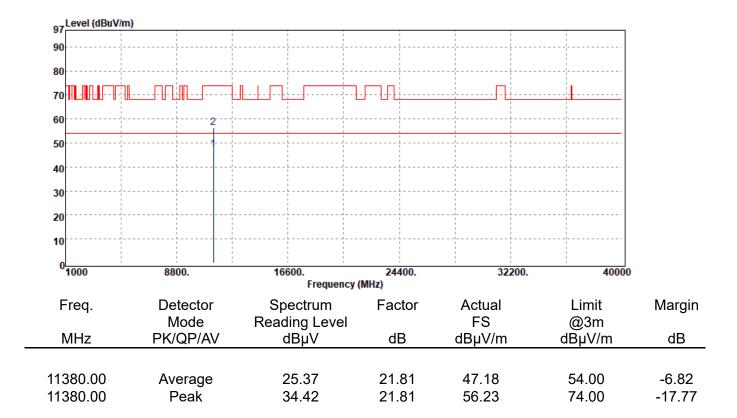
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-17

Test Frequency :5690 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-17

Test Frequency :5775 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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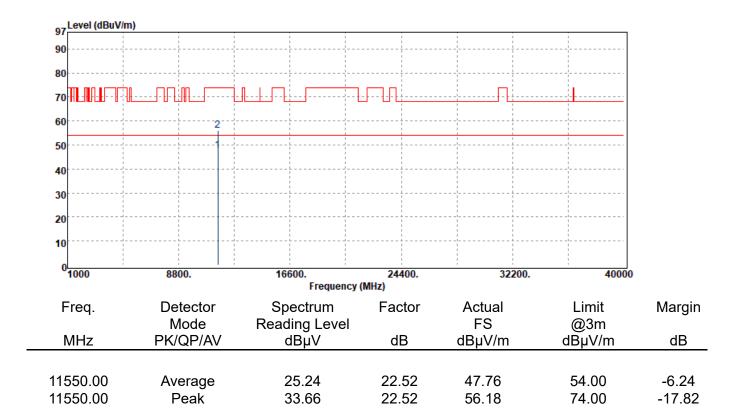
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Operation Mode :802.11ac80 Test Date :2021-03-17

Test Frequency :5775 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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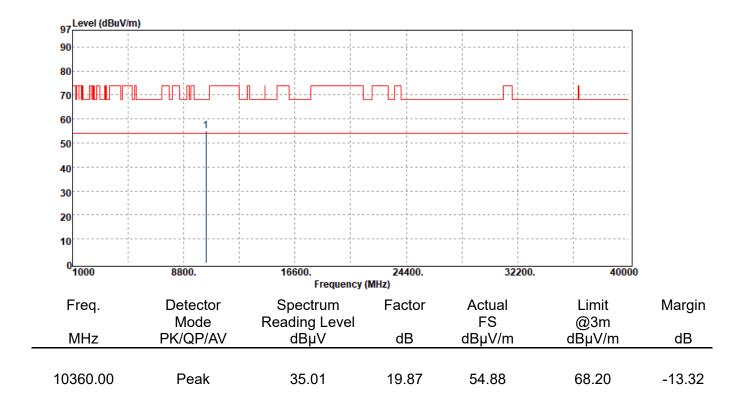
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 Test Date :2021-03-17

Test Frequency :5180 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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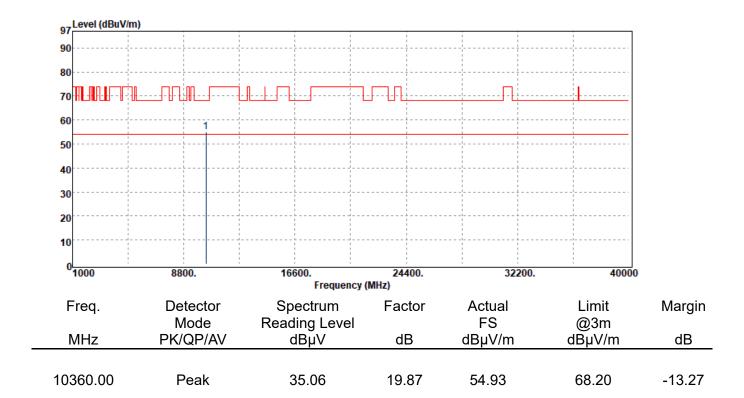
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax20

Test Frequency Temp./Humi. :5180 MHz :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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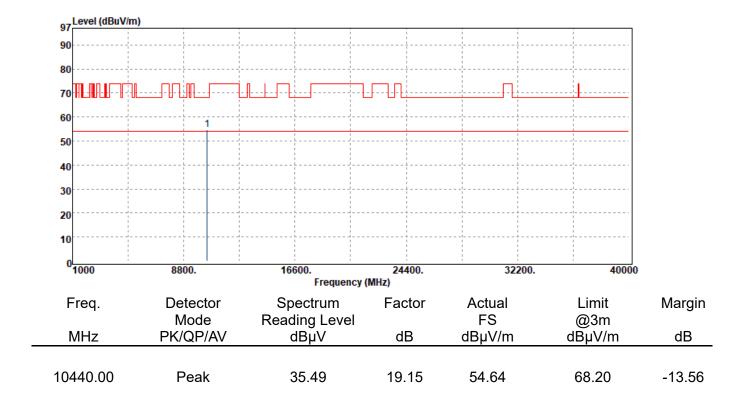
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax20

Test Frequency :5220 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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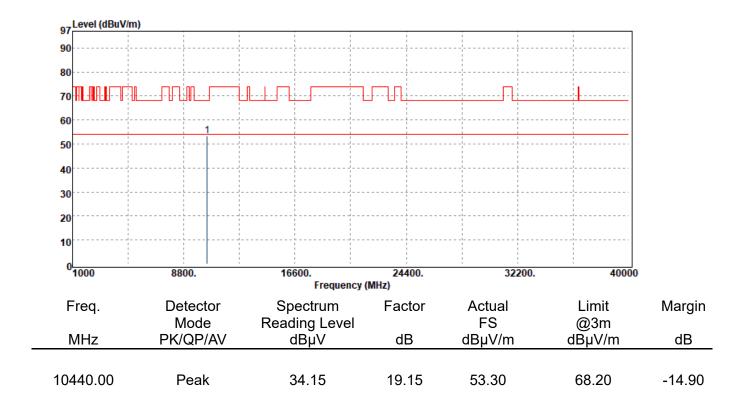
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 Test Date :2021-03-17

Test Frequency :5220 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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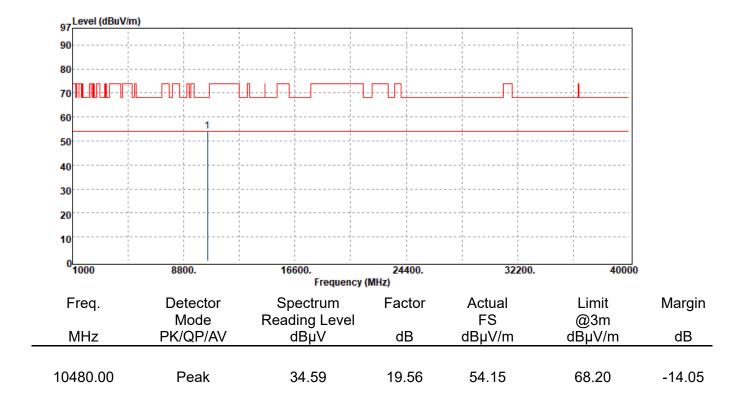
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 Test Date :2021-03-17

Test Frequency :5240 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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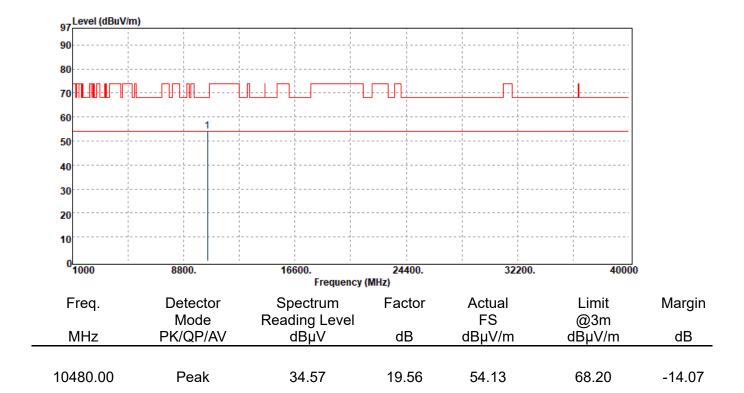
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Operation Mode :802.11ax20 Test Date :2021-03-17

Test Frequency :5240 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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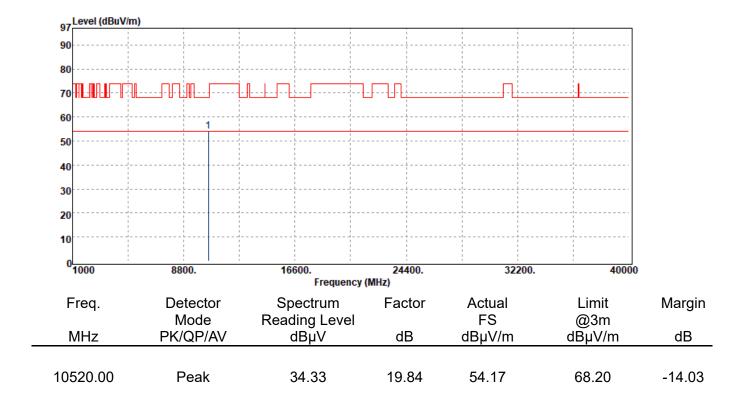
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Operation Mode :802.11ax20 Test Date :2021-03-17

Test Frequency :5260 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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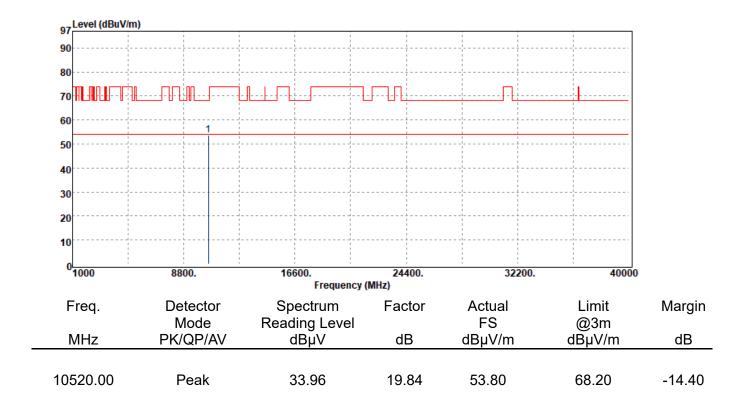
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 Test Date :2021-03-17

Test Frequency :5260 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax20

Test Frequency :5300 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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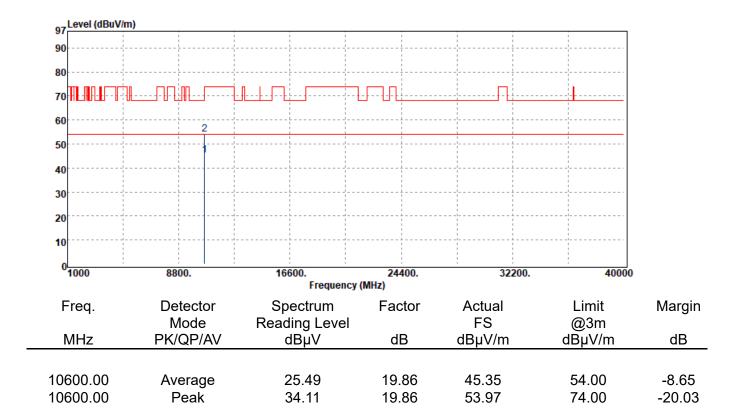
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Operation Mode Test Date :2021-03-17 :802.11ax20

Test Frequency :5300 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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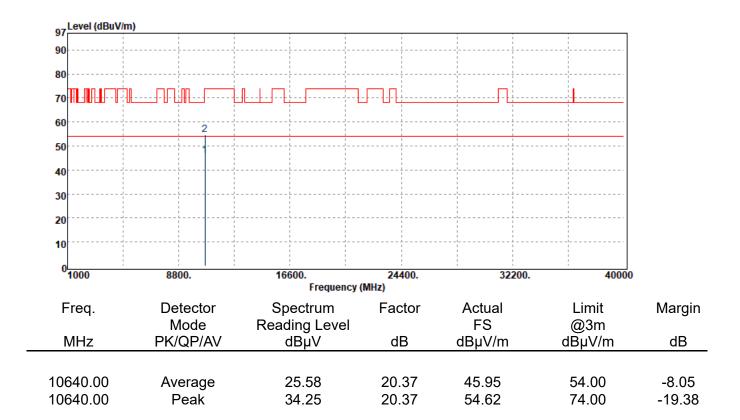
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Operation Mode :802.11ax20 Test Date :2021-03-17

Test Frequency :5320 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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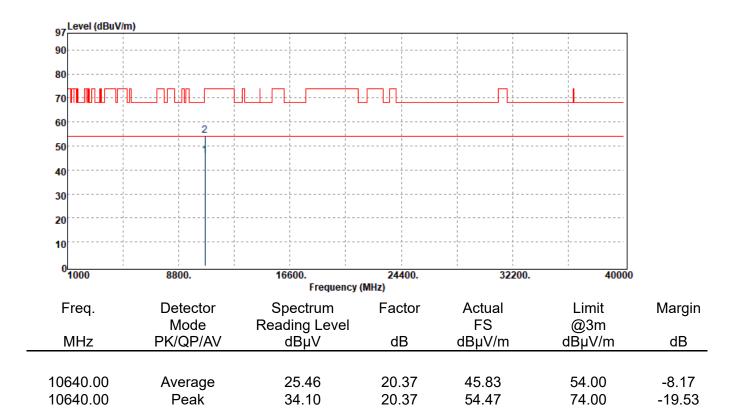
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Operation Mode :802.11ax20 Test Date :2021-03-17

Test Frequency :5320 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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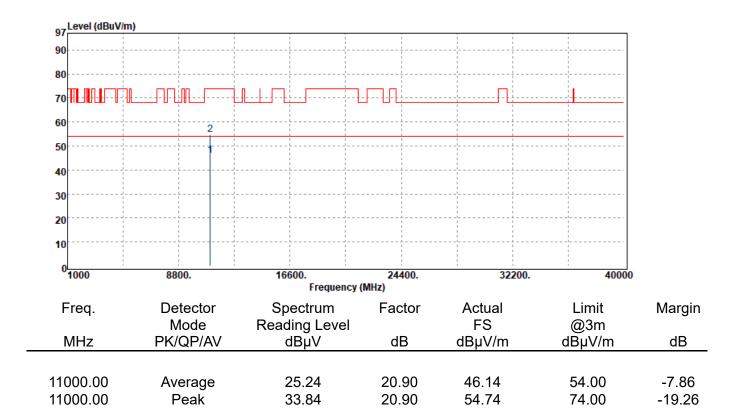
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax20

Test Frequency :5500 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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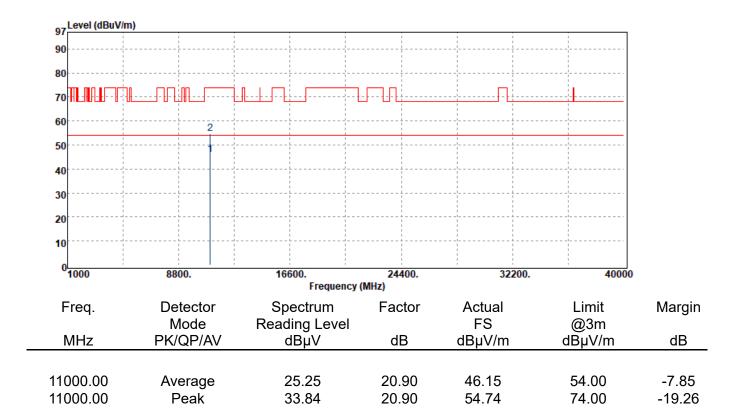
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 Test Date :2021-03-17

Test Frequency :5500 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax20

Test Frequency :5580 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 Test Date :2021-03-17

Test Frequency :5580 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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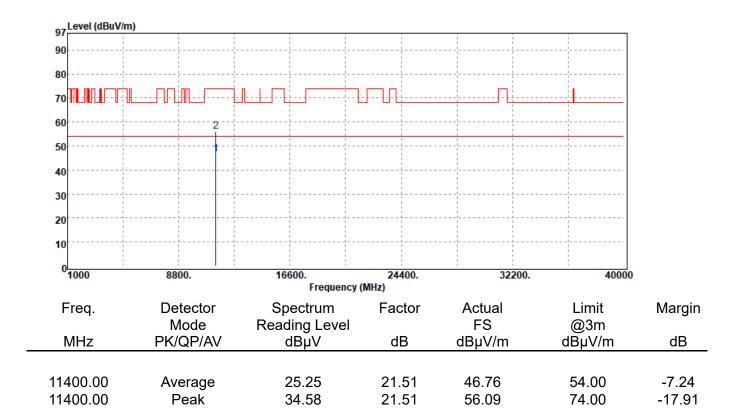
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax20

Test Frequency :5700 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 Test Date :2021-03-17

Test Frequency :5700 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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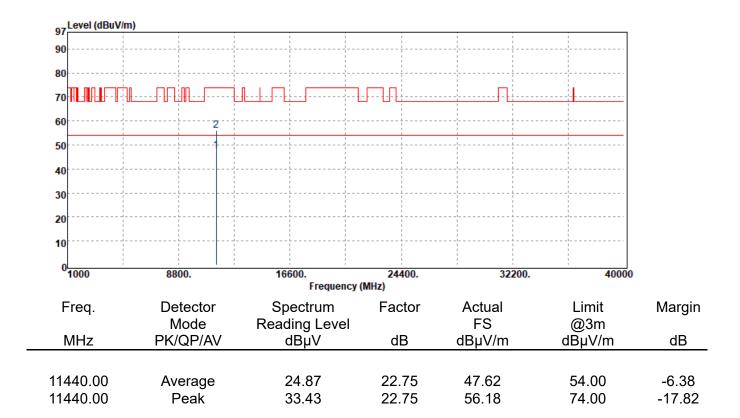
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Operation Mode :802.11ax20 Test Date :2021-03-17

Test Frequency :5720 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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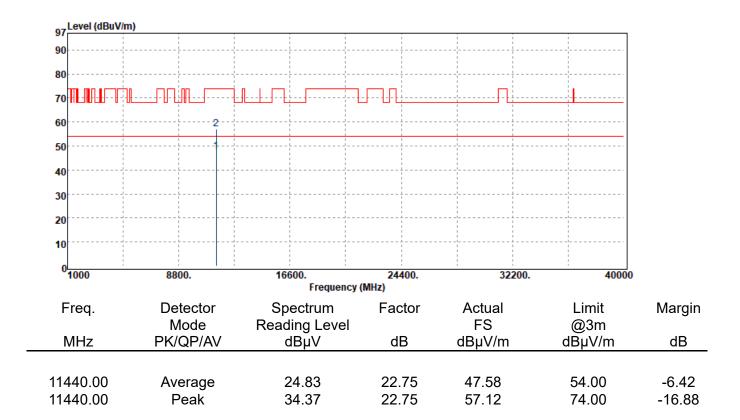
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax20

Test Frequency :5720 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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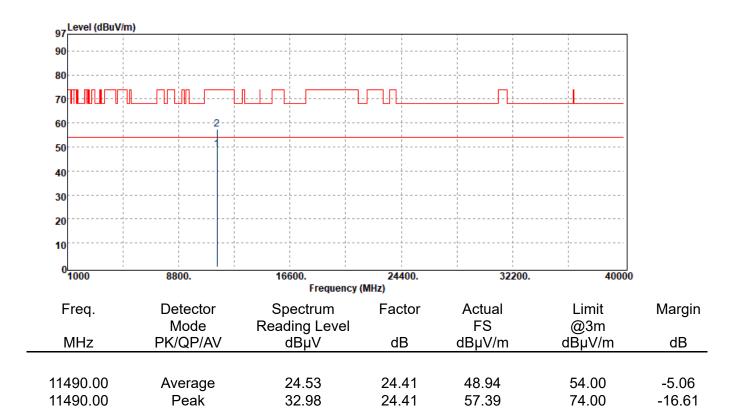
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 Test Date :2021-03-17

Test Frequency :5745 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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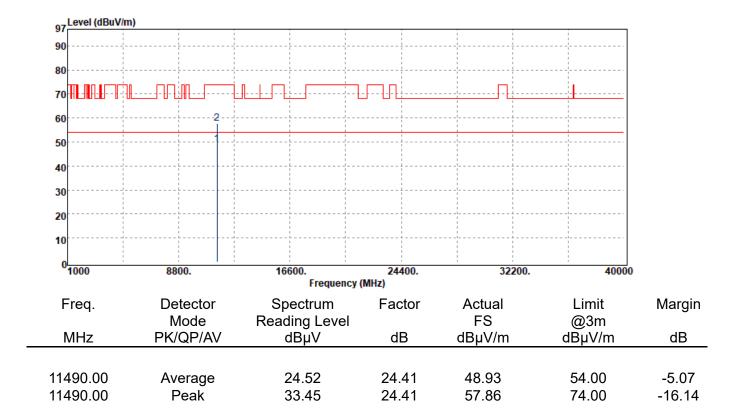
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 Test Date :2021-03-17

Test Frequency :5745 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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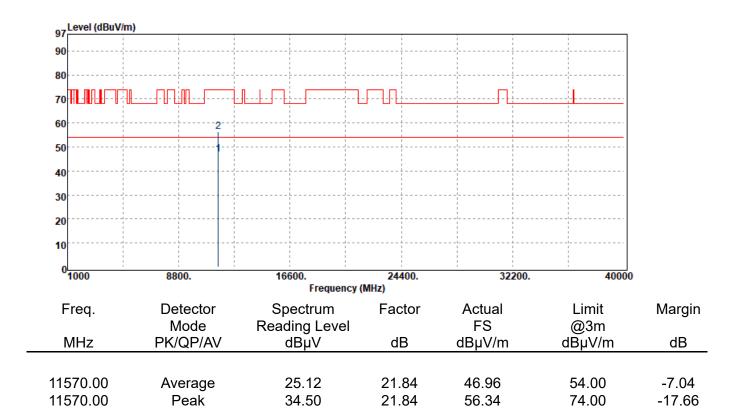
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Operation Mode :802.11ax20 Test Date :2021-03-17

Test Frequency :5785 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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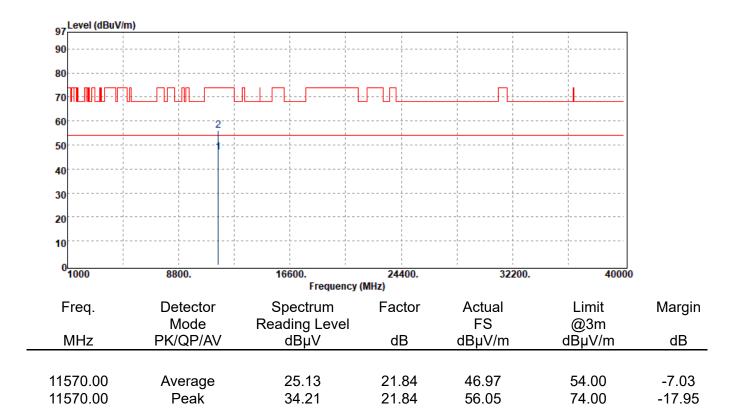
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 Test Date :2021-03-17

Test Frequency :5785 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax20

Test Frequency :5825 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 Test Date :2021-03-17

Test Frequency :5825 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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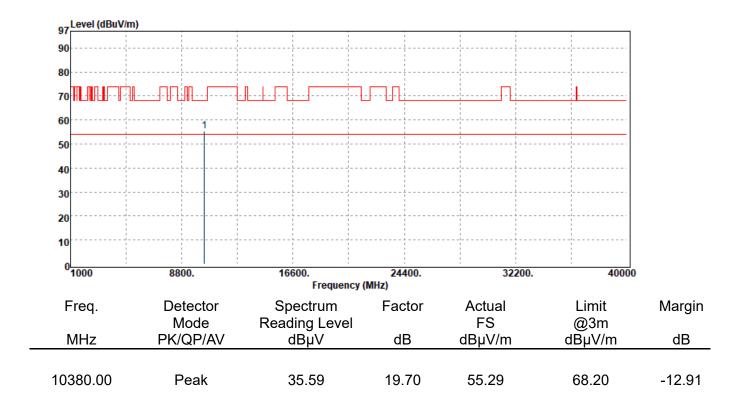
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax40 Test Date :2021-03-17

Test Frequency :5190 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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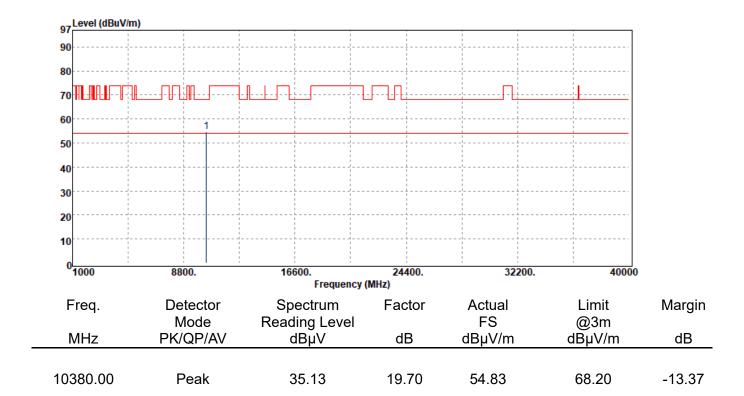
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax40 Test Date :2021-03-17

Test Frequency :5190 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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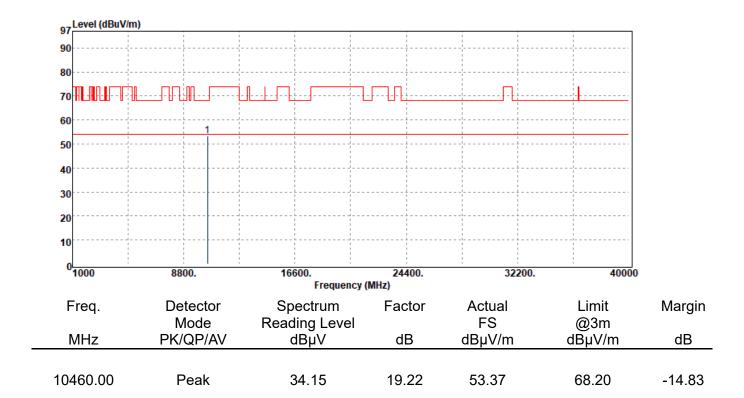
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax40

Test Frequency Temp./Humi. :5230 MHz :22.8/65

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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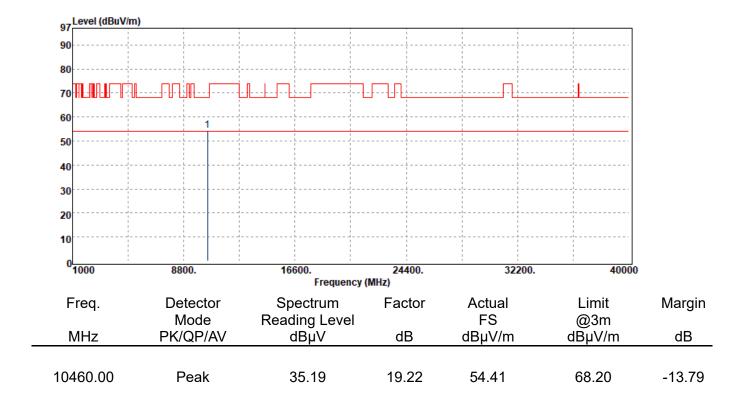
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax40 Test Date :2021-03-17

Test Frequency :5230 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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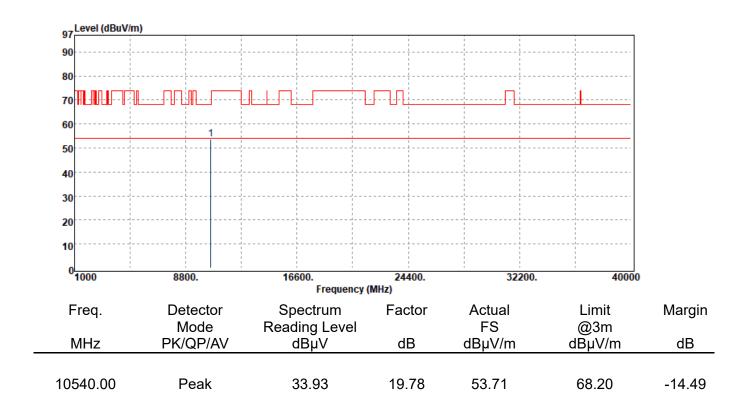
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax40 Test Date :2021-03-17

Test Frequency :5270 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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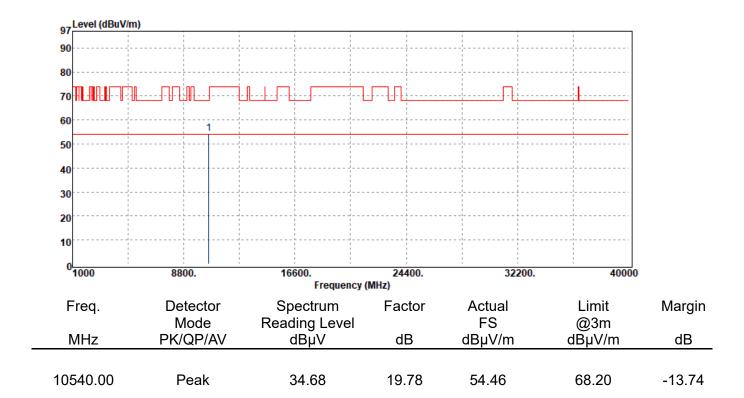
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax40 Test Date :2021-03-17

Test Frequency :5270 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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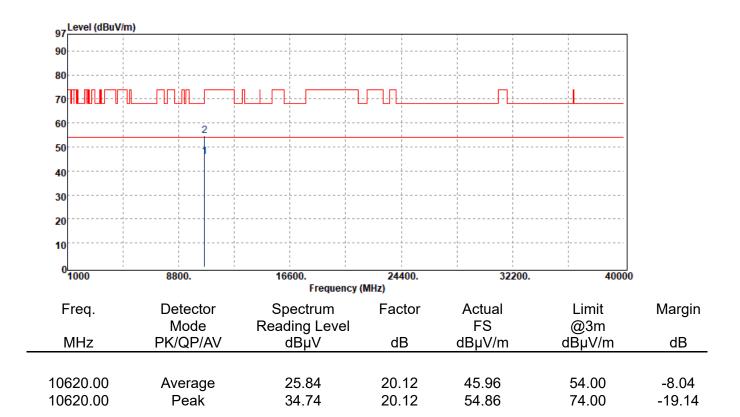
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax40

Test Frequency :5310 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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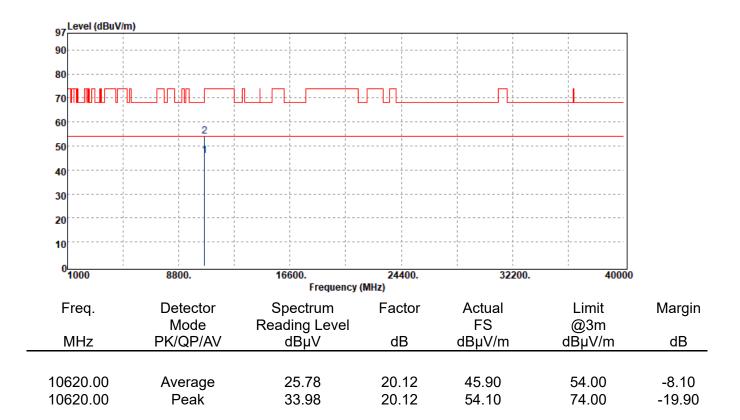
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax40 Test Date :2021-03-17

Test Frequency :5310 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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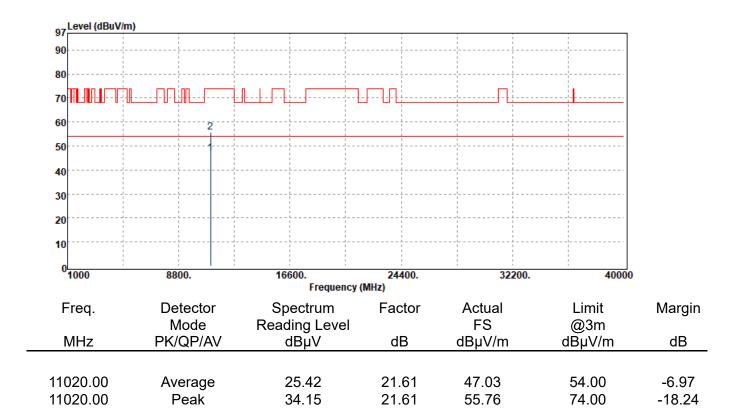
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax40

Test Frequency Temp./Humi. :5510 MHz :22.8/65

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax40 Test Date :2021-03-17

Test Frequency :5510 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax40

Test Frequency Temp./Humi. :5550 MHz :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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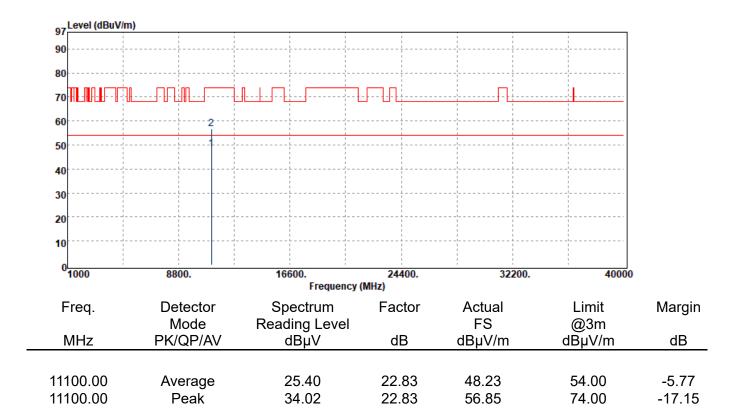
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax40 Test Date :2021-03-17

