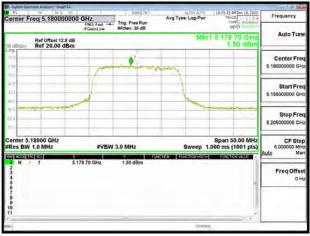
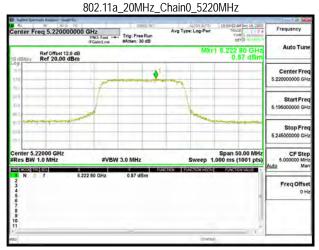
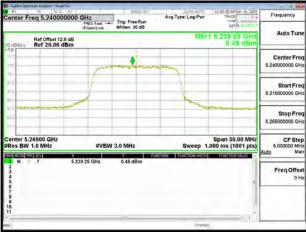


802.11a_20MHz_Chain0_5180MHz



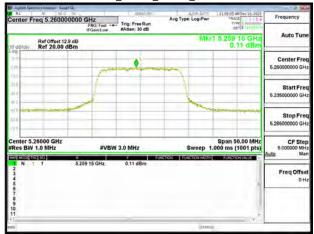


802.11a_20MHz_Chain0_5240MHz

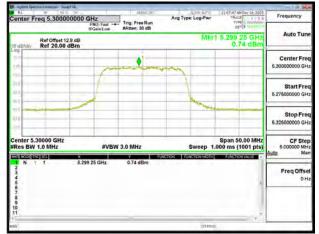


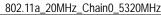
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802.11a_20MHz_Chain0_5260MHz



802.11a_20MHz_Chain0_5300MHz







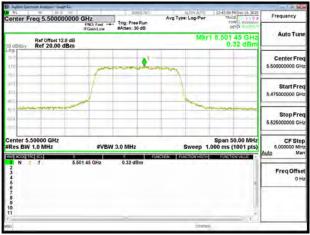
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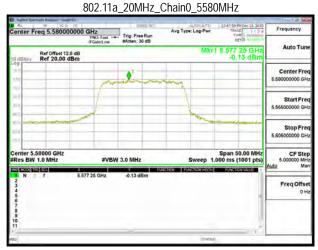
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802.11a_20MHz_Chain0_5500MHz



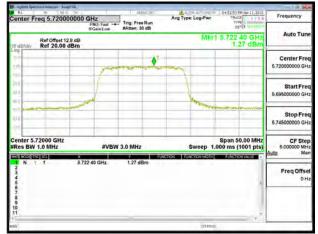


802.11a_20MHz_Chain0_5700MHz

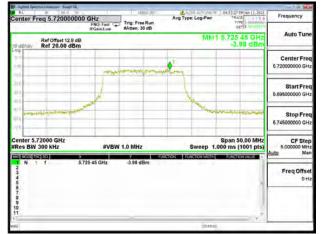


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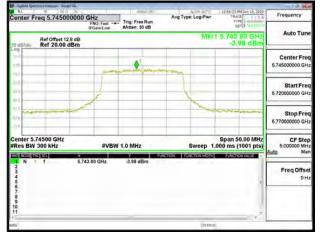
802.11a_20MHz_Chain0_5720MHz_UNII 2C



802.11a_20MHz_Chain0_5720MHz_UNII 3



802.11a_20MHz_Chain0_5745MHz



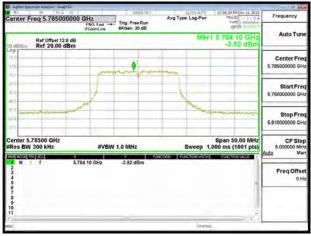
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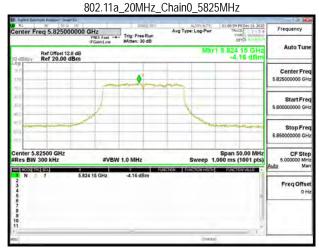
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802.11a_20MHz_Chain0_5785MHz



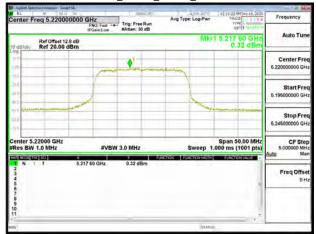


802.11n_20MHz_Chain0_5180MHz

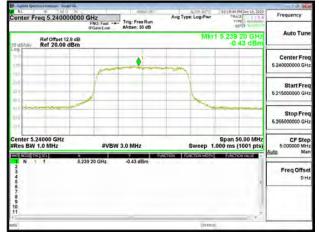


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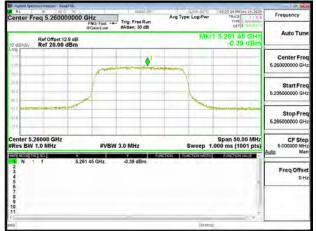
802.11n_20MHz_Chain0_5220MHz



802.11n_20MHz_Chain0_5240MHz



802.11n_20MHz_Chain0_5260MHz



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802.11n_20MHz_Chain0_5300MHz



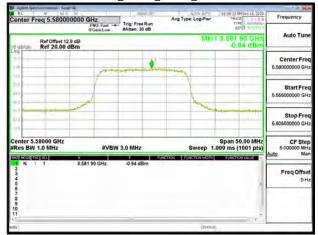
enter Freq 5.320000000 GHz Avg Type: Log-P Frequ Trig: Free Ru Auto Tu 5.318 35 GH Ref Offset 12.8 dB Ref 20.00 dBm Center Fr ٥ Start Fre 5.29 Stop Fr nter 5.32000 G es BW 1.0 MHz Span 50.00 MH 1.000 ms (1001 pts CF Ste #VBW 3.0 MH 5.00 Freq Offs 0

802.11n_20MHz_Chain0_5500MHz

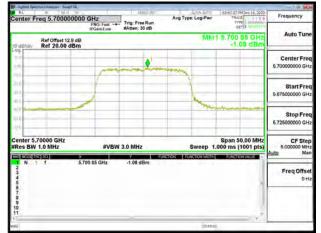


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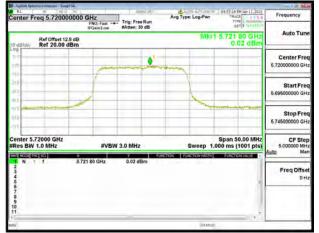
802.11n_20MHz_Chain0_5580MHz



802.11n_20MHz_Chain0_5700MHz



802.11n_20MHz_Chain0_5720MHz_UNII 2C



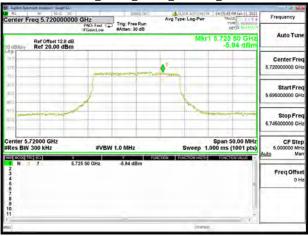
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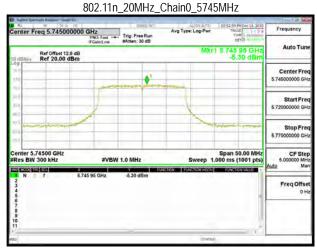
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802.11n_20MHz_Chain0_5720MHz_UNII 3



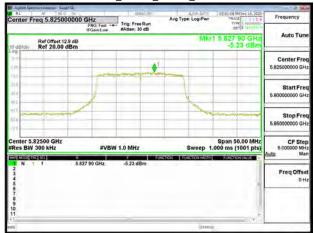


802.11n_20MHz_Chain0_5785MHz

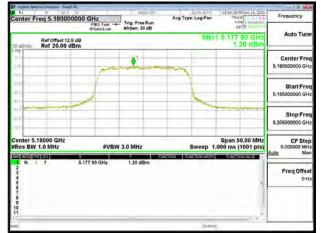


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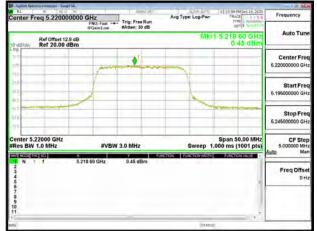
802.11n_20MHz_Chain0_5825MHz



802.11n_20MHz_Chain1_5180MHz



802.11n_20MHz_Chain1_5220MHz



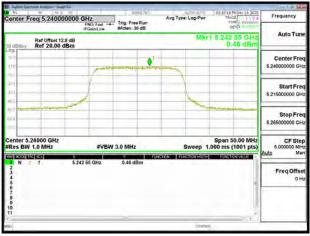
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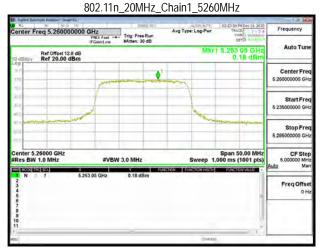
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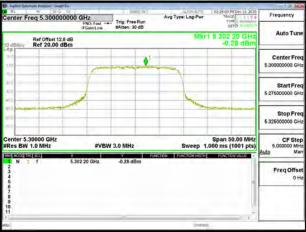


802.11n_20MHz_Chain1_5240MHz



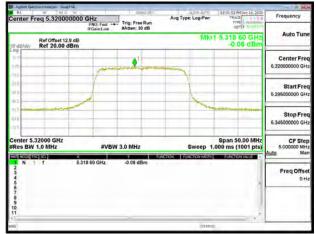


802.11n_20MHz_Chain1_5300MHz

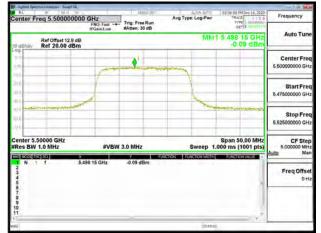


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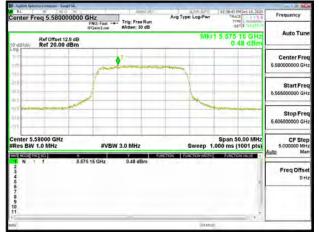
802.11n_20MHz_Chain1_5320MHz



802.11n_20MHz_Chain1_5500MHz



802.11n_20MHz_Chain1_5580MHz



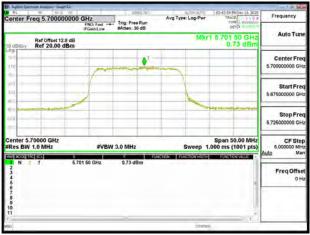
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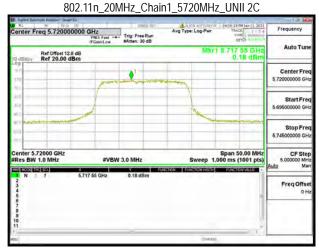
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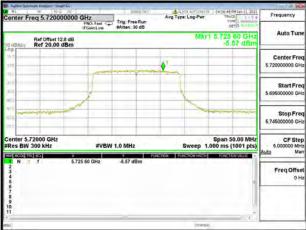


802.11n_20MHz_Chain1_5700MHz



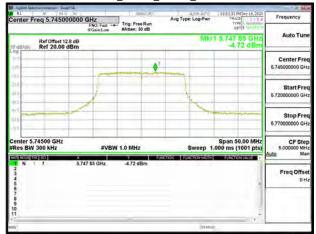


802.11n_20MHz_Chain1_5720MHz_UNII 3

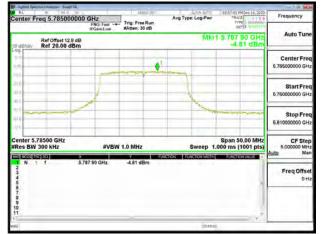


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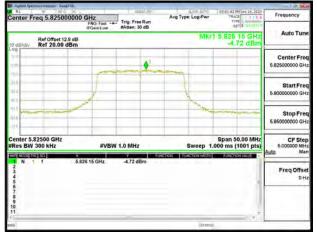
802.11n_20MHz_Chain1_5745MHz



802.11n_20MHz_Chain1_5785MHz



802.11n_20MHz_Chain1_5825MHz



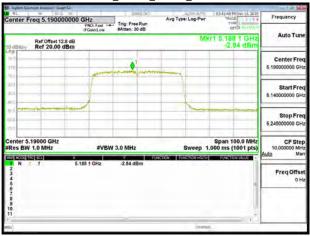
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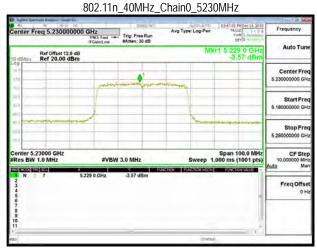
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802.11n_40MHz_Chain0_5190MHz





802.11n_40MHz_Chain0_5270MHz

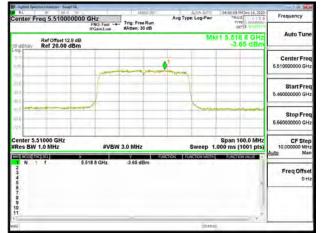


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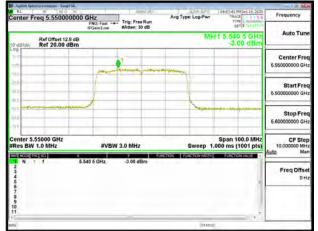
802.11n_40MHz_Chain0_5310MHz



802.11n_40MHz_Chain0_5510MHz



802.11n_40MHz_Chain0_5550MHz



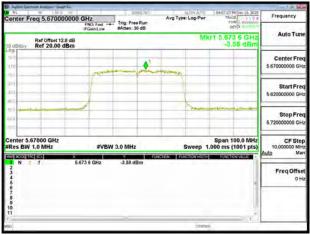
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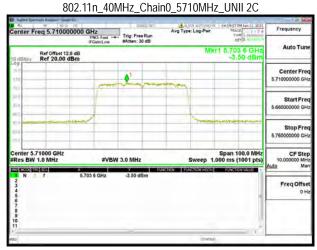
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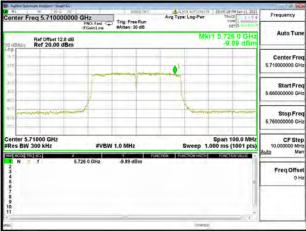


802.11n_40MHz_Chain0_5670MHz



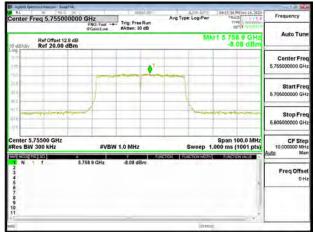


802.11n_40MHz_Chain0_5710MHz_UNII 3



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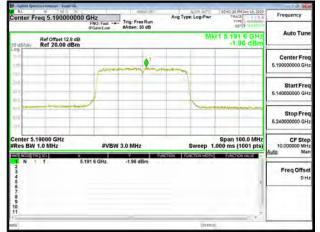
802.11n_40MHz_Chain0_5755MHz



802.11n_40MHz_Chain0_5795MHz



802.11n_40MHz_Chain1_5190MHz



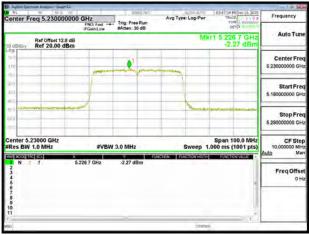
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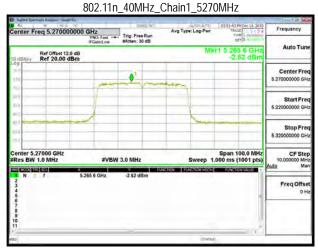
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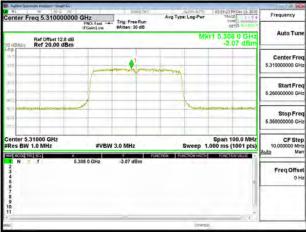


802.11n_40MHz_Chain1_5230MHz



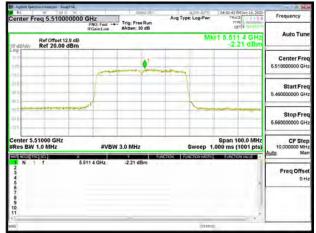


802.11n_40MHz_Chain1_5310MHz

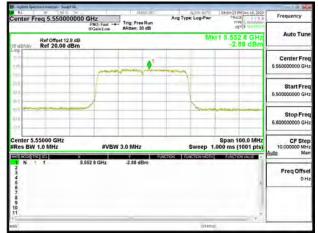


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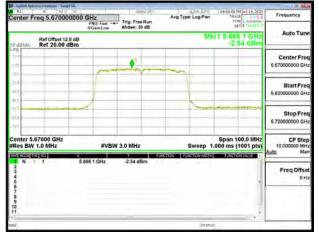
802.11n_40MHz_Chain1_5510MHz



802.11n_40MHz_Chain1_5550MHz



802.11n_40MHz_Chain1_5670MHz



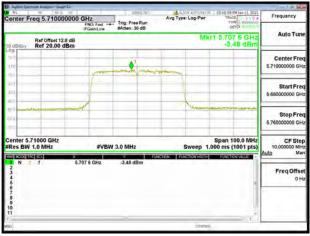
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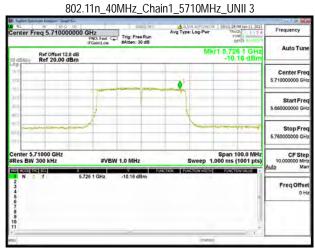
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802.11n_40MHz_Chain1_5710MHz_UNII 2C



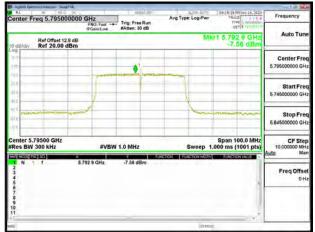


802.11n_40MHz_Chain1_5755MHz

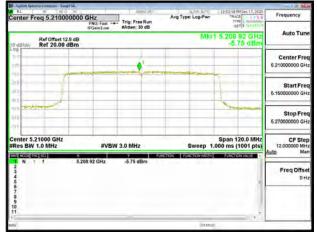


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802.11n_40MHz_Chain1_5795MHz



802.11ac_80MHz_Chain0_5210MHz



802.11ac_80MHz_Chain0_5290MHz



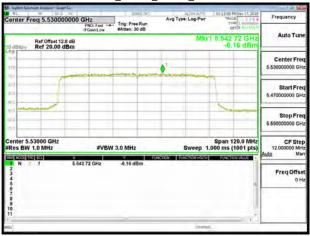
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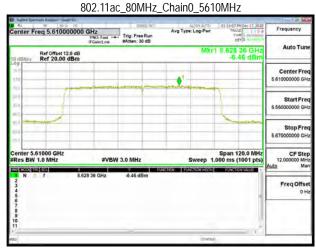
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802.11ac_80MHz_Chain0_5530MHz





802.11ac_80MHz_Chain0_5690MHz_UNII 2C

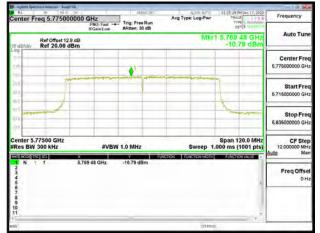


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802.11ac_80MHz_Chain0_5690MHz_UNII 3



802.11ac_80MHz_Chain0_5775MHz



802.11ac_80MHz_Chain1_5210MHz



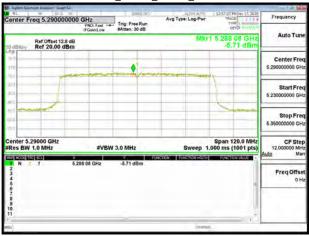
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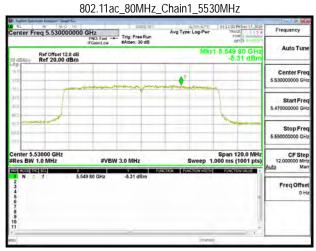
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802.11ac_80MHz_Chain1_5290MHz





802.11ac_80MHz_Chain1_5610MHz

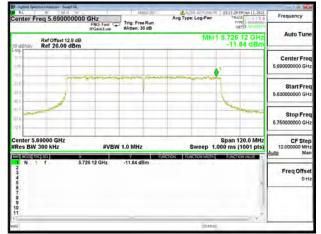


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802.11ac_80MHz_Chain1_5690MHz_UNII 2C



802.11ac_80MHz_Chain1_5690MHz_UNII 3



802.11ac_80MHz_Chain1_5775MHz



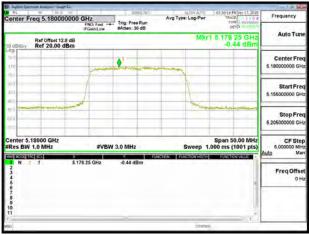
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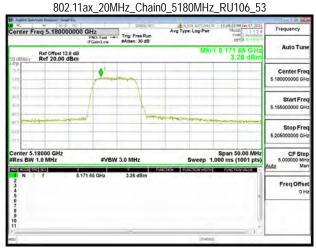
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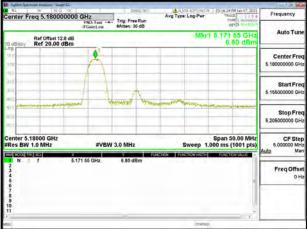


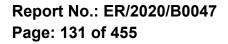
802.11ax_20MHz_Chain0_5180MHz



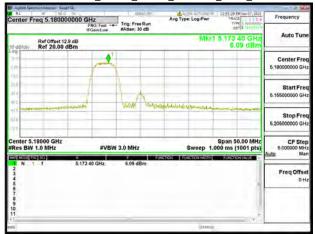


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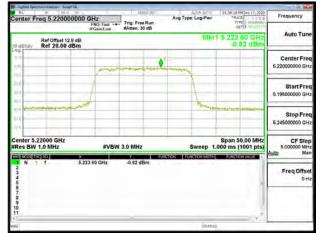


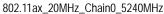


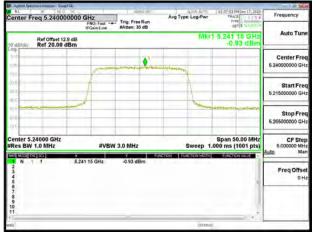




802.11ax_20MHz_Chain0_5220MHz







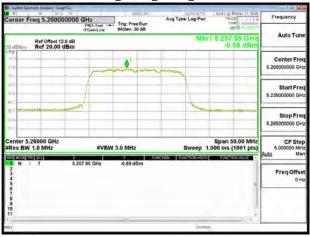
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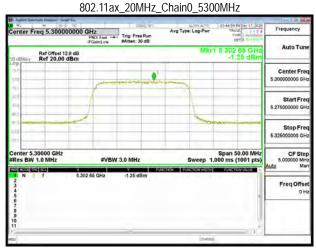
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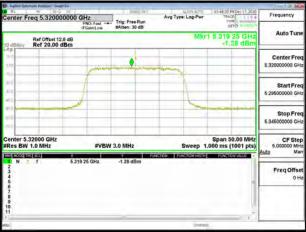


802.11ax_20MHz_Chain0_5260MHz



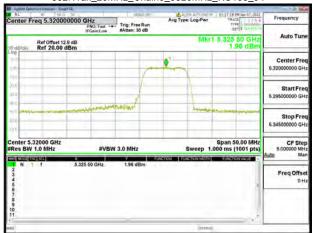


802.11ax_20MHz_Chain0_5320MHz



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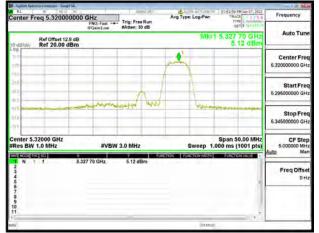
802.11ax_20MHz_Chain0_5320MHz_RU106_54



802.11ax_20MHz_Chain0_5320MHz_RU26_8



802.11ax_20MHz_Chain0_5320MHz_RU52_40



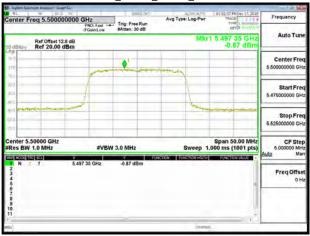
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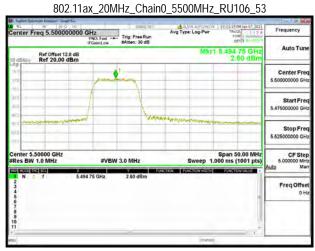
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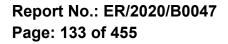
802.11ax_20MHz_Chain0_5500MHz



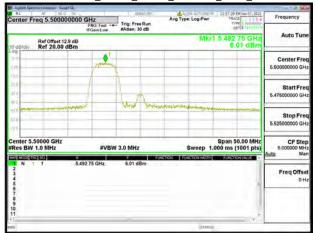


802.11ax_20MHz_Chain0_5500MHz_RU26_0

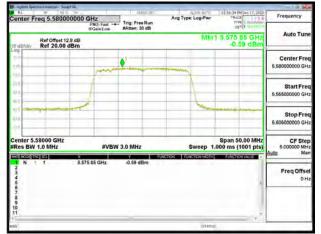


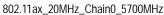


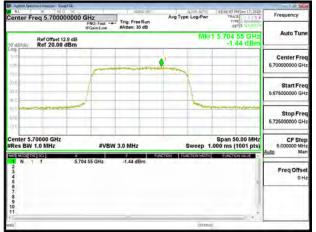
802.11ax_20MHz_Chain0_5500MHz_RU52_37



802.11ax_20MHz_Chain0_5580MHz







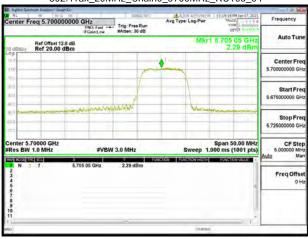
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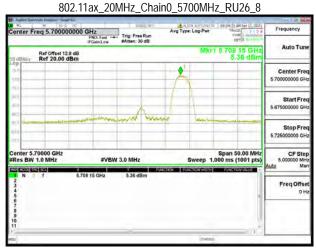
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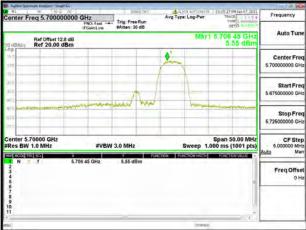


802.11ax_20MHz_Chain0_5700MHz_RU106_54



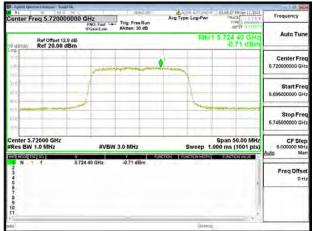


802.11ax_20MHz_Chain0_5700MHz_RU52_40

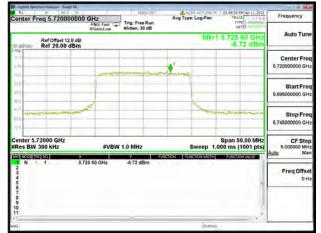


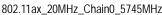
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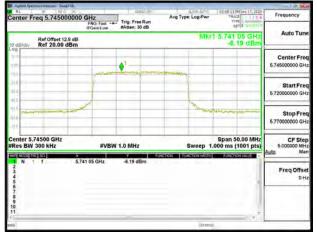
802.11ax_20MHz_Chain0_5720MHz_UNII 2C



802.11ax_20MHz_Chain0_5720MHz_UNII 3







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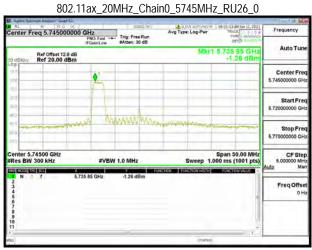
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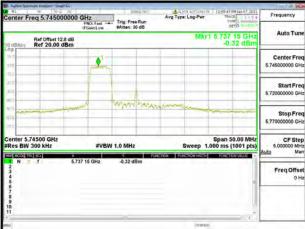


802.11ax_20MHz_Chain0_5745MHz_RU106_53

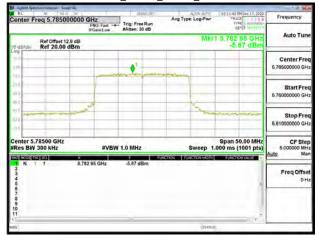




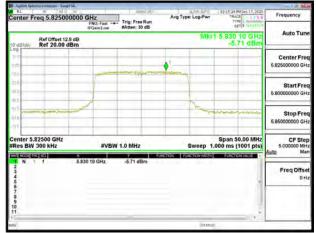
802.11ax_20MHz_Chain0_5745MHz_RU52_37



802.11ax_20MHz_Chain0_5785MHz



802.11ax_20MHz_Chain0_5825MHz



802.11ax_20MHz_Chain0_5825MHz_RU106_54



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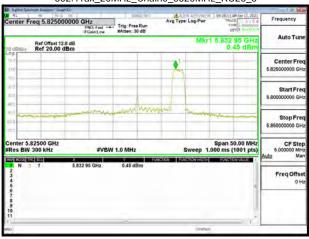
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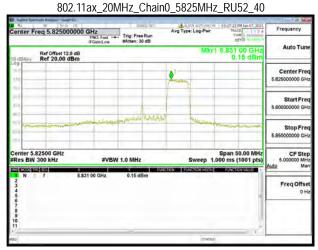
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802.11ax_20MHz_Chain0_5825MHz_RU26_8



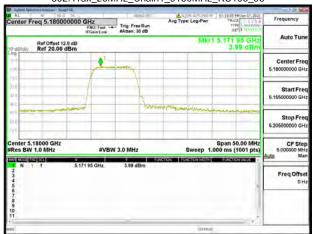


802.11ax_20MHz_Chain1_5180MHz

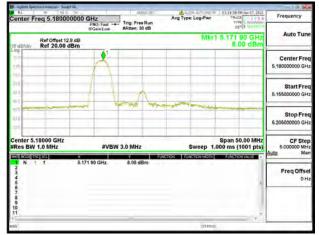


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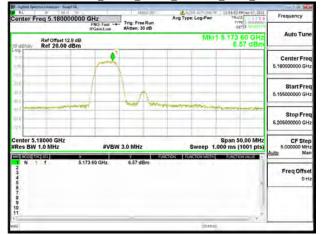
802.11ax_20MHz_Chain1_5180MHz_RU106_53



