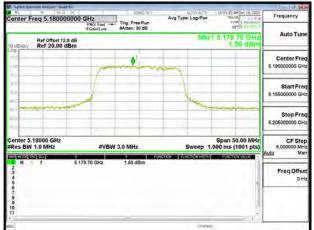
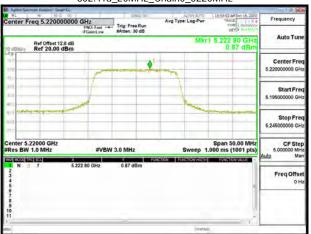


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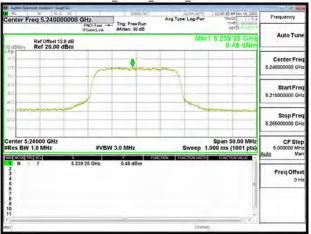
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802.11a 20MHz Chain0 5220MHz



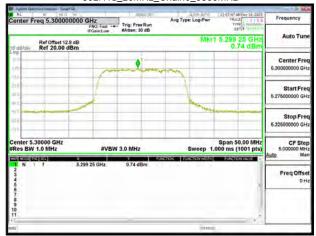
802.11a 20MHz Chain0 5240MHz



802.11a_20MHz_Chain0_5260MHz



802.11a 20MHz Chain0 5300MHz



802.11a 20MHz Chain0 5320MHz



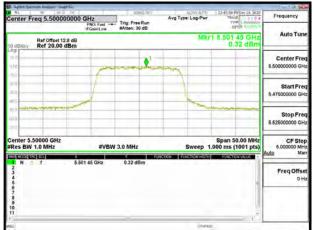
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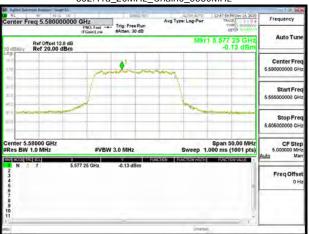


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802.11a_20MHz_Chain0_5500MHz



802.11a 20MHz Chain0 5580MHz



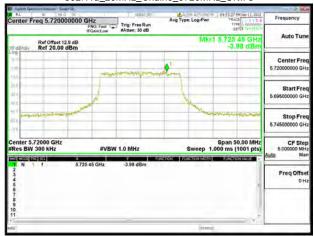
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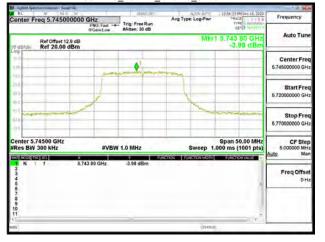
802.11a_20MHz_Chain0_5720MHz_UNII 2C



802.11a 20MHz Chain0 5720MHz UNII 3



802.11a 20MHz Chain0 5745MHz



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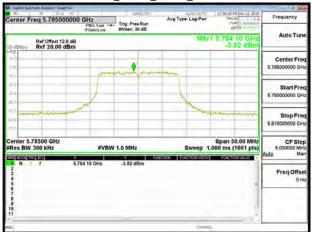
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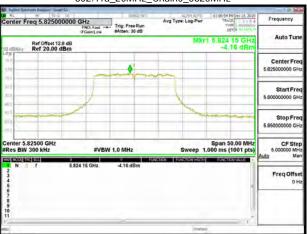


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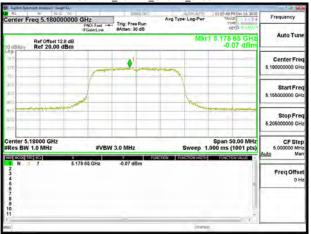
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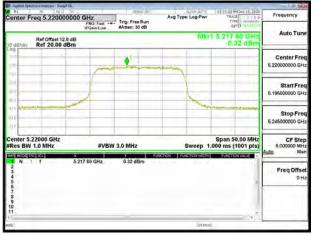
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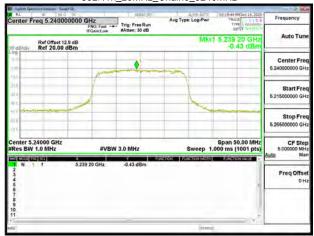
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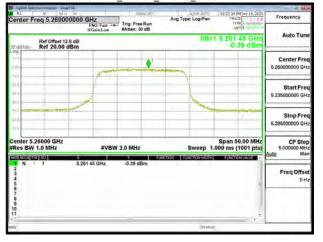
802.11n_20MHz_Chain0_5220MHz



802.11n 20MHz Chain0 5240MHz



802.11n 20MHz Chain0 5260MHz



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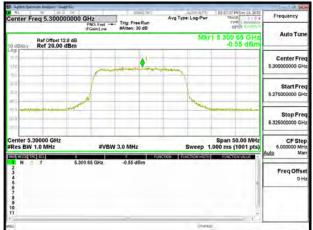
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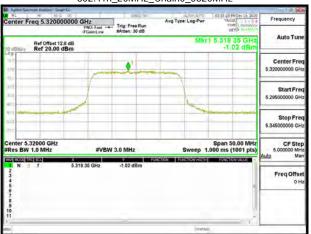


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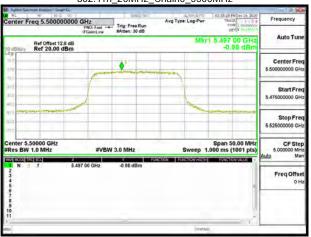
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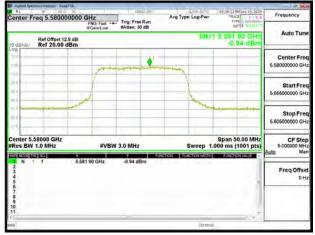
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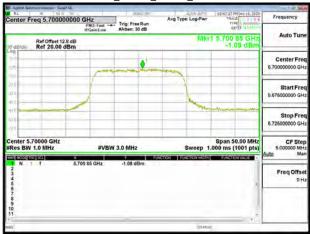
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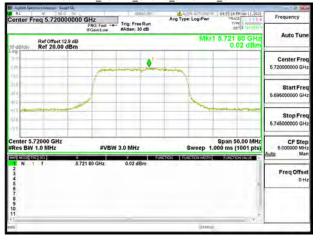
802.11n_20MHz_Chain0_5580MHz



802.11n 20MHz Chain0 5700MHz



802.11n 20MHz Chain0 5720MHz UNII 2C



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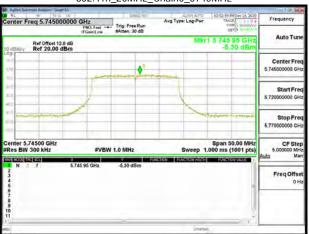


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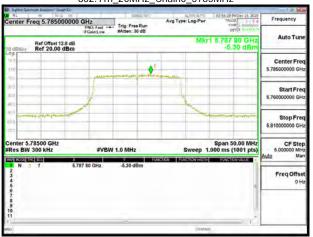
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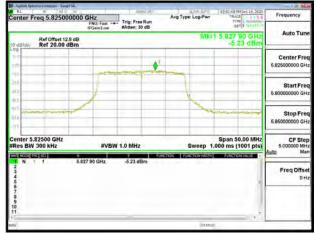
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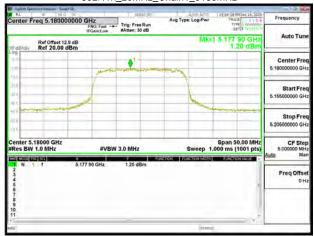
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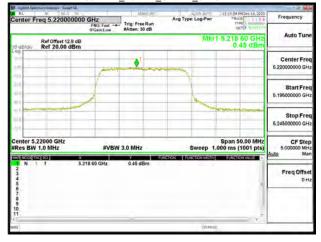
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802.11n 20MHz Chain1 5180MHz



802.11n 20MHz Chain1 5220MHz



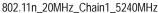
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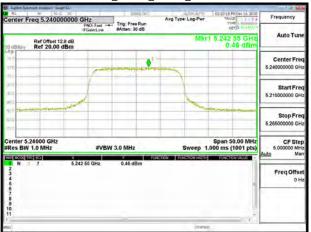
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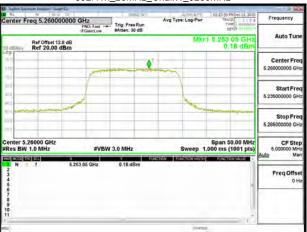


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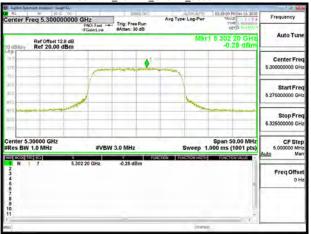




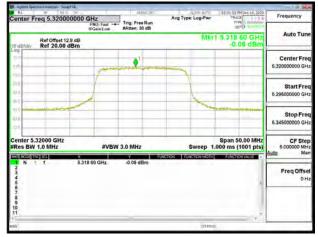
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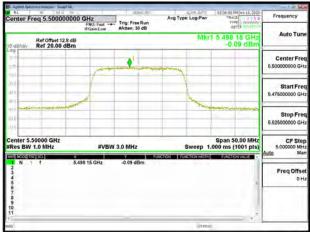
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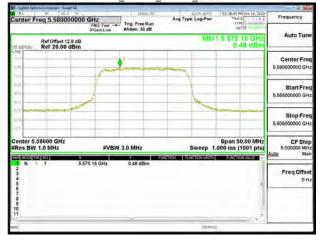
802.11n_20MHz_Chain1_5320MHz



802.11n_20MHz_Chain1_5500MHz



802.11n 20MHz Chain1 5580MHz



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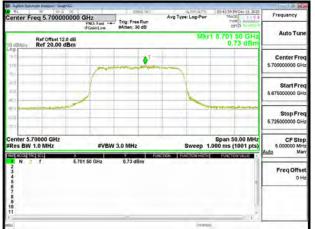
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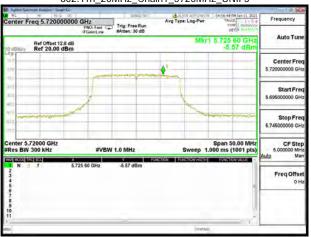
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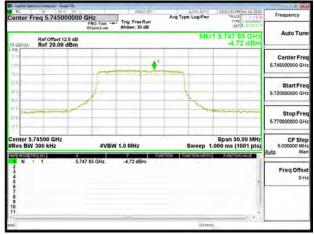
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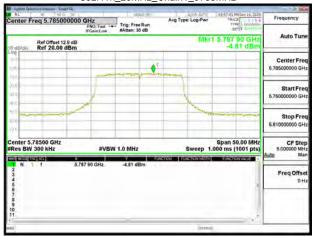
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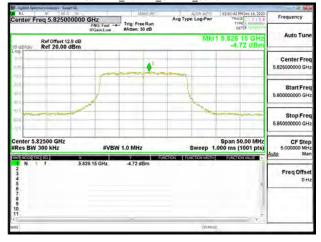
802.11n_20MHz_Chain1_5745MHz



802.11n 20MHz Chain1 5785MHz



802.11n 20MHz Chain1 5825MHz



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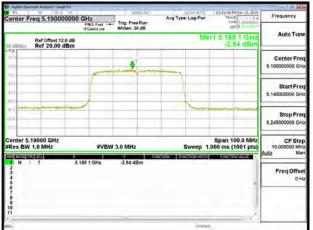
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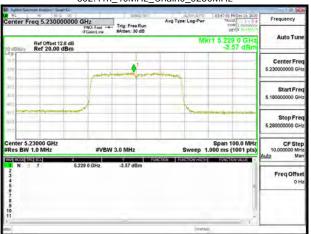


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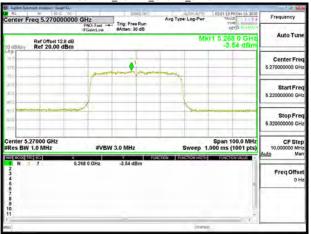
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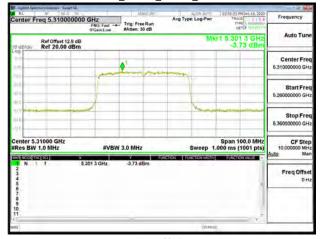
802.11n 40MHz Chain0 5230MHz



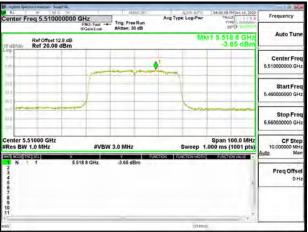
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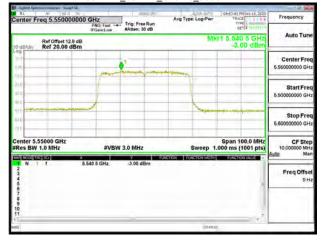
802.11n_40MHz_Chain0_5310MHz



802.11n 40MHz Chain0 5510MHz



802.11n 40MHz Chain0 5550MHz



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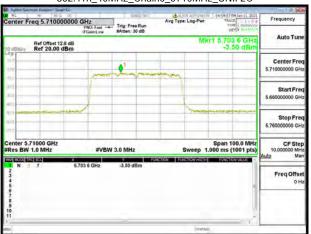


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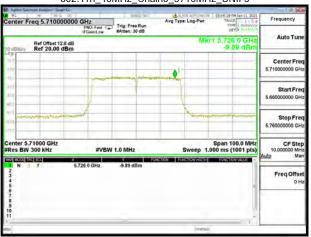
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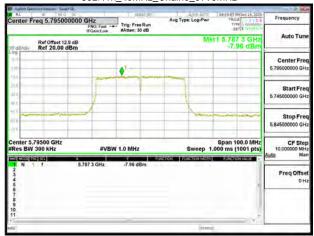
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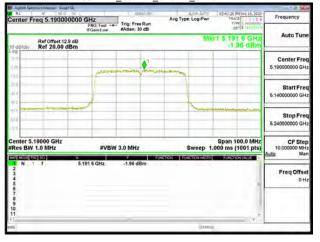
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802.11n 40MHz Chain0 5795MHz



802.11n 40MHz Chain1 5190MHz



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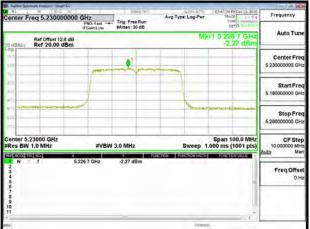
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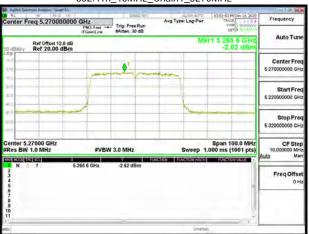


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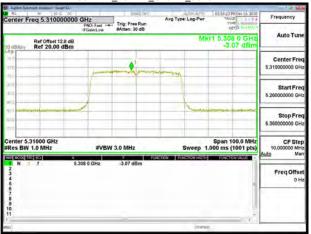
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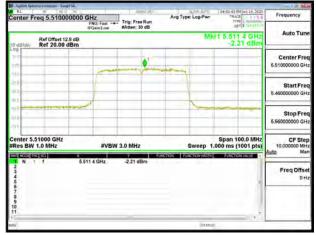
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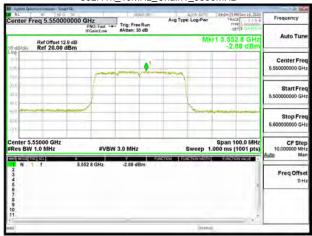
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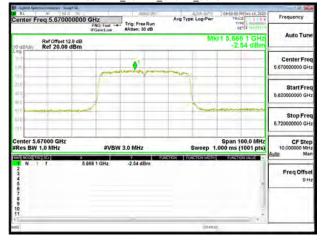
802.11n_40MHz_Chain1_5510MHz



802.11n 40MHz Chain1 5550MHz



802.11n 40MHz Chain1 5670MHz



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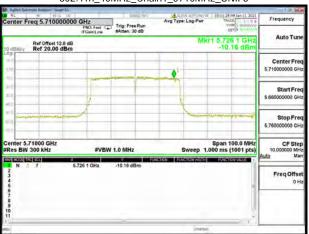


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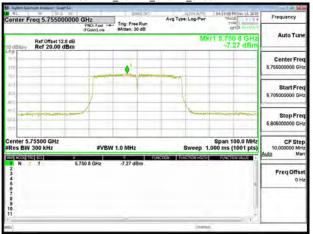
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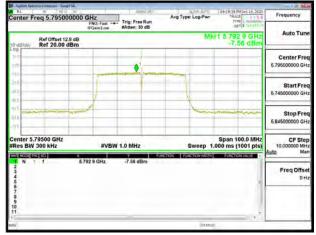
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802.11n 40MHz Chain1 5755MHz



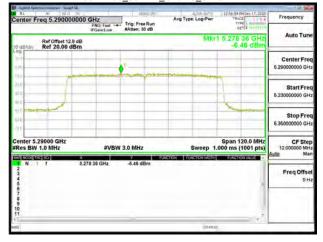
802.11n_40MHz_Chain1_5795MHz



802.11ac 80MHz Chain0 5210MHz



802.11ac 80MHz Chain0 5290MHz



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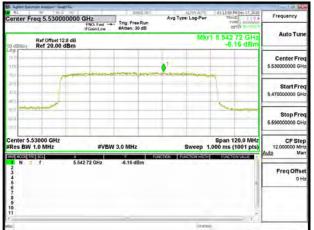
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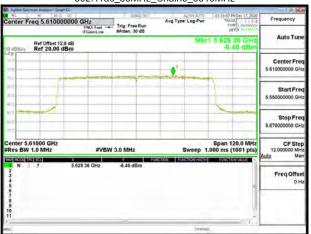


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802.11ac_80MHz_Chain0_5530MHz



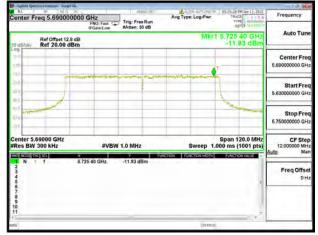
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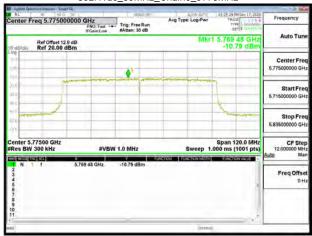
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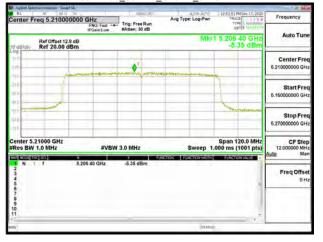
802.11ac_80MHz_Chain0_5690MHz_UNII 3



802.11ac 80MHz Chain0 5775MHz



802.11ac 80MHz Chain1 5210MHz



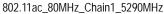
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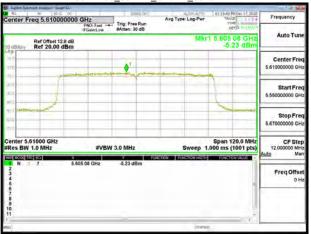




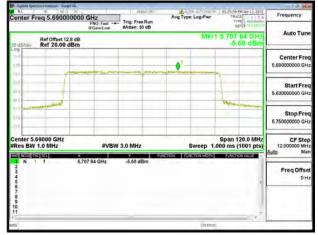
802.11ac 80MHz Chain1 5530MHz



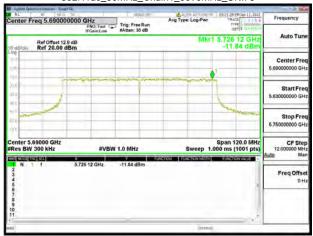
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802.11ac_80MHz_Chain1_5690MHz_UNII 2C



802.11ac 80MHz Chain1 5690MHz UNII 3



802.11ac 80MHz Chain1 5775MHz



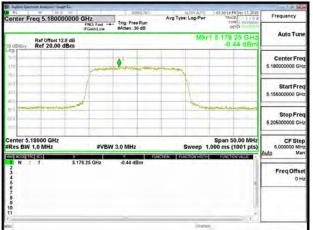
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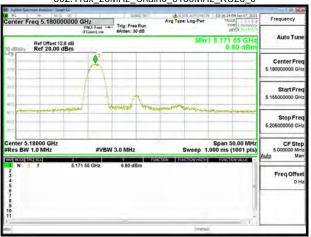
802.11ax_20MHz_Chain0_5180MHz



802.11ax 20MHz Chain0 5180MHz RU106 53



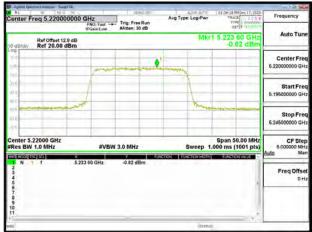
802.11ax 20MHz Chain0 5180MHz RU26 0



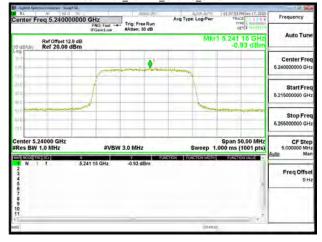
802.11ax_20MHz_Chain0_5180MHz_RU52_37



802.11ax_20MHz_Chain0_5220MHz



802.11ax 20MHz Chain0 5240MHz



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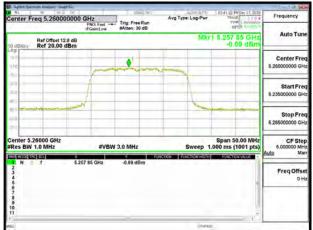
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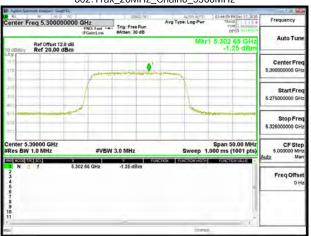


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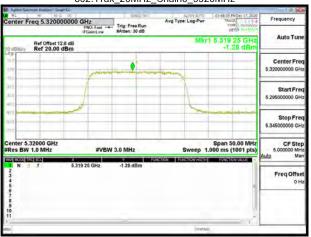
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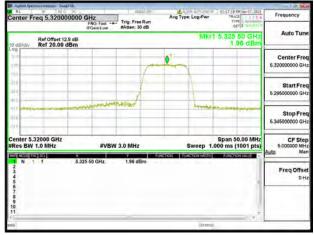
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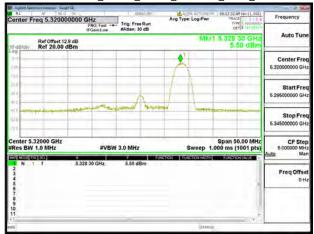
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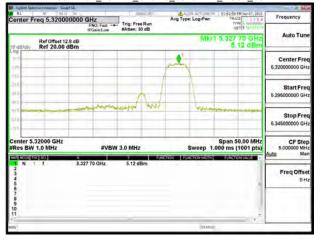
802.11ax_20MHz_Chain0_5320MHz_RU106_54



802.11ax 20MHz Chain0 5320MHz RU26 8



802.11ax 20MHz Chain0 5320MHz RU52 40



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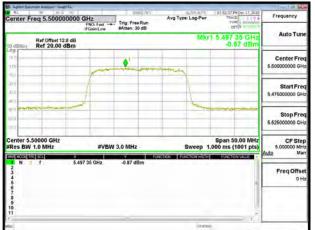
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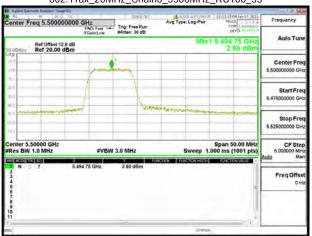


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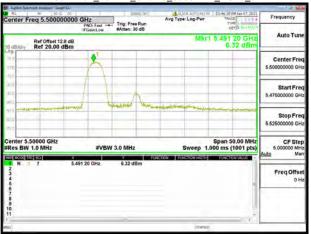
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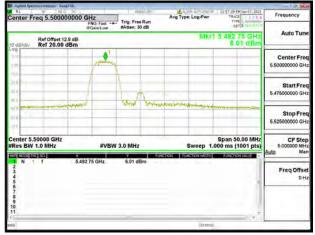
802.11ax 20MHz Chain0 5500MHz RU106 53



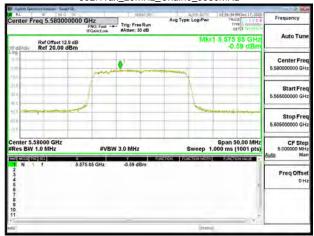
802.11ax 20MHz Chain0 5500MHz RU26 0



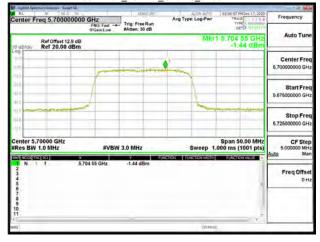
802.11ax_20MHz_Chain0_5500MHz_RU52_37



802.11ax 20MHz Chain0 5580MHz



802.11ax 20MHz Chain0 5700MHz



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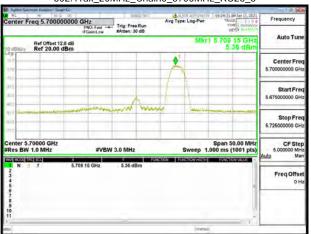


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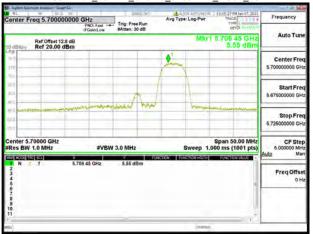
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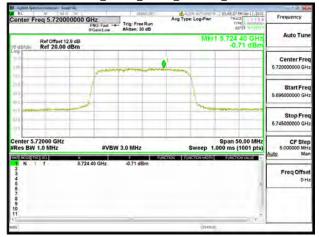
802.11ax 20MHz Chain0 5700MHz RU26 8



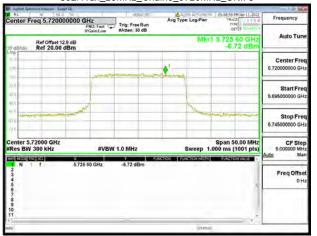
802.11ax 20MHz Chain0 5700MHz RU52 40



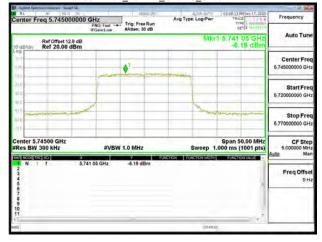
802.11ax_20MHz_Chain0_5720MHz_UNII 2C



802.11ax 20MHz Chain0 5720MHz UNII 3



802.11ax 20MHz Chain0 5745MHz



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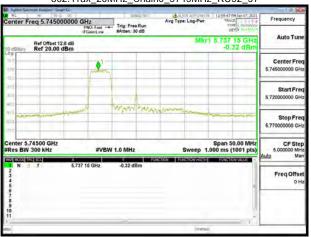
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802.11ax 20MHz Chain0 5745MHz RU26 0



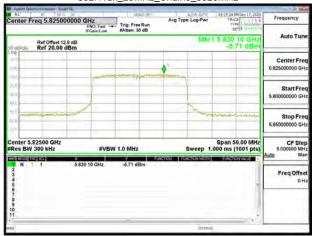
802.11ax_20MHz_Chain0_5745MHz_RU52 37



802.11ax_20MHz_Chain0_5785MHz



802.11ax 20MHz Chain0 5825MHz



802.11ax 20MHz Chain0 5825MHz RU106 54



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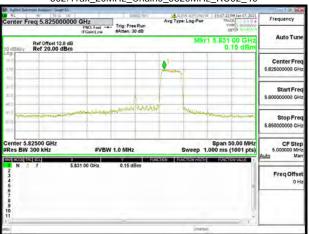


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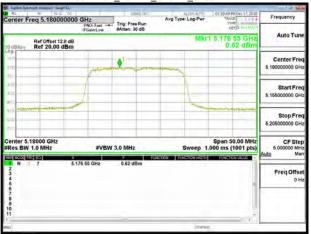
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802.11ax 20MHz Chain0 5825MHz RU52 40



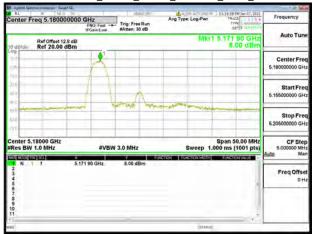
802.11ax 20MHz Chain1 5180MHz



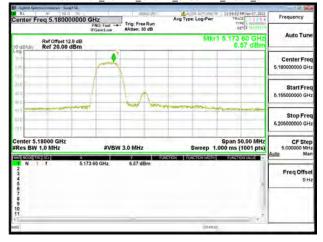
802.11ax_20MHz_Chain1_5180MHz_RU106_53



802.11ax 20MHz Chain1 5180MHz RU26 0



802.11ax 20MHz Chain1 5180MHz RU52 37



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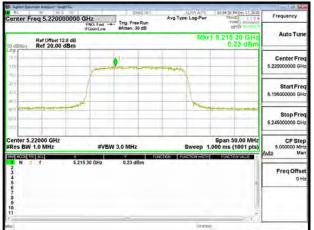
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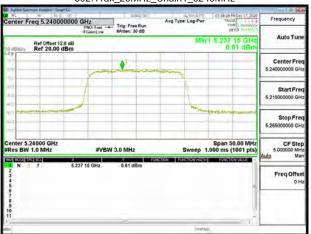


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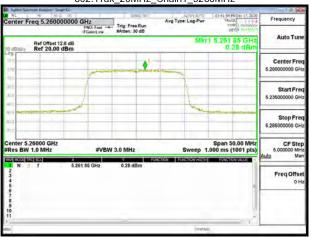
802.11ax_20MHz_Chain1_5220MHz



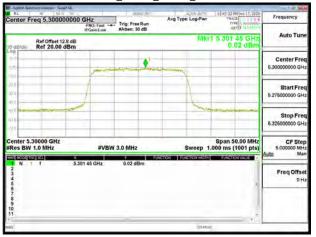
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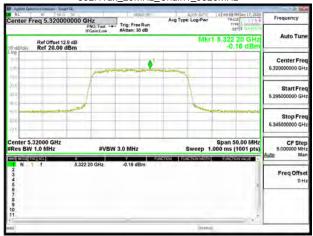
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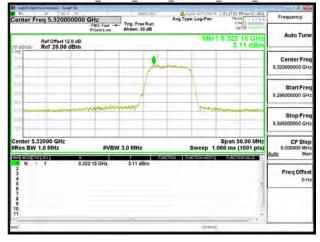
802.11ax_20MHz_Chain1_5300MHz



802.11ax 20MHz Chain1 5320MHz



802.11ax_20MHz_Chain1_5320MHz_RU106_54



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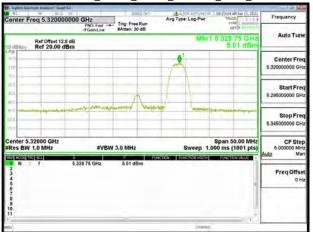
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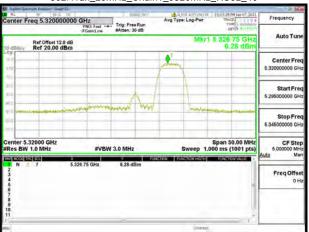


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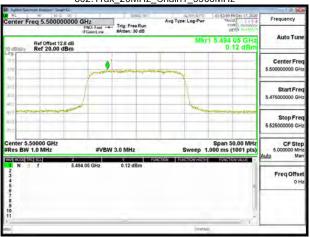
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802.11ax 20MHz Chain1 5320MHz RU52 40



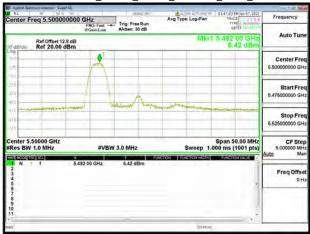
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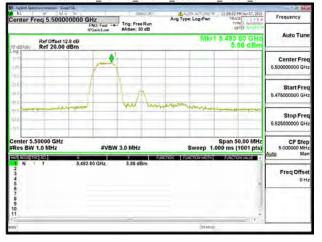
802.11ax_20MHz_Chain1_5500MHz_RU106_53



802.11ax 20MHz Chain1 5500MHz RU26 0



802.11ax 20MHz Chain1 5500MHz RU52 37



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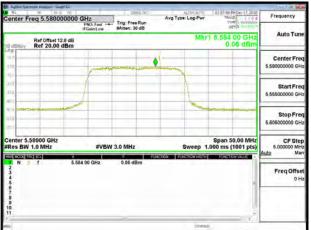
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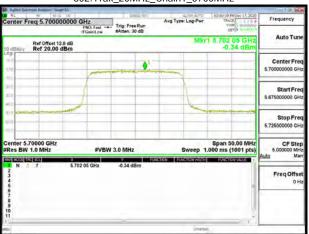


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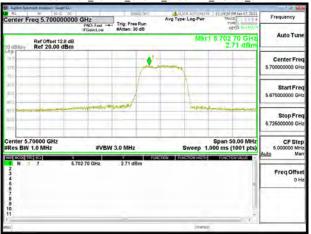
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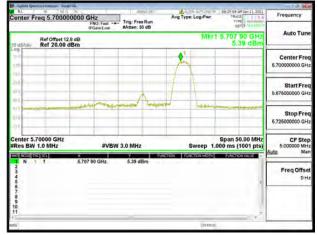
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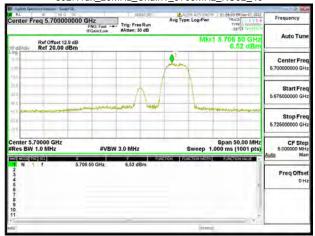
802.11ax_20MHz_Chain1_5700MHz_RU106 54



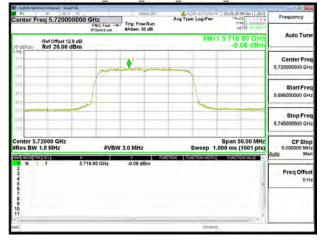
802.11ax_20MHz_Chain1_5700MHz_RU26_8



802.11ax 20MHz Chain1 5700MHz RU52 40



802.11ax_20MHz_Chain1_5720MHz_UNII 2C



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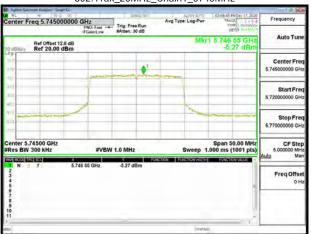


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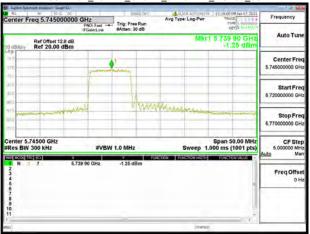
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802.11ax 20MHz Chain1 5745MHz



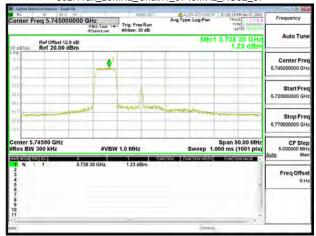
802.11ax_20MHz_Chain1_5745MHz_RU106 53



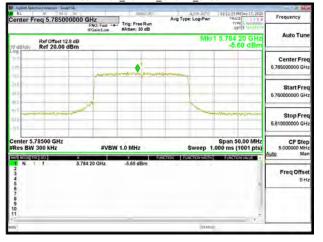
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802.11ax 20MHz Chain1 5745MHz RU52



802.11ax 20MHz Chain1 5785MHz



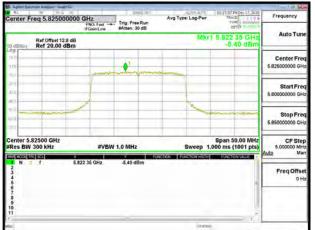
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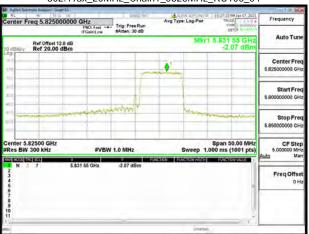


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802.11ax_20MHz_Chain1_5825MHz



5825MHz RU106 54 802.11ax 20MHz Chain1



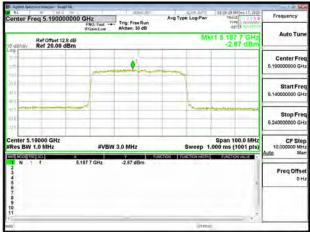
802.11ax 20MHz Chain1 5825MHz RU26 8



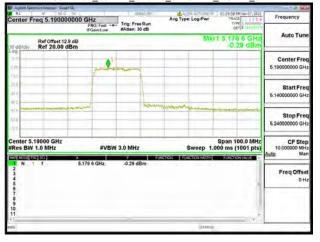
802.11ax_20MHz_Chain1_5825MHz_RU52_40



802.11ax 40MHz Chain0 5190MHz



802.11ax 40MHz Chain0 5190MHz RU242 61



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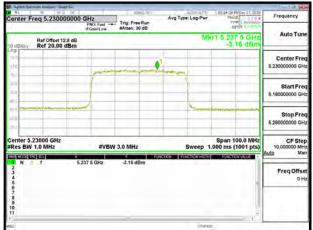
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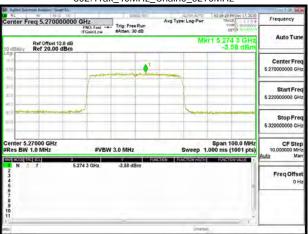


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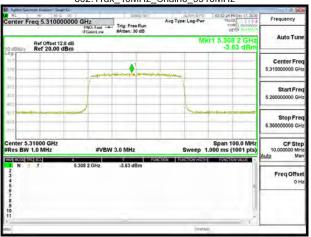
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802.11ax 40MHz Chain0 5270MHz



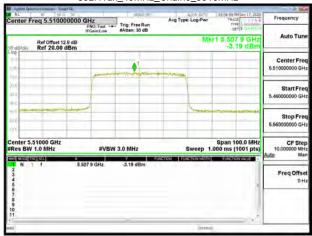
802.11ax 40MHz Chain0 5310MHz



802.11ax_40MHz_Chain0_5310MHz_RU242_62



802.11ax 40MHz Chain0 5510MHz



802.11ax 40MHz Chain0 5510MHz RU242 61



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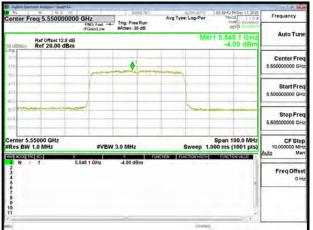
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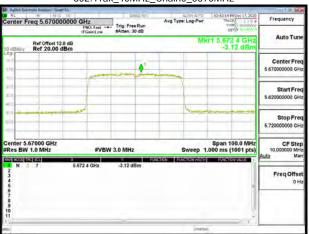