Test Frequency :5550 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax40

Test Frequency Temp./Humi. :5670 MHz :22.8/65

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax40 Test Date :2021-03-17

Test Frequency :5670 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax40

Test Frequency :5710 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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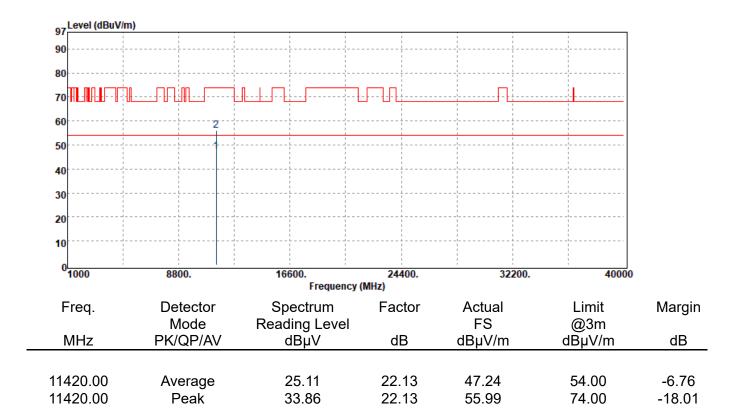
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax40 Test Date :2021-03-17

Test Frequency :5710 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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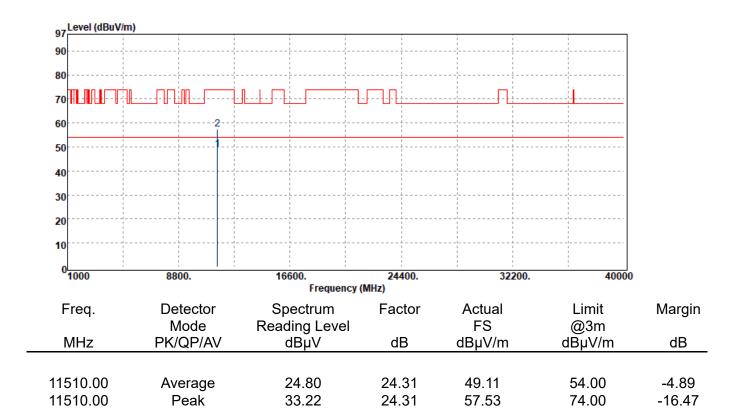
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax40

Test Frequency Temp./Humi. :5755 MHz :22.8/65

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax40 Test Date :2021-03-17

Test Frequency :5755 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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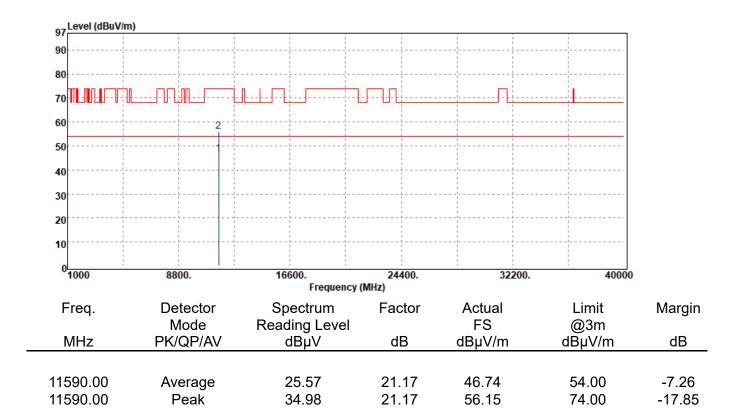
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax40

Test Frequency Temp./Humi. :5795 MHz :22.8/65

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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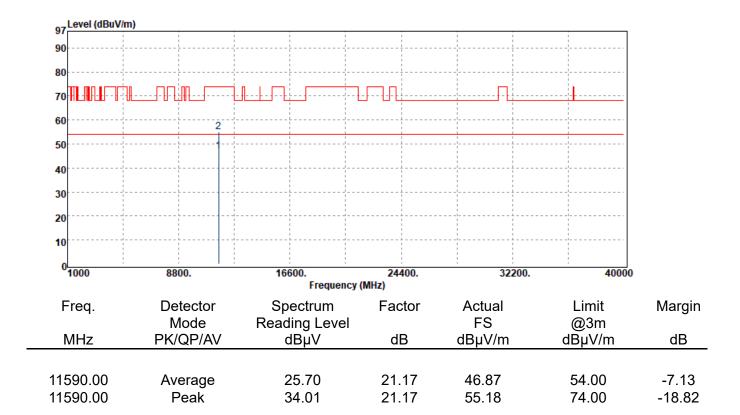
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax40

Test Frequency :5795 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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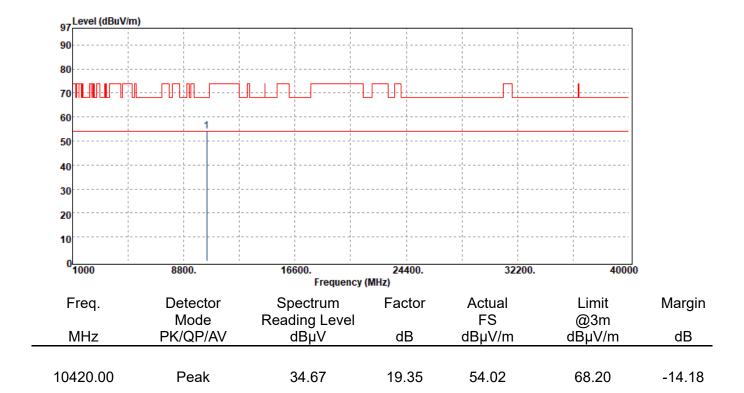
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax80 Test Date :2021-03-17

Test Frequency :5210 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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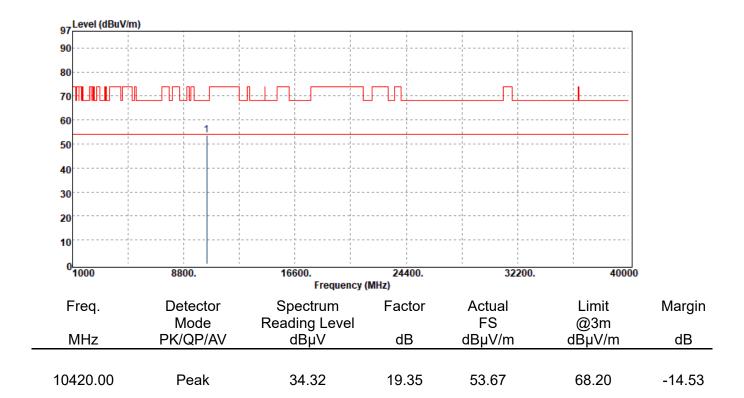
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax80 Test Date :2021-03-17

Test Frequency :5210 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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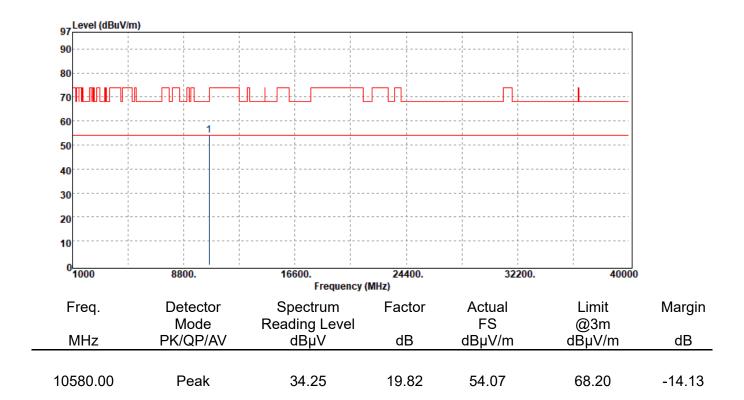
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax80

Test Frequency Temp./Humi. :5290 MHz :22.8/65

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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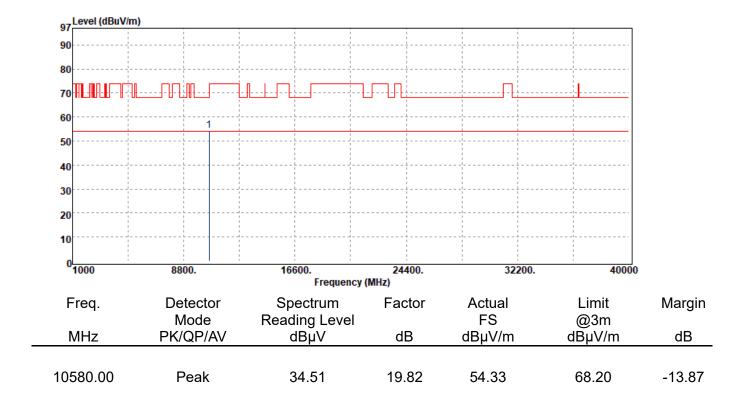
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax80 Test Date :2021-03-17

Test Frequency :5290 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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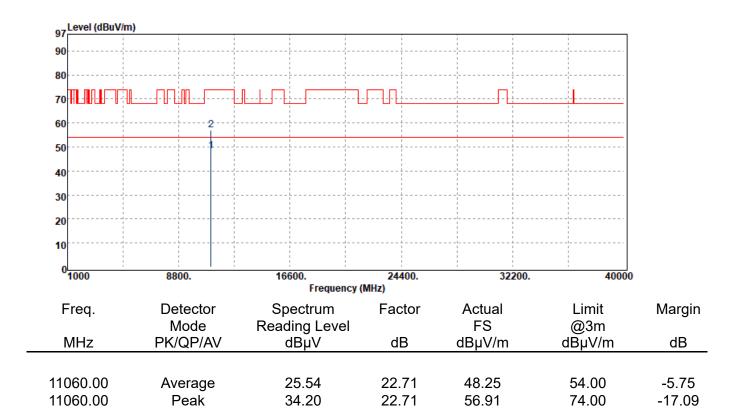
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax80

Test Frequency Temp./Humi. :5530 MHz :22.8/65

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax80 Test Date :2021-03-17

Test Frequency :5530 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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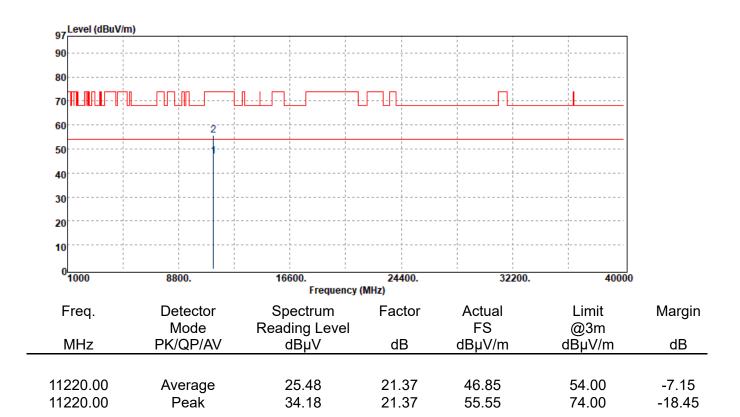
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax80 Test Date :2021-03-17

Test Frequency :5610 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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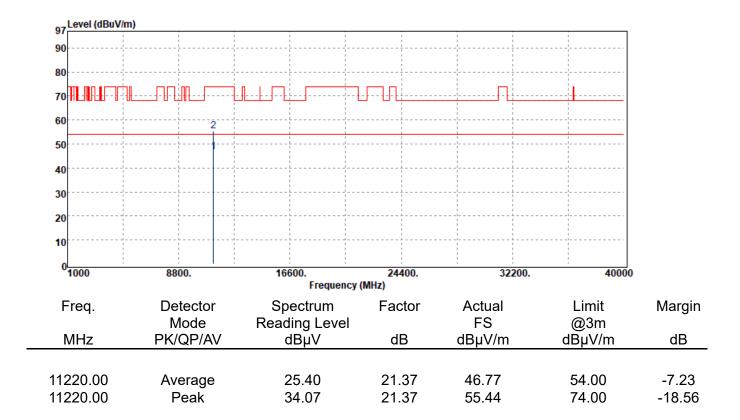
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax80 Test Date :2021-03-17

Test Frequency :5610 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax80

Test Frequency :5690 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax80 Test Date :2021-03-17

Test Frequency :5690 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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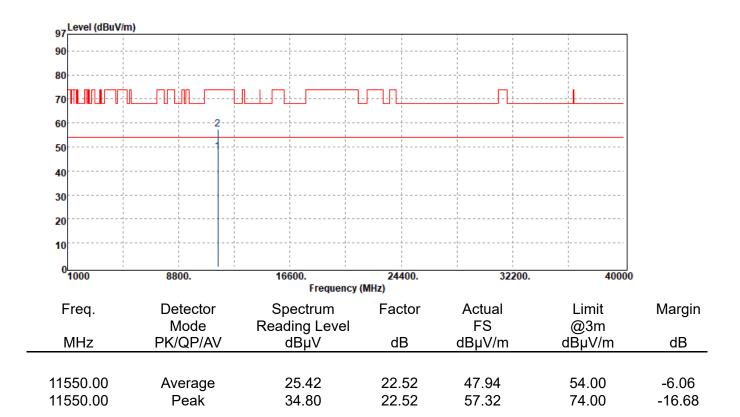
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-17 :802.11ax80

Test Frequency Temp./Humi. :5775 MHz :22.8/65

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax80 Test Date :2021-03-17

Test Frequency :5775 MHz Temp./Humi. :22.8/65

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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11.7.3 Band edge falling to restricted band

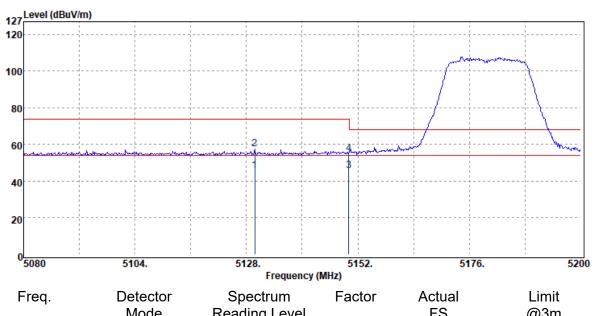
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-15

Test Frequency :5180 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
					<u> </u>	
5129.80	Average	36.92	8.56	45.48	54.00	-8.52
5129.80	Peak	48.86	8.56	57.42	74.00	-16.58
5150.00	Average	37.32	8.53	45.85	54.00	-8.15
5150.00	Peak	46.62	8.53	55.15	74.00	-18.85

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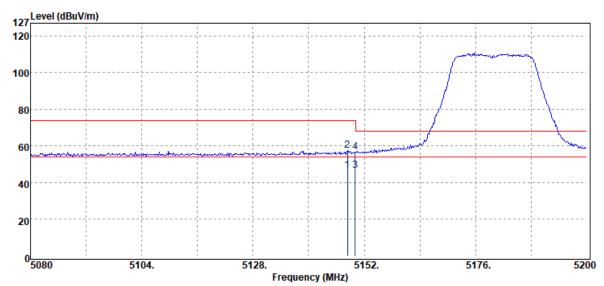
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-15

Test Frequency :5180 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5148.40	Average	37.96	8.53	46.49	54.00	-7.51
5148.40	Peak	48.93	8.53	57.46	74.00	-16.54
5150.00	Average	38.06	8.53	46.59	54.00	-7.41
5150.00	Peak	47.95	8.53	56.48	74.00	-17.52

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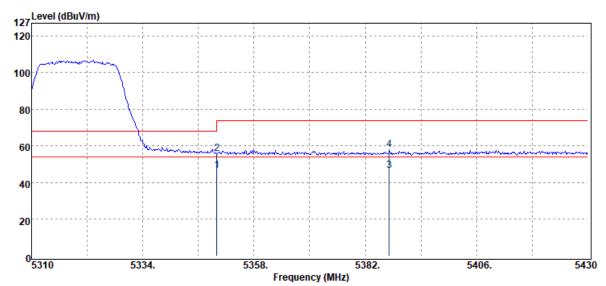
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-15

Test Frequency :5320 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5350.00	Average	37.97	8.77	46.74	54.00	-7.26
5350.00	Peak	47.22	8.77	55.99	74.00	-18.01
5387.16	Average	37.29	9.25	46.54	54.00	-7.46
5387.16	Peak	48.82	9.25	58.07	74.00	-15.93

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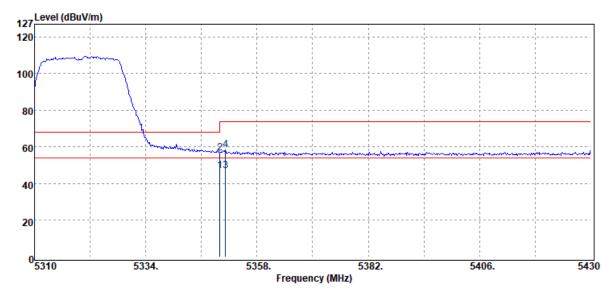
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-15

Test Frequency :5320 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5350.00	Average	38.21	8.77	46.98	54.00	-7.02
5350.00	Peak	48.12	8.77	56.89	74.00	-17.11
5351.16	Average	38.08	8.78	46.86	54.00	-7.14
5351.16	Peak	49.84	8.78	58.62	74.00	-15.38

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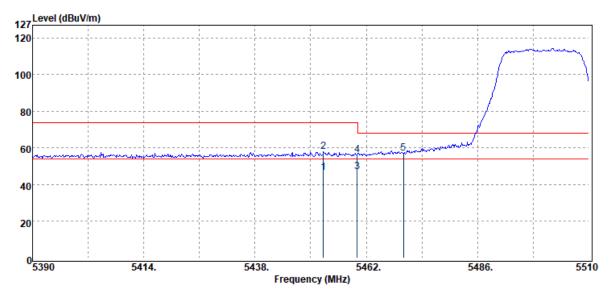
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-15

Test Frequency :5500 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
IVITZ	FN/QF/AV	иви	uБ	ασμν/πι	ασμν/π	<u>ub</u>
5452.76	Average	37.16	9.59	46.75	54.00	-7.25
5452.76	Peak	48.48	9.59	58.07	74.00	-15.93
5460.00	Average	37.26	9.63	46.89	54.00	-7.11
5460.00	Peak	46.47	9.63	56.10	74.00	-17.90
5470.00	Peak	47.40	9.71	57.11	68.20	-11.09

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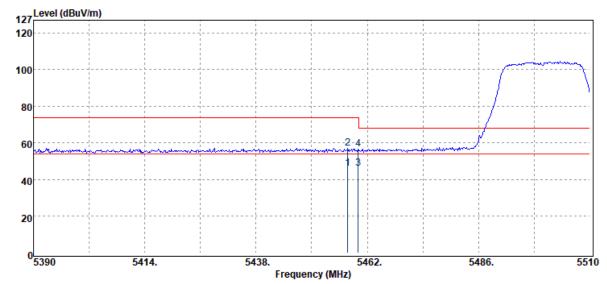
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-15 :802.11n20

Test Frequency Temp./Humi. :22.4/61 :5500 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
				•	•	
5457.80	Average	36.39	9.62	46.01	54.00	-7.99
5457.80	Peak	47.63	9.62	57.25	74.00	-16.75
5460.00	Average	36.46	9.63	46.09	54.00	-7.91
5460.00	Peak	46.84	9.63	56.47	74.00	-17.53

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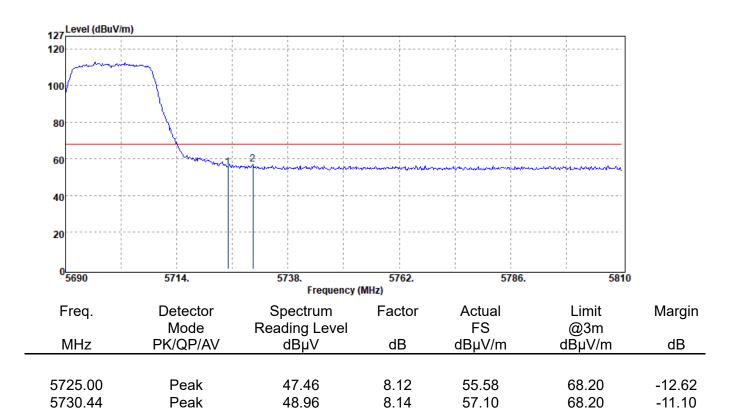
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-15

Test Frequency :5700 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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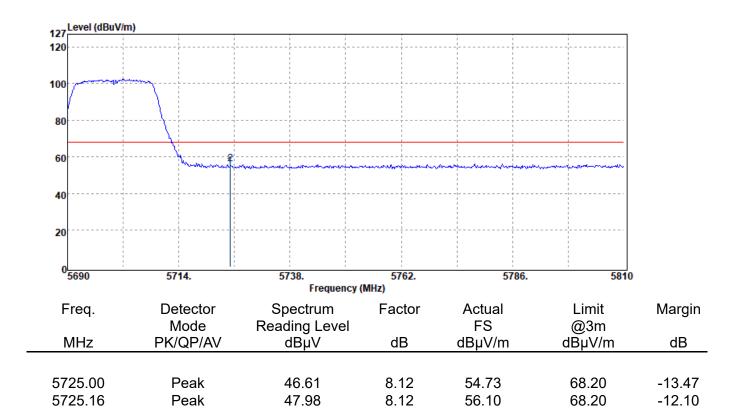
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-15

Test Frequency :5700 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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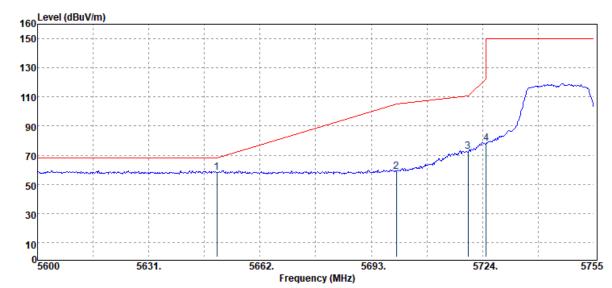
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-15 :802.11n20

Test Frequency Temp./Humi. :22.4/61 :5745 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
				•	•	
5650.00	Peak	49.83	8.08	57.91	68.20	-10.29
5700.00	Peak	50.62	8.02	58.64	105.20	-46.56
5720.00	Peak	64.48	8.10	72.58	110.80	-38.22
5725.00	Peak	69.89	8.12	78.01	122.20	-44.19

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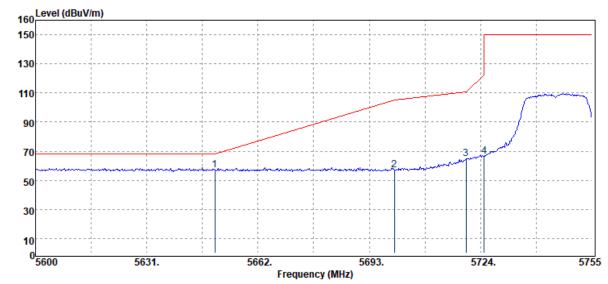
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-15 :802.11n20

Test Frequency Temp./Humi. :22.4/61 :5745 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		•		·	•	
5650.00	Peak	48.93	8.08	57.01	68.20	-11.19
5700.00	Peak	49.18	8.02	57.20	105.20	-48.00
5720.00	Peak	56.42	8.10	64.52	110.80	-46.28
5725.00	Peak	58.50	8.12	66.62	122.20	-55.58

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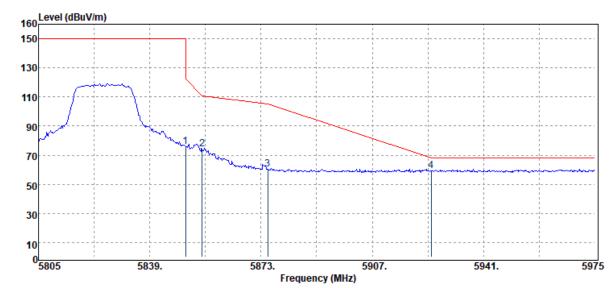
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-15 :802.11n20

Test Frequency Temp./Humi. :22.4/61 :5825 MHz

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		·		·	·	
5850.00	Peak	66.92	9.02	75.94	122.20	-46.26
5855.00	Peak	64.93	9.07	74.00	110.80	-36.80
5875.00	Peak	51.29	9.27	60.56	105.20	-44.64
5925.00	Peak	49.42	9.70	59.12	68.20	-9.08

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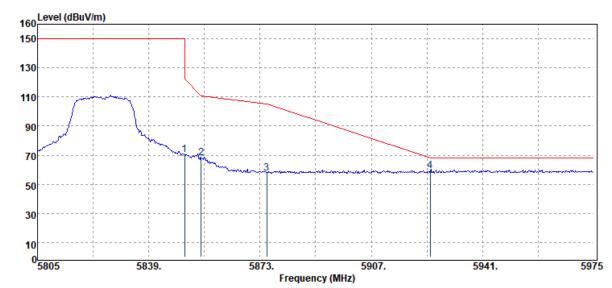
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-15

Test Frequency :5825 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5850.00	Peak	61.40	9.02	70.42	122.20	-51.78
5855.00 5875.00 5925.00	Peak Peak Peak	59.24 48.30 49.65	9.07 9.27 9.70	68.31 57.57 59.35	110.80 105.20 68.20	-42.49 -47.63 -8.85

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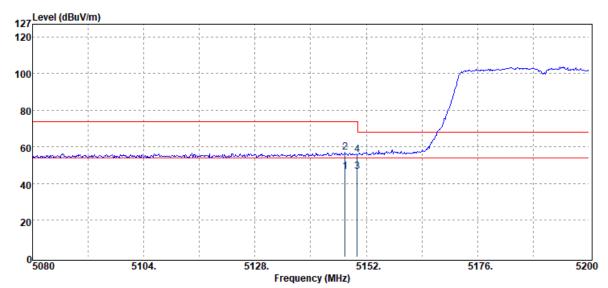
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-15

Test Frequency :5190 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
				•	•	
5147.44	Average	37.96	8.54	46.50	54.00	-7.50
5147.44	Peak	48.71	8.54	57.25	74.00	-16.75
5150.00	Average	37.89	8.53	46.42	54.00	-7.58
5150.00	Peak	47.13	8.53	55.66	74.00	-18.34

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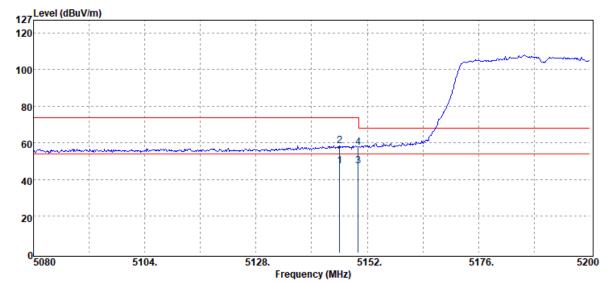
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-15 :802.11n40

Test Frequency Temp./Humi. :22.4/61 :5190 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		·		•	•	
5146.00	Average	38.92	8.53	47.45	54.00	-6.55
5146.00	Peak	50.11	8.53	58.64	74.00	-15.36
5150.00	Average	39.09	8.53	47.62	54.00	-6.38
5150.00	Peak	49.02	8.53	57.55	74.00	-16.45

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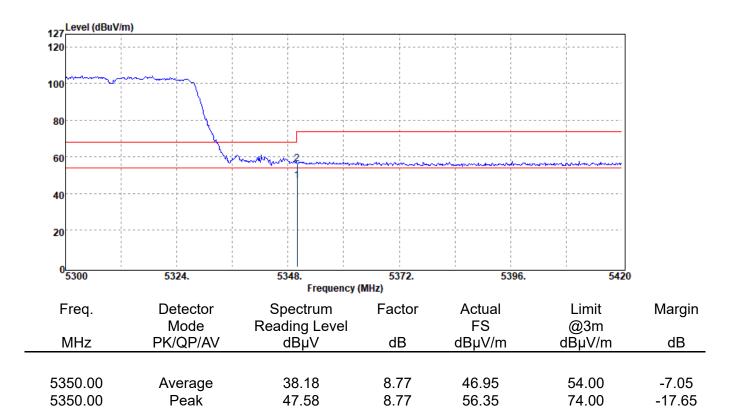
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-15 :802.11n40

Test Frequency :5310 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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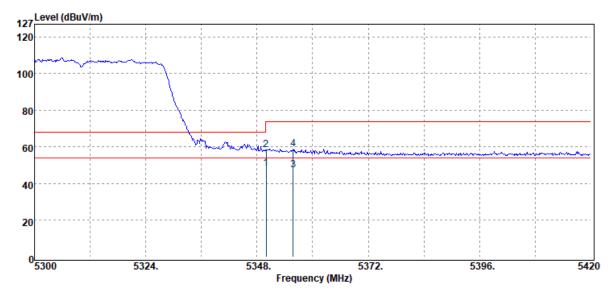
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-15

Test Frequency :5310 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
				•	•	
5350.00	Average	39.51	8.77	48.28	54.00	-5.72
5350.00	Peak	49.89	8.77	58.66	74.00	-15.34
5355.80	Average	38.69	8.83	47.52	54.00	-6.48
5355.80	Peak	50.26	8.83	59.09	74.00	-14.91

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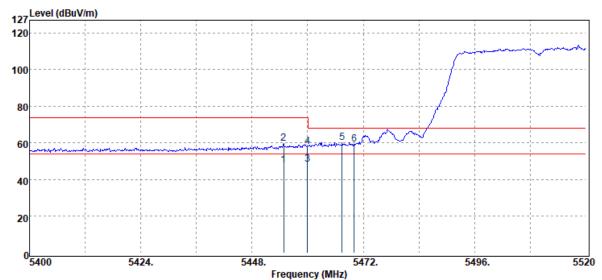
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-15 :802.11n40

Test Frequency Temp./Humi. :22.4/61 :5510 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dΒμV/m	dB
5454.84	Average	38.27	9.60	47.87	54.00	-6.13
5454.84	Peak	50.23	9.60	59.83	74.00	-14.17
5460.00	Average	38.72	9.63	48.35	54.00	-5.65
5460.00	Peak	48.54	9.63	58.17	74.00	-15.83
5467.44	Peak	50.61	9.68	60.29	68.20	-7.91
5470.00	Peak	49.77	9.71	59.48	68.20	-8.72

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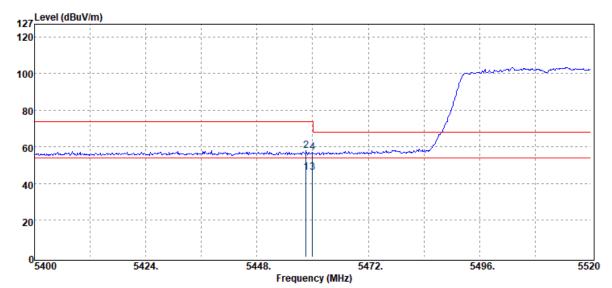
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-15 :802.11n40

Test Frequency Temp./Humi. :22.4/61 :5510 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5458.56	Average	36.62	9.62	46.24	54.00	-7.76
5458.56	Peak	48.44	9.62	58.06	74.00	-15.94
5460.00	Average	36.63	9.63	46.26	54.00	-7.74
5460.00	Peak	47.33	9.63	56.96	74.00	-17.04

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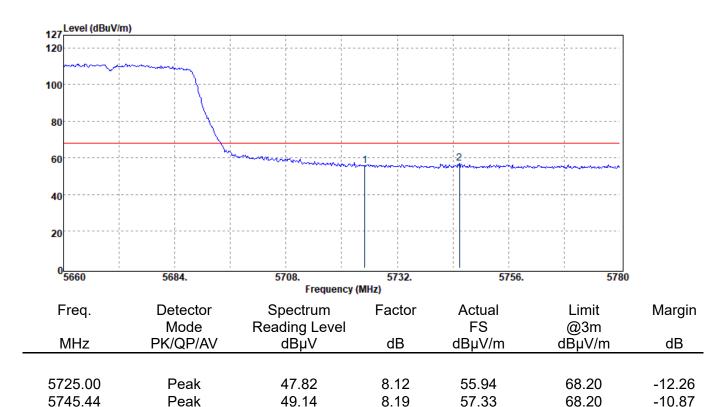
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-15 :802.11n40

Test Frequency :5670 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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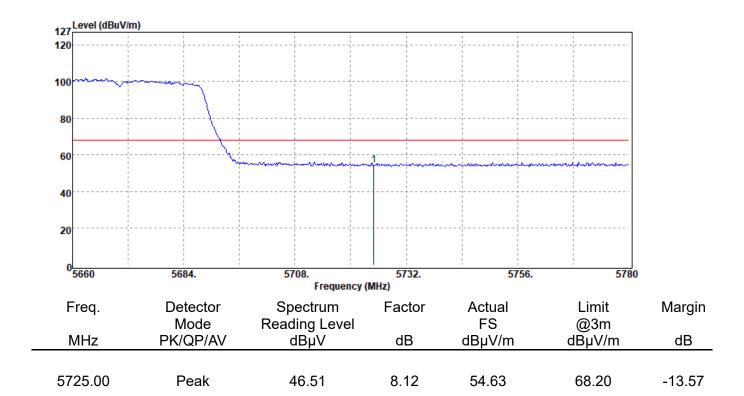
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-15

Test Frequency :5670 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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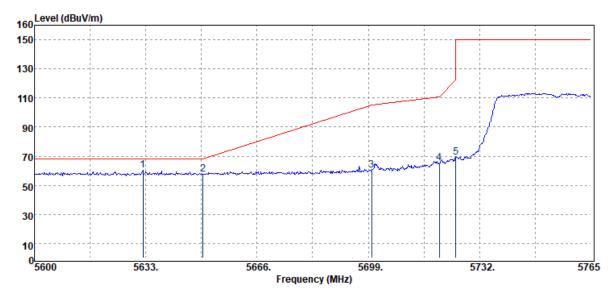
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-15 :802.11n40