802.11ax_20MHz_Chain1_5180MHz_RU26_0



802.11ax_20MHz_Chain1_5180MHz_RU52_37



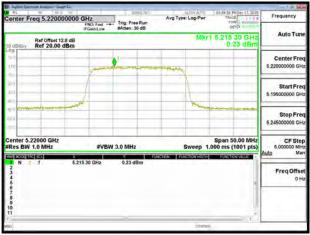
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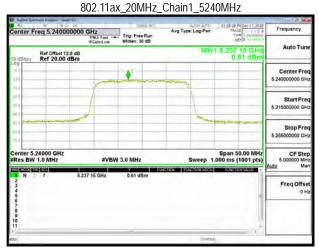
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802.11ax_20MHz_Chain1_5220MHz



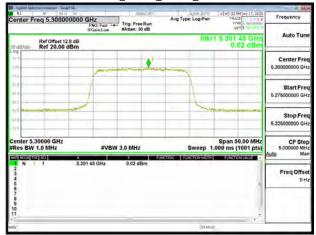


802.11ax_20MHz_Chain1_5260MHz

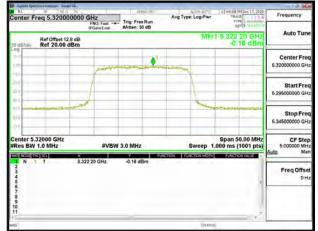


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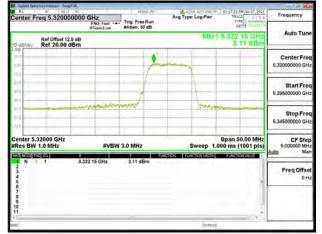
802.11ax_20MHz_Chain1_5300MHz



802.11ax_20MHz_Chain1_5320MHz



802.11ax_20MHz_Chain1_5320MHz_RU106_54



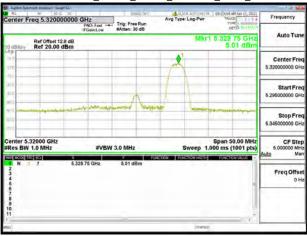
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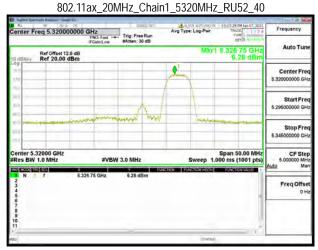
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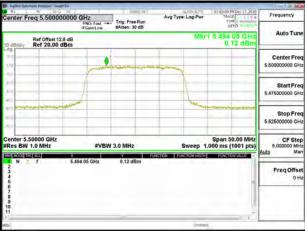


802.11ax_20MHz_Chain1_5320MHz_RU26_8



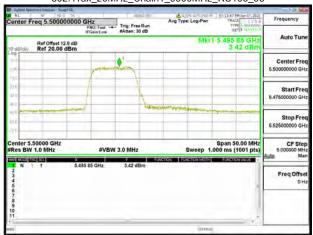


802.11ax_20MHz_Chain1_5500MHz

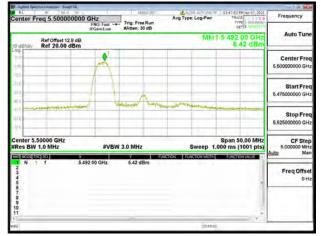


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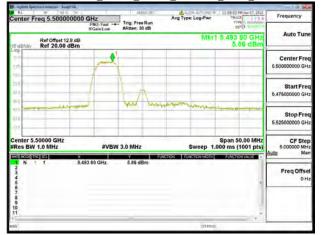
802.11ax_20MHz_Chain1_5500MHz_RU106_53



802.11ax_20MHz_Chain1_5500MHz_RU26_0



802.11ax_20MHz_Chain1_5500MHz_RU52_37



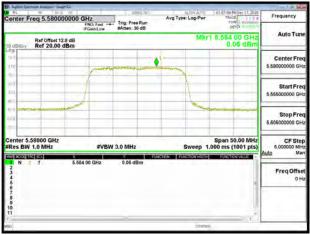
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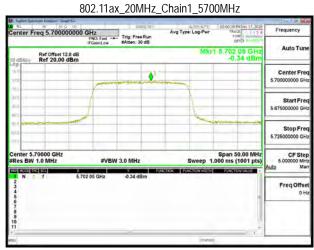
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802.11ax_20MHz_Chain1_5580MHz





802.11ax_20MHz_Chain1_5700MHz_RU106_54

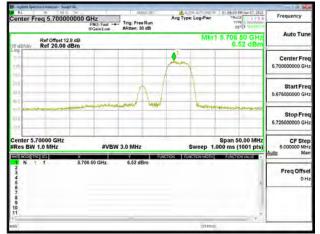


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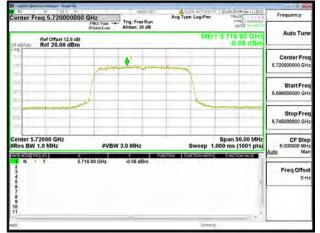
802.11ax_20MHz_Chain1_5700MHz_RU26_8



802.11ax_20MHz_Chain1_5700MHz_RU52_40



802.11ax_20MHz_Chain1_5720MHz_UNII 2C



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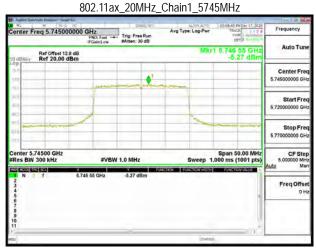
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802.11ax_20MHz_Chain1_5720MHz_UNII 3





802.11ax_20MHz_Chain1_5745MHz_RU106_53

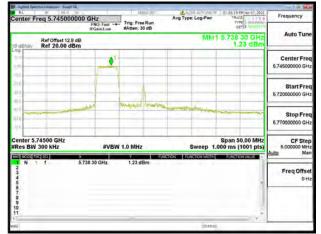


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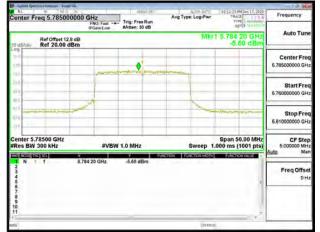
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802.11ax_20MHz_Chain1_5745MHz_RU52_37



802.11ax_20MHz_Chain1_5785MHz



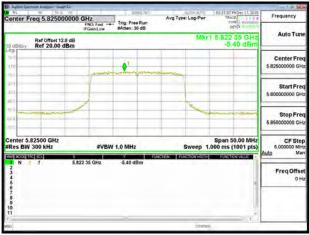
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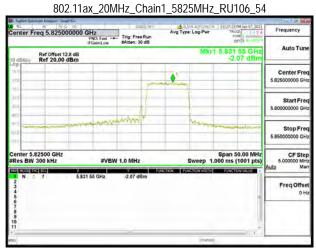
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802.11ax_20MHz_Chain1_5825MHz



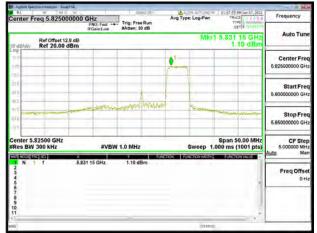


802.11ax_20MHz_Chain1_5825MHz_RU26_8

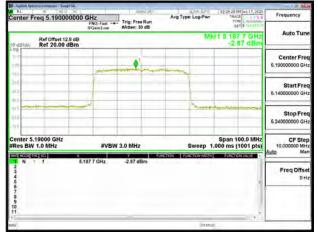


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802.11ax_20MHz_Chain1_5825MHz_RU52_40



802.11ax_40MHz_Chain0_5190MHz



802.11ax_40MHz_Chain0_5190MHz_RU242_61



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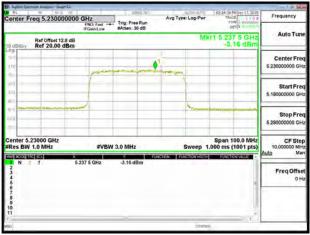
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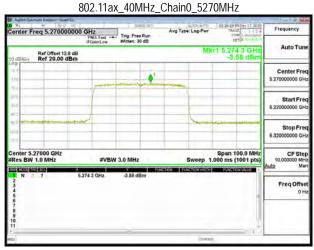
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802.11ax_40MHz_Chain0_5230MHz



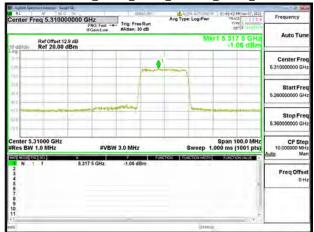


802.11ax_40MHz_Chain0_5310MHz

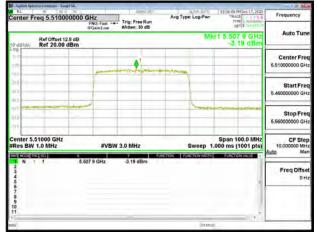


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802.11ax_40MHz_Chain0_5310MHz_RU242_62



802.11ax_40MHz_Chain0_5510MHz



802.11ax_40MHz_Chain0_5510MHz_RU242_61



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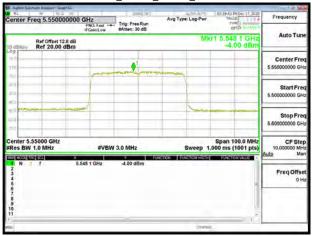
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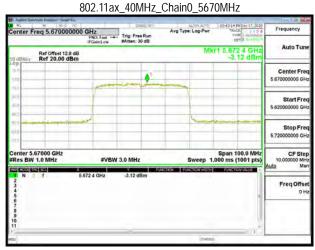
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802.11ax_40MHz_Chain0_5550MHz



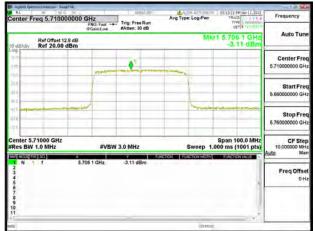


802.11ax_40MHz_Chain0_5670MHz_RU242_62



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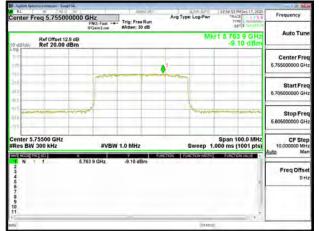
802.11ax_40MHz_Chain0_5710MHz_UNII 2C



802.11ax_40MHz_Chain0_5710MHz_UNII 3



802.11ax_40MHz_Chain0_5755MHz



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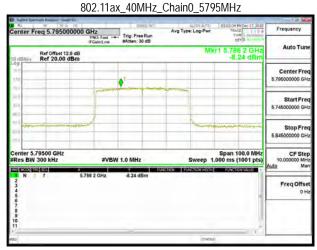
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802.11ax_40MHz_Chain0_5755MHz_RU242_61



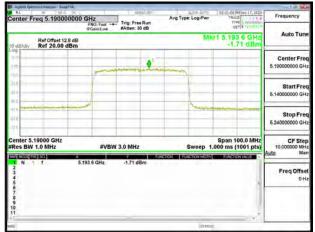


802.11ax_40MHz_Chain0_5795MHz_RU242_62

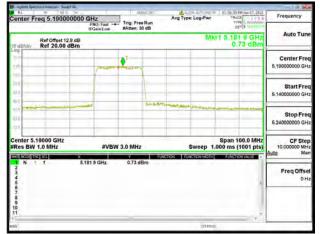


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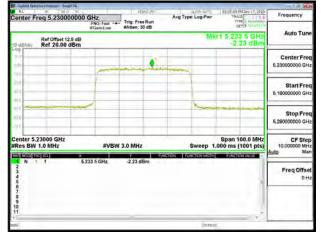
802.11ax_40MHz_Chain1_5190MHz



802.11ax_40MHz_Chain1_5190MHz_RU242_61



802.11ax_40MHz_Chain1_5230MHz



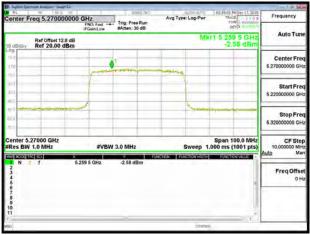
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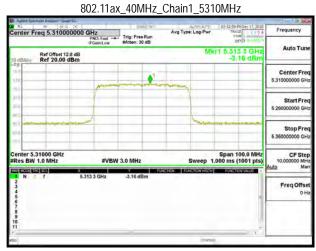
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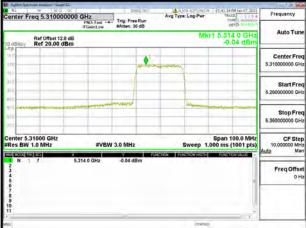


802.11ax_40MHz_Chain1_5270MHz



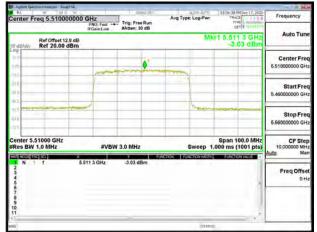


802.11ax_40MHz_Chain1_5310MHz_RU242_62

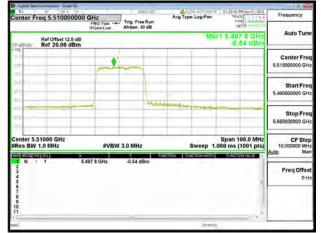


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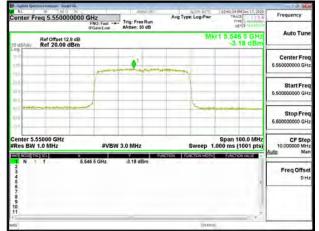
802.11ax_40MHz_Chain1_5510MHz



802.11ax_40MHz_Chain1_5510MHz_RU242_61



802.11ax_40MHz_Chain1_5550MHz



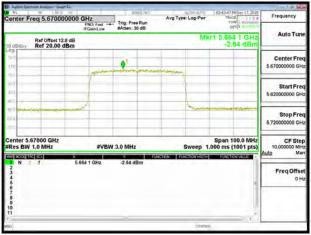
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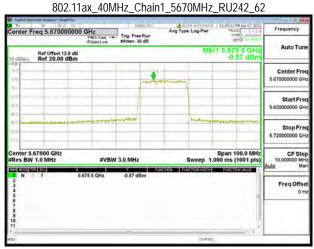
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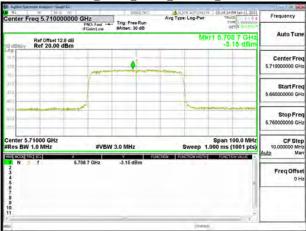


802.11ax_40MHz_Chain1_5670MHz



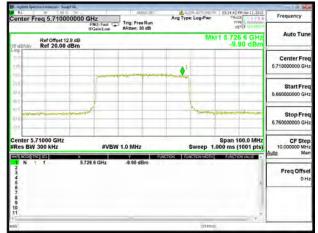


802.11ax_40MHz_Chain1_5710MHz_UNII 2C

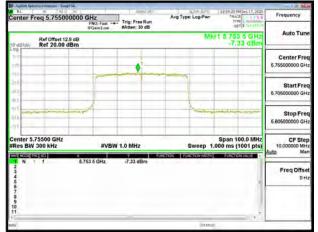


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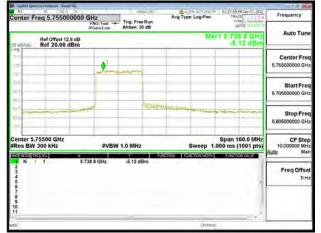
802.11ax_40MHz_Chain1_5710MHz_UNII 3



802.11ax_40MHz_Chain1_5755MHz



802.11ax_40MHz_Chain1_5755MHz_RU242_61



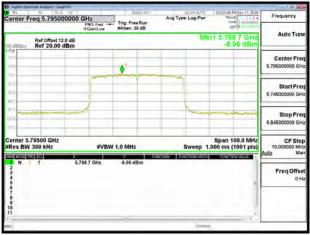
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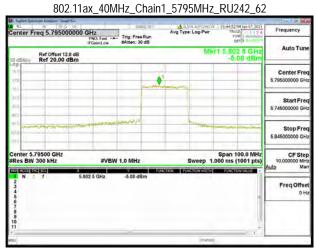
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802.11ax_40MHz_Chain1_5795MHz





802.11ax_80MHz_Chain0_5210MHz

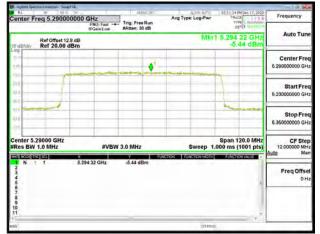


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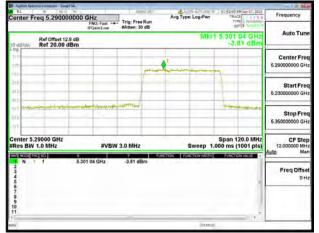
802.11ax_80MHz_Chain0_5210MHz_RU484_65



802.11ax_80MHz_Chain0_5290MHz



802.11ax_80MHz_Chain0_5290MHz_RU484_66



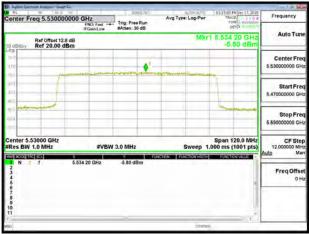
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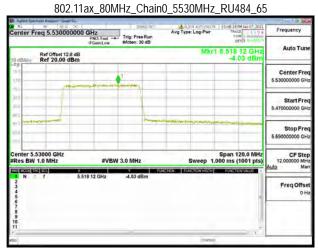
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802.11ax_80MHz_Chain0_5530MHz



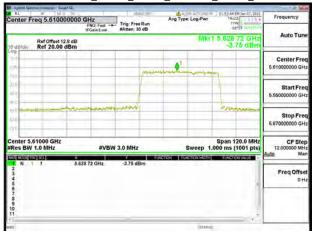


802.11ax_80MHz_Chain0_5610MHz

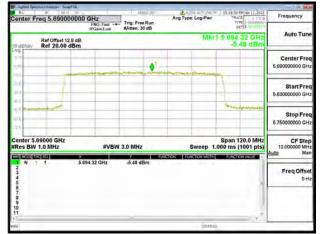
AL 100 000000 GHz Phot Freq 5.610000000 GHz Phot Fast IFGentLow Ref Offset 12.8 dB Ref 20,00 dBm	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr	15,605 44 GHz	Frequency
Ref Offset 12.8 dB B/D/y Ref 20,00 dBm		Mkr	1 5.605 44 GHz	1.00.64
dB/day Ref 20,00 dBm		Mkr		Auto Tur
			-6.02 dBm	Auto Tu
ng)	-		_	Center Fr 5.61000000 G
10	- transfertig to the	- Autoritan Super		Start Fr 5.550000000 G
10 10 marshared				Stop Fr 5.670000000 G
enter 5.61000 GHz	BW 3.0 MHz	Sweep 1	Span 120.0 MHz 000 ms (1001 pts)	CF St 12,000000 M
N 1 f 5,605 44 GHz	-6.02 dBm	ACTICIA FUNCTION WIGTH	PANATION CALLS	Auto N
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1		CTATES		

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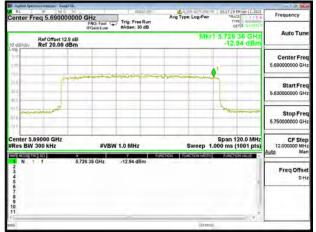
802.11ax_80MHz_Chain0_5610MHz_RU484_66



802.11ax_80MHz_Chain0_5690MHz_UNII 2C



802.11ax_80MHz_Chain0_5690MHz_UNII 3



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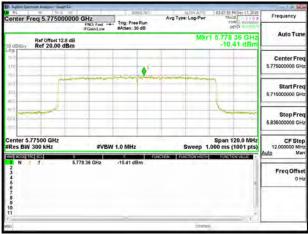
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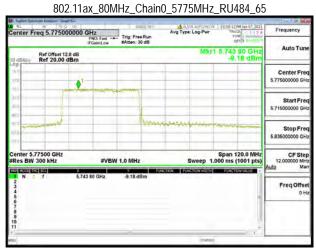
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802.11ax_80MHz_Chain0_5775MHz



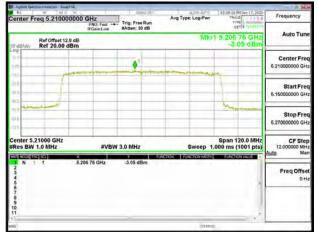


802.11ax_80MHz_Chain0_5775MHz_RU484_66

Trig: Free Run	Avg Type: Log-f		
Trig: Free Run			Frequency
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	,	1kr1 5.791 92 GHz -8.97 dBm	Auto Tur
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			Start Fr 5,715000000 Gi
		Athennes	Stop Fri 5.835000000 G
1.0 MHz	Swee	Span 120.0 MHz 1.000 ms (1001 pts)	12,000000 M
	NCTION FUNCTION W	EITH FUNCTION VALUE	Auto M
-8.97 dBm			Freq Offs 01
	(1.0 MHz	(1.0 MHz Sweet 4.97 dBm	Search (100 MHz Sweep 1.000 ms (100 Hz)

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802.11ax_80MHz_Chain1_5210MHz



802.11ax_80MHz_Chain1_5210MHz_RU484_65



802.11ax_80MHz_Chain1_5290MHz



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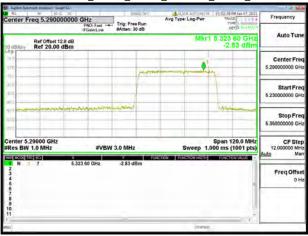
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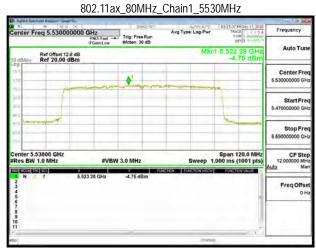
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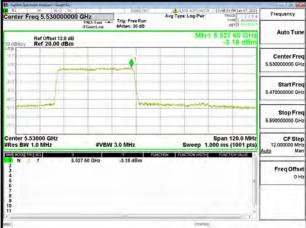


802.11ax_80MHz_Chain1_5290MHz_RU484_66



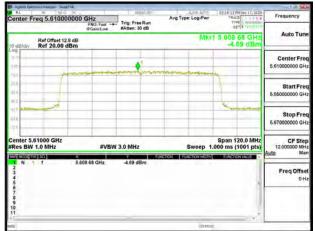


802.11ax_80MHz_Chain1_5530MHz_RU484_65

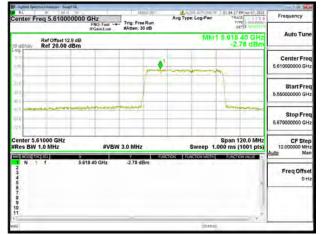


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802.11ax_80MHz_Chain1_5610MHz



802.11ax_80MHz_Chain1_5610MHz_RU484_66



802.11ax_80MHz_Chain1_5690MHz_UNII 2C



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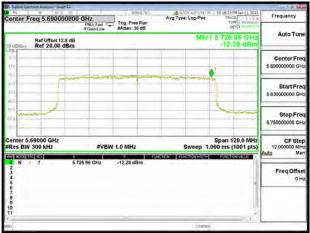
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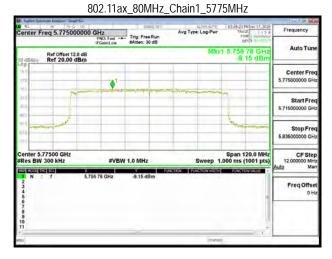
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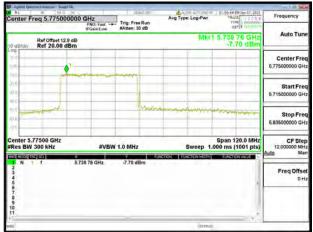
Report No.: ER/2020/B0047 Page: 151 of 455

802.11ax_80MHz_Chain1_5690MHz_UNII 3

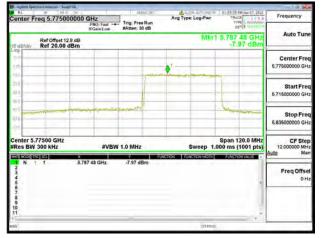




802.11ax_80MHz_Chain1_5775MHz_RU484_65



802.11ax_80MHz_Chain1_5775MHz_RU484_66



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11 UNDESIRABLE RADIATED EMISSION MEASUREMENT

11.1 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 5 MHz above or below the band edge.

APPLICABLE TO	EIRP LIMIT	FIELD STRENGTH AT 3m
15.407(b)(1) RSS-247 §6.2.1.2		PK: 68.3 (dBµV/m)
15.407(b)(2) RSS-247 §6.2.2.2	PK: -27 (dBm/MHz)	
15.407(b)(3) RSS-247 §6.2.3.2		
15.407(b)(4)(i) RSS-247 §6.2.4.2	PK:-27 (dBm/MHz) *1 PK:10 (dBm/MHz) *2 PK:15.6 (dBm/MHz) *3 PK:27 (dBm/MHz) *4	PK: 68.2(dBµV/m) *1 PK:105.2 (dBµV/m) *2 PK: 110.8(dBµV/m) *3 PK:122.2 (dBµV/m) *4

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

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

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

*4 from 5 MHz above or below the band edge increasing linearly to a level of 27

dBm/MHz at the band edge.

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

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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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11.2 **Measurement Equipment Used**

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	

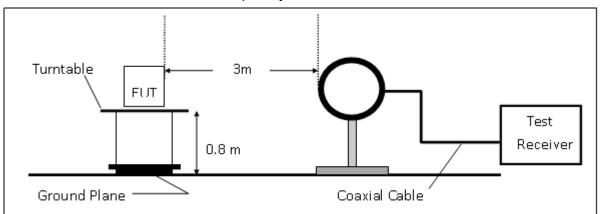
NOTE: N.C.R refers to Not Calibrated Required.

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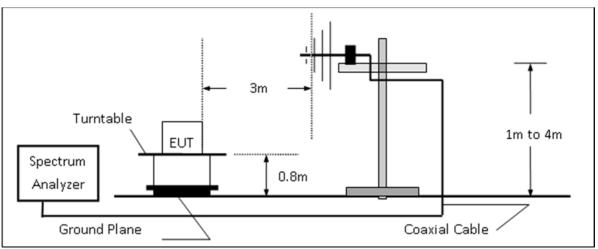


11.3 Test SET-UP

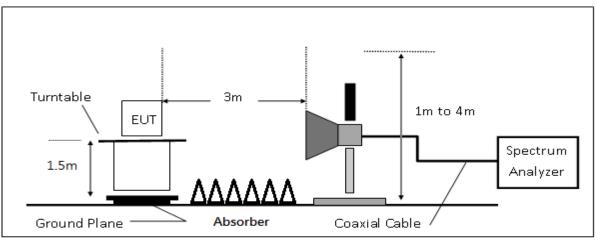
(A) Radiated Emission Test Set-UP Frequency Below 30MHz.