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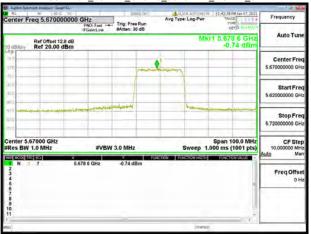
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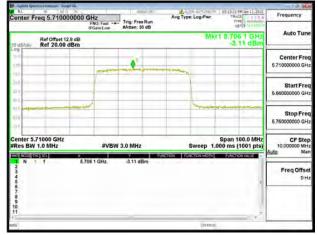
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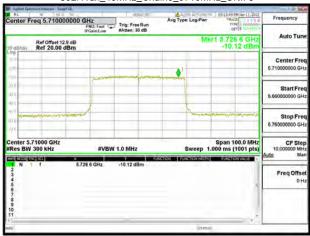
802.11ax_40MHz_Chain0_5670MHz_RU242 62



802.11ax_40MHz_Chain0_5710MHz_UNII 2C



802.11ax 40MHz Chain0 5710MHz UNII 3



802.11ax 40MHz Chain0 5755MHz



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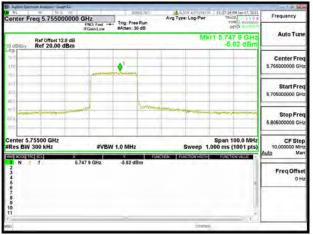
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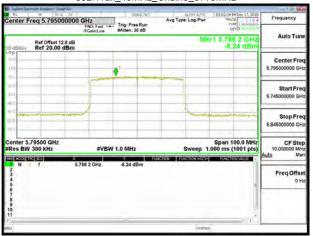


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802.11ax_40MHz_Chain0_5755MHz_RU242_61



802.11ax 40MHz Chain0 5795MHz



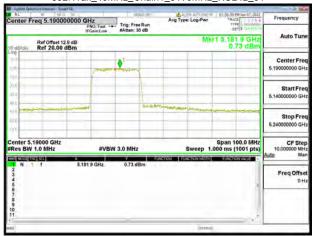
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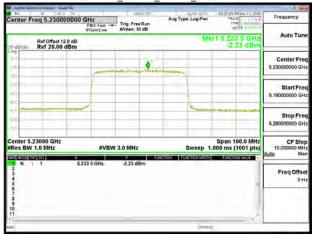
802.11ax_40MHz_Chain1_5190MHz



802.11ax 40MHz Chain1 5190MHz RU242 61



802.11ax 40MHz Chain1 5230MHz



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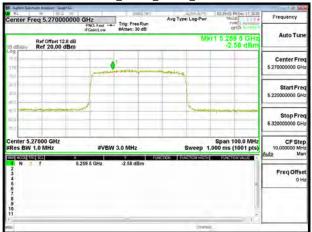
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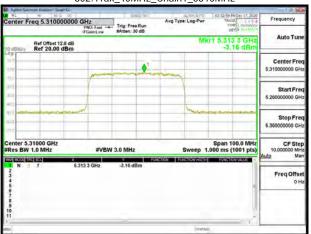


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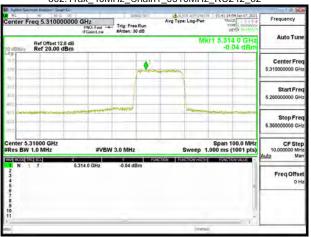
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802.11ax 40MHz Chain1 5310MHz



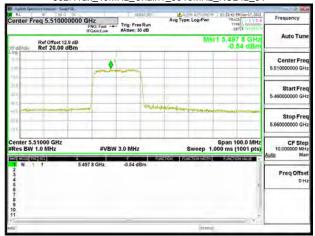
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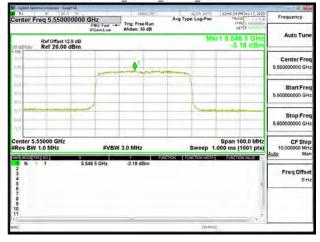
802.11ax_40MHz_Chain1_5510MHz



802.11ax 40MHz Chain1 5510MHz RU242 61



802.11ax 40MHz Chain1 5550MHz



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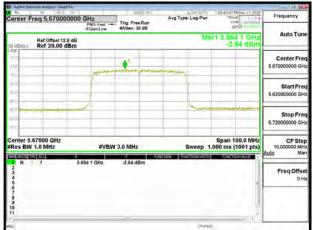
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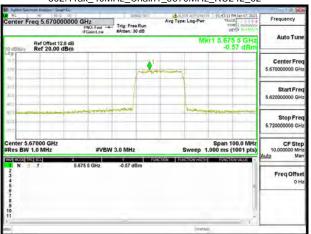


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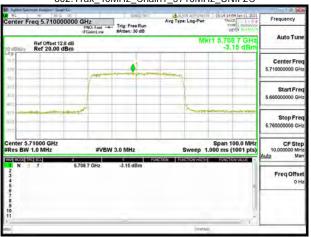
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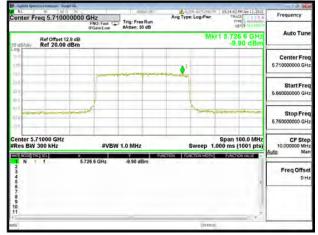
802.11ax 40MHz Chain1 5670MHz RU242 62



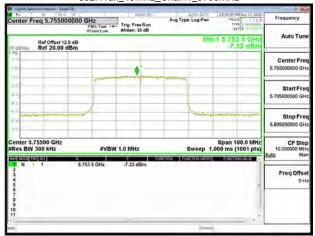
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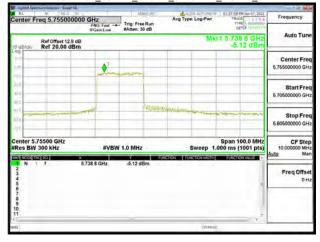
802.11ax_40MHz_Chain1_5710MHz_UNII 3



802.11ax 40MHz Chain1 5755MHz



802.11ax 40MHz Chain1 5755MHz RU242 61



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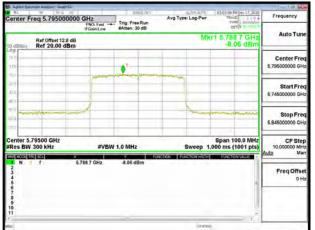
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802.11ax_40MHz_Chain1_5795MHz



5795MHz RU242 62 802.11ax 40MHz Chain1



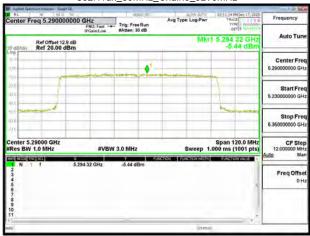
802.11ax 80MHz Chain0 5210MHz



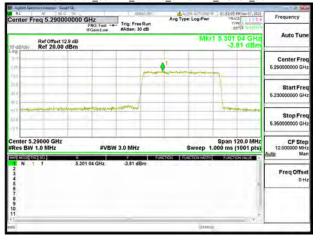
802.11ax_80MHz_Chain0_5210MHz_RU484_65



802.11ax 80MHz Chain0 5290MHz



802.11ax 80MHz Chain0 5290MHz RU484 66



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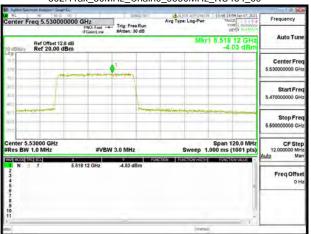


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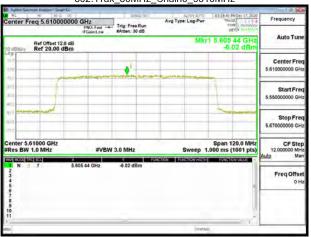
802.11ax_80MHz_Chain0_5530MHz



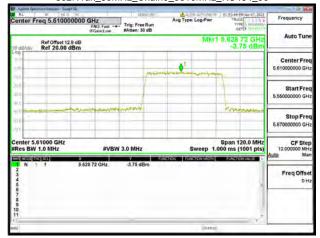
802.11ax 80MHz Chain0 5530MHz RU484 65



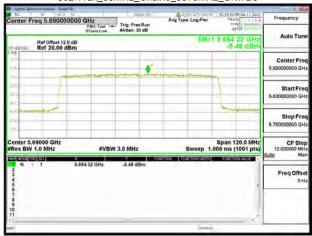
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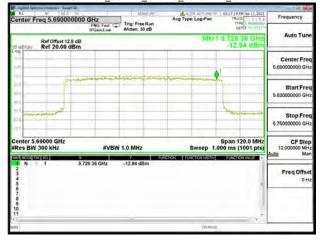
802.11ax_80MHz_Chain0_5610MHz_RU484_66



802.11ax 80MHz Chain0 5690MHz UNII 2C



802.11ax 80MHz Chain0 5690MHz UNII 3



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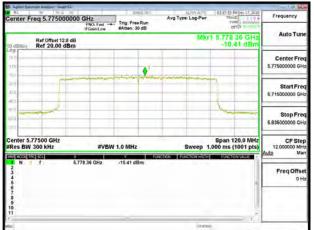
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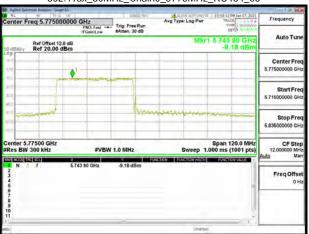


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802.11ax_80MHz_Chain0_5775MHz



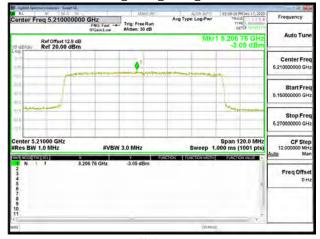
802.11ax 80MHz Chain0 5775MHz RU484 65



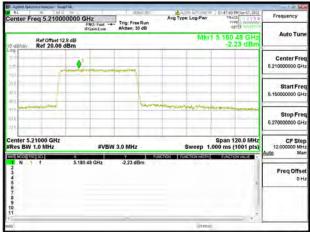
802.11ax_80MHz_Chain0_5775MHz_RU484 66



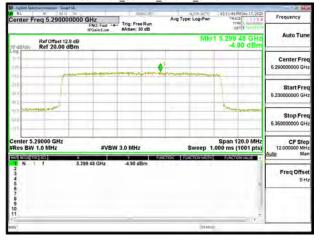
802.11ax_80MHz_Chain1_5210MHz



802.11ax 80MHz Chain1 5210MHz RU484 65



802.11ax 80MHz Chain1 5290MHz



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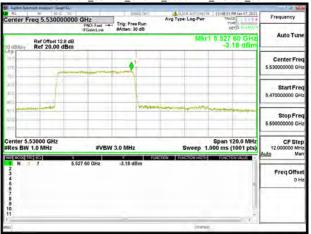
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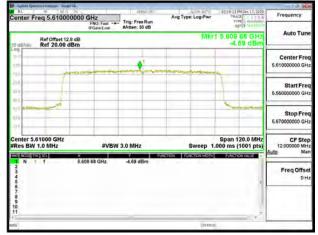
802.11ax 80MHz Chain1 5530MHz



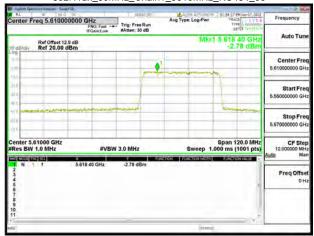
802.11ax_80MHz_Chain1_5530MHz_RU484 65



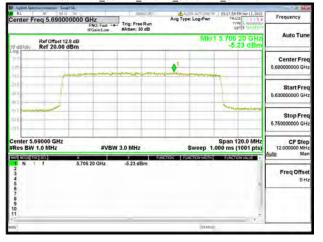
802.11ax_80MHz_Chain1_5610MHz



802.11ax 80MHz Chain1 5610MHz RU484 66



802.11ax_80MHz_Chain1_5690MHz_UNII 2C



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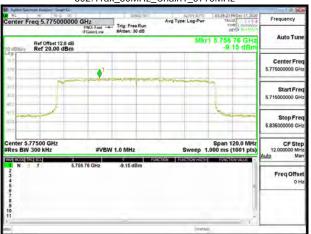


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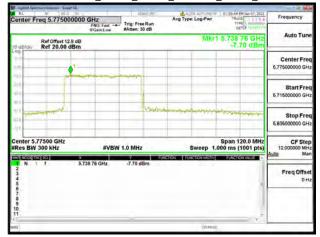
802.11ax_80MHz_Chain1_5690MHz_UNII 3



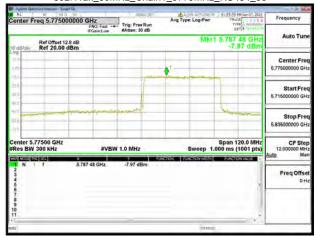
802.11ax 80MHz Chain1 5775MHz



802.11ax_80MHz_Chain1_5775MHz_RU484_65



802.11ax 80MHz Chain1 5775MHz RU484 66



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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) RSS-247 §6.2.1.2		
15.407(b)(2) RSS-247 §6.2.2.2	PK: -27 (dBm/MHz)	PK: 68.3 (dBµV/m)
15.407(b)(3) RSS-247 §6.2.3.2		
	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
RSS-247 §6.2.4.2	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:

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

Note:

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

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Measurement Equipment Used 11.2

	SGS SAC-III								
Name of Equip- ment	Manufacturer	Model	Serial Num- ber	Calibration Date	Calibration Due				
Horn Antenna	Schwarzbeck	BBHA9170	184	12/11/2020	12/10/2021				
Horn Antenna	Schwarzbeck	BBHA9120D	1441	10/16/2020	10/15/2021				
Bi-log Antenna	SCHWAZBECK	VULB9168	378	08/06/2020	08/05/2021				
Loop Antenna	ETS.LINDGREN	6502	148045	10/19/2020	10/18/2021				
PXA Spectrum An- alyzer	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				
Test Software	audix	e3	Ver. 6.11- 20180413	N.C.R	N.C.R				
Site Cal	SGS	SAC III chamber	N/A	01/01/2021	12/31/2021				
DC Power Supply	Agilent	E3640A	KR93300208	08/19/2020	08/18/2021				
DC Power Supply	Agilent	E3640A	MY40005907	10/29/2020	10/28/2021				

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

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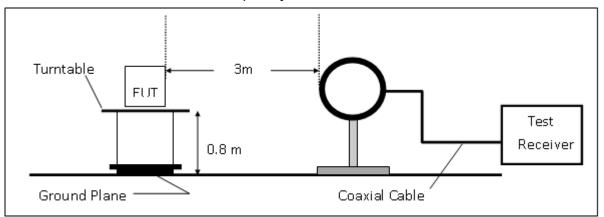
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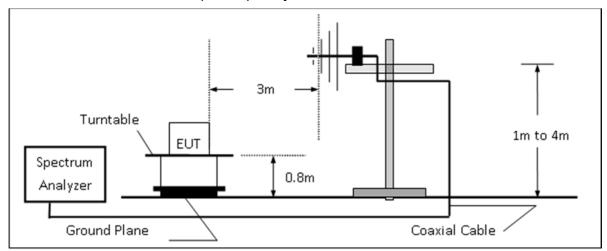
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11.3 **Test SET-UP**

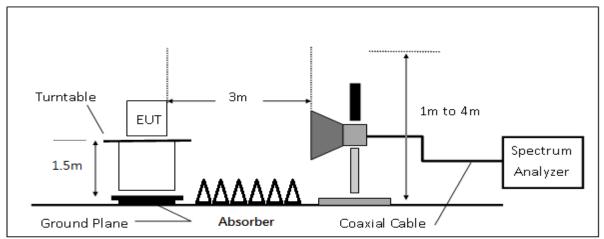
(A) Radiated Emission Test Set-UP Frequency Below 30MHz.



(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**

- The EUT was placed on a turn table which is 0.8m above ground plane.
- 2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules.
- 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.
- 5. 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: 7.
 - 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. 8.
- 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) & RSS-GEN §6.13.2 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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EUT Pol

Report No.: ER/2020/B0047

:Nick

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Engineer

11.7 Radiated Spurious Emission Measurement Result

11.7.1 Below 1GHz Worst-Case Data:

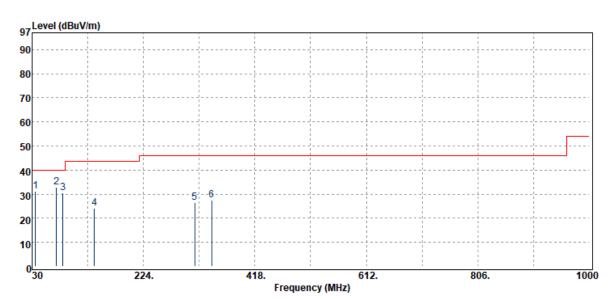
:E2 Plane

Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2021-01-12

Test Frequency :5220 MHz Temp./Humi. :21.0/39

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
35.82	Peak	40.16	-8.88	31.28	40.00	-8.72
72.68	Peak	43.75	-10.79	32.96	40.00	-7.04
83.35	Peak	43.43	-12.95	30.48	40.00	-9.52
138.64	Peak	31.91	-7.71	24.20	43.50	-19.30
313.24	Peak	32.31	-5.89	26.42	46.00	-19.58
342.34	Peak	32.55	-4.95	27.60	46.00	-18.40

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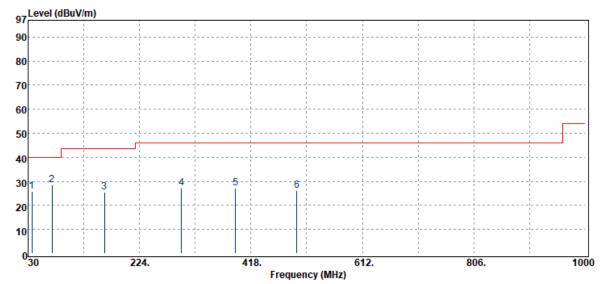
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2021-01-12 :802.11a

Test Frequency :5220 MHz Temp./Humi. :21.0/39

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Nick



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		· · · · · · · · · · · · · · · · · · ·		l ·		
36.79	Peak	34.83	-8.93	25.90	40.00	-14.10
71.71	Peak	39.11	-10.62	28.49	40.00	-11.51
162.89	Peak	32.88	-7.29	25.59	43.50	-17.91
296.75	Peak	33.14	-6.04	27.10	46.00	-18.90
390.84	Peak	31.52	-4.43	27.09	46.00	-18.91
497.54	Peak	28.97	-2.79	26.18	46.00	-19.82

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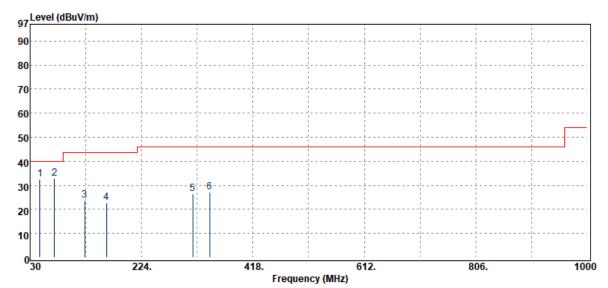
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2021-01-12

Test Frequency :5300 MHz Temp./Humi. :21.0/39

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Nick



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dΒμV/m	Limit @3m dBµV/m	Margin dB
47.46	Peak	40.55	-8.12	32.43	40.00	-7.57
72.68	Peak	43.55	-10.79	32.76	40.00	-7.24
125.06	Peak	32.90	-9.19	23.71	43.50	-19.79
162.89	Peak	30.25	-7.29	22.96	43.50	-20.54
313.24	Peak	32.29	-5.89	26.40	46.00	-19.60
342.34	Peak	32.14	-4.95	27.19	46.00	-18.81

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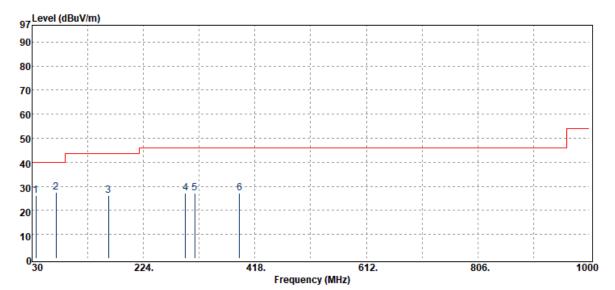
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2021-01-12

Test Frequency :5300 MHz Temp./Humi. :21.0/39

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Nick



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
36.79	Peak	35.23	-8.93	26.30	40.00	-13.70
71.71	Peak	38.11	-10.62	27.49	40.00	-12.51
162.89	Peak	33.56	-7.29	26.27	43.50	-17.23
296.75	Peak	33.21	-6.04	27.17	46.00	-18.83
313.24	Peak	33.04	-5.89	27.15	46.00	-18.85
390.84	Peak	31.76	-4.43	27.33	46.00	-18.67

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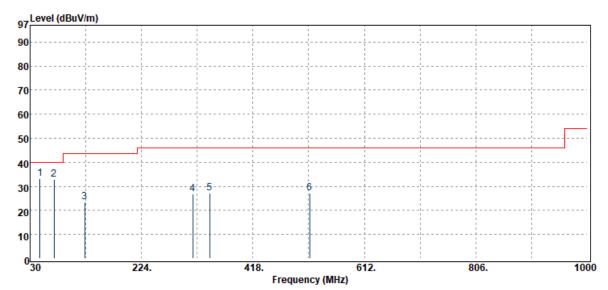
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2021-01-12 :802.11a

Test Frequency :5580 MHz Temp./Humi. :21.0/39

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Nick



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	11001110	αυμν	чь	авруин	авр улп	<u> </u>
47.46	Peak	41.28	-8.12	33.16	40.00	-6.84
71.71	Peak	43.61	-10.62	32.99	40.00	-7.01
125.06	Peak	32.83	-9.19	23.64	43.50	-19.86
313.24	Peak	32.71	-5.89	26.82	46.00	-19.18
342.34	Peak	32.30	-4.95	27.35	46.00	-18.65
516.94	Peak	30.17	-2.87	27.30	46.00	-18.70

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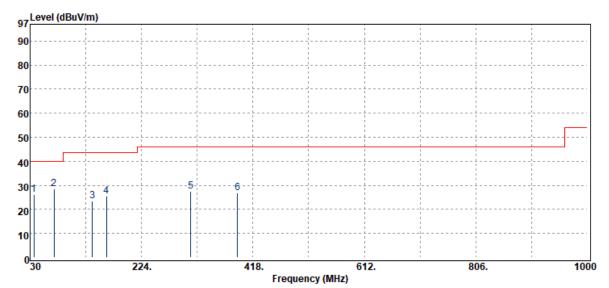
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2021-01-12 :802.11a

Test Frequency :5580 MHz Temp./Humi. :21.0/39

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Nick



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
				•	•	_
36.79	Peak	35.06	-8.93	26.13	40.00	-13.87
71.71	Peak	39.16	-10.62	28.54	40.00	-11.46
138.64	Peak	31.18	-7.71	23.47	43.50	-20.03
162.89	Peak	32.63	-7.29	25.34	43.50	-18.16
309.36	Peak	33.58	-5.95	27.63	46.00	-18.37
390.84	Peak	31.40	-4.43	26.97	46.00	-19.03

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Report Number :ER-2020-B0047

Operation Mode :802.11a

Test Frequency :5785 MHz

Test Mode :Tx CH Mid

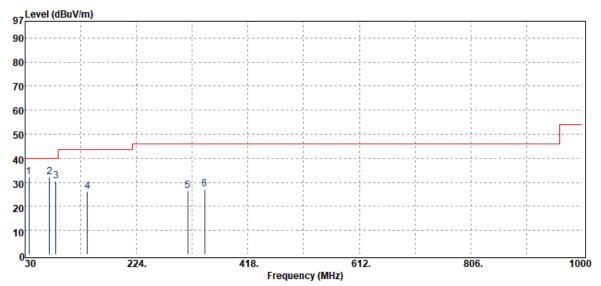
EUT Pol :E2 Plane Test Site :SAC III Chamber

Test Date :2021-01-12

Temp./Humi. :21.0/39

Antenna Pol. :VERTICAL

Engineer :Nick



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	1 14 921 // 17	αυμν	ub_	авруин	авр улп	<u> </u>
36.79	Peak	41.17	-8.93	32.24	40.00	-7.76
72.68	Peak	43.09	-10.79	32.30	40.00	-7.70
83.35	Peak	43.40	-12.95	30.45	40.00	-9.55
138.64	Peak	33.72	-7.71	26.01	43.50	-17.49
313.24	Peak	32.36	-5.89	26.47	46.00	-19.53
342.34	Peak	32.30	-4.95	27.35	46.00	-18.65

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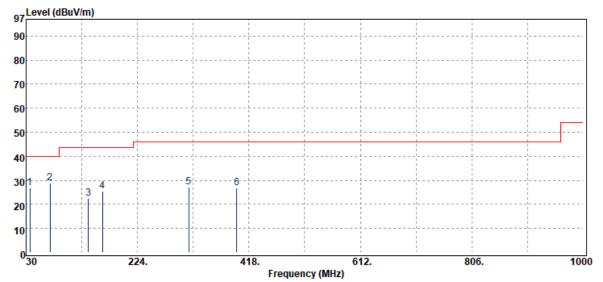
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2021-01-12

Test Frequency :5785 MHz Temp./Humi. :21.0/39

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Nick



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBμV/m	Limit @3m dBµV/m	Margin dB
36.79	Peak	35.81	-8.93	26.88	40.00	-13.12
71.71	Peak	39.63	-10.62	29.01	40.00	-10.99
138.64	Peak	30.32	-7.71	22.61	43.50	-20.89
162.89	Peak	32.86	-7.29	25.57	43.50	-17.93
313.24	Peak	33.00	-5.89	27.11	46.00	-18.89
396.66	Peak	31.18	-4.34	26.84	46.00	-19.16

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Report Number :ER-2020-B0047

Operation Mode :802.11ax80 RU full

Test Frequency :5210 MHz

Test Mode :Tx CH Low

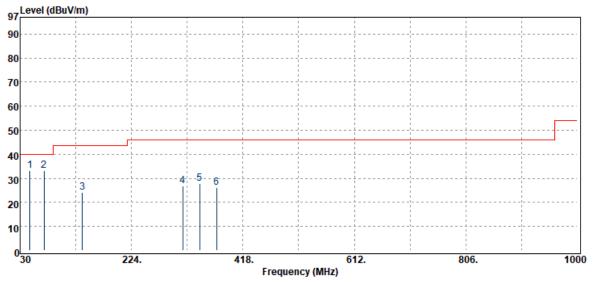
EUT Pol :E2 Plane Test Site :SAC III Chamber

Test Date :2021-01-12

Temp./Humi. :21.0/39

Antenna Pol. :VERTICAL

Engineer :Nick



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
47.46	Peak	41.46	-8.12	33.34	40.00	-6.66
71.71	Peak	44.01	-10.62	33.39	40.00	-6.61
138.64	Peak	31.72	-7.71	24.01	43.50	-19.49
313.24	Peak	32.59	-5.89	26.70	46.00	-19.30
342.34	Peak	32.77	-4.95	27.82	46.00	-18.18
372.41	Peak	30.70	-4.69	26.01	46.00	-19.99

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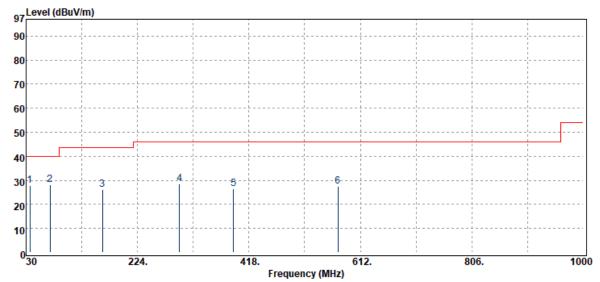
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax80 RU full **Test Date** :2021-01-12

Test Frequency :5210 MHz Temp./Humi. :21.0/39

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Nick



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBμV/m	Limit @3m dBµV/m	Margin dB
36.79	Peak	36.94	-8.93	28.01	40.00	-11.99
71.71	Peak	38.98	-10.62	28.36	40.00	-11.64
162.89	Peak	33.58	-7.29	26.29	43.50	-17.21
296.75	Peak	34.51	-6.04	28.47	46.00	-17.53
390.84	Peak	30.99	-4.43	26.56	46.00	-19.44
573.20	Peak	27.99	-0.56	27.43	46.00	-18.57

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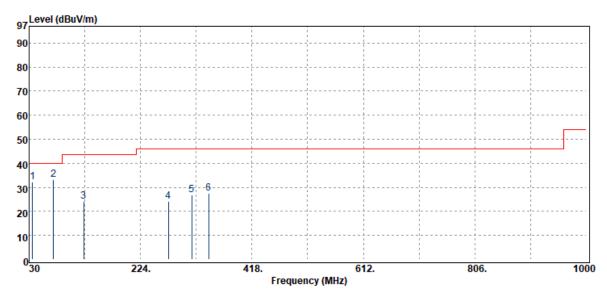
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax80 RU full **Test Date** :2021-01-12

Test Frequency :5290 MHz Temp./Humi. :21.0/39

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Nick



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dΒμV/m	dB
35.82	Peak	41.15	-8.88	32.27	40.00	-7.73
72.68	Peak	43.94	-10.79	33.15	40.00	-6.85
125.06	Peak	33.25	-9.19	24.06	43.50	-19.44
272.50	Peak	31.21	-6.91	24.30	46.00	-21.70
313.24	Peak	32.79	-5.89	26.90	46.00	-19.10
342.34	Peak	32.48	-4.95	27.53	46.00	-18.47

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:E2 Plane

EUT Pol

Report No.: ER/2020/B0047

:Nick

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Engineer

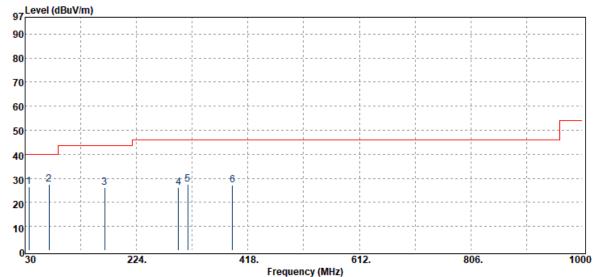
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ax80 RU full Test Date :2021-01-12

Test Frequency :5290 MHz Temp./Humi. :21.0/39

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL





Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBμV/m	Limit @3m dBµV/m	Margin dB
36.79	Peak	35.36	-8.93	26.43	40.00	-13.57
71.71	Peak	38.11	-10.62	27.49	40.00	-12.51
168.71	Peak	33.89	-7.64	26.25	43.50	-17.25
296.75	Peak	32.15	-6.04	26.11	46.00	-19.89
313.24	Peak	33.26	-5.89	27.37	46.00	-18.63
390.84	Peak	31.49	-4.43	27.06	46.00	-18.94

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:SAC III Chamber

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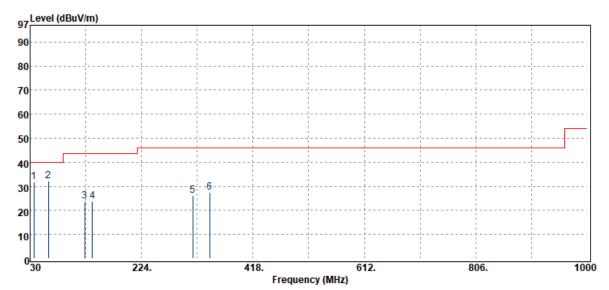
Report Number Test Site :ER-2020-B0047

Operation Mode :802.11ax80 RU full **Test Date** :2021-01-12

Test Frequency :5610 MHz Temp./Humi. :21.0/39

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Nick



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	арр ү/ш	чь
36.79	Peak	40.83	-8.93	31.90	40.00	-8.10
62.01	Peak	41.35	-9.06	32.29	40.00	-7.71
125.06	Peak	32.98	-9.19	23.79	43.50	-19.71
138.64	Peak	31.40	-7.71	23.69	43.50	-19.81
313.24	Peak	32.18	-5.89	26.29	46.00	-19.71
342.34	Peak	32.60	-4.95	27.65	46.00	-18.35

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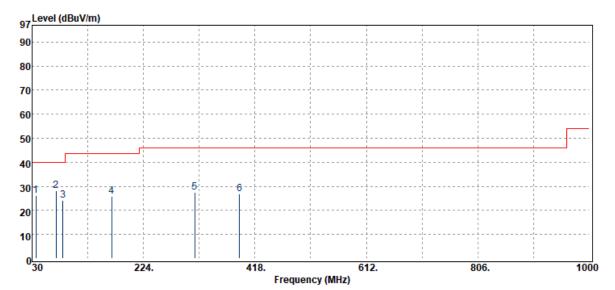
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ax80 RU full Test Date :2021-01-12

Test Frequency :5610 MHz Temp./Humi. :21.0/39

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Nick



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dΒμV/m	dB
36.79	Peak	35.18	-8.93	26.25	40.00	-13.75
71.71	Peak	38.70	-10.62	28.08	40.00	-11.92
83.35	Peak	37.05	-12.95	24.10	40.00	-15.90
168.71	Peak	33.47	-7.64	25.83	43.50	-17.67
313.24	Peak	33.40	-5.89	27.51	46.00	-18.49
390.84	Peak	31.15	-4.43	26.72	46.00	-19.28

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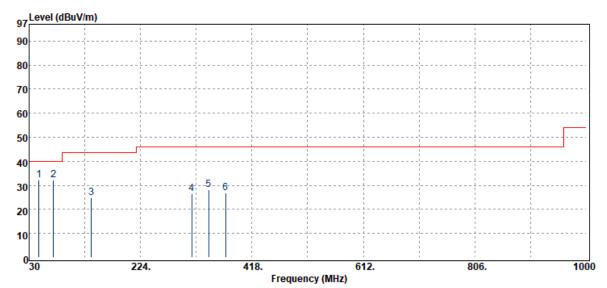
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax80 RU full **Test Date** :2021-01-12

Test Frequency :5775 MHz Temp./Humi. :21.0/39

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Nick



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBμV/m	Limit @3m dBµV/m	Margin dB
47.46	Peak	40.41	-8.12	32.29	40.00	-7.71
72.68	Peak	43.15	-10.79	32.36	40.00	-7.64
138.64	Peak	32.47	-7.71	24.76	43.50	-18.74
313.24	Peak	32.55	-5.89	26.66	46.00	-19.34
342.34	Peak	33.13	-4.95	28.18	46.00	-17.82
372.41	Peak	31.47	-4.69	26.78	46.00	-19.22

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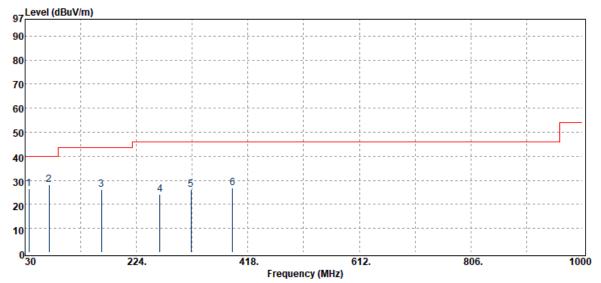
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax80 RU full **Test Date** :2021-01-12

Test Frequency :5775 MHz Temp./Humi. :21.0/39

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Nick



Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
PK/QP/AV	dBµV	dВ	dBµV/m	dBµV/m	dB
Peak	35.34	-8.93	26.41	40.00	-13.59
Peak	38.79	-10.62	28.17	40.00	-11.83
Peak	33.41	-7.29	26.12	43.50	-17.38
Peak	31.38	-7.31	24.07	46.00	-21.93
Peak	31.85	-5.77	26.08	46.00	-19.92
Peak	31.29	-4.43	26.86	46.00	-19.14
	Mode PK/QP/AV Peak Peak Peak Peak Peak Peak Peak	Mode PK/QP/AV Reading Level dBμV Peak 35.34 Peak 38.79 Peak 33.41 Peak 31.38 Peak 31.85	Mode PK/QP/AV Reading Level dBμV dB Peak 35.34 -8.93 Peak 38.79 -10.62 Peak 33.41 -7.29 Peak 31.38 -7.31 Peak 31.85 -5.77	Mode PK/QP/AV Reading Level dBμV FS dBμV/m Peak 35.34 -8.93 26.41 Peak 38.79 -10.62 28.17 Peak 33.41 -7.29 26.12 Peak 31.38 -7.31 24.07 Peak 31.85 -5.77 26.08	Mode PK/QP/AV Reading Level dBμV FS dBμV/m @3m dBμV/m Peak 35.34 -8.93 26.41 40.00 Peak 38.79 -10.62 28.17 40.00 Peak 33.41 -7.29 26.12 43.50 Peak 31.38 -7.31 24.07 46.00 Peak 31.85 -5.77 26.08 46.00

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11.7.2 Above 1GHz Worst-Case Data:

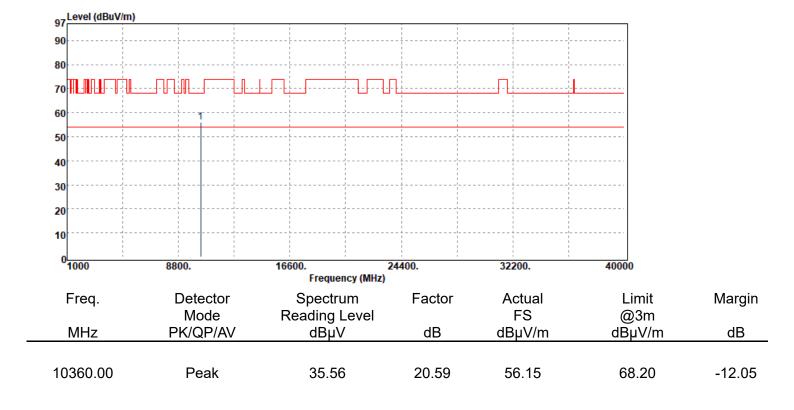
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2020-12-04

Test Frequency :5180 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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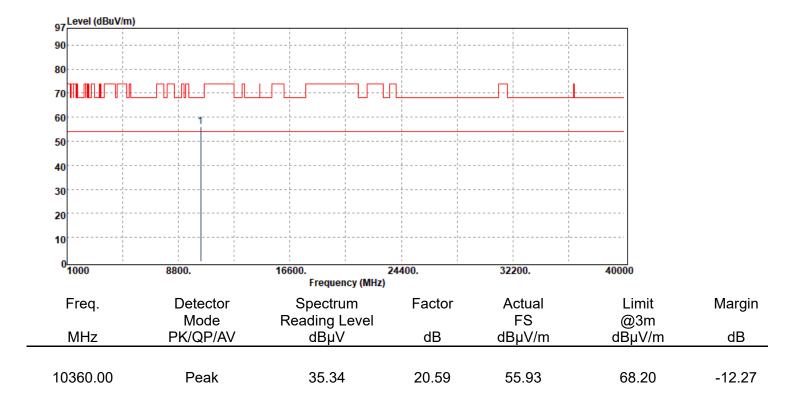
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11a

Test Frequency :5180 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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Test Mode

Report No.: ER/2020/B0047

:VERTICAL

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Antenna Pol.