Test Frequency Temp./Humi. :22.4/61 :5755 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
5632.18	Peak	52.17	8.21	60.38	68.20	-7.82
5650.00	Peak	49.60	8.08	57.68	68.20	-10.52
5700.00	Peak	52.49	8.02	60.51	105.20	-44.69
5720.00	Peak	57.04	8.10	65.14	110.80	-45.66
5725.00	Peak	60.95	8.12	69.07	122.20	-53.13

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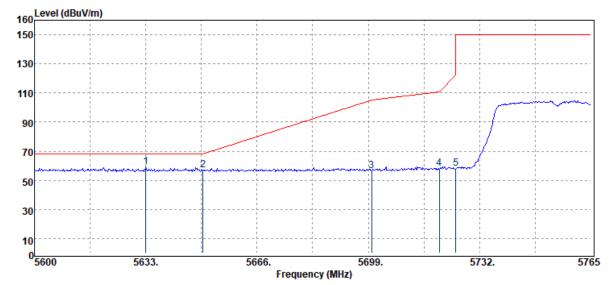
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-15 :802.11n40

Test Frequency Temp./Humi. :22.4/61 :5755 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
5633.00 5650.00	Peak Peak	50.93 48.75	8.20 8.08	59.13 56.83	68.20 68.20	-9.07 -11.37
5700.00	Peak	48.33	8.02	56.35	105.20	-48.85
5720.00	Peak	49.83	8.10	57.93	110.80	-52.87
5725.00	Peak	49.77	8.12	57.89	122.20	-64.31

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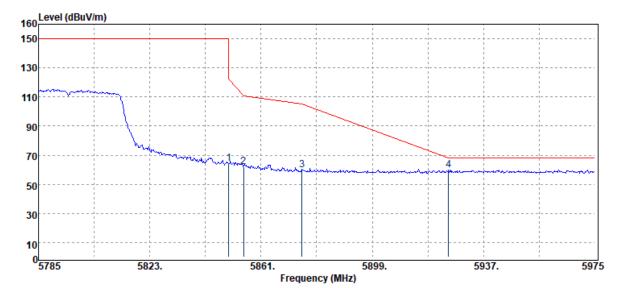
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-15

Test Frequency :5795 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
IVII IZ	FIVQF/AV	чъμν	uБ	ασμν/π	иврулп	иь
5850.00	Peak	55.13	9.02	64.15	122.20	-58.05
5855.00	Peak	52.98	9.07	62.05	110.80	-48.75
5875.00	Peak	50.78	9.27	60.05	105.20	-45.15
5925.00	Peak	50.05	9.70	59.75	68.20	-8.45

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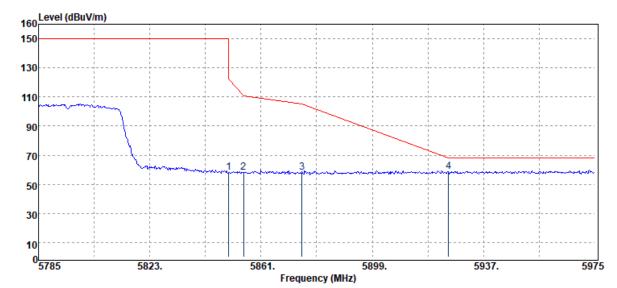
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-15

Test Frequency :5795 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5850.00	Peak	49.16	9.02	58.18	122.20	-64.02
5855.00	Peak	49.15	9.07	58.22	110.80	-52.58
5875.00	Peak	48.72	9.27	57.99	105.20	-47.21
5925.00	Peak	48.80	9.70	58.50	68.20	-9.70

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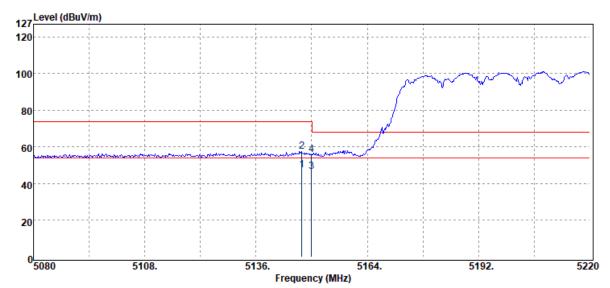
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-15 :802.11ac80

Test Frequency Temp./Humi. :22.4/61 :5210 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
				а_р.т,	p. 17,111	
5147.48	Average	38.91	8.54	47.45	54.00	-6.55
5147.48	Peak	49.09	8.54	57.63	74.00	-16.37
5150.00	Average	38.13	8.53	46.66	54.00	-7.34
5150.00	Peak	47.37	8.53	55.90	74.00	-18.10

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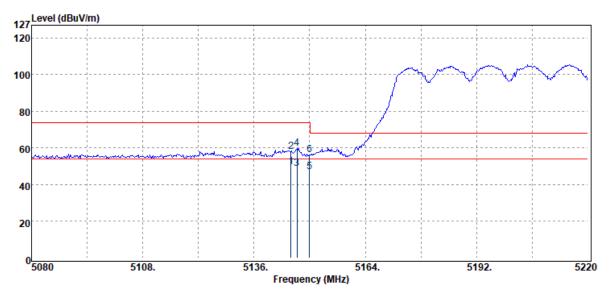
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-15

Test Frequency :5210 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
5145.30	Average	41.02	8.54	49.56	54.00	-4.44
5145.30	Peak	49.46	8.54	58.00	74.00	-16.00
5146.78	Average	40.22	8.53	48.75	54.00	-5.25
5146.78	Peak	51.06	8.53	59.59	74.00	-14.41
5150.00	Average	38.32	8.53	46.85	54.00	-7.15
5150.00	Peak	47.66	8.53	56.19	74.00	-17.81

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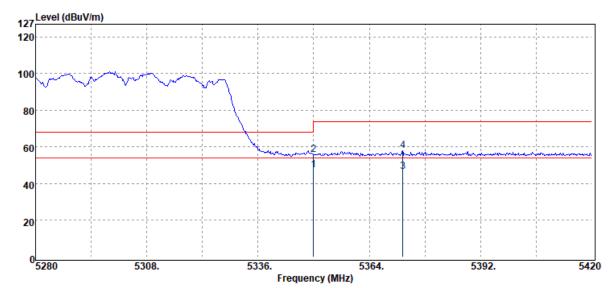
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-15 :802.11ac80

Test Frequency Temp./Humi. :22.4/61 :5290 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		·		•	•	
5350.00	Average	38.61	8.77	47.38	54.00	-6.62
5350.00	Peak	47.02	8.77	55.79	74.00	-18.21
5372.40	Average	37.64	9.05	46.69	54.00	-7.31
5372.40	Peak	48.98	9.05	58.03	74.00	-15.97

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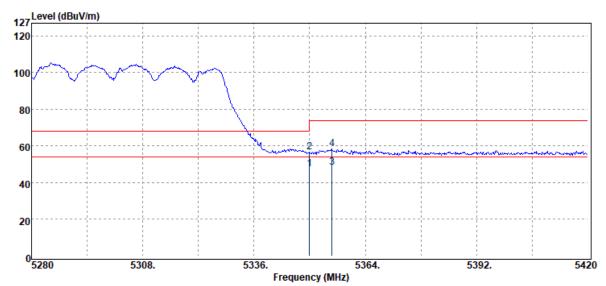
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-15

Test Frequency :5290 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5350.00	Average	38.61	8.77	47.38	54.00	-6.62
5350.00	Peak	48.01	8.77	56.78	74.00	-17.22
5355.60	Average	39.40	8.83	48.23	54.00	-5.77
5355.60	Peak	49.45	8.83	58.28	74.00	-15.72

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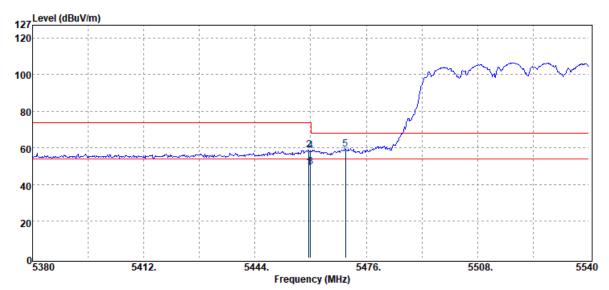
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-15 :802.11ac80

Test Frequency Temp./Humi. :22.4/61 :5530 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
5459.52	Average	39.46	9.63	49.09	54.00	-4.91
	•					_
5459.52	Peak	49.31	9.63	58.94	74.00	-15.06
5460.00	Average	39.90	9.63	49.53	54.00	-4.47
5460.00	Peak	48.77	9.63	58.40	74.00	-15.60
5470.00	Peak	49.53	9.71	59.24	68.20	-8.96

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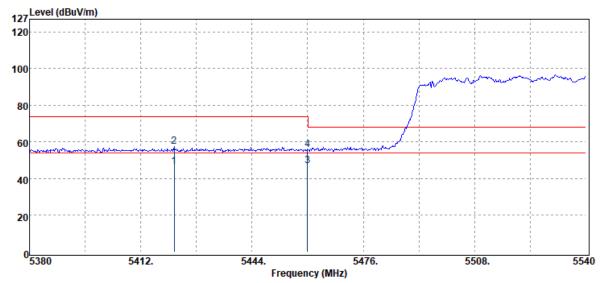
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-15

Test Frequency :5530 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5421.60	Average	37.16	9.48	46.64	54.00	-7.36
5421.60	Peak	47.91	9.48	57.39	74.00	-16.61
5460.00	Average	37.24	9.63	46.87	54.00	-7.13
5460.00	Peak	46.10	9.63	55.73	74.00	-18.27

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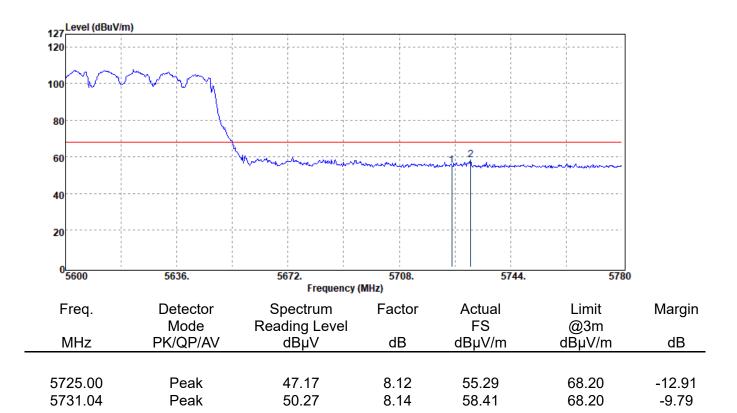
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-15

Test Frequency :5610 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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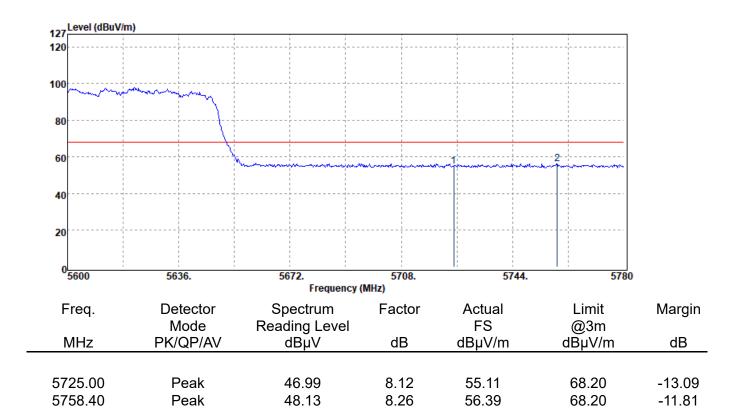
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-15

Test Frequency :5610 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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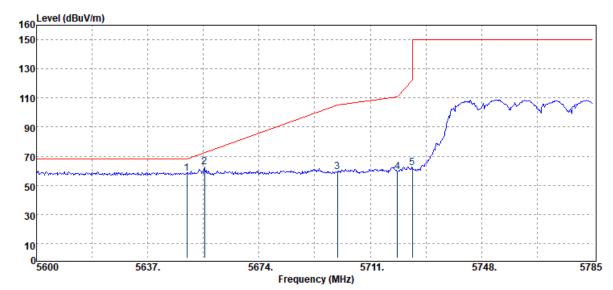
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-15 :802.11ac80

Test Frequency Temp./Humi. :22.4/61 :5775 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
5650.00	Peak	50.27	8.08	58.35	68.20	-9.85
5655.87	Peak	54.45	8.07	62.52	72.54	-10.02
5700.00	Peak	51.37	8.02	59.39	105.20	-45.81
5720.00	Peak	51.33	8.10	59.43	110.80	-51.37
5725.00	Peak	53.63	8.12	61.75	122.20	-60.45

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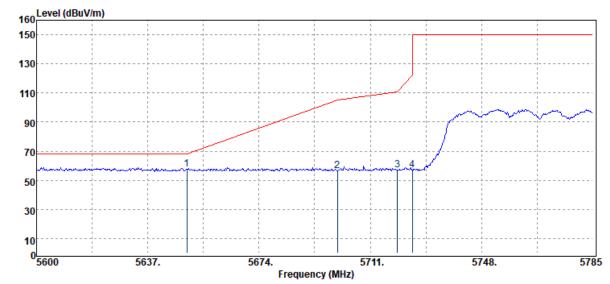
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-15 :802.11ac80

Test Frequency Temp./Humi. :22.4/61 :5775 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5650.00	Peak	49.63	8.08	57.71	68.20	-10.49
5700.00	Peak	48.70	8.02	56.72	105.20	-48.48
5720.00	Peak	49.01	8.10	57.11	110.80	-53.69
5725.00	Peak	48.70	8.12	56.82	122.20	-65.38

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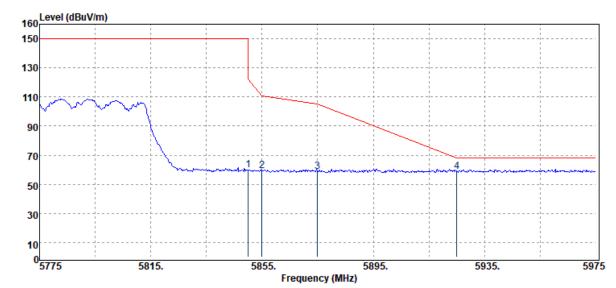
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-15 :802.11ac80

Test Frequency Temp./Humi. :22.4/61 :5775 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
				-		
5850.00	Peak	50.90	9.02	59.92	122.20	-62.28
5855.00	Peak	50.39	9.07	59.46	110.80	-51.34
5875.00	Peak	49.18	9.27	58.45	105.20	-46.75
5925.00	Peak	48.90	9.70	58.60	68.20	-9.60

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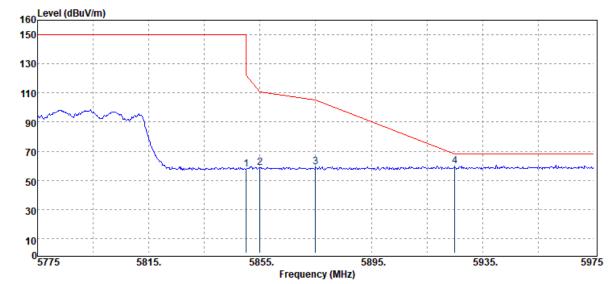
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-15

Test Frequency :5775 MHz Temp./Humi. :22.4/61

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5850.00	Peak	48.76	9.02	57.78	122.20	-64.42
5855.00	Peak	49.67	9.07	58.74	110.80	-52.06
5875.00	Peak	49.71	9.27	58.98	105.20	-46.22
5925.00	Peak	50.15	9.70	59.85	68.20	-8.35

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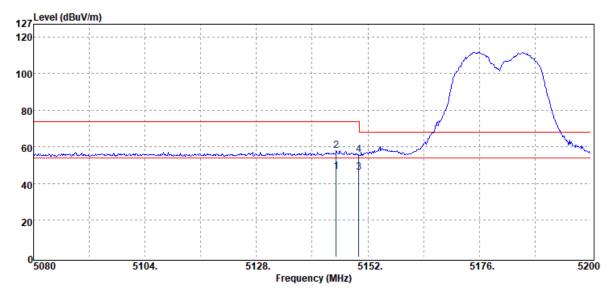
Test Site Report Number :ER-2021-20085 :SAC III Chamber

Operation Mode :802.11ax20 RU full **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5180 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
				p	p	
5145.16	Average	38.08	8.54	46.62	54.00	-7.38
5145.16	Peak	49.44	8.54	57.98	74.00	-16.02
5150.00	Average	37.51	8.53	46.04	54.00	-7.96
5150.00	Peak	47.19	8.53	55.72	74.00	-18.28

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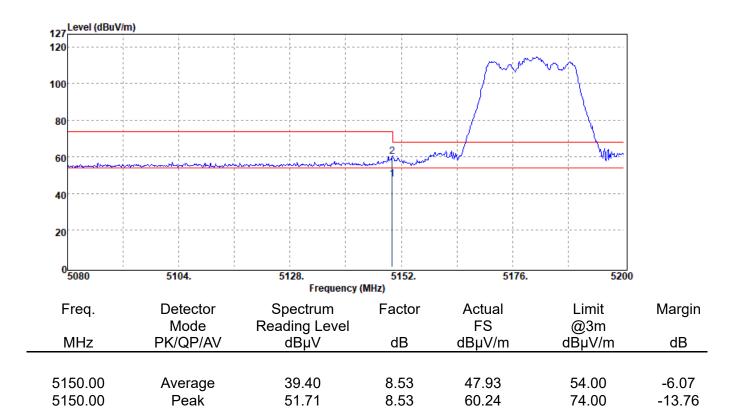
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 RU full Test Date :2021-03-16

Test Frequency :5180 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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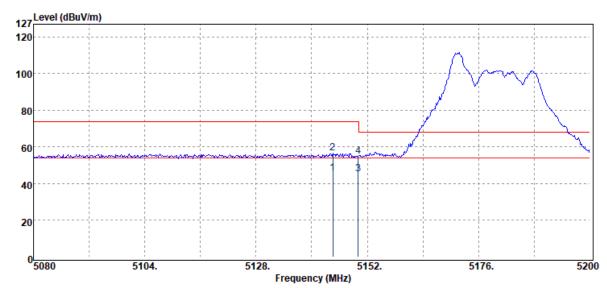
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 RU 26/0 Test Date :2021-03-16

Test Frequency :5180 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
	11001710	<u> </u>	<u> </u>	45,	45,47	
5144.56	Average	36.99	8.54	45.53	54.00	-8.47
5144.56	Peak	48.00	8.54	56.54	74.00	-17.46
5150.00	Average	36.89	8.53	45.42	54.00	-8.58
5150.00	Peak	46.53	8.53	55.06	74.00	-18.94

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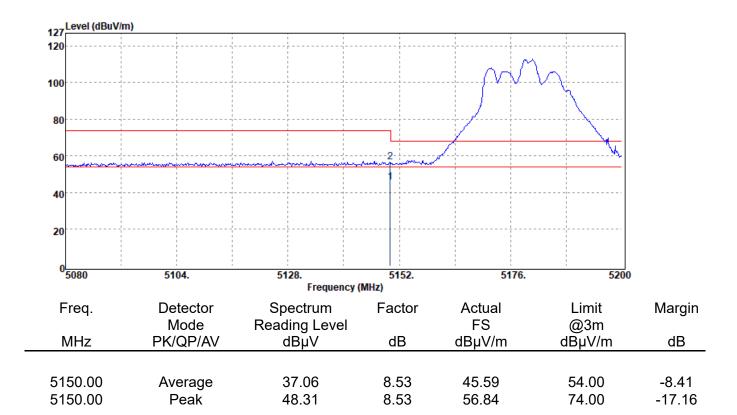
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 RU 26/0 Test Date :2021-03-16

Test Frequency :5180 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085

Operation Mode :802.11ax20 RU 52/37

Test Frequency :5180 MHz

Test Mode :Bandedge CH Low

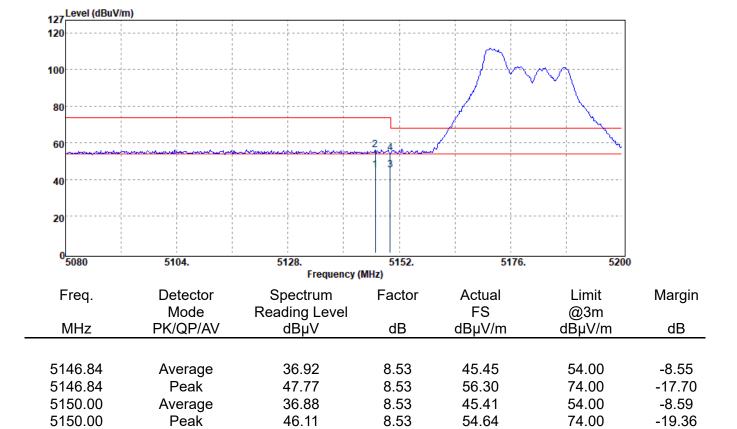
EUT Pol :H Plane **Test Site** :SAC III Chamber

Test Date :2021-03-16

:22.7/63 Temp./Humi.

Antenna Pol. :VERTICAL

Engineer :Ricky



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Report Number :ER-2021-20085

Operation Mode :802.11ax20 RU 52/37

Test Frequency :5180 MHz

Test Mode :Bandedge CH Low

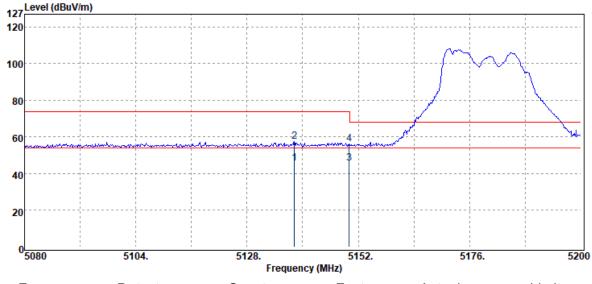
EUT Pol :H Plane **Test Site** :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :HORIZONTAL

Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		·		•	•	
5138.20	Average	37.23	8.54	45.77	54.00	-8.23
5138.20	Peak	48.81	8.54	57.35	74.00	-16.65
5150.00	Average	37.24	8.53	45.77	54.00	-8.23
5150.00	Peak	47.91	8.53	56.44	74.00	-17.56

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Report Number :ER-2021-20085

Operation Mode :802.11ax20 RU 106.53

Peak

Average

Peak

Test Frequency :5180 MHz

Test Mode :Bandedge CH Low

EUT Pol :H Plane

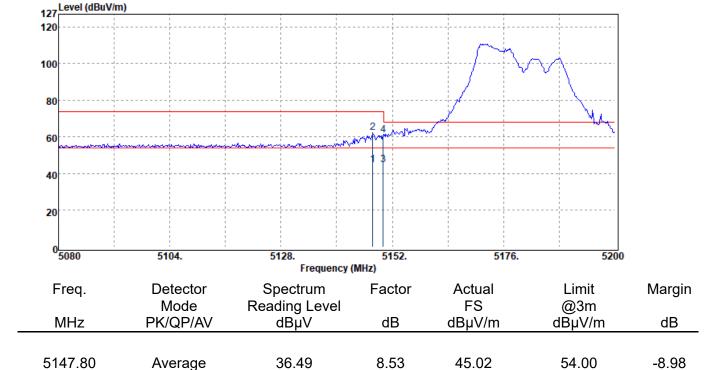
Test Site :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :VERTICAL

Engineer :Ricky



8.53

8.53

8.53

62.22

44.98

60.88

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53.69

36.45

52.35

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5147.80

5150.00

5150.00

74.00

54.00

74.00

-11.78

-9.02

-13.12



:22.7/63

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Temp./Humi.

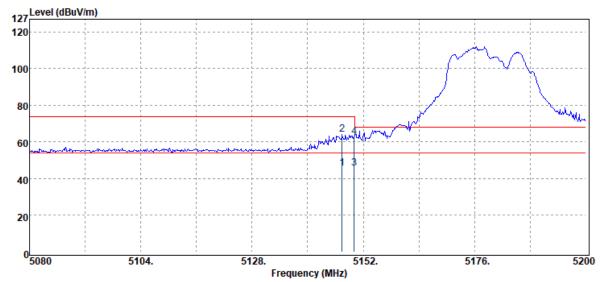
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 RU 106.53 Test Date :2021-03-16

Test Frequency :5180 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5147.44	Average	37.14	8.54	45.68	54.00	-8.32
5147.44	Peak	55.78	8.54	64.32	74.00	-9.68
5150.00	Average	37.22	8.53	45.75	54.00	-8.25
5150.00	Peak	54.25	8.53	62.78	74.00	-11.22

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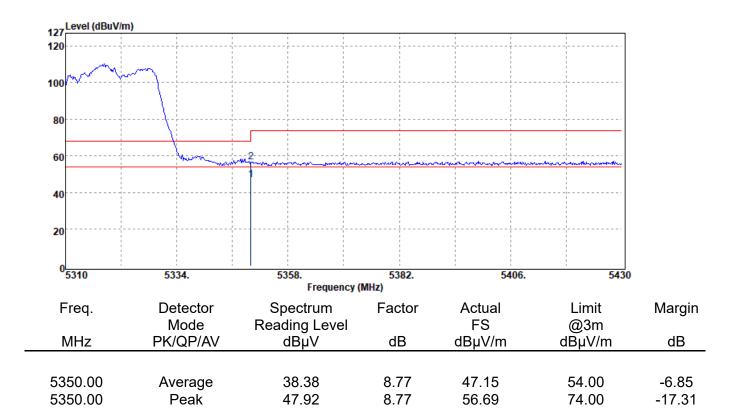
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 RU full Test Date :2021-03-16

Test Frequency :5320 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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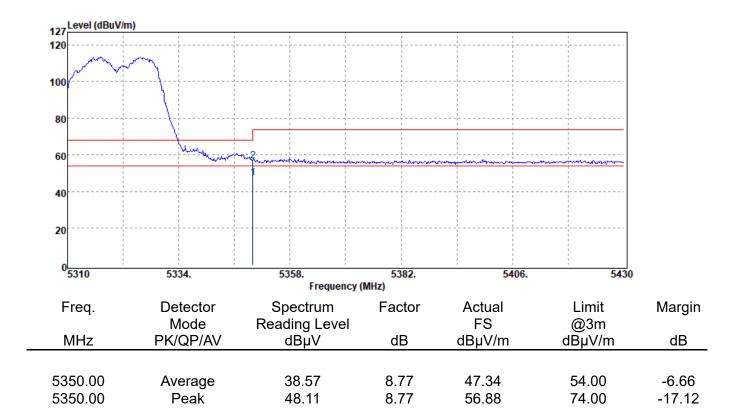
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU full **Test Date** :2021-03-16

Test Frequency :5320 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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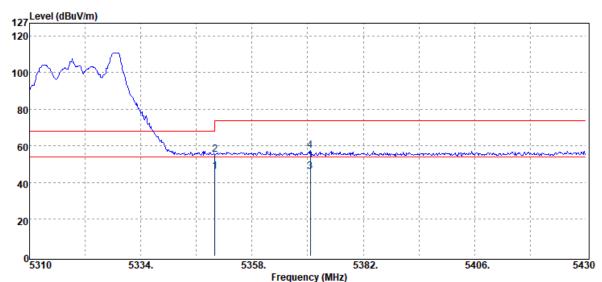
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU 26/8 Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5320 MHz

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



,								
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin		
MHz	PK/QP/AV	dΒμ̈V	dB	dBµV/m	dΒμV/m	dB		
5350.00	Average	37.40	8.77	46.17	54.00	-7.83		
5350.00	Peak	46.64	8.77	55.41	74.00	-18.59		
5370.60	Average	37.09	9.03	46.12	54.00	-7.88		
5370.60	Peak	48.50	9.03	57.53	74.00	-16.47		

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Report Number :ER-2021-20085 Test Site

Operation Mode :802.11ax20 RU 26/8

Test Frequency :5320 MHz

Test Mode :Bandedge CH High

EUT Pol :H Plane

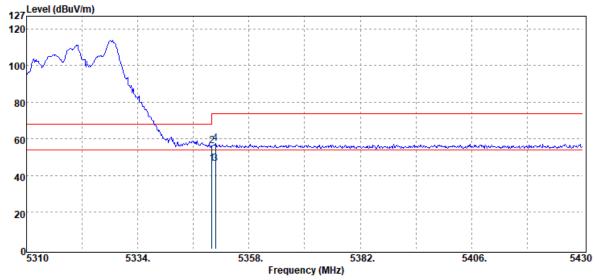
Test Site :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :HORIZONTAL

Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		<u> </u>		-	-	
5350.00	Average	37.71	8.77	46.48	54.00	-7.52
5350.00	Peak	47.30	8.77	56.07	74.00	-17.93
5350.80	Average	37.78	8.76	46.54	54.00	-7.46
5350.80	Peak	48.94	8.76	57.70	74.00	-16.30

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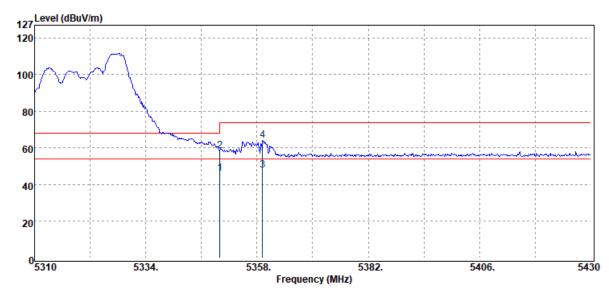
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU 52/40 Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5320 MHz

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
PK/QP/AV	αΒμV	aВ	dBµV/m	dBµV/m	dB
Average	37.20	8.77	45.97	54.00	-8.03
Peak	49.74	8.77	58.51	74.00	-15.49
Average Peak	39.08 55.11	8.89 8.89	47.97 64.00	54.00 74.00	-6.03 -10.00
	Mode PK/QP/AV Average Peak	Mode Reading Level dBμV Average 37.20 Peak 49.74 Average 39.08	Mode PK/QP/AV Reading Level dBμV dB Average Peak Peak Average Average 39.08 37.20 8.77 8.77 8.77 8.77 8.89	Mode PK/QP/AV Reading Level dBμV FS dBμV/m Average 37.20 8.77 45.97 Peak 49.74 8.77 58.51 Average 39.08 8.89 47.97	Mode PK/QP/AV Reading Level dB μV FS dB μV/m @3m dB μV/m Average 37.20 8.77 45.97 54.00 Peak 49.74 8.77 58.51 74.00 Average 39.08 8.89 47.97 54.00

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Report Number :ER-2021-20085

Operation Mode :802.11ax20 RU 52/40

Test Frequency :5320 MHz

Test Mode :Bandedge CH High

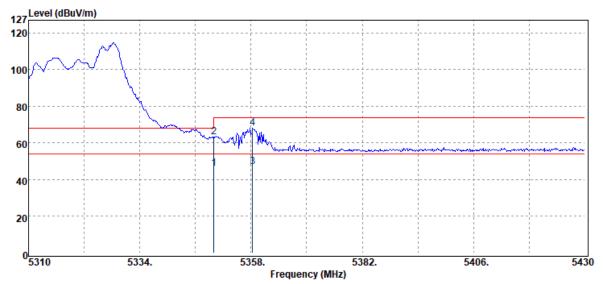
EUT Pol :H Plane **Test Site** :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :HORIZONTAL

Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		<u> </u>		-	-	
5350.00	Average	37.45	8.77	46.22	54.00	-7.78
5350.00	Peak	54.65	8.77	63.42	74.00	-10.58
5358.36	Average	38.35	8.87	47.22	54.00	-6.78
5358.36	Peak	59.38	8.87	68.25	74.00	-5.75

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Report Number :ER-2021-20085 Test Site

Operation Mode :802.11ax20 RU 106/54 Test D

Test Frequency :5320 MHz

Test Mode :Bandedge CH High

EUT Pol :H Plane

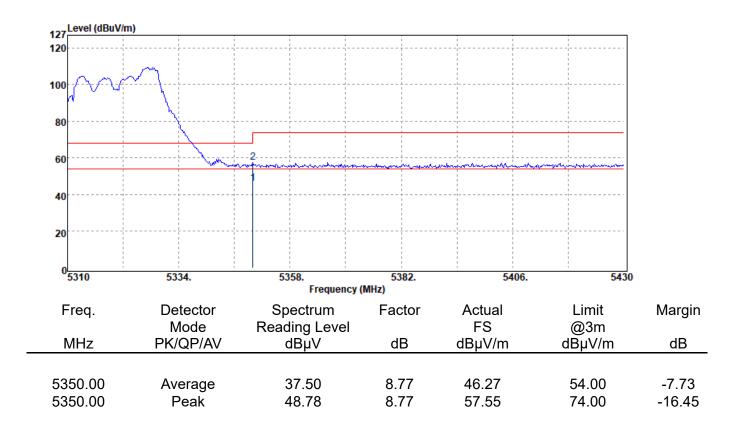
Test Site :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :VERTICAL

Engineer :Ricky



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Report Number :ER-2021-20085

Operation Mode :802.11ax20 RU 106/54

Test Frequency :5320 MHz

Test Mode :Bandedge CH High

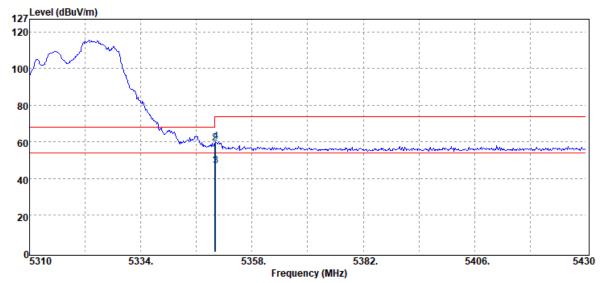
EUT Pol :H Plane **Test Site** :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :HORIZONTAL

Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5350.00	Average	38.09	8.77	46.86	54.00	-7.14
5350.00	Peak	50.61	8.77	59.38	74.00	-14.62
5350.20	Average	38.13	8.77	46.90	54.00	-7.10
5350.20	Peak	51.37	8.77	60.14	74.00	-13.86

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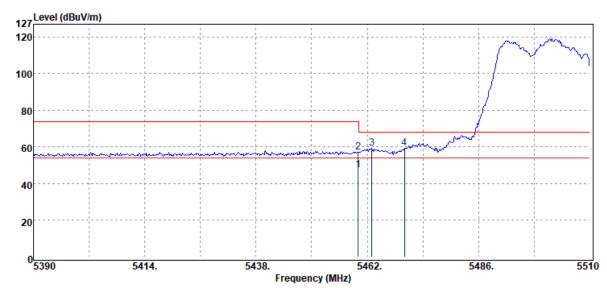
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU full Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5500 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5460.00	Average	38.03	9.63	47.66	54.00	-6.34
5460.00	Peak	47.53	9.63	57.16	74.00	-16.84
5462.96	Peak	49.46	9.65	59.11	68.20	-9.09
5470.00	Peak	49.55	9.71	59.26	68.20	-8.94

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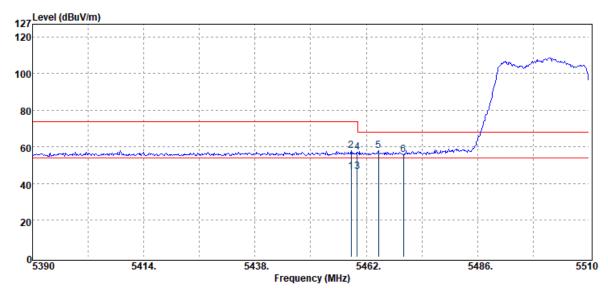
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU full **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5500 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Spectrum Reading Level V dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
·		•	•	_
36.89	9.63	46.52	54.00	-7.48
48.17	9.63	57.80	74.00	-16.20
36.92	9.63	46.55	54.00	-7.45
47.30	9.63	56.93	74.00	-17.07
48.19	9.67	57.86	68.20	-10.34
46.17	9.71	55.88	68.20	-12.32
	Reading Level dBµV 36.89 48.17 36.92 47.30 48.19	Reading Level V dB 36.89 9.63 48.17 9.63 48.17 9.63 47.30 9.63 48.19 9.67	Reading Level dB dBμV/m 36.89 9.63 46.52 48.17 9.63 57.80 36.92 9.63 46.55 47.30 9.63 56.93 48.19 9.67 57.86	Reading Level dB dBμV/m dBμV/m dBμV/m 36.89 9.63 46.52 54.00 48.17 9.63 57.80 74.00 46.55 54.00 47.30 9.63 56.93 74.00 48.19 9.67 57.86 68.20

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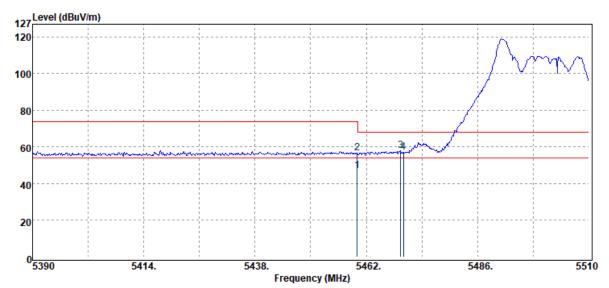
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU 26/0 Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5500 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5460.00	Average	37.29	9.63	46.92	54.00	-7.08
5460.00	Peak	47.16	9.63	56.79	74.00	-17.21
5469.44	Peak	48.52	9.70	58.22	68.20	-9.98
5470.00	Peak	47.60	9.71	57.31	68.20	-10.89

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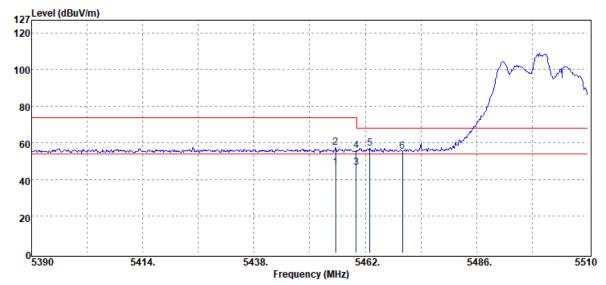
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU 26/0 **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5500 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
5455.64	Average	36.94	9.60	46.54	54.00	-7.46
5455.64	Peak	48.13	9.60	57.73	74.00	-16.27
5460.00	Average	36.79	9.63	46.42	54.00	-7.58
5460.00	Peak	46.24	9.63	55.87	74.00	-18.13
5462.96	Peak	47.56	9.65	57.21	68.20	-10.99
5470.00	Peak	45.69	9.71	55.40	68.20	-12.80

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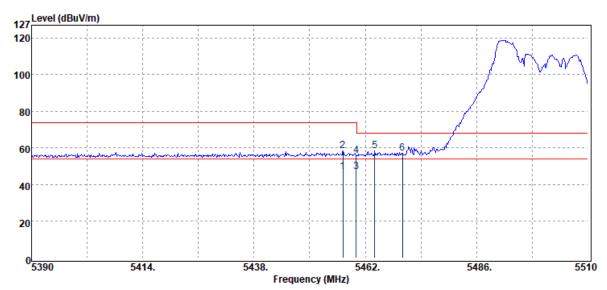
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU 52/37 Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5500 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		·		-	-	
5457.20	Average	37.47	9.62	47.09	54.00	-6.91
5457.20	Peak	49.01	9.62	58.63	74.00	-15.37
5460.00	Average	37.38	9.63	47.01	54.00	-6.99
5460.00	Peak	46.38	9.63	56.01	74.00	-17.99
5464.04	Peak	48.59	9.66	58.25	68.20	-9.95
5470.00	Peak	47.45	9.71	57.16	68.20	-11.04

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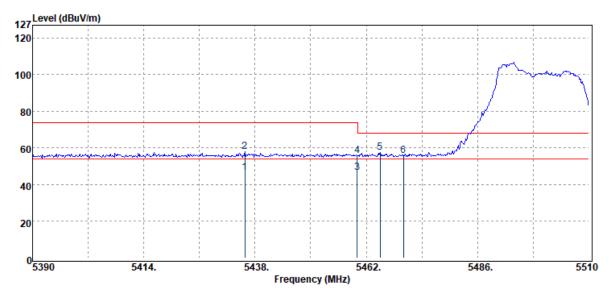
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 RU 52/37 Test Date :2021-03-16

Test Frequency :5500 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		•		•	'	
5435.84	Average	36.92	9.53	46.45	54.00	-7.55
5435.84	Peak	48.36	9.53	57.89	74.00	-16.11
5460.00	Average	36.79	9.63	46.42	54.00	-7.58
5460.00	Peak	46.21	9.63	55.84	74.00	-18.16
5465.00	Peak	47.69	9.67	57.36	68.20	-10.84
5470.00	Peak	46.08	9.71	55.79	68.20	-12.41

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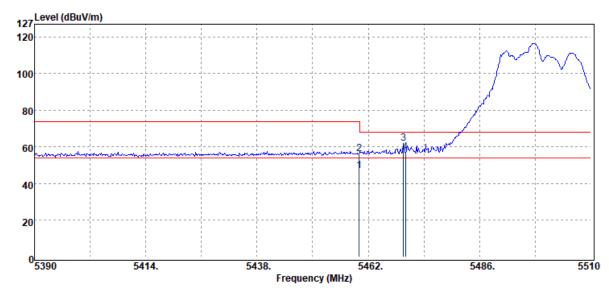
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 RU 106/53 Test Date :2021-03-16

Test Frequency :5500 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		•		•	•	
5460.00	Average	37.38	9.63	47.01	54.00	-6.99
5460.00	Peak	46.61	9.63	56.24	74.00	-17.76
5469.56	Peak	52.31	9.70	62.01	68.20	-6.19
5470.00	Peak	47.24	9.71	56.95	68.20	-11.25

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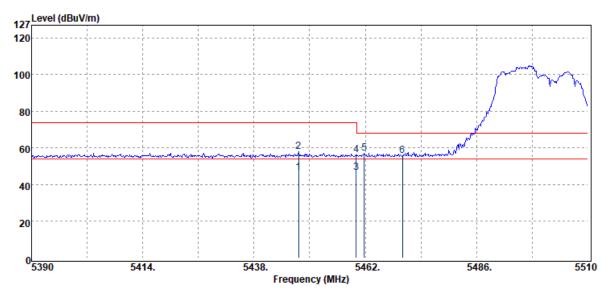
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 RU 106/53 Test Date :2021-03-16

Test Frequency :5500 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
5447.60	Average	37.01	9.56	46.57	54.00	-7.43
5447.60	Peak	48.36	9.56	57.92	74.00	-16.08
5460.00	Average	36.89	9.63	46.52	54.00	-7.48
5460.00	Peak	46.58	9.63	56.21	74.00	-17.79
5461.76	Peak	47.65	9.65	57.30	68.20	-10.90
5470.00	Peak	46.01	9.71	55.72	68.20	-12.48

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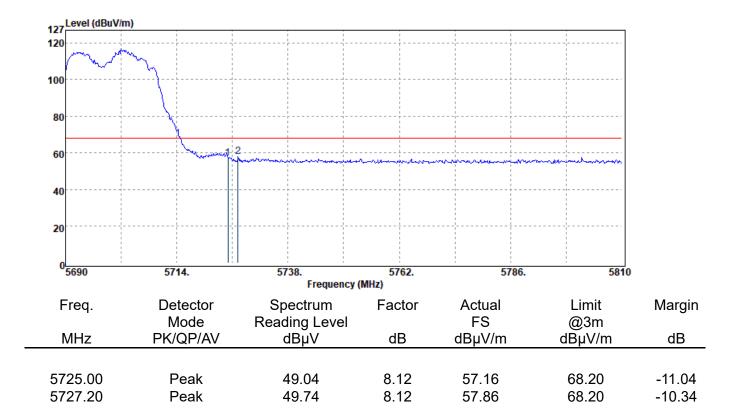
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 RU full Test Date :2021-03-16

Test Frequency :5700 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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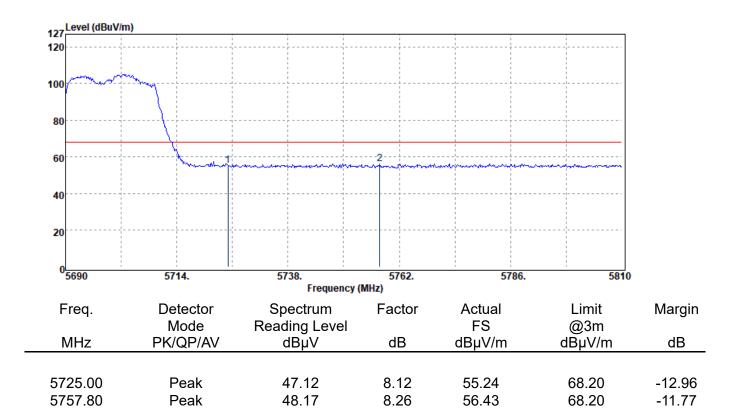
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU full **Test Date** :2021-03-16

Test Frequency :5700 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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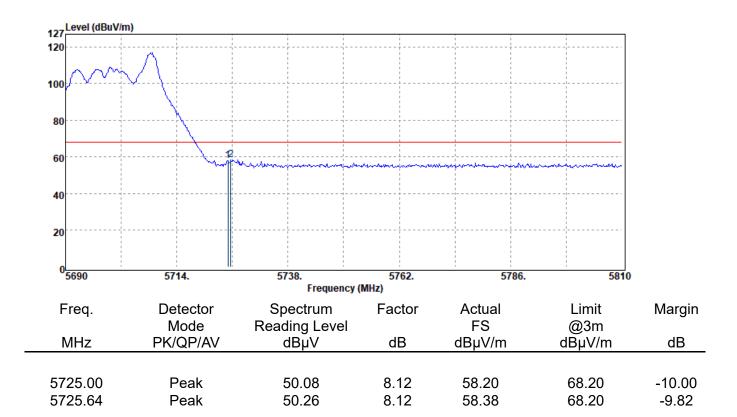
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 RU 26/8 Test Date :2021-03-16

Test Frequency :5700 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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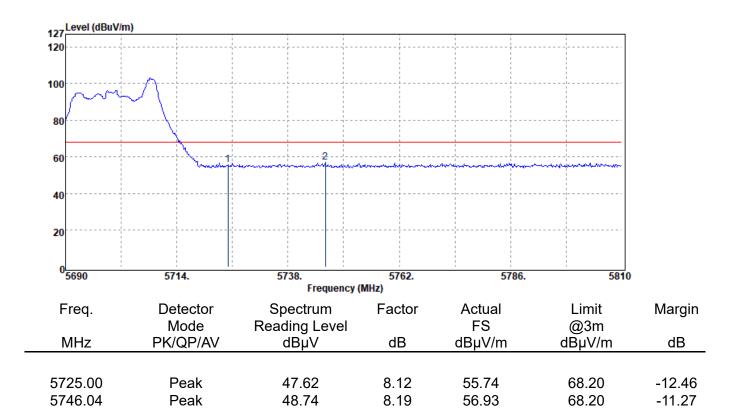
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 RU 26/8 Test Date :2021-03-16

Test Frequency :5700 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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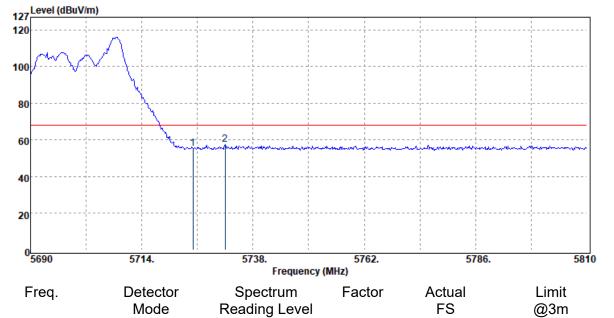
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 RU 52/40 Test Date :2021-03-16

Test Frequency :5700 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dΒμV/m	dB
5725.00	Peak	47.24	8.12	55.36	68.20	-12.84
5732.00	Peak	49.30	8.14	57.44	68.20	-10.76

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 t (886-2) 2299-3279
 f (886-2) 2298-0488
 www.sgs.com.tw



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Report Number :ER-2021-20085

Operation Mode :802.11ax20 RU 52/40

Test Frequency :5700 MHz

Test Mode :Bandedge CH High

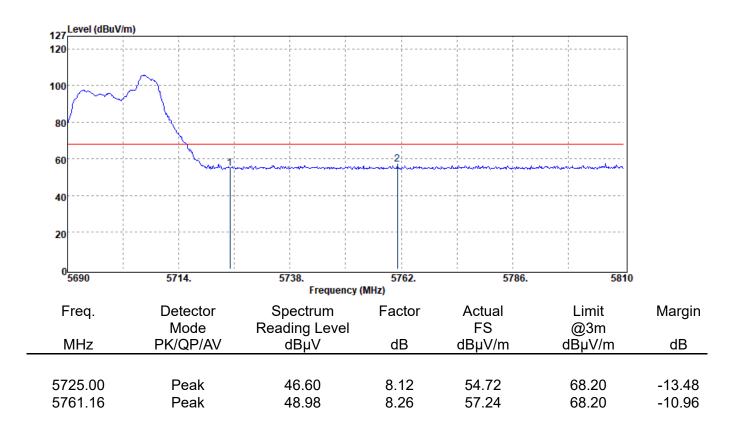
EUT Pol :H Plane **Test Site** :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :HORIZONTAL

Engineer :Ricky



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Report Number :ER-2021-20085

Operation Mode :802.11ax20 RU 106/54

Test Frequency :5700 MHz

Test Mode :Bandedge CH High

EUT Pol :H Plane

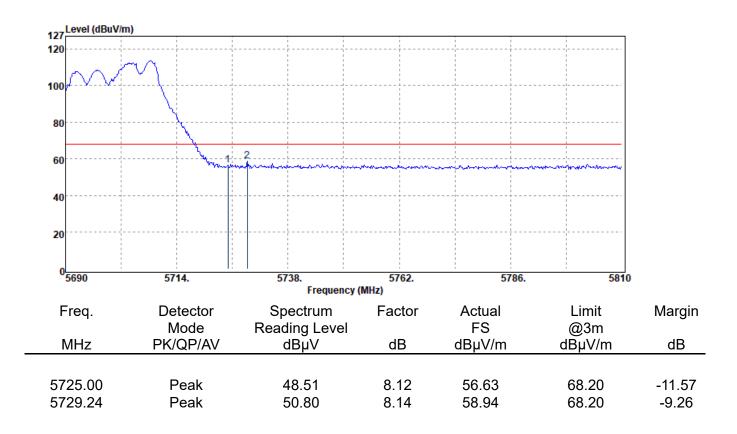
Test Site :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :VERTICAL

Engineer :Ricky



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Report Number :ER-2021-20085

Operation Mode :802.11ax20 RU 106/54

Test Frequency :5700 MHz

Test Mode :Bandedge CH High

EUT Pol :H Plane

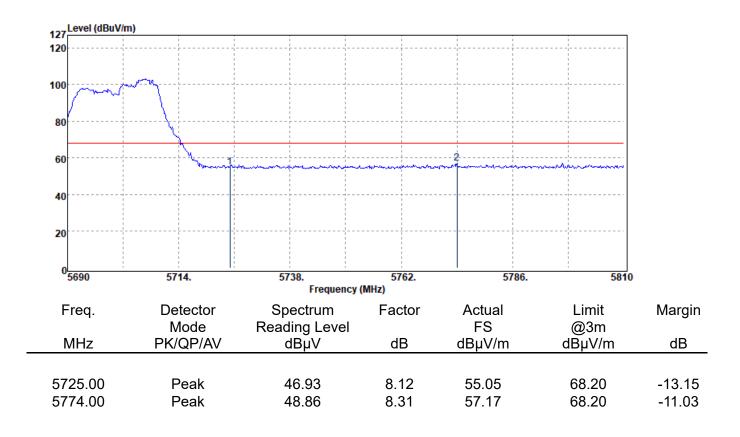
Test Site :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :HORIZONTAL

Engineer :Ricky



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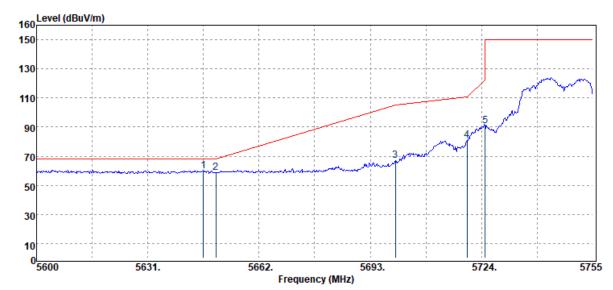
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU full Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5745 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
5646.50	Peak	51.94	8.11	60.05	68.20	-8.15
5650.00	Peak	50.65	8.08	58.73	68.20	-9.47
5700.00	Peak	59.03	8.02	67.05	105.20	-38.15
5720.00	Peak	72.55	8.10	80.65	110.80	-30.15
5725.00	Peak	82.54	8.12	90.66	122.20	-31.54

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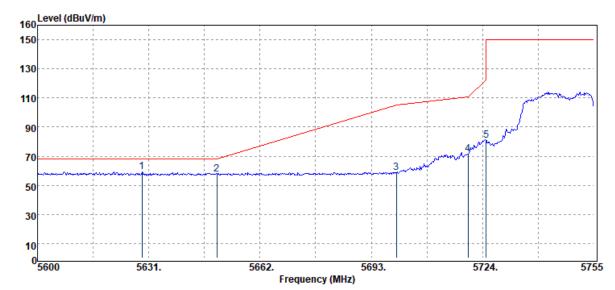
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU full **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5745 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dΒμV/m	dB
5629.14	Peak	51.13	8.23	59.36	68.20	-8.84
5650.00	Peak	49.66	8.08	57.74	68.20	-10.46
5700.00	Peak	50.72	8.02	58.74	105.20	-46.46
5720.00	Peak	63.52	8.10	71.62	110.80	-39.18
5725.00	Peak	72.96	8.12	81.08	122.20	-41.12

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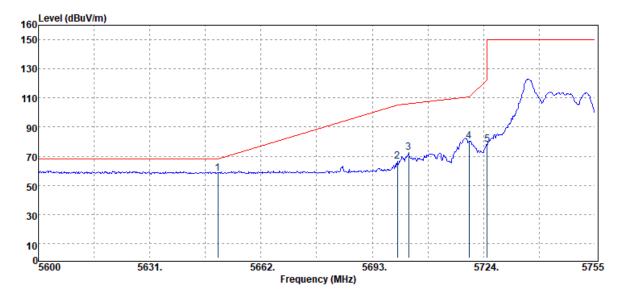
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU 26/0 Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5745 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
5650.00	Peak	50.29	8.08	58.37	68.20	-9.83
5700.00	Peak	58.34	8.02	66.36	105.20	-38.84
5703.08	Peak	64.33	8.04	72.37	106.06	-33.69
5720.00	Peak	71.97	8.10	80.07	110.80	-30.73
5725.00	Peak	69.85	8.12	77.97	122.20	-44.23

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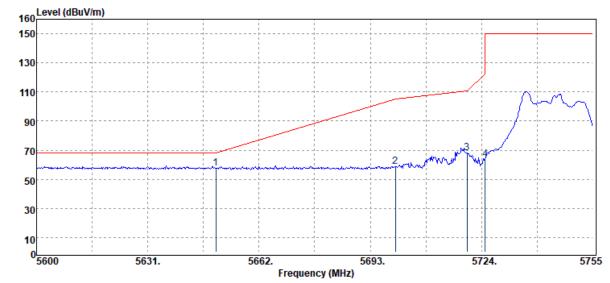
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU 26/0 **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5745 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
				·		
5650.00	Peak	49.42	8.08	57.50	68.20	-10.70
5700.00	Peak	50.77	8.02	58.79	105.20	-46.41
5720.00	Peak	59.86	8.10	67.96	110.80	-42.84
5725.00	Peak	55.76	8.12	63.88	122.20	-58.32

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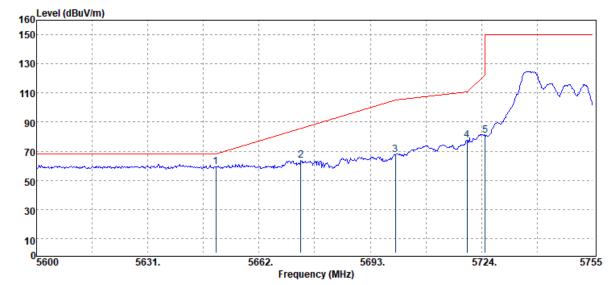
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU 52/37 Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5745 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBμV/m	dB
5650.00	Peak	50.91	8.08	58.99	68.20	-9.21
5673.63	Peak	55.68	8.05	63.73	85.68	-21.95
5700.00	Peak	59.42	8.02	67.44	105.20	-37.76
5720.00	Peak	69.17	8.10	77.27	110.80	-33.53
5725.00	Peak	72.57	8.12	80.69	122.20	-41.51

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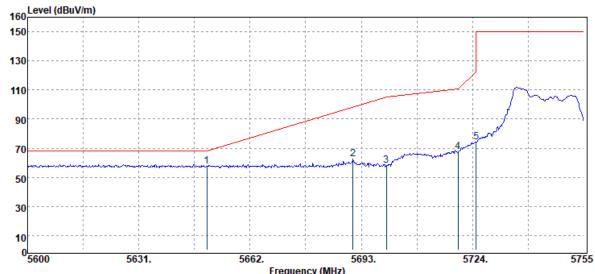
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 RU 52/37 Test Date :2021-03-16

Test Frequency :5745 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



requestey (mile)								
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin		
MHz	PK/QP/AV	dΒμ̈V	dB	dBµV/m	dΒμV/m	dB		
5650.00	Peak	49.61	8.08	57.69	68.20	-10.51		
5690.68	Peak	54.37	8.03	62.40	98.30	-35.90		
5700.00	Peak	49.99	8.02	58.01	105.20	-47.19		
5720.00	Peak	59.46	8.10	67.56	110.80	-43.24		
5725.00	Peak	66.22	8.12	74.34	122.20	-47.86		

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:22.7/63

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Temp./Humi.

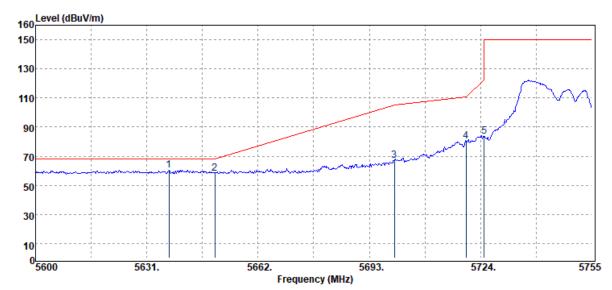
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU 106/54 Test Date :2021-03-16

Test Frequency :5745 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
5637.20	Peak	52.23	8.18	60.41	68.20	-7.79
5650.00	Peak	50.24	8.08	58.32	68.20	-9.88
5700.00	Peak	58.88	8.02	66.90	105.20	-38.30
5720.00	Peak	71.92	8.10	80.02	110.80	-30.78
5725.00	Peak	75.54	8.12	83.66	122.20	-38.54

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Report Number :ER-2021-20085

Operation Mode :802.11ax20 RU 106/54

Test Frequency :5745 MHz

Test Mode :Bandedge CH Low

EUT Pol :H Plane

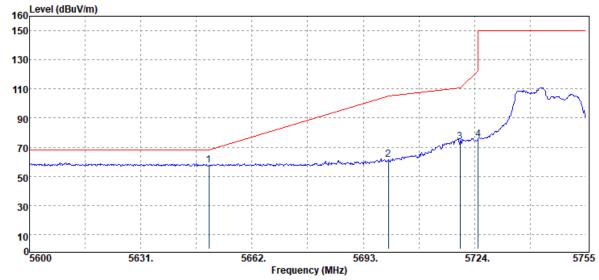
Test Site :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :HORIZONTAL

Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
				-		
5650.00	Peak	49.55	8.08	57.63	68.20	-10.57
5700.00	Peak	53.21	8.02	61.23	105.20	-43.97
5720.00	Peak	65.37	8.10	73.47	110.80	-37.33
5725.00	Peak	67.37	8.12	75.49	122.20	-46.71

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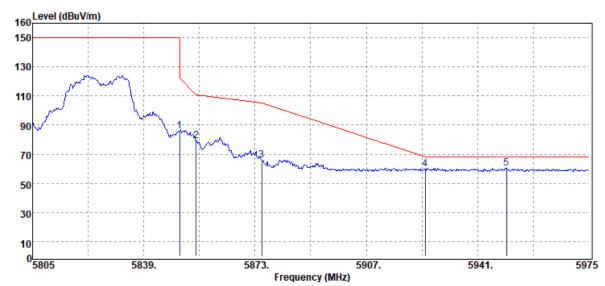
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU full Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5825 MHz

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
1711 12	110/01//10	чори	<u>ub</u>	арру/пі	чорулп	<u>ub</u>
5850.00	Peak	76.63	9.02	85.65	122.20	-36.55
5855.00	Peak	70.27	9.07	79.34	110.80	-31.46
5875.00	Peak	56.67	9.27	65.94	105.20	-39.26
5925.00	Peak	50.07	9.70	59.77	68.20	-8.43
5949.84	Peak	50.69	9.88	60.57	68.20	-7.63

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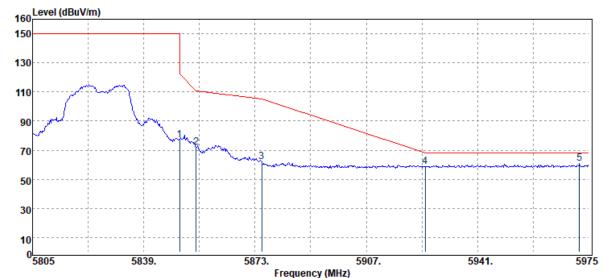
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU full **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5825 MHz

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dΒμV/m	dB
5850.00	Peak	68.17	9.02	77.19	122.20	-45.01
5855.00	Peak	63.16	9.07	72.23	110.80	-38.57
5875.00	Peak	52.58	9.27	61.85	105.20	-43.35
5925.00	Peak	49.02	9.70	58.72	68.20	-9.48
5972.11	Peak	51.16	9.99	61.15	68.20	-7.05

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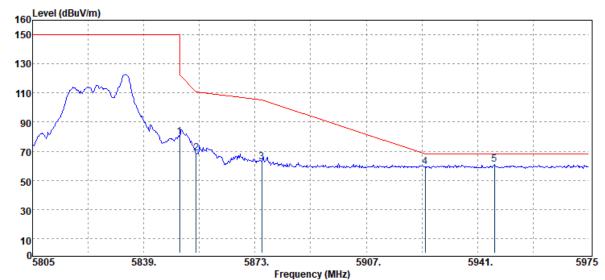
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU 26/8 **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5825 MHz

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



			•			
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dΒμV/m	dB
5850.00	Peak	70.85	9.02	79.87	122.20	-42.33
5855.00	Peak	59.83	9.07	68.90	110.80	-41.90
5875.00	Peak	53.14	9.27	62.41	105.20	-42.79
5925.00	Peak	49.32	9.70	59.02	68.20	-9.18
5946.10	Peak	51.03	9.85	60.88	68.20	-7.32

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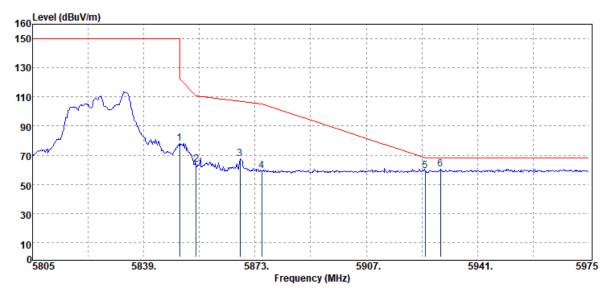
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU 26/8 **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5825 MHz

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
5850.00	Peak	69.28	9.02	78.30	122.20	-43.90
5855.00	Peak	54.84	9.07	63.91	110.80	-46.89
5868.41	Peak	58.53	9.21	67.74	107.05	-39.31
5875.00	Peak	49.80	9.27	59.07	105.20	-46.13
5925.00	Peak	49.49	9.70	59.19	68.20	-9.01
5929.61	Peak	50.66	9.74	60.40	68.20	-7.80

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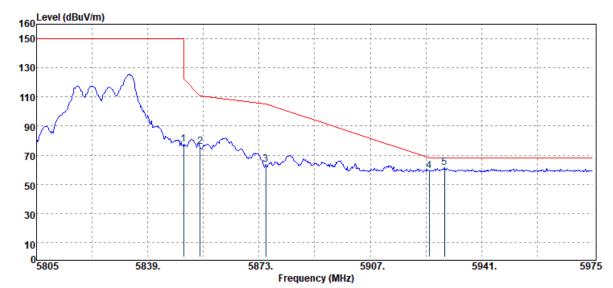
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU 52/40 **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5825 MHz

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
1711 12	111/0/1///	чори	<u>ub</u>	арр ү/ш	αυμν/π	<u> </u>
5850.00	Peak	68.70	9.02	77.72	122.20	-44.48
5855.00	Peak	66.57	9.07	75.64	110.80	-35.16
5875.00	Peak	54.54	9.27	63.81	105.20	-41.39
5925.00	Peak	49.72	9.70	59.42	68.20	-8.78
5929.61	Peak	51.46	9.74	61.20	68.20	-7.00

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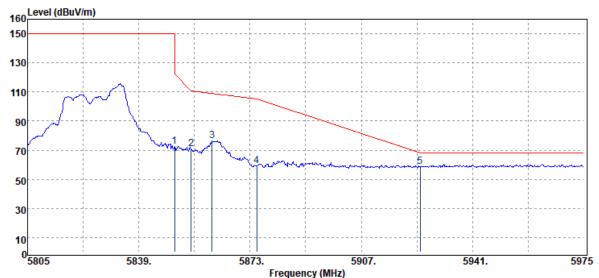
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU 52/40 **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5825 MHz

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin		
MHz	PK/QP/AV	dΒμ̈V	dB	dBµV/m	dΒμV/m	dB		
5850.00	Peak	63.52	9.02	72.54	122.20	-49.66		
5855.00	Peak	61.92	9.07	70.99	110.80	-39.81		
5861.44	Peak	67.20	9.14	76.34	109.00	-32.66		
5875.00	Peak	49.79	9.27	59.06	105.20	-46.14		
5925.00	Peak	48.91	9.70	58.61	68.20	-9.59		

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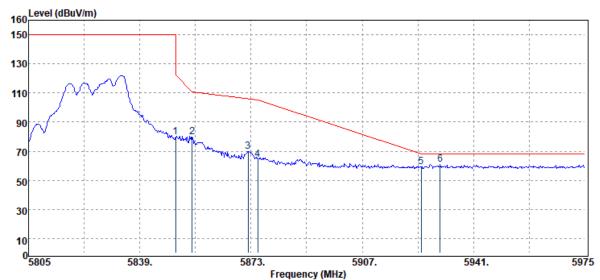
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax20 RU 106/54 **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5825 MHz

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



			•			
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dΒμV/m	dB
5850.00	Peak	70.49	9.02	79.51	122.20	-42.69
5855.00	Peak	70.41	9.07	79.48	110.80	-31.32
5872.15	Peak	60.71	9.24	69.95	106.00	-36.05
5875.00	Peak	55.11	9.27	64.38	105.20	-40.82
5925.00	Peak	49.43	9.70	59.13	68.20	-9.07
5930.80	Peak	51.28	9.74	61.02	68.20	-7.18

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Report Number :ER-2021-20085