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



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



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11.4 Measurement Procedure

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

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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 StrengthRA = Reading AmplitudeAF = Antenna Factor CL = Cable Attenuation Factor (Cable Loss) AG = Amplifier Gain

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

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

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit per 15.31(o) & 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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72.68

83.35

138.64

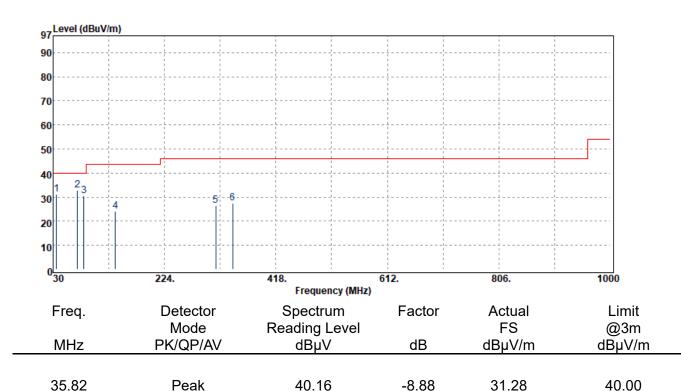
313.24

342.34

11.7 Radiated Spurious Emission Measurement Result

11.7.1 Below 1GHz Worst-Case Data:

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
EUT Pol	:E2 Plane	Engineer	:Nick



43.75

43.43

31.91

32.31

32.55

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Peak

Peak

Peak

Peak

Peak

-10.79

-12.95

-7.71

-5.89

-4.95

32.96

30.48

24.20

26.42

27.60

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Margin

dB

-8.72

-7.04

-9.52

-19.30

-19.58

-18.40

40.00

40.00

43.50

46.00

46.00



390.84

497.54

Report No.: ER/2020/B0047 Page: 159 of 455

Margin

dB

-14.10

-11.51

-17.91

-18.90

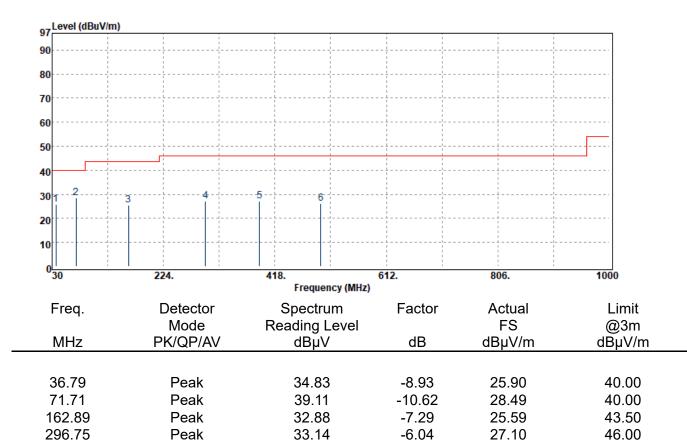
-18.91

-19.82

46.00

46.00

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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Nick



31.52

28.97

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-4.43

-2.79

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Peak

Peak

27.09

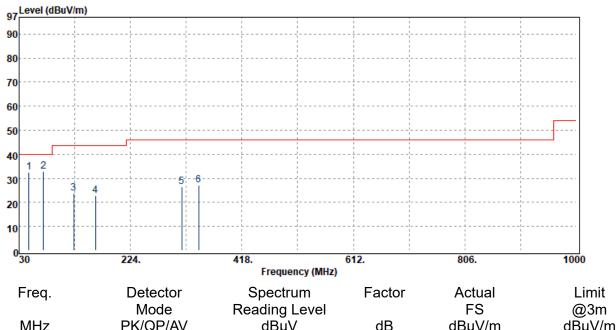
26.18



Report No.: ER/2020/B0047 Page: 160 of 455

Margin

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



MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	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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296.75

313.24

390.84

Report No.: ER/2020/B0047 Page: 161 of 455

Margin

dB

-13.70

-12.51

-17.23

-18.83

-18.85

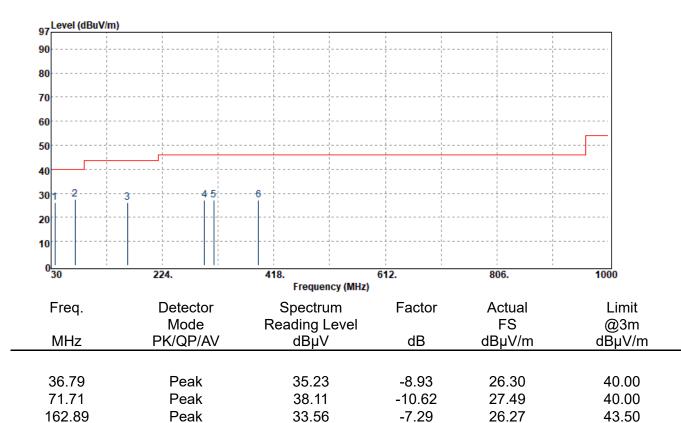
-18.67

46.00

46.00

46.00

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



33.21

33.04

31.76

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-6.04

-5.89

-4.43

27.17

27.15

27.33

	SGS	Taiwan L	td. N	p.134,Wu Kung	g Road, New	Taipei Industrial	Park, Wu	ιkι
台灣檢驗	斜技	股份有限	限公司	t (886-2)) 2299-32	279		

Peak

Peak

Peak

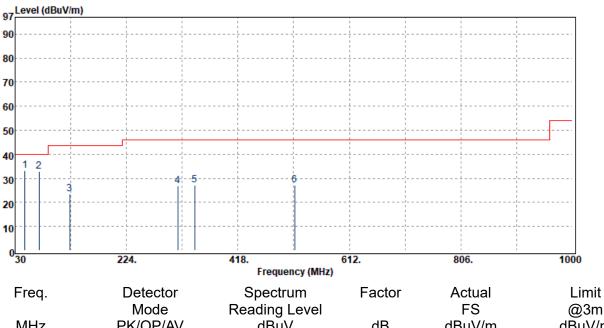
al Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 f (886-2) 2298-0488 www.sgs.com.tw



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Margin

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-01-12
Test Frequency	:5580 MHz	Temp./Humi.	:21.0/39
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Nick



MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
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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162.89

309.36

390.84

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Margin

dB

-13.87

-11.46

-20.03

-18.16

-18.37

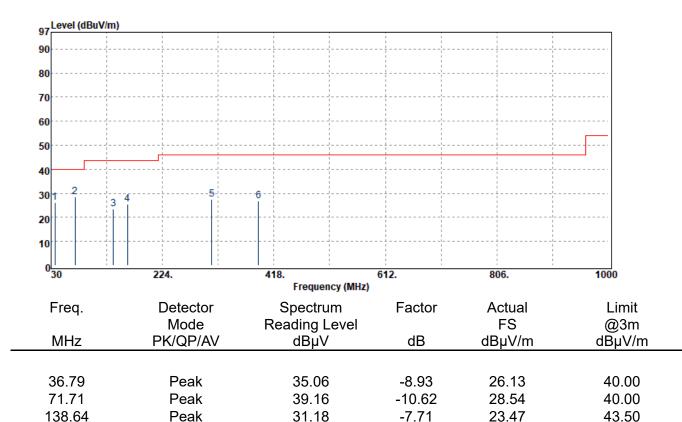
-19.03

43.50

46.00

46.00

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2021-01-12
Test Frequency	:5580 MHz	Temp./Humi.	:21.0/39
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Nick



32.63

33.58

31.40

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-7.29

-5.95

-4.43

25.34

27.63

26.97

SGS Taiwan Ltd

Peak

Peak

Peak

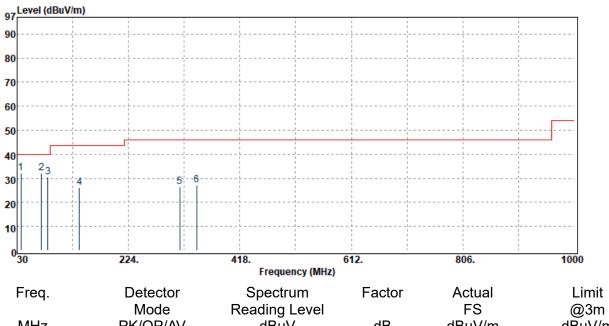


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Margin

чD

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.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Nick



MHZ	PK/QP/AV	αΒμν	aв	abhr/w	abhr/w	aB
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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www.sgs.com.tw



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Margin

dB

-13.12

-10.99

-20.89

-17.93

-18.89

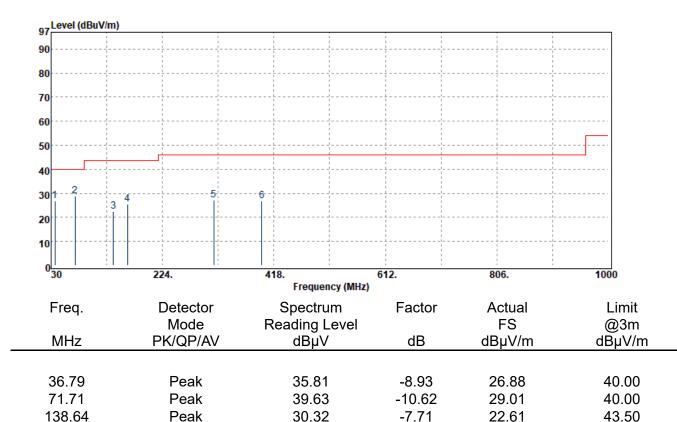
-19.16

43.50

46.00

46.00

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



32.86

33.00

31.18

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-7.29

-5.89

-4.34

SGS Taiwan Ltd

Peak

Peak

Peak

Peak

162.89

313.24

396.66

25.57

27.11

26.84

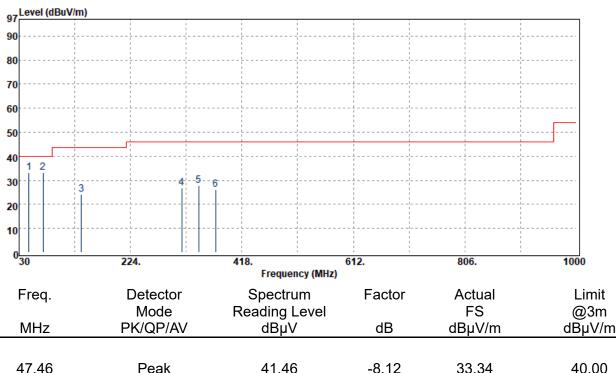


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Margin

dB

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
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.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Nick



Peak	41.46	-8.12	33.34	40.00	-6.66
Peak	44.01	-10.62	33.39	40.00	-6.61
Peak	31.72	-7.71	24.01	43.50	-19.49
Peak	32.59	-5.89	26.70	46.00	-19.30
Peak	32.77	-4.95	27.82	46.00	-18.18
Peak	30.70	-4.69	26.01	46.00	-19.99
	Peak Peak Peak Peak	Peak 44.01 Peak 31.72 Peak 32.59 Peak 32.77	Peak44.01-10.62Peak31.72-7.71Peak32.59-5.89Peak32.77-4.95	Peak44.01-10.6233.39Peak31.72-7.7124.01Peak32.59-5.8926.70Peak32.77-4.9527.82	Peak44.01-10.6233.3940.00Peak31.72-7.7124.0143.50Peak32.59-5.8926.7046.00Peak32.77-4.9527.8246.00

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296.75

390.84

573.20

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Margin

dB

-11.99

-11.64

-17.21

-17.53

-19.44

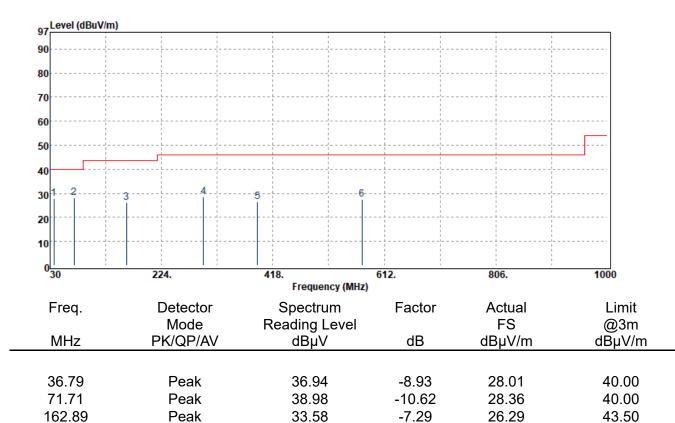
-18.57

46.00

46.00

46.00

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



34.51

30.99

27.99

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-6.04

-4.43

-0.56

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台灣檢驗科技股份有	限公司	t (886-2) 2299-3279	f (886-2)) 2298-0488	www.sqs.com.t

Peak

Peak

Peak

28.47

26.56

27.43

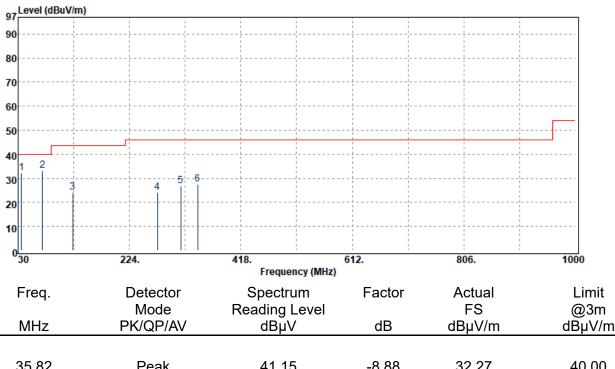


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Margin

dB

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.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Nick



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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296.75

313.24

390.84

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Margin

dB

-13.57

-12.51

-17.25

-19.89

-18.63

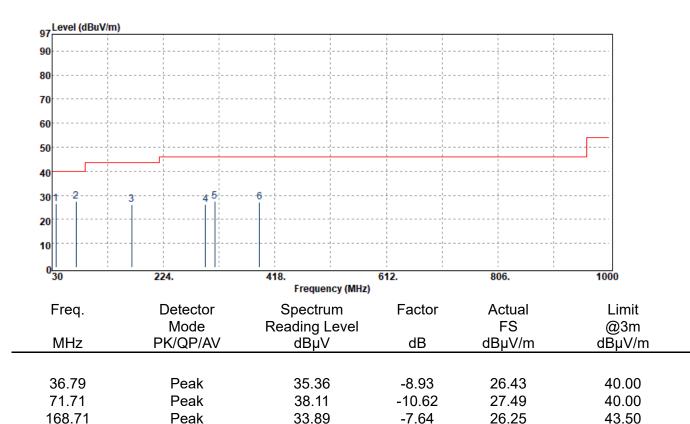
-18.94

46.00

46.00

46.00

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
EUT Pol	:E2 Plane	Engineer	:Nick



32.15

33.26

31.49

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Peak

Peak

Peak

-6.04

-5.89

-4.43

26.11

27.37

27.06

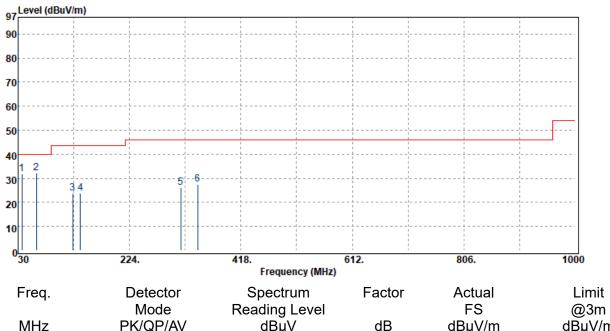


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Margin

чD

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.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Nick



MHZ	PK/QP/AV	αΒμν	aв	abhr/w	abhr/w	aв
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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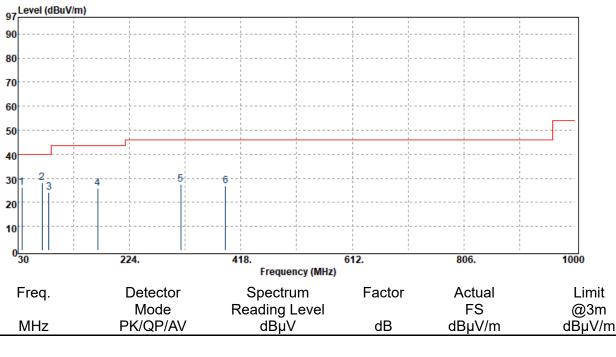


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Margin

dB

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



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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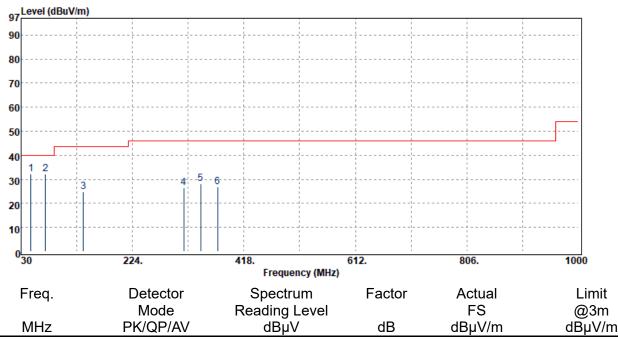


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Margin

dB

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



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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319.06

390.84

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Margin

dB

-13.59

-11.83

-17.38

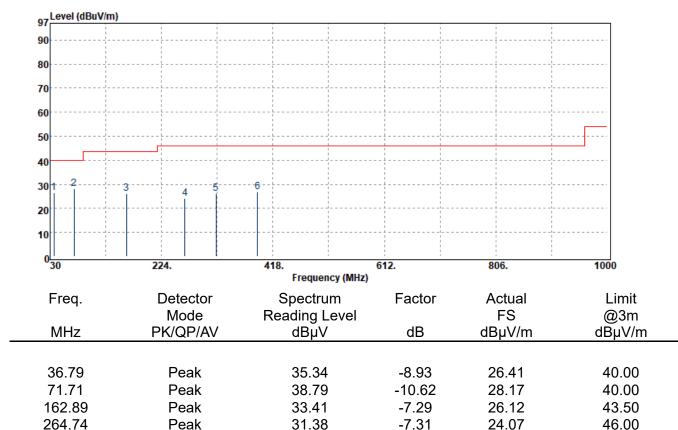
-21.93-19.92

-19.14

46.00

46.00

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



31.85

31.29

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-5.77

-4.43

SGS Taiwan Ltd

Peak

Peak

26.08

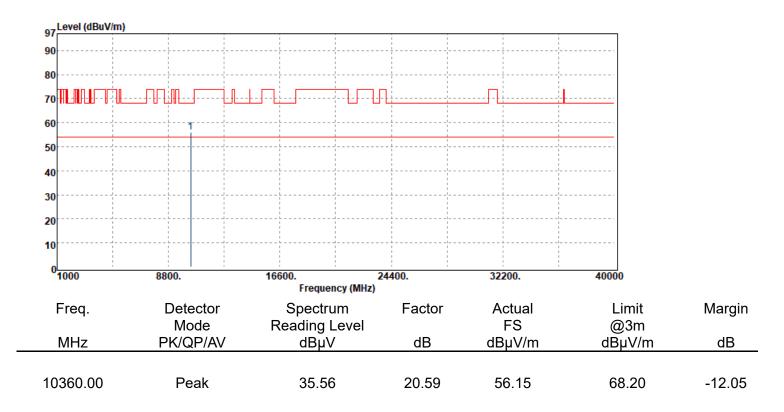
26.86



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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	: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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
80						
70						
60						
50						
40						
30						
20						
10						
0	8800.	16600.	24400.	32200.	40000	
1000	0000.	Frequency		52200.	40000	
Freq.	Detector	Spectrum		Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Le [،] dBµV	vel dB	FS dBµV/m	@3m dBµV/r	
10360.00	Peak	35.34	20.59	55.93	68.20	-12.27

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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.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
80						
70		<u></u>				
60						
50						
40						
30						
20						
10						
0 <mark></mark> 1000	8800.	16600. Frequency (MHz	24400.)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
10440.00	Peak	33.91	21.08	54.99	68.20	-13.21

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Report No.: ER/2020/B0047 Page: 177 of 455

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

97						
90						
80						
70			F1_F1			
60	1			·		
50						
40						
30						
20						
10						
0	8800.	16600. Frequency (I	24400. MHz)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margir
MHz	Mode PK/QP/AV	Reading Leve dBµV	el dB	FS dBµV/m	@3m dBµV/m	dB
10440.00	Peak	34.31	21.08	55.39	68.20	-12.81

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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.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)							
90							
80							
70		<u></u>					
60				· · · · · · · · · · · · · · · · · · ·			
50				· · · · · · · · · · · · · · · · · · ·			
40				1 1 1 1 1 1 1 1 1			
30							
20		 		1 I 1 I 1 I 1 I 1 I 1 I 1 I 1 I	1 		
10				1 1 1 1 1 1 1 1 1 1	 		
0 <mark></mark>	8800.	16600. Frequen	24400. cy (MHz)	32200.	4000	0	
Freq.	Detector	Spectru				.imit	Margin
MHz	Mode PK/QP/AV	Reading L dBµV	evel dB	FS dBµV/m		⊉3m ⊌µV/m	dB
10480.00	Peak	33.90	21.21	55.11	6	8.20	-13.09
10400.00	r can	55.90	Z1.Z1	55.11	0	0.20	-15.09

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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
Operation Mode Test Frequency Test Mode	:802.11a :5240 MHz :Tx CH High	Test Date Temp./Humi. Antenna Pol.	:2020-12-04 :22.5/60 :HORIZONTAL

97 Level (dBuV/m)						
90						
B0			1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·		
70 <mark> </mark>						
50	1					
50						
10						
0						
20						
10						
0 <mark></mark>	8800.	16600. Frequency (MHz	24400.)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Marg
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
10480.00	Peak	33.82	21.21	55.03	68.20	-13.1

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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.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)							
90							
80							
70			-1_F1_F1				
60	11						
50							
40							
30							
20							
10							
0 <mark></mark>	8800.	16600. Frequenc	24400. y (MHz)	32200.	4000	D	
Freq.	Detector	Spectrur		Actual		imit	Margin
MHz	Mode PK/QP/AV	Reading Le dBµV	evel dB	FS dBµV/m)3m µV/m	dB
10520.00	Peak	34.82	21.27	56.09	68	8.20	-12.11

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-

97 Level (dBuV/m)						
90						
80			· · · · · · · · · · · · · · · · · · ·			
70-#1			I.N.			
50	1					
50						
40						
30						
20			·			
10			·			
⁰ 1000	8800.	16600. Frequency (MHz	24400.)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10520 00	Peak	34 03	21 27	55 30	68 20	-12 90
10520.00	Peak	34.03	21.27	55.30	68.20	-12.90

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Loval (dDu\//m)

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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	:5300 MHz	Temp./Humi.	:22.5/60
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

			· · · · · · · · · · · · · · · · · · ·		
		10			
<u></u>	<u></u>	1			
2					
			·		
8800.	16600. Frequency (MHz	24400. 2)	32200.	40000	
Detector	Spectrum	Factor	Actual	Limit	Margin
Mode	Reading Level		FS	@3m	-
PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
Average	25.03	21.27	46.30	54.00	-7.70
Peak	34.75	21.27	56.02	74.00	-17.98
	8800. Detector Mode PK/QP/AV Average	8800. 16600. Frequency (MHz Detector Spectrum Mode Reading Level PK/QP/AV dBµV Average 25.03	8800. 16600. 24400. Frequency (MHz) Detector Spectrum Factor Mode Reading Level dB PK/QP/AV dBµV dB Average 25.03 21.27	8800. 16600. 24400. 32200. B800. 16600. 24400. 32200. Detector Spectrum Factor Actual Mode FS FS PK/QP/AV dBµV dB dBµV/m	8800. 16600. 24400. 32200. 40000 8800. 16600. Frequency (MHz) 32200. 40000 Detector Spectrum Factor Actual Limit Mode Reading Level FS @3m PK/QP/AV dBµV dB dBµV/m dBµV/m

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Lovel (dDu)//m)

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Margin

dB

-7.79 -18.54

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2020-12-04
Test Frequency	:5300 MHz	Temp./Humi.	:22.5/60
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky
Test Frequency Test Mode	:5300 MHz :Tx CH Mid	Temp./Humi. Antenna Pol.	:22.5/60 :HORIZONTAL

97 Level (dBuV/m)					
90		· · · · · · · · · · · · · · · · · · ·			
30					
1			וחו		
′0 <mark> </mark>					
50	2				
50					
10					
30					
20					
10					
0					
⁰ 1000	8800.	16600. Frequency (MHz	24400. z)	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Lin
	Mode	Reading Level		FS	@3
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµ\
0600.00	Average	24.94	21.27	46.21	54.0
10600.00	Peak	34.19	21.27	55.46	74.0

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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	:5320 MHz	Temp./Humi.	:22.5/60
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97						
90			· · · · · · · · · · · · · · · · · · ·			
80			· · · · · · · · · · · · · · · · · · ·			
70		L	<u>-</u>			
60	2					
50						
40						
30						
20						
10						
0 <mark></mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10640.00	Average	25.07	21.21	46.28	54.00	-7.72
10640.00	Peak	34.72	21.21	55.93	74.00	-18.07

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Loval (dDu\//m)

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:ER-2020-B0047	Test Site	:SAC III Chamber
:802.11a	Test Date	:2020-12-04
:5320 MHz	Temp./Humi.	:22.5/60
:Tx CH High	Antenna Pol.	:HORIZONTAL
:E2 Plane	Engineer	:Ricky
	:802.11a :5320 MHz :Tx CH High	:802.11aTest Date:5320 MHzTemp./Humi.:Tx CH HighAntenna Pol.

97 Level (dBuV/m)	
30	
10 ·····	
02	
0	
o	
o	
o	
0	
0 1000 8800. 16600. 24400. 32200. 40000 Frequency (MHz)	
Freq. Detector Spectrum Factor Actual Limi	0
ModeReading LevelFS@3nMHzPK/QP/AVdBμVdBdBμV/mdBμV/m	
10640.00 Average 24.92 21.21 46.13 54.00	0 -7.87

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Report No.: ER/2020/B0047 Page: 186 of 455

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11a	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

97 Level (dBuV/m)						
90						
80						
70		<u></u>				
60	2		·			
50						
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30			· · · · · · · · · · · · · · · · · · ·			
20			· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
10						
0 <mark></mark>	8800 .	16600. Frequency (Mi	24400. Iz)	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
	_					
11000.00	Average	24.71	23.37	48.08	54.00	-5.92
11000.00	Peak	34.13	23.37	57.50	74.00	-16.50

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Report No.: ER/2020/B0047 Page: 187 of 455

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2020-12-04
Test Frequency	:5500 MHz	Temp./Humi.	:22.5/60
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky
Test Frequency Test Mode	:5500 MHz :Tx CH Low	Temp./Humi. Antenna Pol.	:22.5/60 :HORIZONTAL

97 Level (dBuV/m)						
90						
80		·				
70		L				
60	2					
50		· · · · · · · · · · · · · · · · · · ·				
40						
30						
20						
10						
0	8800.	16600. Frequency (N	24400. IHz)	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Leve	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11000.00	Average	24.70	23.37	48.07	54.00	-5.93
11000.00	Average Peak	33.86	23.37	57.23	74.00	-16.77

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Lovel (dBu)//m)

Report No.: ER/2020/B0047 Page: 188 of 455

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

97 Level (dBuV/m)	· · ·			· · · ·		
90	· · · · · · · · · · · · · · · · · · ·					
0						
70-11-1-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		L].[].			
50						
i0						
10						
80						
20						
0						
⁰ 1000	8800.	16600. Frequency (MHz	24400. z)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level	٩D	FS dBul//m	@3m	dD
IVINZ	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11160.00	Average	25.02	22.20	47.22	54.00	-6.78
11160.00	Peak	34.68	22.20	56.88	74.00	-17.12

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Lovel (dDuV/m)

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Margin

dB

-6.82 -17.03

:ER-2020-B0047	Test Site	:SAC III Chamber
:802.11a	Test Date	:2020-12-04
:5580 MHz	Temp./Humi.	:22.5/60
:Tx CH Mid	Antenna Pol.	:HORIZONTAL
:E2 Plane	Engineer	:Ricky
	:802.11a :5580 MHz :Tx CH Mid	:802.11aTest Date:5580 MHzTemp./Humi.:Tx CH MidAntenna Pol.

97 Level (dBuV/m)					
90					
80					
70		<u>+-</u>	1		
50	2				
50					
40					
30					
20					
10					
0 1000	8800.	16600. Frequency (MHz	24400. 2)	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m
11160.00	Average	24.98	22.20	47.18	54.00
11160.00	Peak	34.77	22.20	56.97	74.00

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Report No.: ER/2020/B0047 Page: 190 of 455

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

97 Level (dBuV/m)						
90						
80						
70						
60	2					
50						
40						
30						
20						
10						
0	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11400.00	Average	24.49	22.22	46.71	54.00	-7.29
11400.00	Peak	34.37	22.22	56.59	74.00	-17.41

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Report No.: ER/2020/B0047 Page: 191 of 455

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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90			·			
80						
70						
60	2					
50			· +			
40		·				
30						
20						
10						
0 <mark></mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
11400.00	Average	24.52	22.22	46.74	54.00	-7.26
11400.00	Peak	33.93	22.22	56.15	74.00	-17.85

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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

97						
90			· · · · · · · · · · · · · · · · · · ·			
80						
70						
60	2					
50				· · · · · · · · · · · · · · · · · · ·		
40						
30				· · · · · · · · · · · · · · · · · · ·		
20						
10						
1						
⁰ 1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11440.00	Average	24.26	22.66	46.92	54.00	-7.08
11440.00	Peak	34.01	22.66	56.67	74.00	-17.33

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Test Site	:SAC III Chamber
Test Date	:2020-12-04
Temp./Humi.	:22.5/60
Antenna Pol.	:HORIZONTAL
Engineer	:Ricky
	Temp./Humi. Antenna Pol.

97 Level (dBuV/m)						
90						
80						
70		<u></u>	<u>_</u>			
60	2					
50						
40				·		
30						
20						
10				·		
0 1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11440.00	Average	24.25	22.66	46.91	54.00	-7.09
11440.00	Peak	33.73	22.66	56.39	74.00	-17.61

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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	:5745 MHz	Temp./Humi.	:22.5/60
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
80						
70						
60	2					
50						
40						
30						
20						
10						
0 1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
11490.00	Average	24.07	23.24	47.31	54.00	-6.69
11490.00	Peak	33.20	23.24	56.44	74.00	-17.56

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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	:5745 MHz	Temp./Humi.	:22.5/60
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
80						
70		L	- <mark>П</mark>			
60						
50	2					
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30				·		
20						
10						
0 <mark></mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
			<u>4</u> 2			
11490.00	Average	24.13	23.24	47.37	54.00	-6.63
11490.00	Peak	33.73	23.24	56.97	74.00	-17.03

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Loval (dDu\//m)

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:ER-2020-B0047	Test Site	:SAC III Chamber
:802.11a	Test Date	:2020-12-04
:5785 MHz	Temp./Humi.	:22.5/60
:Tx CH Mid	Antenna Pol.	:VERTICAL
:E2 Plane	Engineer	:Ricky
	:802.11a :5785 MHz :Tx CH Mid	:802.11aTest Date:5785 MHzTemp./Humi.:Tx CH MidAntenna Pol.

97 Level (dBuV/m)						
90						
BO						
			1-1			
50	2					
50						
10						
0						
20						
0						
0 <mark></mark>	8800.	16600. Frequency (MHz	24400. 2)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
		·		-		
11570.00	Average	24.71	22.01	46.72	54.00	-7.28
11570.00	Peak	34.56	22.01	56.57	74.00	-17.43

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

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Lovel (dDu)//m)

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Margin

dB

-7.40 -17.92

:ER-2020-B0047	Test Site	:SAC III Chamber
:802.11a	Test Date	:2020-12-04
:5785 MHz	Temp./Humi.	:22.5/60
:Tx CH Mid	Antenna Pol.	:HORIZONTAL
:E2 Plane	Engineer	:Ricky
	:802.11a :5785 MHz :Tx CH Mid	:802.11aTest Date:5785 MHzTemp./Humi.:Tx CH MidAntenna Pol.

97 Level (dBuV/m)					
90	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	
80					
70			·]_/]_		
60	2				
-					
50					
40					
30					
20					
10					
0 <mark></mark>	8800.	16600.	24400.	32200.	40000
		Frequency (MH			
Freq.	Detector	Spectrum	Factor	Actual	Limit
-	Mode	Reading Level		FS	@3m
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/n
11570.00	Average	24.59	22.01	46.60	54.00
11570.00	Peak	34.07	22.01	56.08	74.00

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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	:5825 MHz	Temp./Humi.	:22.5/60
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
80						
70		↓	- <mark>-</mark>			
60						
50						
40						
30						
20						
10						
0 <mark></mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
11650.00	Average	24.25	22.45	46.70	54.00	-7.30
11650.00	Peak	33.98	22.45	56.43	74.00	-17.57

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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	:5825 MHz	Temp./Humi.	:22.5/60
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
30						
70 ⁻ - - -		L	_			
50	2					
50						
40						
30						
20						
0						
0		10000				
1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margir
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
		·			•	
11650.00	Average	24.11	22.45	46.56	54.00	-7.44
11650.00	Peak	33.77	22.45	56.22	74.00	-17.78

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D20-B0047	Test Site	:SAC III Chamber
1n20	Test Date	:2020-12-04
MHz	Temp./Humi.	:22.5/60
1 Low	Antenna Pol.	:VERTICAL
ane	Engineer	:Ricky
	1n20 MHz H Low	1n20Test DateMHzTemp./Humi.I LowAntenna Pol.