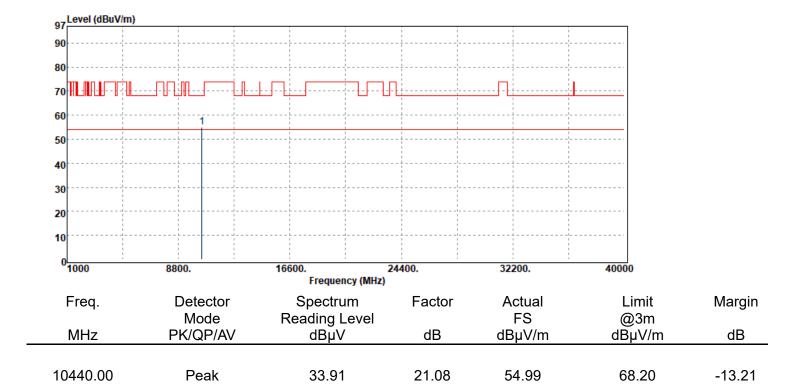
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11a

Test Frequency :5220 MHz Temp./Humi. :22.5/60

EUT Pol :E2 Plane Engineer :Ricky

:Tx CH Mid



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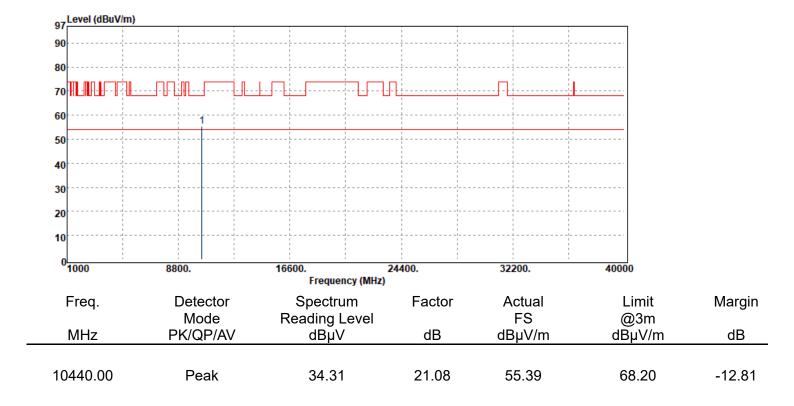
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2020-12-04

Test Frequency :5220 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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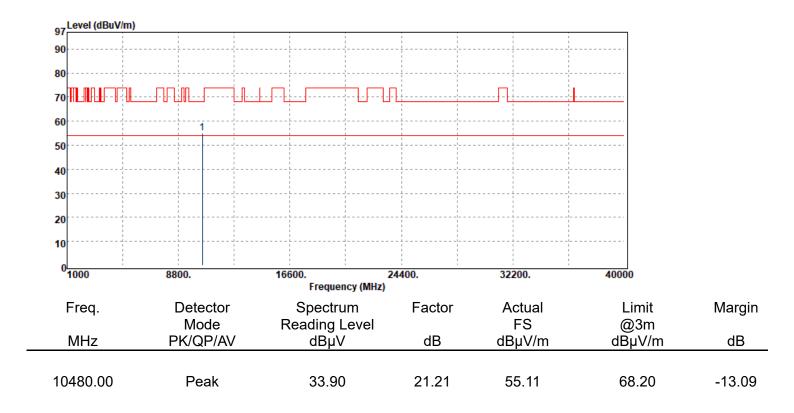
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11a

Test Frequency :5240 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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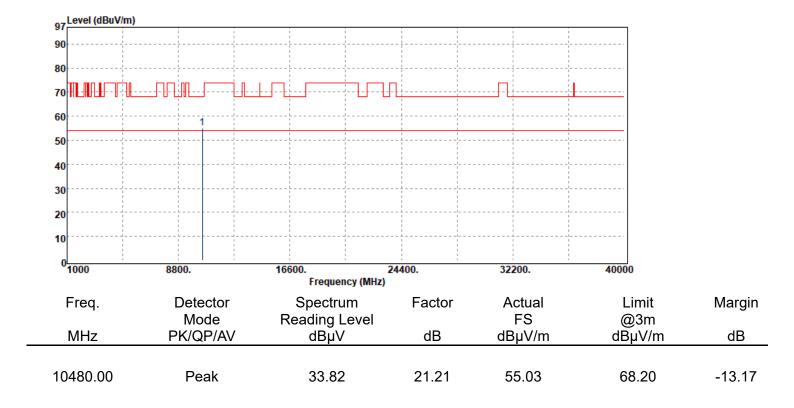
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2020-12-04

Test Frequency :5240 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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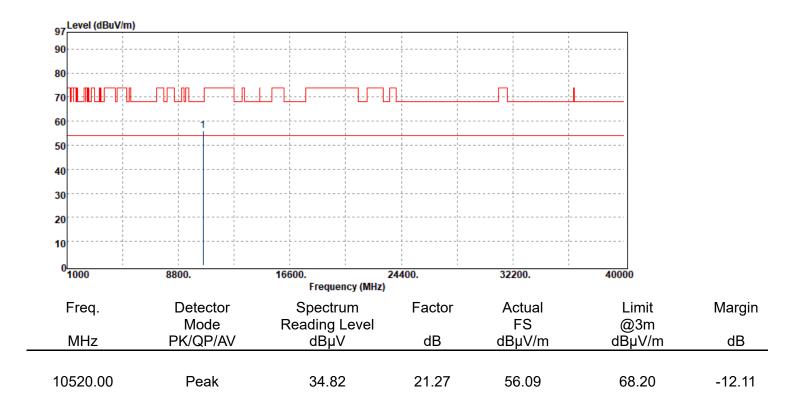
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11a

Test Frequency :5260 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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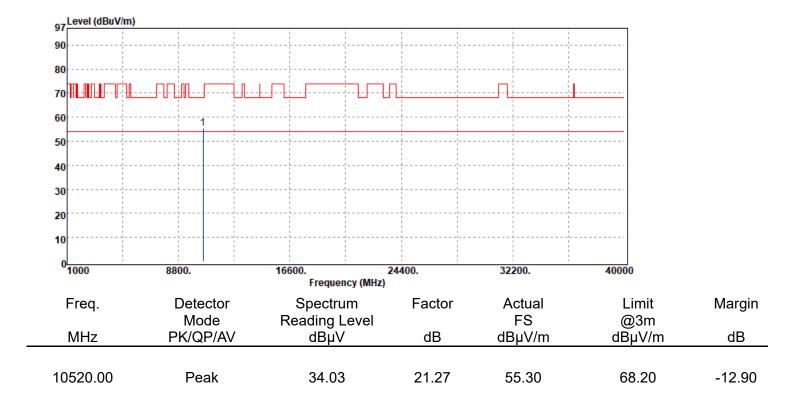
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2020-12-04

Test Frequency :5260 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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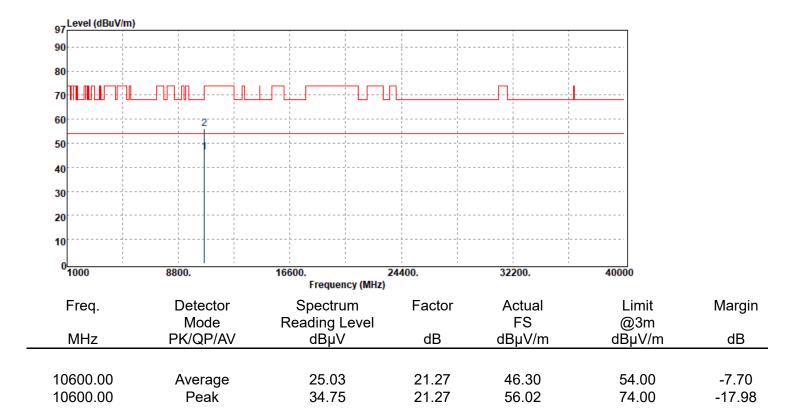
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11a

Test Frequency :5300 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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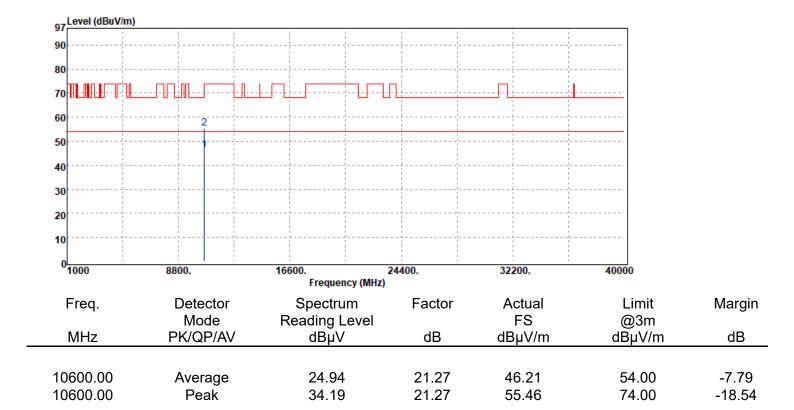
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Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11a

Test Frequency :5300 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL **EUT Pol** :E2 Plane Engineer :Ricky



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Report Number :ER-2020-B0047

Operation Mode :802.11a

Test Frequency :5320 MHz

Test Mode :Tx CH High

EUT Pol :E2 Plane

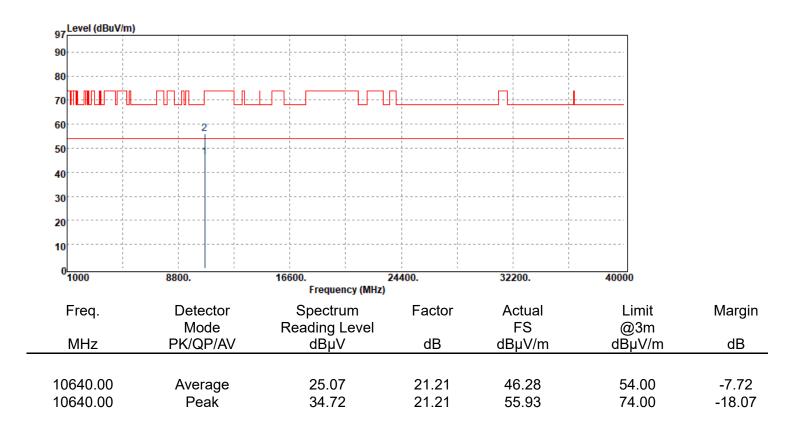
Test Site :SAC III Chamber

Test Date :2020-12-04

Temp./Humi. :22.5/60

Antenna Pol. :VERTICAL

Engineer :Ricky



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Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11a

Test Frequency :5320 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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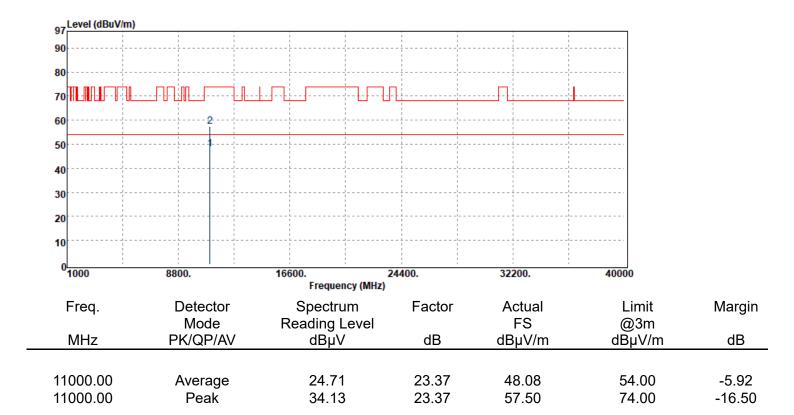
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11a

Test Frequency :5500 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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Test Mode

Report No.: ER/2020/B0047

:HORIZONTAL

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Antenna Pol.

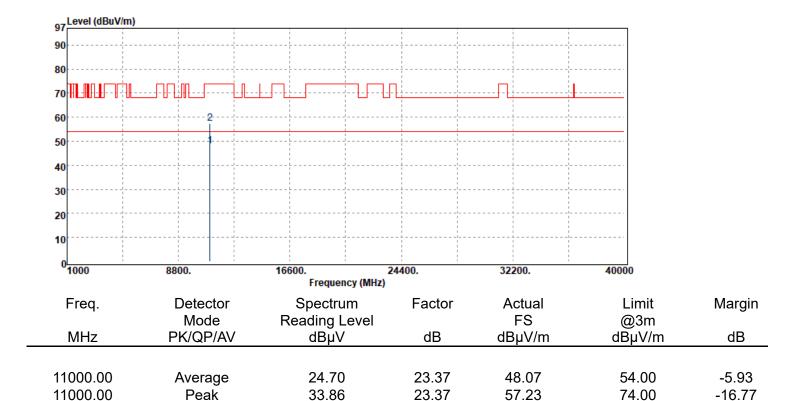
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Operation Mode :802.11a Test Date :2020-12-04

Test Frequency :5500 MHz Temp./Humi. :22.5/60

EUT Pol :E2 Plane Engineer :Ricky

:Tx CH Low



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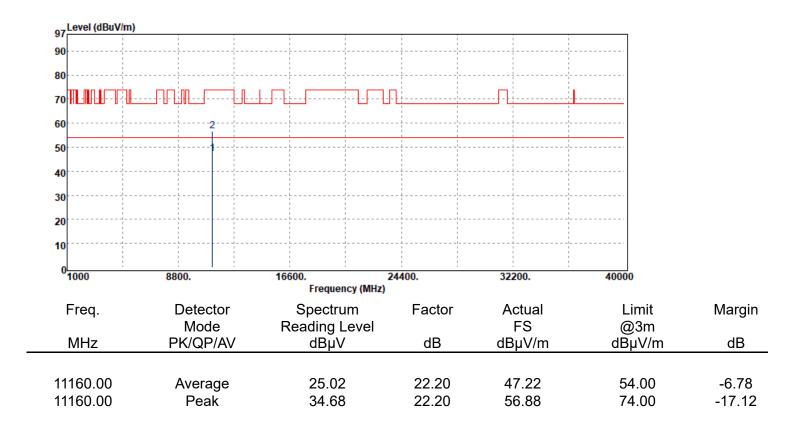
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2020-12-04

Test Frequency :5580 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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Test Mode

Report No.: ER/2020/B0047

:HORIZONTAL

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Antenna Pol.

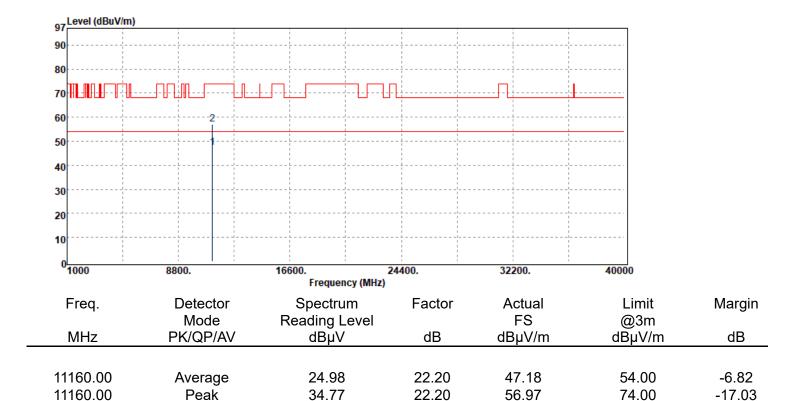
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11a

Test Frequency :5580 MHz Temp./Humi. :22.5/60

EUT Pol :E2 Plane Engineer :Ricky

:Tx CH Mid



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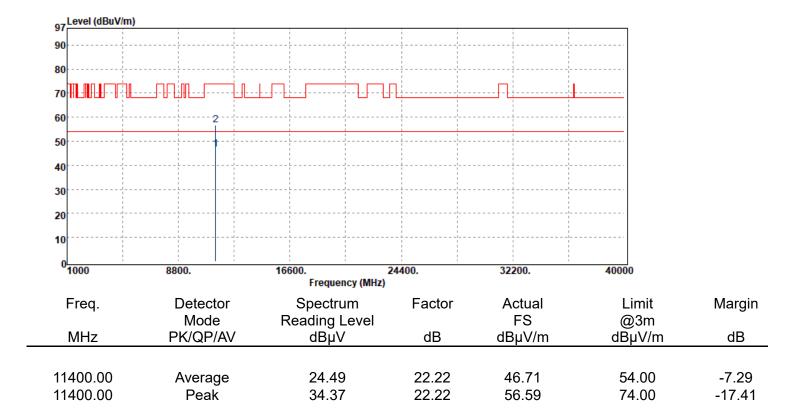
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2020-12-04

Test Frequency :5700 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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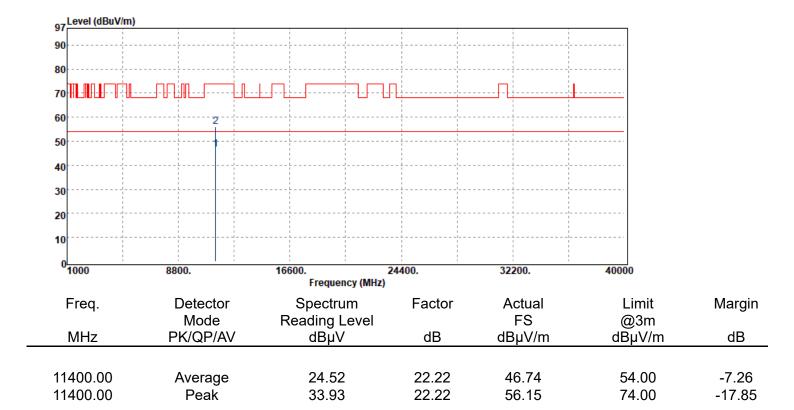
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11a

Test Frequency :5700 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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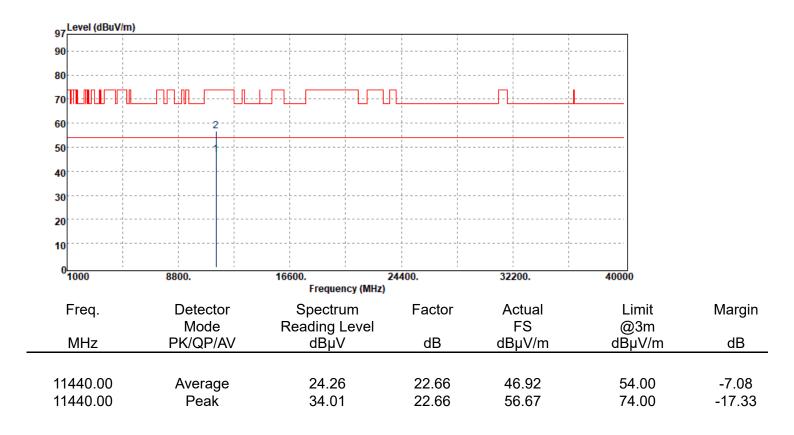
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2020-12-04

Test Frequency :5720 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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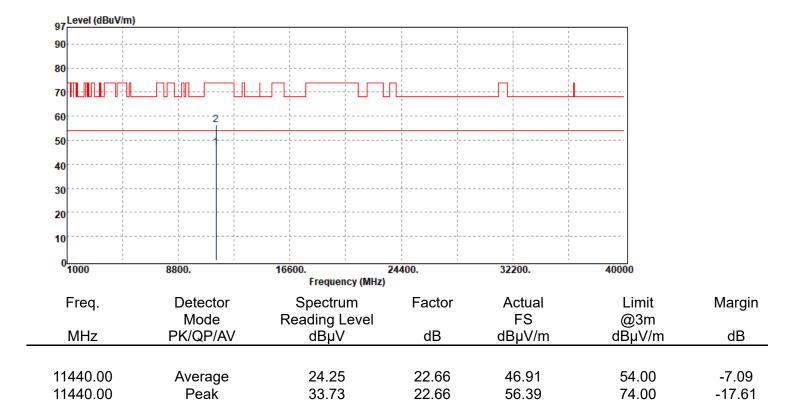
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11a

Test Frequency :5720 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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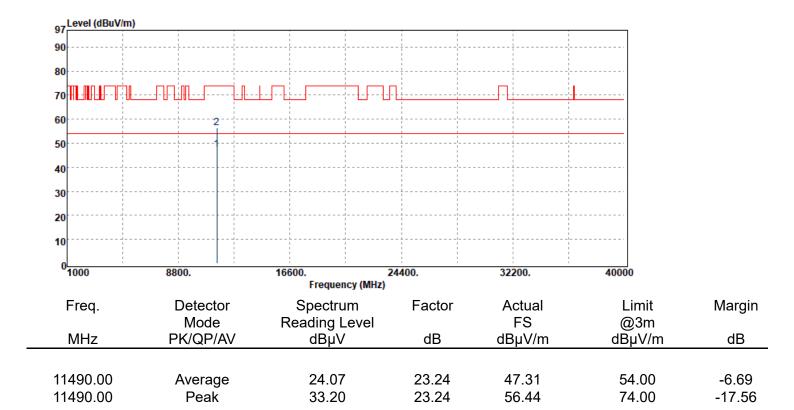
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11a

Test Frequency :5745 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11a

Test Frequency :5745 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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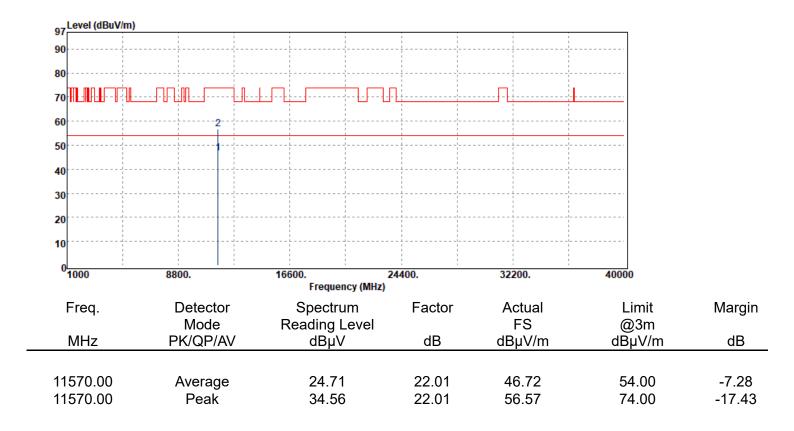
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11a

Test Frequency :5785 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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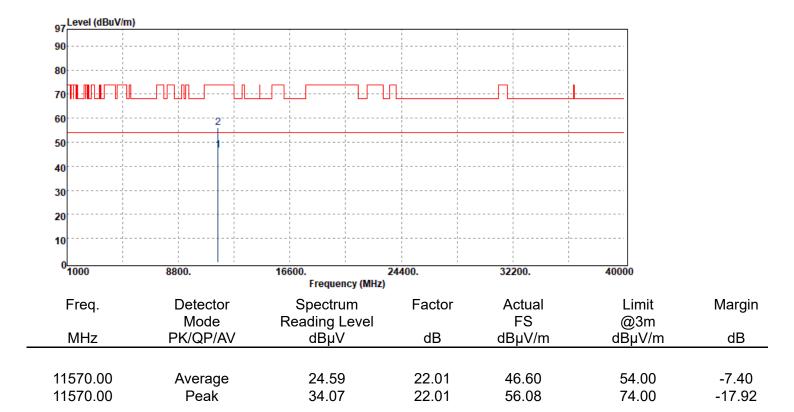
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11a

Test Frequency :5785 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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Report Number :ER-2020-B0047 Test Site

Operation Mode :802.11a

Test Frequency :5825 MHz

Test Mode :Tx CH High

EUT Pol :E2 Plane

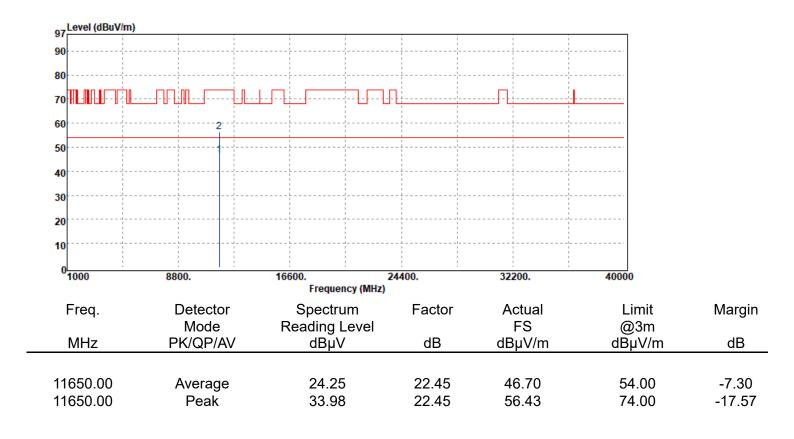
Test Site :SAC III Chamber

Test Date :2020-12-04

Temp./Humi. :22.5/60

Antenna Pol. :VERTICAL

Engineer :Ricky



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:E2 Plane

EUT Pol

Report No.: ER/2020/B0047

:Ricky

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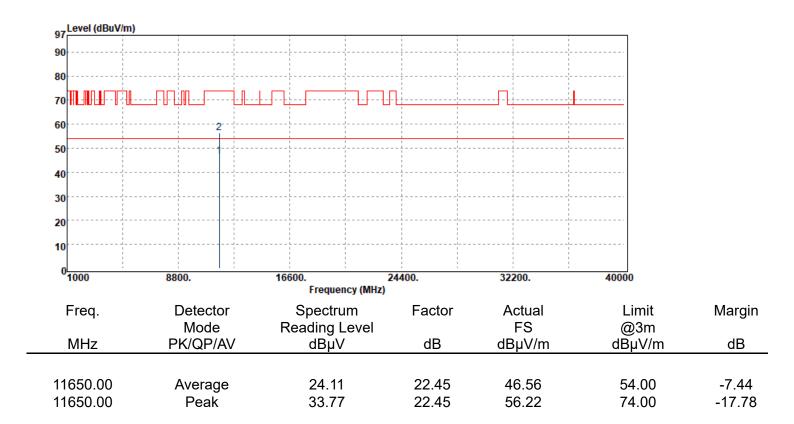
Engineer

Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11a

Test Frequency :5825 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL



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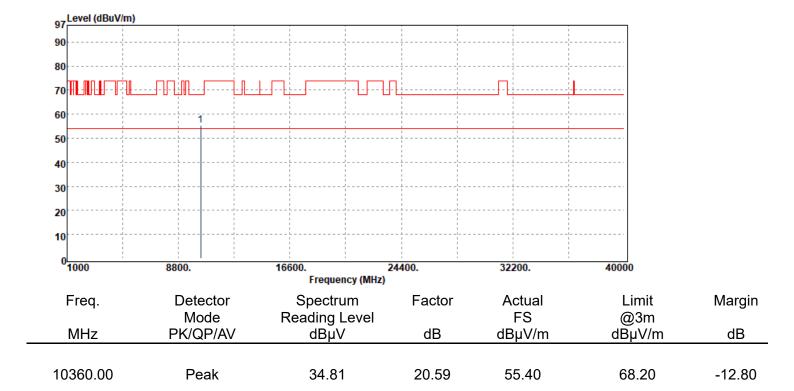
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11n20

Test Frequency :5180 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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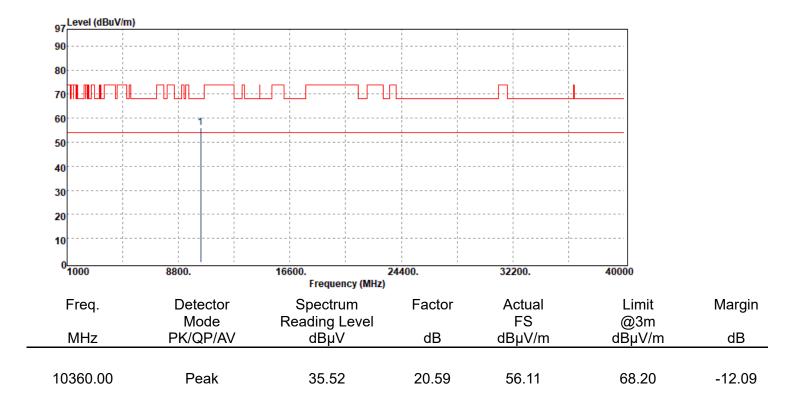
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2020-12-04

Test Frequency :5180 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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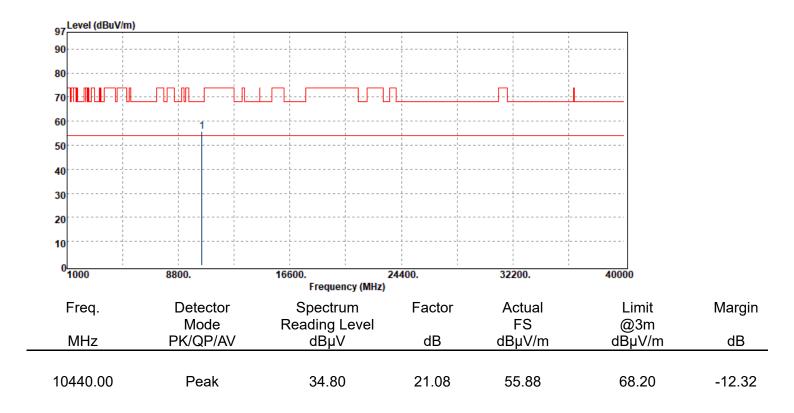
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2020-12-04

Test Frequency :5220 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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:E2 Plane

EUT Pol

Report No.: ER/2020/B0047

:Ricky

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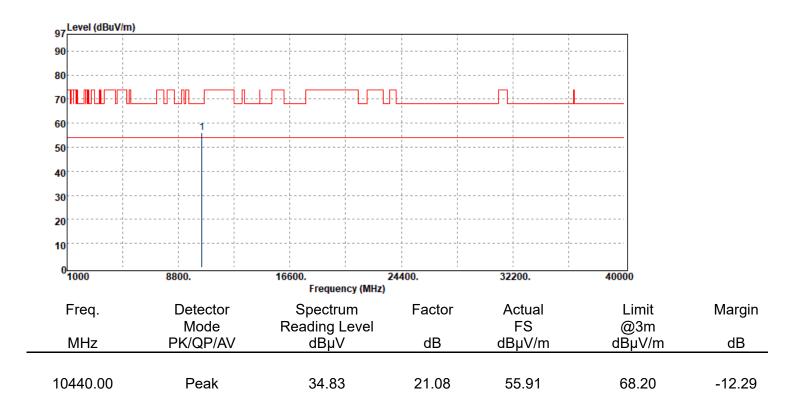
Engineer

Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11n20

Test Frequency :5220 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL



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Test Mode

Report No.: ER/2020/B0047

:VERTICAL

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Antenna Pol.

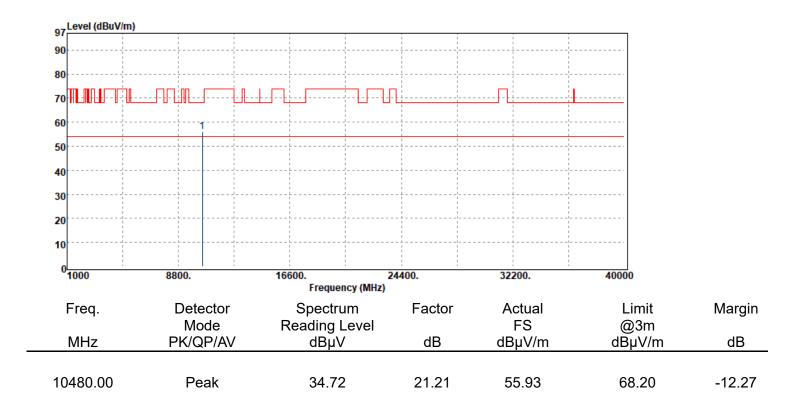
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11n20

Test Frequency :5240 MHz Temp./Humi. :22.5/60

EUT Pol :E2 Plane Engineer :Ricky

:Tx CH High



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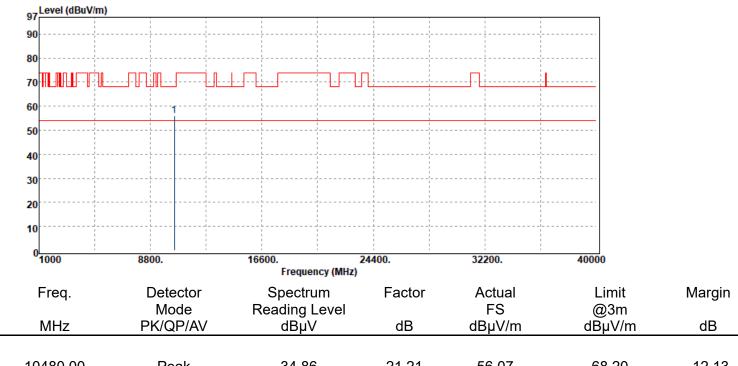
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2020-12-04

Test Frequency :5240 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



10480.00	Peak	34.86	21.21	56.07	68.20	-12.13

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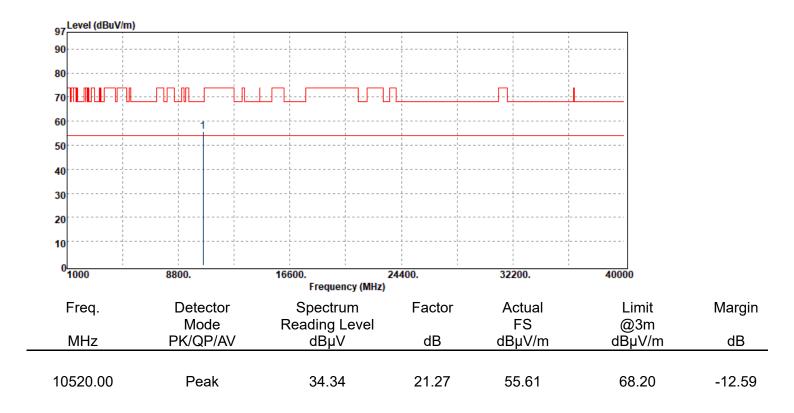
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2020-12-04

Test Frequency :5260 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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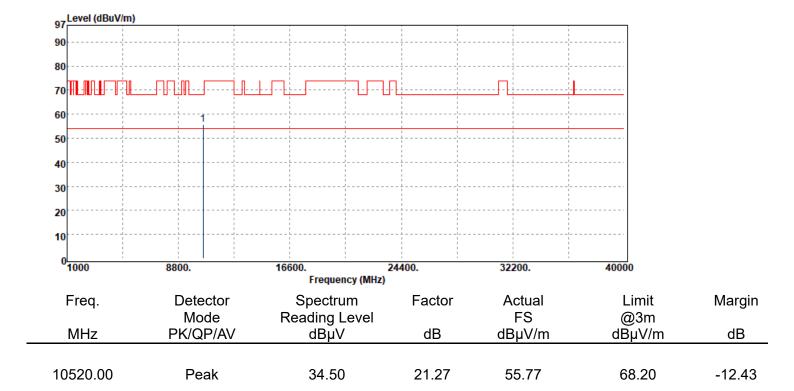
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Operation Mode Test Date :2020-12-04 :802.11n20

Test Frequency :5260 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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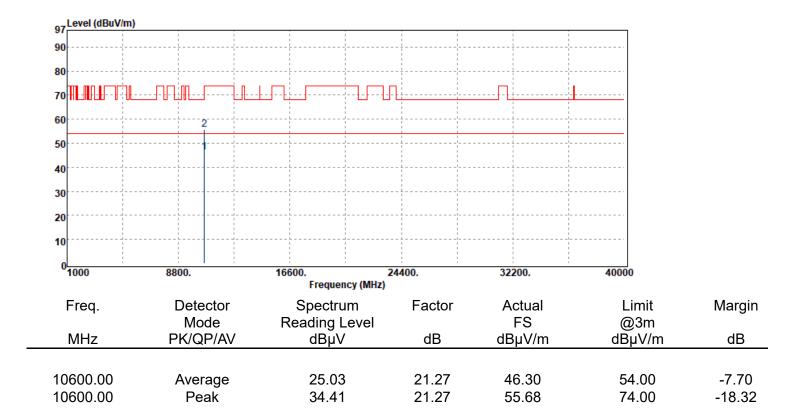
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Operation Mode :802.11n20 Test Date :2020-12-04

Test Frequency :5300 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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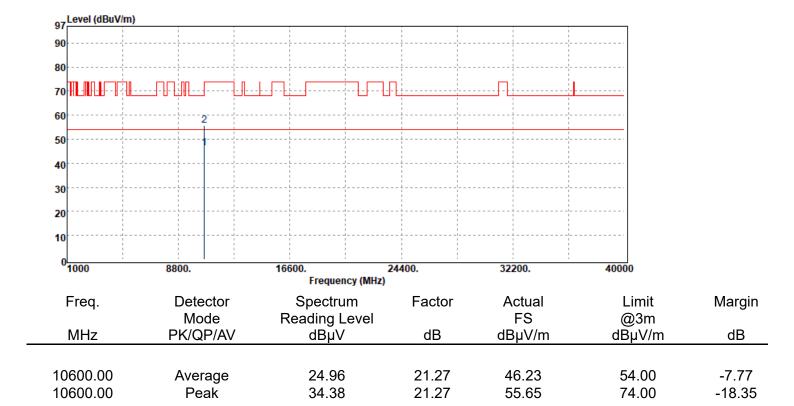
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11n20

Test Frequency :5300 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-04 :802.11n20

Test Frequency :5320 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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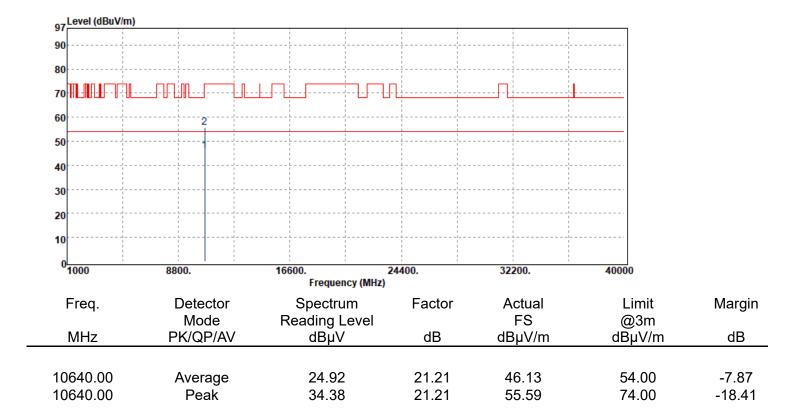
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Operation Mode :802.11n20 Test Date :2020-12-04