Operation Mode :802.11ax20 RU 106/54

Test Frequency :5825 MHz

Test Mode :Bandedge CH High

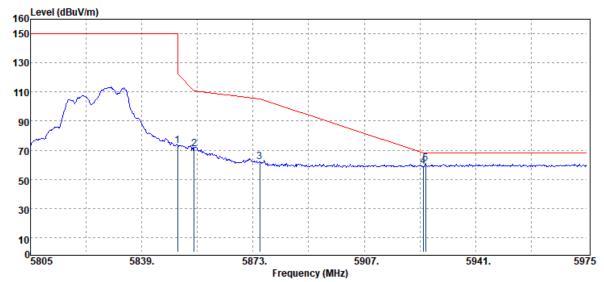
EUT Pol :H Plane **Test Site** :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :HORIZONTAL

Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
1711 12	11001770	чору	<u>ub</u>	αυμν/π	чорулп	<u>ub</u>
5850.00	Peak	63.97	9.02	72.99	122.20	-49.21
5855.00	Peak	61.83	9.07	70.90	110.80	-39.90
5875.00	Peak	52.85	9.27	62.12	105.20	-43.08
5925.00	Peak	49.13	9.70	58.83	68.20	-9.37
5925.70	Peak	51.15	9.71	60.86	68.20	-7.34

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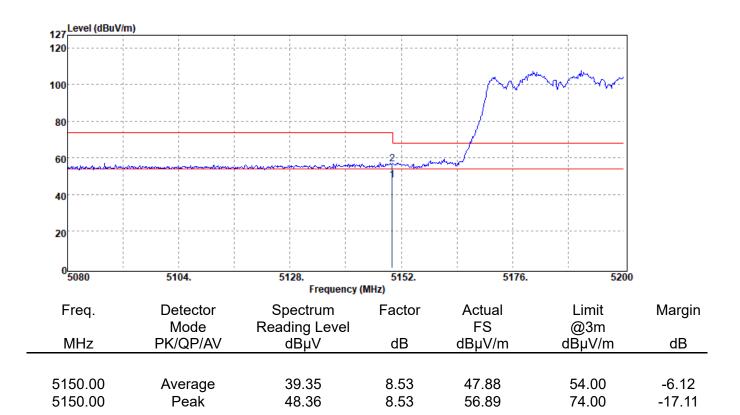
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax40 RU full **Test Date** :2021-03-16

Test Frequency :5190 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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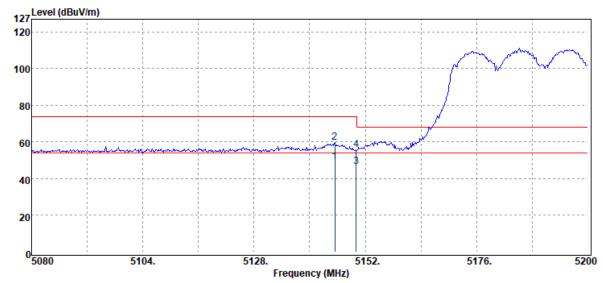
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax40 RU full Test Date :2021-03-16

Test Frequency :5190 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5145.40	Average	40.77	8.54	49.31	54.00	-4.69
5145.40	Peak	51.12	8.54	59.66	74.00	-14.34
5150.00	Average	38.06	8.53	46.59	54.00	-7.41
5150.00	Peak	47.32	8.53	55.85	74.00	-18.15

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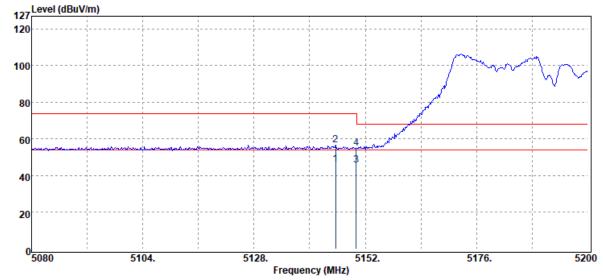
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax40 RU 242/61 **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5190 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5145.64	Average	37.62	8.54	46.16	54.00	-7.84
5145.64	Peak	48.10	8.54	56.64	74.00	-17.36
5150.00	Average	37.34	8.53	45.87	54.00	-8.13
5150.00	Peak	46.46	8.53	54.99	74.00	-19.01

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Report Number :ER-2021-20085

Operation Mode :802.11ax40 RU 242/61

Test Frequency :5190 MHz

Test Mode :Bandedge CH Low

EUT Pol :H Plane

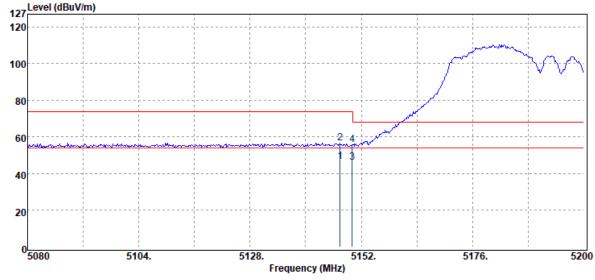
Test Site :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :HORIZONTAL

Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		·		•	•	
5147.44	Average	37.88	8.54	46.42	54.00	-7.58
5147.44	Peak	48.16	8.54	56.70	74.00	-17.30
5150.00	Average	37.61	8.53	46.14	54.00	-7.86
5150.00	Peak	47.20	8.53	55.73	74.00	-18.27

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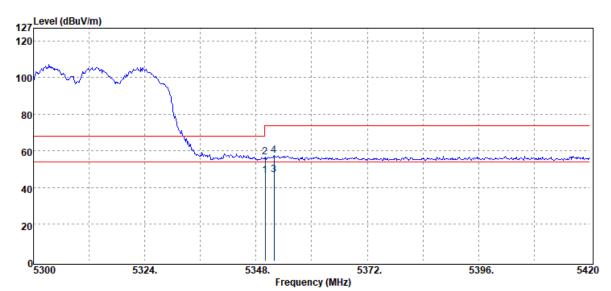
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax40 RU full **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5310 MHz

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5350.00	Average	37.61	8.77	46.38	54.00	-7.62
5350.00	Peak	47.89	8.77	56.66	74.00	-17.34
5351.84	Average	38.39	8.78	47.17	54.00	-6.83
5351.84	Peak	48.90	8.78	57.68	74.00	-16.32

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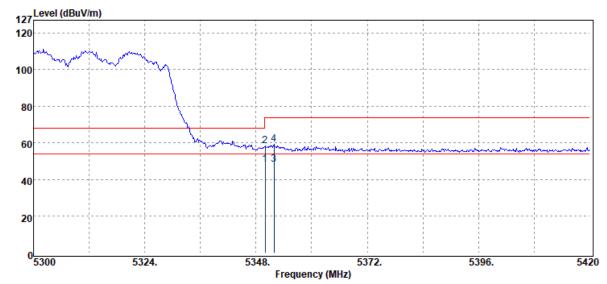
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax40 RU full **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5310 MHz

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		·		•	•	
5350.00	Average	39.42	8.77	48.19	54.00	-5.81
5350.00	Peak	49.50	8.77	58.27	74.00	-15.73
5351.84	Average	39.66	8.78	48.44	54.00	-5.56
5351.84	Peak	50.64	8.78	59.42	74.00	-14.58

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Report Number :ER-2021-20085

Operation Mode :802.11ax40 RU 242/62

Test Frequency :5310 MHz

Test Mode :Bandedge CH High

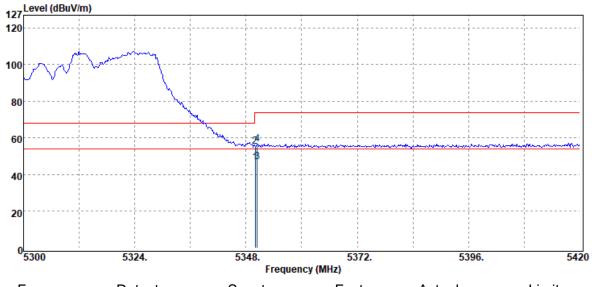
EUT Pol :H Plane **Test Site** :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :VERTICAL

Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
				•	•	
5350.00	Average	37.90	8.77	46.67	54.00	-7.33
5350.00	Peak	46.60	8.77	55.37	74.00	-18.63
5350.40	Average	38.08	8.76	46.84	54.00	-7.16
5350.40	Peak	48.08	8.76	56.84	74.00	-17.16

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Report Number :ER-2021-20085

Operation Mode :802.11ax40 RU 242/62

Test Frequency :5310 MHz

Test Mode :Bandedge CH High

EUT Pol :H Plane

5351.36

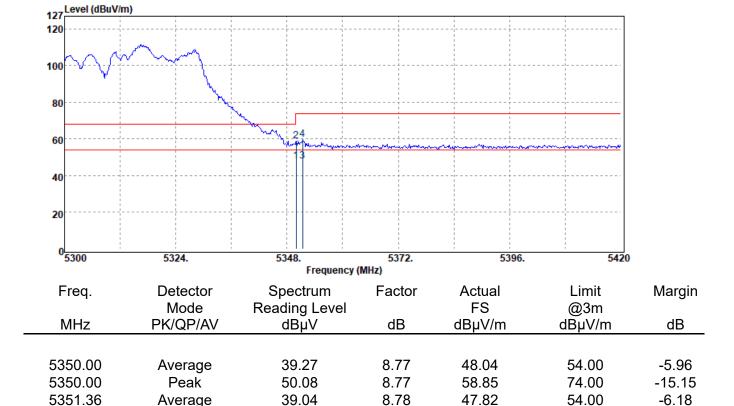
Test Site :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :HORIZONTAL

Engineer :Ricky



8.78

59.95

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51.17

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Peak

74.00

-14.05



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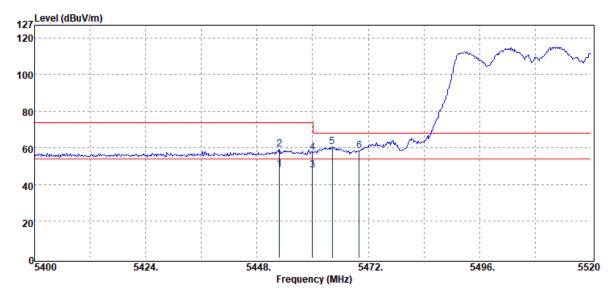
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax40 RU full **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5510 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
5452.80	Average	38.81	9.59	48.40	54.00	-5.60
5452.80	Peak	49.58	9.59	59.17	74.00	-14.83
5460.00	Average	38.42	9.63	48.05	54.00	-5.95
5460.00	Peak	48.07	9.63	57.70	74.00	-16.30
5464.20	Peak	51.05	9.67	60.72	68.20	-7.48
5470.00	Peak	48.68	9.71	58.39	68.20	-9.81

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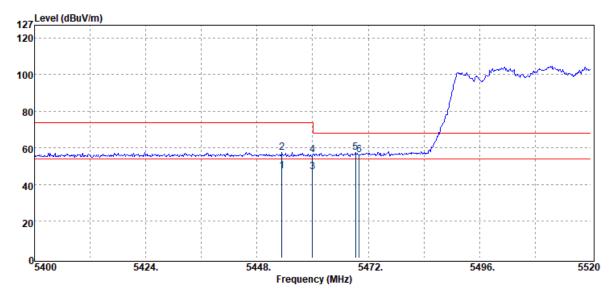
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax40 RU full **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5510 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
5453.40	Average	37.73	9.59	47.32	54.00	-6.68
5453.40	Peak	47.96	9.59	57.55	74.00	-16.45
5460.00	Average	37.60	9.63	47.23	54.00	-6.77
5460.00	Peak	46.77	9.63	56.40	74.00	-17.60
5469.24	Peak	47.80	9.70	57.50	68.20	-10.70
5470.00	Peak	46.36	9.71	56.07	68.20	-12.13

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Report Number :ER-2021-20085

Operation Mode :802.11ax40 RU 242/61

Test Frequency :5510 MHz

Test Mode :Bandedge CH Low

EUT Pol :H Plane

5460.00

5465.64

5470.00

Peak

Peak

Peak

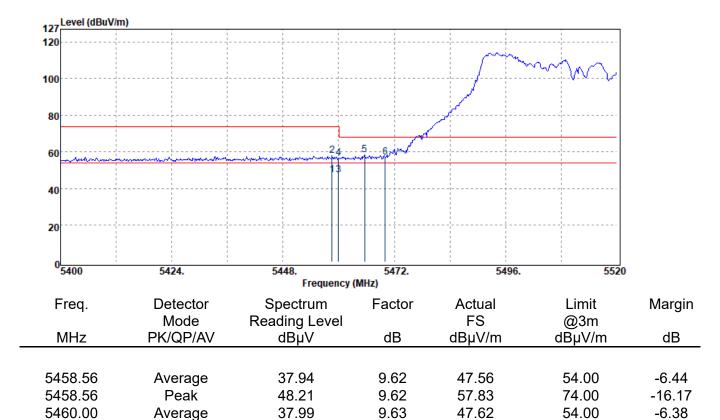
Test Site :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :VERTICAL

Engineer :Ricky



9.63

9.67

9.71

56.73

58.29

56.96

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47.10

48.62

47.25

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 t (886-2) 2299-3279
 f (886-2) 2298-0488
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74.00

68.20

68.20

-17.27

-9.91

-11.24



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Report Number :ER-2021-20085

Operation Mode :802.11ax40 RU 242/61

Test Frequency :5510 MHz

Test Mode :Bandedge CH Low

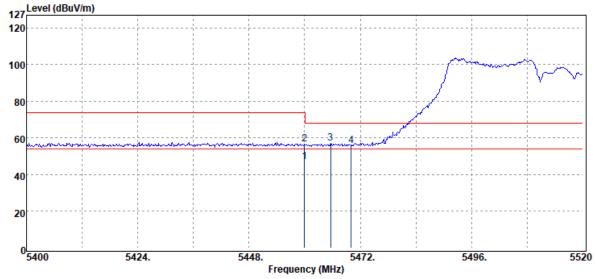
EUT Pol :H Plane **Test Site** :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :HORIZONTAL

Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5460.00	Average	37.26	9.63	46.89	54.00	-7.11
5460.00	Peak	46.85	9.63	56.48	74.00	-17.52
5465.64	Peak	47.41	9.67	57.08	68.20	-11.12
5470.00	Peak	45.90	9.71	55.61	68.20	-12.59

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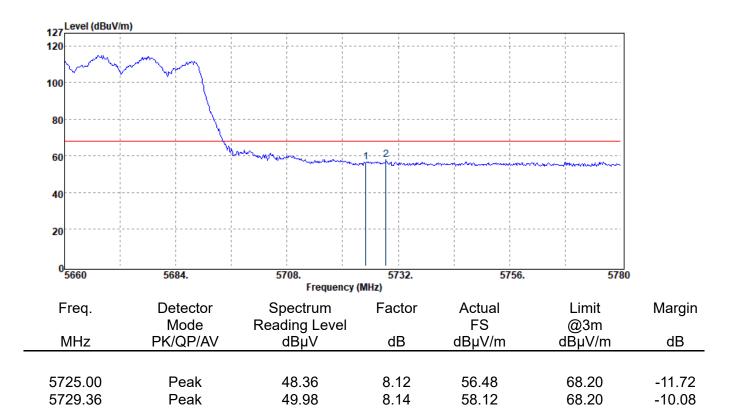
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax40 RU full Test Date :2021-03-16

Test Frequency :5670 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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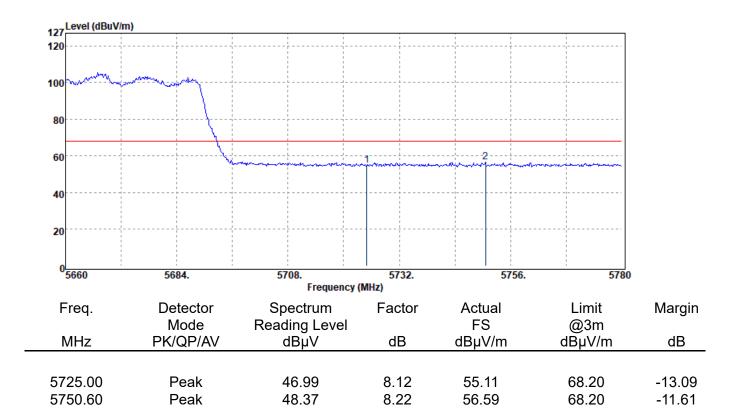
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax40 RU full Test Date :2021-03-16

Test Frequency :5670 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085

Operation Mode :802.11ax40 RU 242/62

Test Frequency :5670 MHz

Test Mode :Bandedge CH High

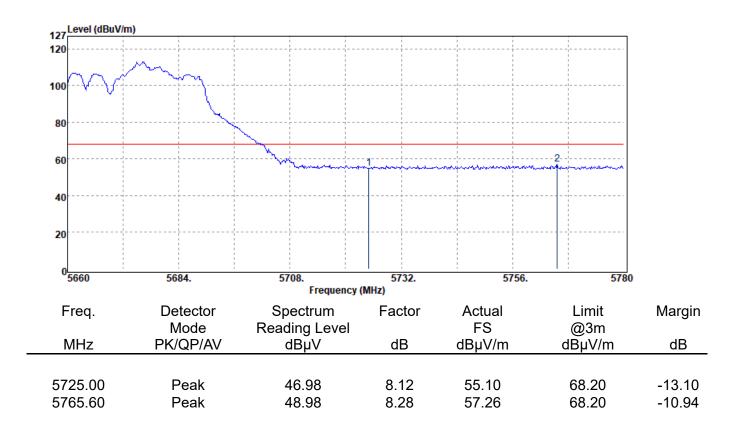
EUT Pol :H Plane **Test Site** :SAC III Chamber

Test Date :2021-03-16

:22.7/63 Temp./Humi.

Antenna Pol. :VERTICAL

Engineer :Ricky



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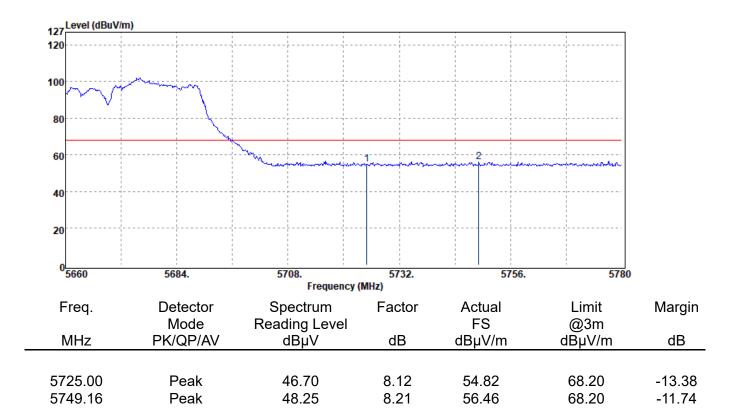
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax40 RU 242/62 Test Date :2021-03-16

Test Frequency :5670 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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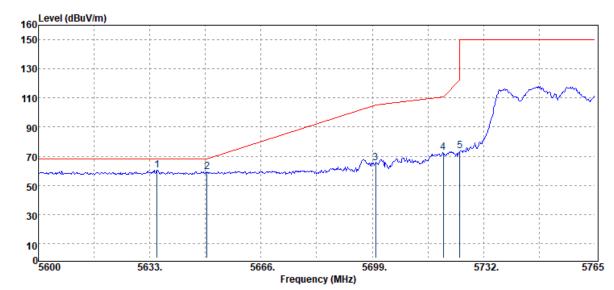
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax40 RU full **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5755 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
5635.15	Peak	52.35	8.19	60.54	68.20	-7.66
5650.00	Peak	51.13	8.08	59.21	68.20	-8.99
5700.00	Peak	57.36	8.02	65.38	105.20	-39.82
5720.00	Peak	64.47	8.10	72.57	110.80	-38.23
5725.00	Peak	65.42	8.12	73.54	122.20	-48.66

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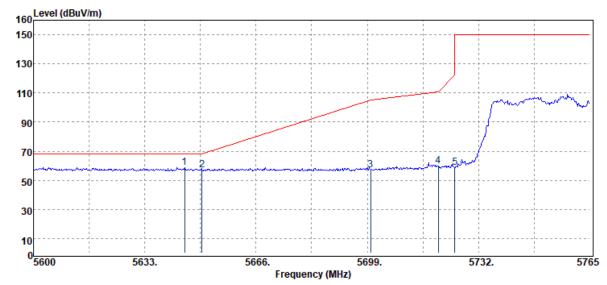
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax40 RU full **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5755 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
5644.88 5650.00	Peak Peak	50.50 48.70	8.12 8.08	58.62 56.78	68.20 68.20	-9.58 -11.42
5700.00	Peak	49.15	8.02	57.17	105.20	-48.03
5720.00	Peak	51.52	8.10	59.62	110.80	-51.18
5725.00	Peak	50.57	8.12	58.69	122.20	-63.51

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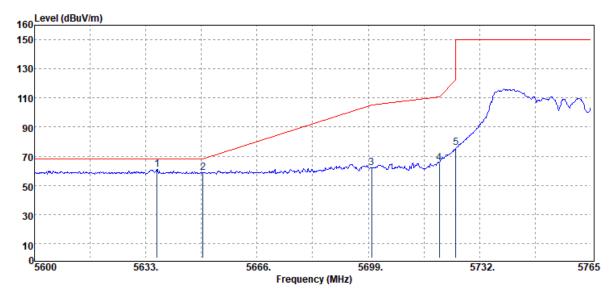
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax40 RU 242/61 **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5755 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
5636.30	Peak	52.97	8.18	61.15	68.20	-7.05
5650.00	Peak	50.34	8.08	58.42	68.20	-9.78
5700.00	Peak	53.83	8.02	61.85	105.20	-43.35
5720.00	Peak	57.34	8.10	65.44	110.80	-45.36
5725.00	Peak	67.55	8.12	75.67	122.20	-46.53

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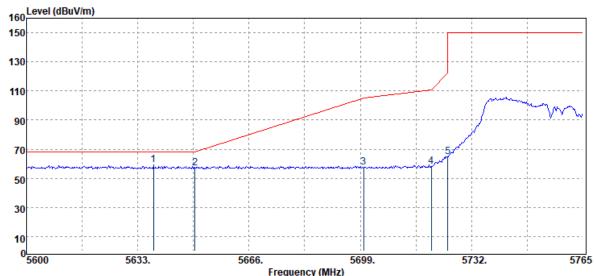
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax40 RU 242/61 **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5755 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin	
 MHz	PK/QP/AV	dΒμ̈V	dB	dBµV/m	dBμV/m	dB	
						_	
5637.62	Peak	51.21	8.17	59.38	68.20	-8.82	
5650.00	Peak	48.81	8.08	56.89	68.20	-11.31	
5700.00	Peak	49.46	8.02	57.48	105.20	-47.72	
5720.00	Peak	49.90	8.10	58.00	110.80	-52.80	
5725.00	Peak	56.82	8.12	64.94	122.20	-57.26	

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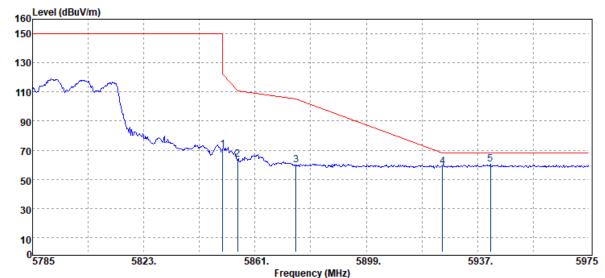
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax40 RU full Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5795 MHz

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



			,			
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμ̈V	dB	dBµV/m	dΒμV/m	dB
5850.00	Peak	61.02	9.02	70.04	122.20	-52.16
5855.00	Peak	54.36	9.07	63.43	110.80	-47.37
5875.00	Peak	50.35	9.27	59.62	105.20	-45.58
5925.00	Peak	49.25	9.70	58.95	68.20	-9.25
5941.37	Peak	50.54	9.82	60.36	68.20	-7.84

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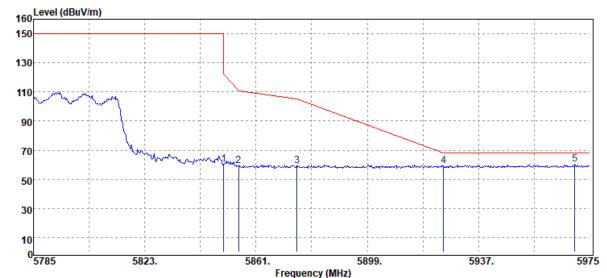
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax40 RU full Test Date :2021-03-16

Test Frequency :5795 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dΒμV/m	dB
5850.00	Peak	51.37	9.02	60.39	122.20	-61.81
5855.00	Peak	50.26	9.07	59.33	110.80	-51.47
5875.00	Peak	49.79	9.27	59.06	105.20	-46.14
5925.00	Peak	49.34	9.70	59.04	68.20	-9.16
5969.87	Peak	50.56	9.98	60.54	68.20	-7.66

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Report Number :ER-2021-20085

Operation Mode :802.11ax40 RU 242/62

Test Frequency :5795 MHz

Test Mode :Bandedge CH High

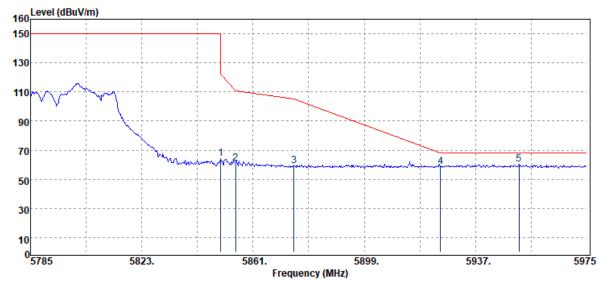
EUT Pol :H Plane **Test Site** :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :VERTICAL

Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
5850.00 5855.00 5875.00 5925.00	Peak Peak Peak Peak	55.02 51.78 50.17 48.97	9.02 9.07 9.27 9.70	64.04 60.85 59.44 58.67	122.20 110.80 105.20 68.20	-58.16 -49.95 -45.76 -9.53
5951.82	Peak	50.37	9.89	60.26	68.20	-7.94

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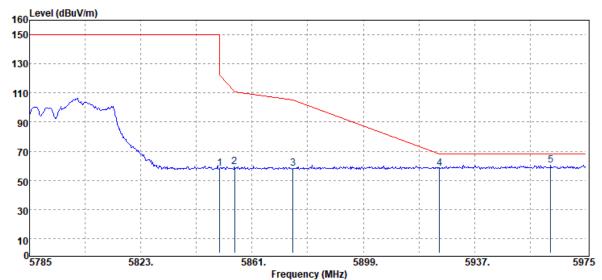
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax40 RU 242/62 **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5795 MHz

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



			•			
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
5850.00	Peak	49.02	9.02	58.04	122.20	-64.16
5855.00	Peak	49.97	9.07	59.04	110.80	-51.76
5875.00	Peak	49.05	9.27	58.32	105.20	-46.88
5925.00	Peak	48.52	9.70	58.22	68.20	-9.98
5963.03	Peak	50.30	9.95	60.25	68.20	-7.95

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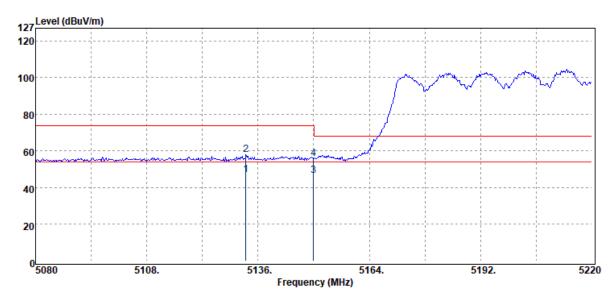
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax80 RU full Test Date :2021-03-16

Test Frequency :5210 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5132.92	Average	38.39	8.55	46.94	54.00	-7.06
5132.92	Peak	49.42	8.55	57.97	74.00	-16.03
5150.00	Average	38.22	8.53	46.75	54.00	-7.25
5150.00	Peak	47.12	8.53	55.65	74.00	-18.35

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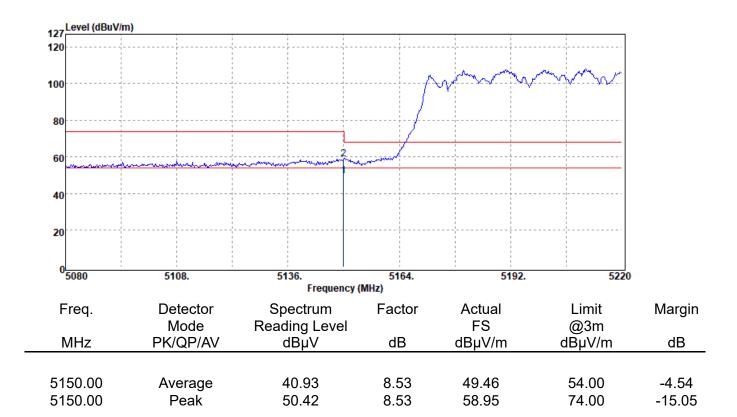
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax80 RU full Test Date :2021-03-16

Test Frequency :5210 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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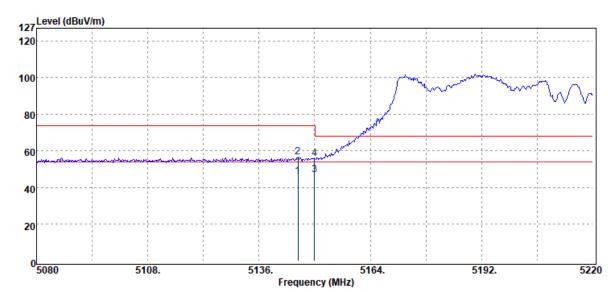
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax80 RU 484/65 Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5210 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
IVII IZ	I IVQI /AV	αυμν	ub	ασμν/π	ασμν/π	<u> </u>
5145.80	Average	37.77	8.54	46.31	54.00	-7.69
5145.80	Peak	47.96	8.54	56.50	74.00	-17.50
5150.00	Average	38.43	8.53	46.96	54.00	-7.04
5150.00	Peak	47.25	8.53	55.78	74.00	-18.22

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Report Number :ER-2021-20085

Operation Mode :802.11ax80 RU 484/65

Test Frequency :5210 MHz

Test Mode :Bandedge CH Low

EUT Pol :H Plane

5150.00

5150.00

Average

Peak

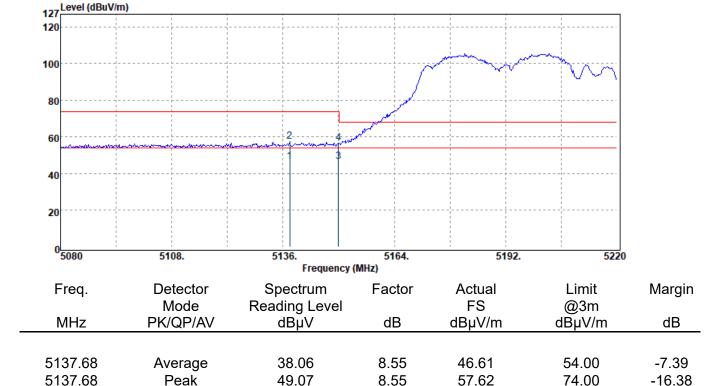
Test Site :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :HORIZONTAL

Engineer :Ricky



8.53

8.53

46.56

56.72

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38.03

48.19

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54.00

74.00

-7.44

-17.28



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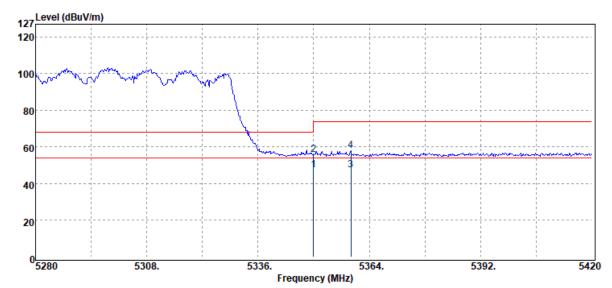
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax80 RU full Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5290 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
				•	•	
5350.00	Average	38.60	8.77	47.37	54.00	-6.63
5350.00	Peak	47.12	8.77	55.89	74.00	-18.11
5359.38	Average	38.48	8.89	47.37	54.00	-6.63
5359.38	Peak	49.30	8.89	58.19	74.00	-15.81

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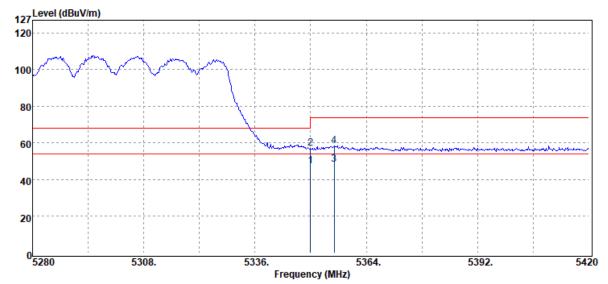
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax80 RU full **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5290 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		·		•	•	
5350.00	Average	38.60	8.77	47.37	54.00	-6.63
5350.00	Peak	48.14	8.77	56.91	74.00	-17.09
5355.88	Average	39.37	8.84	48.21	54.00	-5.79
5355.88	Peak	49.63	8.84	58.47	74.00	-15.53

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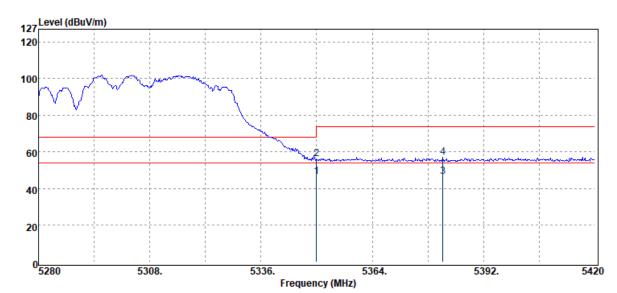
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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax80 RU 484/66 Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5290 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL **EUT Pol** :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		•		•	'	
5350.00	Average	37.93	8.77	46.70	54.00	-7.30
5350.00	Peak	47.59	8.77	56.36	74.00	-17.64
5381.78	Average	37.49	9.18	46.67	54.00	-7.33
5381.78	Peak	47.91	9.18	57.09	74.00	-16.91