97 Level (dBuV/m)						
90						
80						
70						
60	1					
50			·			
40			· · · · · · · · · · · · · · · · · · ·			
30						
20						
10						
0 <mark></mark>	8800.	16600. Frequency	24400. (MHz)	32200.	40000	
Freq.	Detector	Spectrum		Actual	Lim	0
MHz	Mode PK/QP/AV	Reading Lev dBµV	/el dB	FS dBµV/m	@3⊧ dBµV	
10360.00	Peak	34.81	20.59	55.40	68.2	-12.80

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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

97 Level (dBuV/m)								
90		· · · · · · · · · · · · · · · · · · ·						
80					·			
70		·			. <u>.</u>			
60	·····1							
50	· · · · · · · · · · · · · · · · · · ·				·	· · ·		
40						 		
30						· · · · · · · · · · · · · · · · · · ·		
20	· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·	I I I I I		
10					·	, , , ,		
0 <mark></mark>	8800.	16600. Frequ	24400 ency (MHz)		32200.	4000	0	
Freq.	Detector			Factor	Actual		.imit	Margin
MHz	Mode PK/QP/A	Reading V dBµ		dB	FS dBµV/m		ĝ3m µV/m	dB
10360.00	Peak	35.5	0	20.59	56.11	6	8.20	-12.09

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20-B0047	Test Site	:SAC III Chamber
n20	Test Date	:2020-12-04
ЛНz	Temp./Humi.	:22.5/60
Mid	Antenna Pol.	:VERTICAL
ne	Engineer	:Ricky
	20-B0047 n20 //Hz Mid ne	n20 Test Date /Hz Temp./Humi. Mid Antenna Pol.

97 Level (dBuV/m)						
90	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·			
80			· · · · · · · · · · · · · · · · · · ·			
70						
60						
50						
40						
30	· · · · · · · · · · · · · · · · · · ·	·				
20					1	
10					· · · · · · · · · · · · · · · · · · ·	
0 1000	8800.	16600. Frequency (MH	24400. z)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
10440.00	Peak	34.80	21.08	55.88	68.20	-12.32

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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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90				·		
80						
70].[].			
60						
50						
40						
30						
20						
10						
⁰ 1000	8800.	16600. Frequency (MHz	24400. 2)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margir
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
				/		10.00
10440.00	Peak	34.83	21.08	55.91	68.20	-12.29

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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.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)					
90						
80						
70		·				
60	·····1···					
50						
40						
30						
20			· · · · · · · · · · · · · · · · · · ·		 	
10						
0 <mark></mark> 1000	8800.	16600. Freque	24400. ncy (MHz)	32200.	40000)
Freq.	Detector					imit Margin
MHz	Mode PK/QP/A	Reading l / dBµ∖		FS dBµV/m)3m µV/m dB
10480.00	Peak	34.72	2 21.2 ⁻	1 55.93	68	3.20 -12.27

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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

97 Level (dBuV/m)						
90						
80						
70			<u>, , , , , , , , , , , , , , , , , , , </u>			
60	·····					
50		· · · · · · · · · · · · · · · · · · ·				
40					1 	
30					· · · · · · · · · · · · · · · · · · ·	
20						
10						
0 <mark></mark>	8800.	16600. Frequency (I	24400. MHz)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Leve dBµV	el dB	FS dBµV/m	@3m dBµV/m	dB
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

97 Level (dBuV/m)						
90						
80						
70		LL				
60						
50						
40						
30						
20						
10						
0	8800.	16600.	24400.	32200.	40000	
		Frequency				
Freq.	Detector Mode	Spectrun Reading Le		Actual FS	Limit @3m	0
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/	
10520.00	Peak	34.34	21.27	55.61	68.20) -12.59

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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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)		, , , ,					
90							
80							
70		<u> </u>		·			
60			· · · · · · · · · · · · · · · · · · ·				
50							
40							
30							
20							
10							
0 <mark></mark>	8800.	16600. Frequency	24400. (MHz)	32200.	40000)	
Freq.	Detector	Spectrum		Actual FS		imit	Margin
MHz	Mode PK/QP/AV	Reading Le∖ dBµV	dB	dBµV/m)3m µV/m	dB
10520.00	Peak	34.50	21.27	55.77	68	3.20	-12.43

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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	:5300 MHz	Temp./Humi.	:22.5/60
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL

97 Level (dBuV/m)						
90						
80						
70			FL			
60	2					
50						
40						
30						
20						
10						
0 <mark>1000</mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10600.00	Average	25.03	21.27	46.30	54.00	-7.70
10600.00	Peak	34.41	21.27	55.68	74.00	-18.32

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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	:5300 MHz	Temp./Humi.	:22.5/60
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
80						
70			.			
60	2					
50				· · · · · · · · · · · · · · · · · · ·		
40						
30						
20						
10						
0						
⁰ 1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
N411-	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10600.00	Average	24.96	21.27	46.23	54.00	-7.77
10600.00	Peak	34.38	21.27	55.65	74.00	-18.35

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Report No.: ER/2020/B0047 Page: 210 of 455

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
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.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky
EUT POI	:E2 Plane	Engineer	:Кіску

97 Level (dBuV/m)					
90						
80						
70		<u> </u> <u> </u>				
60	2					
50						
40						
30						
20						
10						
0 <mark></mark> 1000	8800.	16600. Frequency (MHz	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
10640.00	Average	24.94	21.21	46.15	54.00	-7.85
10640.00	Peak	34.28	21.21	55.49	74.00	-18.51

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Report No.: ER/2020/B0047 Page: 211 of 455

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
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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	<u>1</u> 	 			 			
2								
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			Factor					Margir
			dB					dB
			04.04		0.40	_		
								-7.87 -18.41
	. 1 etector	tetector Spectru Mode Reading I /QP/AV dBµV	2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2

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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

97 Level (dBuV/m)						
90						
80						
70 <mark> _ </mark>						
60	2					
50						
40						
30						
20						
10						
0 <mark>1000</mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11000 00	Average	24.66	00.07	40.02	E4 00	5.07
11000.00 11000.00	Average Peak	24.66 33.48	23.37 23.37	48.03 56.85	54.00 74.00	-5.97 -17.15
11000.00	i cak	55.40	20.07	50.05	74.00	-17.15

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Loval (dDu\//m)

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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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90		· · · · · · · · · · · · · · · · · · ·				
30						
		· · · · · · · · · · · · · · · · · · ·].[].			
;0	2					
i0						
10						
0						
0						
0						
0 ¹ 1000	8800.	16600. Frequency (MHz	24400. !)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
		υσμν	uD	սերչյա	ασμν/π	uD
1000.00	Average	24.63	23.37	48.00	54.00	-6.00
11000.00	Peak	34.06	23.37	57.43	74.00	-16.57

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

97 Level (dBuV/m)						
90		· · · · · · · · · · · · · · · · · · ·	·			
30	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		
~~ ∕o <mark>₩L-N</mark> FLEN-N						
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0		· · · · · · · · · · · · · · · · · · ·	· +			
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0						
0 ^L 1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
		d D h A	uD		ασμν/π	UD
11160.00	Average	25.58	22.20	47.78	54.00	-6.22
11160.00	Peak	35.42	22.20	57.62	74.00	-16.38

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Lovel (dDu)//m)

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Margin

dB

-6.34 -17.02

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

97 Level (aBuv/m)					
90					
BO					
70					
50	2				
50					
ю					
0					
20					
10					
0 <mark>1000</mark>	8800.	16600. Frequency (I	24400. MHz)	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MHz	Mode PK/QP/AV	Reading Leve dBµV	el dB	FS dBµV/m	@3m dBµV/m
11160.00	Average	25.46	22.20	47.66	54.00
11160.00	Peak	34.78	22.20	56.98	74.00

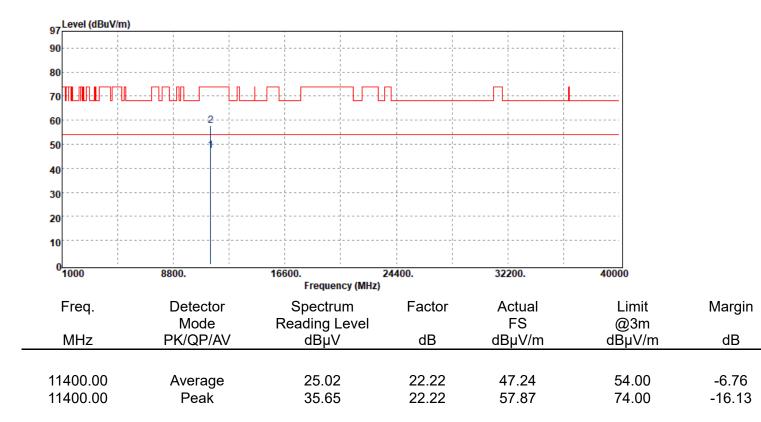
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2020-12-07
Test Frequency	:5700 MHz	Temp./Humi.	:22.6/63
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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Lovel (dDuV/m)

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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	:5700 MHz	Temp./Humi.	:22.6/63
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

7 Level (dBuV/m)						
00						
0						
				F		
0	2					
0						
0						
0						
0						
0						
0 1000	8800.	16600. Frequency (MHz	24400.)	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margir
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
1400.00	Average	24.92	22.22	47.14	54.00	-6.86
1400.00	Average	24.92	22.22	58.06	74.00	-0.80 -15.94

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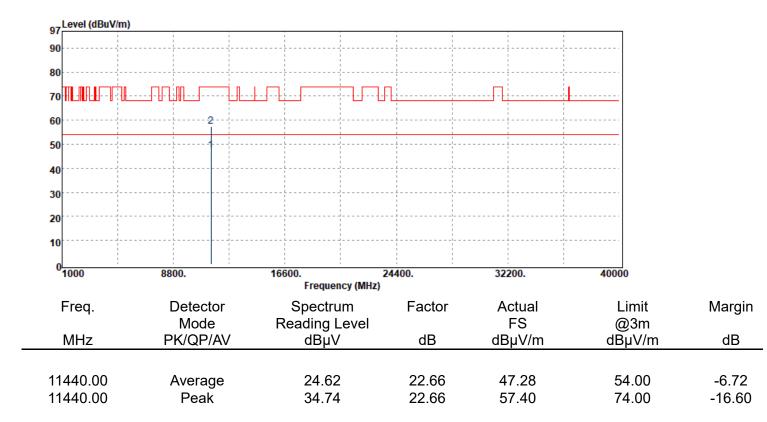
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2020-12-07
Test Frequency	:5720 MHz	Temp./Humi.	:22.6/63
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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Loval (dDu\//m)

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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	:5720 MHz	Temp./Humi.	:22.6/63
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
30						
0	2					
i0			· · · · · · · · · · · · · · · · · · ·			
0						
io						
0						
0						
0	8800.	16600.	24400.	32200.	40000	
Freq.	Detector	Frequency (MHz) Spectrum	Factor	Actual	Limit	Margir
	Mode	Reading Level		FS	@3m	-
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
1440.00	Average	24.55	22.66	47.21	54.00	-6.79
11440.00	Peak	34.17	22.66	56.83	74.00	-17.17

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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	:5745 MHz	Temp./Humi.	:22.6/63
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

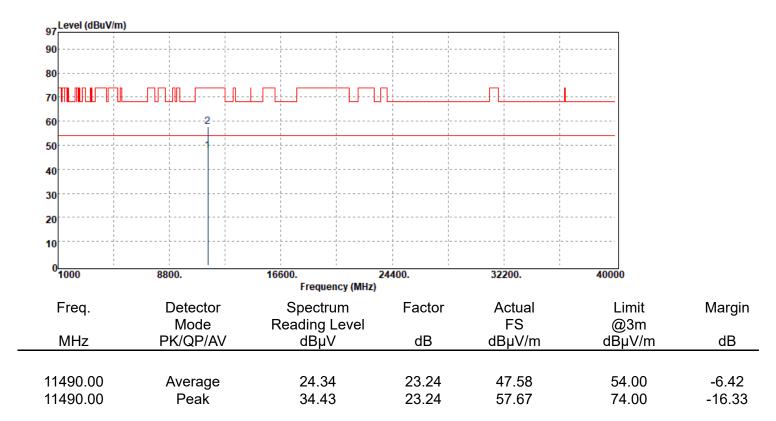
97 Level (dBuV/m)						
90		· · · · · · · · · · · · · · · · · · ·				
80						
70						
60	2				· ·	
50					1 1 1 1	
40						
30					· · · · · · · · · · · · · · · · · · · ·	
20					1 1 1 1 1	
10						
0 <mark>1000</mark>	8800.	16600. Frequency (MI	24400. iz)	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
44.400.00	A	04.40	00.04	47.00	54.00	0.04
11490.00	Average	24.42	23.24	47.66	54.00	-6.34
11490.00	Peak	34.15	23.24	57.39	74.00	-16.61

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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	: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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Lovel (dDuV/m)

Report No.: ER/2020/B0047 Page: 222 of 455

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

97 Level (dBuV/m)						
90						
30						
		<u>+</u>	-1			
50	2					
50						
10						
90						
20						
0						
0 <mark></mark>	8800.	16600. Frequency (MH	24400. Iz)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margir
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
11570.00	Average	24.92	22.01	46.93	54.00	-7.07
11570.00	Peak	34.54	22.01	56.55	74.00	-17.45

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Report No.: ER/2020/B0047 Page: 223 of 455

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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
80			· · · · · · · · · · · · · · · · · · ·			
70 <mark> - </mark> - - - - - -		<u>+</u>				
60	2					
50			· · · · · · · · · · · · · · · · · · ·			
40						
30						
20						
10						
0 <mark></mark> 1000	8800.	16600. Frequency (MHz	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
11570.00	Average	24.82	22.01	46.83	54.00	-7.17
11570.00	Peak	34.18	22.01	56.19	74.00	-17.81

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Margin

dB

-7.22 -17.80

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.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)					
90					
80					
70		L-IL-IL-IL			
50	2			······	
50				· · · · · · · · · · · · · · · · · · ·	
40					
30					
20					
10					
0 <mark></mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m
11650.00	Average	24.33	22.45	46.78	54.00
11650.00	Peak	33.75	22.45	56.20	74.00

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Margin

dB

-7.28 -17.08

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
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)					
90					
80					
70		<u>+-</u>	-1		
60	2				
50					
40					
30					
20					
10					
0 <mark></mark>	8800.	16600. Frequency (MH	24400. z)	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m
11650.00	Average	24.27	22.45	46.72	54.00
11650.00	Peak	34.47	22.45	56.92	74.00

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Report No.: ER/2020/B0047 Page: 226 of 455

Test Site	:SAC III Chamber
Test Date	:2020-12-07
Temp./Humi.	:22.6/63
Antenna Pol.	:VERTICAL
Engineer	:Ricky
	Test Date Temp./Humi. Antenna Pol.

97 Level (dBuV/m)						
90						
80						
70			1-1			
60						
50						
40						
30						
20						
10						
0 <mark></mark>	8800.	16600. Frequency (MH	24400. 2)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margir
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
10380.00	Peak	36.10	20.61	56.71	68.20	-11.49

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Lovel (dDuV/m)

Report No.: ER/2020/B0047 Page: 227 of 455

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

97 Level (dBuV/m)						
90						
80						
			-			
j0	1					
i0						
0						
0						
0				·		
0				· · · · · · · · · · · · · · · · · · ·		
0	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
0380.00	Peak	34.62	20.61	55.23	68.20	-12.97

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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	:5230 MHz	Temp./Humi.	:22.6/63
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
80						
70		<u></u>				
60	·····					
50						
40						
30						
20						
10						
0	8800.	16600.	24400.	32200.	40000	
1000	0000.	Frequency (MHz)	24400.	52200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
10460.00	Peak	34.74	21.20	55.94	68.20	-12.26

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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	:5230 MHz	Temp./Humi.	:22.6/63
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)							
90							
80							
70			1				
60							
50					1 		
40	·				 - 		
30					 		
20							
10							
0 <mark></mark>	8800.	16600. Frequency	24400. y (MHz)	32200.	40000		
Freq.	Detector	Spectrum		Actual		mit	Margin
MHz	Mode PK/QP/AV	Reading Le dBµV	dB	FS dBµV/m		3m ıV/m	dB
10460.00	Peak	34.86	21.20	56.06	68	.20	-12.14

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Report No.: ER/2020/B0047 Page: 230 of 455

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

97 Level (dBuV/m	1)									
90										
80										
70										
60	1			 						
50	 	^J								
40										
30		J								
20	 	 		 				 - 		
10										
0 <mark></mark>	8800.	160	600. Frequenc	244 y (MHz)	100.	322	200.	4000	0	
Freq.	Detect		Spectrun		Factor		ctual		.imit	Margin
MHz	Mode PK/QP/		eading Le dBµV	evel	dB		FS µV/m		ĝ3m µV/m	dB
10540.00	Peak	¢	34.12		21.31	5	5.43	6	8.20	-12.77

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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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)										
90										
80							, 			
70							· · · · · · · · · · · · · · ·			
60	1						, , , ,			
50							 			
40							1 1 1 1 1			
30							 			
20				 			 			
10				 	 	 	 			
0 <mark></mark>	8800.	16	600. Frequen	244 Icy (MHz)	400.	32	200.	4000	0	
Freq.	Dete		Spectru		Factor		ctual		_imit	Margin
MHz	Mo PK/QI		Reading L dBµV		dB		FS 8µV/m		⊉3m 8µV/m	dB
10540.00	Pea	ak	34.85		21.31	5	6.16	6	8.20	-12.04

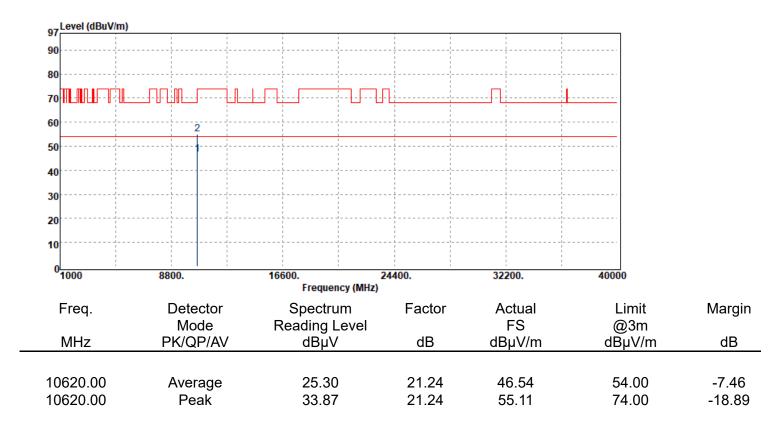
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2020-12-07
Test Frequency	:5310 MHz	Temp./Humi.	:22.6/63
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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Loval (dDu\//m)

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Margin

dB

-7.59 -17.92

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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

7 Level (dBuV/m)						
0			· · · · · · · · · · · · · · · · · · ·			
0	·					
┙ ╕╫┠╶╫╏┤ <u>╊</u> ╎╴╴╢╶┤╟╴╴				Π	L	
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0						
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1000	8800.	16600. Frequenc	24400.	32	200.	40000
	Detector			otor A	atual	Linait
Freq.	Detector	Spectrur		ctor A	ctual	Limit
MHz	Mode PK/QP/AV	Reading Le dBµV		IB dE	FS 3µV/m	@3m dBµV/m
					- Pr. • • • • • •	
0620.00	Average	25.17	21	.24 4	6.41	54.00
0620.00	Peak	34.84			56.08	74.00
				-		

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Lovel (dDu)//m)

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Margin

dB

-6.46 -16.19

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

97 Level (dBuV/m)					
90					
30					
70		<u></u>			
50	2				
0					
0					
0					
0					
0					
0	8800.	16600. Frequency (MHz)	24400.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m
1020.00	Average	24.69	22.85	47.54	54.00
11020.00	Peak	34.96	22.85	57.81	74.00

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Loval (dDu\//m)

Report No.: ER/2020/B0047 Page: 235 of 455

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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
30						
′0¦HL-HL !L L - + +	·──╡╴Ы╴ <mark>┟┊╢╢</mark> ┟──┥╴╴╴╴╸┥╴╢ <mark>╴</mark> ╴╴ ╎	<u>+</u>				
50	2					
50						
10						
0						
20	· · · · · · · · · · · · · · · · · · ·					
10	·					
0 <mark></mark>	8800.	16600. Frequency (MH	24400. z)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	-
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
	_					
11020.00	Average	24.57	22.85	47.42	54.00	-6.58
11020.00	Peak	34.57	22.85	57.42	74.00	-16.58

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Report No.: ER/2020/B0047 Page: 236 of 455

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

97 Level (dBuV/m)						
90						
80						
70 						
60	2					
50						
40						
30						
20				· · · · · · · · · · · · · · · · · · ·		
10						
0 <mark></mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margir
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
44400.00	A	04.04	04.00	40.00	54.00	7.04
11100.00	Average	24.84	21.82	46.66	54.00	-7.34
11100.00	Peak	34.18	21.82	56.00	74.00	-18.00

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Lovel (dDu)//m)

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Margin

dB

-7.42 -18.74

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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

7 Level (dBuV/m)						
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0					·	
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0					 	
•) I I I I I I I I I I I I	
0 <mark>1000</mark>	8800.	16600. Frequen		100.	32200.	40000
Freq.	Detector	Spectru	m	Factor	Actual	Limit
	Mode	Reading L	evel		FS	@3m
MHz	PK/QP/AV	dBµV		dB	dBµV/m	dBµV/
1100.00	Average	24.76		21.82	46.58	54.00
1100.00	Peak	33.44		21.82	55.26	74.00

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Loval (dDu\//m)

Report No.: ER/2020/B0047 Page: 238 of 455

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2020-12-07
Test Frequency	:5670 MHz	Temp./Humi.	:22.6/63
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

P7 Level (dBuV/m)						
90						
30						
∕₀ <mark>- </mark> <u>-</u> -						
0	2		· · · · · · · · · · · · · · · · · · ·			
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0			· · · · · · · · · · · · · · · · · · ·			
0			· · · · · · · · · · · · · · · · · · ·			
0						
0 <mark></mark>	<mark>8800.</mark>	16600. Frequency (MHz	24400.)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margir
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
					= / 00	
1340.00	Average	24.90	22.34	47.24	54.00	-6.76
1340.00	Peak	34.40	22.34	56.74	74.00	-17.26

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Report No.: ER/2020/B0047 Page: 239 of 455

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2020-12-07
Test Frequency	:5670 MHz	Temp./Humi.	:22.6/63
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
80	· · · · · · · · · · · · · · · · · · ·					
╴╸ ┮╸╫┠╶╢┦╧┠╴╴╽╶┤╟╶		ŀ	- P .			
60	2					
50						
40						
30						
20						
10						
⁰ 1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
11340.00	Average	24.83	22.34	47.17	54.00	-6.83
11340.00	Peak	34.07	22.34	56.41	74.00	-17.59

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Report No.: ER/2020/B0047 Page: 240 of 455

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.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
80						
70		<u>+-</u>				
60	2					
50						
40						
30						
20						
10						
0 <mark></mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margir
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
11420.00	Average	24.46	22.44	46.90	54.00	-7.10
11420.00	Peak	33.57	22.44	56.01	74.00	-17.99

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Report No.: ER/2020/B0047 Page: 241 of 455

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

97 Level (dBuV/m)						
90						
80						
70		↓	- <mark>-</mark>			
60						
50	2					
40						
30						
20						
10			ii 			
0 <mark></mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
11420.00	Average	24.40	22.44	46.84	54.00	-7.16
11420.00	Peak	34.21	22.44	56.65	74.00	-17.35

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0047 Test Site	:SAC III Chamber
Test Date	:2020-12-07
Temp./Hum	i. :22.6/63
Antenna Po	I. :VERTICAL
Engineer	:Ricky
	Test Date Temp./Hum Antenna Po

97 Level (dBuV/m)						
90						
80						
70 <mark> </mark>						
50	2					
50						
40						
30						
20						
10						
⁰ 1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
NAL 1-	Mode	Reading Level	٦D	FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11510.00	Average	24.13	23.13	47.26	54.00	-6.74
11510.00	Peak	34.06	23.13	57.19	74.00	-16.81

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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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
97 90						
80						
70	<u></u>	<u> </u>				
60	2					
50			·			
40						
30						
20		·				
10						
0 <mark></mark>	8800.	16600. Frequency (MHz	24400.)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
11510.00	Average	24.07	23.13	47.20	54.00	-6.80
11510.00	Peak	34.08	23.13	57.21	74.00	-16.79

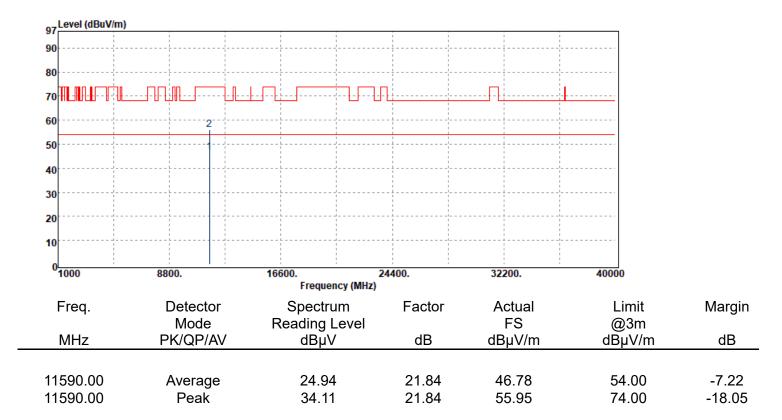
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2020-12-07
Test Frequency	:5795 MHz	Temp./Humi.	:22.6/63
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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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

97 Level (dBuV/m)						
90						
80						
70 <mark>-111-111-11111-</mark>		<u>+-</u>				
50	2		·			
50						
10		 	· 4	· · · · · · · · · · · · · · · · · · ·		
0			· 4			
20						
0						
0 <mark>1000</mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margir
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11590.00	Average	24.89	21.84	46.73	54.00	-7.27
11590.00	Peak	34.48	21.84	56.32	74.00	-17.68

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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	:5210 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97						
90						
80						
70						
60						
50						
40						
30						
20						
10						
0	0000	46500	24400	22200	40000	
°1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
10420.00	Peak	35.60	20.87	56.47	68.20	-11.73

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Report No.: ER/2020/B0047 Page: 247 of 455

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2021-01-07
Test Frequency	:5210 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
80						
70						
60						
50				· · · · · · · · · · · · · · · · · · ·		
40						
30						
20						
10						
0 1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
40400.00	Deele	05.40	00.07	50.00	00.00	44.07
10420.00	Peak	35.46	20.87	56.33	68.20	-11.87

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:ER-2020-B0047	Test Site	:SAC III Chamber
:802.11ac80	Test Date	:2021-01-07
:5290 MHz	Temp./Humi.	:21.1/56
:Tx CH High	Antenna Pol.	:VERTICAL
:E2 Plane	Engineer	:Ricky
	:802.11ac80 :5290 MHz :Tx CH High	:802.11ac80Test Date:5290 MHzTemp./Humi.:Tx CH HighAntenna Pol.

97 Level (dBuV/m)						
90						
80						
70			L_F			
60						
50						
40						
30						
20						
10						
0 <mark></mark> 1000	8800.	16600. Frequency	24400. (MHz)	32200.	40000	
Freq.	Detector	Spectrum		Actual	Lim	0
MHz	Mode PK/QP/AV	Reading Lev dBµV	vel dB	FS dBµV/m	@3 dBµ\	
10580.00	Peak	35.25	21.30	56.55	68.2	20 -11.65

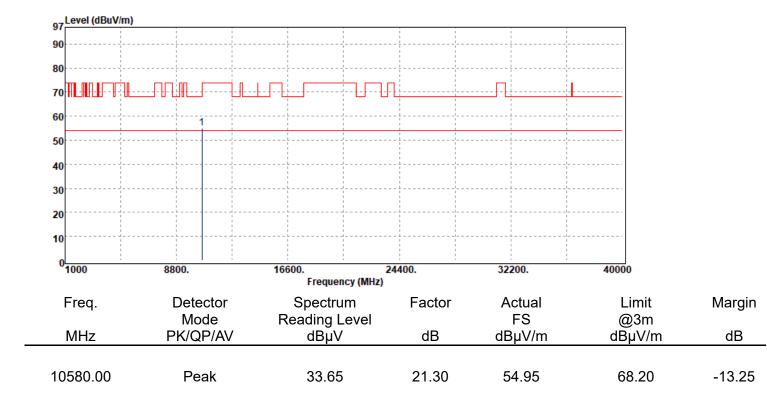
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2021-01-07
Test Frequency	:5290 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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2020-B0047	Test Site	:SAC III Chamber
11ac80	Test Date	:2021-01-07
) MHz	Temp./Humi.	:21.1/56
CH Low	Antenna Pol.	:VERTICAL
Plane	Engineer	:Ricky
	2020-B0047 11ac80 0 MHz CH Low Plane	11ac80Test Date0 MHzTemp./Humi.CH LowAntenna Pol.