Test Frequency :5320 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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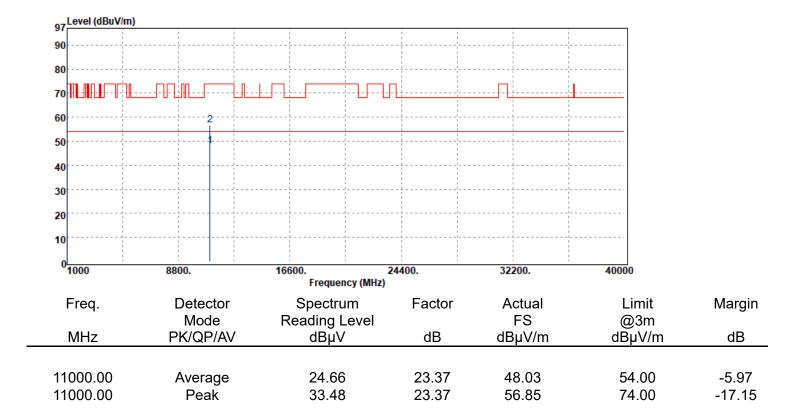
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2020-12-04

Test Frequency :5500 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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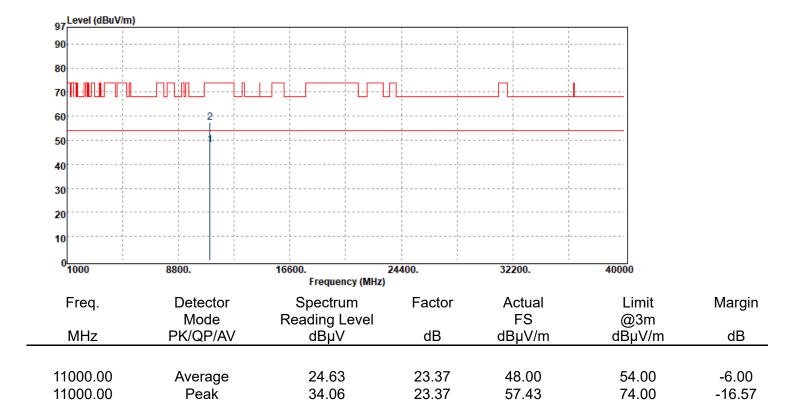
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Operation Mode Test Date :2020-12-04 :802.11n20

Test Frequency :5500 MHz Temp./Humi. :22.5/60

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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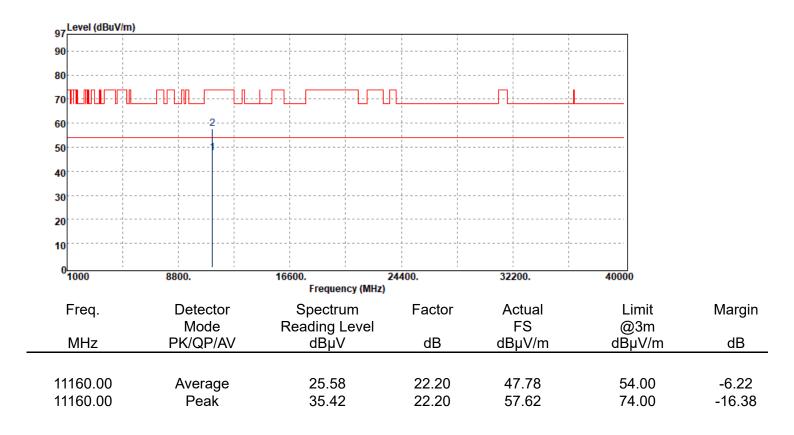
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Operation Mode Test Date :2020-12-07 :802.11n20

Test Frequency :5580 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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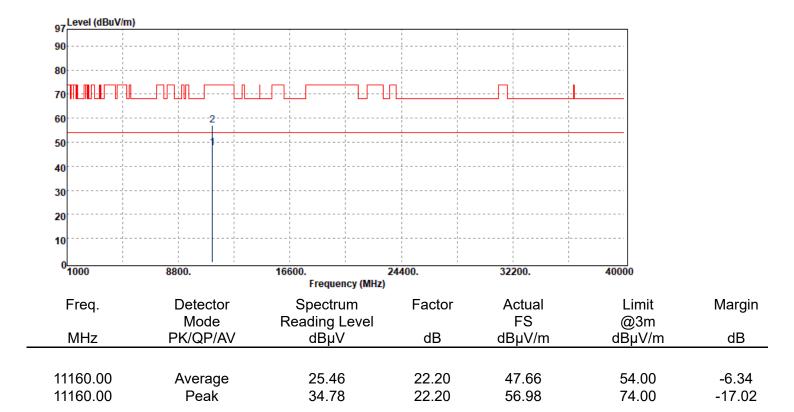
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Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2020-12-07

Test Frequency :5580 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL
EUT Pol :E2 Plane Engineer :Ricky



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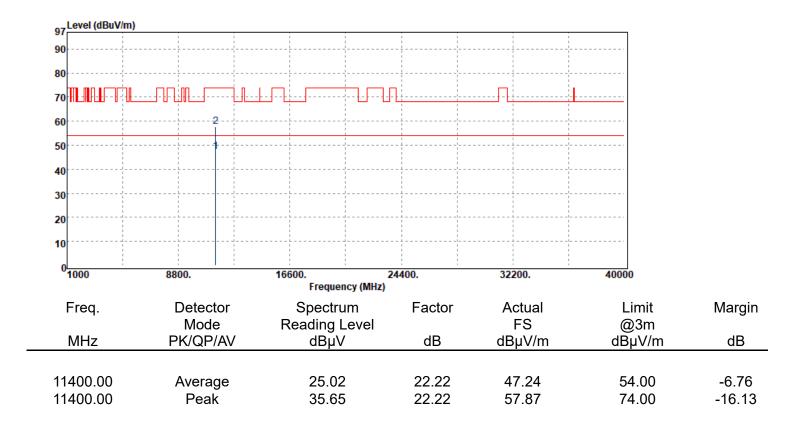
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Operation Mode :802.11n20 Test Date :2020-12-07

Test Frequency :5700 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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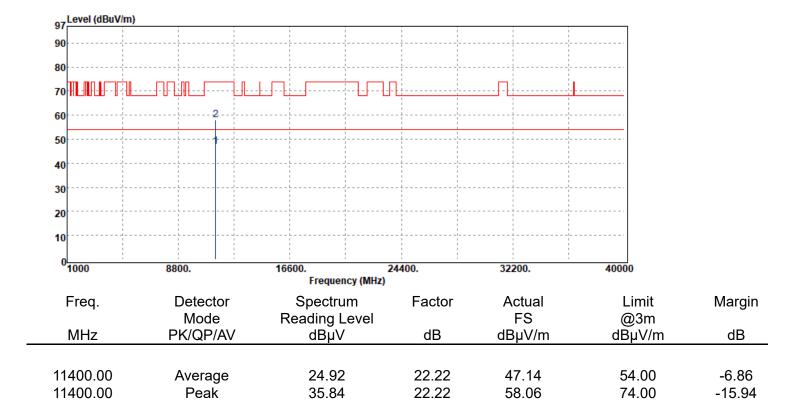
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Operation Mode :802.11n20 Test Date :2020-12-07

Test Frequency :5700 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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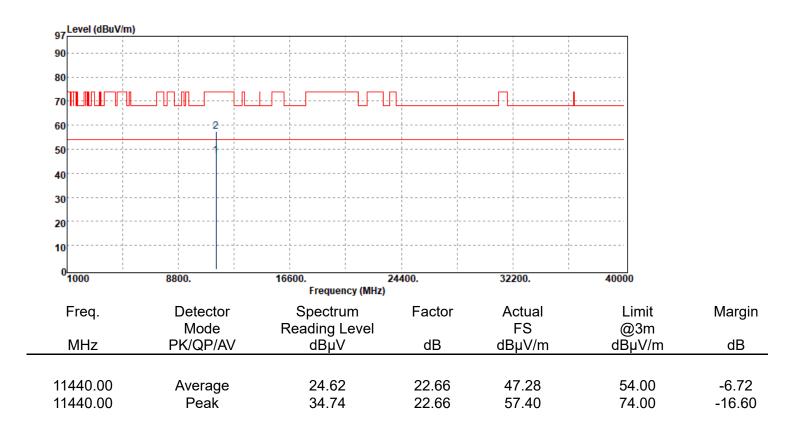
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Operation Mode Test Date :2020-12-07 :802.11n20

Test Frequency :5720 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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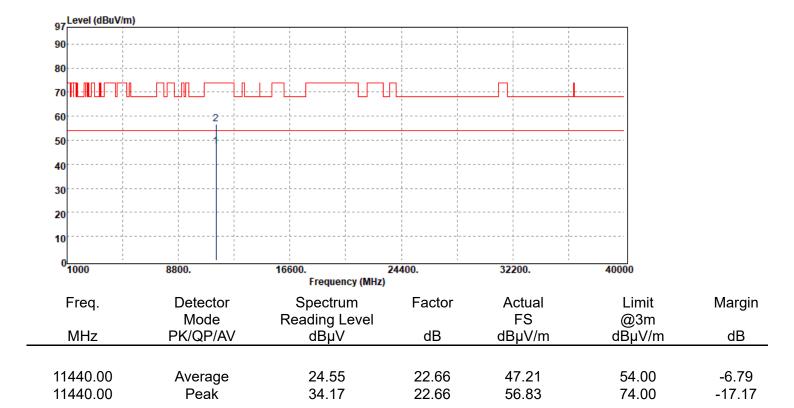
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Operation Mode Test Date :2020-12-07 :802.11n20

Test Frequency :5720 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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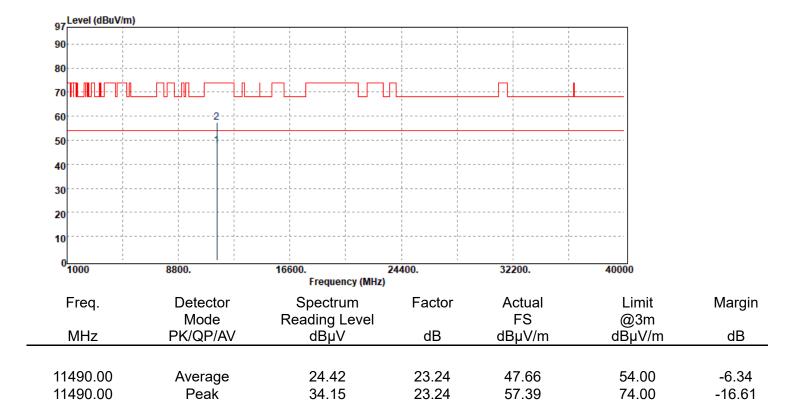
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-07 :802.11n20

Test Frequency :5745 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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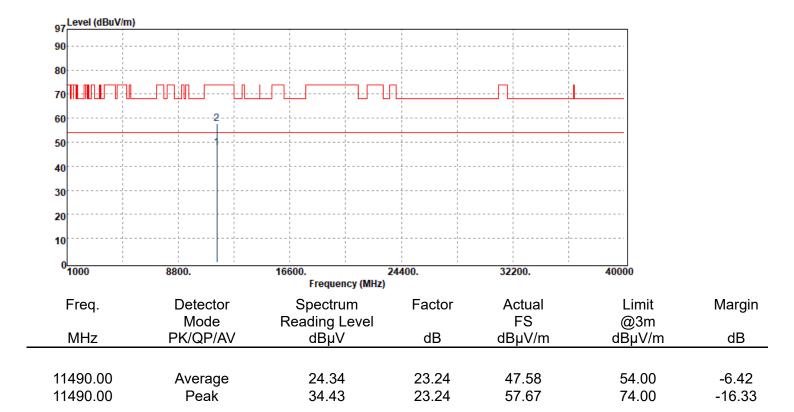
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Operation Mode Test Date :2020-12-07 :802.11n20

Test Frequency :5745 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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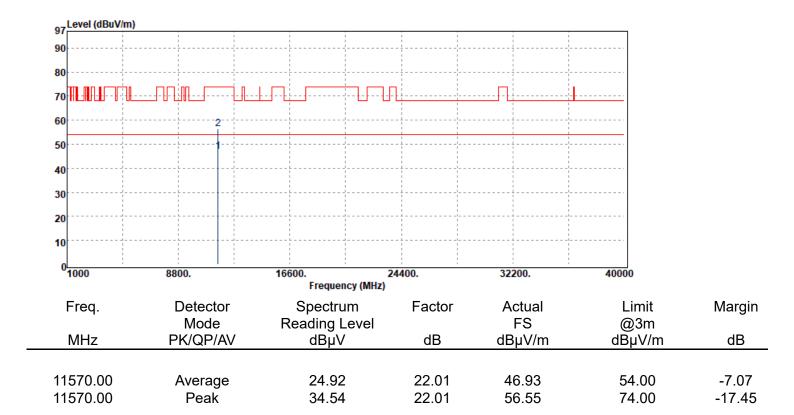
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2020-12-07

Test Frequency :5785 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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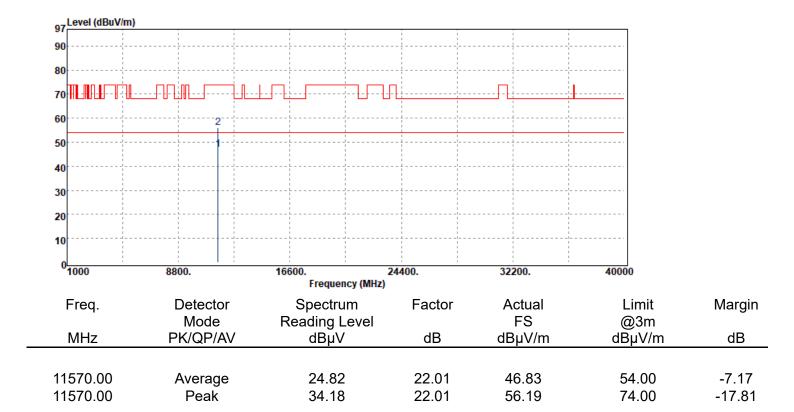
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-07 :802.11n20

Test Frequency :5785 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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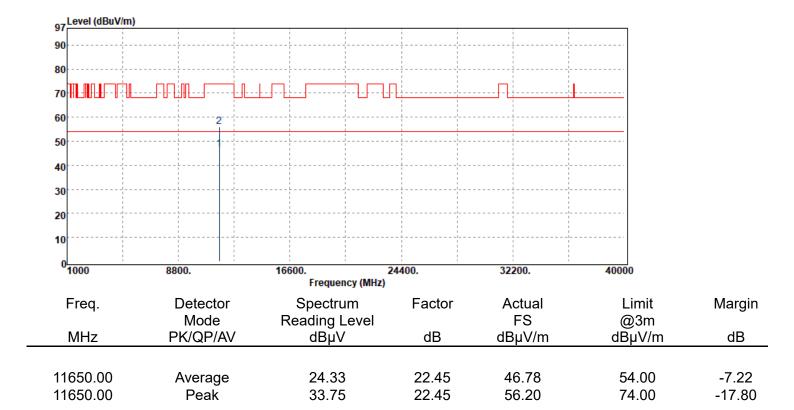
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-07 :802.11n20

Test Frequency :5825 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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:E2 Plane

EUT Pol

Report No.: ER/2020/B0047

:Ricky

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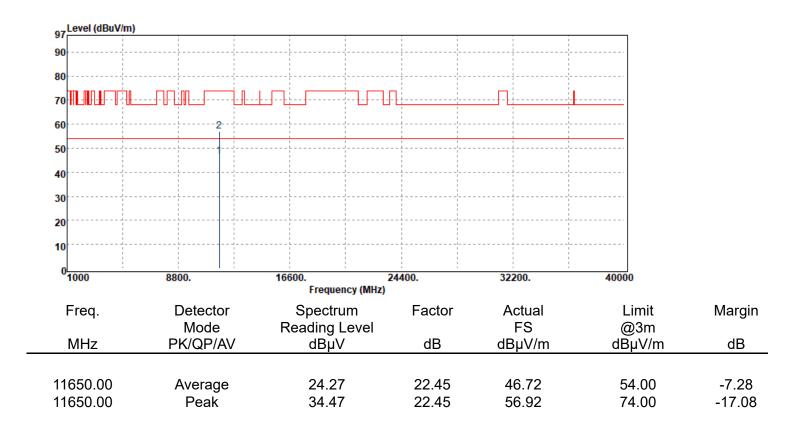
Engineer

Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2020-12-07

Test Frequency :5825 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL



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Test Mode

Report No.: ER/2020/B0047

:VERTICAL

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Antenna Pol.

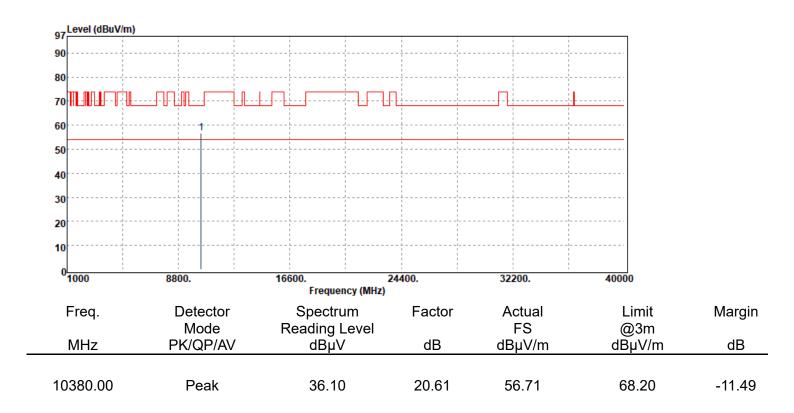
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2020-12-07

Test Frequency :5190 MHz Temp./Humi. :22.6/63

EUT Pol :E2 Plane Engineer :Ricky

:Tx CH Low



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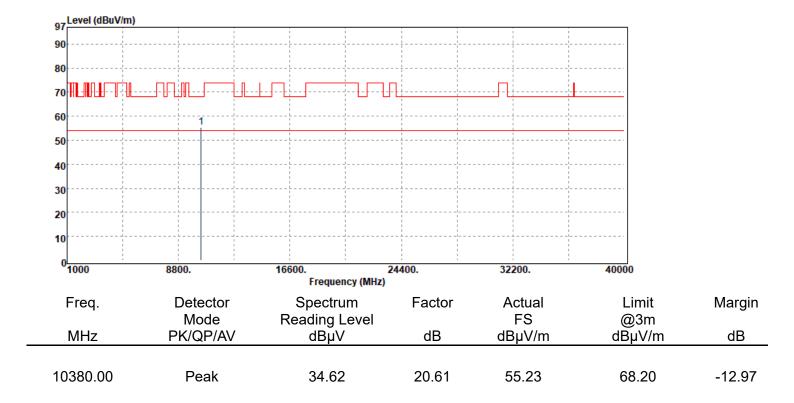
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2020-12-07

Test Frequency :5190 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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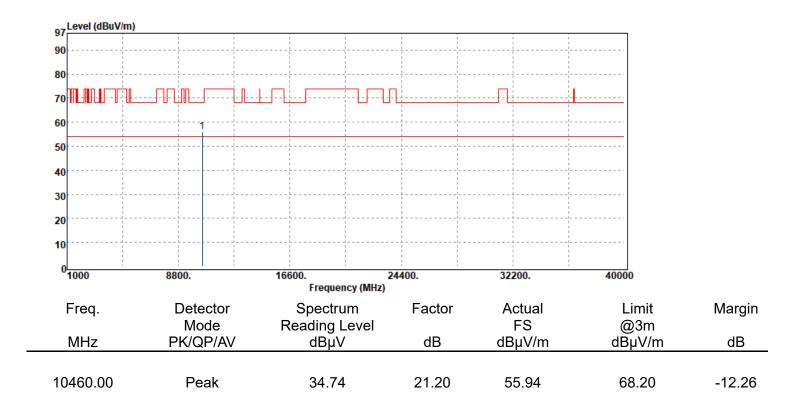
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-07 :802.11n40

Test Frequency :5230 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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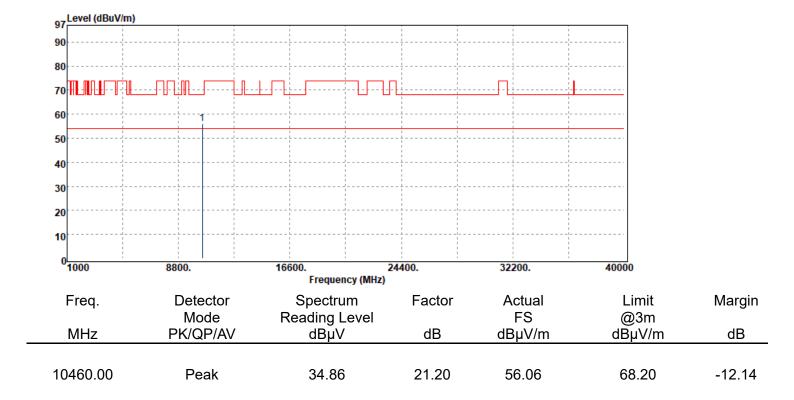
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-07 :802.11n40

Test Frequency :5230 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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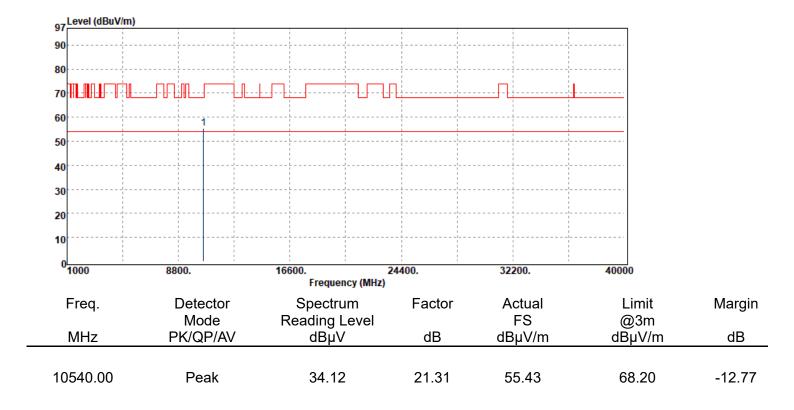
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2020-12-07

Test Frequency :5270 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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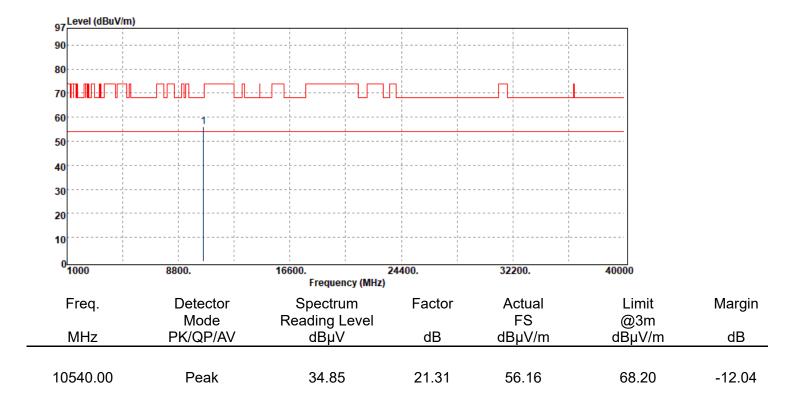
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Operation Mode :802.11n40 Test Date :2020-12-07

Test Frequency :5270 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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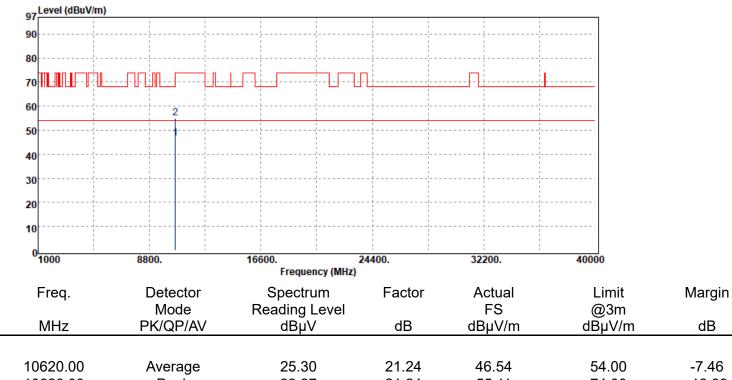
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2020-12-07

Test Frequency :5310 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



10620.00	Average	25.30	21.24	46.54	54.00	-7.46
10620.00	Peak	33.87	21.24	55.11	74.00	-18.89

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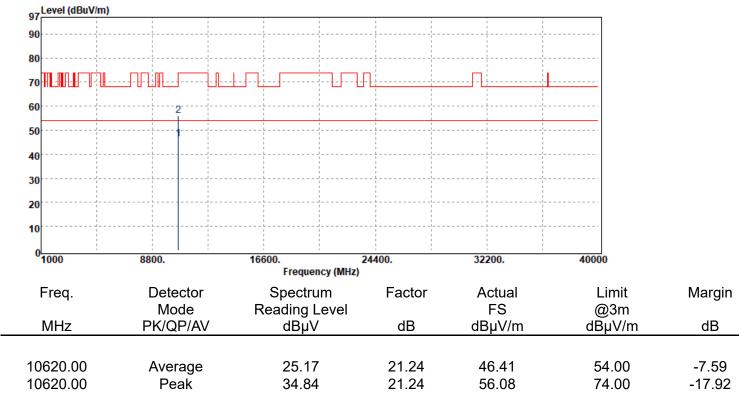
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-07 :802.11n40

Test Frequency :5310 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



10620.00	Average	25.17	21.24	46.41	54.00	-7.59
10620.00	Average Peak	34.84	21.24	56.08	74.00	-7.39 -17.92
10020.00	· can	0		00.00		

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Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2020-12-07

Test Frequency :5510 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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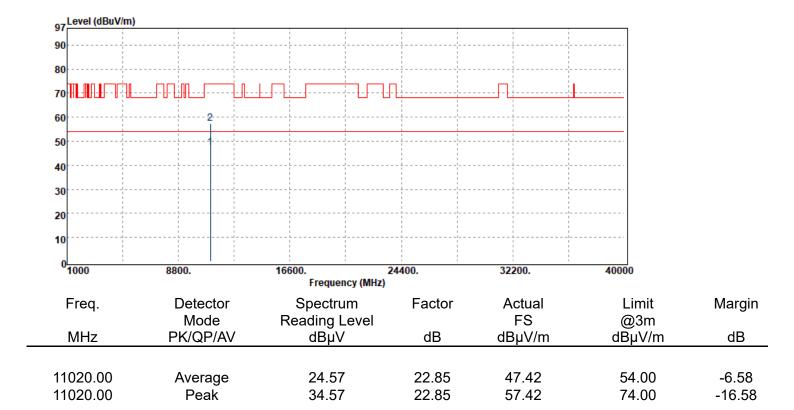
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Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-07 :802.11n40

Test Frequency :5510 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL **EUT Pol** :E2 Plane Engineer :Ricky



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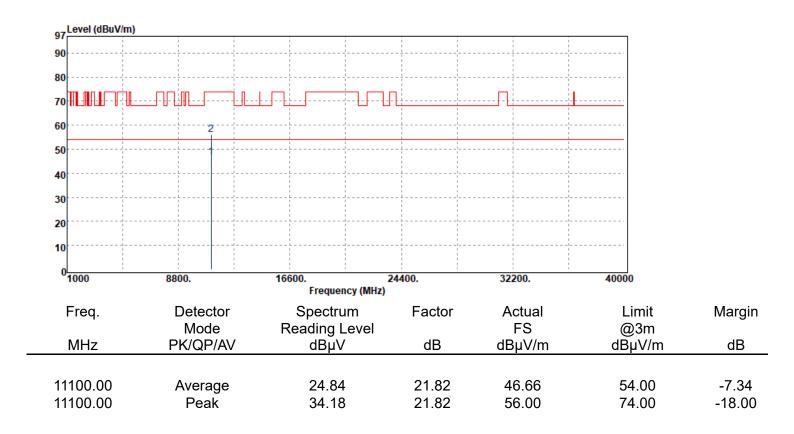
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2020-12-07

Test Frequency :5550 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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Test Mode

Report No.: ER/2020/B0047

:HORIZONTAL

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Antenna Pol.

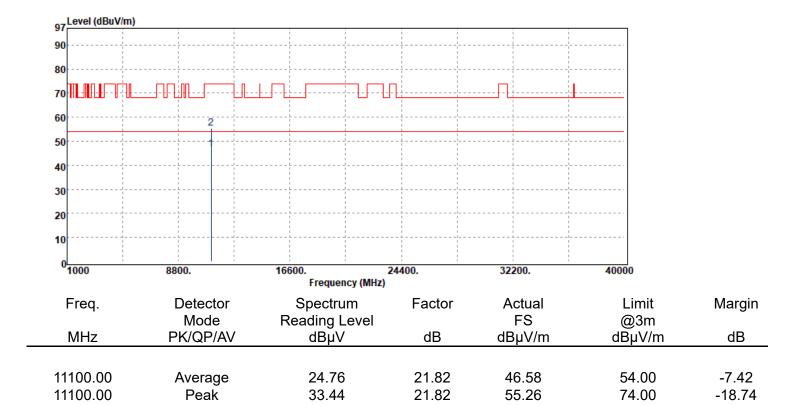
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-07 :802.11n40

Test Frequency :5550 MHz Temp./Humi. :22.6/63

EUT Pol :E2 Plane Engineer :Ricky

:Tx CH Mid



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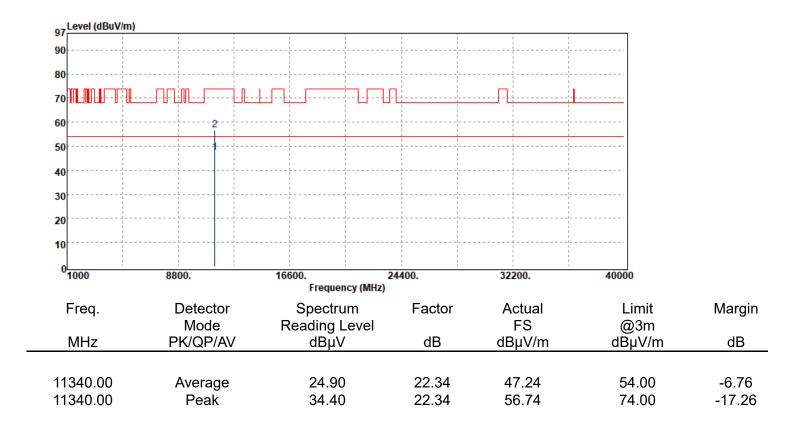
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-07 :802.11n40

Test Frequency :5670 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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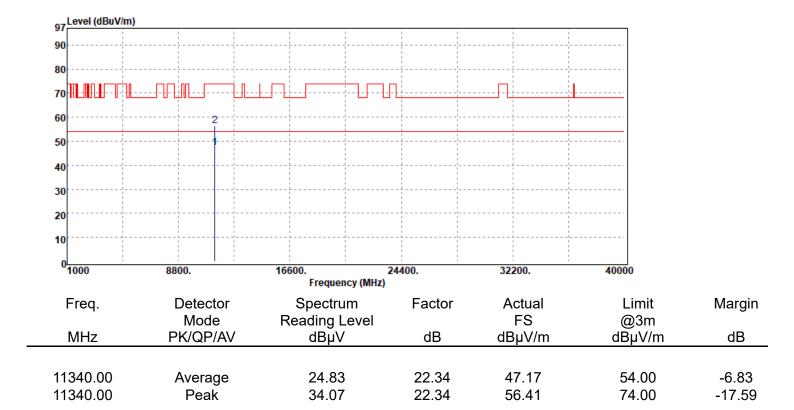
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-07 :802.11n40

Test Frequency :5670 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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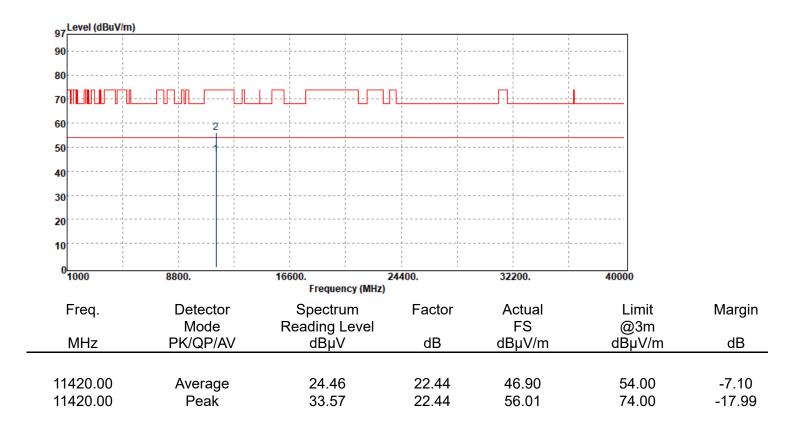
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-07 :802.11n40

Test Frequency :5710 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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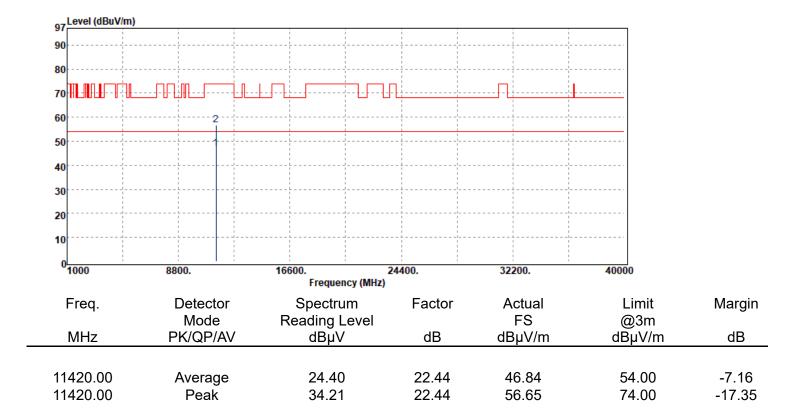
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2020-12-07

Test Frequency :5710 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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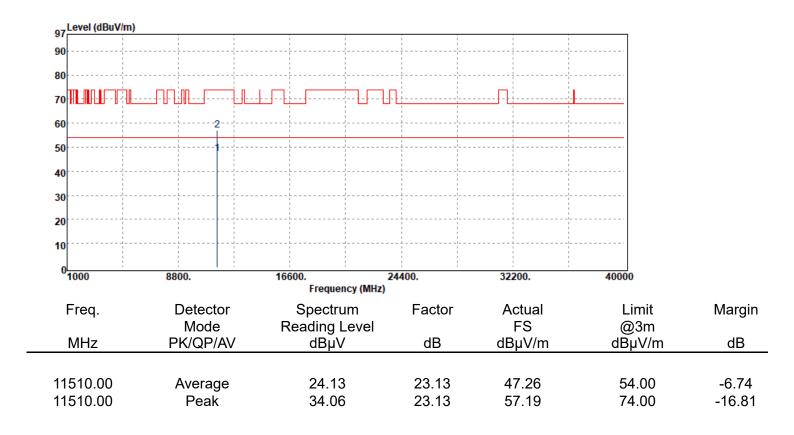
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2020-12-07

Test Frequency :5755 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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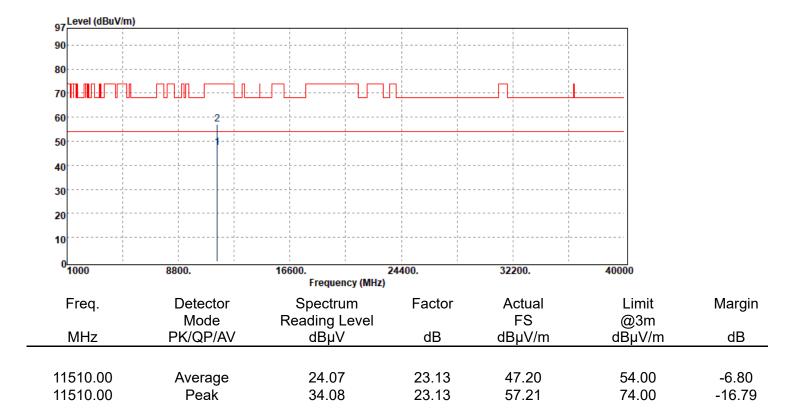
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-07 :802.11n40

Test Frequency :5755 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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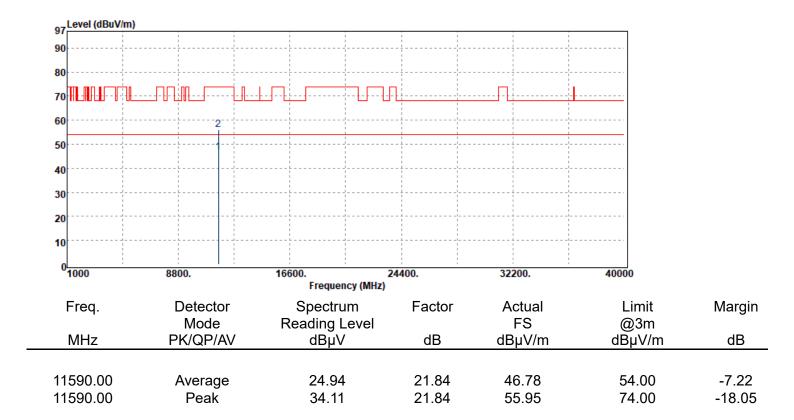
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2020-12-07

Test Frequency :5795 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2020-12-07

Test Frequency :5795 MHz Temp./Humi. :22.6/63

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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Test Mode

Report No.: ER/2020/B0047

:VERTICAL

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Antenna Pol.