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Report Number :ER-2021-20085

Operation Mode :802.11ax80 RU 484/66

Test Frequency :5290 MHz

Test Mode :Bandedge CH Low

EUT Pol :H Plane

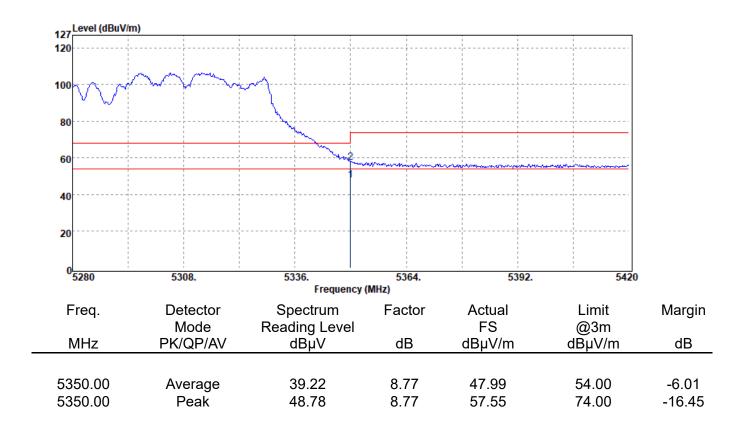
Test Site :SAC III Chamber

Test Date :2021-03-16

Temp./Humi. :22.7/63

Antenna Pol. :HORIZONTAL

Engineer :Ricky



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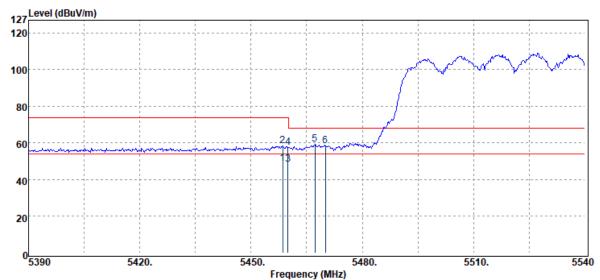
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax80 RU full Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5530 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



			•			
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
5458.55	Average	39.02	9.62	48.64	54.00	-5.36
5458.55	Peak	48.76	9.62	58.38	74.00	-15.62
5460.00	Average	38.68	9.63	48.31	54.00	-5.69
5460.00	Peak	48.10	9.63	57.73	74.00	-16.27
5467.25	Peak	49.45	9.68	59.13	68.20	-9.07
5470.00	Peak	48.93	9.71	58.64	68.20	-9.56

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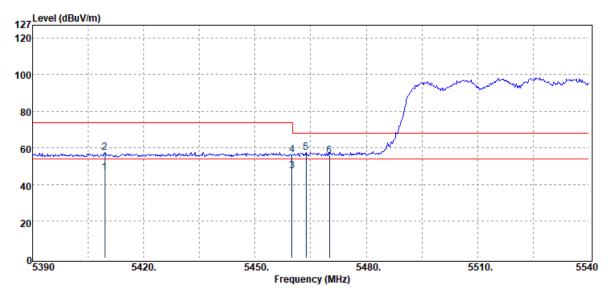
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax80 RU full **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5530 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
5409.50	Average	37.26	9.45	46.71	54.00	-7.29
5409.50	Peak	48.33	9.45	57.78	74.00	-16.22
5460.00	Average	37.70	9.63	47.33	54.00	-6.67
5460.00	Peak	46.66	9.63	56.29	74.00	-17.71
5463.80	Peak	48.05	9.66	57.71	68.20	-10.49
5470.00	Peak	45.91	9.71	55.62	68.20	-12.58

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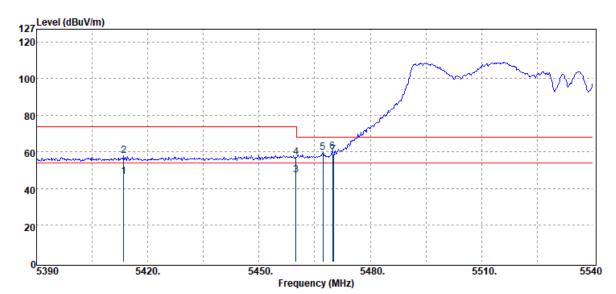
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax80 RU 484/65 Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5530 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
IVII IZ	I IVQI /AV	αυμν	GD_	αυμν/π	αυμν/π	<u>ub</u>
5413.55	Average	37.13	9.46	46.59	54.00	-7.41
5413.55	Peak	48.70	9.46	58.16	74.00	-15.84
5460.00	Average	38.04	9.63	47.67	54.00	-6.33
5460.00	Peak	47.51	9.63	57.14	74.00	-16.86
5467.25	Peak	49.88	9.68	59.56	68.20	-8.64
5469.80	Peak	50.38	9.70	60.08	68.20	-8.12
5470.00	Peak	48.91	9.71	58.62	68.20	-9.58

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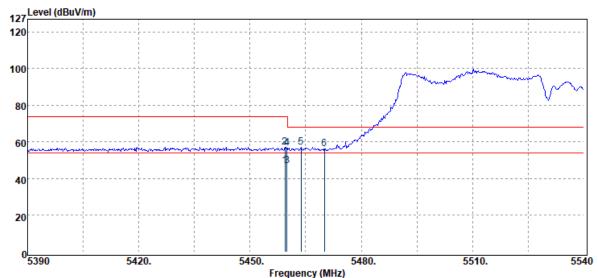
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax80 RU 484/65 **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5530 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



			····-,			
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
						_
5459.45	Average	37.53	9.63	47.16	54.00	-6.84
5459.45	Peak	47.52	9.63	57.15	74.00	-16.85
5460.00	Average	37.45	9.63	47.08	54.00	-6.92
5460.00	Peak	47.24	9.63	56.87	74.00	-17.13
5463.80	Peak	47.42	9.66	57.08	68.20	-11.12
5470.00	Peak	46.71	9.71	56.42	68.20	-11.78

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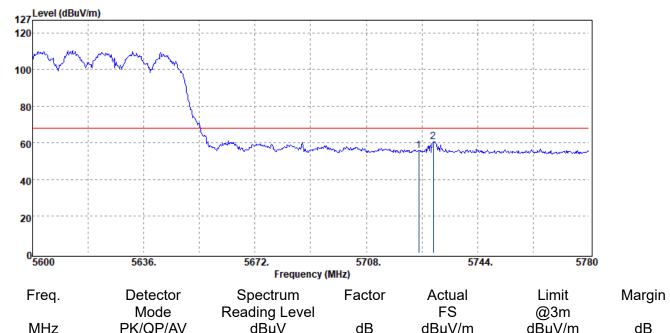
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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax80 RU full Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5610 MHz

Test Mode :Bandedge CH Mid Antenna Pol. :VERTICAL **EUT Pol** :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
5725.00	Peak	47.70	8.12	55.82	68.20	-12.38
5729.60	Peak	52.71	8.14	60.85	68.20	-7.35

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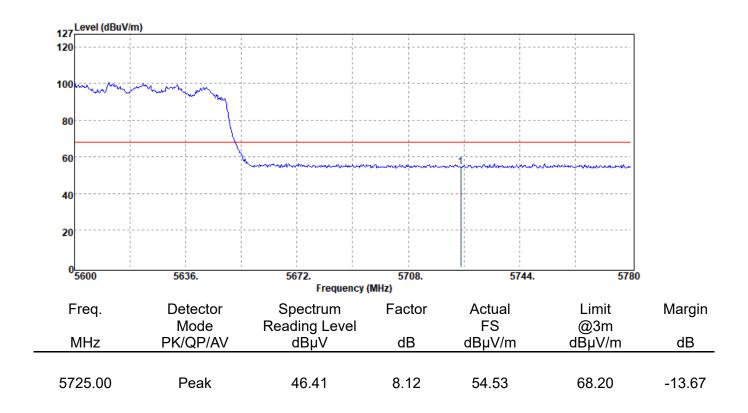
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax80 RU full Test Date :2021-03-16

Test Frequency :5610 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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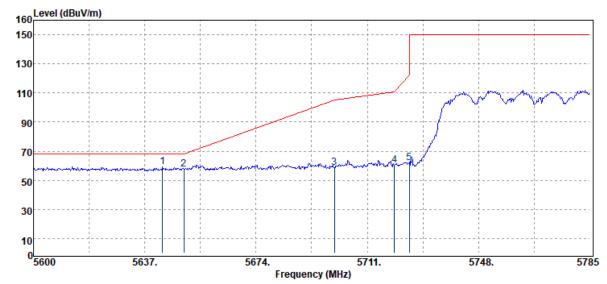
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax80 RU full Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5775 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
1711 12	110,0017710	чърт	<u> </u>	аБр ү/ш	чьрулп	<u> </u>
5642.92	Peak	51.11	8.13	59.24	68.20	-8.96
5650.00	Peak	49.75	8.08	57.83	68.20	-10.37
5700.00	Peak	50.68	8.02	58.70	105.20	-46.50
5720.00	Peak	52.24	8.10	60.34	110.80	-50.46
5725.00	Peak	54.13	8.12	62.25	122.20	-59.95

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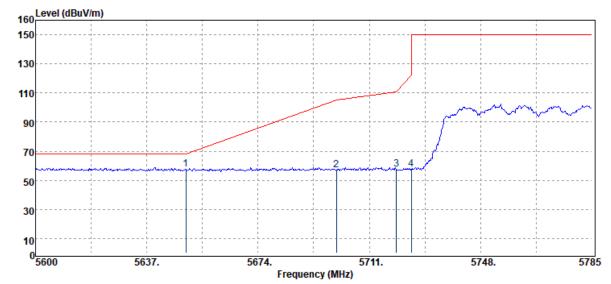
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax80 RU full **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5775 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5650.00	Peak	49.43	8.08	57.51	68.20	-10.69
5700.00	Peak	49.24	8.02	57.26	105.20	-47.94
5720.00	Peak	49.30	8.10	57.40	110.80	-53.40
5725.00	Peak	49.25	8.12	57.37	122.20	-64.83

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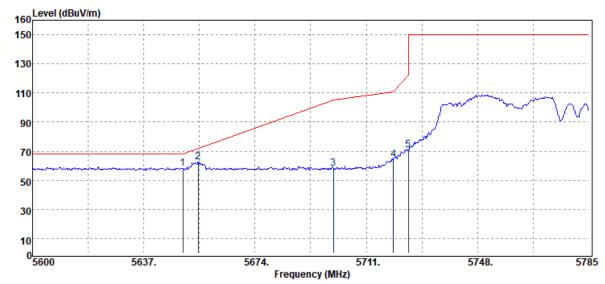
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax80 RU 484/65 Test Date :2021-03-16

Test Frequency :5775 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
1711 12	110/01//10	чори	<u>ub</u>	арр ү/ш	Фрулп	<u>ub</u>
5650.00	Peak	50.08	8.08	58.16	68.20	-10.04
5655.13	Peak	54.46	8.07	62.53	72.00	-9.47
5700.00	Peak	50.23	8.02	58.25	105.20	-46.95
5720.00	Peak	56.32	8.10	64.42	110.80	-46.38
5725.00	Peak	62.59	8.12	70.71	122.20	-51.49

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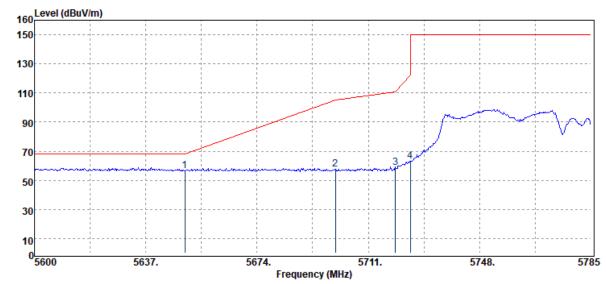
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax80 RU 484/65 **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5775 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
5650.00	Peak	48.22	8.08	56.30	68.20	-11.90
5700.00	Peak	49.31	8.02	57.33	105.20	-47.87
5720.00 5725.00	Peak Peak	50.63 55.14	8.10 8.12	58.73 63.26	110.80 122.20	-52.07 -58.94

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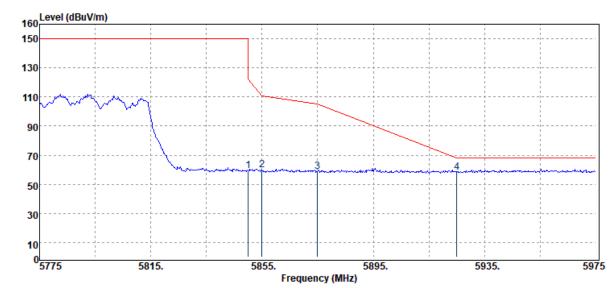
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax80 RU full Test Date :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5775 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5850.00	Peak	50.46	9.02	59.48	122.20	-62.72
5855.00	Peak	50.78	9.07	59.85	110.80	-50.95
5875.00	Peak	49.24	9.27	58.51	105.20	-46.69
5925.00	Peak	48.68	9.70	58.38	68.20	-9.82

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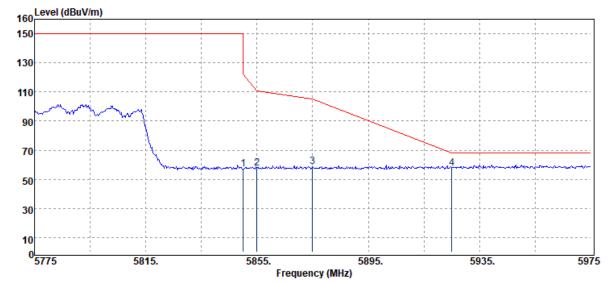
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax80 RU full Test Date :2021-03-16

Test Frequency :5775 MHz Temp./Humi. :22.7/63

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5850.00	Peak	47.97	9.02	56.99	122.20	-65.21
5855.00	Peak	48.43	9.07	57.50	110.80	-53.30
5875.00	Peak	49.29	9.27	58.56	105.20	-46.64
5925.00	Peak	47.91	9.70	57.61	68.20	-10.59

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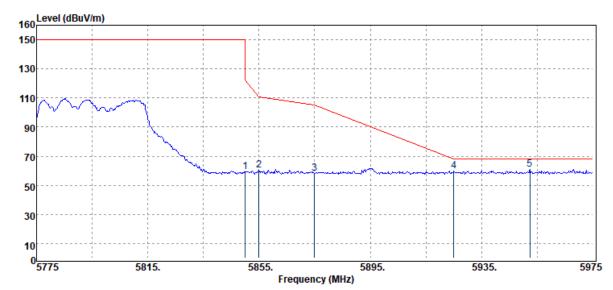
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax80 RU 484/66 **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5775 MHz

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
5850.00	Peak	50.48	9.02	59.50	122.20	-62.70
5855.00	Peak	51.43	9.07	60.50	110.80	-50.30
5875.00	Peak	48.76	9.27	58.03	105.20	-47.17
5925.00	Peak	49.87	9.70	59.57	68.20	-8.63
5952.40	Peak	50.97	9.89	60.86	68.20	-7.34

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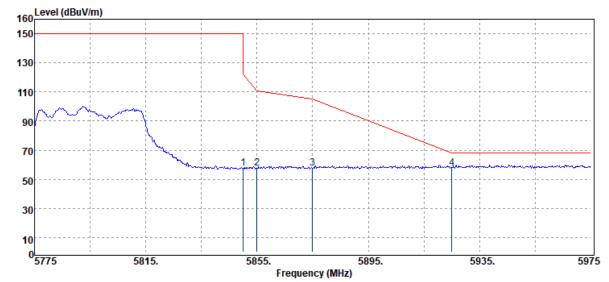
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11ax80 RU 484/66 **Test Date** :2021-03-16

Test Frequency Temp./Humi. :22.7/63 :5775 MHz

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5850.00	Peak	48.78	9.02	57.80	122.20	-64.40
5855.00	Peak	48.54	9.07	57.61	110.80	-53.19
5875.00	Peak	48.23	9.27	57.50	105.20	-47.70
5925.00	Peak	48.09	9.70	57.79	68.20	-10.41

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11.8 **CDD Mode Radiated Spurious Emission Measurement Result**

Below 1GHz Worst-Case Data: 11.8.1

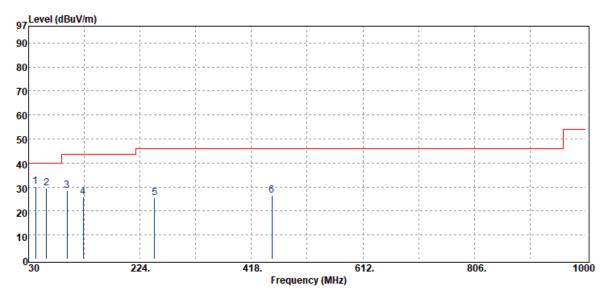
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode :802.11a **Test Date** :2021-03-05

Test Frequency :5220 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
42.61	Peak	38.83	-8.72	30.11	40.00	-9.89
61.04	Peak	38.67	-9.19	29.48	40.00	-10.52
96.93	Peak	42.05	-13.61	28.44	43.50	-15.06
125.06	Peak	35.41	-9.47	25.94	43.50	-17.56
249.22	Peak	34.24	-8.82	25.42	46.00	-20.58
453.89	Peak	29.85	-3.17	26.68	46.00	-19.32

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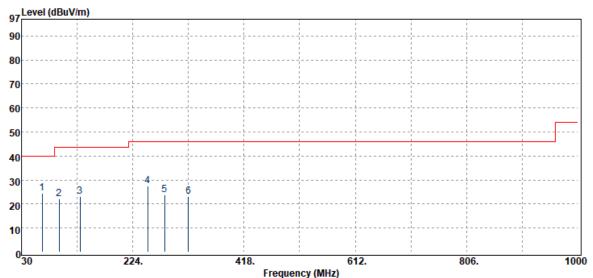
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11a

Test Frequency Temp./Humi. :5220 MHz :21.8/63

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



			,			
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
65.89	Peak	34.61	-9.96	24.65	40.00	-15.35
95.96	Peak	36.26	-13.99	22.27	43.50	-21.23
131.85	Peak	31.96	-8.81	23.15	43.50	-20.35
250.19	Peak	36.30	-8.79	27.51	46.00	-18.49
279.29	Peak	30.94	-7.24	23.70	46.00	-22.30
321.00	Peak	29.14	-6.04	23.10	46.00	-22.90

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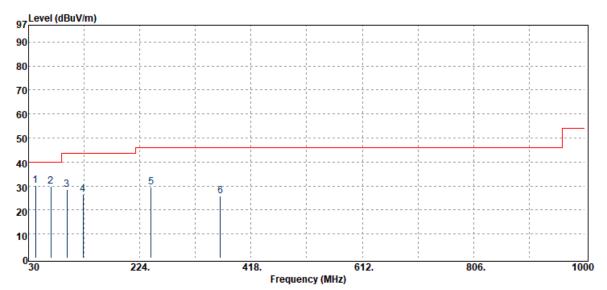
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11a

Test Frequency :5300 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
42.61	Peak	38.83	-8.72	30.11	40.00	-9.89
68.80	Peak	40.18	-10.18	30.00	40.00	-10.00
96.93	Peak	42.13	-13.61	28.52	43.50	-14.98
125.06	Peak	35.82	-9.47	26.35	43.50	-17.15
243.40	Peak	38.55	-9.00	29.55	46.00	-16.45
364.65	Peak	31.18	-5.47	25.71	46.00	-20.29

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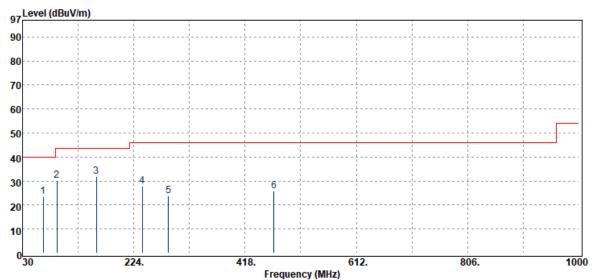
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11a

Test Frequency :5300 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



			•			
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dΒμV/m	dB
65.89	Peak	33.58	-9.96	23.62	40.00	-16.38
90.14	Peak	44.35	-14.26	30.09	43.50	-13.41
159.01	Peak	39.66	-7.91	31.75	43.50	-11.75
238.55	Peak	36.82	-9.12	27.70	46.00	-18.30
284.14	Peak	31.08	-7.10	23.98	46.00	-22.02
468.44	Peak	29.07	-3.06	26.01	46.00	-19.99

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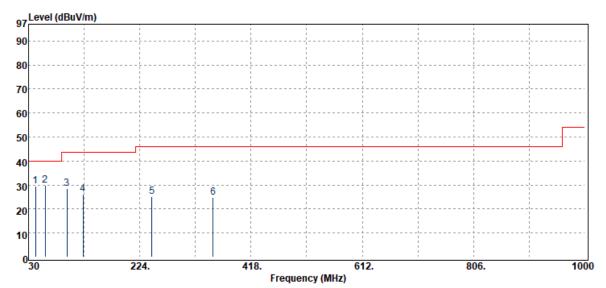
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11a

Test Frequency Temp./Humi. :5580 MHz :21.8/63

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
	·		•	•	
Peak	38.30	-8.72	29.58	40.00	-10.42
Peak	39.07	-9.27	29.80	40.00	-10.20
Peak	42.01	-13.61	28.40	43.50	-15.10
Peak	35.74	-9.47	26.27	43.50	-17.23
Peak	33.98	-8.96	25.02	46.00	-20.98
Peak	30.53	-5.80	24.73	46.00	-21.27
	Mode PK/QP/AV Peak Peak Peak Peak Peak	Mode PK/QP/AV Reading Level dBµV Peak 38.30 Peak 39.07 Peak 42.01 Peak 35.74 Peak 33.98	Mode PK/QP/AV Reading Level dBμV dB Peak 38.30 -8.72 Peak 39.07 -9.27 Peak 42.01 -13.61 Peak 35.74 -9.47 Peak 33.98 -8.96	Mode PK/QP/AV Reading Level dBμV FS dBμV/m Peak 38.30 -8.72 29.58 Peak 39.07 -9.27 29.80 Peak 42.01 -13.61 28.40 Peak 35.74 -9.47 26.27 Peak 33.98 -8.96 25.02	Mode PK/QP/AV Reading Level dBμV FS dBμV/m @3m dBμV/m Peak 38.30 -8.72 29.58 40.00 Peak 39.07 -9.27 29.80 40.00 Peak 42.01 -13.61 28.40 43.50 Peak 35.74 -9.47 26.27 43.50 Peak 33.98 -8.96 25.02 46.00

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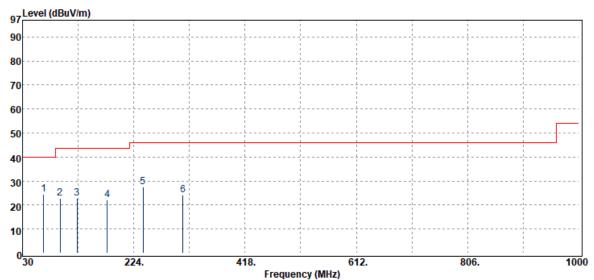
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11a

Test Frequency :5580 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



• • • •							
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB	
66.86	Peak	34.57	-9.98	24.59	40.00	-15.41	
95.96	Peak	36.67	-13.99	22.68	43.50	-20.82	
125.06	Peak	32.19	-9.47	22.72	43.50	-20.78	
177.44	Peak	31.13	-8.98	22.15	43.50	-21.35	
240.49	Peak	36.69	-9.04	27.65	46.00	-18.35	
309.36	Peak	30.57	-6.49	24.08	46.00	-21.92	

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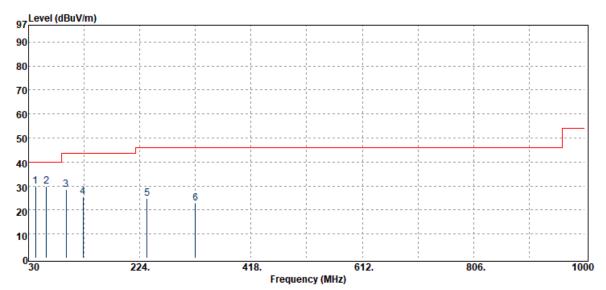
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11a

Test Frequency :5785 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBμV/m	dB
42.61	Peak	38.75	-8.72	30.03	40.00	-9.97
61.04	Peak	39.09	-9.19	29.90	40.00	-10.10
95.96	Peak	42.54	-13.99	28.55	43.50	-14.95
125.06	Peak	35.07	-9.47	25.60	43.50	-17.90
236.61	Peak	34.23	-9.23	25.00	46.00	-21.00
321.00	Peak	28.95	-6.04	22.91	46.00	-23.09

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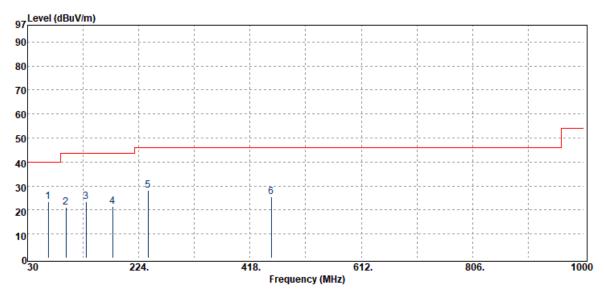
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11a

Test Frequency Temp./Humi. :5785 MHz :21.8/63

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		·		-	-	
65.89	Peak	33.40	-9.96	23.44	40.00	-16.56
96.93	Peak	34.85	-13.61	21.24	43.50	-22.26
131.85	Peak	32.20	-8.81	23.39	43.50	-20.11
178.41	Peak	30.65	-9.06	21.59	43.50	-21.91
240.49	Peak	37.32	-9.04	28.28	46.00	-17.72
454.86	Peak	28.51	-3.14	25.37	46.00	-20.63

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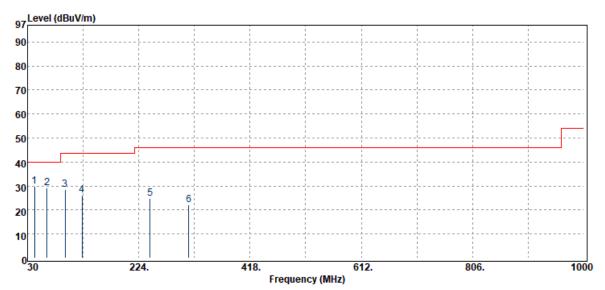
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax80 Test Date :2021-03-05

Test Frequency :5210 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		·		·	-	
42.61	Peak	38.71	-8.72	29.99	40.00	-10.01
63.95	Peak	38.65	-9.42	29.23	40.00	-10.77
95.96	Peak	42.48	-13.99	28.49	43.50	-15.01
125.06	Peak	35.64	-9.47	26.17	43.50	-17.33
243.40	Peak	33.75	-9.00	24.75	46.00	-21.25
311.30	Peak	28.70	-6.41	22.29	46.00	-23.71

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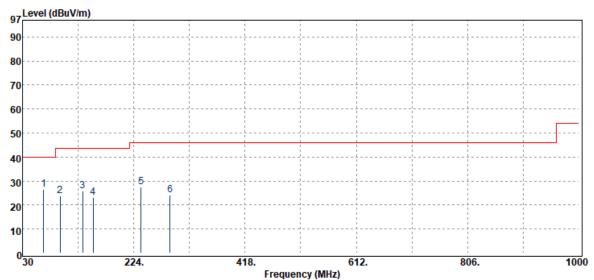
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11ax80

Test Frequency :5210 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



			•			
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
66.86	Peak	36.56	-9.98	26.58	40.00	-13.42
95.96	Peak	37.67	-13.99	23.68	43.50	-19.82
134.76	Peak	34.58	-8.62	25.96	43.50	-17.54
153.19	Peak	31.24	-7.93	23.31	43.50	-20.19
236.61	Peak	36.62	-9.23	27.39	46.00	-18.61
287.05	Peak	31.03	-6.97	24.06	46.00	-21.94

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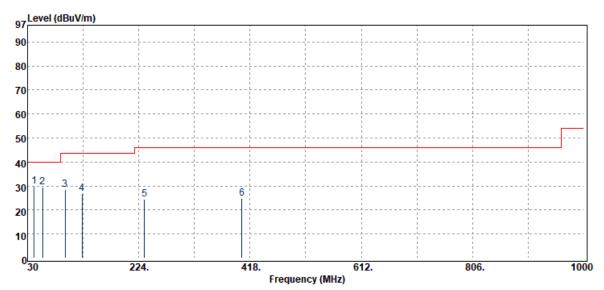
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11ax80

Test Frequency Temp./Humi. :5290 MHz :21.8/63

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
41.64	Peak	38.90	-8.90	30.00	40.00	-10.00
56.19	Peak	38.40	-9.01	29.39	40.00	-10.61
95.96	Peak	42.64	-13.99	28.65	43.50	-14.85
125.06	Peak	36.25	-9.47	26.78	43.50	-16.72
233.70	Peak	33.89	-9.42	24.47	46.00	-21.53
403.45	Peak	29.78	-4.89	24.89	46.00	-21.11

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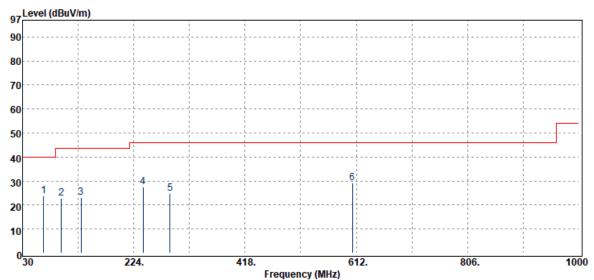
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11ax80

Test Frequency :5290 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



			•			
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
66.86	Peak	33.66	-9.98	23.68	40.00	-16.32
97.90	Peak	36.31	-13.48	22.83	43.50	-20.67
131.85	Peak	32.12	-8.81	23.31	43.50	-20.19
240.49	Peak	36.62	-9.04	27.58	46.00	-18.42
287.05	Peak	31.65	-6.97	24.68	46.00	-21.32
605.21	Peak	29.20	-0.16	29.04	46.00	-16.96

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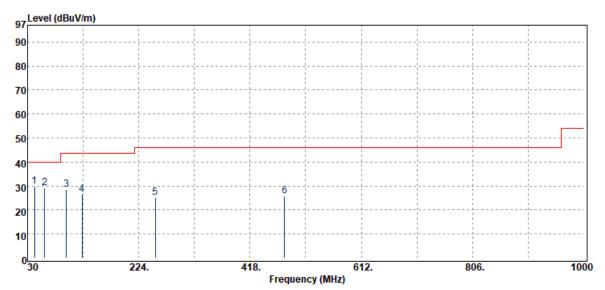
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11ax80

Test Frequency Temp./Humi. :5610 MHz :21.8/63

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
IVII IZ	FN/QF/AV	чъμν	uБ	ασμν/π	ασμν/π	ub_
42.61	Peak	38.54	-8.72	29.82	40.00	-10.18
60.07	Peak	38.25	-9.08	29.17	40.00	-10.83
97.90	Peak	41.93	-13.48	28.45	43.50	-15.05
125.06	Peak	36.06	-9.47	26.59	43.50	-16.91
253.10	Peak	33.75	-8.59	25.16	46.00	-20.84
478.14	Peak	29.02	-3.14	25.88	46.00	-20.12

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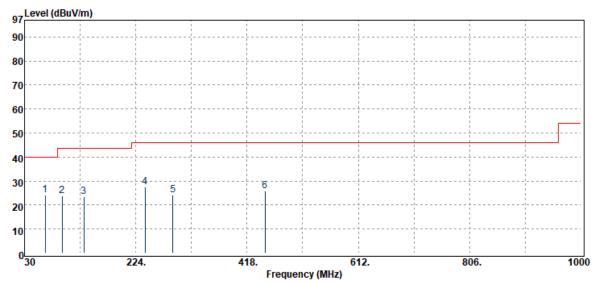
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11ax80

Test Frequency Temp./Humi. :5610 MHz :21.8/63

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
1711 12	11001710	αυμν	ub_	αρμν/ιιι	чорулп	<u> </u>
65.89	Peak	34.29	-9.96	24.33	40.00	-15.67
95.96	Peak	37.68	-13.99	23.69	43.50	-19.81
133.79	Peak	32.42	-8.80	23.62	43.50	-19.88
240.49	Peak	36.73	-9.04	27.69	46.00	-18.31
288.99	Peak	30.94	-6.88	24.06	46.00	-21.94
449.04	Peak	29.02	-3.30	25.72	46.00	-20.28

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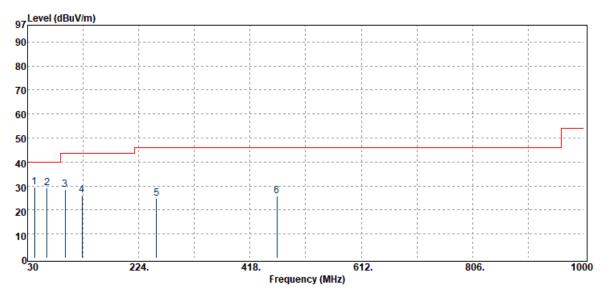
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11ax80

Test Frequency Temp./Humi. :5775 MHz :21.8/63

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
IVITZ	PN/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
42.61	Peak	38.41	-8.72	29.69	40.00	-10.31
63.95	Peak	38.75	-9.42	29.33	40.00	-10.67
95.96	Peak	42.45	-13.99	28.46	43.50	-15.04
125.06	Peak	35.73	-9.47	26.26	43.50	-17.24
255.04	Peak	33.23	-8.49	24.74	46.00	-21.26
464.56	Peak	28.94	-3.00	25.94	46.00	-20.06