97						
90			· · · · · · · · · · · · · · · · · · ·			
80			· · · · · · · · · · · · · · · · · · ·			
70		L-I				
60	2					
50						
40						
30						
20						
10						
0 <mark></mark>	8800.	16600. Frequency (MHz	24400.)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
11060.00	Average	24.56	22.01	46.57	54.00	-7.43
11060.00	Peak	34.02	22.01	56.03	74.00	-17.97

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Loval (dDu\//m)

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Margin

dB

-7.38 -17.89

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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)					
0					
30			·		
		<u></u>	-1		
50	2				
50					
10					
30					
20					
0			· +		
0 ^L 1000	8800.	16600. Frequency (MH	24400. z)	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MLI→	Mode	Reading Level	d۵	FS dBuV/m	@3m dBu\//m
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m
11060.00	Average	24.61	22.01	46.62	54.00
11060.00	Peak	34.10	22.01	56.11	74.00

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Margin

dB

-7.20 -17.86

II Chamber
01-07
56
ICAL

97 Level (dBuV/m)					
90					
80			 		
70		L			
60	2				
50					
40					
30					
20					
10					
0 <mark></mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m
11220.00	Average	24.71	22.09	46.80	54.00
11220.00	Peak	34.05	22.09	56.14	74.00

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Margin

dB

-7.25 -17.13

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2021-01-07
Test Frequency	:5610 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

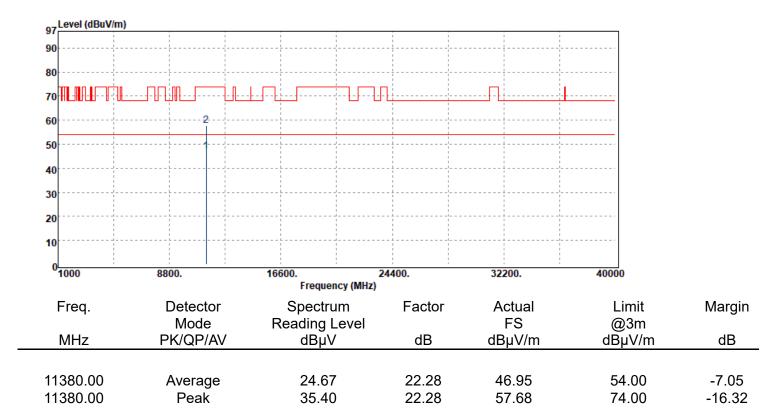
97 Level (dBuV/m)					
90		· · · · · · · · · · · · · · · · · · ·			
30					
			-		
60	2				
50					
10					
80					
0					
10					
0 1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m
1220.00	Average	24.66	22.09	46.75	54.00
11220.00	Peak	34.78	22.09	56.87	74.00

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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	: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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Margin

dB

-7.03 -17.74

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2021-01-07
Test Frequency	:5690 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

1380.00 1380.00	Average Peak	24.69 33.98		22.28 22.28		5.97 5.26	54.00 74.00
MHz	Mode PK/QP/AV	Reading Le dBµV	vei	dB		⁻S µV/m	@3m dBµV/m
Freq.	Detector	Spectrum		Factor		tual	Limit
0 ^L 1000	8800.	16600. Frequency	244((MHz)	JU.	322		40000
0		40000					40000
10			·				
20							
30							
10							
i0							
50	2		·				
			· 			1	
	חודייים מאוחה					1	
30			1				
0		ii.					

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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	:5775 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky
Operation Mode Test Frequency Test Mode	:802.11ac80 :5775 MHz :Tx CH Low	Test Date Temp./Humi. Antenna Pol.	:2021-01-07 :21.1/56 :VERTICAL

97 Level (dBuV/m)						
90						
80						
70 <mark> </mark>		<u></u>				
60	2					
50						
40						
30						
20						
10				· · · · · · · · · · · · · · · · · · ·		
0		40000		22200	40000	
0 <mark>.</mark> 1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
11550.00	Average	24.52	22.18	46.70	54.00	-7.30
11550.00	Peak	33.41	22.18	55.59	74.00	-18.41

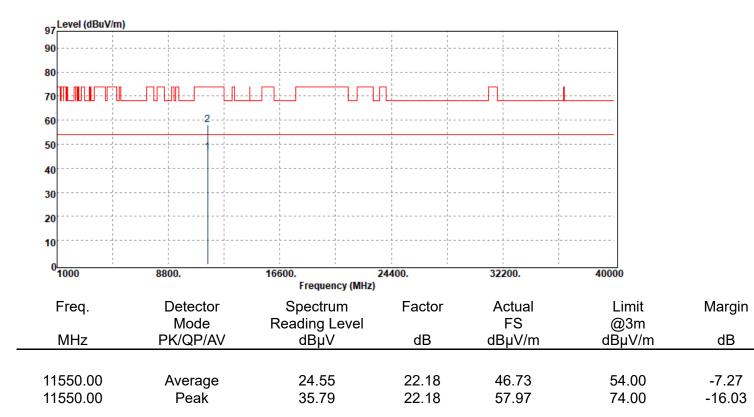
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2021-01-07
Test Frequency	:5775 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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

97 Level (dBuV/m	1)						
90							
80							
70							
60	1						
50							
40	L	 					
30							
20							
10							
0 <mark></mark>	8800.	16600. Frequ	24 ency (MHz)	400.	32200	. 40000)
Freq.	Detector			Factor	Actu		mit Margin
MHz	Mode PK/QP/A	Reading V dBµ		dB	F؟ dBµ		23m uV/m dB
10360.00	Peak	35.6	0	20.59	56.	19 68	3.20 -12.01

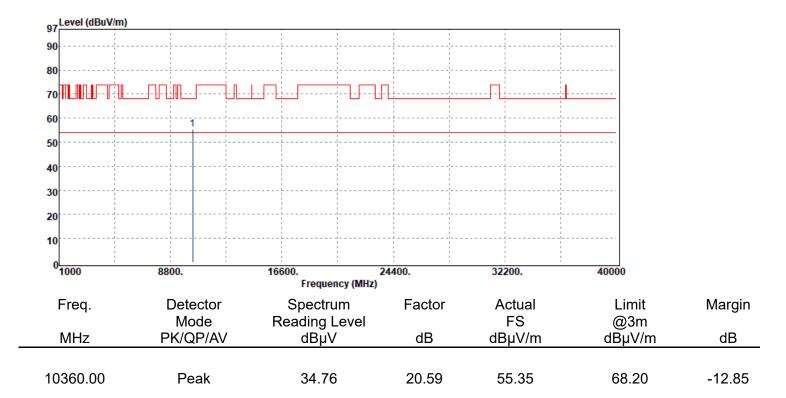
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-01-07
Test Frequency	:5180 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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Lovel (dDuV/m)

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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	:5220 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
BO						
70+1111+1-1-1-1-1-1+1+						
50						
50						
40						
30						
20						
10						
0	8800.	16600.	24400.	32200.	40000	
1000	0000.	Frequency (MHz)		52200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
1711 12			40			40
10440.00	Peak	34.19	21.08	55.27	68.20	-12.93

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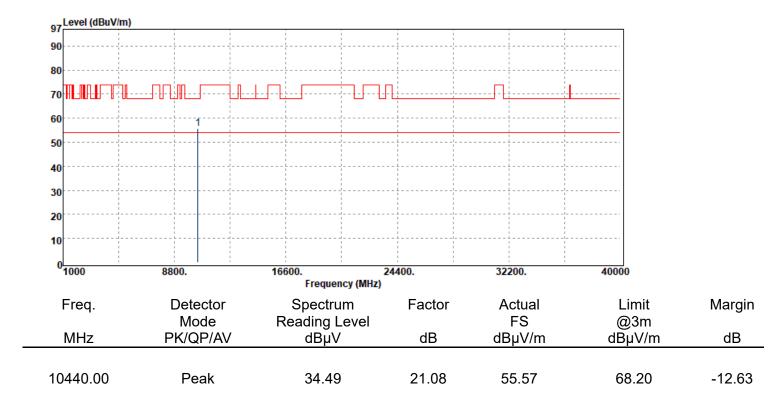
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-01-07
Test Frequency	:5220 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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Report Number	: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

97 Level (dBuV/m)						
90				· · · · · · · · · · · · · · · · · · ·		
80						
70			·][.			
60						
50						
40						
30						
20						
10						
0 <mark></mark>	8800.	16600. Frequency (MH	24400. z)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margir
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
10480.00	Peak	34.91	21.21	56.12	68.20	-12.08

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Margin

dB

-12.91

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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

7 Level (dBuV/m)					
0					
0					
′o		<u>+-</u>		F	
0					
0	· · · · · · · · · · · · · · · · · · ·				
0					
0					
0					
0					
01000	8800.	16600. Frequency	24400. (MHz)	32200.	40000
Freq.	Detector	Spectrum		Actual	Limit
MHz	Mode PK/QP/AV	Reading Lev dBµV	/el dB	FS dBµV/m	@3m dBµV/m
0400.00	Deele	24.00	04.04		<u> </u>
0480.00	Peak	34.08	21.21	55.29	68.20

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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	:5260 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m))								
90			· · · · · · · · · · · · · · · · · · ·						
80			· · · · · · · · · · · · · · · · · · ·						
70									
60	1		· · · · · · · · · · · · · · · · · · ·						
50			· · · · · · · · · · · · · · · · · · ·						
40		 	· · · · · · · · · · · · · · · · · · ·						
30		 							
20		 					 		
10									
0 <mark></mark>	8800.	16600. Frequer	244 ncy (MHz)	00.	322	200.	4000	0	
Freq.	Detector	Spectru		Factor		ctual		.imit	Margin
MHz	Mode PK/QP/AV	Reading L ∕ dBµV		dB		FS μV/m		⊉3m µV/m	dB
10520.00	Peak	34.60)	21.27	5	5.87	6	8.20	-12.33

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Margin

dB

-12.75

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

97 Level (dBuV/m)					
90					
80					
70 <mark> </mark>			1-1-1		
50					
i0					
0					
0				· · · · · · · · · · · · · · · · · · ·	
20					
0					
0	8800.	16600. Frequency (MHz	24400. 2)	32200.	40000
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m
10520.00	Peak	34.18	21.27	55.45	68.20

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Lovel (dDu)//m)

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Margin

dB

-7.73 -17.78

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

7 Level (dBuV/m)						·
0						
0						
₀╫┠╌║┦╘┟╴╴┠┊╟╴╴		<u>+</u>				
0	2					
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)						
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,						 -
1000	8800.	16600. Frequen	244 cy (MHz)	00.	32200.	40000
Freq.	Detector	Spectru		Factor	Actual	Lin
MHz	Mode PK/QP/AV	Reading L dBµV	evel	dB	FS dBµV/m	@3 dBµ`
0600.00	Average	25.00		21.27	46.27	54.
0600.00	Peak	34.95		21.27	56.22	74.

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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	:5300 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

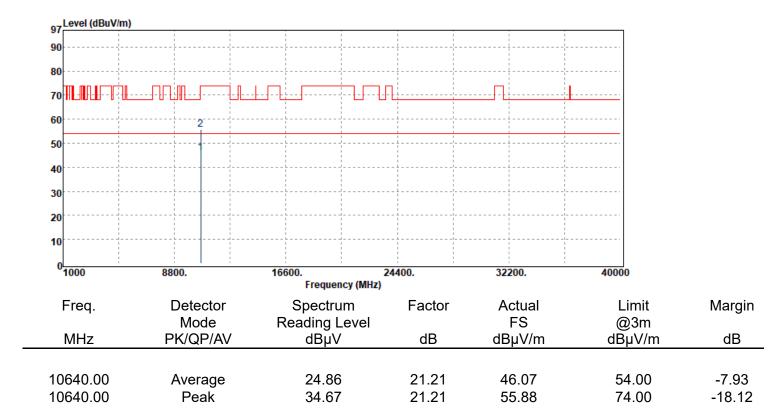
97 Level (dBuV/m)						
90						
80						
70		<u>+-</u> <u>+</u>				
60	2					
50						
40						
30						
20						
10						
0 <mark></mark> 1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10600.00	Average	25.06	21.27	46.33	54.00	-7.67
10600.00	Peak	33.92	21.27	55.19	74.00	-18.81

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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	: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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Margin

dB

-7.84

-17.68

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

97					
97					
30					
70-₩₽-₩₽-₩₽₩⁻		<u>+-</u>			
50	2				
50					
10					
30					
20					
10					
0 1000	8800 .	16600. Frequency (MHz	24400.)	32200.	40000
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m
10640.00		24.05	04.04	46.46	E4.00
10640.00 10640.00	Average Peak	24.95 35.11	21.21 21.21	46.16 56.32	54.00 74.00

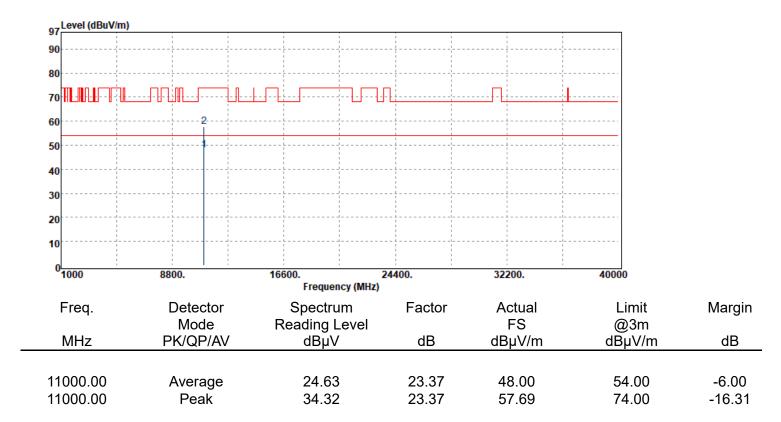
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-01-07
Test Frequency	:5500 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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Margin

dB

-5.98 -15.75

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

Level (dBuV/m)					
)					
╺ ┟╢┠╶╢╢ ╞╶╊╏╴╶╴╢╶┊┨╫╶╴					
·	2				
1000	8800.	16600. Frequency (M	24400. Hz)	32200.	40000
Freq.	Detector Mode	Spectrum Reading Leve	Factor	Actual FS	Limit @3m
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m
1000.00 1000.00	Average	24.65	23.37	48.02	54.00
	Peak	34.88	23.37	58.25	74.00

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Margin

dB

-6.73 -17.16

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

97						
90						
80						
70						
60	2					
50			·			
40			· 4			
30						
20						
10						
0 <mark></mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	
44400 00	A	05.07	00.00	47.07	54.00	
11160.00	Average	25.07	22.20	47.27	54.00	
11160.00	Peak	34.64	22.20	56.84	74.00	

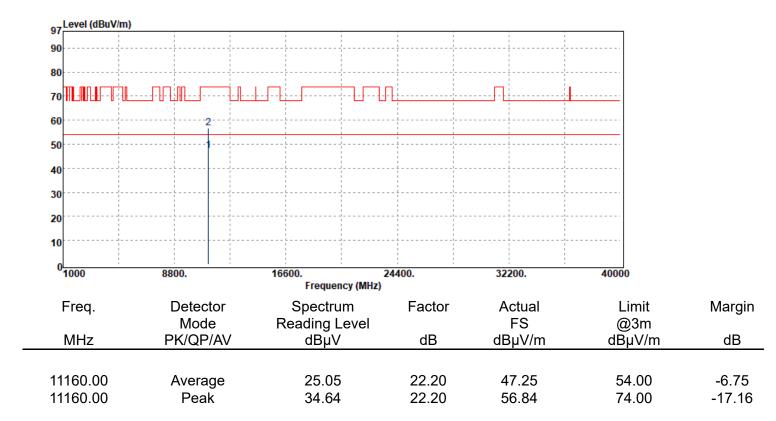
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-01-07
Test Frequency	:5580 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH Mid	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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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	:5700 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)				,		
90						
80						
70 <mark> </mark>		L	1			
60	2					
50		· · · · · · · · · · · · · · · · · · ·				
40						
30		· · · · · · · · · · · · · · · · · · ·				
20						
10						
0 <mark></mark>	8800.	16600. Frequency (MHz	24400.)	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11 100 00	A	04.70	00.00	40.00	54.00	7.00
11400.00 11400.00	Average Peak	24.70 34.28	22.22 22.22	46.92 56.50	54.00 74.00	-7.08 -17.50

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Margin

dB

-7.12 -17.72

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

97 Level (dBuV/m)					
90					
30					
70 - FIL - AL				·	
50	2			·	
50					
10					
80					
20					
10				· · · · · · · · · · · · · · · · · · ·	
0					
01000	8800.	16600. Frequency (MHz)	24400.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m
		ľ		•	•
11400.00	Average	24.66	22.22	46.88	54.00
11400.00	Peak	34.06	22.22	56.28	74.00

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Margin

dB

-7.02 -17.01

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

97 Level (dBuV/m)					
90					
BO			· · · · · · · · · · · · · · · · · · ·		
50	2				
50					
10					
30					
20					
10					
0 <mark></mark> 1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m
11440.00	Average	24.32	22.66	46.98	54.00
11440.00	Peak	34.33	22.66	56.99	74.00

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Margin

dB

-7.09 -18.01

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

97 Level (dBuV/m)					
90					
B0					
70 - FIL - IL FIL					
6 0	2				
50				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
10					
0					
20					
10					
0		10000			
⁰ 1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m
				·	•
11440.00	Average	24.25	22.66	46.91	54.00
11440.00	Peak	33.33	22.66	55.99	74.00

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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	:5745 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
80						
70 _ - - - - - -			L-L			
50	2					
50						
40						
30						
20				· · · · · · · · · · · · · · · · · · ·		
10						
0 1000	8800.	16600. Frequency (MHz	24400.)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margi
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
11490.00	Average	24.24	23.24	47.48	54.00	-6.52
11490.00	Peak	33.71	23.24	56.95	74.00	-17.05

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Margin

dB

-6.58

-16.58

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
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)					
97					
30					
70 <mark>- A.L A.</mark> J <u>A.</u> L <u>A.L</u>		<u>.</u>	- <u>-</u>		
50	2				
50					
10					
90					
0					
10		· · · · · · · · · · · · · · · · · · ·			
0 <mark>1000</mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m
11490.00	Average	24.18	23.24	47.42	54.00
11490.00	Peak	34.18	23.24	57.42	74.00

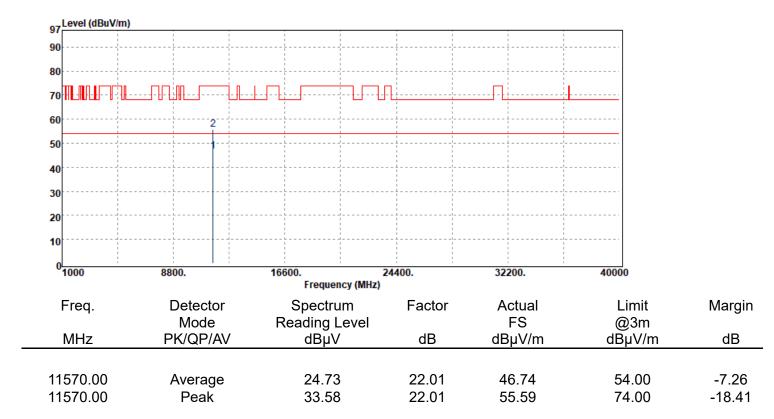
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-01-07
Test Frequency	:5785 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH Mid	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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

97 Level (dBuV/m)						
90						
80						
70			1.1			
60	2					
50						
40						
30						
20						
10				·		
0 <mark></mark>	8800.	16600. Frequency (MH	24400. z)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
11570.00	Average	24.76	22.01	46.77	54.00	-7.23
11570.00	Peak	34.47	22.01	56.48	74.00	-17.52

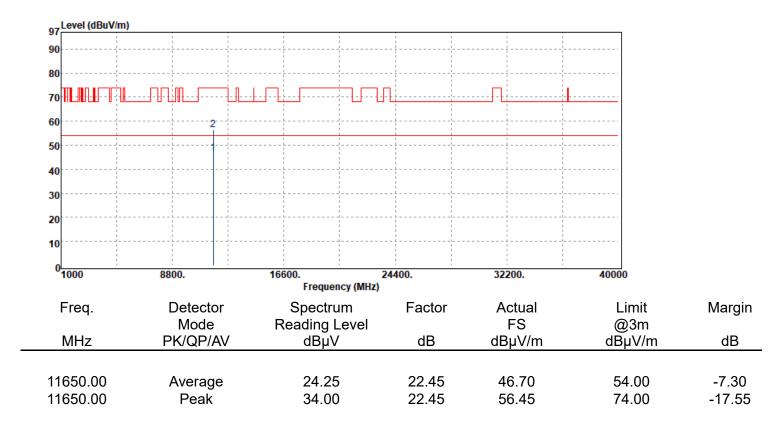
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2021-01-07
Test Frequency	:5825 MHz	Temp./Humi.	:21.1/56
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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Margin

dB

-7.38 -17.45

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

97 Level (dBuV/m)					
90					
30					
70 <mark> - - - - - - - </mark>		L			
0	2				
0					
0					
o					
0					
0					
0 <mark>1000</mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m
11650.00	Average	24.17	22.45	46.62	54.00
11650.00	Peak	34.10	22.45	56.55	74.00

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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	:5190 MHz	Temp./Humi.	:21.7/52
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 90 80 70 10 10 10 10 10 10 10 10 10 1	
60 1 50	
50 40 30 20	
40 30 20	
30	
20	
10	
0 1000 8800. 16600. 24400. 32200. 40000 Frequency (MHz)	
	Margin
ModeReading LevelFS@3mMHzPK/QP/AVdBµVdBdBµV/mdBµV/m	dB
10380.00 Peak 37.02 20.61 57.63 68.20	

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Level (dBuV/m)

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Margin

dB

-10.56

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
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
EUT Pol	:E2 Plane	Engineer	:Ricky

0380.00	Peak	37.03	20.61	57.64	68.20
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m
Freq.	Detector	Spectrum	Factor	Actual	Limit
°1000	8800.	16600. Frequency (MHz	24400. 2)	32200.	40000
0					
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) 					
╕╫┠╝╟┞╝┠╴╴║╶╷╟╴╴	╶╌╛╴╽╴ᡶ _╴ ╢┨╶╌╹╴╴╴╴┥╴╢╴		1-1-1		
)					
•					

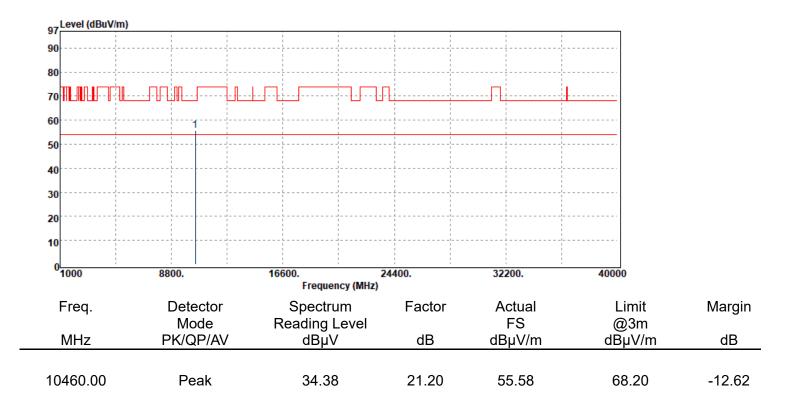
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-01-11
Test Frequency	:5230 MHz	Temp./Humi.	:21.7/52
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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Level (dBuV/m)

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Margin

dB

-12.80

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

7 Lever (aBuv/m)		· · ·			
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0					
0 <mark>1000</mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Lim
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3⊧ dBµ∖
	_				
0460.00	Peak	34.20	21.20	55.40	68.2

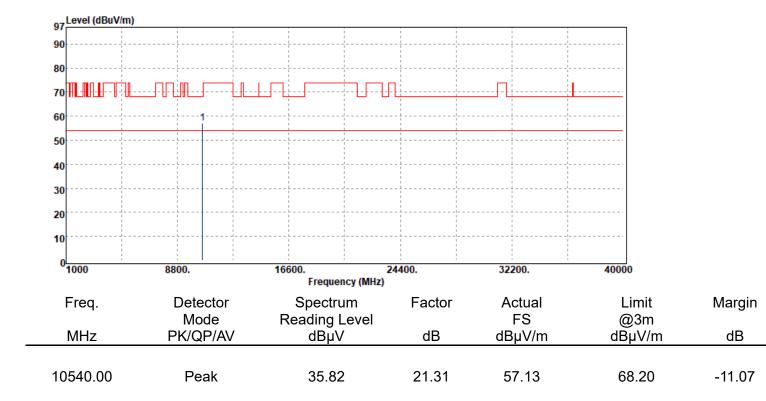
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Report No.: ER/2020/B0047 Page: 288 of 455

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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Report No.: ER/2020/B0047 Page: 289 of 455

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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
80						
70						
60	1	· · · · · · · · · · · · · · · · · · ·			 	
50					 	
40					 	
30					1 	
20					, , , , , , , , , , , , , , , , , , , ,	
10						
0 <mark></mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
10540.00	Peak	36.15	21.31	57.46	68.20	-10.74

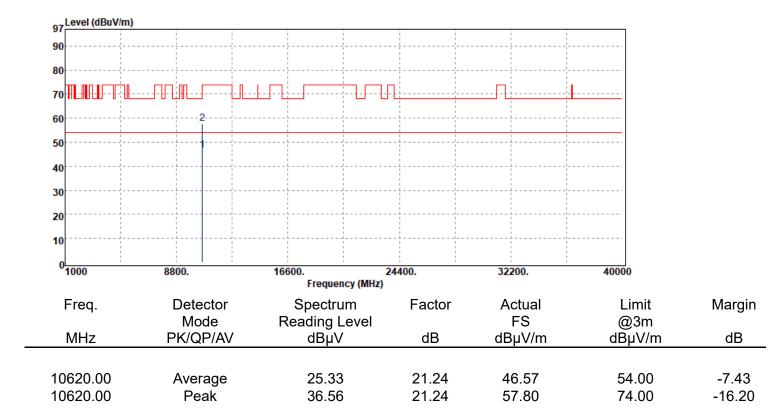
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Report No.: ER/2020/B0047 Page: 290 of 455

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

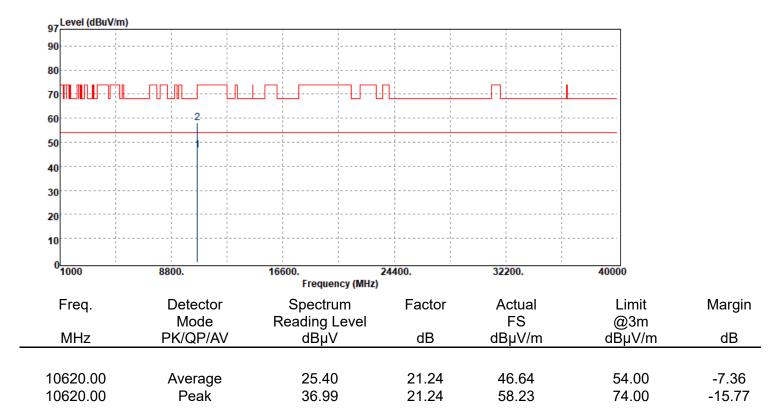


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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-01-11
Test Frequency	:5310 MHz	Temp./Humi.	:21.7/52
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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Report No.: ER/2020/B0047 Page: 292 of 455

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

97 Level (dBuV/m))					
90						
B0						
70 <mark> _ </mark> <u> </u> - - -		<u>+-</u>				
50	2					
50			· · · · · · · · · · · · · · · · · · ·			
40			· · · · · · · · · · · · · · · · · · ·			
30			·			
20						
0						
0	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margir
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
14000 00	A	04.04	00.05	47.40	54.00	0.54
11020.00 11020.00	Average Peak	24.61 36.13	22.85 22.85	47.46 58.98	54.00 74.00	-6.54 -15.02

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Margin

dB

-4.12

-14.22

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

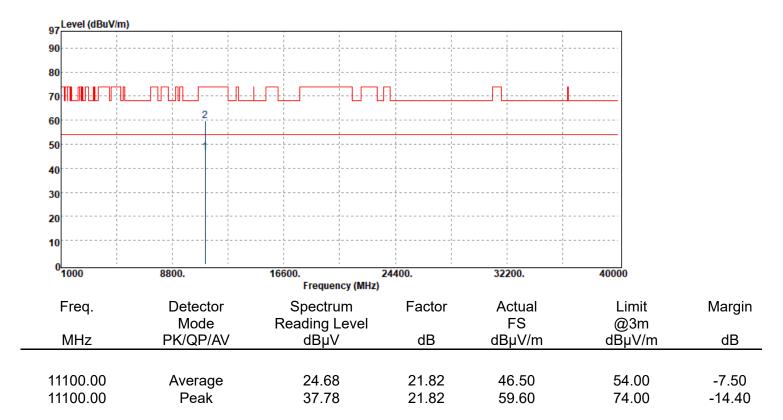
97 Level (dBuV/m)					
97					
0					
○ ┨ └╢ ┠ <u>╊</u> ╴╴┠╴╢ <u>╴</u>		<u>+-</u>			
0	2				
i0					
10					
0					
0					
10					
0 <mark>1000</mark>	8800.	16600. Frequency (MHz	24400.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/n
11020.00	Average	35.77	14.11	49.88	54.00
11020.00	Peak	45.67	14.11	59.78	74.00

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

97 Level (dBuV/m)						
97 90						
80						
70		L-IL-II				
60	2					
50						
40						
30		JJ				
20						
10						
0 <mark></mark> 1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
11100.00	Average	24.92	21.82	46.74	54.00	-7.26
11100.00	Peak	38.34	21.82	60.16	74.00	-13.84

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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	:5670 MHz	Temp./Humi.	:21.7/52
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90			· 	·		
80				· · · · · · · · · · · · · · · · · · ·		
70 <mark> . </mark> - - - -			L			
60	2			·		
50			· · · · · · · · · · · · · · · · · · ·			
40						
30						
20						
10						
0 <mark>1000</mark>	8800.	16600. Frequency (MHz	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
11340.00	Average	24.71	22.34	47.05	54.00	-6.95
11340.00	Peak	36.62	22.34	58.96	74.00	-15.04

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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	:5670 MHz	Temp./Humi.	:21.7/52
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
97 90						
80					· · · · · · · · · · · · · · · · · · ·	
70		<u> </u>	1-1-1		- <mark>-</mark>	
60	2					
50		·				
40						
30						
20						
10						
0 <mark></mark> 1000	8800.	16600. Frequency (MHz	24400. !)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
11340.00	Average	24.94	22.34	47.28	54.00	-6.72
11340.00	Peak	37.11	22.34	59.45	74.00	-14.55