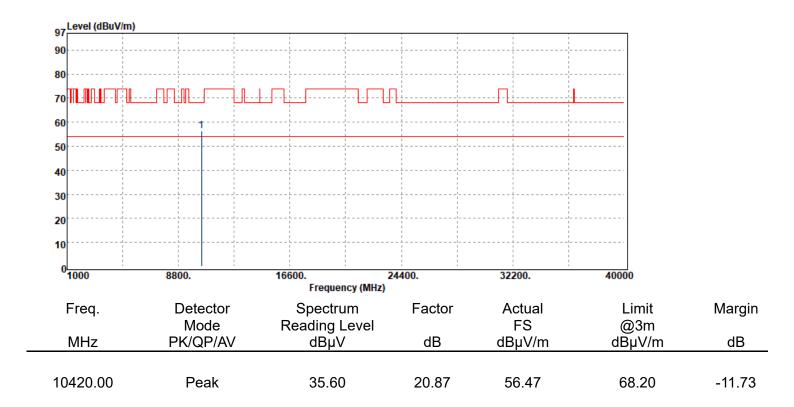
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2021-01-07 :802.11ac80

Test Frequency :5210 MHz Temp./Humi. :21.1/56

EUT Pol :E2 Plane Engineer :Ricky

:Tx CH Low



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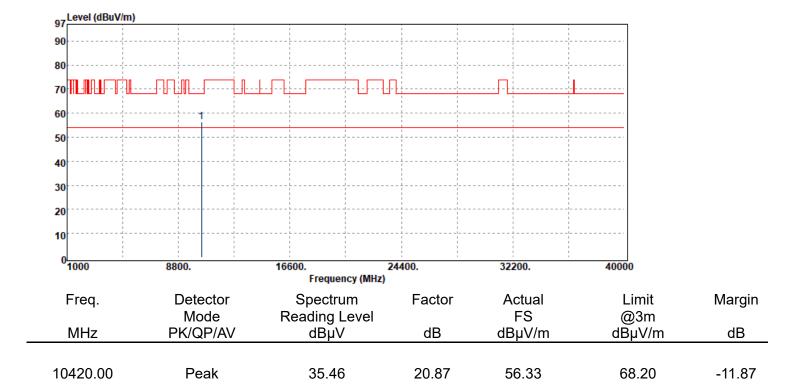
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2021-01-07 :802.11ac80

Test Frequency :5210 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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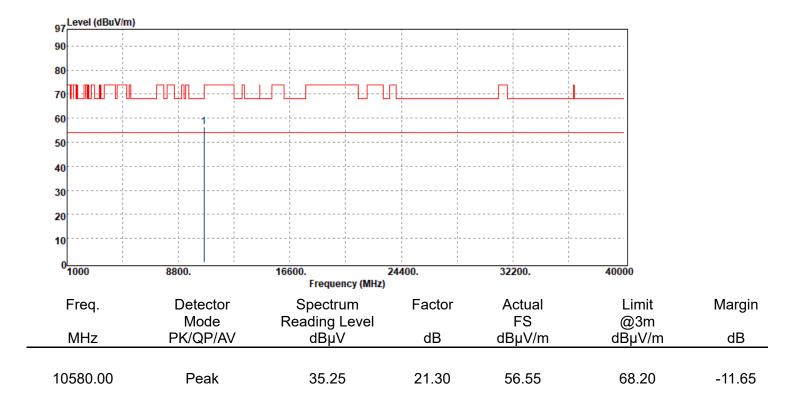
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2021-01-07 :802.11ac80

Test Frequency :5290 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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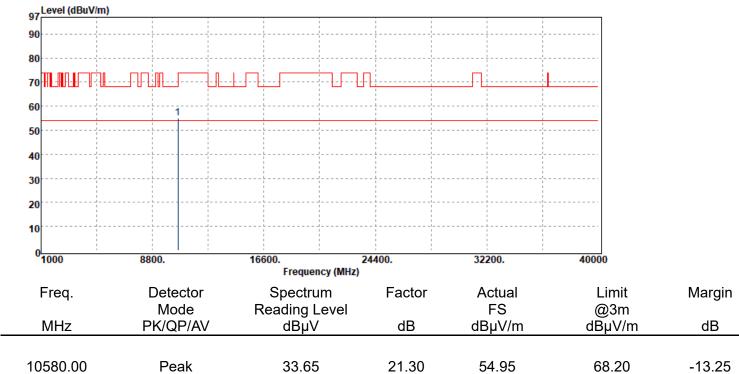
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2021-01-07 :802.11ac80

Test Frequency :5290 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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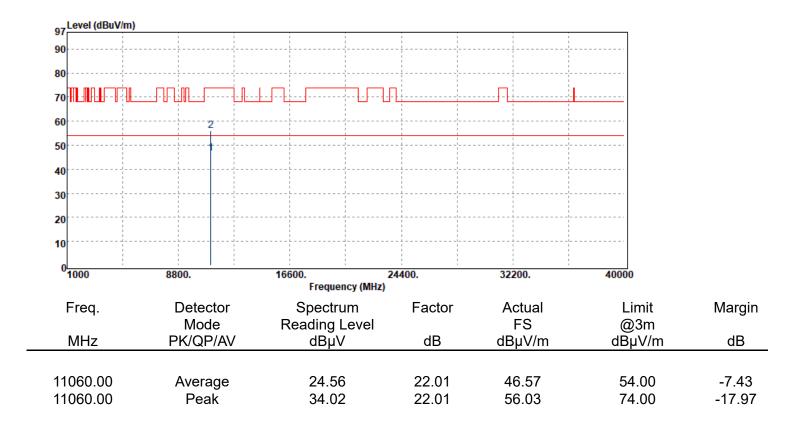
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2021-01-07

Test Frequency :5530 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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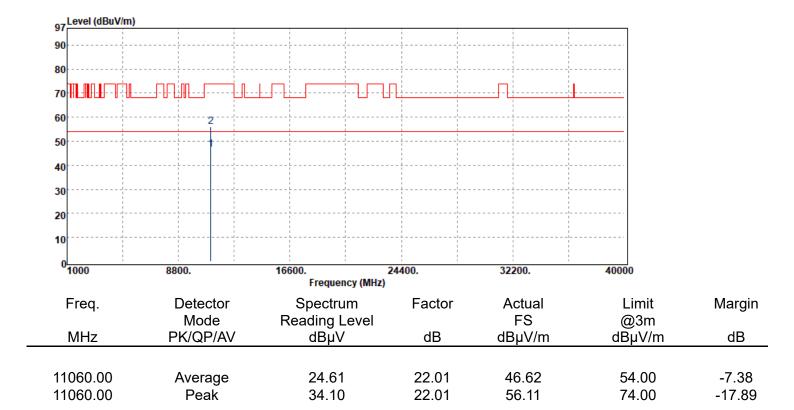
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2021-01-07 :802.11ac80

Test Frequency :5530 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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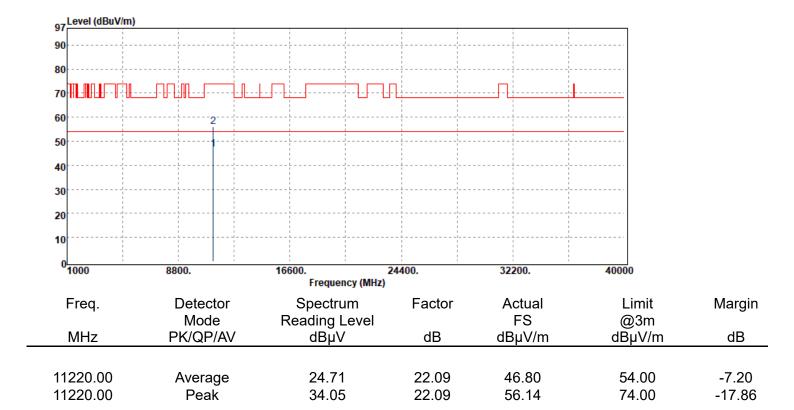
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2021-01-07 :802.11ac80

Test Frequency :5610 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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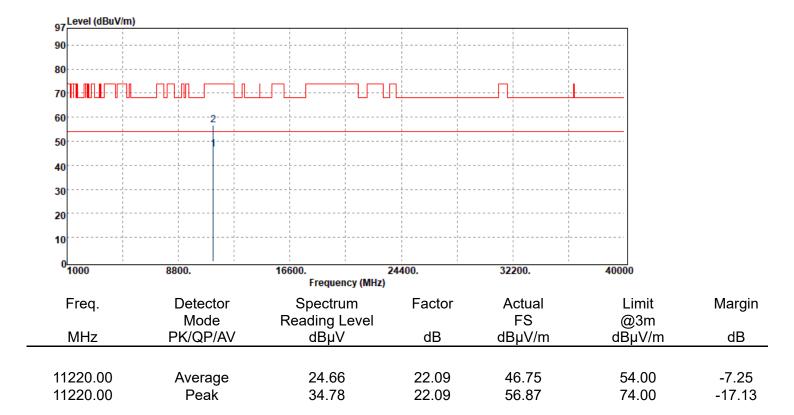
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2021-01-07 :802.11ac80

Test Frequency :5610 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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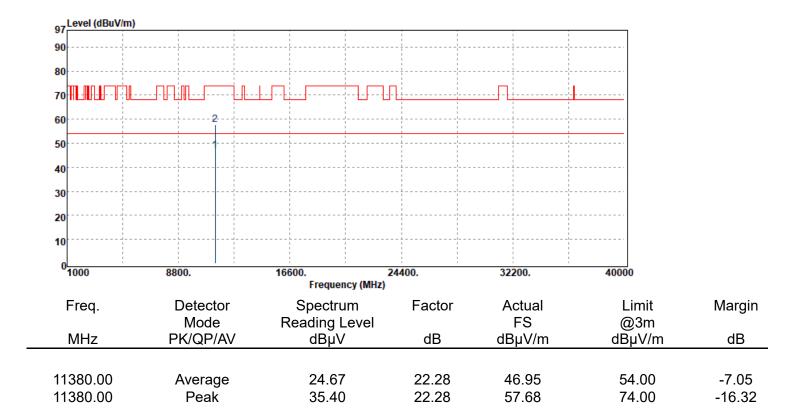
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2021-01-07 :802.11ac80

Test Frequency :5690 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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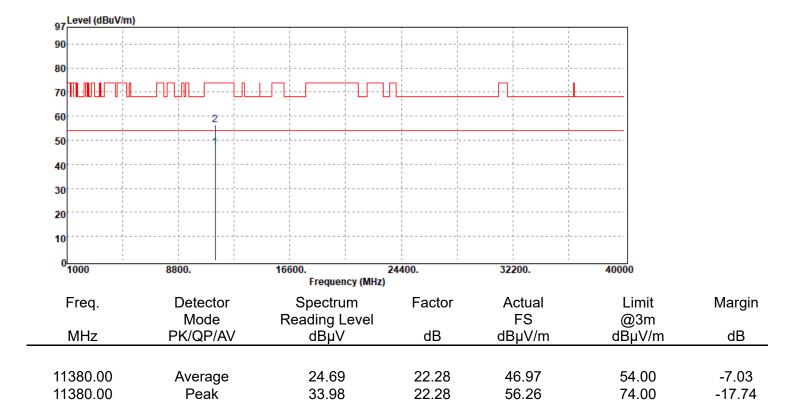
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Operation Mode Test Date :2021-01-07 :802.11ac80

Test Frequency :5690 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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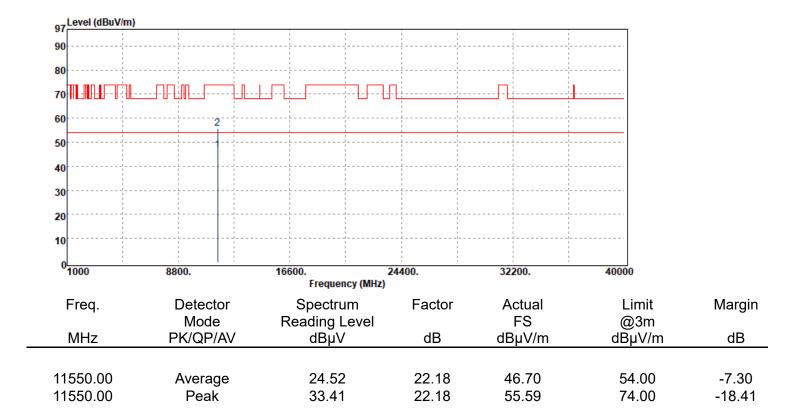
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2021-01-07 :802.11ac80

Test Frequency :5775 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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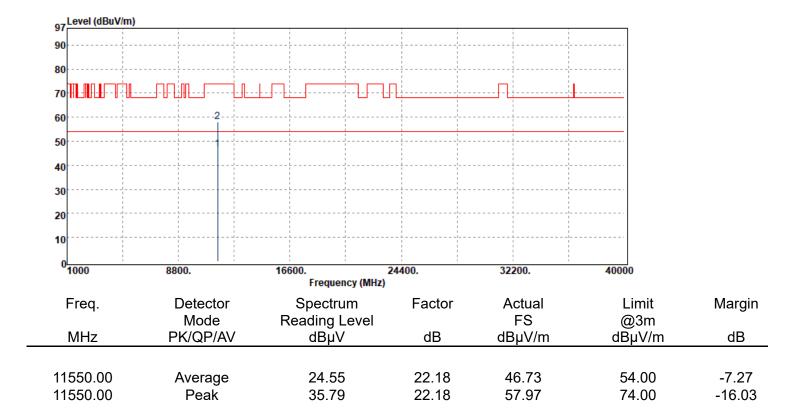
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Operation Mode :802.11ac80 Test Date :2021-01-07

Test Frequency :5775 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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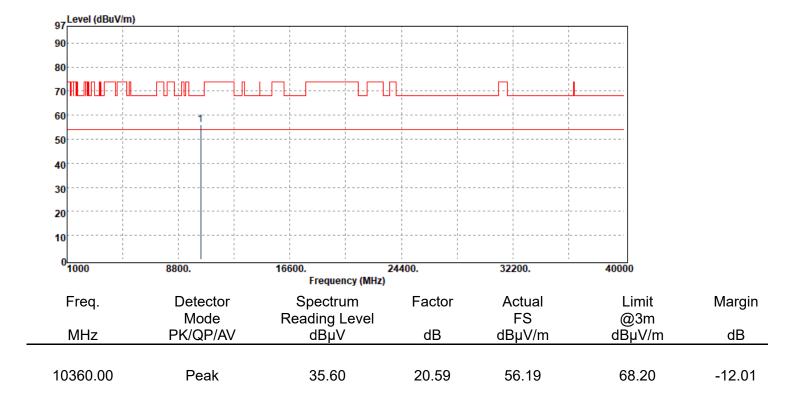
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax20 RU full **Test Date** :2021-01-07

Test Frequency :5180 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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Test Mode

Report No.: ER/2020/B0047

:HORIZONTAL

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Antenna Pol.

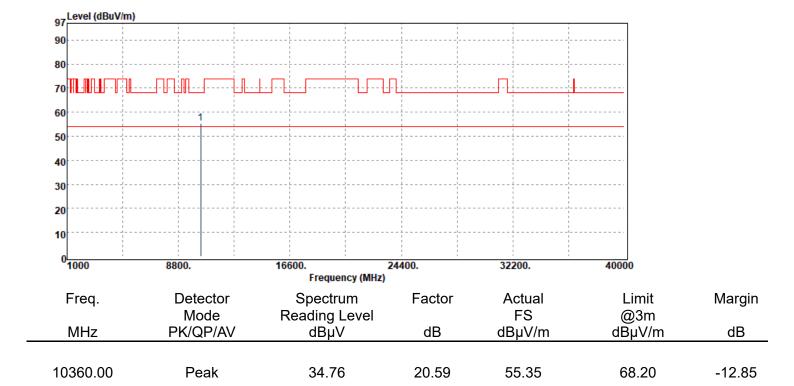
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Operation Mode :802.11ax20 RU full **Test Date** :2021-01-07

Test Frequency :5180 MHz Temp./Humi. :21.1/56

EUT Pol :E2 Plane Engineer :Ricky

:Tx CH Low



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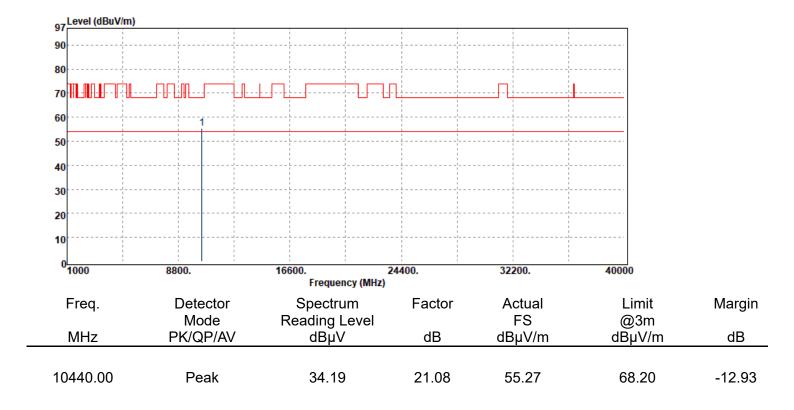
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Operation Mode :802.11ax20 RU full Test Date :2021-01-07

Test Frequency :5220 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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:E2 Plane

EUT Pol

Report No.: ER/2020/B0047

:Ricky

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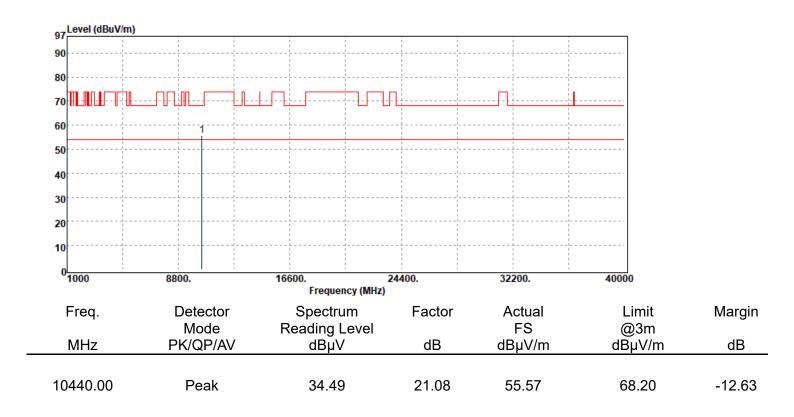
Engineer

Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax20 RU full **Test Date** :2021-01-07

Test Frequency :5220 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL



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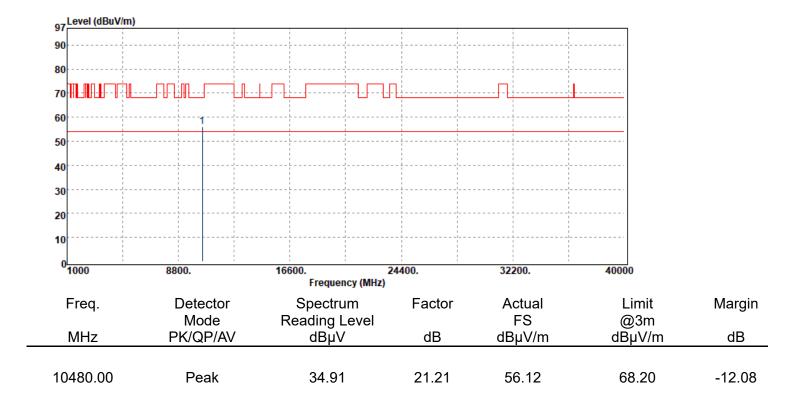
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ax20 RU full Test Date :2021-01-07

Test Frequency :5240 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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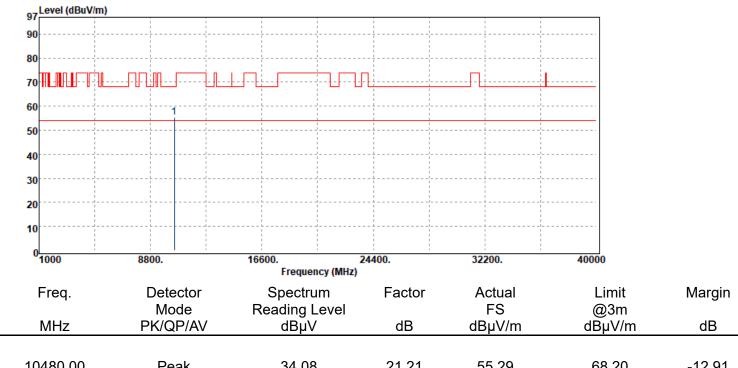
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax20 RU full **Test Date** :2021-01-07

Test Frequency :5240 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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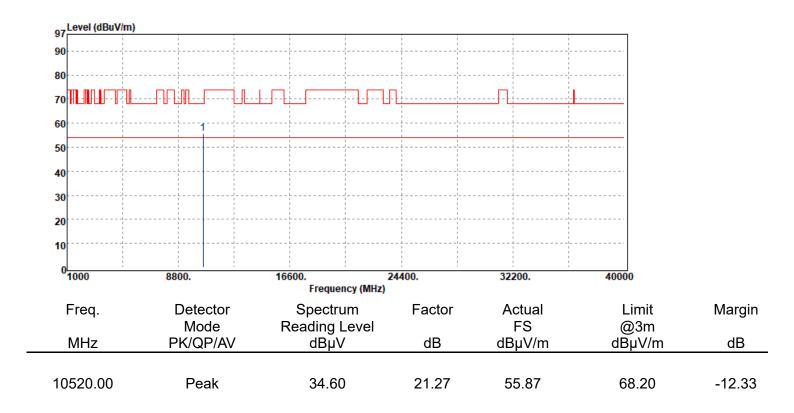
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax20 RU full **Test Date** :2021-01-07

Test Frequency :5260 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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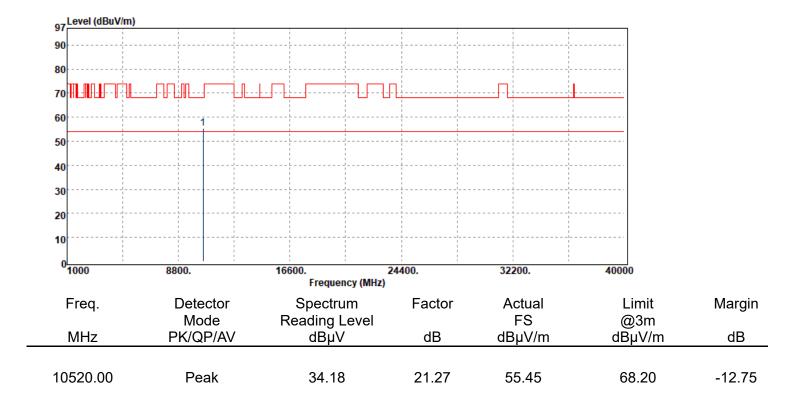
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Operation Mode :802.11ax20 RU full Test Date :2021-01-07

Test Frequency :5260 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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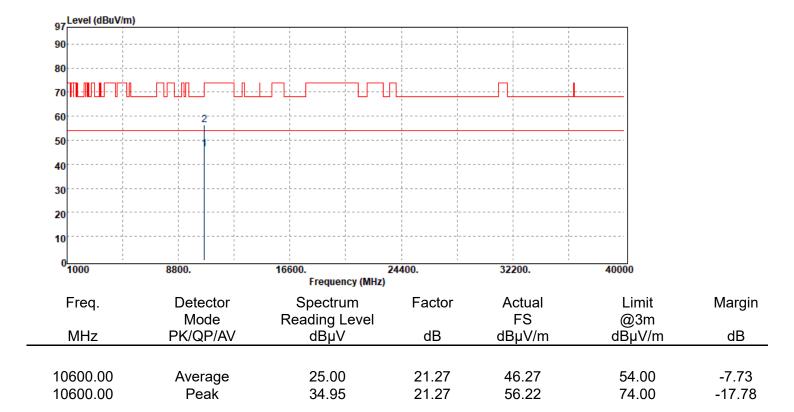
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax20 RU full **Test Date** :2021-01-07

Test Frequency :5300 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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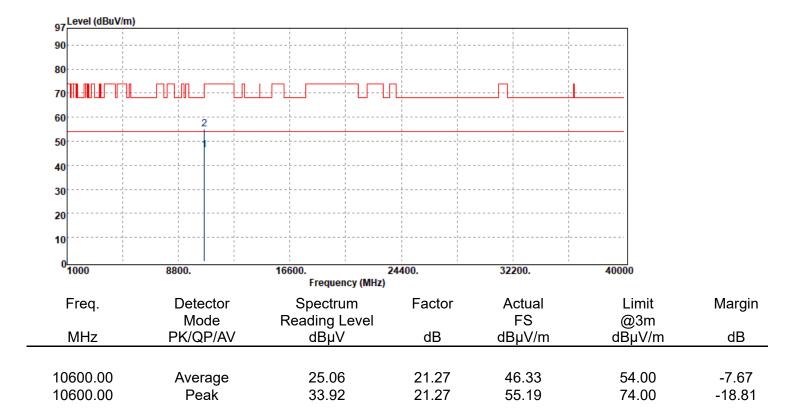
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Operation Mode :802.11ax20 RU full Test Date :2021-01-07

Test Frequency :5300 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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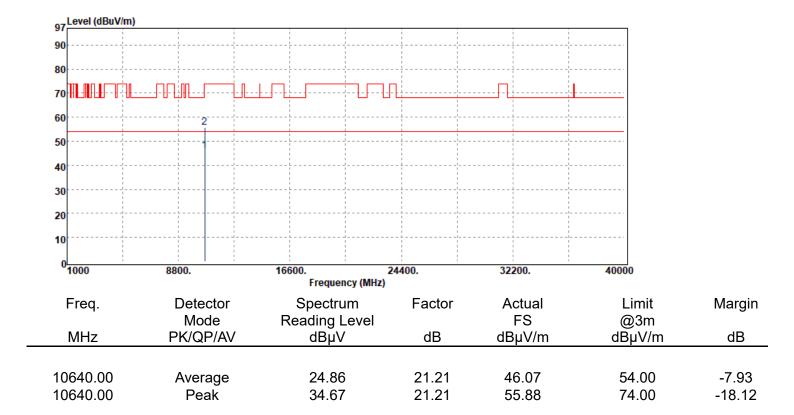
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Operation Mode :802.11ax20 RU full Test Date :2021-01-07

Test Frequency :5320 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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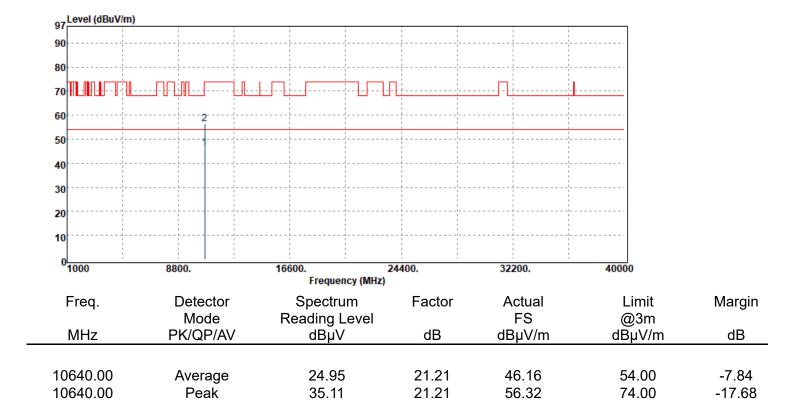
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax20 RU full **Test Date** :2021-01-07

Test Frequency :5320 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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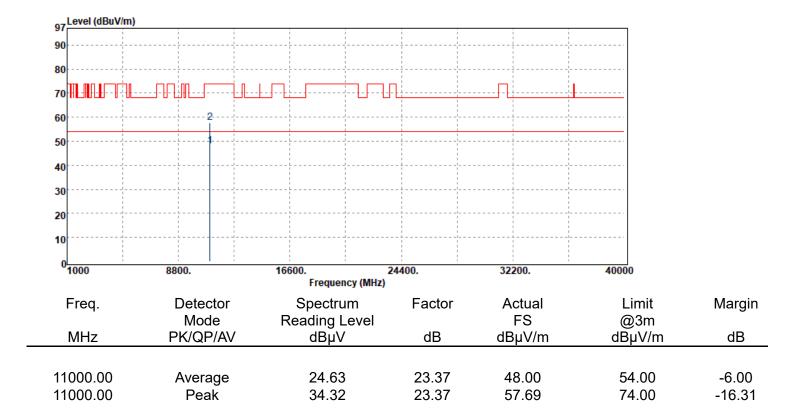
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax20 RU full **Test Date** :2021-01-07

Test Frequency :5500 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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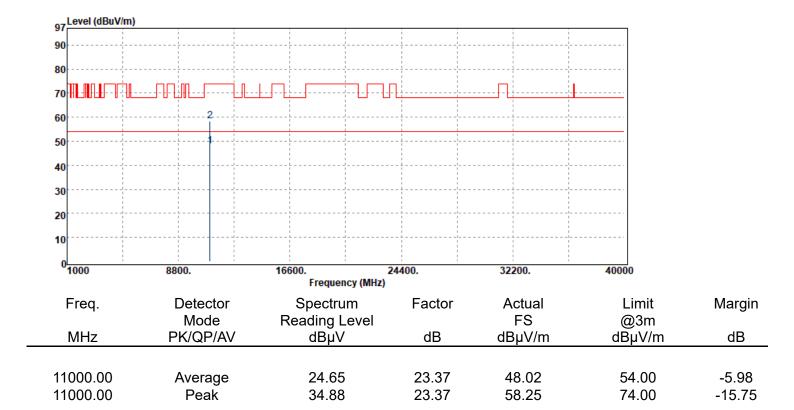
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Operation Mode :802.11ax20 RU full Test Date :2021-01-07

Test Frequency :5500 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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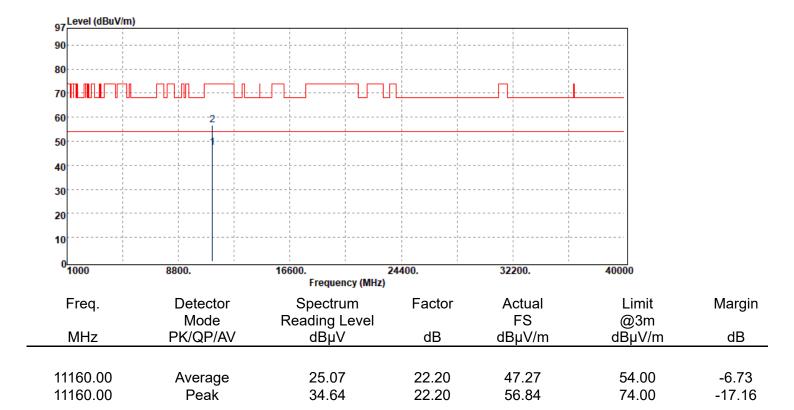
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ax20 RU full Test Date :2021-01-07

Test Frequency :5580 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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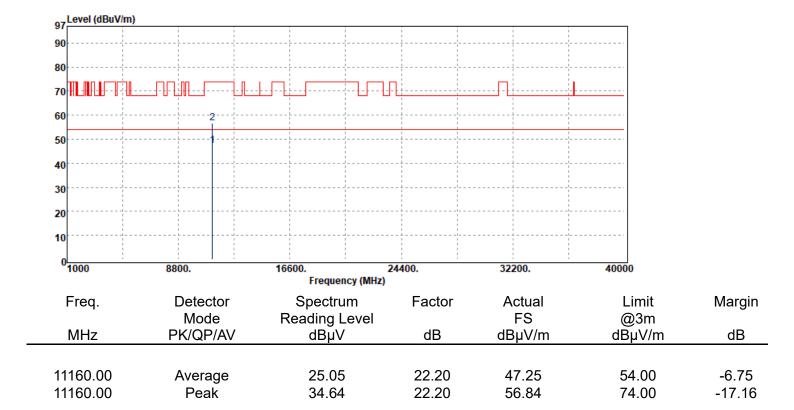
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax20 RU full **Test Date** :2021-01-07

Test Frequency :5580 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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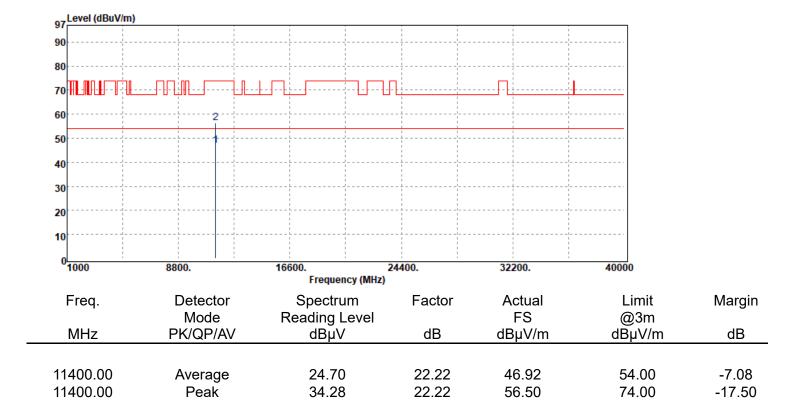
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax20 RU full **Test Date** :2021-01-07

Test Frequency :5700 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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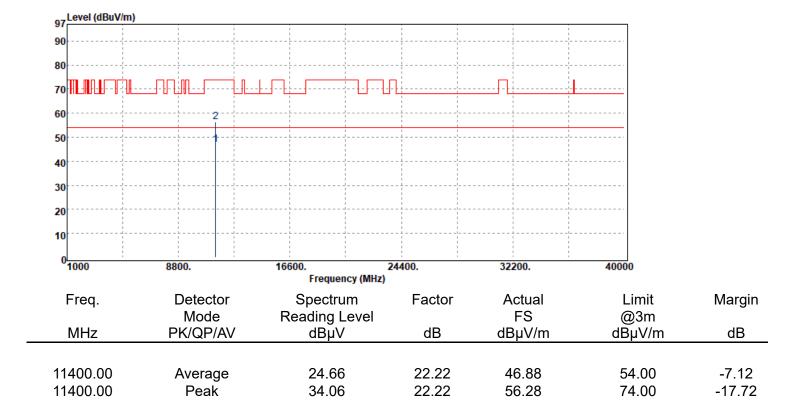
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Operation Mode :802.11ax20 RU full **Test Date** :2021-01-07

Test Frequency :5700 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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:SAC III Chamber

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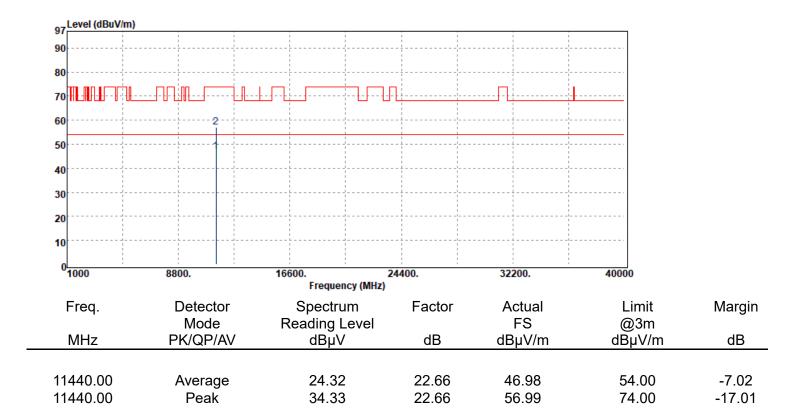
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Operation Mode :802.11ax20 RU full Test Date :2021-01-07

Test Frequency :5720 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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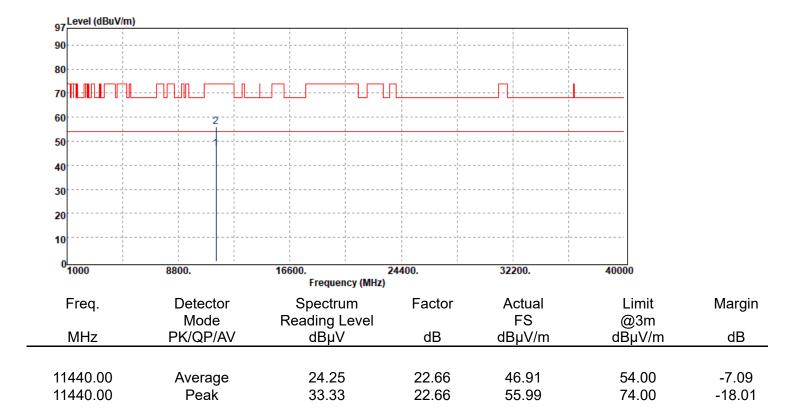
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Operation Mode :802.11ax20 RU full Test Date :2021-01-07

Test Frequency :5720 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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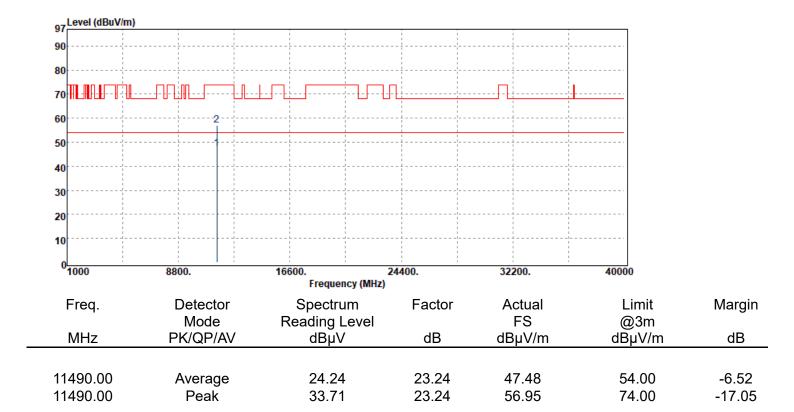
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax20 RU full **Test Date** :2021-01-07

Test Frequency :5745 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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:E2 Plane

EUT Pol

Report No.: ER/2020/B0047

:Ricky

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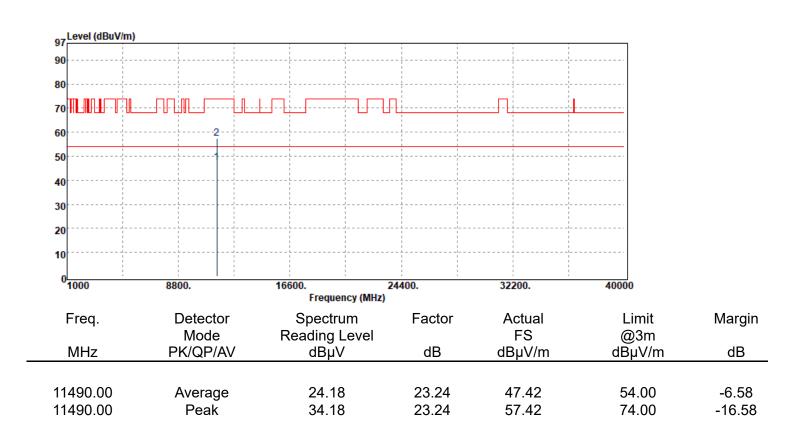
Engineer

Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ax20 RU full Test Date :2021-01-07

Test Frequency :5745 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL



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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU full