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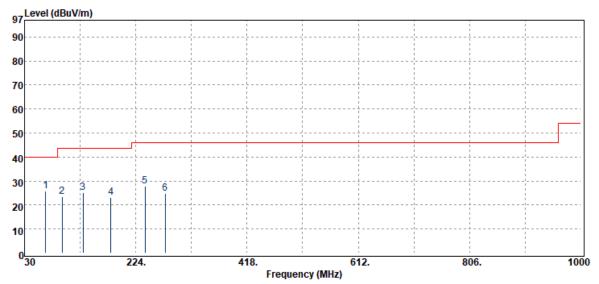
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11ax80

Test Frequency Temp./Humi. :5775 MHz :21.8/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
IVII IZ	FIVQF/AV	αυμν	uБ	αυμν/π	αυμν/π	<u> </u>
66.86	Peak	35.99	-9.98	26.01	40.00	-13.99
95.96	Peak	37.54	-13.99	23.55	43.50	-19.95
131.85	Peak	33.86	-8.81	25.05	43.50	-18.45
180.35	Peak	32.53	-9.26	23.27	43.50	-20.23
240.49	Peak	36.87	-9.04	27.83	46.00	-18.17
275.41	Peak	32.20	-7.41	24.79	46.00	-21.21

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11.8.2 Above 1GHz Worst-Case Data:

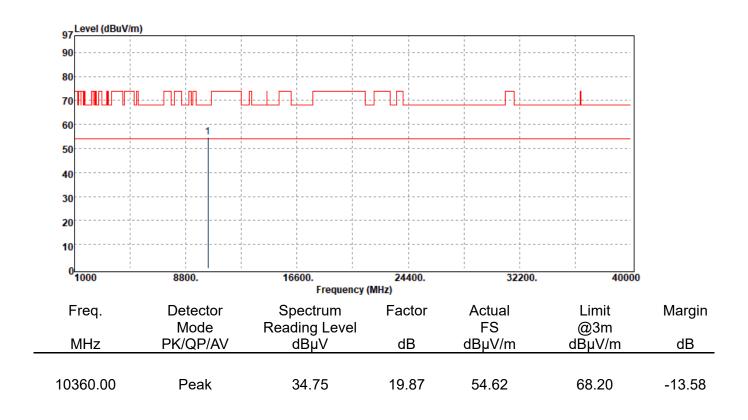
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2021-03-04

Test Frequency :5180 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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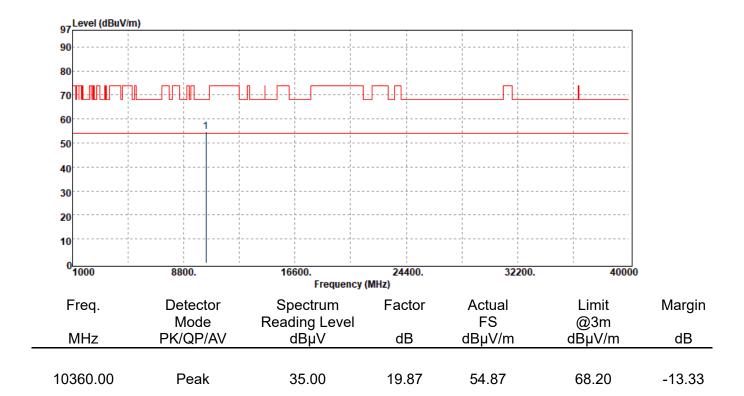
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11a

Test Frequency :5180 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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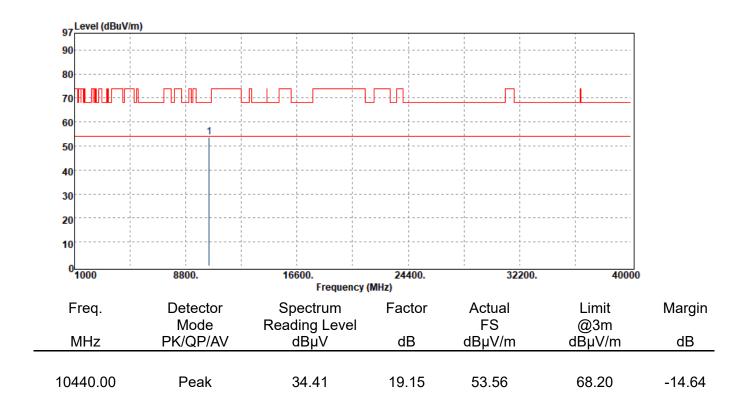
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11a

Test Frequency :5220 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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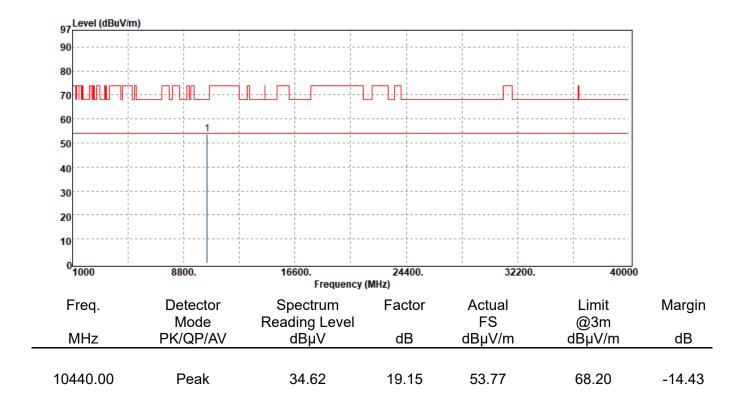
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2021-03-04

Test Frequency :5220 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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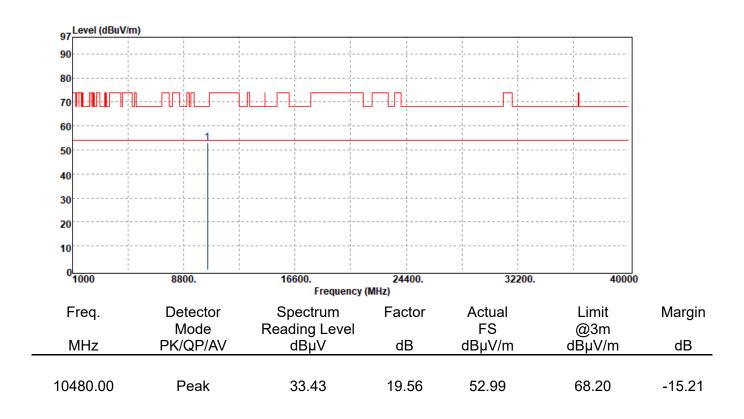
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2021-03-04

Test Frequency :5240 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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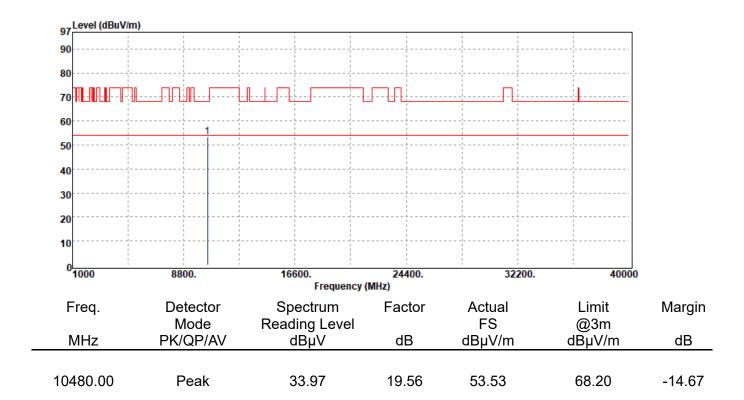
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11a

Test Frequency :5240 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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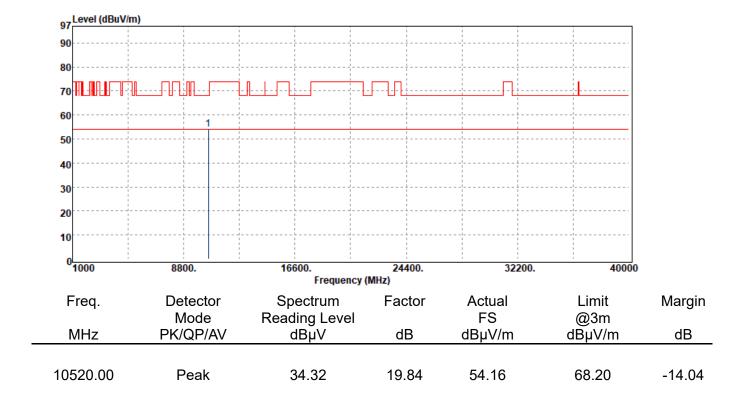
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2021-03-04

Test Frequency :5260 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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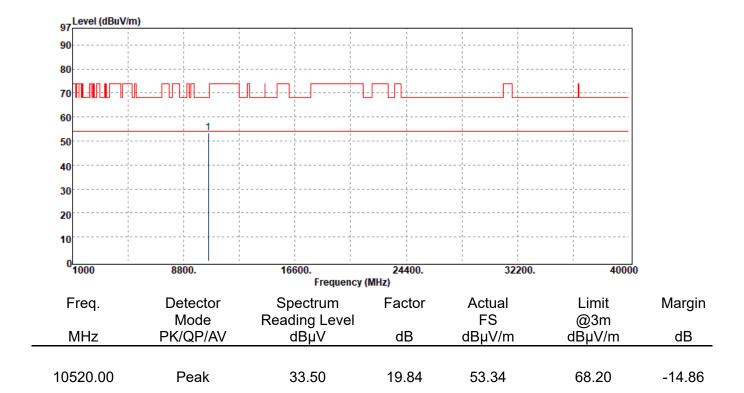
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2021-03-04

Test Frequency :5260 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11a

Test Frequency :5300 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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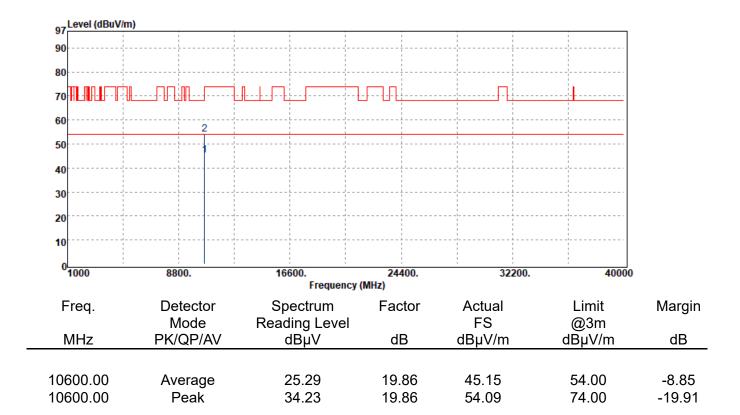
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Operation Mode :802.11a Test Date :2021-03-04

Test Frequency :5300 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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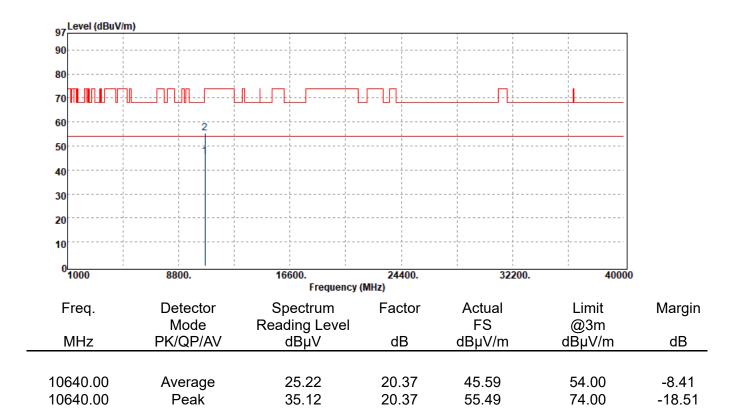
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11a

Test Frequency :5320 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2021-03-04

Test Frequency :5320 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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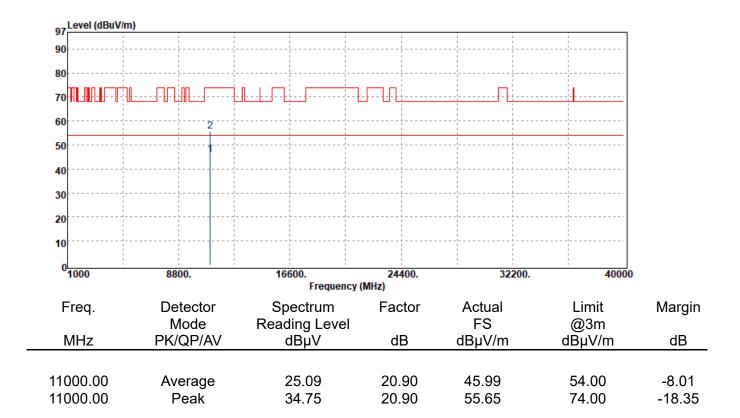
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2021-03-04

Test Frequency :5500 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2021-03-04

Test Frequency :5500 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11a

Test Frequency :5580 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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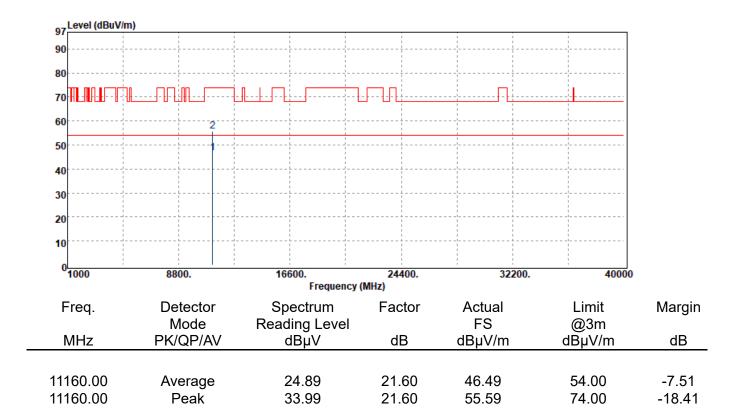
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Operation Mode :802.11a Test Date :2021-03-04

Test Frequency :5580 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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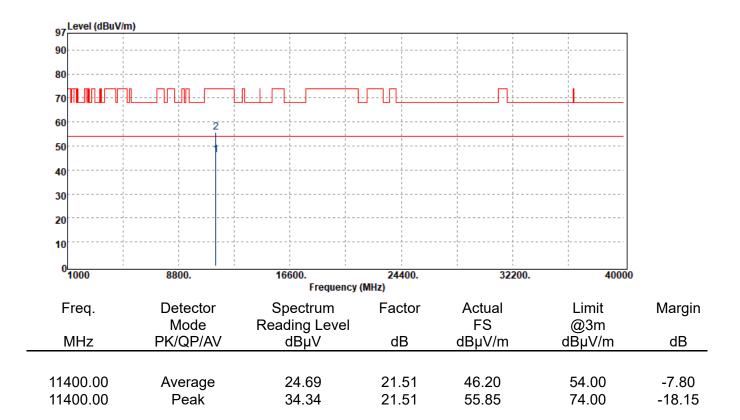
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11a

Test Frequency :5700 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2021-03-04

Test Frequency :5700 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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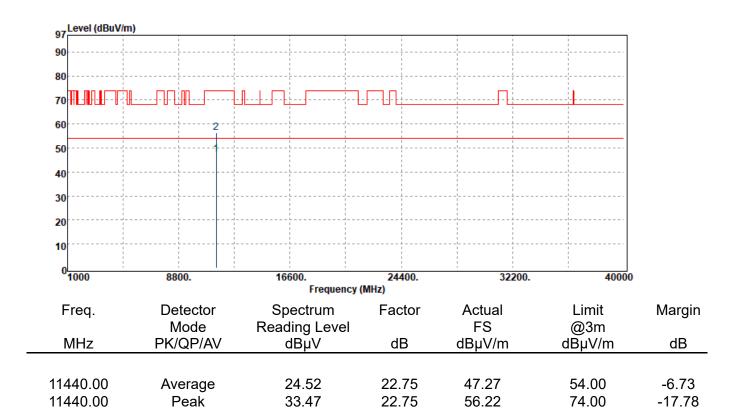
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11a

Test Frequency :5720 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11a

Test Frequency :5720 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11a

Test Frequency :5745 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2021-03-04

Test Frequency :5745 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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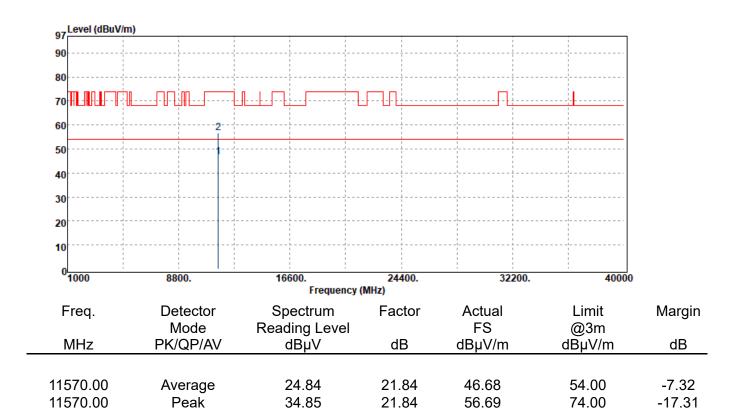
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11a

Test Frequency :5785 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11a

Test Frequency :5785 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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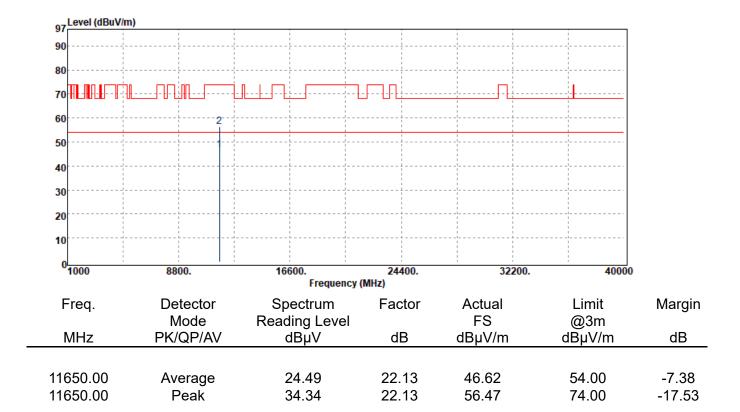
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2021-03-04

Test Frequency :5825 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11a

Test Frequency :5825 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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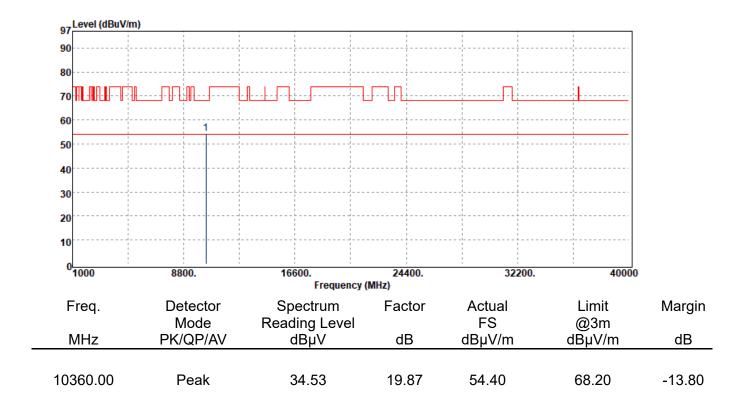
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n20

Test Frequency Temp./Humi. :5180 MHz :21.3/62

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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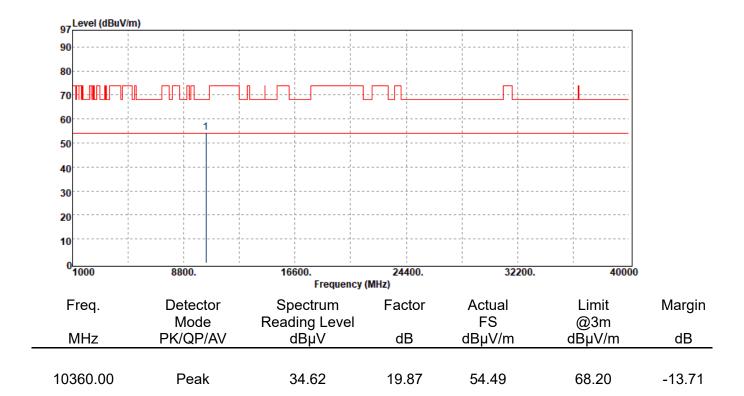
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-04

Test Frequency :5180 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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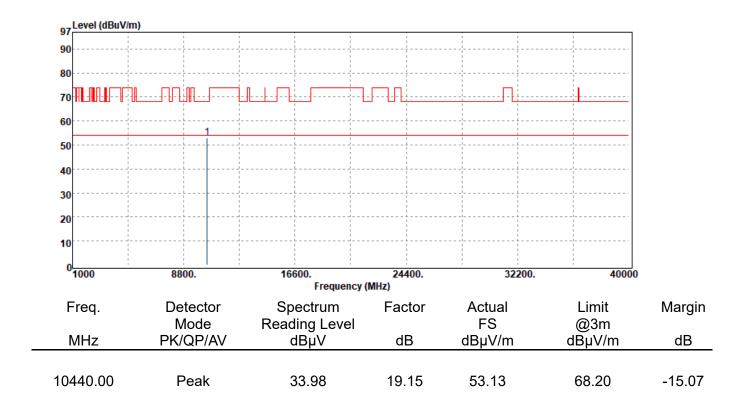
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-04

Test Frequency :5220 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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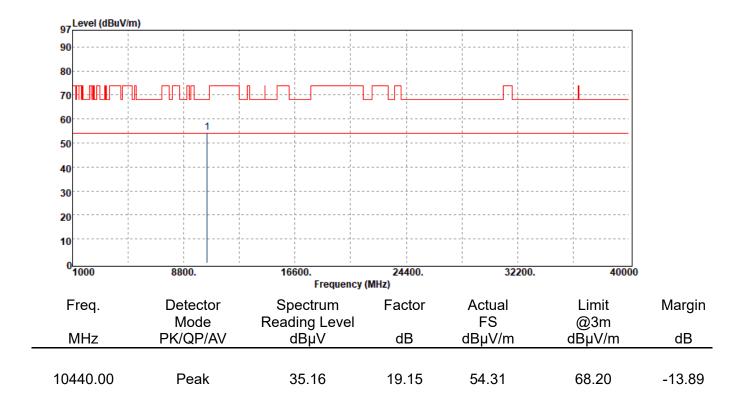
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n20

Test Frequency Temp./Humi. :5220 MHz :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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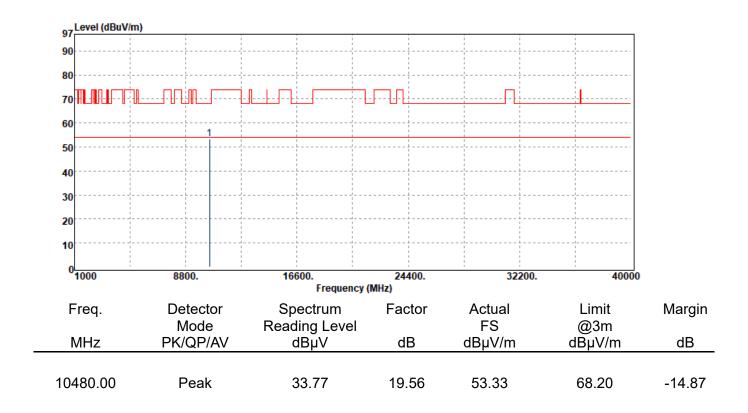
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n20

Test Frequency Temp./Humi. :5240 MHz :21.3/62

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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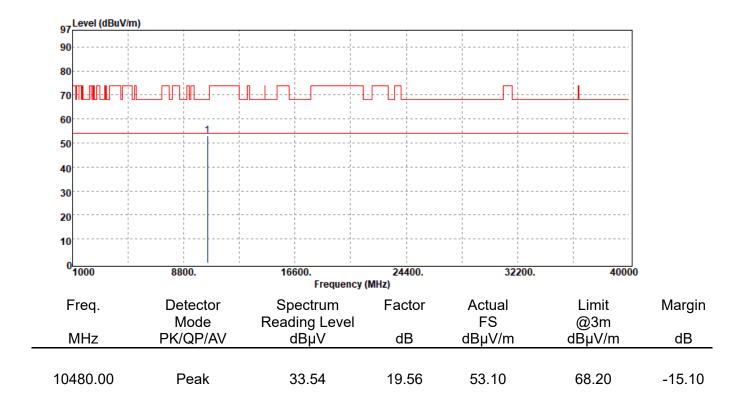
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-04

Test Frequency :5240 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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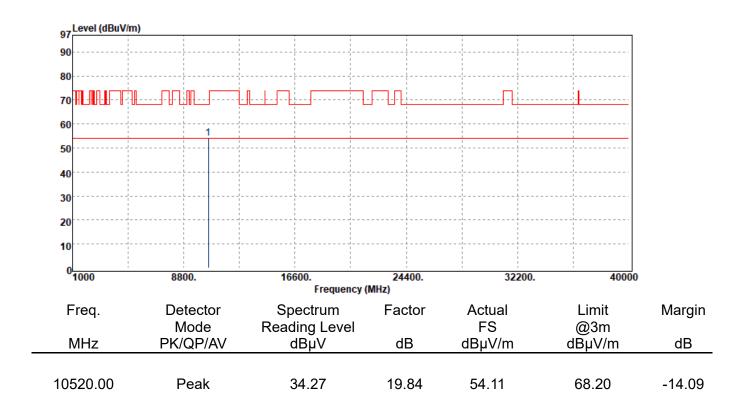
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-04

Test Frequency :5260 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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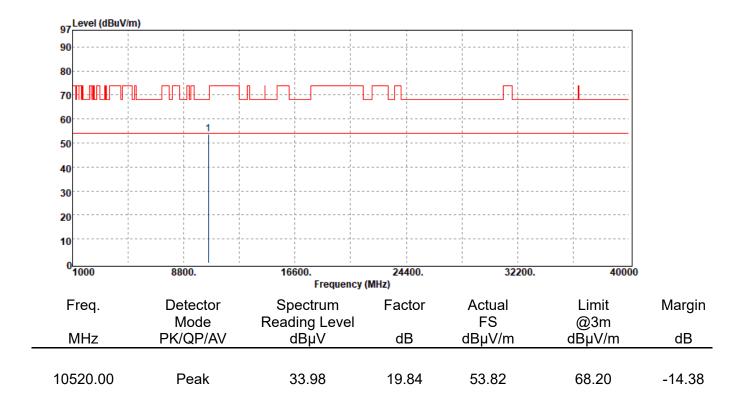
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n20

Test Frequency :5260 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n20

Test Frequency :5300 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n20

Test Frequency :5300 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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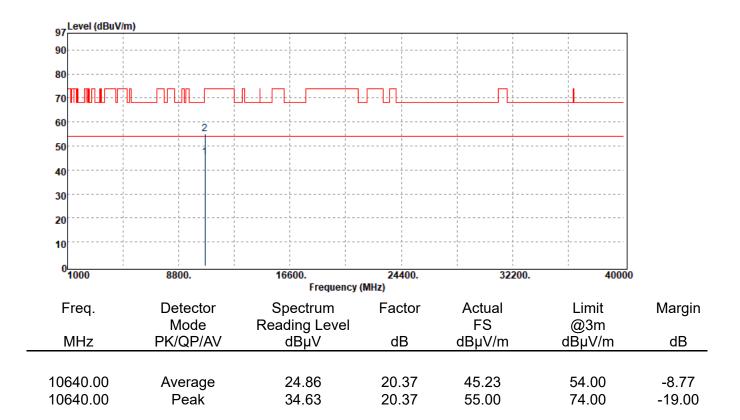
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n20

Test Frequency :5320 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-04

Test Frequency :5320 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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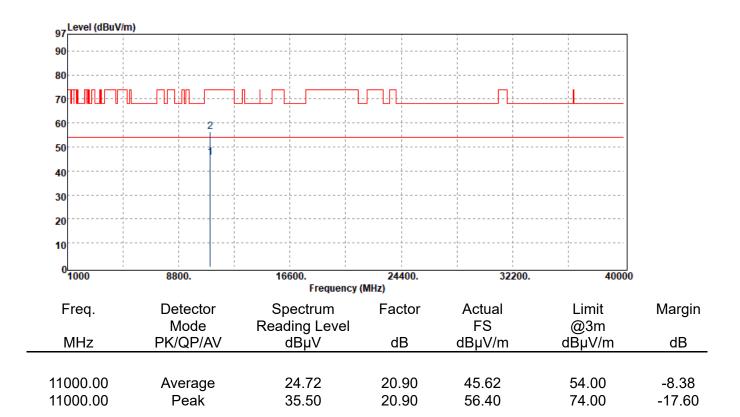
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n20

Test Frequency :5500 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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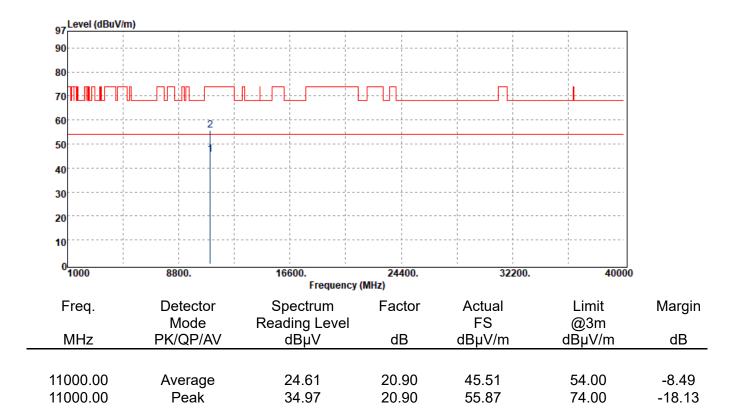
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Operation Mode :802.11n20 Test Date :2021-03-04

Test Frequency :5500 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-04

Test Frequency :5580 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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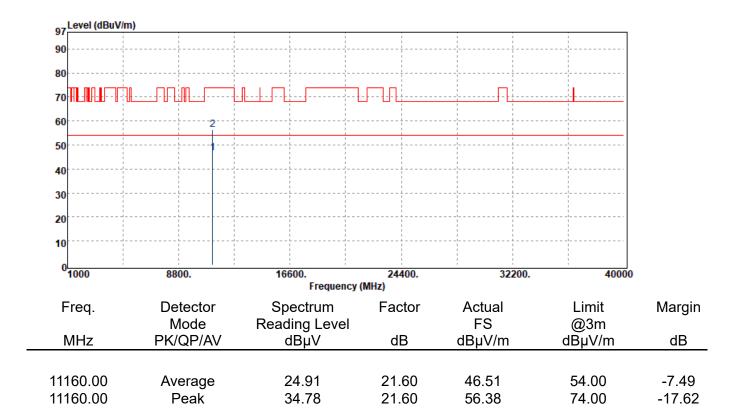
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Operation Mode :802.11n20 Test Date :2021-03-04

Test Frequency :5580 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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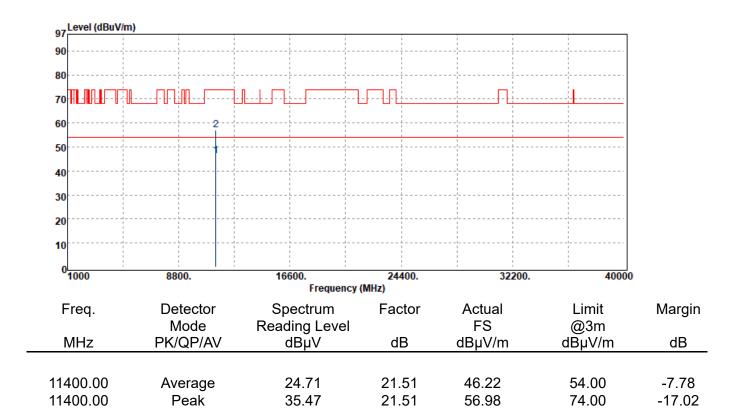
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n20

Test Frequency :5700 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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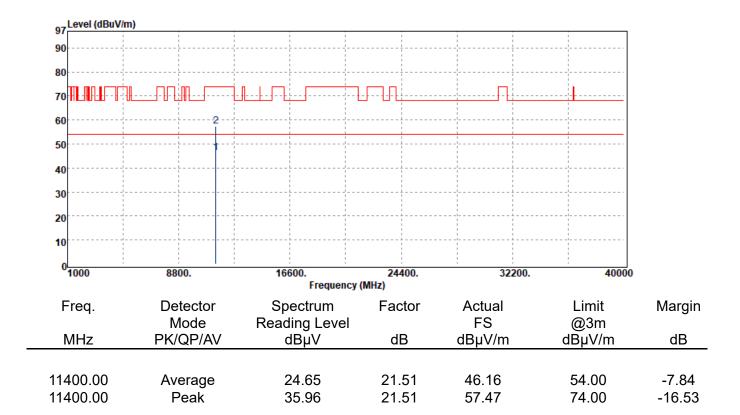
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Operation Mode :802.11n20 Test Date :2021-03-04

Test Frequency :5700 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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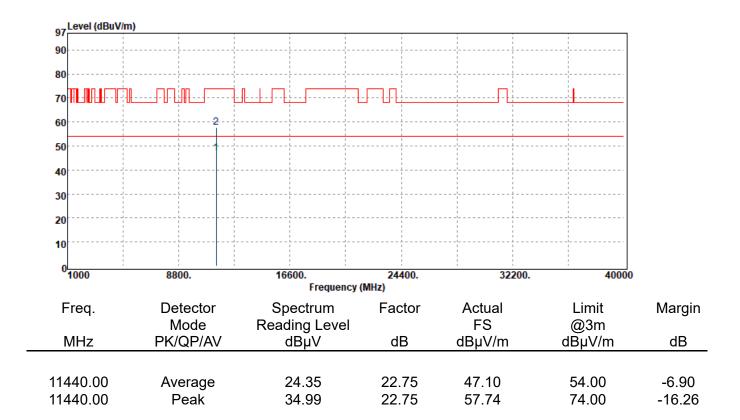
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n20