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Report No.: ER/2020/B0047 Page: 298 of 455

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

97 Level (dBuV/m)						
90						
80						
70		L	_			
60	2					
50		· · · · · · · · · · · · · · · · · · ·				
40						
30						
20						
10						
0 <mark>1000</mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margir
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11420.00	Average	24.48	22.44	46.92	54.00	-7.08
11420.00	Peak	35.77	22.44	58.21	74.00	-15.79

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Loval (dDu\//m)

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Margin

dB

-6.84

-15.61

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

7 Level (dBuV/m)					
0					
0					
₀ ╷╷╷╷╷╷╷╷╷╷		_ <u></u>			
0	2				
0					
0					
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D					
o					
0 <mark></mark>	8800.	16600. Frequency (MH	24400. iz)	32200.	40000
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m
1420.00	Average	24.72	22.44	47.16	54.00
1420.00	Peak	35.95	22.44	58.39	74.00

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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	:5755 MHz	Temp./Humi.	:21.7/52
Test Mode	:Tx CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
97						
30			·			
70 <mark>-111-11</mark> 2-11-1						
50	2		·			
50						
10						
0			· · · · · · · · · · · · · · · · · · ·			
0						
0						
0	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual FS	Limit	Margir
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	rs dBµV/m	@3m dBµV/m	dB
11510.00	Average	23.89	23.13	47.02	54.00	-6.98
11510.00	Peak	38.17	23.13	61.30	74.00	-12.70

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Margin

dB

-6.69

-13.02

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)					
97					
30					
70 <mark> _ </mark>		L			
50	2				
i0					
0					
0					
20					
10					
01000	8800 .	16600. Frequency (MI	24400. iz)	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m
11510.00	Average	24.18	23.13	47.31	54.00
11510.00	Peak	37.85	23.13	60.98	74.00

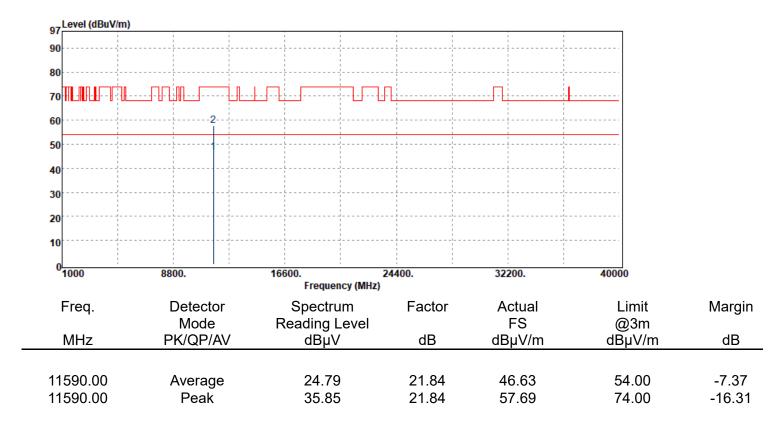
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax40 RU full	Test Date	:2021-01-11
Test Frequency	:5795 MHz	Temp./Humi.	:21.7/52
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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Loval (dDu\//m)

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Margin

dB

-7.11

-15.47

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

7 Level (dBuV/m)					;]
0					
o					
0	2				
0					
o					1 1
, 					1
p					
o					
0 <mark></mark>	8800.	16600. Frequency	24400. (MHz)	32200.	40000
Freq.	Detector Mode	Spectrum Reading Lev	Factor	Actual FS	Limit @3m
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m
1590.00	Average	25.05	21.84	46.89	54.00
1590.00	Peak	36.69	21.84	58.53	74.00

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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

97						
90						
80						
70						
60	1					
50					· · · · · · · · · · · · · · · · · · ·	
40						
30						
20						
10						
0 1000	8800.	16600. Frequency (N	24400. IHz)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Leve dBµV	el dB	FS dBµV/m	@3m dBµV/m	dB
40400.00	5 .	04.57	00.07		~~~~	40.70
10420.00	Peak	34.57	20.87	55.44	68.20	-12.76

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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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
90						
80						
70						
60	1					
50						
40						
30						
20						
10						
0 <mark></mark> 1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
10420.00	Peak	34.64	20.87	55.51	68.20	-12.69

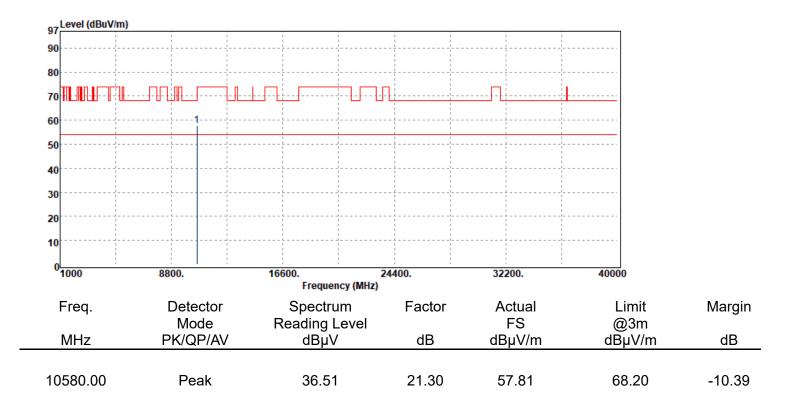
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax80 RU full	Test Date	:2021-01-11
Test Frequency	:5290 MHz	Temp./Humi.	:21.7/52
Test Mode	:Tx CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



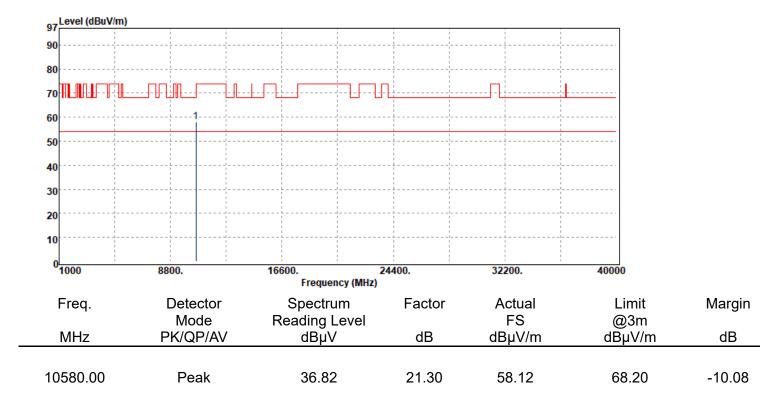
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax80 RU full	Test Date	:2021-01-11
Test Frequency	:5290 MHz	Temp./Humi.	:21.7/52
Test Mode	:Tx CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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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

97 Level (dBuV/m)						
90		· · · · · · · · · · · · · · · · · · ·				
80						
			-			
0	2					
50						
10						
0		· · · · · · · · · · · · · · · · · · ·				
0						
0						
0 <mark></mark>	8800.	16600. Frequency (MHz)	24400.	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
14000 00	A	04.70	00.04	40.70	54.00	7.07
11060.00 11060.00	Average Peak	24.72 36.03	22.01 22.01	46.73 58.04	54.00 74.00	-7.27 -15.96
1000.00	i oun	00.00	22.01	00.01	14.00	10.00

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Margin

dB

-7.08

-15.45

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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)					
97					
30					
					<u>.</u>
0	2				
i0					
10					
30			· · · · · · · · · · · · · · · · · · ·		
20					
10					
0 <mark>1000</mark>	8800.	16600. Frequency (MI	24400. iz)	32200.	40000
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/r
			22 2 4		= 4 0 0
11060.00	Average	24.91	22.01	46.92	54.00
11060.00	Peak	36.54	22.01	58.55	74.00

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Loval (dDu\//m)

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Margin

dB

-7.03 -15.64

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

7 Level (dBuV/m)					
0			· · · · · · · · · · · · · · · · · · ·		
30					
70 <mark>- </mark>		+			.
50	2				
50					
10					
0					
20					
0					
⁰ 1000	8800.	16600. Frequency (N	24400. /Hz)	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
	Mode	Reading Leve		FS	@3m
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m
11220.00	Average	24.88	22.09	46.97	54.00
11220.00	Peak	36.27	22.09	58.36	74.00

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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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)						
97						
80						
70		<u></u>	1			
60	2					
50						
40						
30						
20						
10						
0 1000	8800.	16600. Frequency (MHz	24400. .)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
11220.00	Average	25.03	22.09	47.12	54.00	-6.88
11220.00	Peak	37.13	22.09	59.22	74.00	-14.78

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Margin

dB

-6.92 -14.89

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

97 Level (dBuV/m)		· · · · ·			
90					
30					
			P		
50	2				
0				· · · · · · · · · · · · · · · · · · ·	
0					
0					
0					
0					
0	8800.	16600. Frequency (MHz)	24400.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m
11380.00	Average	24.80	22.28	47.08	54.00
11380.00	Peak	36.83	22.28	59.11	74.00

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Margin

dB

-6.71 -15.17

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)					
90					
30					
i0	2				
0					
0					
0					
0					
0					
0	8800.	16600. Frequency (MHz)	24400.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/n
11380.00	Average	25.01	22.28	47.29	54.00
11380.00	Peak	36.55	22.28	58.83	74.00

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Margin

dB

-7.36 -16.94

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

97 Level (dBuV/m)					
90			· · · · · · · · · · · · · · · · · · ·		
30					
70-11 - 1 - 1 - 1 - 1 - 1		L-I-L			
50	2				
50					
10					
30					
20					
10					
0 ¹ 1000	8800.	16600. Frequency (MHz)	24400.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m
11550.00	Average	24.46	22.18	46.64	54.00
11550.00	Peak	34.88	22.18	57.06	74.00

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Margin

dB

-7.05 -16.14

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
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.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

97 Level (dBuV/m)					
90					
30					
50	2	· · · · · · · · · · · · · · · · · · ·			
i0					
10					
0		· · · · · · · · · · · · · · · · · · ·			
20					
0					
0	8800.	16600. Frequency (MHz)	24400.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m
11550.00	Average	24.77	22.18	46.95	54.00
11550.00	Peak	35.68	22.18	57.86	74.00

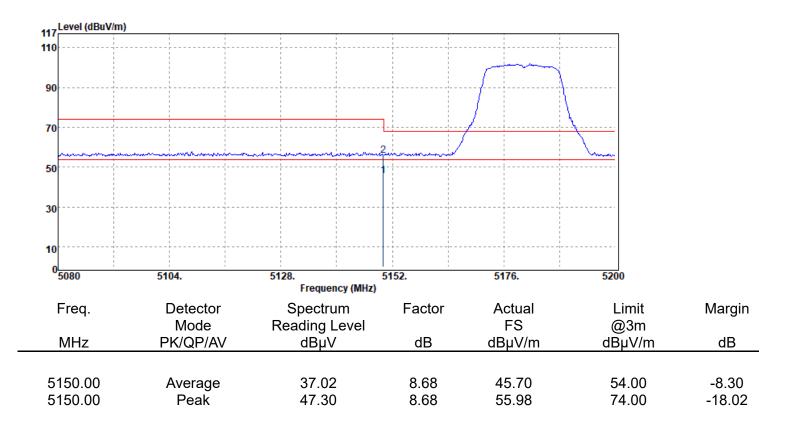
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11.7.3 Band edge falling to restricted band

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2020-12-03
Test Frequency	:5180 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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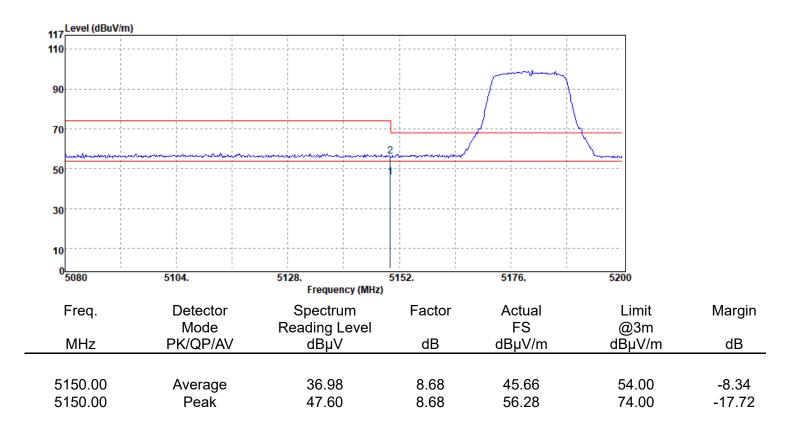
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2020-12-03
Test Frequency	:5180 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



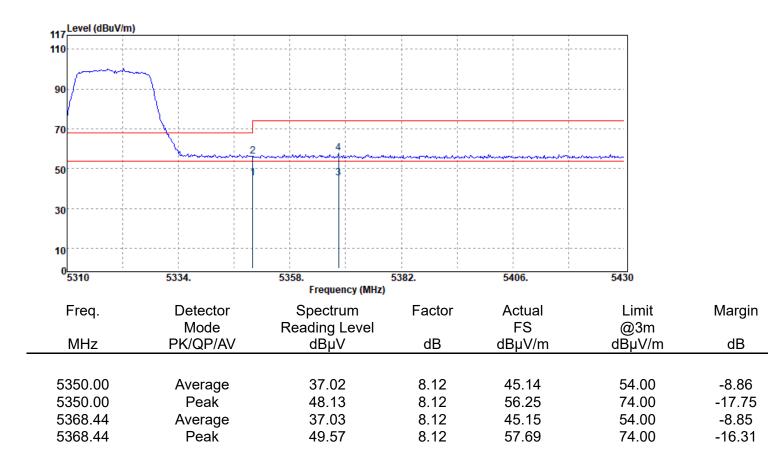
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2020-12-03
Test Frequency	:5320 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



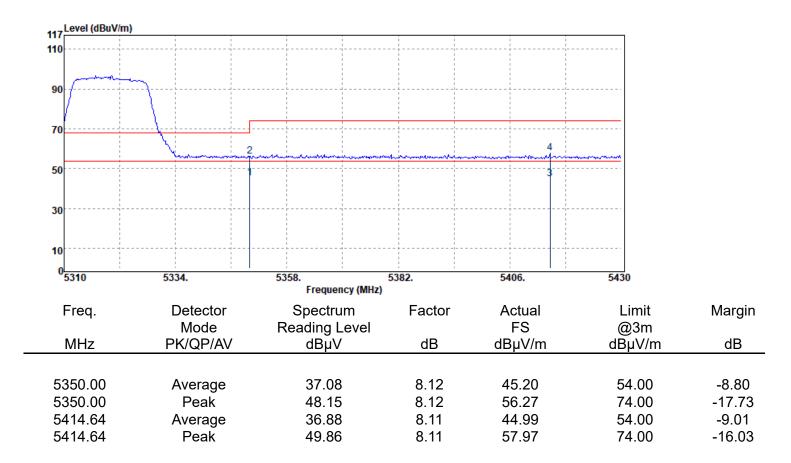
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2020-12-03
Test Frequency	:5320 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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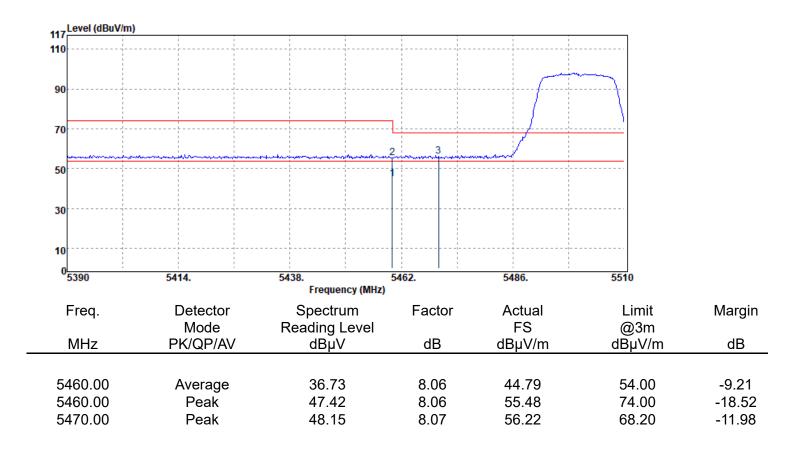
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2020-12-03
Test Frequency	:5500 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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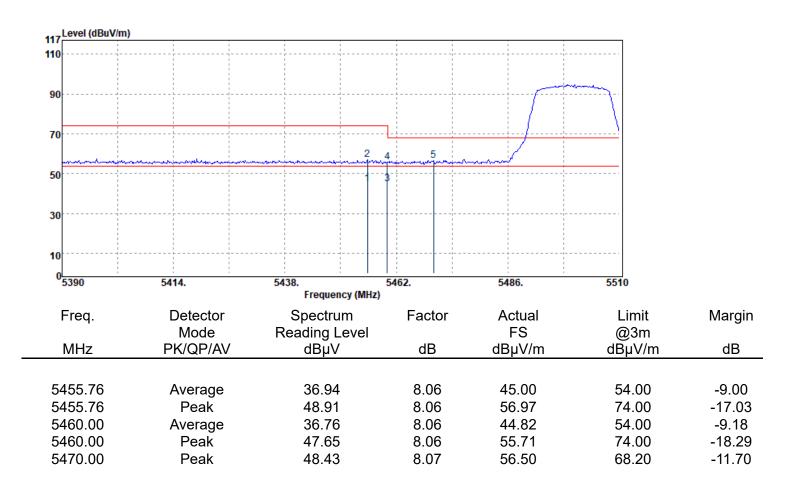
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2020-12-03
Test Frequency	:5500 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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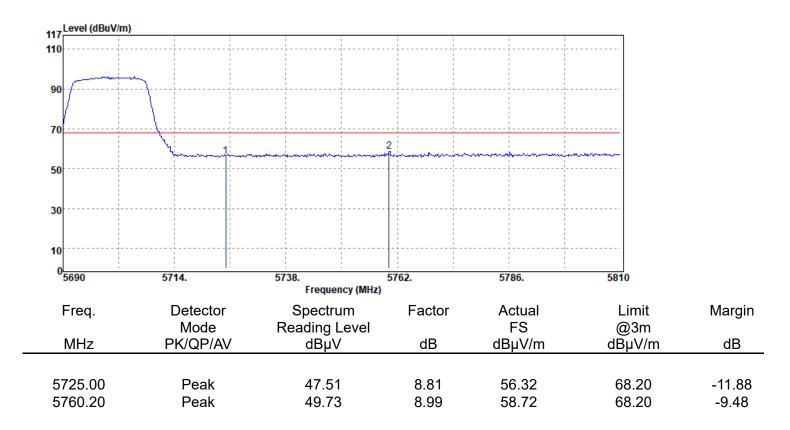
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2020-12-03
Test Frequency	:5700 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

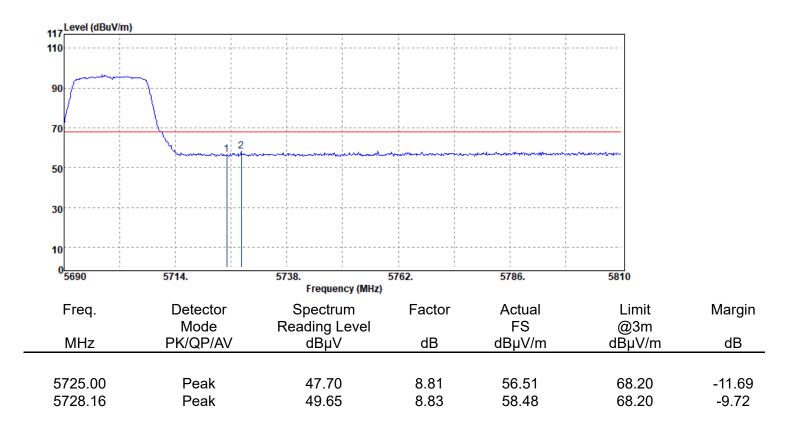


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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2020-12-03
Test Frequency	:5700 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



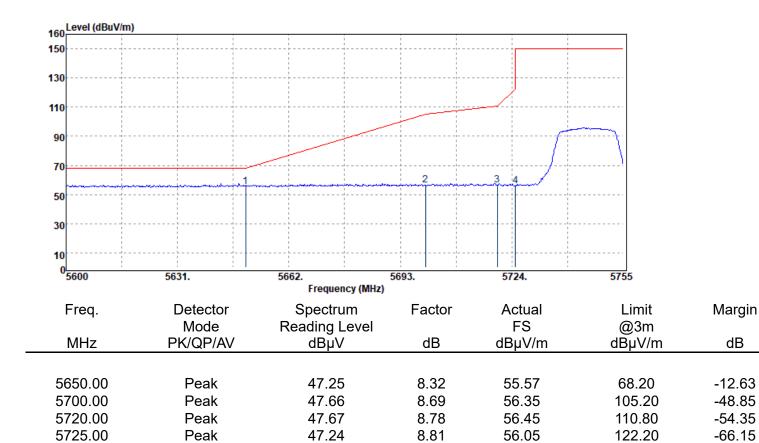
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2020-12-03
Test Frequency	:5745 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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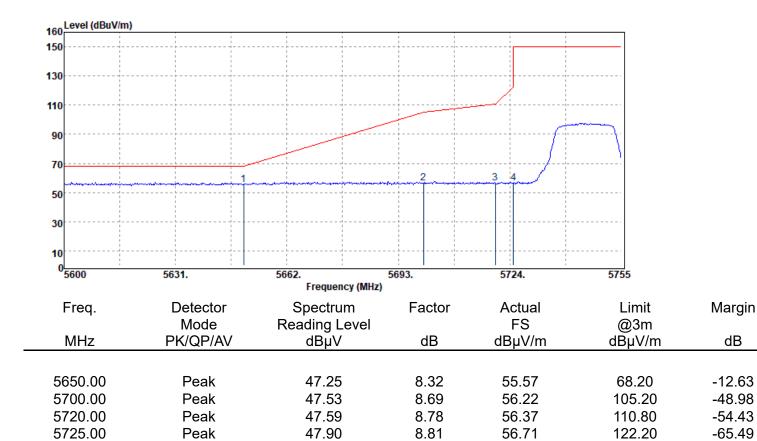
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2020-12-03
Test Frequency	:5745 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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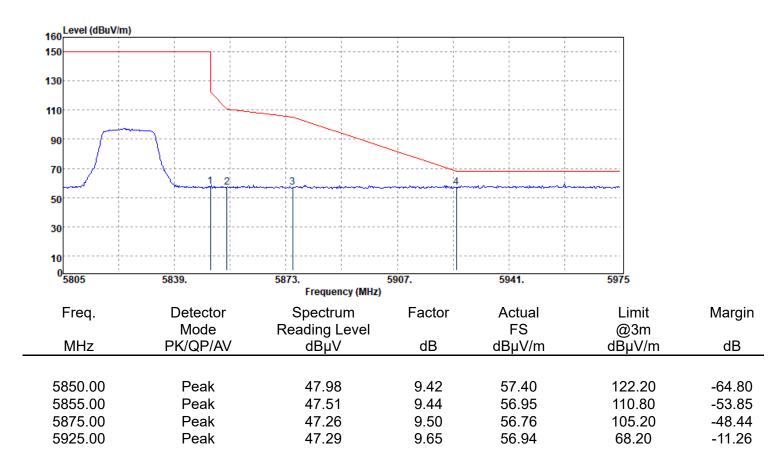
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2020-12-03
Test Frequency	:5825 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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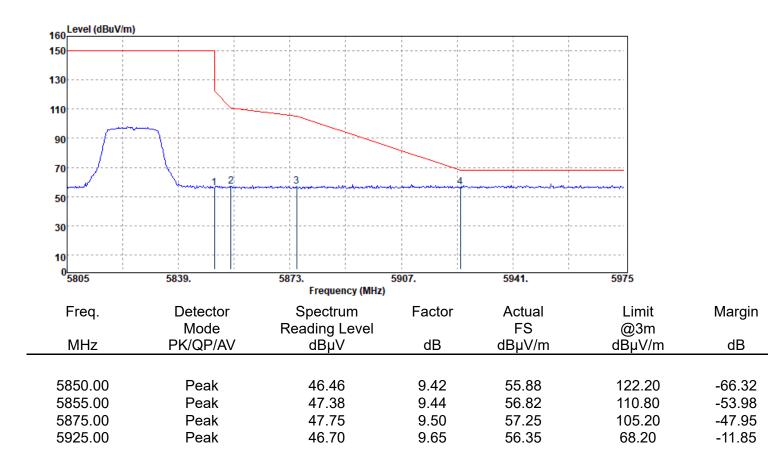
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11a	Test Date	:2020-12-03
Test Frequency	:5825 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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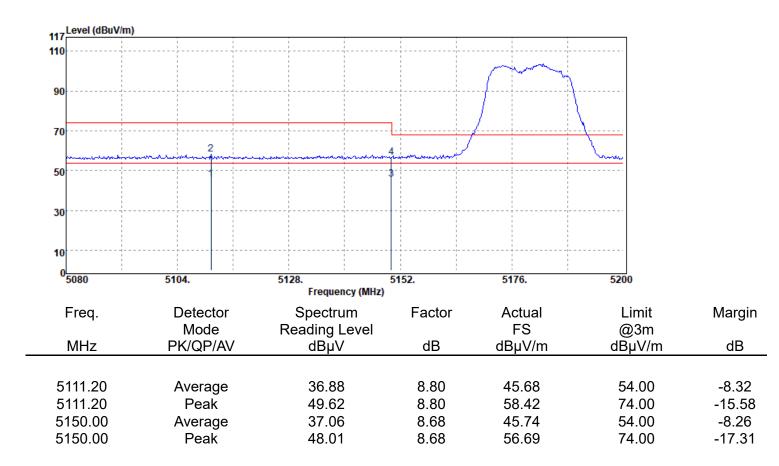
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2020-12-03
Test Frequency	:5180 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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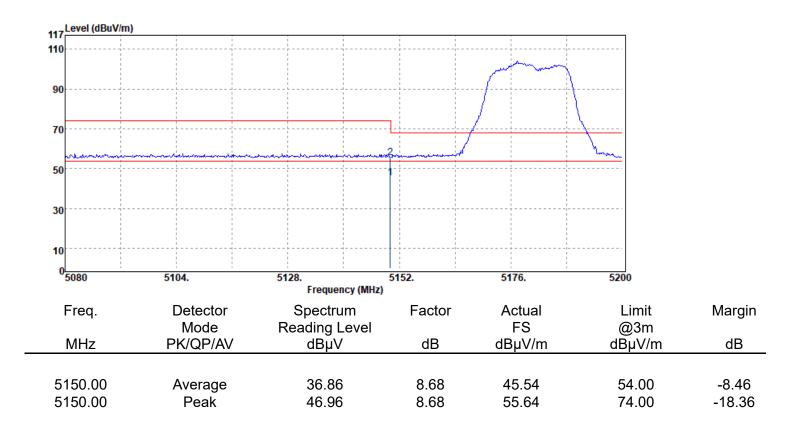
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2020-12-03
Test Frequency	:5180 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



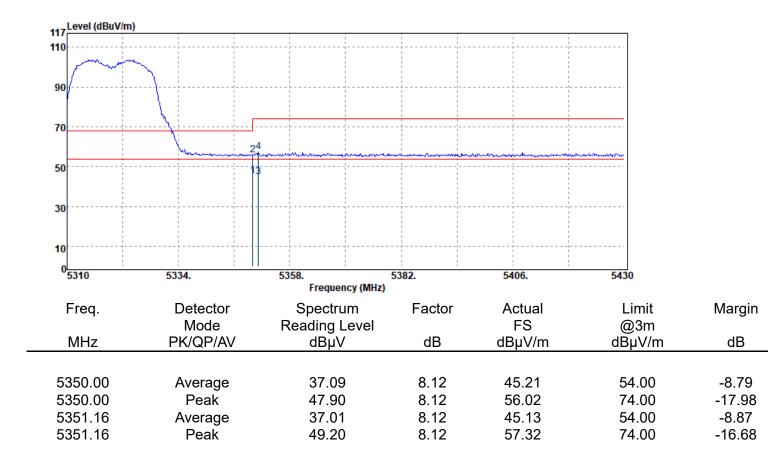
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2020-12-03
Test Frequency	:5320 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



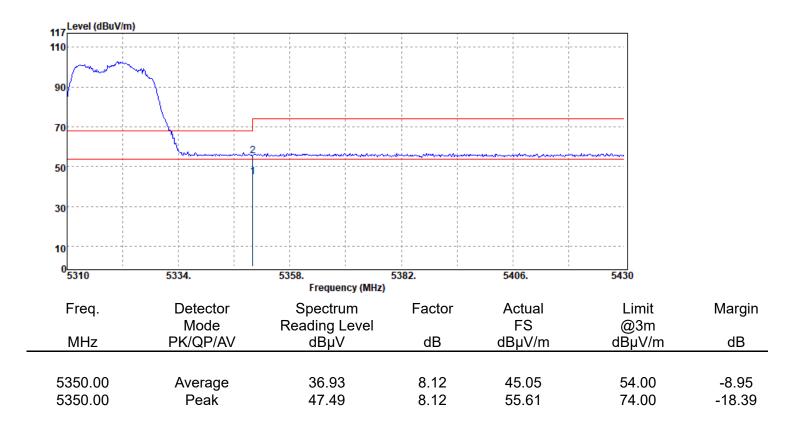
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2020-12-03
Test Frequency	:5320 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