Test Frequency :5785 MHz

Test Mode :Tx CH Mid

EUT Pol :E2 Plane

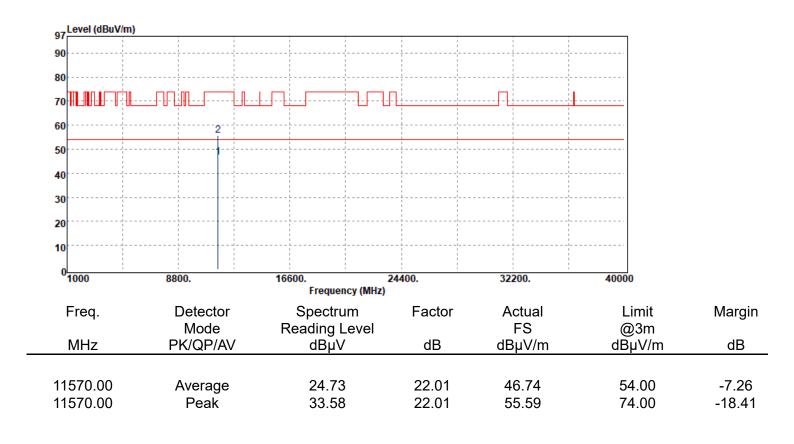
Test Site :SAC III Chamber

Test Date :2021-01-07

Temp./Humi. :21.1/56

Antenna Pol. :VERTICAL

Engineer :Ricky



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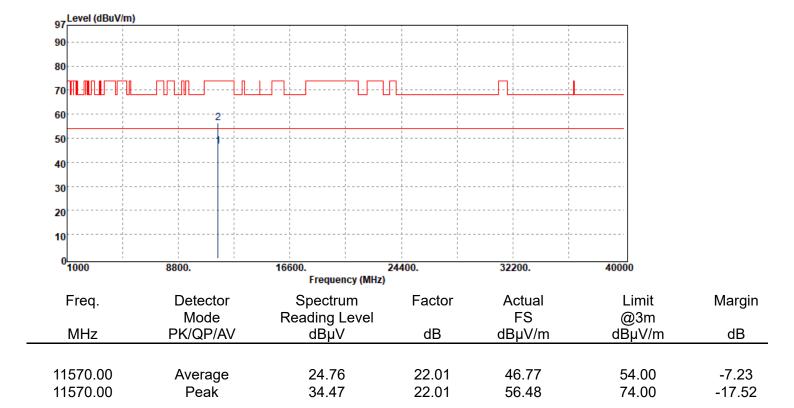
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax20 RU full **Test Date** :2021-01-07

Test Frequency :5785 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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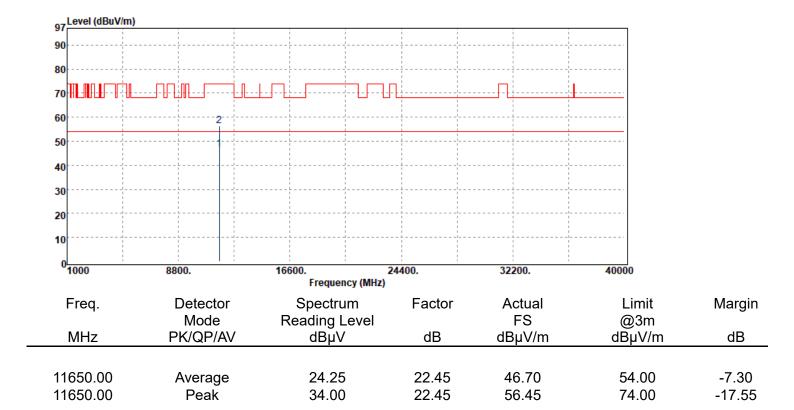
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax20 RU full **Test Date** :2021-01-07

Test Frequency :5825 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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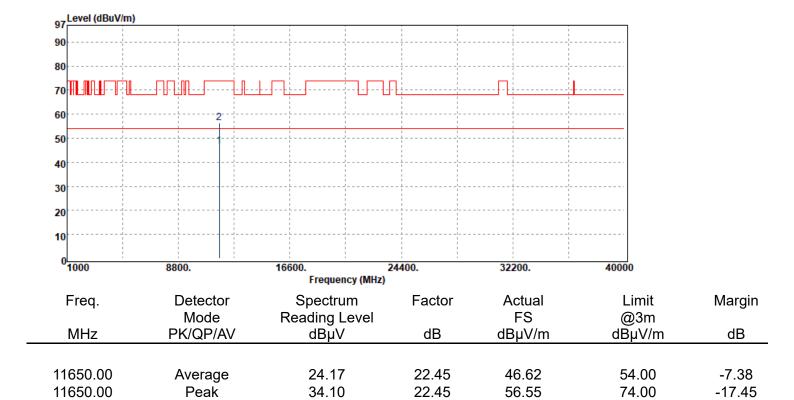
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax20 RU full **Test Date** :2021-01-07

Test Frequency :5825 MHz Temp./Humi. :21.1/56

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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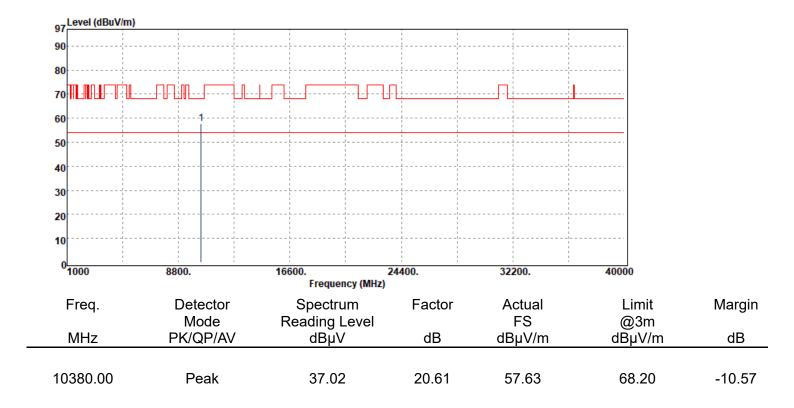
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax40 RU full **Test Date** :2021-01-11

Test Frequency :5190 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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:E2 Plane

EUT Pol

Report No.: ER/2020/B0047

:Ricky

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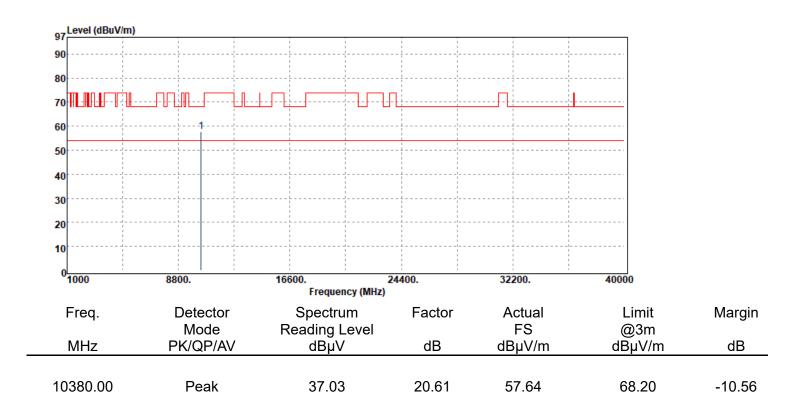
Engineer

Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax40 RU full **Test Date** :2021-01-11

Test Frequency :5190 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL



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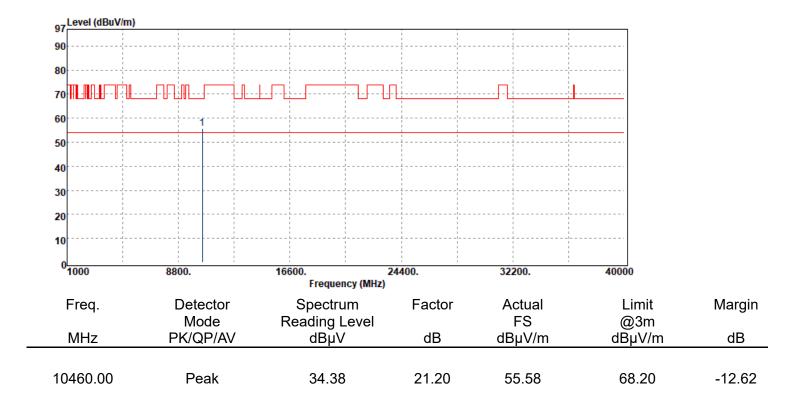
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax40 RU full **Test Date** :2021-01-11

Test Frequency :5230 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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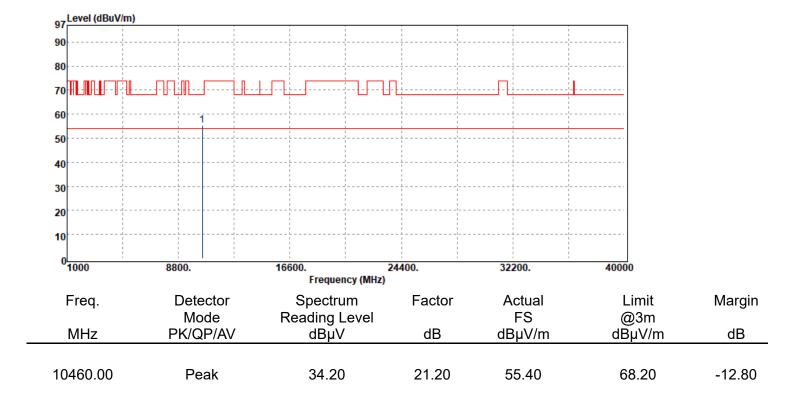
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ax40 RU full Test Date :2021-01-11

Test Frequency :5230 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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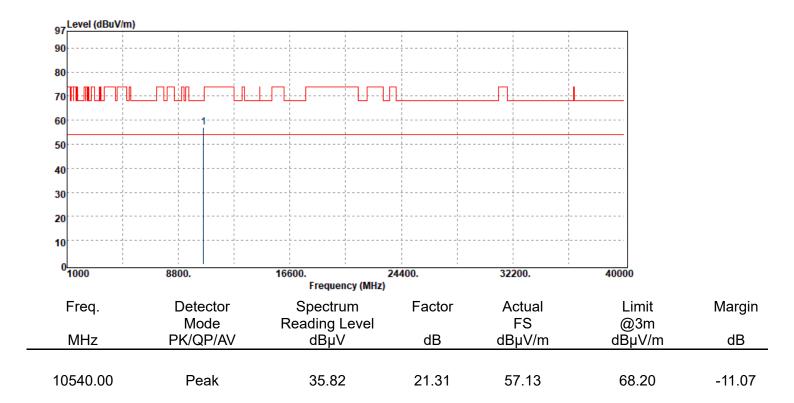
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ax40 RU full Test Date :2021-01-11

Test Frequency :5270 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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Test Mode

Report No.: ER/2020/B0047

:HORIZONTAL

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Antenna Pol.

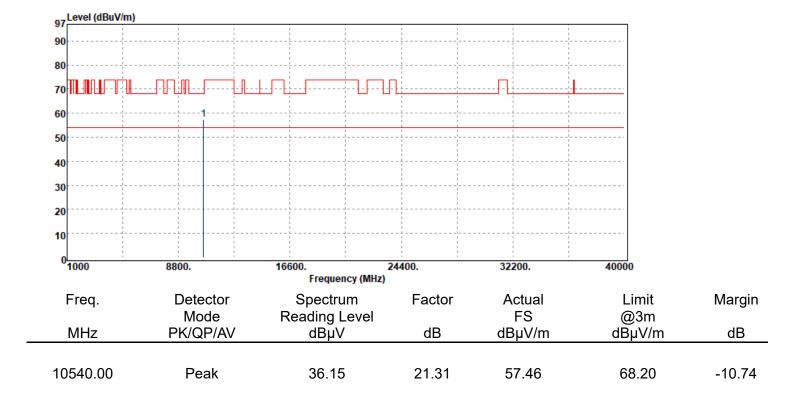
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax40 RU full **Test Date** :2021-01-11

Test Frequency :5270 MHz Temp./Humi. :21.7/52

EUT Pol :E2 Plane Engineer :Ricky

:Tx CH Low



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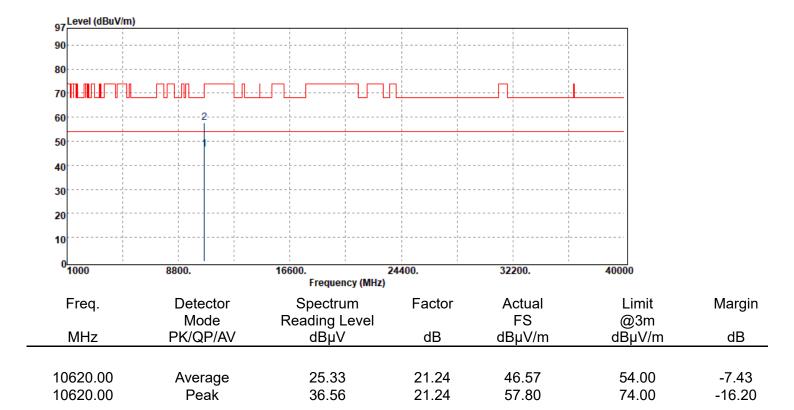
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ax40 RU full Test Date :2021-01-11

Test Frequency :5310 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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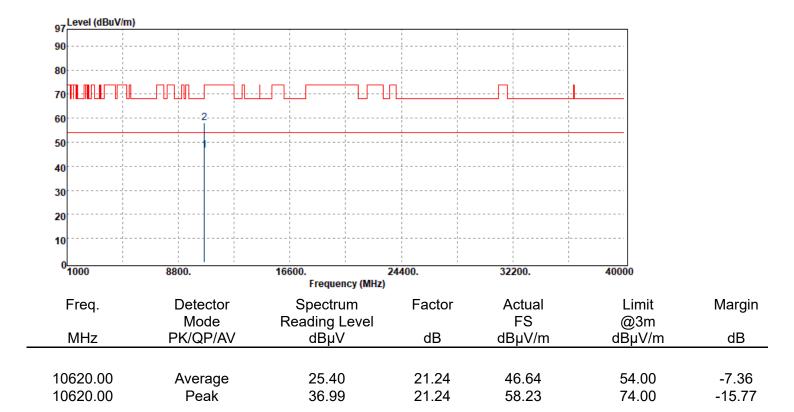
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ax40 RU full Test Date :2021-01-11

Test Frequency :5310 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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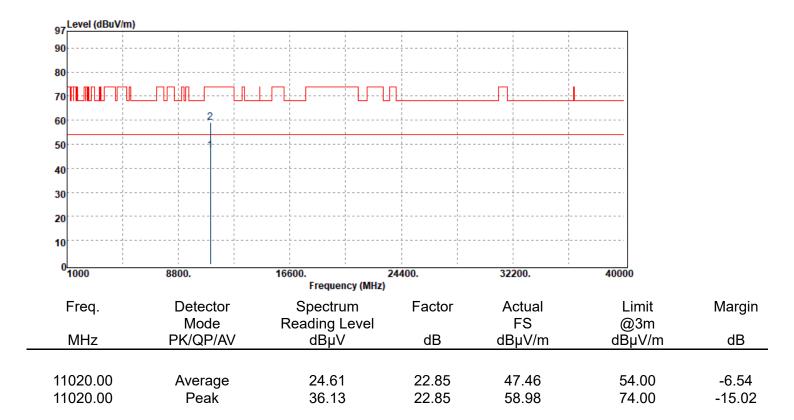
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax40 RU full **Test Date** :2021-01-11

Test Frequency :5510 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax40 RU full **Test Date** :2021-01-11

Test Frequency :5510 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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:SAC III Chamber

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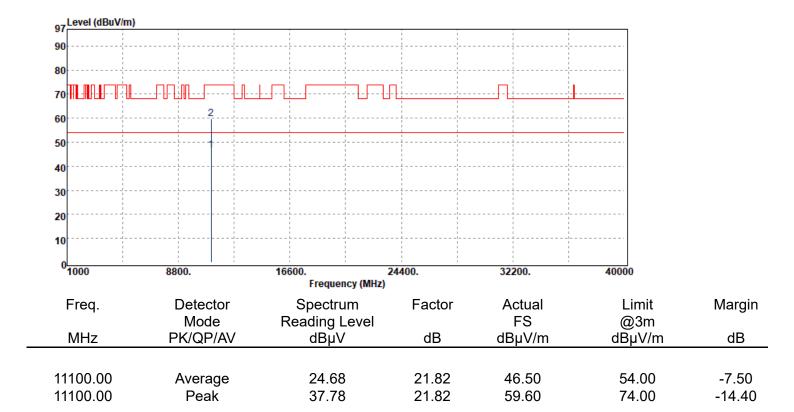
Report Number :ER-2020-B0047 Test Site

Operation Mode :802.11ax40 RU full Test Date :2021-01-11

Test Frequency :5550 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax40 RU full **Test Date** :2021-01-11

Test Frequency :5550 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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Report Number :ER-2020-B0047

Operation Mode :802.11ax40 RU full

Test Frequency :5670 MHz

Test Mode :Tx CH High

EUT Pol :E2 Plane

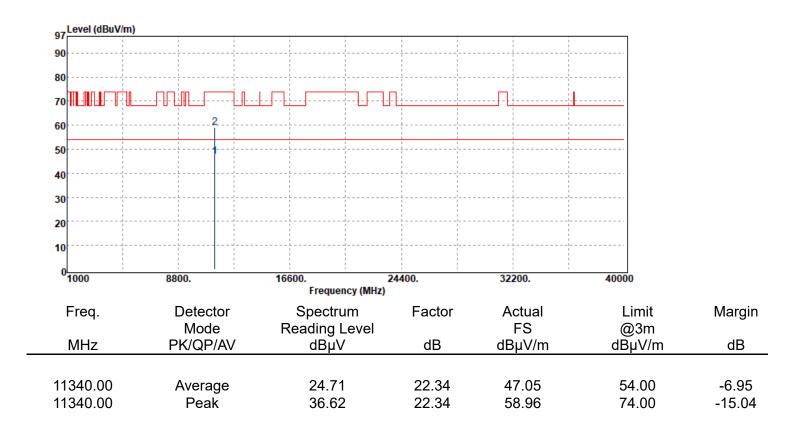
Test Site :SAC III Chamber

Test Date :2021-01-11

Temp./Humi. :21.7/52

Antenna Pol. :VERTICAL

Engineer :Ricky



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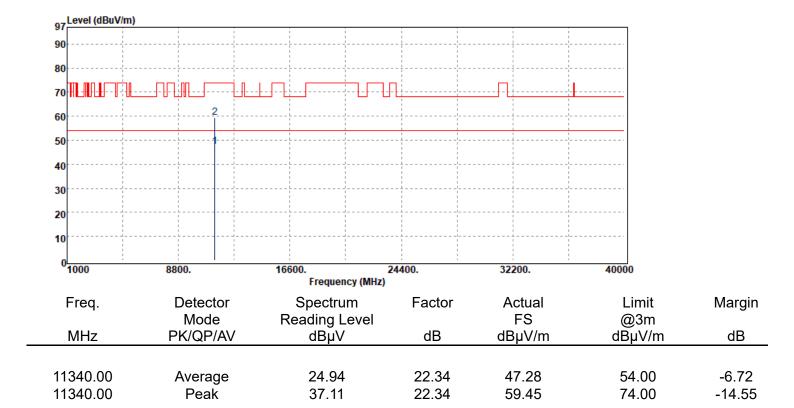
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax40 RU full **Test Date** :2021-01-11

Test Frequency :5670 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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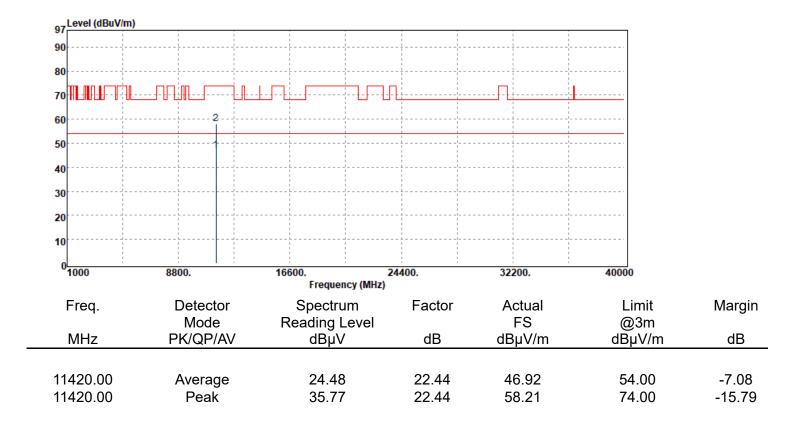
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ax40 RU full Test Date :2021-01-11

Test Frequency :5710 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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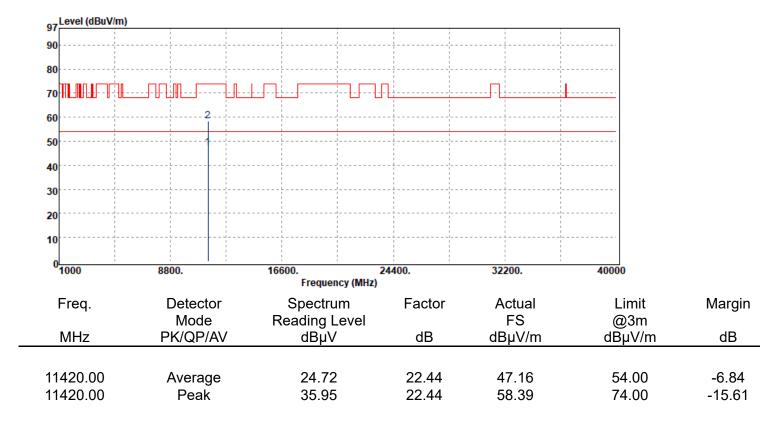
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ax40 RU full Test Date :2021-01-11

Test Frequency :5710 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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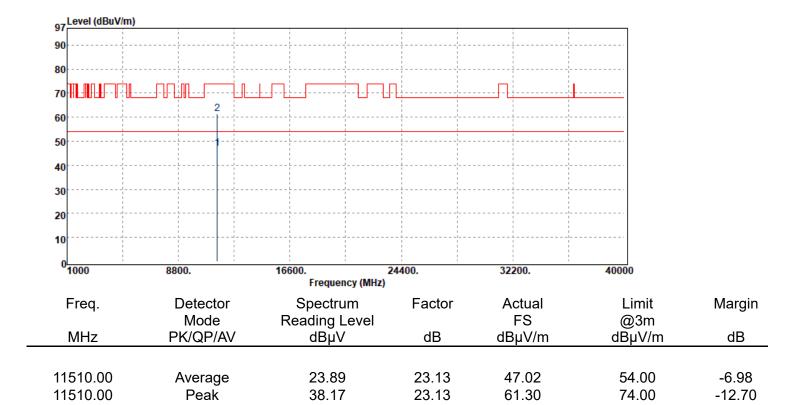
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax40 RU full **Test Date** :2021-01-11

Test Frequency :5755 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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Test Mode

11510.00

11510.00

Report No.: ER/2020/B0047

:HORIZONTAL

54.00

74.00

-6.69

-13.02

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Antenna Pol.

Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax40 RU full **Test Date** :2021-01-11

Test Frequency :5755 MHz Temp./Humi. :21.7/52

EUT Pol :E2 Plane Engineer :Ricky

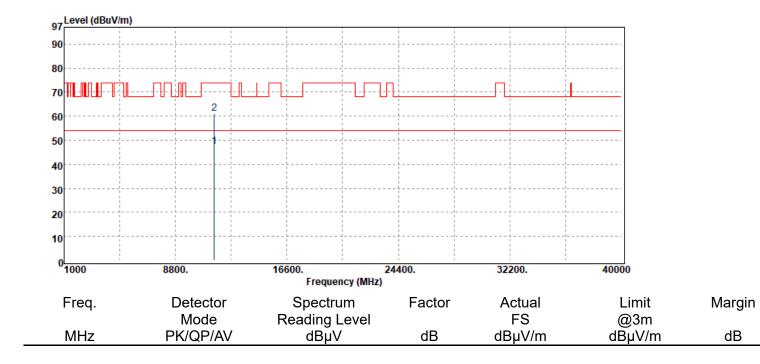
24.18

37.85

:Tx CH Low

Average

Peak



23.13

23.13

47.31

60.98

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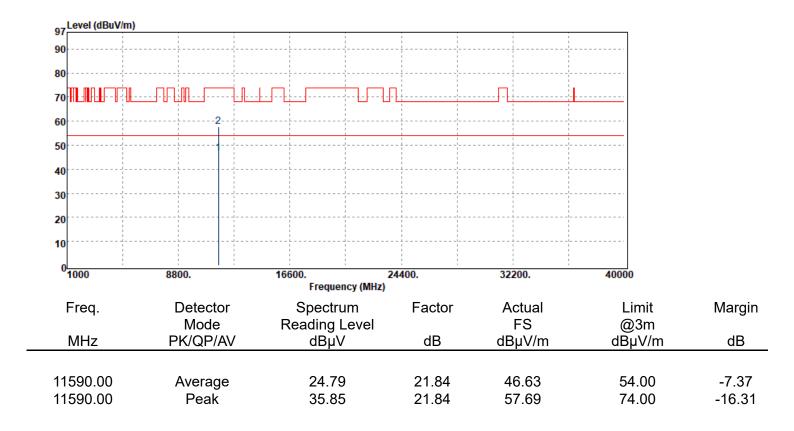
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax40 RU full **Test Date** :2021-01-11

Test Frequency :5795 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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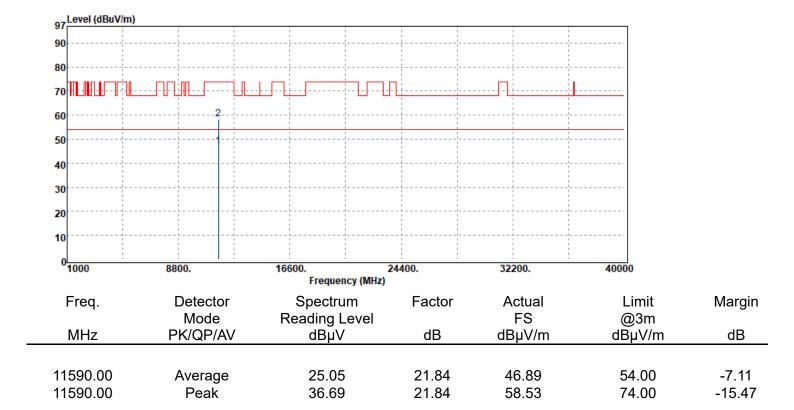
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax40 RU full **Test Date** :2021-01-11

Test Frequency :5795 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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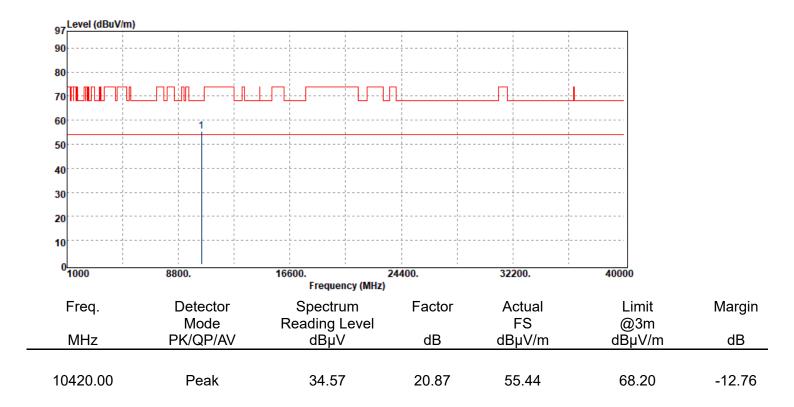
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ax80 RU full Test Date :2021-01-11

Test Frequency :5210 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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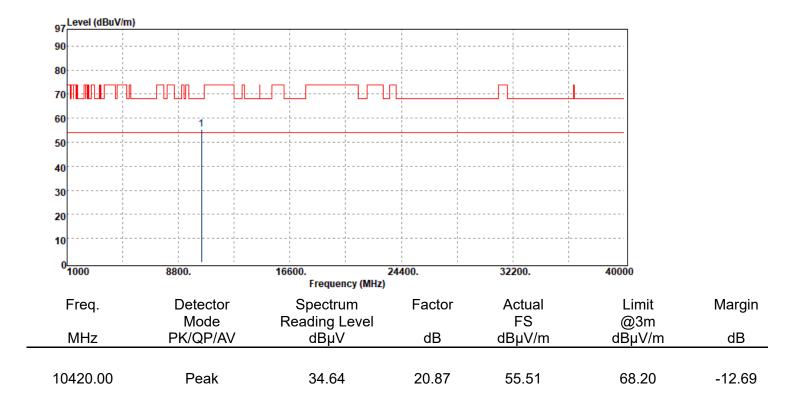
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax80 RU full **Test Date** :2021-01-11

Test Frequency :5210 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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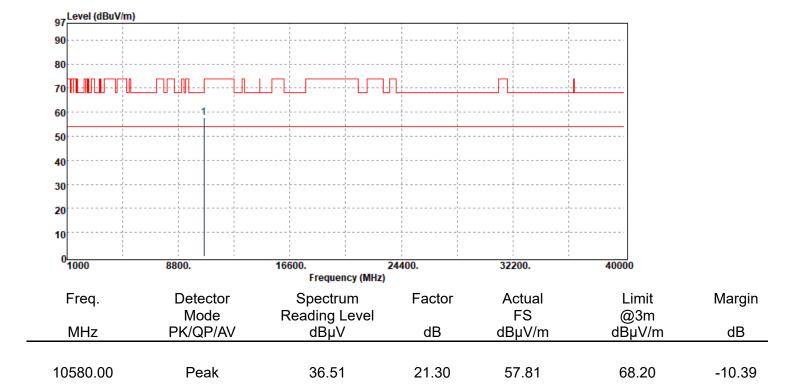
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax80 RU full **Test Date** :2021-01-11

Test Frequency :5290 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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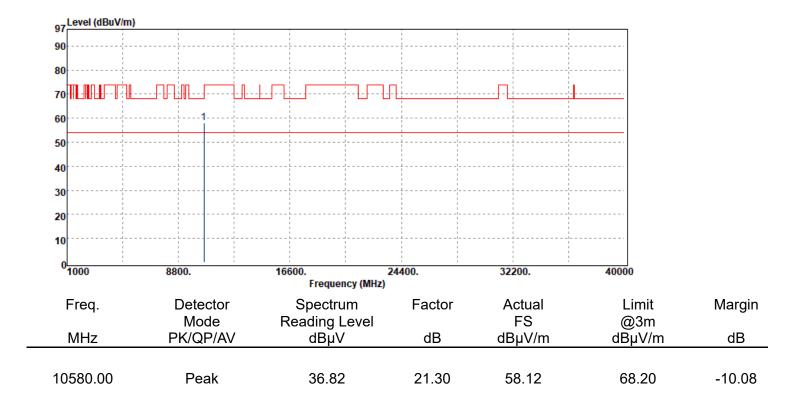
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ax80 RU full Test Date :2021-01-11

Test Frequency :5290 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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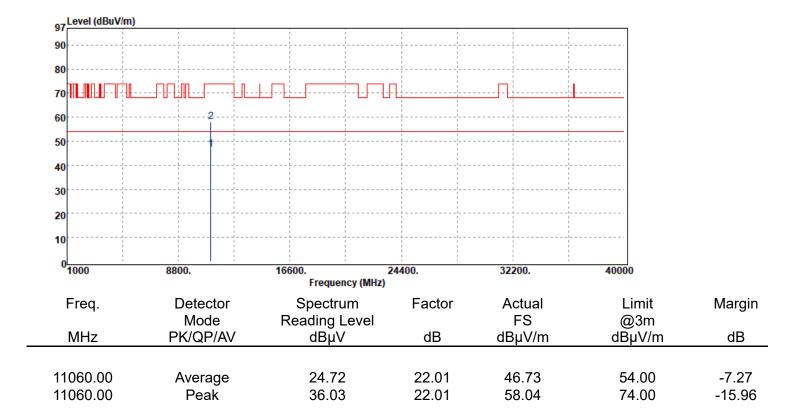
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ax80 RU full Test Date :2021-01-11

Test Frequency :5530 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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Test Mode

11060.00

Report No.: ER/2020/B0047

:HORIZONTAL

74.00

-15.45

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Antenna Pol.

Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax80 RU full **Test Date** :2021-01-11

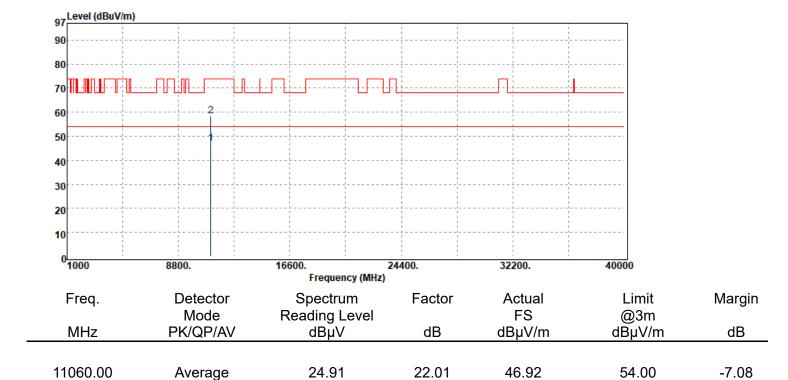
Test Frequency :5530 MHz Temp./Humi. :21.7/52

EUT Pol :E2 Plane Engineer :Ricky

36.54

:Tx CH Low

Peak



22.01

58.55

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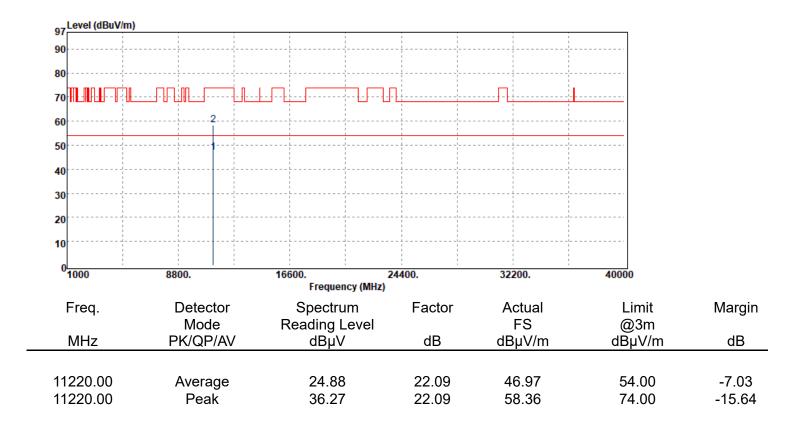
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ax80 RU full Test Date :2021-01-11

Test Frequency :5610 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH Mid Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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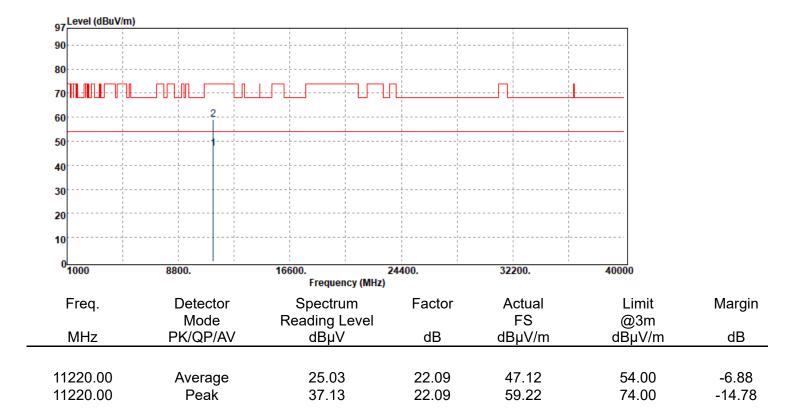
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax80 RU full **Test Date** :2021-01-11

Test Frequency :5610 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH Mid Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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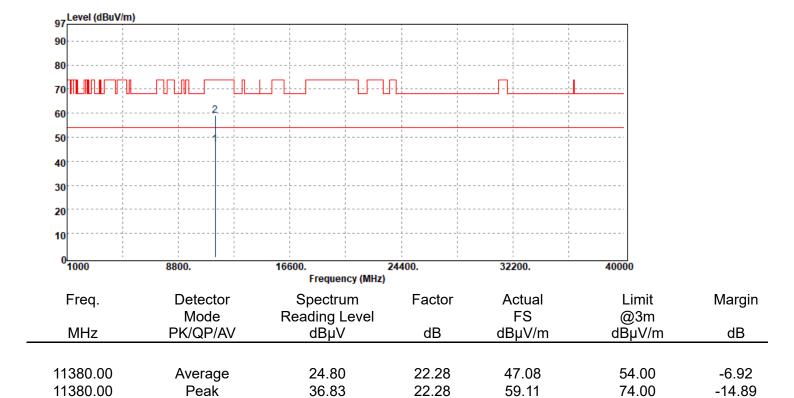
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax80 RU full **Test Date** :2021-01-11

Test Frequency :5690 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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Test Mode

Report No.: ER/2020/B0047

:HORIZONTAL

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Antenna Pol.

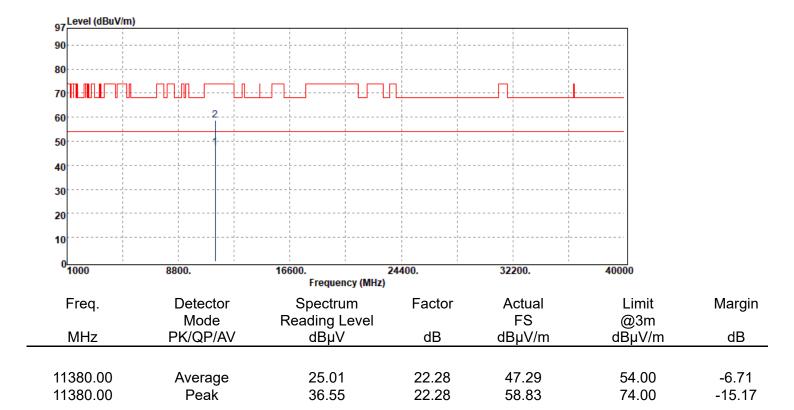
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax80 RU full **Test Date** :2021-01-11

Test Frequency :5690 MHz Temp./Humi. :21.7/52

EUT Pol :E2 Plane Engineer :Ricky

:Tx CH High



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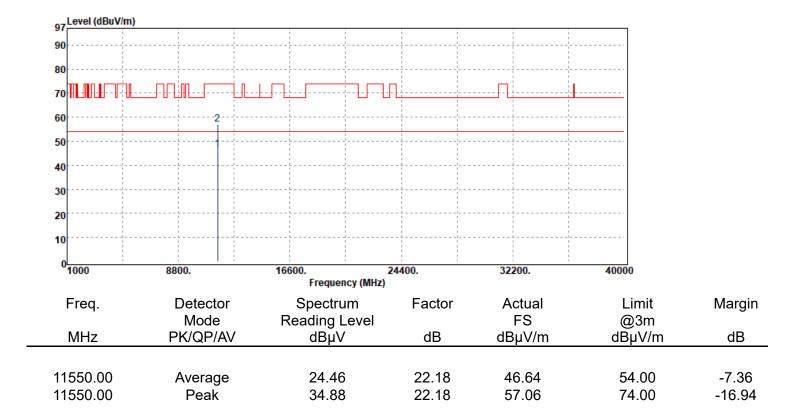
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax80 RU full **Test Date** :2021-01-11

Test Frequency :5775 MHz Temp./Humi. :21.7/52

Test Mode :Tx CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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Test Mode

Report No.: ER/2020/B0047

:HORIZONTAL

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Antenna Pol.

Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax80 RU full **Test Date** :2021-01-11

Test Frequency :5775 MHz Temp./Humi. :21.7/52

EUT Pol :E2 Plane Engineer :Ricky

:Tx CH Low



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11.7.3 Band edge falling to restricted band

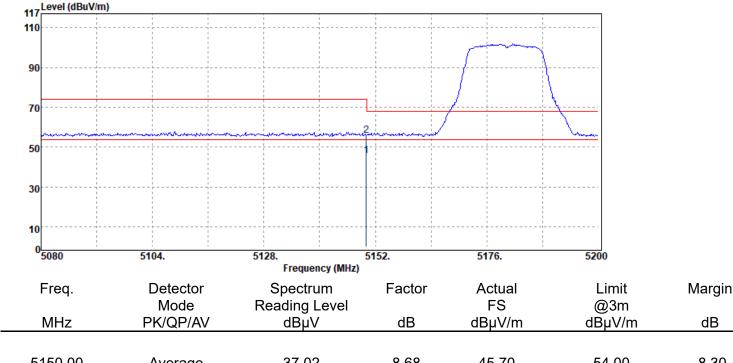
:SAC III Chamber Report Number :ER-2020-B0047 **Test Site**

Operation Mode :802.11a **Test Date** :2020-12-03

Test Frequency :5180 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low :VERTICAL Antenna Pol.

EUT Pol :E2 Plane Engineer :Ricky



	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
5150.00	Average	37.02	8.68	45.70	54.00	-8.30
5150.00	Peak	47.30	8.68	55.98	74.00	-18.02

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Report Number :ER-2020-B0047

Operation Mode :802.11a

Test Frequency :5180 MHz

Test Mode :Bandedge CH Low

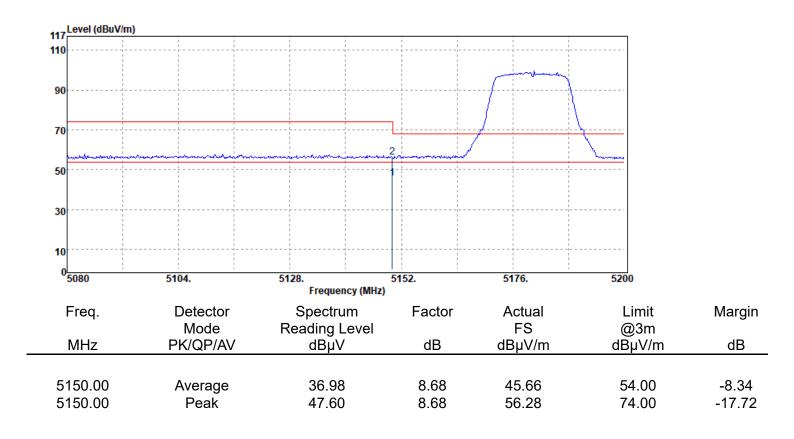
EUT Pol :E2 Plane **Test Site** :SAC III Chamber

Test Date :2020-12-03

Temp./Humi. :23/58

Antenna Pol. :HORIZONTAL

Engineer :Ricky



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Report Number :ER-2020-B0047

Operation Mode :802.11a

Test Frequency :5320 MHz

Test Mode :Bandedge CH High

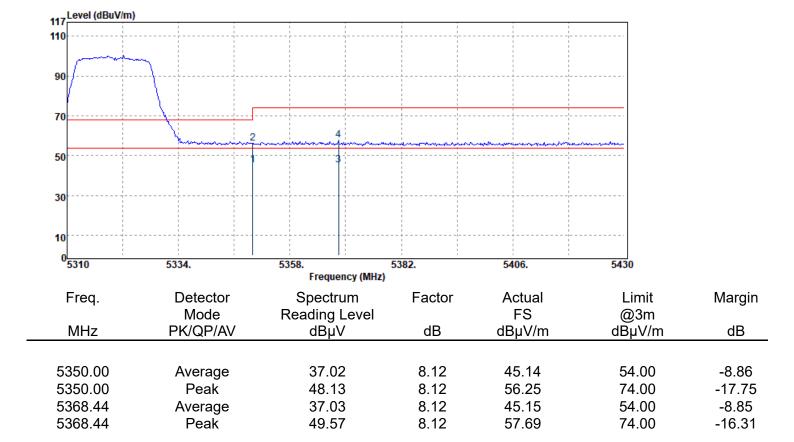
EUT Pol :E2 Plane Test Site :SAC III Chamber

Test Date :2020-12-03

Temp./Humi. :23/58

Antenna Pol. :VERTICAL

Engineer :Ricky



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Report Number :ER-2020-B0047

Operation Mode :802.11a

Test Frequency :5320 MHz

Test Mode :Bandedge CH High

EUT Pol :E2 Plane

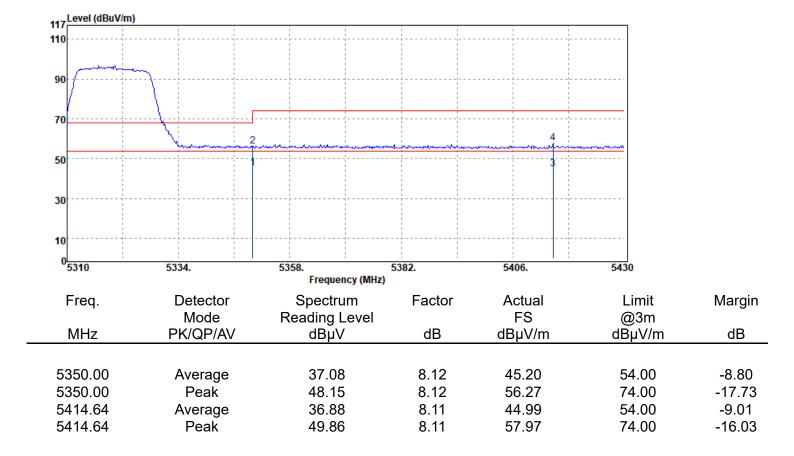
Test Site :SAC III Chamber

Test Date :2020-12-03

Temp./Humi. :23/58

Antenna Pol. :HORIZONTAL

Engineer :Ricky



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Report Number :ER-2020-B0047

Operation Mode :802.11a

Test Frequency :5500 MHz

Test Mode :Bandedge CH Low

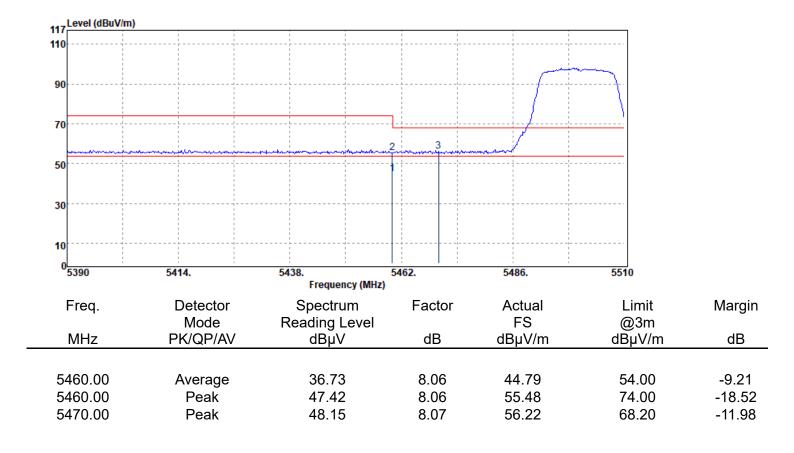
EUT Pol :E2 Plane Test Site :SAC III Chamber

Test Date :2020-12-03

Temp./Humi. :23/58

Antenna Pol. :VERTICAL

Engineer :Ricky



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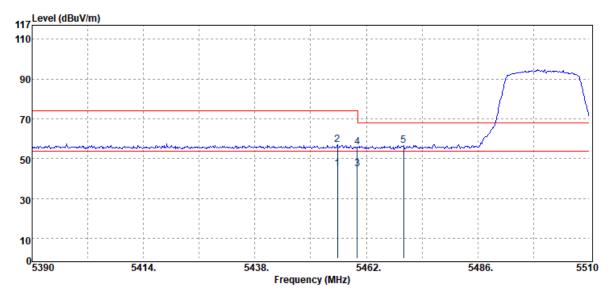
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-03 :802.11a

Test Frequency :5500 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

:Ricky **EUT Pol** :E2 Plane Engineer



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
				•	'	
5455.76	Average	36.94	8.06	45.00	54.00	-9.00
5455.76	Peak	48.91	8.06	56.97	74.00	-17.03
5460.00	Average	36.76	8.06	44.82	54.00	-9.18
5460.00	Peak	47.65	8.06	55.71	74.00	-18.29
5470.00	Peak	48.43	8.07	56.50	68.20	-11.70

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Report Number :ER-2020-B0047

Operation Mode :802.11a

Test Frequency :5700 MHz

Test Mode :Bandedge CH High

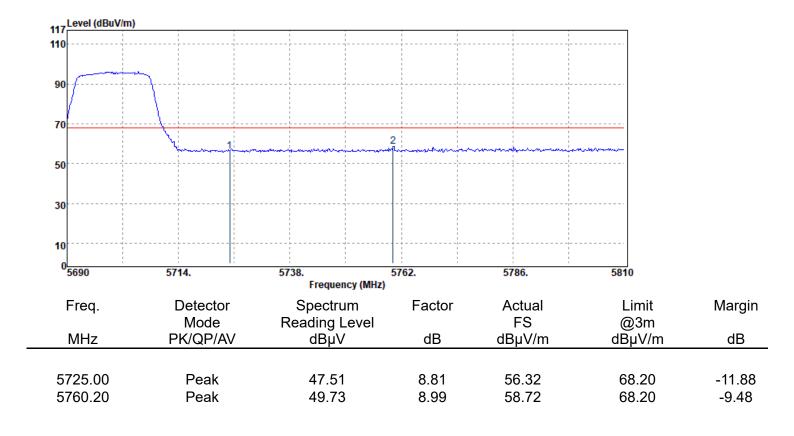
EUT Pol :E2 Plane Test Site :SAC III Chamber

Test Date :2020-12-03

Temp./Humi. :23/58

Antenna Pol. :VERTICAL

Engineer :Ricky



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Report Number :ER-2020-B0047

Operation Mode :802.11a

Test Frequency :5700 MHz

Test Mode :Bandedge CH High

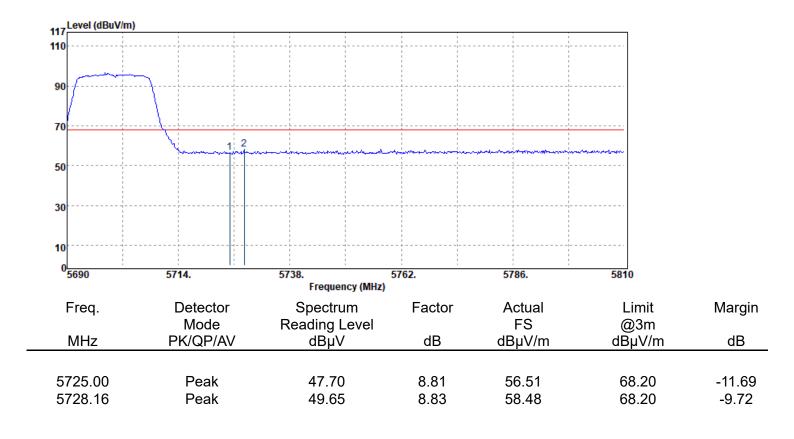
EUT Pol :E2 Plane **Test Site** :SAC III Chamber

Test Date :2020-12-03

Temp./Humi. :23/58

Antenna Pol. :HORIZONTAL

Engineer :Ricky



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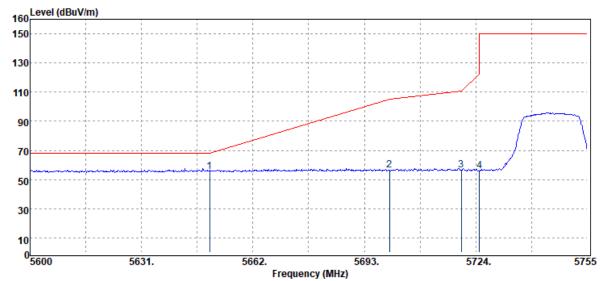
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11a Test Date :2020-12-03

Test Frequency :5745 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dΒμV/m	Limit @3m dBµV/m	Margin dB
5650.00	Peak	47.25	8.32	55.57	68.20	-12.63
5700.00	Peak	47.66	8.69	56.35	105.20	-48.85
5720.00	Peak	47.67	8.78	56.45	110.80	-54.35
5725.00	Peak	47.24	8.81	56.05	122.20	-66.15

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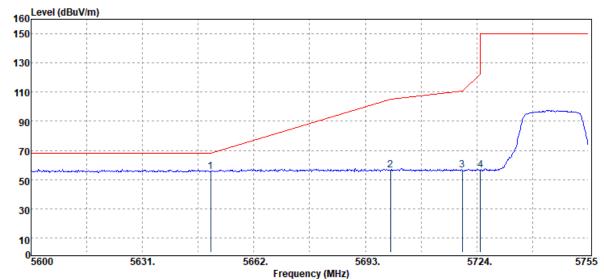
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-03 :802.11a

Test Frequency :5745 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dΒμV/m	Limit @3m dBµV/m	Margin dB
5650.00	Peak	47.25	8.32	55.57	68.20	-12.63
5700.00	Peak	47.53	8.69	56.22	105.20	-48.98
5720.00	Peak	47.59	8.78	56.37	110.80	-54.43
5725.00	Peak	47.90	8.81	56.71	122.20	-65.49

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Report Number :ER-2020-B0047

Operation Mode :802.11a

Test Frequency :5825 MHz

Test Mode :Bandedge CH High

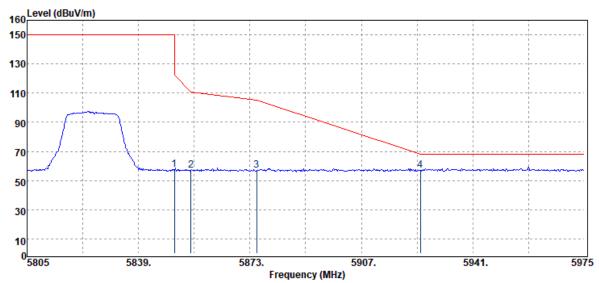
EUT Pol :E2 Plane Test Site :SAC III Chamber

Test Date :2020-12-03

Temp./Humi. :23/58

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
5850.00	Peak	47.98	9.42	57.40	122.20	-64.80
5855.00	Peak	47.51	9.44	56.95	110.80	-53.85
5875.00	Peak	47.26	9.50	56.76	105.20	-48.44
5925.00	Peak	47.29	9.65	56.94	68.20	-11.26

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Report Number :ER-2020-B0047

Operation Mode :802.11a

Test Frequency :5825 MHz Test Mode :Bandedge CH High

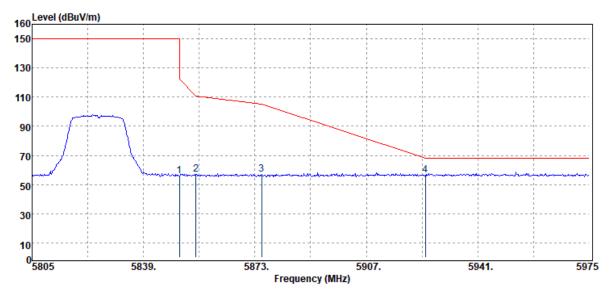
EUT Pol :E2 Plane **Test Site** :SAC III Chamber

Test Date :2020-12-03

Temp./Humi. :23/58

Antenna Pol. :HORIZONTAL

Engineer :Ricky



3
32
98
95
85
3

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Report Number :ER-2020-B0047

Operation Mode :802.11n20

Test Frequency :5180 MHz

Test Mode :Bandedge CH Low

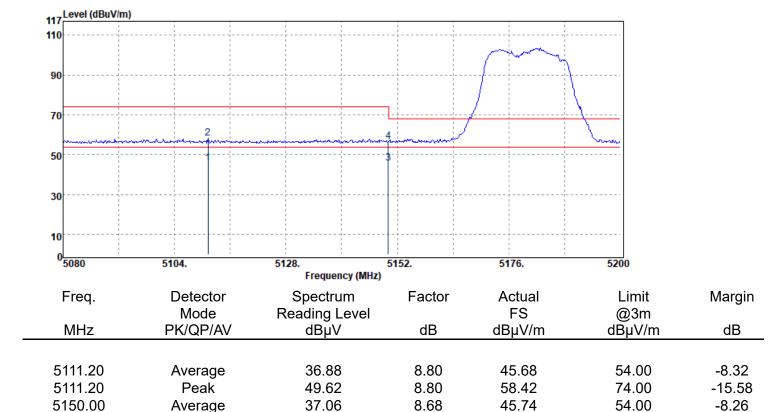
EUT Pol :E2 Plane Test Site :SAC III Chamber

Test Date :2020-12-03

Temp./Humi. :23/58

Antenna Pol. :VERTICAL

Engineer :Ricky



8.68

56.69

74.00

-17.31

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48.01

5150.00

Peak



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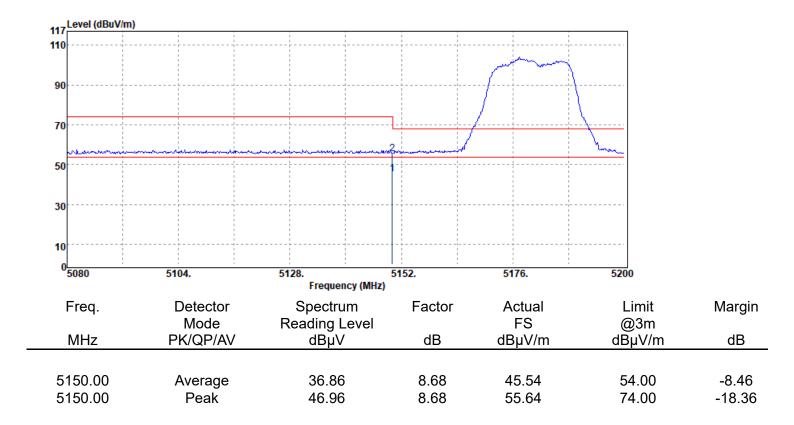
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2020-12-03

Test Frequency :5180 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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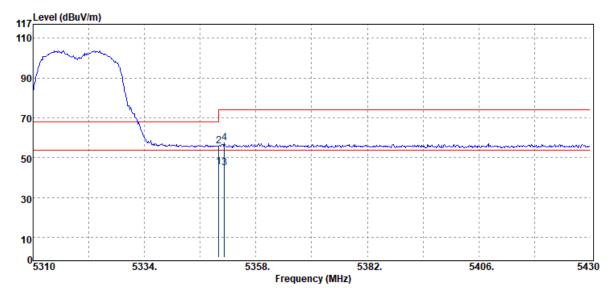
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2020-12-03

Test Frequency :5320 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :E2 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	37.09	8.12	45.21	54.00	-8.79
5350.00	Peak	47.90	8.12	56.02	74.00	-17.98
5351.16	Average	37.01	8.12	45.13	54.00	-8.87
5351.16	Peak	49.20	8.12	57.32	74.00	-16.68

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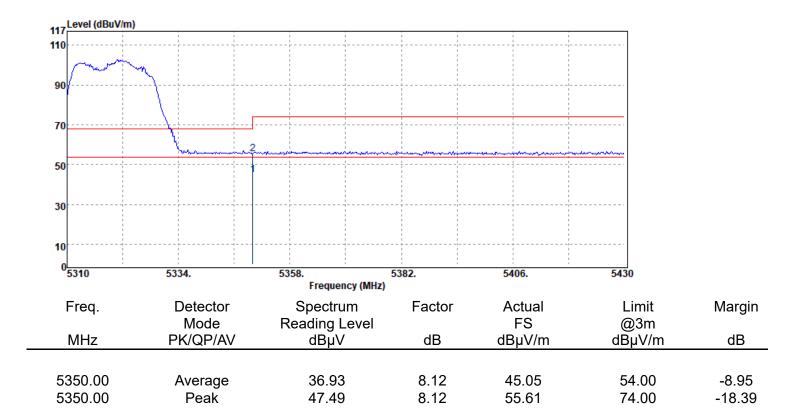
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2020-12-03

Test Frequency :5320 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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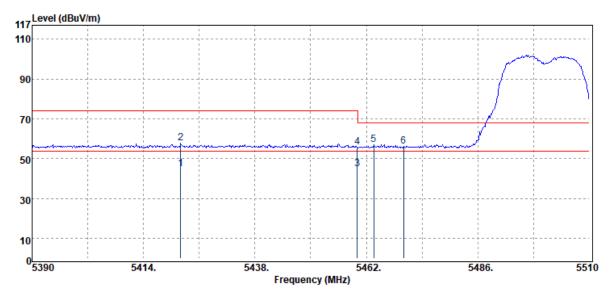
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-03 :802.11n20

Test Frequency :5500 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 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
		·		•	•	
5422.04	Average	36.93	8.10	45.03	54.00	-8.97
5422.04	Peak	49.94	8.10	58.04	74.00	-15.96
5460.00	Average	36.87	8.06	44.93	54.00	-9.07
5460.00	Peak	47.76	8.06	55.82	74.00	-18.18
5463.56	Peak	49.06	8.07	57.13	68.20	-11.07
5470.00	Peak	48.11	8.07	56.18	68.20	-12.02

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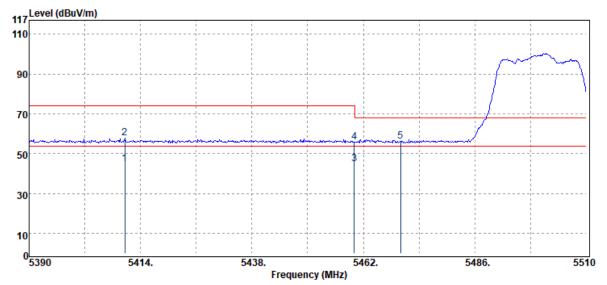
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2020-12-03

Test Frequency :5500 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 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
-	·	'		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
5410.64	Average	36.82	8.11	44.93	54.00	-9.07
5410.64	Peak	49.63	8.11	57.74	74.00	-16.26
5460.00	Average	36.79	8.06	44.85	54.00	-9.15
5460.00	Peak	47.66	8.06	55.72	74.00	-18.28
5470.00	Peak	48.11	8.07	56.18	68.20	-12.02

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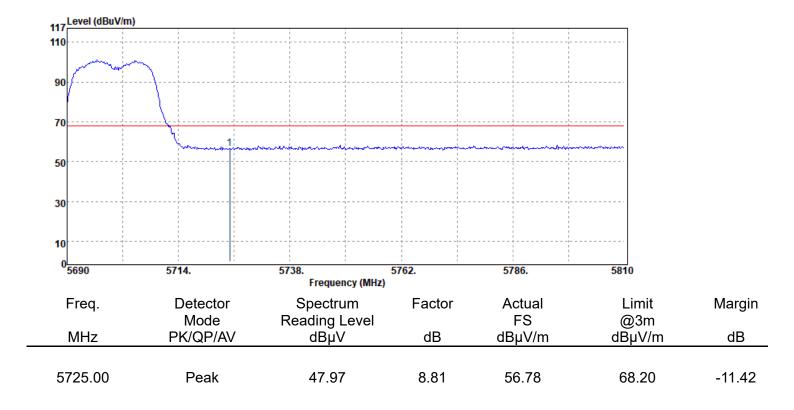
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2020-12-03

Test Frequency :5700 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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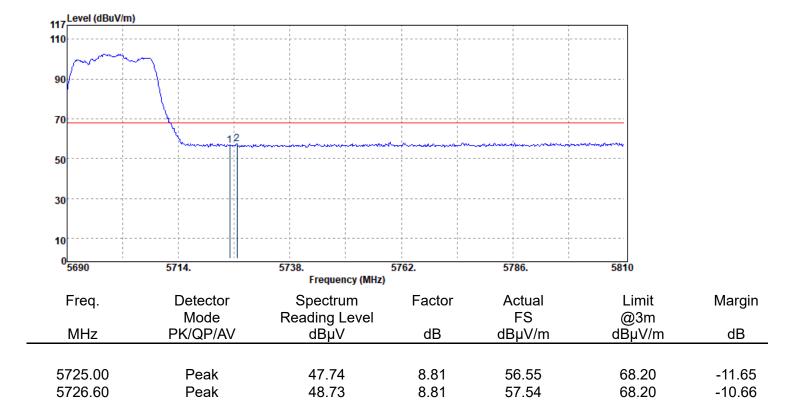
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n20 Test Date :2020-12-03

Test Frequency :5700 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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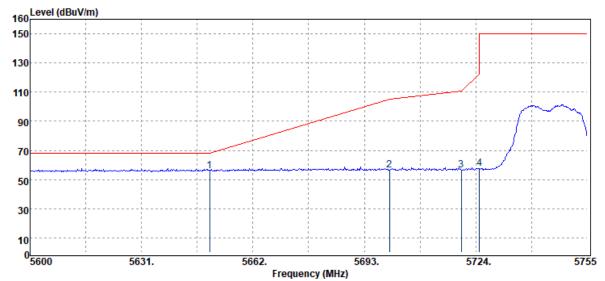
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-03 :802.11n20

Test Frequency :5745 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 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	47.84	8.32	56.16	68.20	-12.04
5700.00	Peak	47.75	8.69	56.44	105.20	-48.76
5720.00	Peak	47.95	8.78	56.73	110.80	-54.07
5725.00	Peak	48.53	8.81	57.34	122.20	-64.86

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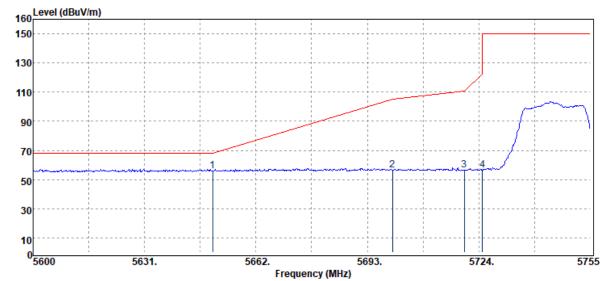
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-03 :802.11n20

Test Frequency :5745 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 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	47.60	8.32	55.92	68.20	-12.28
5700.00	Peak	47.78	8.69	56.47	105.20	-48.73
5720.00	Peak	47.72	8.78	56.50	110.80	-54.30
5725.00	Peak	47.75	8.81	56.56	122.20	-65.64

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Report Number :ER-2020-B0047

Operation Mode :802.11n20

Test Frequency :5825 MHz

Test Mode :Bandedge CH High

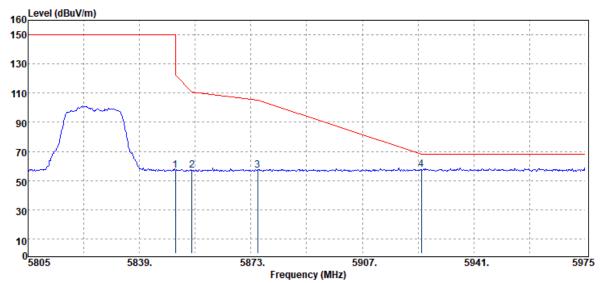
EUT Pol :E2 Plane Test Site :SAC III Chamber

Test Date :2020-12-03

Temp./Humi. :23/58

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
5850.00	Peak	47.34	9.42	56.76	122.20	-65.44
5855.00	Peak	47.59	9.44	57.03	110.80	-53.77
5875.00	Peak	47.66	9.50	57.16	105.20	-48.04
5925.00	Peak	47.67	9.65	57.32	68.20	-10.88

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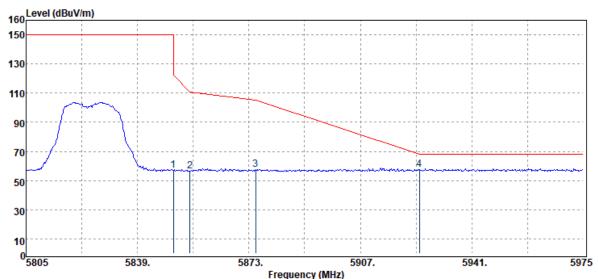
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-03 :802.11n20

Test Frequency :5825 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



		rrequency (milz)				
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	47.76	9.42	57.18	122.20	-65.02
5855.00	Peak	47.19	9.44	56.63	110.80	-54.17
5875.00	Peak	48.14	9.50	57.64	105.20	-47.56
5925.00	Peak	47.69	9.65	57.34	68.20	-10.86

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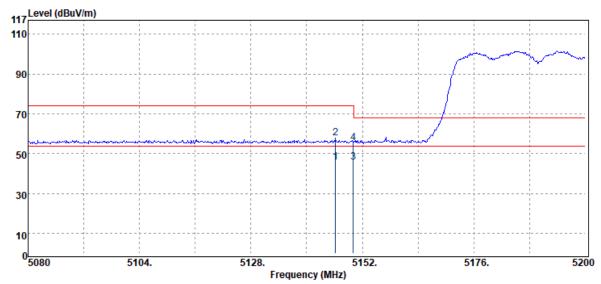
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-03 :802.11n40

Test Frequency :5190 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 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
171112	11001770	αυμν	чь	авруин	αυμν////	<u> </u>
5146.24	Average	37.07	8.69	45.76	54.00	-8.24
5146.24	Peak	49.31	8.69	58.00	74.00	-16.00
5150.00	Average	37.04	8.68	45.72	54.00	-8.28
5150.00	Peak	46.74	8.68	55.42	74.00	-18.58

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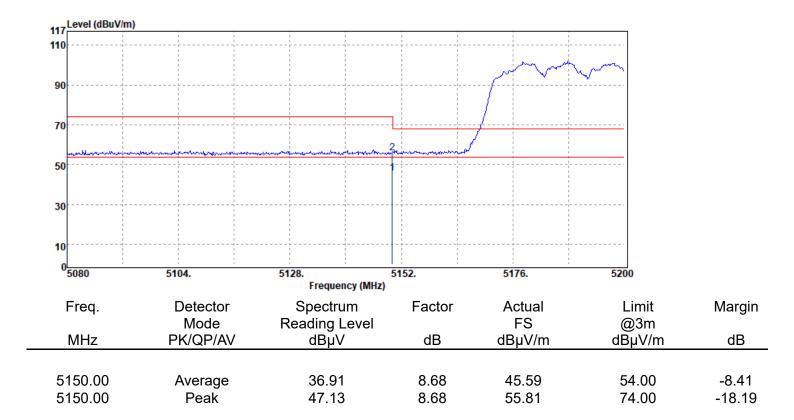
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2020-12-03

Test Frequency :5190 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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EUT Pol

Report No.: ER/2020/B0047

:Ricky

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Engineer

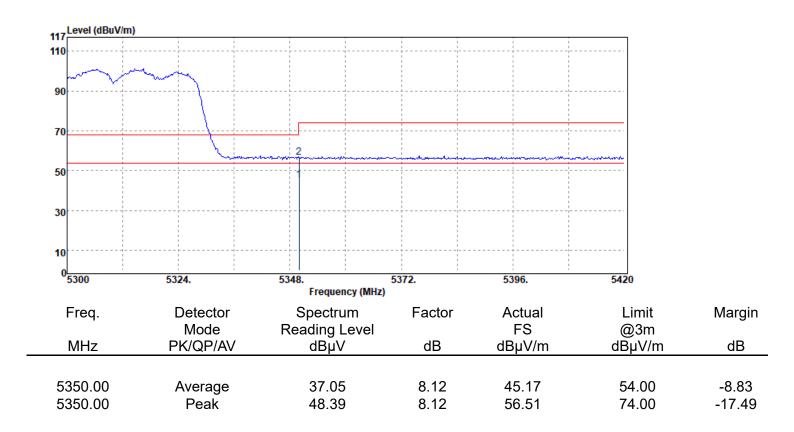
Report Number Test Site :SAC III Chamber :ER-2020-B0047

:E2 Plane

Operation Mode Test Date :2020-12-03 :802.11n40

Test Frequency :5310 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL



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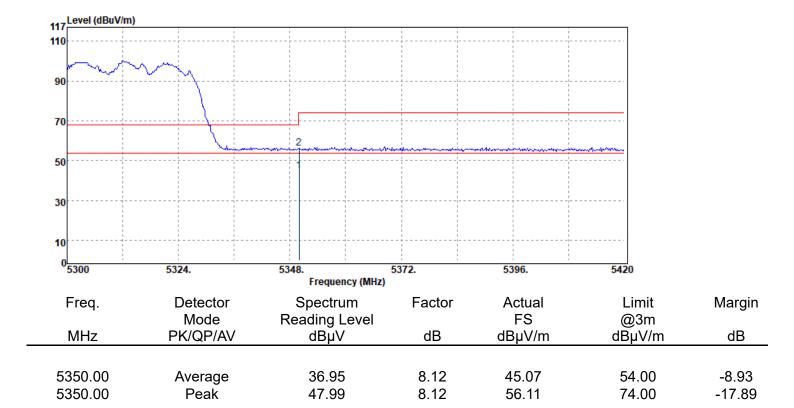
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2020-12-03

Test Frequency :5310 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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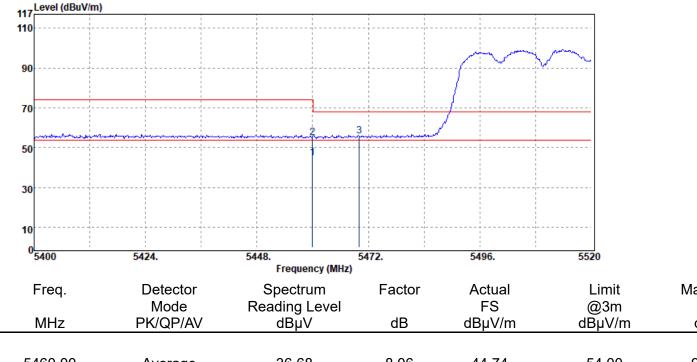
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-03 :802.11n40

Test Frequency :5510 MHz Temp./Humi. :23/58

:VERTICAL Test Mode :Bandedge CH Low Antenna Pol.