Test Frequency :5720 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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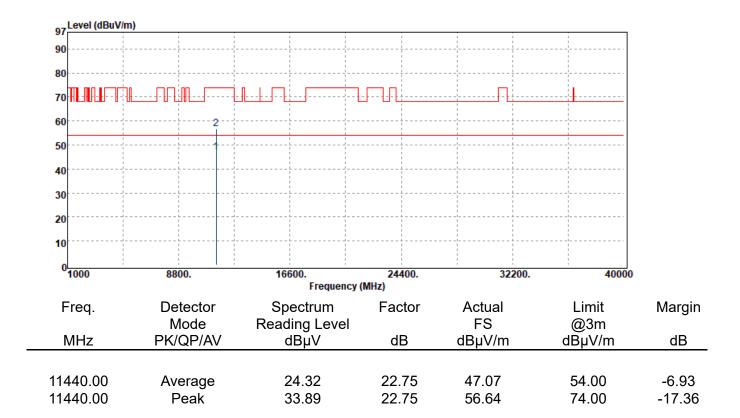
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-04

Test Frequency :5720 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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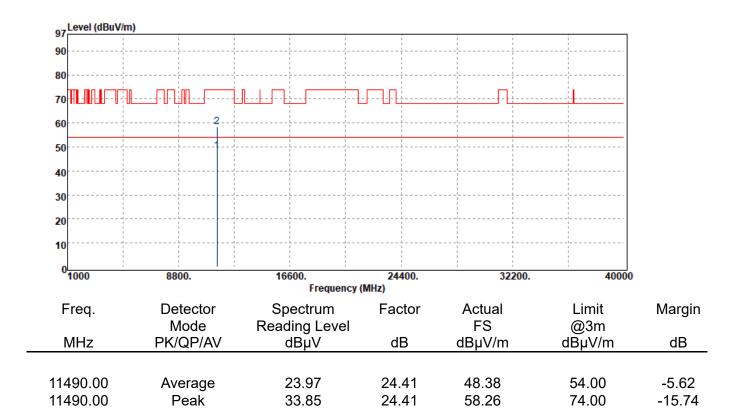
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n20

Test Frequency :5745 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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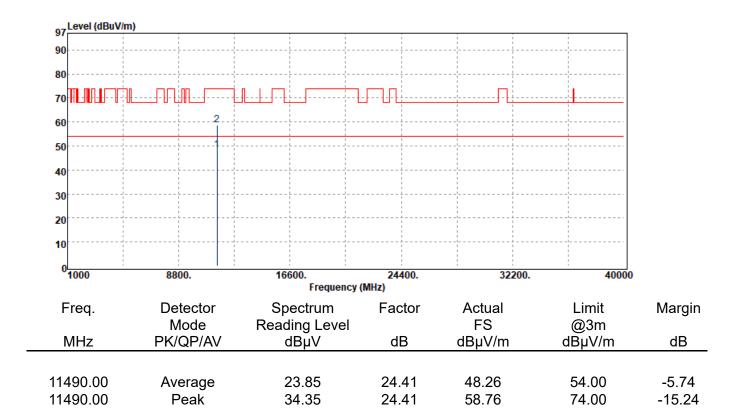
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Operation Mode :802.11n20 Test Date :2021-03-04

Test Frequency :5745 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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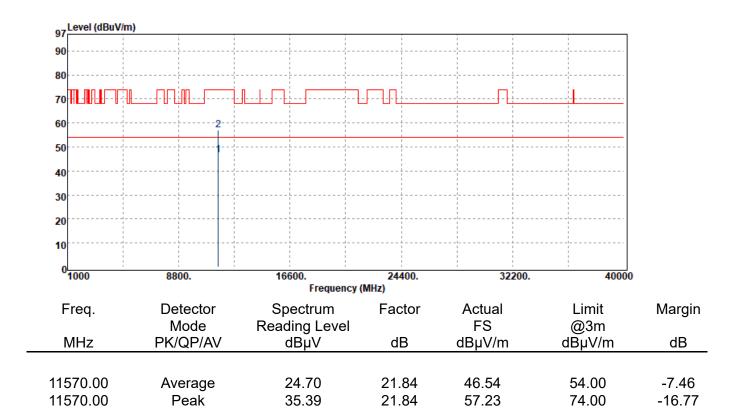
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n20

Test Frequency :5785 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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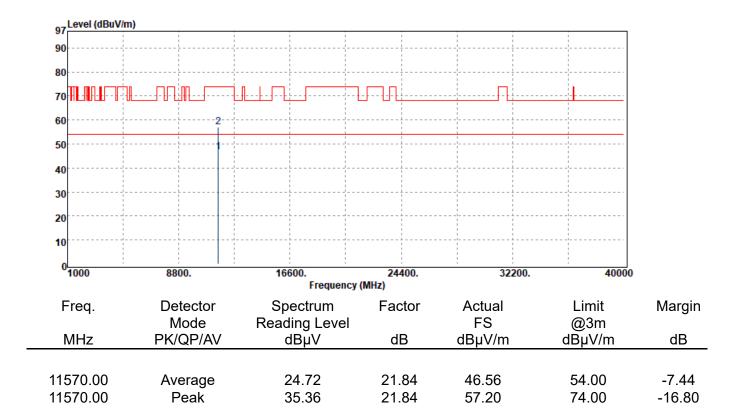
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n20

Test Frequency :5785 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n20

Test Frequency :5825 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2021-03-04

Test Frequency :5825 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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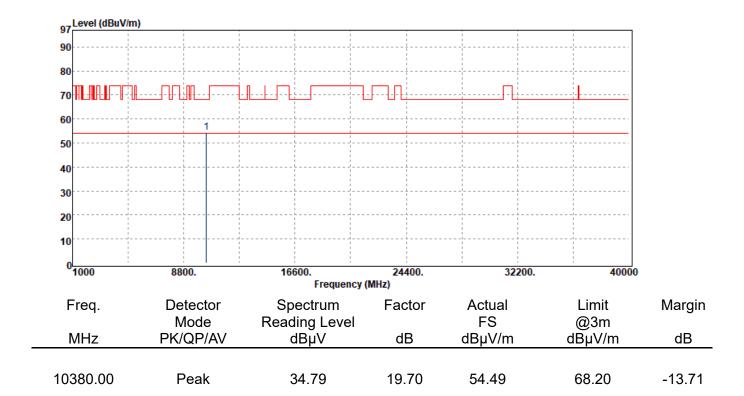
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-04

Test Frequency :5190 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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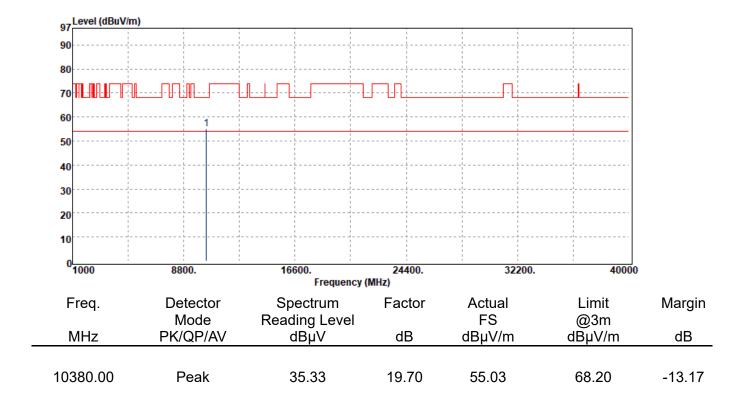
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-04

Test Frequency :5190 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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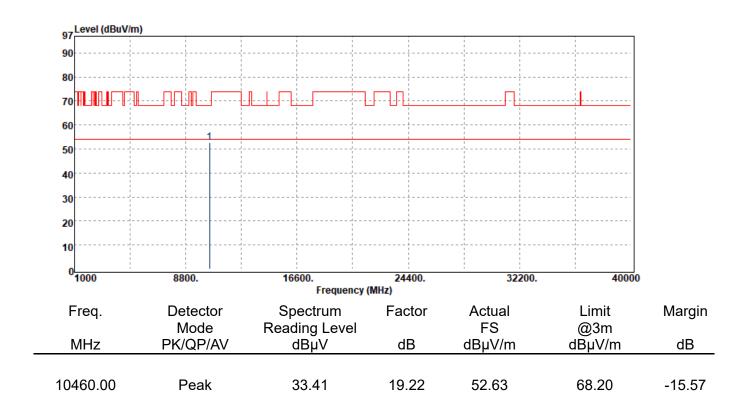
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-04

Test Frequency :5230 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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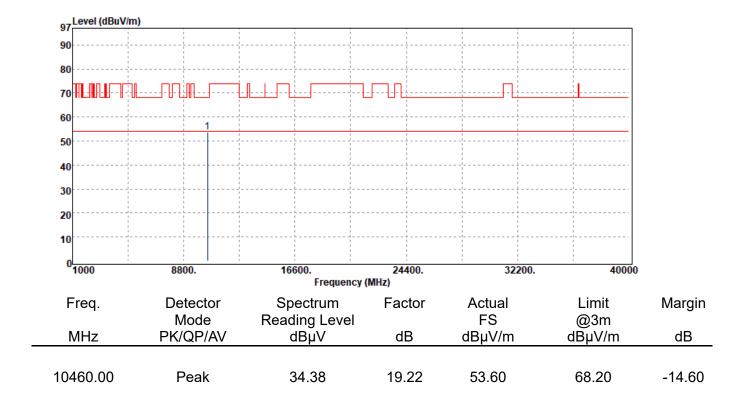
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-04

Test Frequency :5230 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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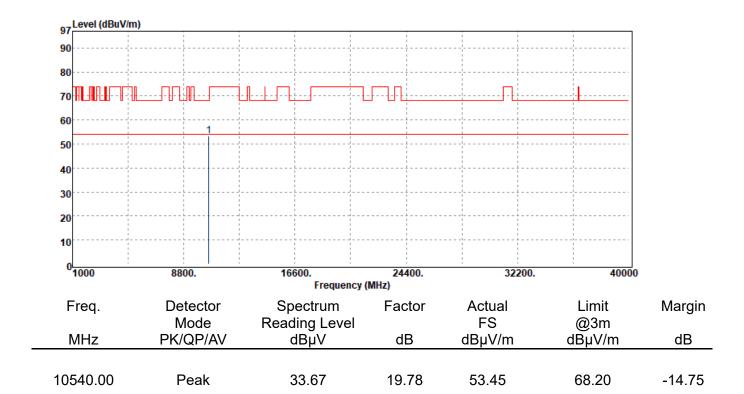
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-04

Test Frequency :5270 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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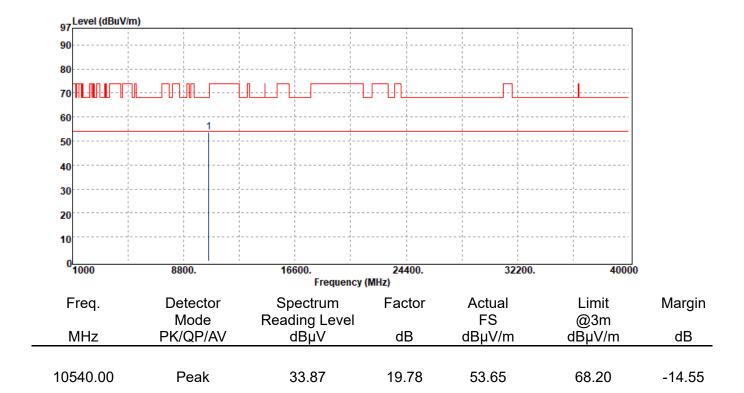
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-04

Test Frequency :5270 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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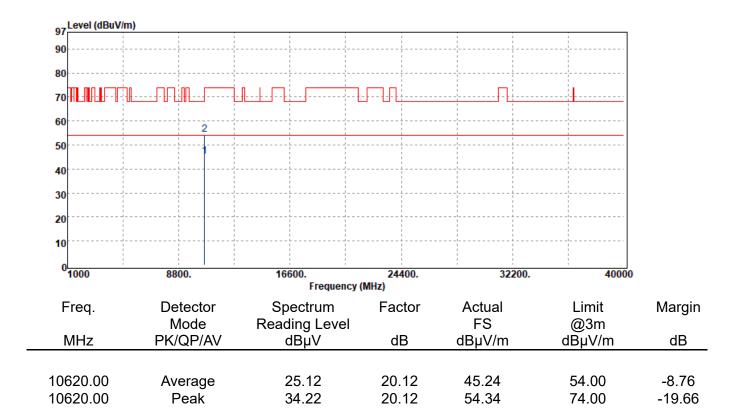
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-04

Test Frequency :5310 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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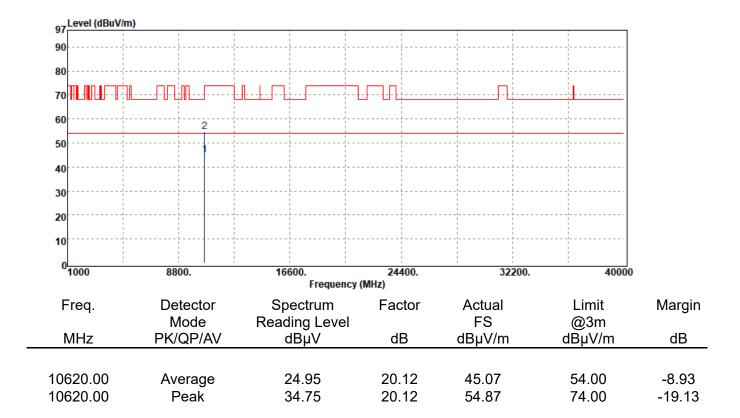
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-04

Test Frequency :5310 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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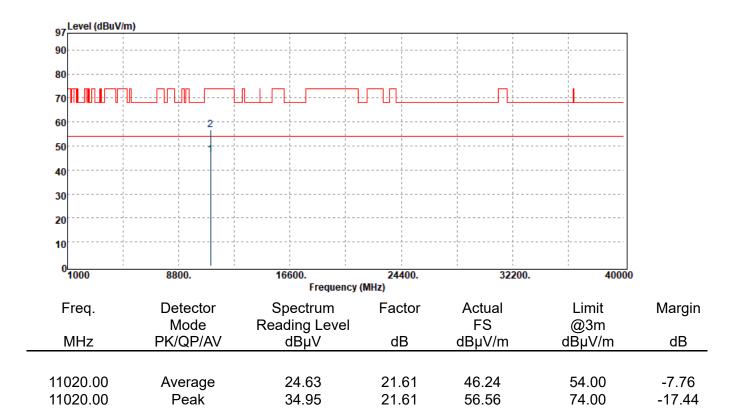
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n40

Test Frequency :5510 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-04

Test Frequency :5510 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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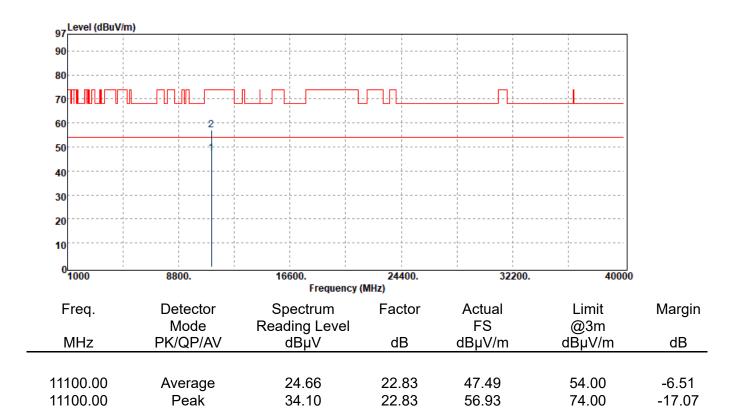
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n40

Test Frequency :5550 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-04

Test Frequency :5550 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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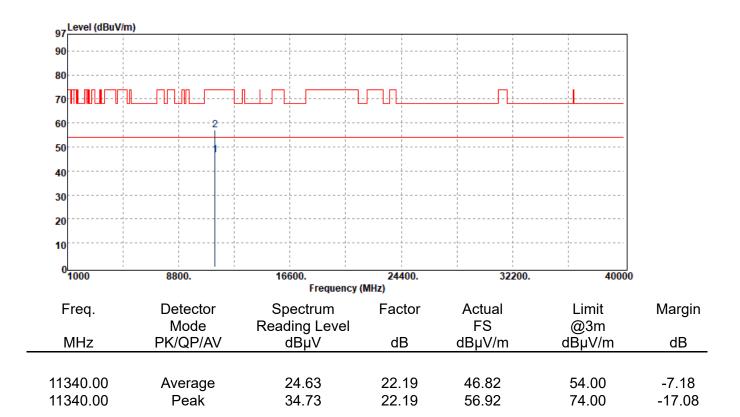
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n40

Test Frequency :5670 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-04

Test Frequency :5670 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-04

Test Frequency :5710 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-04

Test Frequency :5710 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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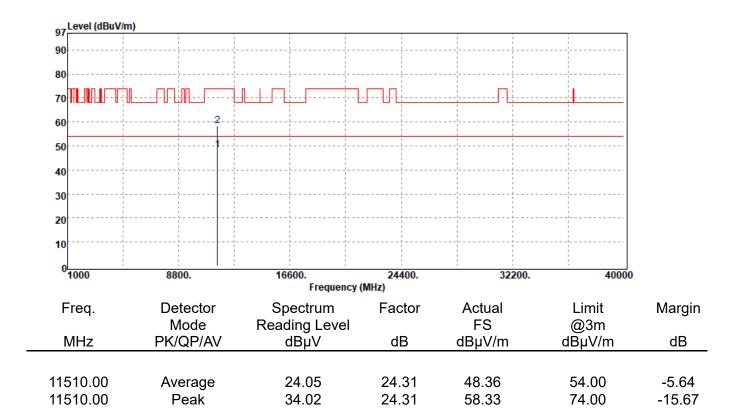
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n40

Test Frequency :5755 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2021-03-04

Test Frequency :5755 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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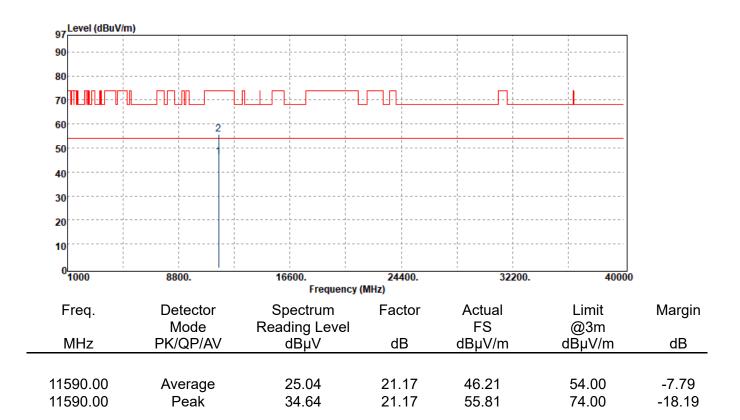
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n40

Test Frequency :5795 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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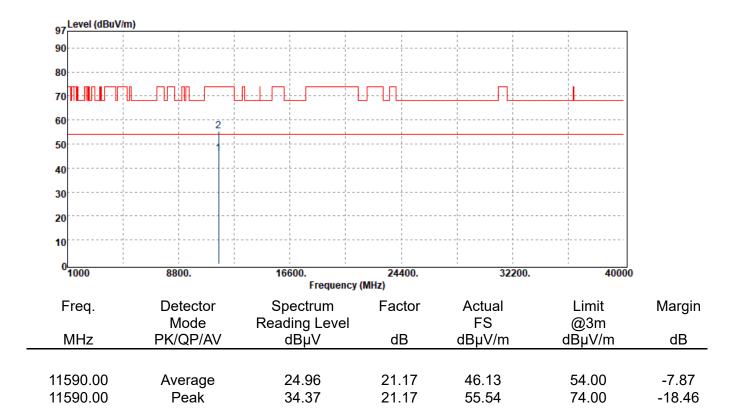
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11n40

Test Frequency :5795 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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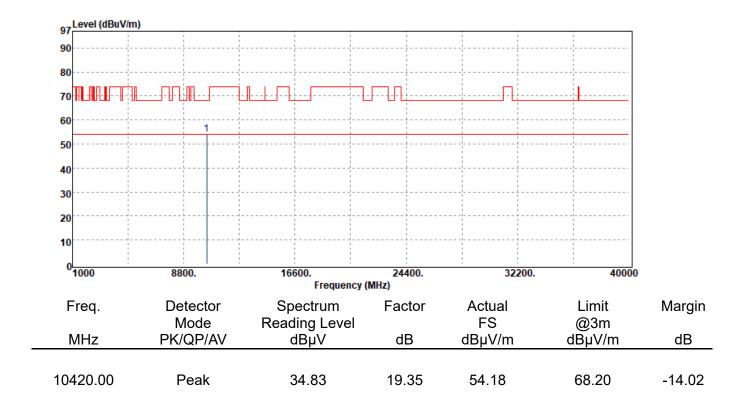
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-04

Test Frequency :5210 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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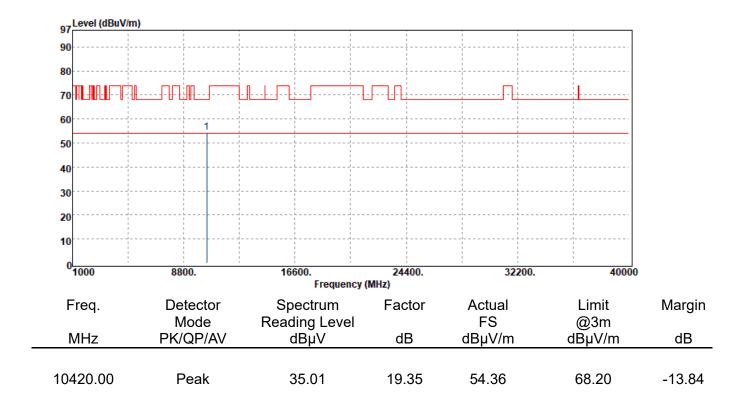
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-04 :802.11ac80

Test Frequency :5210 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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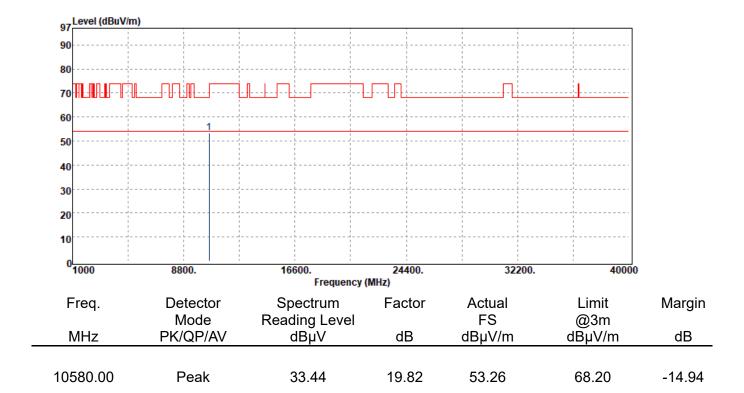
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-04

Test Frequency :5290 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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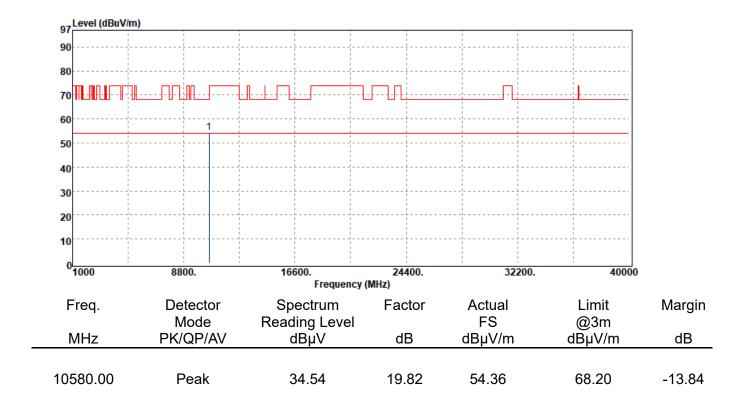
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-04

Test Frequency :5290 MHz Temp./Humi. :21.3/62

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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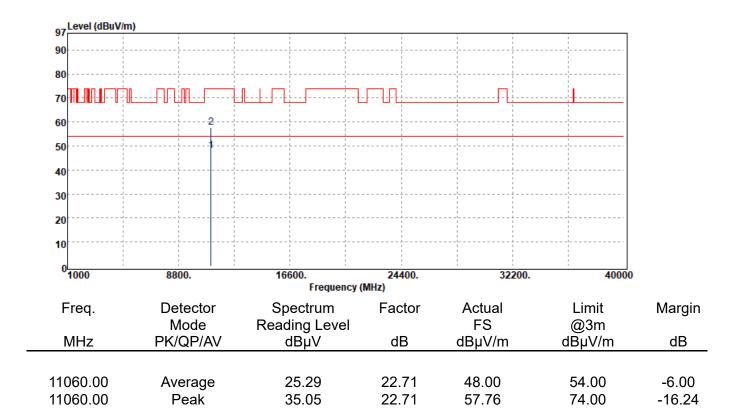
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11ac80

Test Frequency :5530 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-05

Test Frequency :5530 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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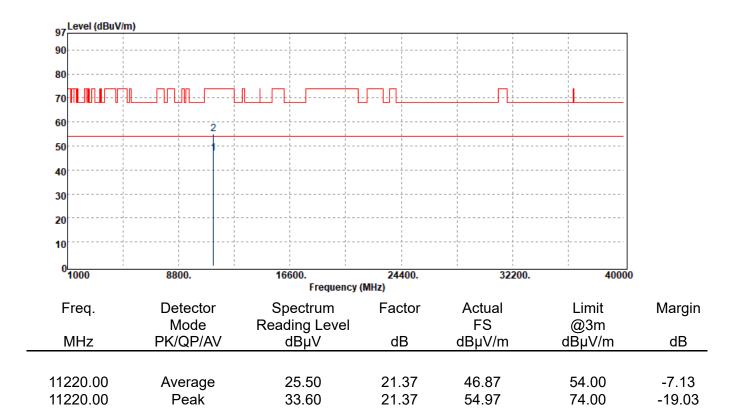
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11ac80

Test Frequency :5610 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-05

Test Frequency :5610 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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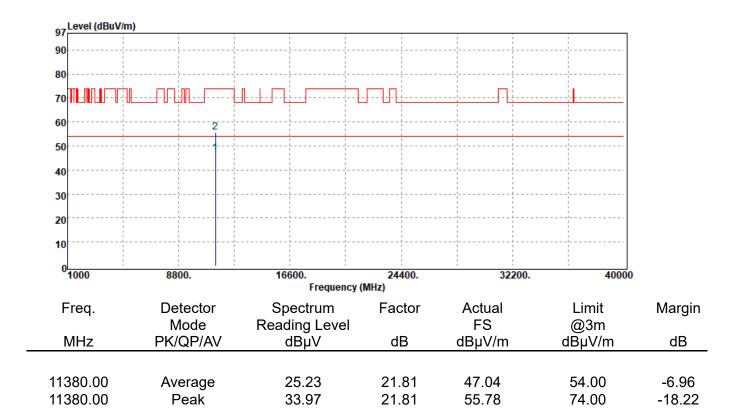
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-05

Test Frequency :5690 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11ac80

Test Frequency :5690 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11ac80

Test Frequency Temp./Humi. :5775 MHz :21.8/63

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-03-05

Test Frequency :5775 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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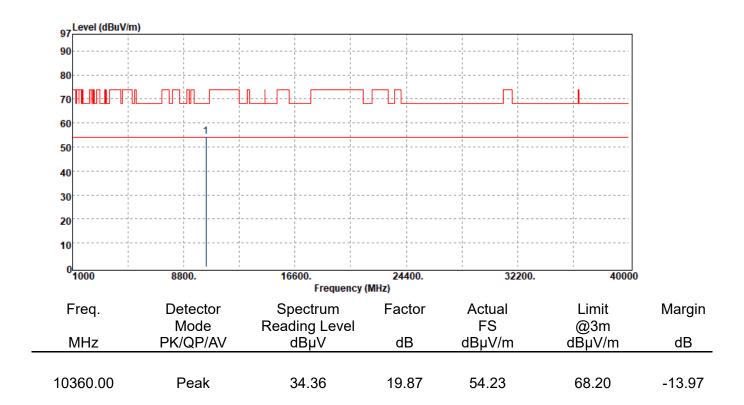
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 Test Date :2021-03-05

Test Frequency :5180 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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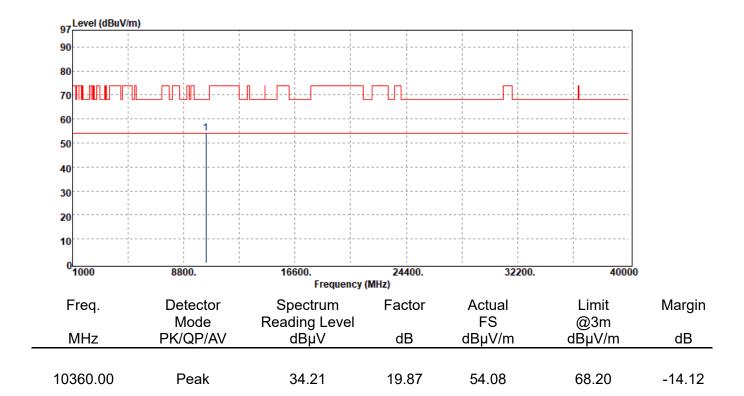
Report Number :ER-2021-20085 **Test Site** :SAC III Chamber

Operation Mode Test Date :2021-03-05 :802.11ax20

Test Frequency :5180 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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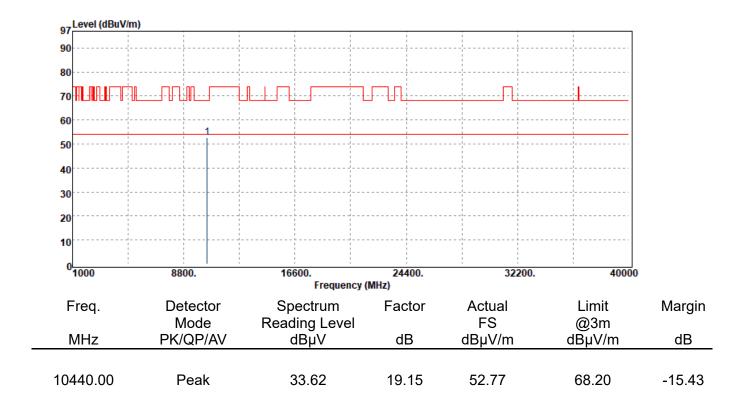
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 Test Date :2021-03-05

Test Frequency :5220 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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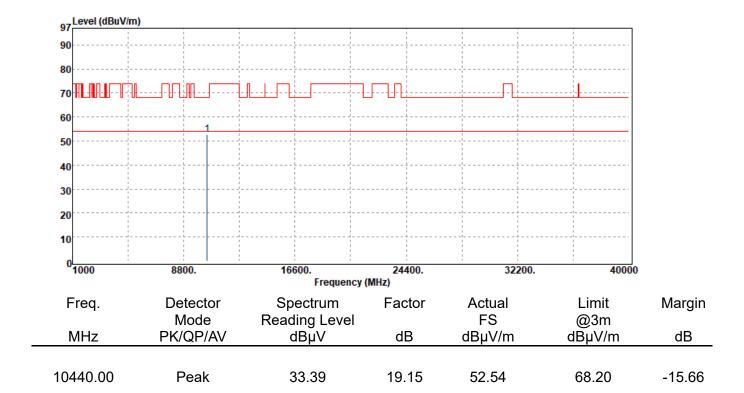
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 Test Date :2021-03-05

Test Frequency :5220 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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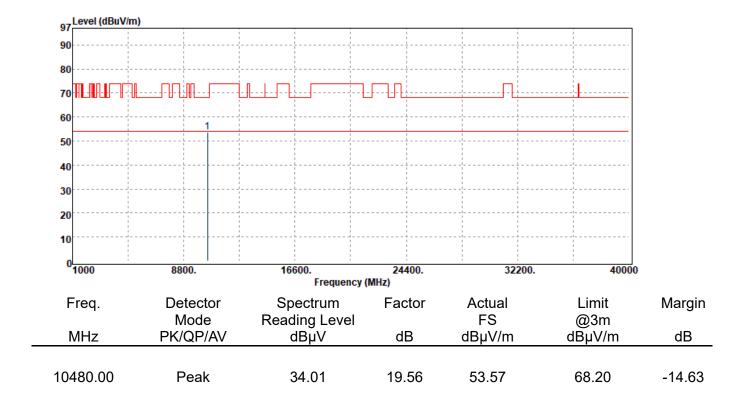
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 Test Date :2021-03-05

Test Frequency :5240 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :H Plane Engineer :Ricky



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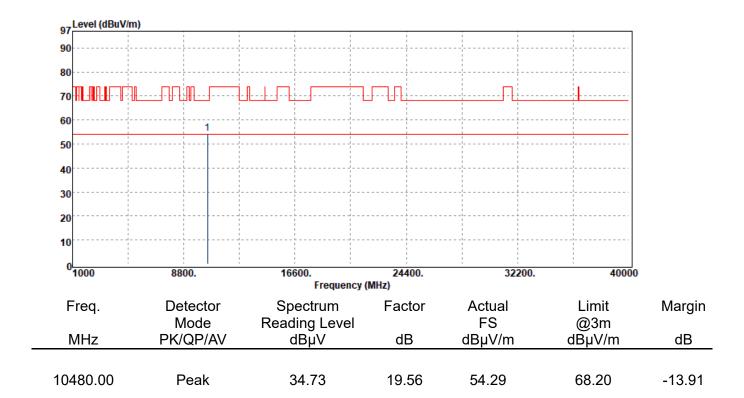
Report Number :ER-2021-20085 Test Site :SAC III Chamber

Operation Mode :802.11ax20 Test Date :2021-03-05

Test Frequency :5240 MHz Temp./Humi. :21.8/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :H Plane Engineer :Ricky



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