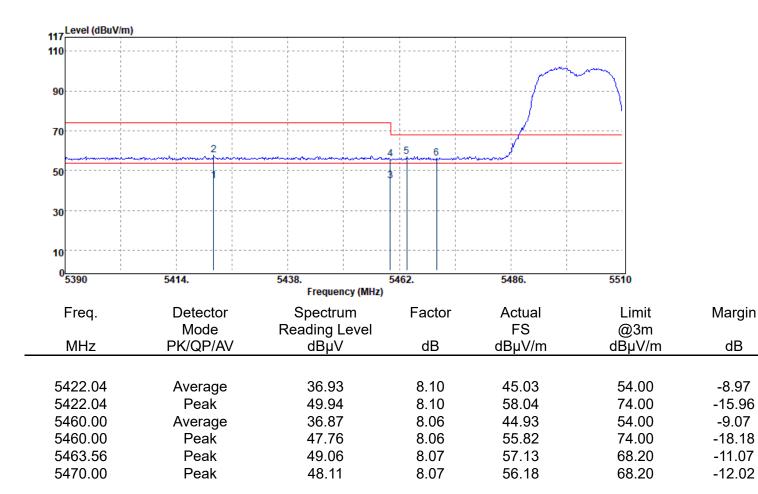


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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2020-12-03
Test Frequency	:5500 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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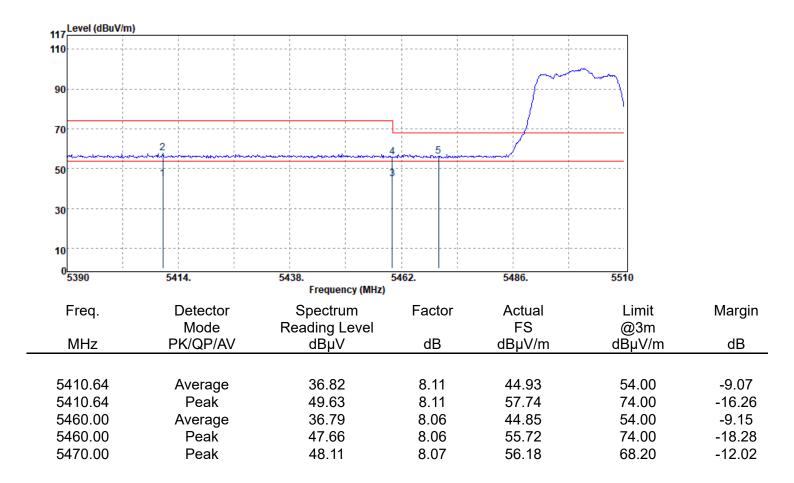
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2020-12-03
Test Frequency	:5500 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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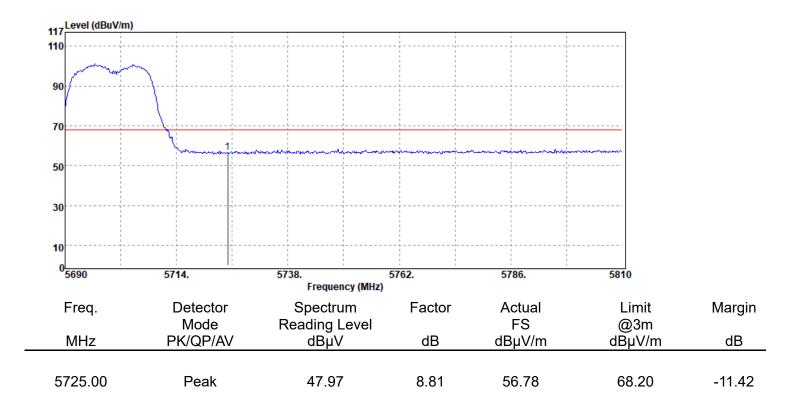
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2020-12-03
Test Frequency	:5700 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

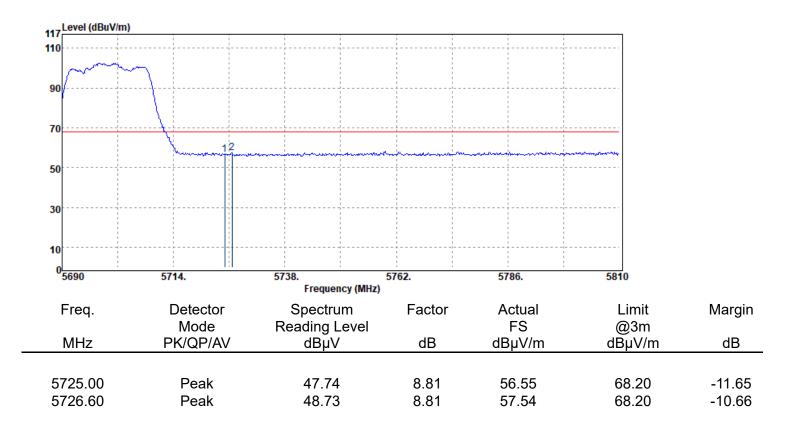


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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2020-12-03
Test Frequency	:5700 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

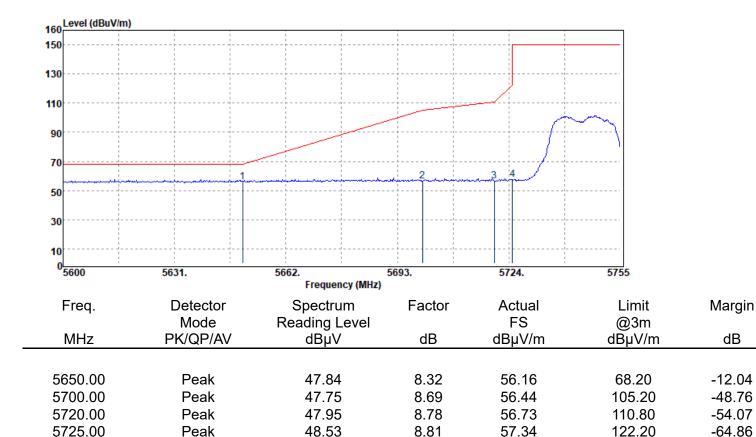


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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2020-12-03
Test Frequency	:5745 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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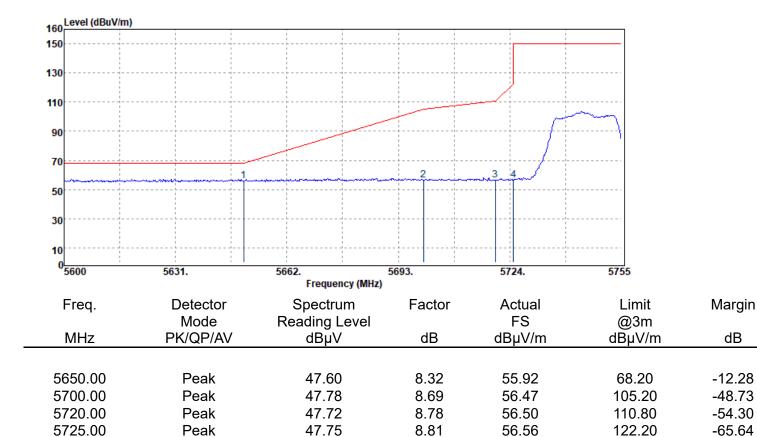
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2020-12-03
Test Frequency	:5745 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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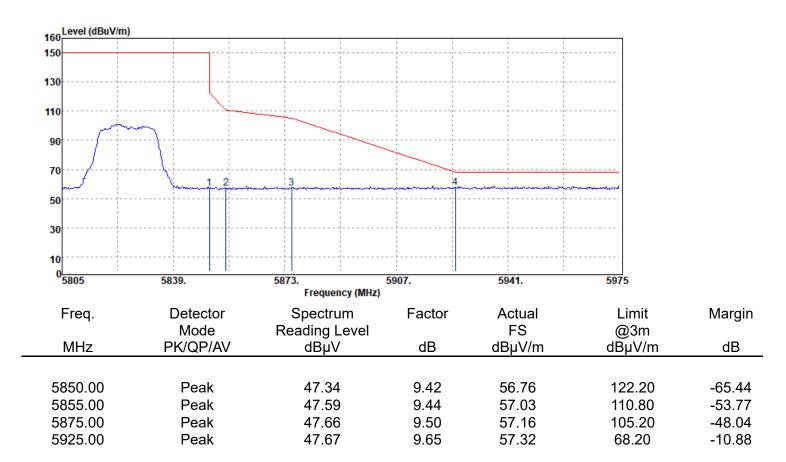
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2020-12-03
Test Frequency	:5825 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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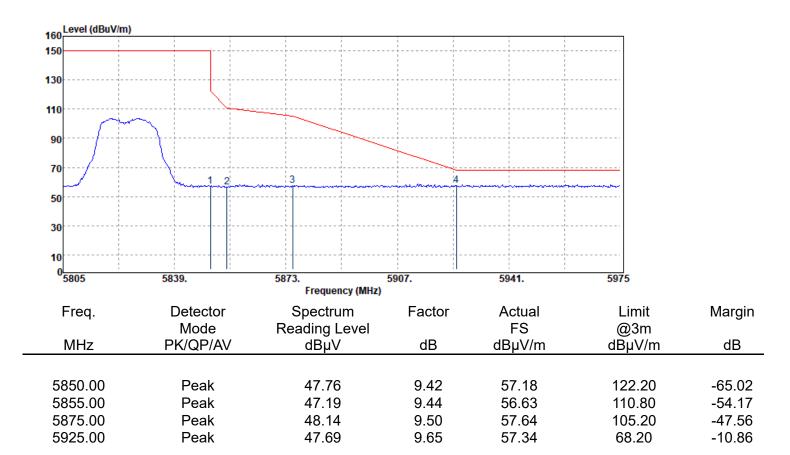
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n20	Test Date	:2020-12-03
Test Frequency	:5825 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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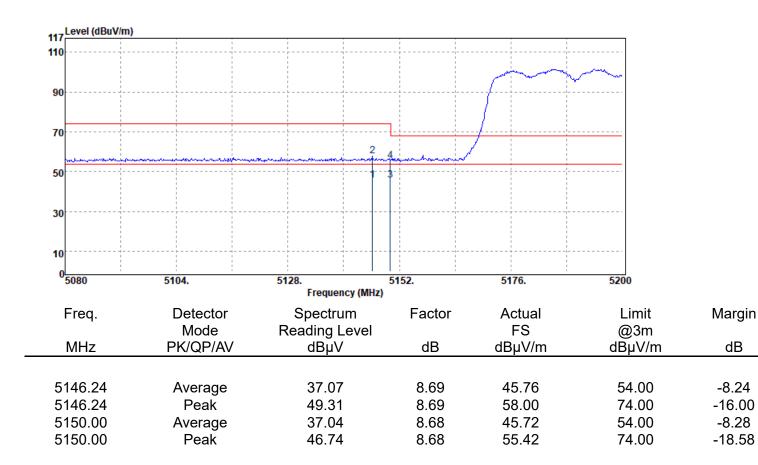
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2020-12-03
Test Frequency	:5190 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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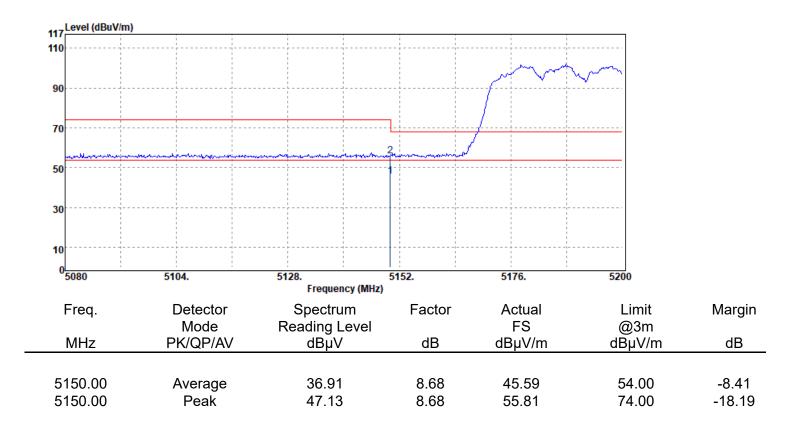
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2020-12-03
Test Frequency	:5190 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



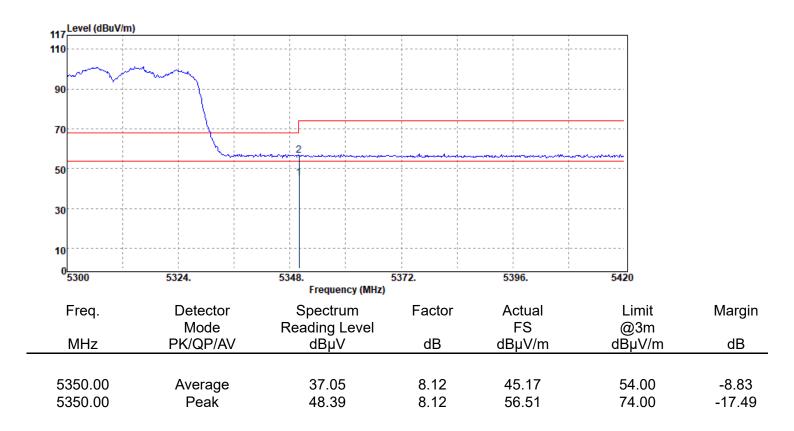
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2020-12-03
Test Frequency	:5310 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



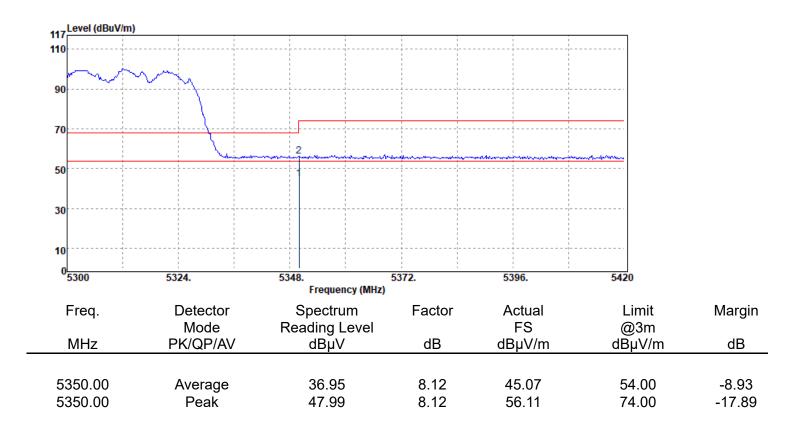
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2020-12-03
Test Frequency	:5310 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



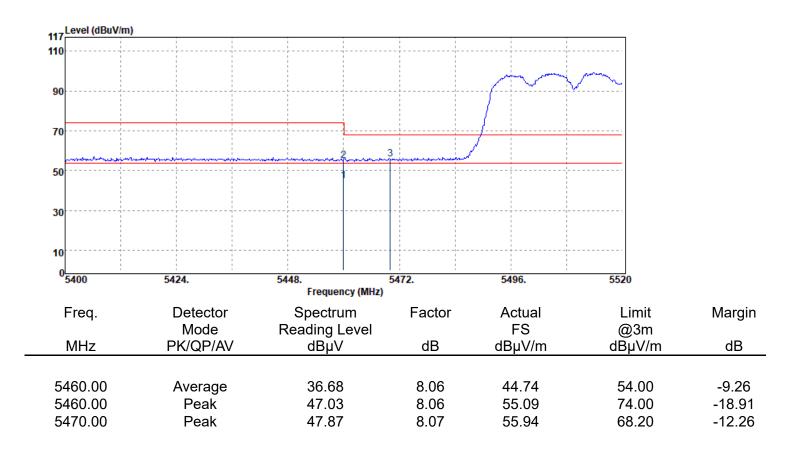
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2020-12-03
Test Frequency	:5510 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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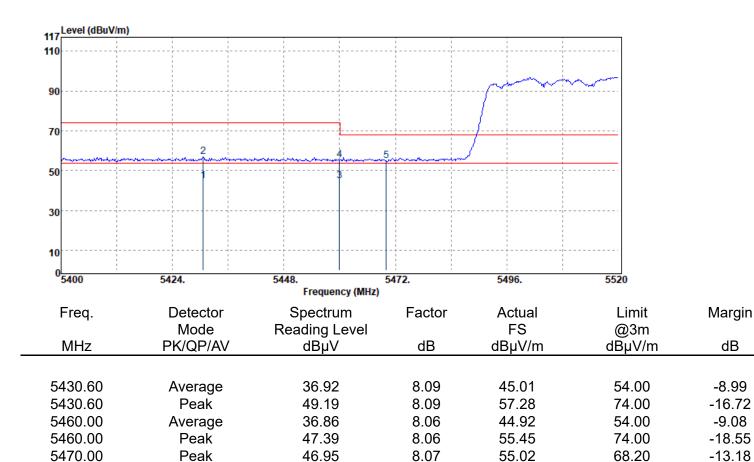
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2020-12-03
Test Frequency	:5510 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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-8.99

-16.72

-9.08

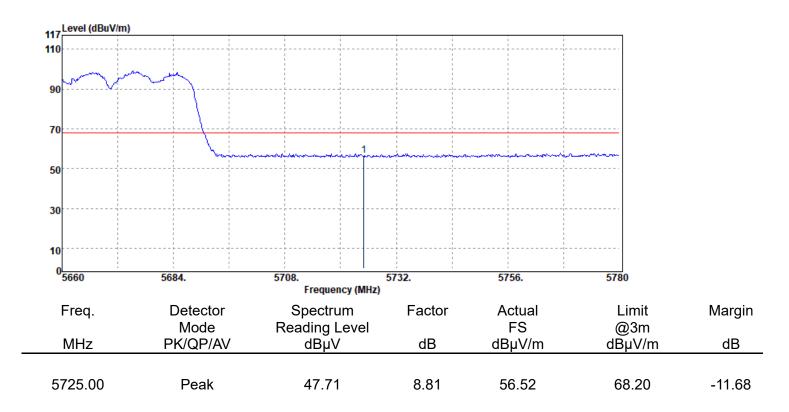
-18.55

-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



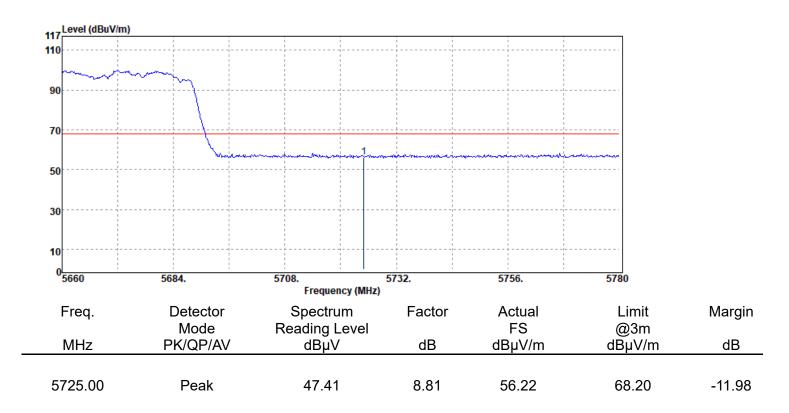
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2020-12-03
Test Frequency	:5670 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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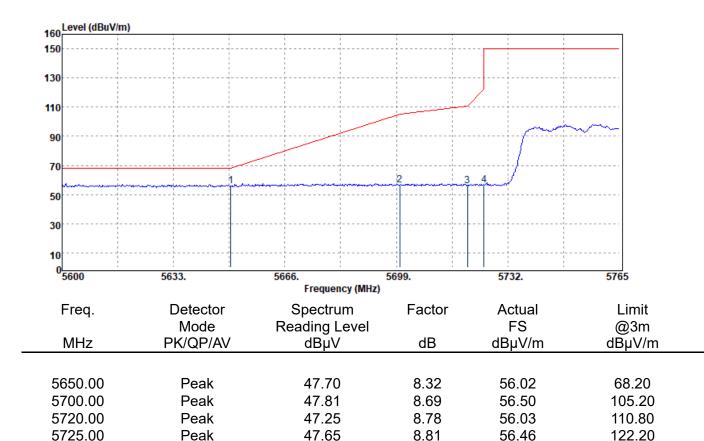
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-48.70

-54.77

-65.74

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2020-12-03
Test Frequency	:5755 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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Margin

dB

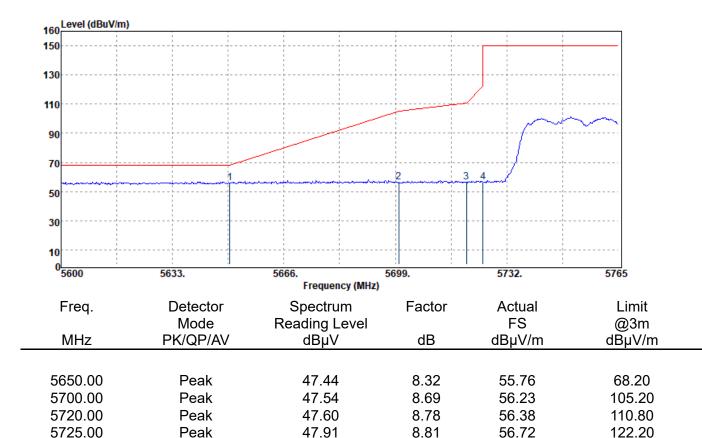
-12.44

-48.97

-54.42

-65.48

Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2020-12-03
Test Frequency	:5755 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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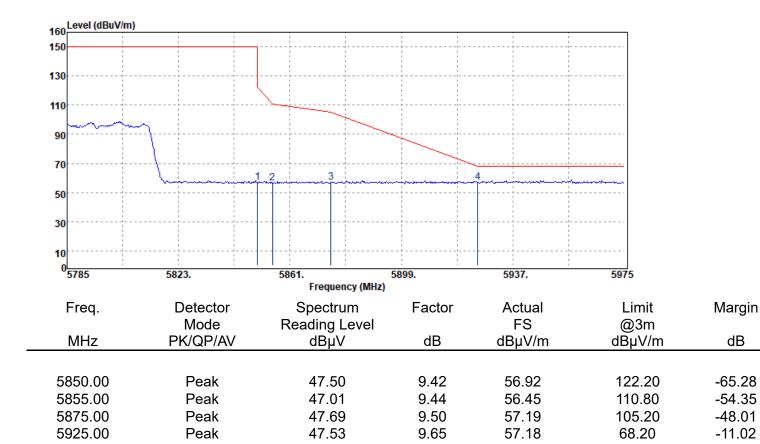
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2020-12-03
Test Frequency	:5795 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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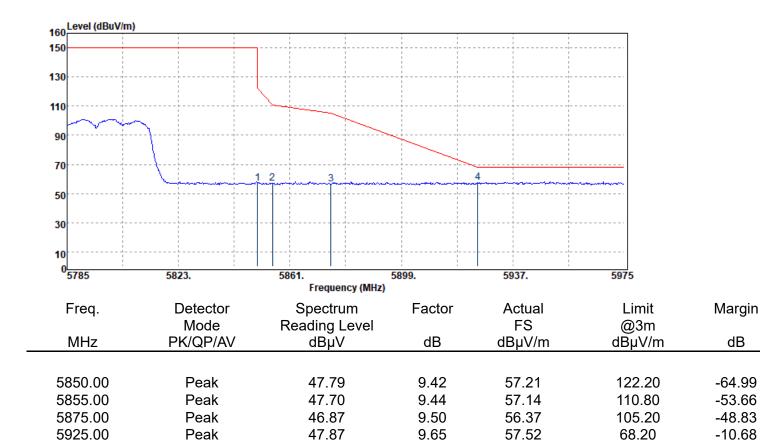
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11n40	Test Date	:2020-12-03
Test Frequency	:5795 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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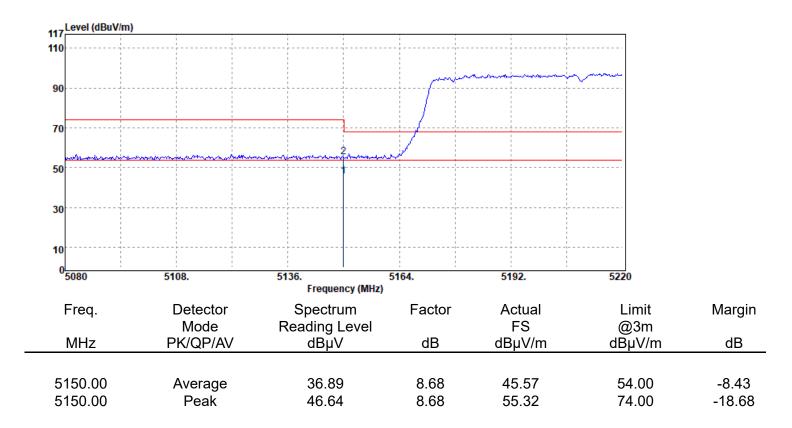
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2020-12-03
Test Frequency	:5210 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

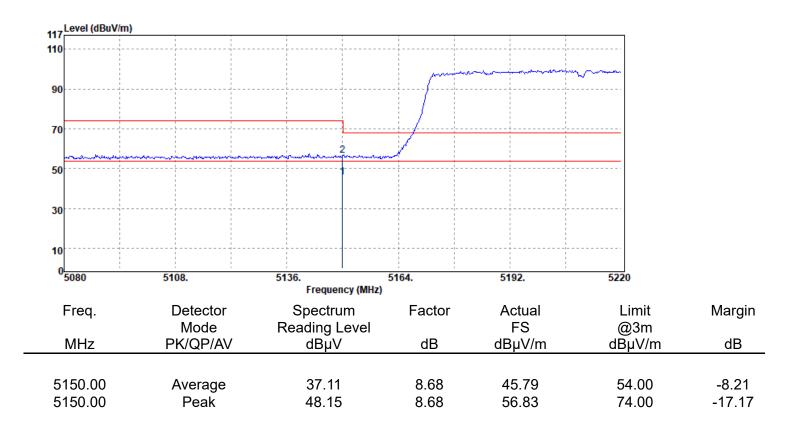


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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2020-12-03
Test Frequency	:5210 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

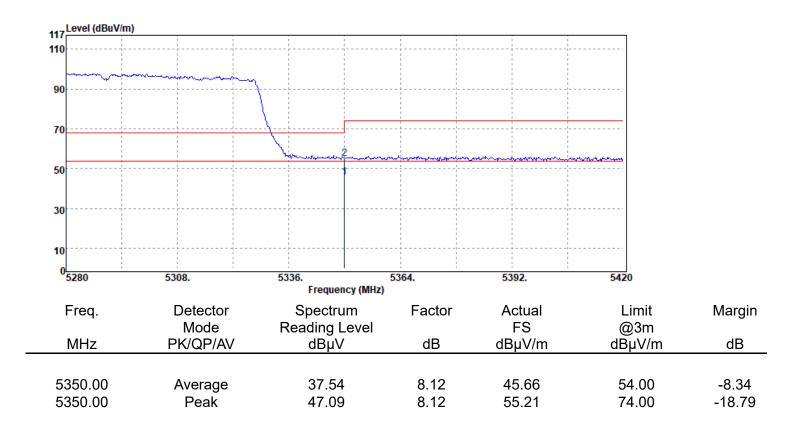


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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2020-12-03
Test Frequency	:5290 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



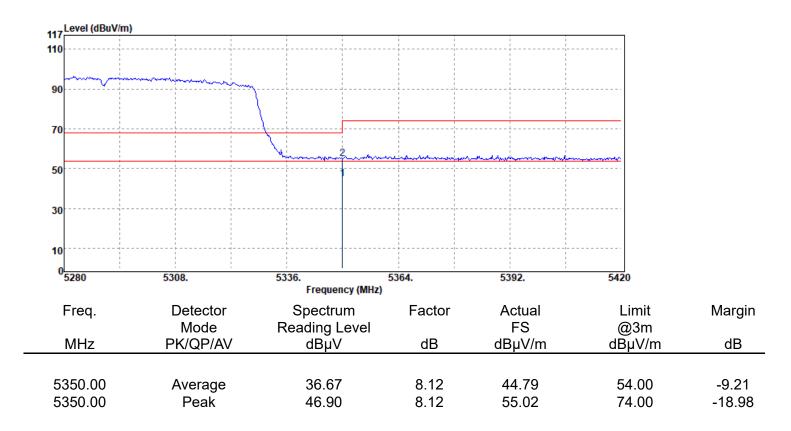
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2020-12-03
Test Frequency	:5290 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

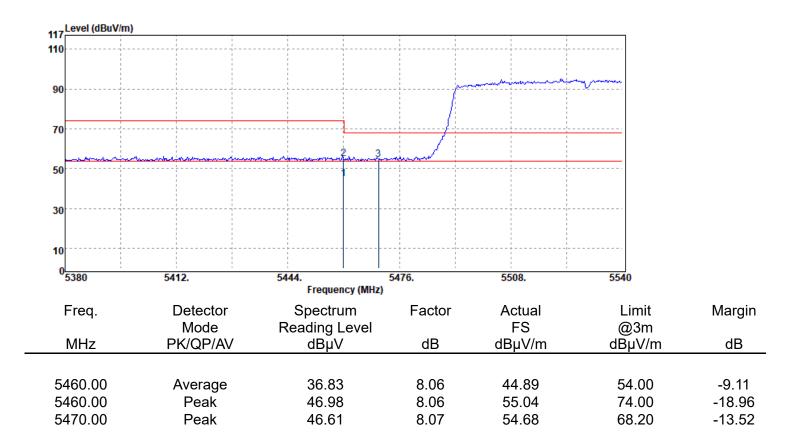


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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2020-12-03
Test Frequency	:5530 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