:Ricky **EUT Pol** :E2 Plane Engineer



Freq.	Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	wargin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dΒμV/m	dB
5460.00	Average	36.68	8.06	44.74	54.00	-9.26
5460.00	Peak	47.03	8.06	55.09	74.00	-18.91
5470.00	Peak	47.87	8.07	55.94	68.20	-12.26

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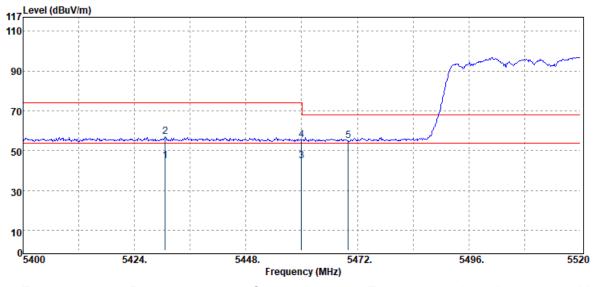
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-03 :802.11n40

Test Frequency :5510 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

:Ricky **EUT Pol** :E2 Plane Engineer



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dΒμV/m	dB
5430.60	Average	36.92	8.09	45.01	54.00	-8.99
5430.60	Peak	49.19	8.09	57.28	74.00	-16.72
5460.00	Average	36.86	8.06	44.92	54.00	-9.08
5460.00	Peak	47.39	8.06	55.45	74.00	-18.55
5470.00	Peak	46.95	8.07	55.02	68.20	-13.18

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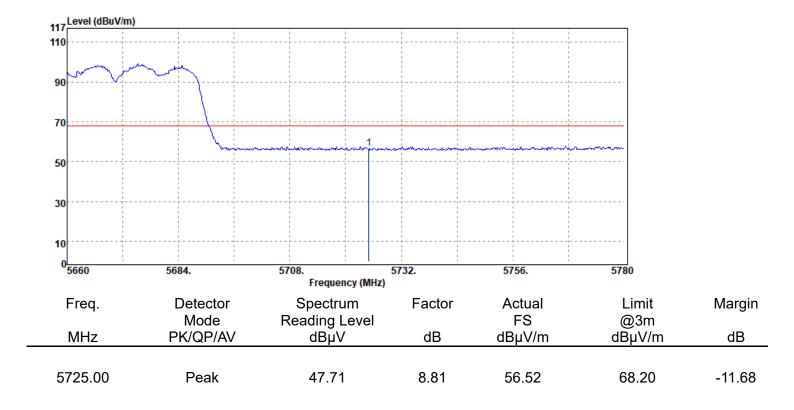
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2020-12-03

Test Frequency :5670 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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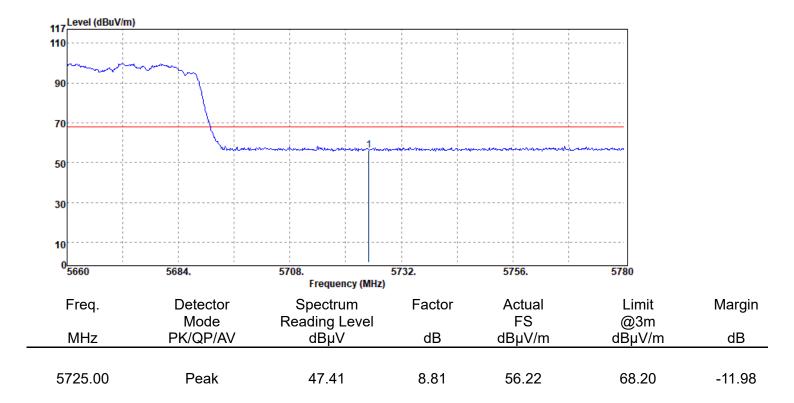
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2020-12-03

Test Frequency :5670 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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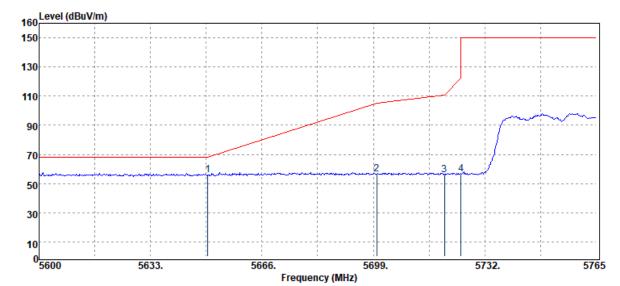
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-03 :802.11n40

Test Frequency :5755 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 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	47.70	8.32	56.02	68.20	-12.18
5700.00	Peak	47.81	8.69	56.50	105.20	-48.70
5720.00	Peak	47.25	8.78	56.03	110.80	-54.77
5725.00	Peak	47.65	8.81	56.46	122.20	-65.74

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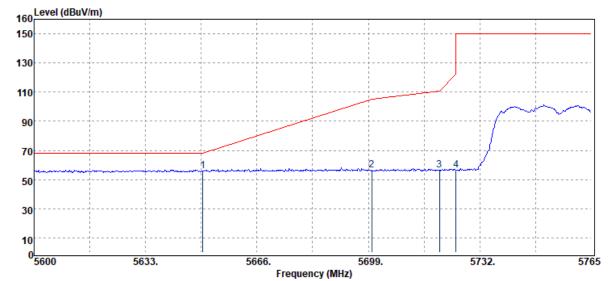
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-03 :802.11n40

Test Frequency :5755 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 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	47.44	8.32	55.76	68.20	-12.44
5700.00	Peak	47.54	8.69	56.23	105.20	-48.97
5720.00	Peak	47.60	8.78	56.38	110.80	-54.42
5725.00	Peak	47.91	8.81	56.72	122.20	-65.48

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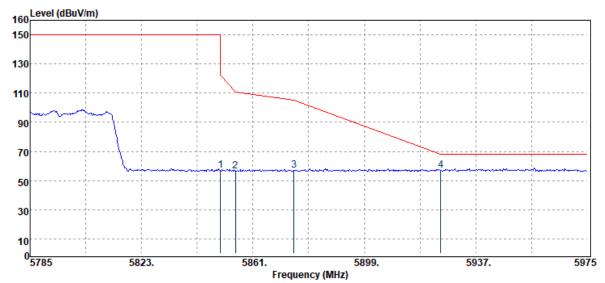
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11n40 Test Date :2020-12-03

Test Frequency :5795 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :E2 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	47.50	9.42	56.92	122.20	-65.28
5855.00	Peak	47.01	9.44	56.45	110.80	-54.35
5875.00	Peak	47.69	9.50	57.19	105.20	-48.01
5925.00	Peak	47.53	9.65	57.18	68.20	-11.02

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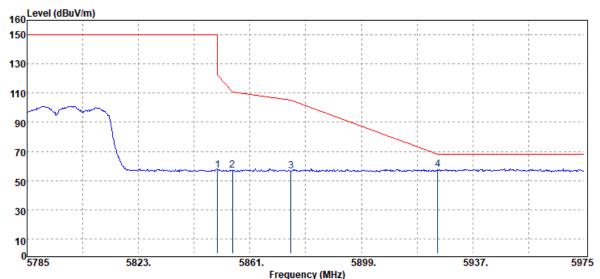
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-03 :802.11n40

Test Frequency :5795 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



		rrequency (milz)				
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBμV	dB	dBµV/m	dBµV/m	dB
						_
5850.00	Peak	47.79	9.42	57.21	122.20	-64.99
5855.00	Peak	47.70	9.44	57.14	110.80	-53.66
5875.00	Peak	46.87	9.50	56.37	105.20	-48.83
5925.00	Peak	47.87	9.65	57.52	68.20	-10.68

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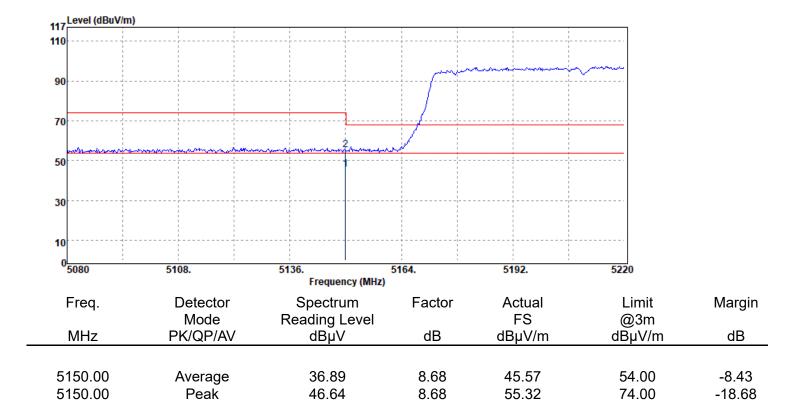
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2020-12-03

Test Frequency :5210 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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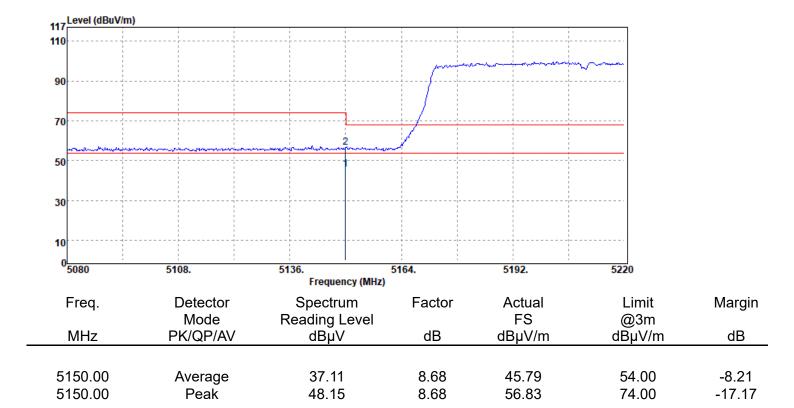
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-03 :802.11ac80

Test Frequency :5210 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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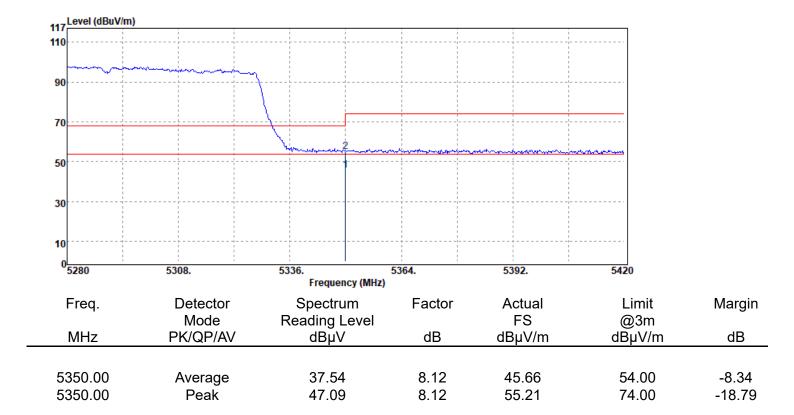
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2020-12-03

Test Frequency :5290 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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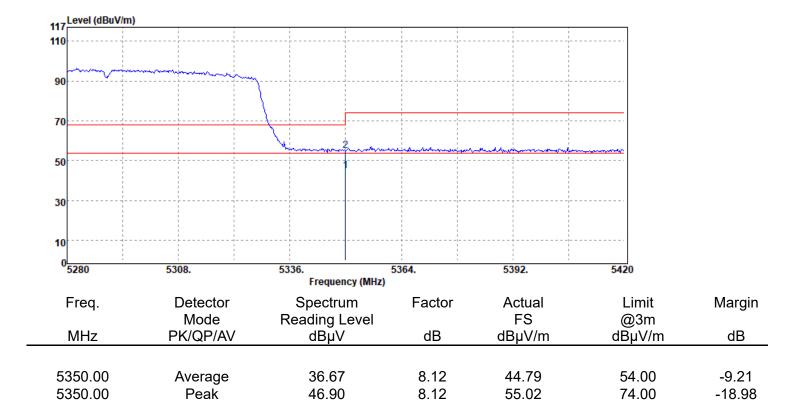
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-03 :802.11ac80

Test Frequency :5290 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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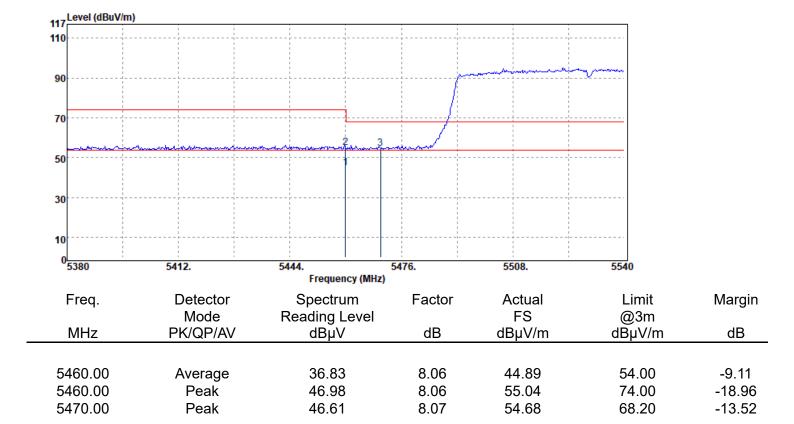
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-03 :802.11ac80

Test Frequency :5530 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



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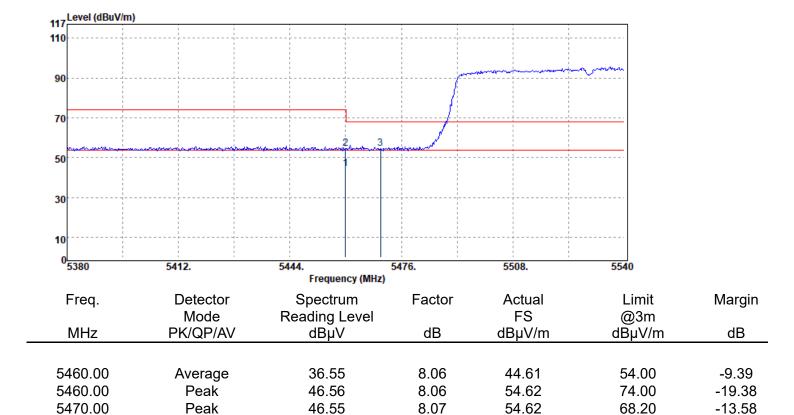
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2020-12-03

Test Frequency :5530 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Ricky



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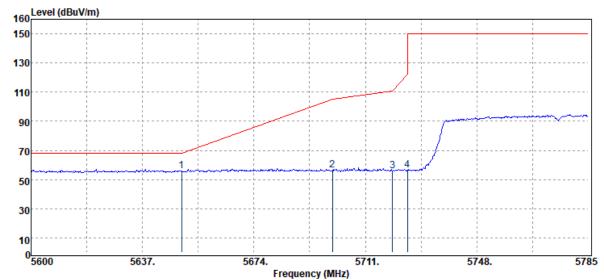
Report Number Test Site :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-03 :802.11ac80

Test Frequency :5775 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :VERTICAL

EUT Pol :E2 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	
5650.00	Peak	47.36	8.32	55.68	68.20	-12.52	
5700.00	Peak	47.81	8.69	56.50	105.20	-48.70	
5720.00	Peak	47.29	8.78	56.07	110.80	-54.73	
5725.00	Peak	47.83	8.81	56.64	122.20	-65.56	

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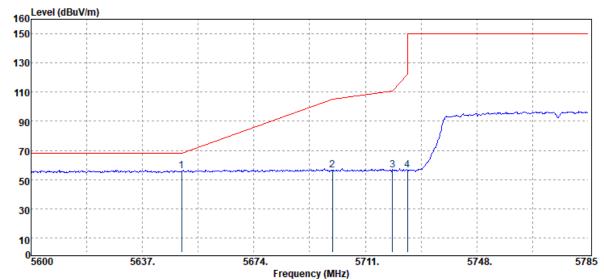
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2020-12-03

Test Frequency :5775 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH Low Antenna Pol. :HORIZONTAL

EUT Pol :E2 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
	5650.00	Peak	47.36	8.32	55.68	68.20	-12.52
	5700.00	Peak	47.64	8.69	56.33	105.20	-48.87
	5720.00	Peak	47.96	8.78	56.74	110.80	-54.06
	5725.00	Peak	47.81	8.81	56.62	122.20	-65.58

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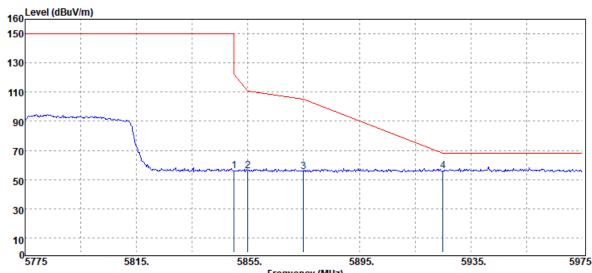
Report Number :ER-2020-B0047 Test Site :SAC III Chamber

Operation Mode :802.11ac80 Test Date :2020-12-03

Test Frequency :5775 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH High Antenna Pol. :VERTICAL

EUT Pol :E2 Plane Engineer :Ricky



		Frequency (MHz)				
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	46.58	9.42	56.00	122.20	-66.20
5855.00	Peak	46.28	9.44	55.72	110.80	-55.08
5875.00	Peak	46.07	9.50	55.57	105.20	-49.63
5925.00	Peak	46.43	9.65	56.08	68.20	-12.12

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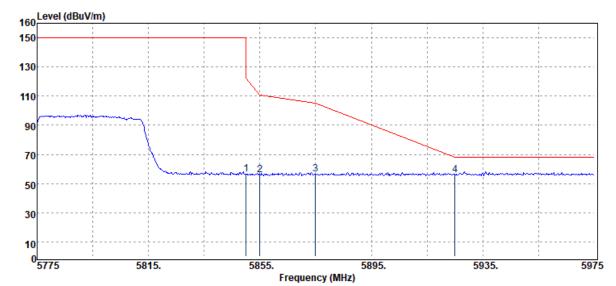
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode Test Date :2020-12-03 :802.11ac80

Test Frequency :5775 MHz Temp./Humi. :23/58

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 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	47.19	9.42	56.61	122.20	-65.59
5855.00	Peak	46.60	9.44	56.04	110.80	-54.76
5875.00	Peak	47.21	9.50	56.71	105.20	-48.49
5925.00	Peak	46.46	9.65	56.11	68.20	-12.09

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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU full

Test Frequency :5180 MHz

Test Mode :Bandedge CH Low

EUT Pol :E2 Plane

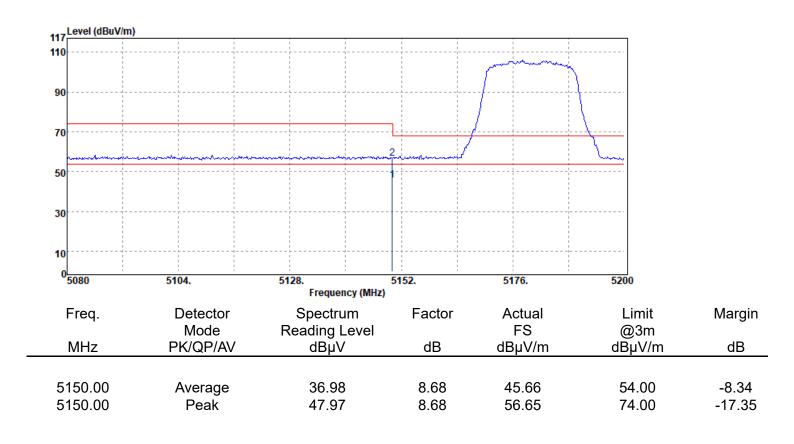
Test Site :SAC III Chamber

Test Date :2020-12-04

Temp./Humi. :22.5/60

Antenna Pol. :VERTICAL

Engineer :Nick



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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU full

Test Frequency :5180 MHz

Test Mode :Bandedge CH Low

EUT Pol :E2 Plane

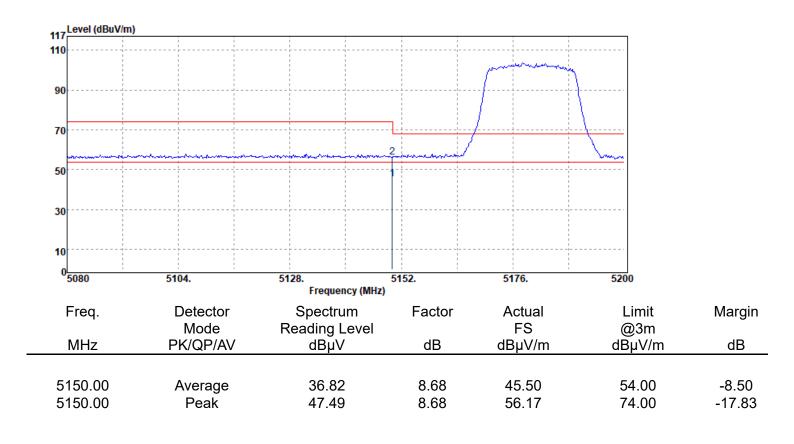
Test Site :SAC III Chamber

Test Date :2020-12-04

Temp./Humi. :22.5/60

Antenna Pol. :HORIZONTAL

Engineer :Nick



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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU 26/0

Test Frequency :5180 MHz

Test Mode :Bandedge CH Low

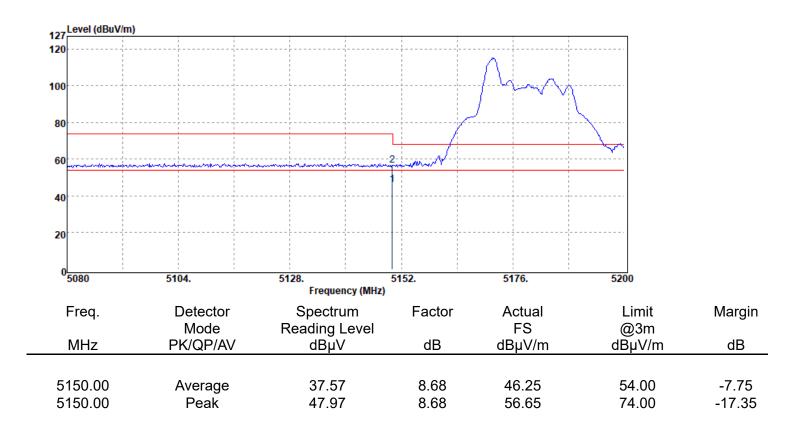
EUT Pol :E2 Plane Test Site :SAC III Chamber

Test Date :2021-01-05

Temp./Humi. :20.5/60

Antenna Pol. :VERTICAL

Engineer :Ricky



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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU 26/0

Test Frequency :5180 MHz

Test Mode :Bandedge CH Low

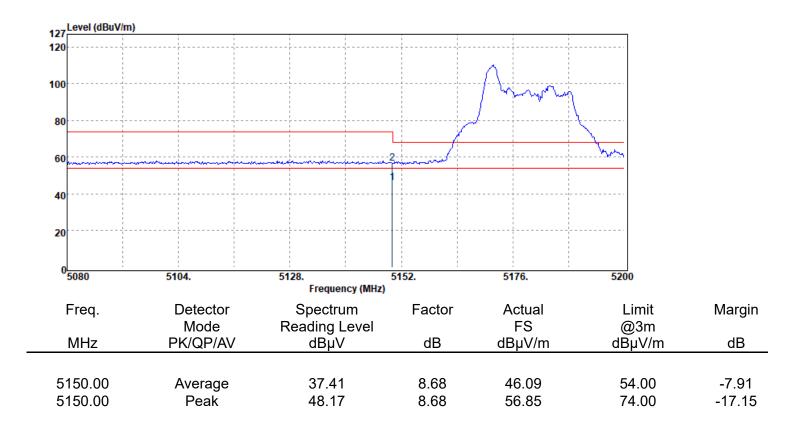
EUT Pol :E2 Plane **Test Site** :SAC III Chamber

Test Date :2021-01-05

Temp./Humi. :20.5/60

Antenna Pol. :HORIZONTAL

Engineer :Ricky



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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU 52/37

Test Frequency :5180 MHz

Test Mode :Bandedge CH Low

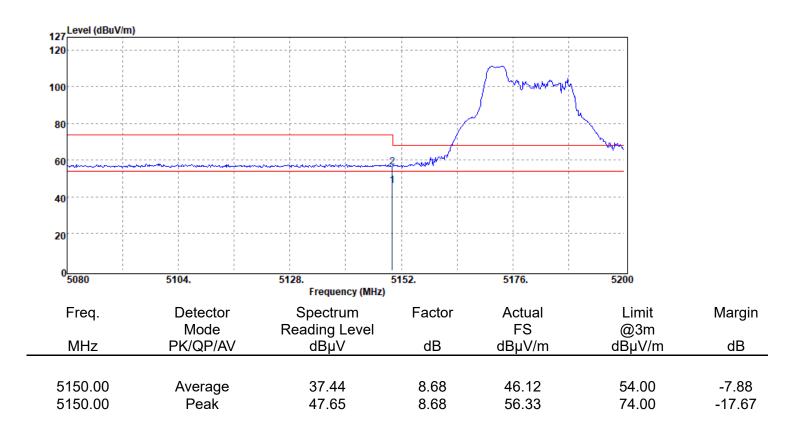
EUT Pol :E2 Plane Test Site :SAC III Chamber

Test Date :2021-01-05

Temp./Humi. :20.5/60

Antenna Pol. :VERTICAL

Engineer :Ricky



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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU 52/37

Test Frequency :5180 MHz

Test Mode :Bandedge CH Low

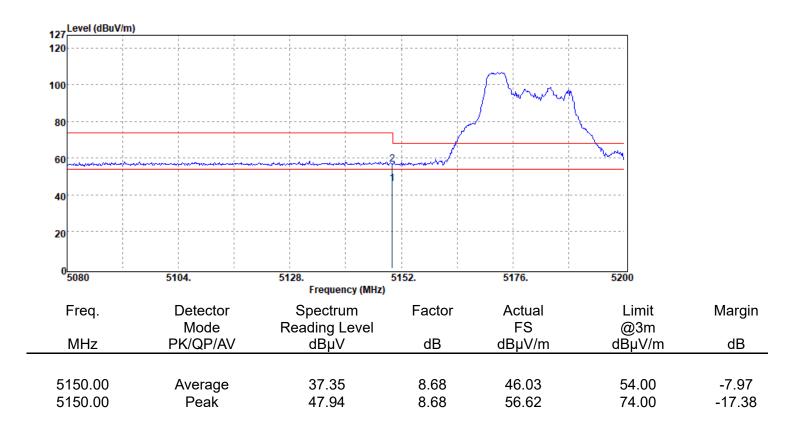
EUT Pol :E2 Plane **Test Site** :SAC III Chamber

Test Date :2021-01-05

Temp./Humi. :20.5/60

Antenna Pol. :HORIZONTAL

Engineer :Ricky



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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU 106/53

Test Frequency :5180 MHz

Test Mode :Bandedge CH Low

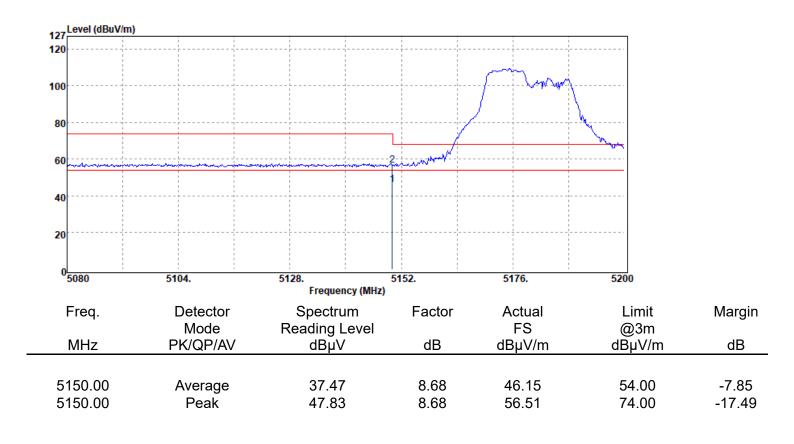
EUT Pol :E2 Plane Test Site :SAC III Chamber

Test Date :2021-01-05

Temp./Humi. :20.5/60

Antenna Pol. :VERTICAL

Engineer :Ricky



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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU 106/53

Test Frequency :5180 MHz

Test Mode :Bandedge CH Low

EUT Pol :E2 Plane

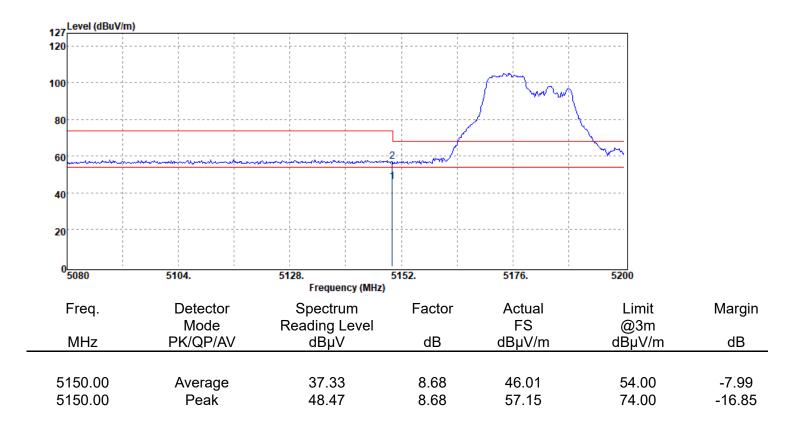
Test Site :SAC III Chamber

Test Date :2021-01-05

Temp./Humi. :20.5/60

Antenna Pol. :HORIZONTAL

Engineer :Ricky



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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU full

Test Frequency :5320 MHz

Test Mode :Bandedge CH High

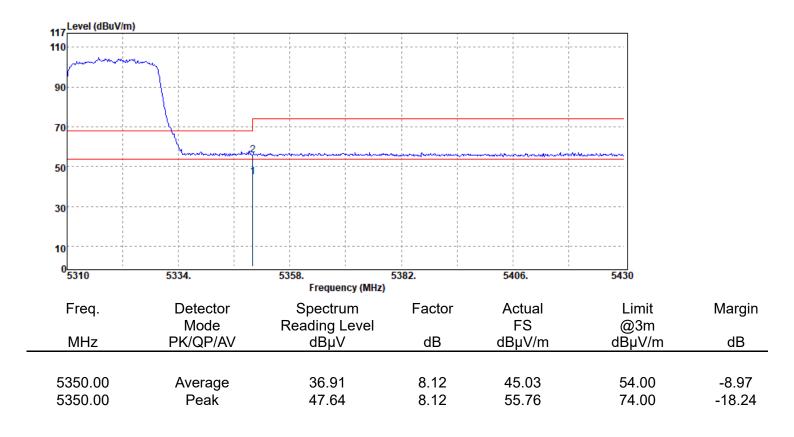
EUT Pol :E2 Plane Test Site :SAC III Chamber

Test Date :2020-12-04

Temp./Humi. :22.5/60

Antenna Pol. :VERTICAL

Engineer :Nick



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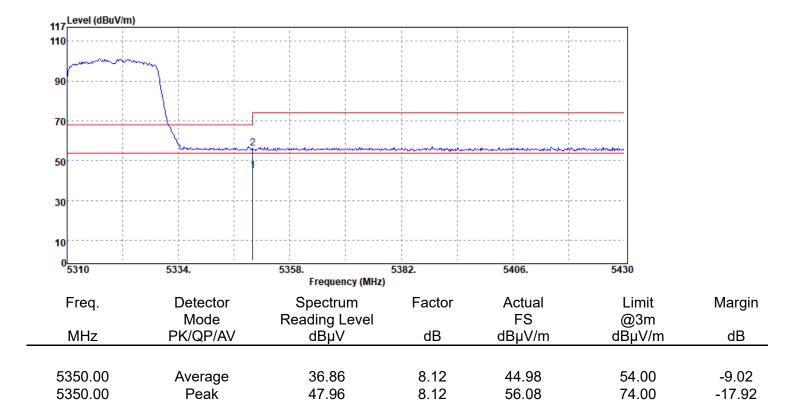
Report Number **Test Site** :SAC III Chamber :ER-2020-B0047

Operation Mode :802.11ax20 RU full **Test Date** :2020-12-04

Test Frequency :5320 MHz Temp./Humi. :22.5/60

Test Mode :Bandedge CH High Antenna Pol. :HORIZONTAL

EUT Pol :E2 Plane Engineer :Nick



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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU 26/8

Test Frequency :5320 MHz

Test Mode :Bandedge CH High

EUT Pol :E2 Plane

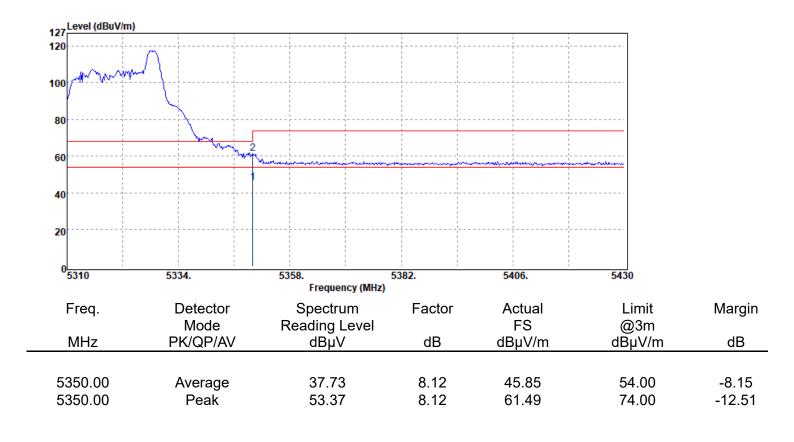
Test Site :SAC III Chamber

Test Date :2021-01-05

Temp./Humi. :20.5/60

Antenna Pol. :VERTICAL

Engineer :Ricky



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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU 26/8

Test Frequency :5320 MHz

Test Mode :Bandedge CH High

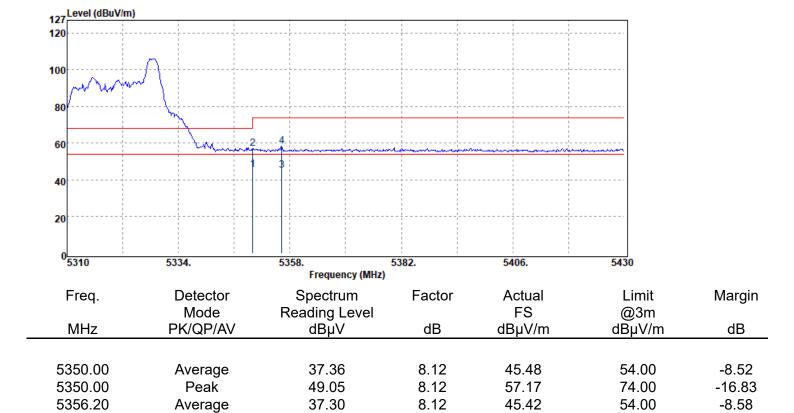
EUT Pol :E2 Plane **Test Site** :SAC III Chamber

Test Date :2021-01-05

Temp./Humi. :20.5/60

Antenna Pol. :HORIZONTAL

Engineer :Ricky



8.12

58.24

74.00

-15.76

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50.12

5356.20

Peak



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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU 52/40

Test Frequency :5320 MHz

Test Mode :Bandedge CH High

EUT Pol :E2 Plane

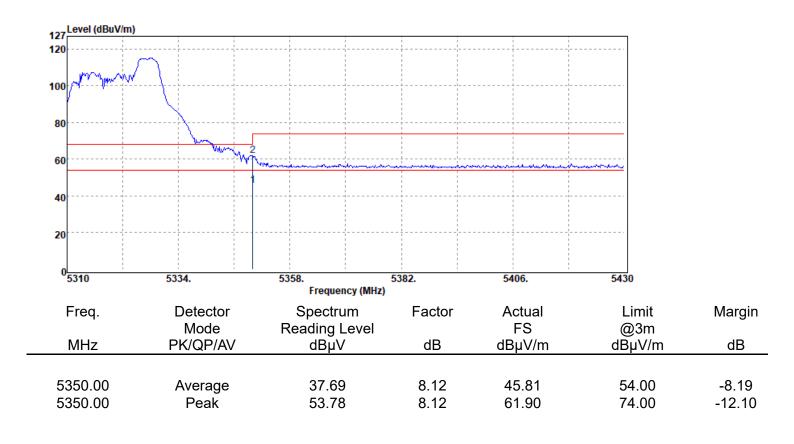
Test Site :SAC III Chamber

Test Date :2021-01-05

Temp./Humi. :20.5/60

Antenna Pol. :VERTICAL

Engineer :Ricky



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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU 52/40

Test Frequency :5320 MHz

Test Mode :Bandedge CH High

EUT Pol :E2 Plane

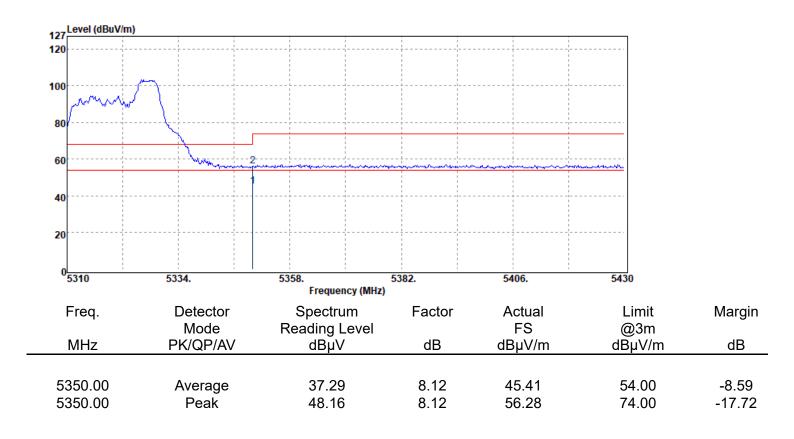
Test Site :SAC III Chamber

Test Date :2021-01-05

Temp./Humi. :20.5/60

Antenna Pol. :HORIZONTAL

Engineer :Ricky



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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU 106/54

Test Frequency :5320 MHz

Test Mode :Bandedge CH High

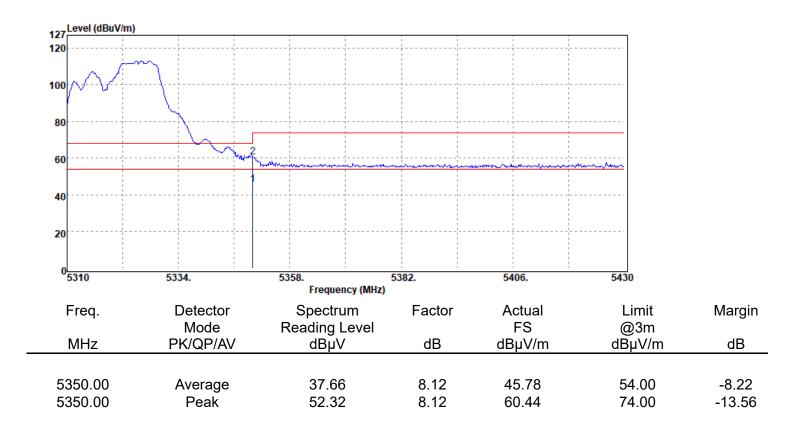
EUT Pol :E2 Plane Test Site :SAC III Chamber

Test Date :2021-01-05

Temp./Humi. :20.5/60

Antenna Pol. :VERTICAL

Engineer :Ricky



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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU 106/54

Test Frequency :5320 MHz

Test Mode :Bandedge CH High

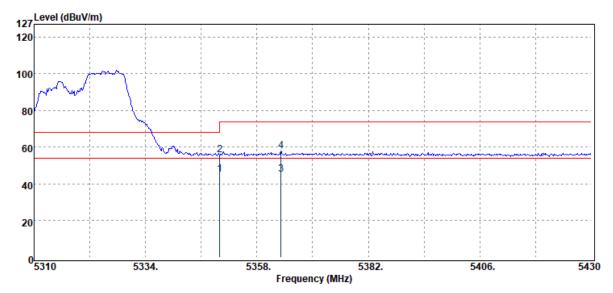
EUT Pol :E2 Plane **Test Site** :SAC III Chamber

Test Date :2021-01-05

Temp./Humi. :20.5/60

Antenna Pol. :HORIZONTAL

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
5350.00	Average	37.33	8.12	45.45	54.00	-8.55
5350.00	Peak	47.52	8.12	55.64	74.00	-18.36
5363.16	Average	37.24	8.12	45.36	54.00	-8.64
5363.16	Peak	49.95	8.12	58.07	74.00	-15.93

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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU full

Test Frequency :5500 MHz

Test Mode :Bandedge CH Low

EUT Pol :E2 Plane

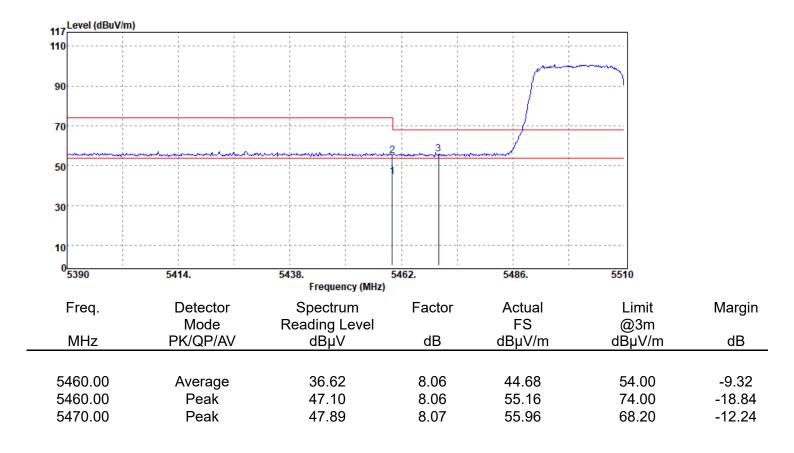
Test Site :SAC III Chamber

Test Date :2020-12-04

Temp./Humi. :22.5/60

Antenna Pol. :VERTICAL

Engineer :Nick



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Report Number :ER-2020-B0047

Operation Mode :802.11ax20 RU full

Test Frequency :5500 MHz

Test Mode :Bandedge CH Low

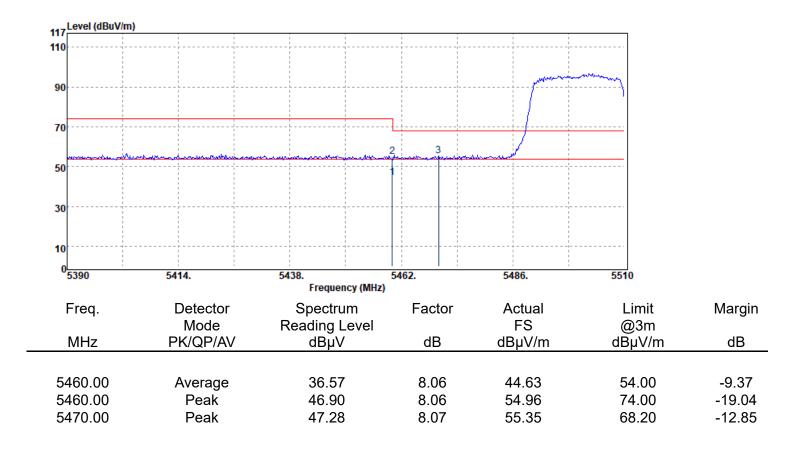
EUT Pol :E2 Plane **Test Site** :SAC III Chamber

Test Date :2020-12-04

Temp./Humi. :22.5/60

Antenna Pol. :HORIZONTAL

Engineer :Nick



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