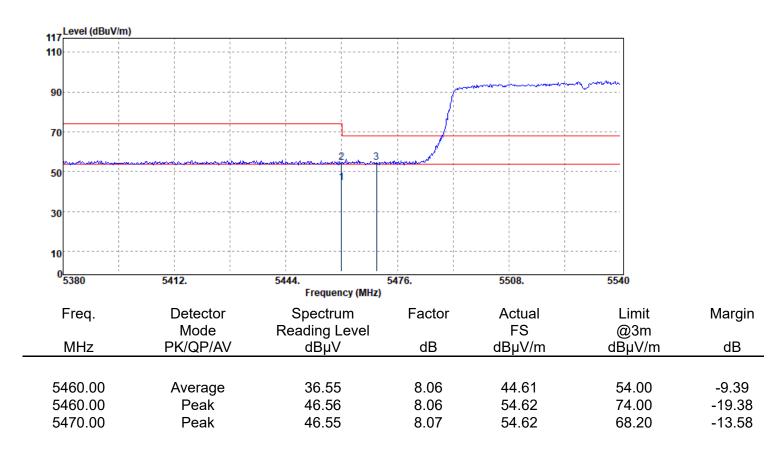
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2020-12-03
Test Frequency	:5530 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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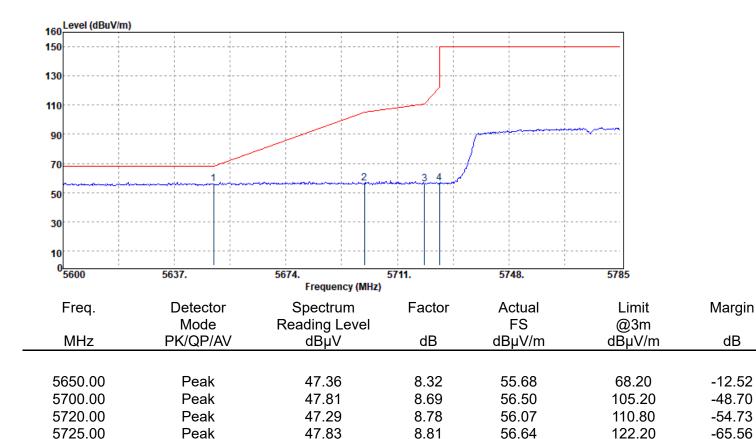
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2020-12-03
Test Frequency	:5775 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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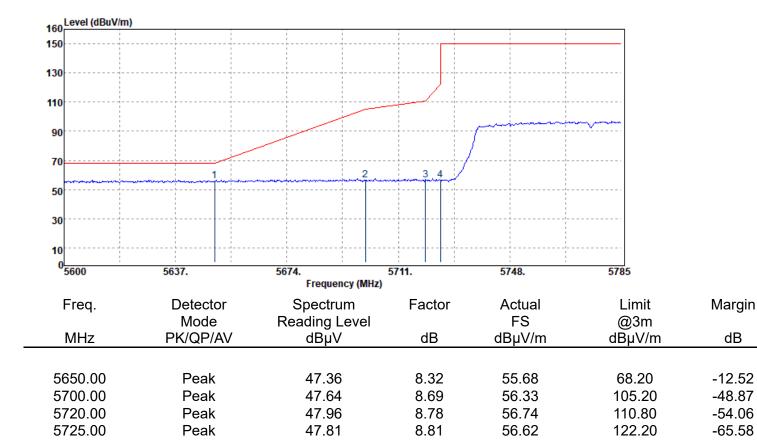
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2020-12-03
Test Frequency	:5775 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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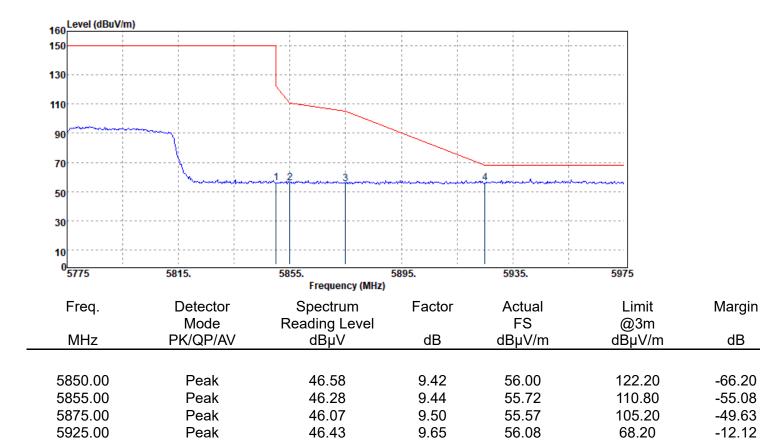
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2020-12-03
Test Frequency	:5775 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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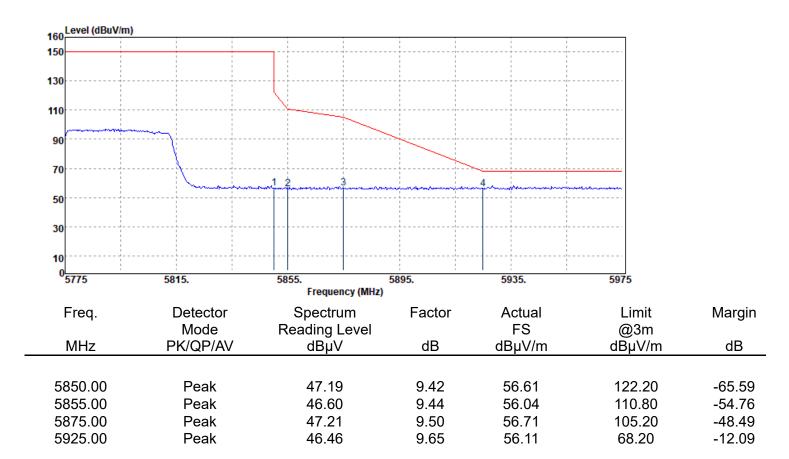
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ac80	Test Date	:2020-12-03
Test Frequency	:5775 MHz	Temp./Humi.	:23/58
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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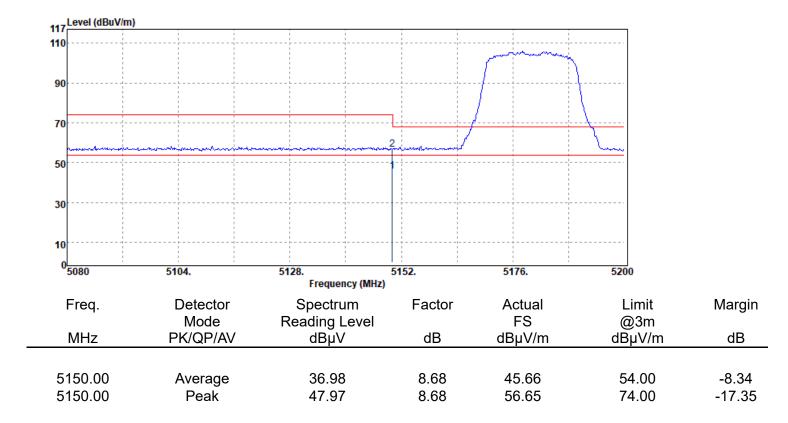
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2020-12-04
Test Frequency	:5180 MHz	Temp./Humi.	:22.5/60
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Nick

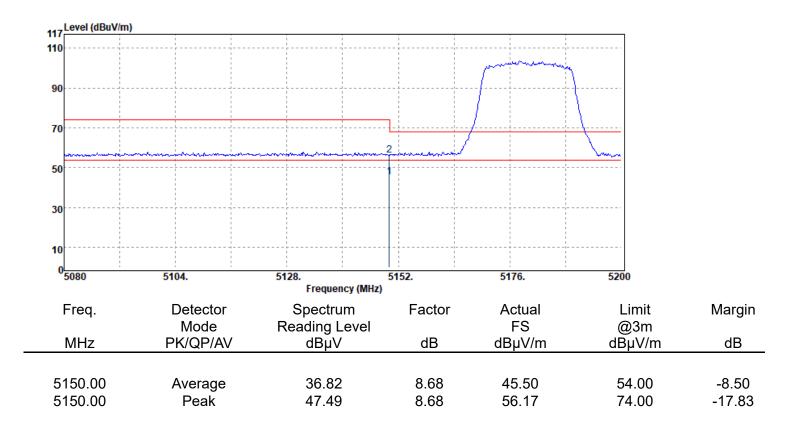


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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2020-12-04
Test Frequency	:5180 MHz	Temp./Humi.	:22.5/60
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Nick

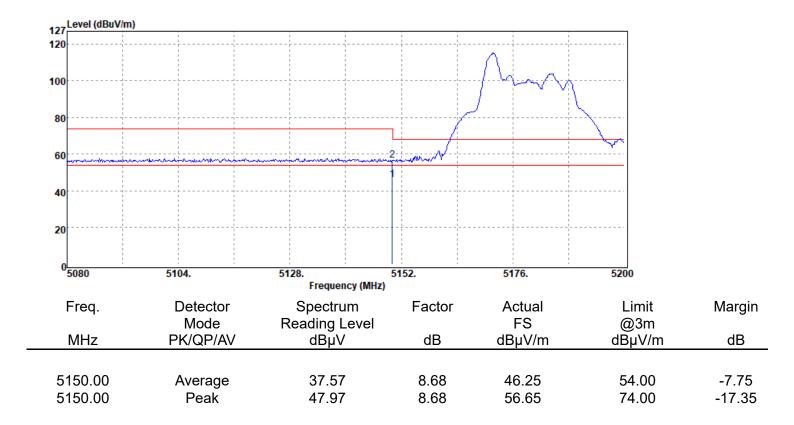


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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU 26/0	Test Date	:2021-01-05
Test Frequency	:5180 MHz	Temp./Humi.	:20.5/60
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

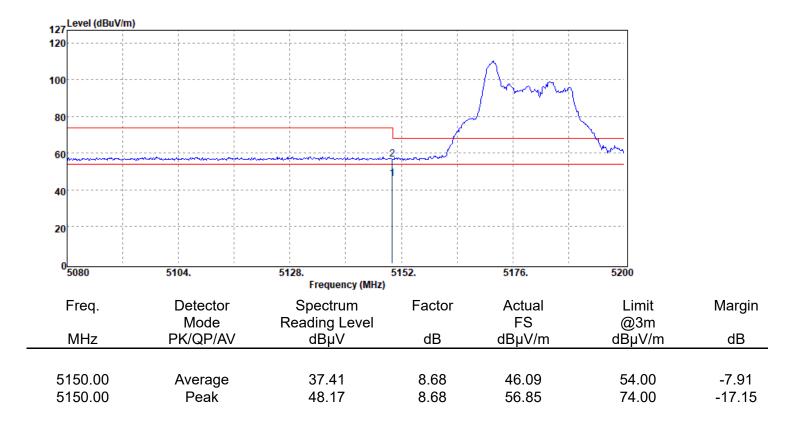


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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU 26/0	Test Date	:2021-01-05
Test Frequency	:5180 MHz	Temp./Humi.	:20.5/60
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



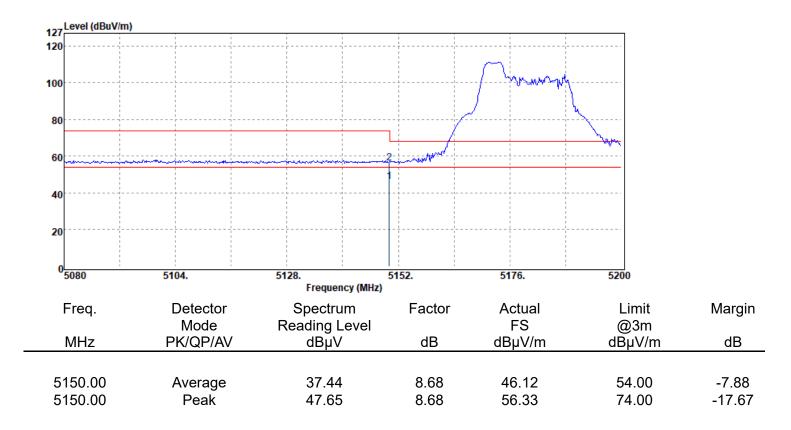
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU 52/37	Test Date	:2021-01-05
Test Frequency	:5180 MHz	Temp./Humi.	:20.5/60
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

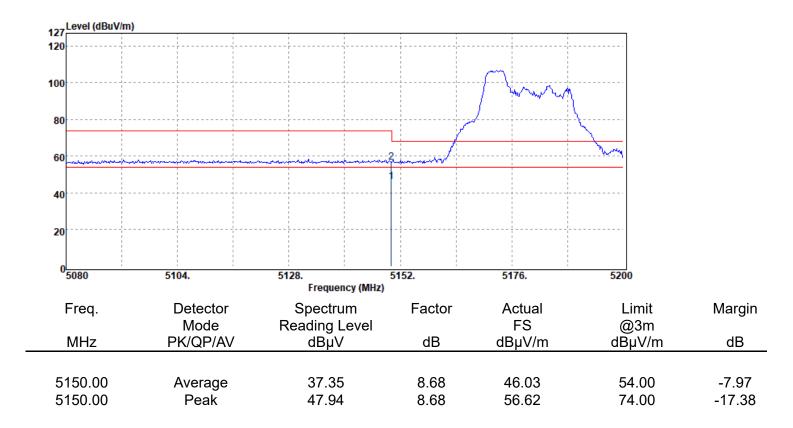


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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU 52/37	Test Date	:2021-01-05
Test Frequency	:5180 MHz	Temp./Humi.	:20.5/60
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky

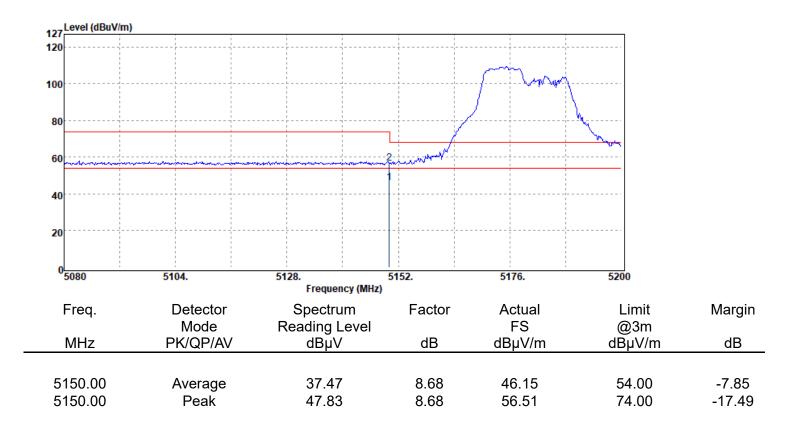


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:ER-2020-B0047	Test Site	:SAC III Chamber
:802.11ax20 RU 106/53	Test Date	:2021-01-05
:5180 MHz	Temp./Humi.	:20.5/60
:Bandedge CH Low	Antenna Pol.	:VERTICAL
:E2 Plane	Engineer	:Ricky
	:802.11ax20 RU 106/53 :5180 MHz :Bandedge CH Low	:802.11ax20 RU 106/53Test Date:5180 MHzTemp./Humi.:Bandedge CH LowAntenna Pol.



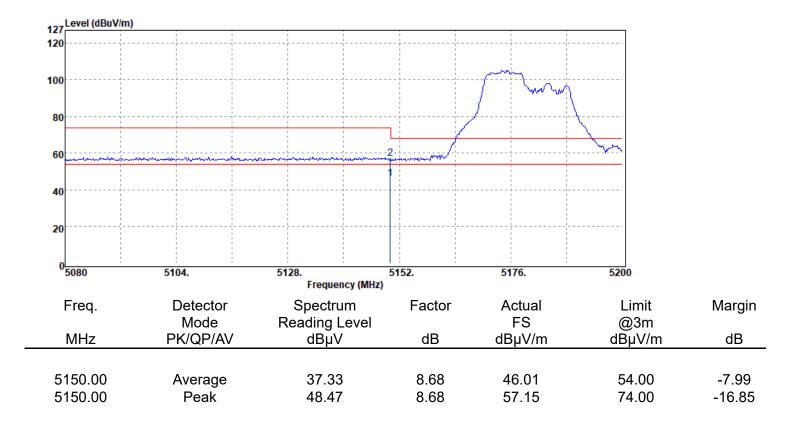
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:ER-2020-B0047	Test Site	:SAC III Chamber
:802.11ax20 RU 106/53	Test Date	:2021-01-05
:5180 MHz	Temp./Humi.	:20.5/60
:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
:E2 Plane	Engineer	:Ricky
	:802.11ax20 RU 106/53 :5180 MHz :Bandedge CH Low	:802.11ax20 RU 106/53Test Date:5180 MHzTemp./Humi.:Bandedge CH LowAntenna Pol.



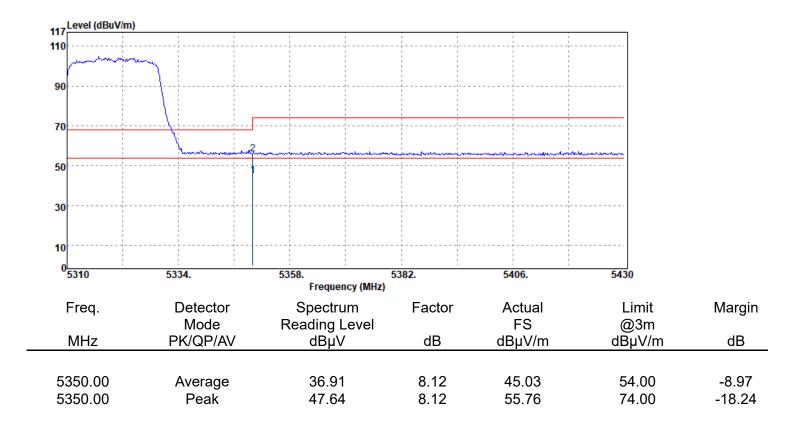
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2020-12-04
Test Frequency	:5320 MHz	Temp./Humi.	:22.5/60
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Nick



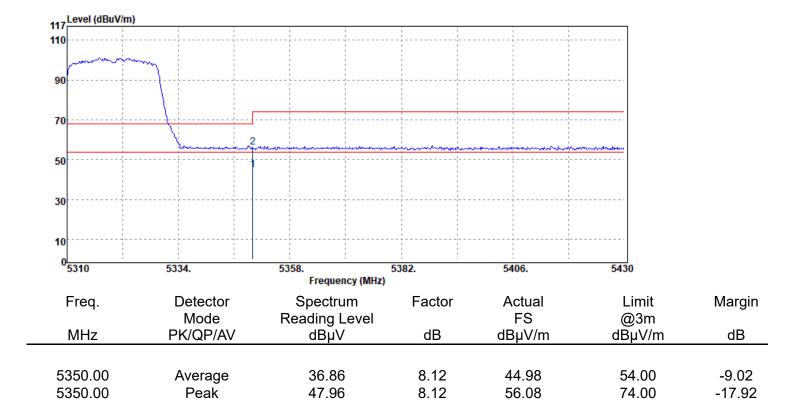
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2020-12-04
Test Frequency	:5320 MHz	Temp./Humi.	:22.5/60
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Nick

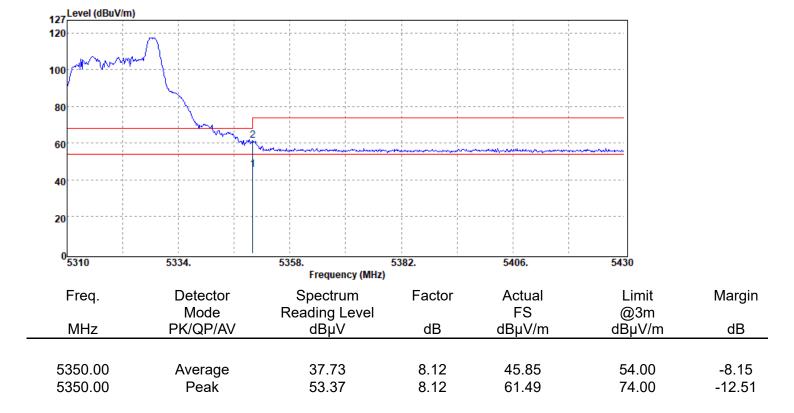


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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU 26/8	Test Date	:2021-01-05
Test Frequency	:5320 MHz	Temp./Humi.	:20.5/60
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

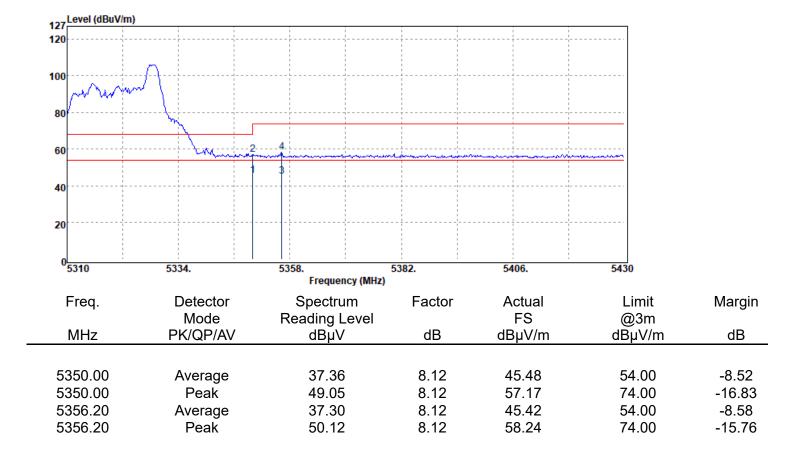


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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU 26/8	Test Date	:2021-01-05
Test Frequency	:5320 MHz	Temp./Humi.	:20.5/60
Test Mode	:Bandedge CH High	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Ricky



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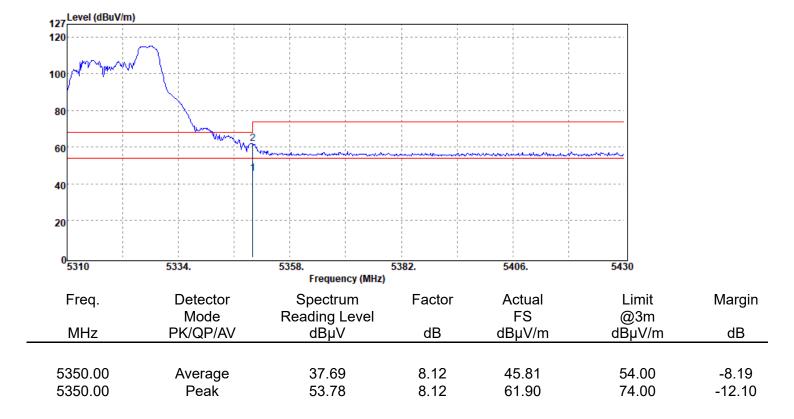
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU 52/40	Test Date	:2021-01-05
Test Frequency	:5320 MHz	Temp./Humi.	:20.5/60
Test Mode	:Bandedge CH High	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Ricky

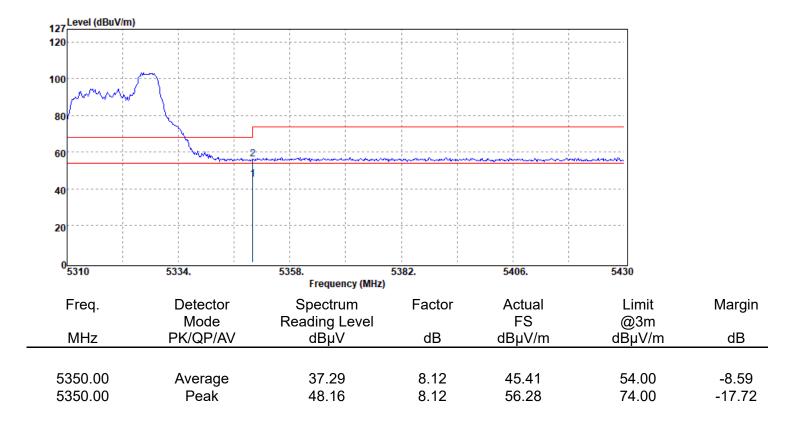


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:ER-2020-B0047	Test Site	:SAC III Chamber
:802.11ax20 RU 52/40	Test Date	:2021-01-05
:5320 MHz	Temp./Humi.	:20.5/60
:Bandedge CH High	Antenna Pol.	:HORIZONTAL
:E2 Plane	Engineer	:Ricky
	:802.11ax20 RU 52/40 :5320 MHz :Bandedge CH High	:802.11ax20 RU 52/40Test Date:5320 MHzTemp./Humi.:Bandedge CH HighAntenna Pol.

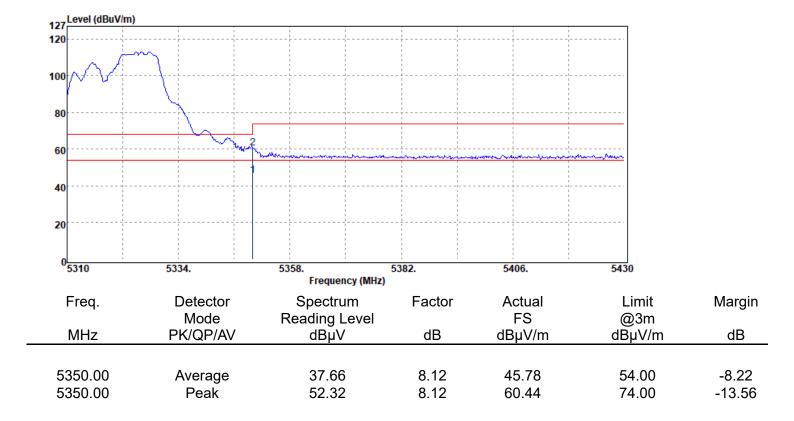


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:ER-2020-B0047	Test Site	:SAC III Chamber
:802.11ax20 RU 106/54	Test Date	:2021-01-05
:5320 MHz	Temp./Humi.	:20.5/60
:Bandedge CH High	Antenna Pol.	:VERTICAL
:E2 Plane	Engineer	:Ricky
	:802.11ax20 RU 106/54 :5320 MHz :Bandedge CH High	:802.11ax20 RU 106/54Test Date:5320 MHzTemp./Humi.:Bandedge CH HighAntenna Pol.

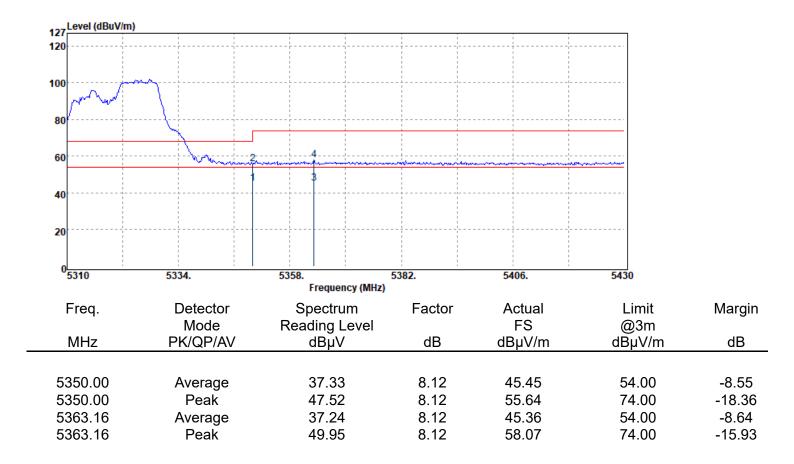


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:ER-2020-B0047	Test Site	:SAC III Chamber
:802.11ax20 RU 106/54	Test Date	:2021-01-05
:5320 MHz	Temp./Humi.	:20.5/60
:Bandedge CH High	Antenna Pol.	:HORIZONTAL
:E2 Plane	Engineer	:Ricky
	:802.11ax20 RU 106/54 :5320 MHz :Bandedge CH High	:802.11ax20 RU 106/54Test Date:5320 MHzTemp./Humi.:Bandedge CH HighAntenna Pol.



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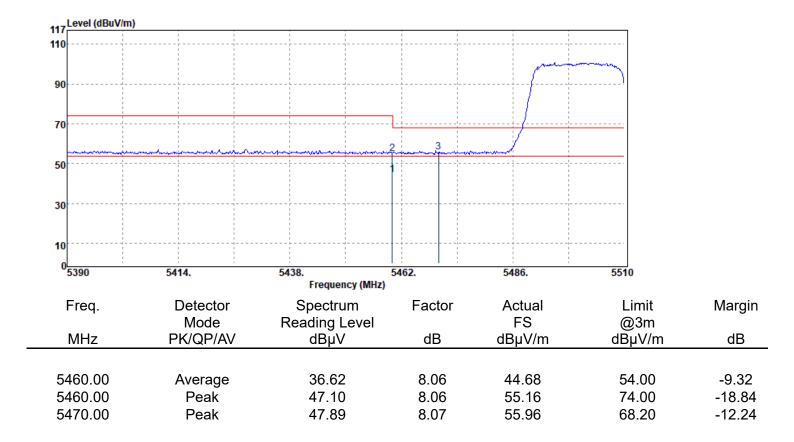
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2020-12-04
Test Frequency	:5500 MHz	Temp./Humi.	:22.5/60
Test Mode	:Bandedge CH Low	Antenna Pol.	:VERTICAL
EUT Pol	:E2 Plane	Engineer	:Nick



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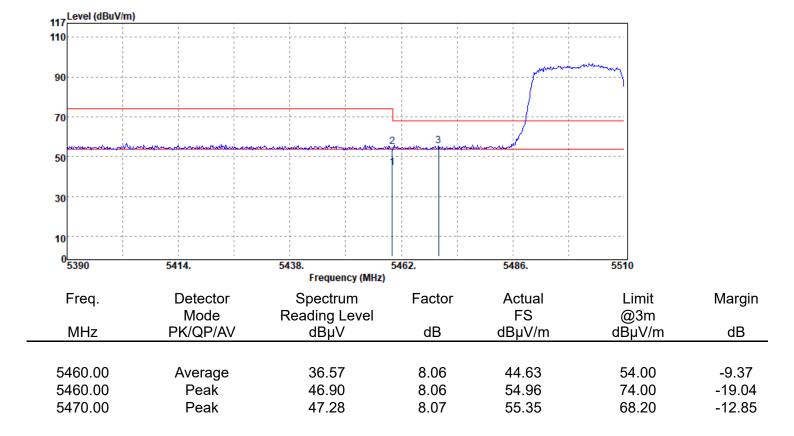
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Report Number	:ER-2020-B0047	Test Site	:SAC III Chamber
Operation Mode	:802.11ax20 RU full	Test Date	:2020-12-04
Test Frequency	:5500 MHz	Temp./Humi.	:22.5/60
Test Mode	:Bandedge CH Low	Antenna Pol.	:HORIZONTAL
EUT Pol	:E2 Plane	Engineer	:Nick



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