

2TX Antenna A + Antenna B SDM OFDMA MODE: 52-Tones, RU Index 44

Test Engineer:	84740/40882, 23854/40882
Test Date:	2021-06-10

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Mid	5210	6.5843	3.98	3.98	18.19	14.21	10.00	6.02

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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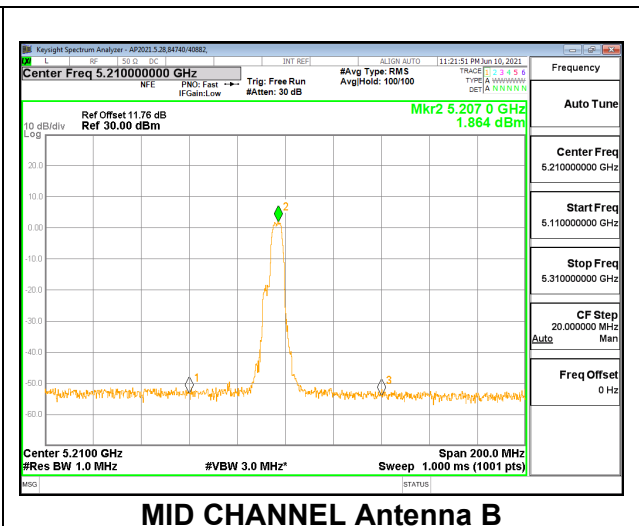
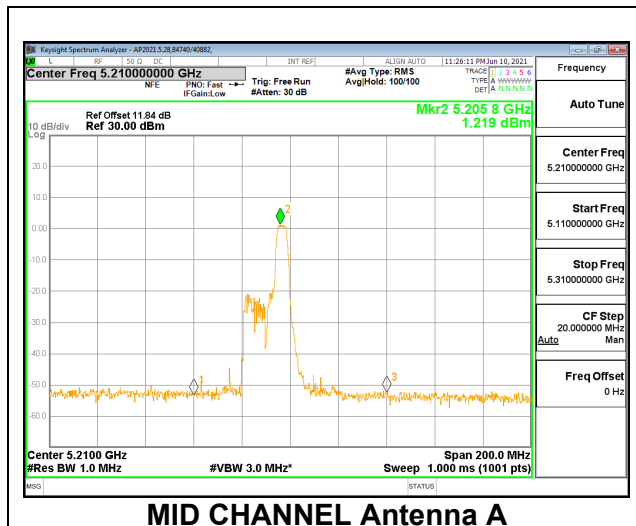
Output Power Results

Channel	Frequency (MHz)	Antenna A Meas Power (dBm)	Antenna B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	8.52	7.35	10.98	14.21	-3.22

PSD Results

Channel	Frequency (MHz)	Antenna A Meas PSD (dBm/1MHz)	Antenna B Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5210	1.219	1.864	4.56	6.02	-1.46

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 52-Tones, RU Index 52

Test Engineer:	84740/40882, 23854/40882
Test Date:	2021-06-10

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Mid	5210	4.7039	3.98	3.98	16.72	12.74	10.00	6.02

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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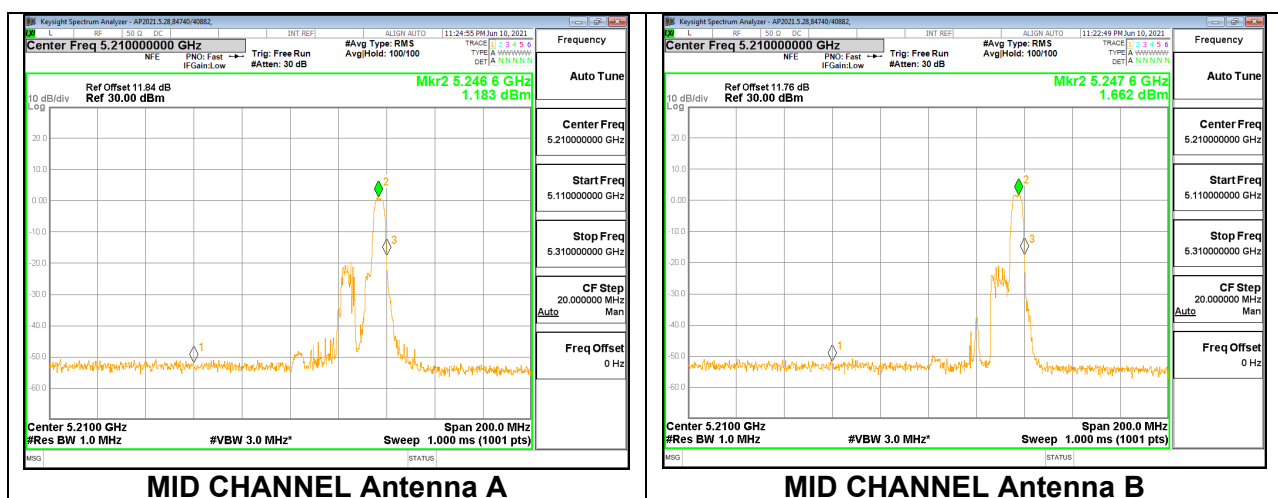
Output Power Results

Channel	Frequency (MHz)	Antenna A Meas Power (dBm)	Antenna B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	8.26	7.35	10.84	12.74	-1.91

PSD Results

Channel	Frequency (MHz)	Antenna A Meas PSD (dBm/1MHz)	Antenna B Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5210	1.183	1.662	4.44	6.02	-1.58

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 26-Tones, RU Index 0

Test Engineer:	84740/40882, 23854/40882
Test Date:	2021-06-10

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Mid	5210	5.7335	3.98	3.98	17.58	13.60	10.00	6.02

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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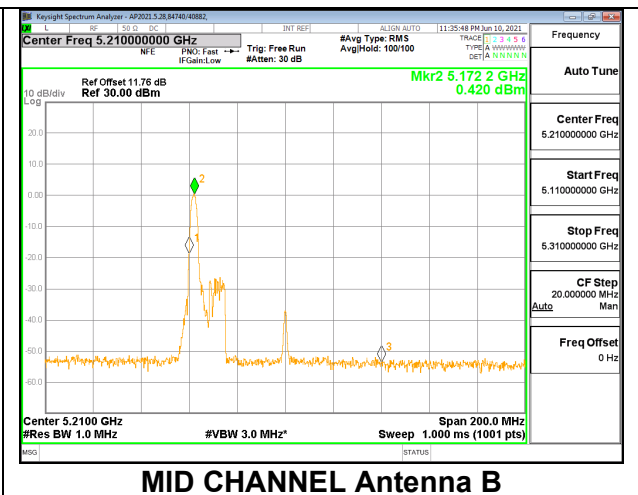
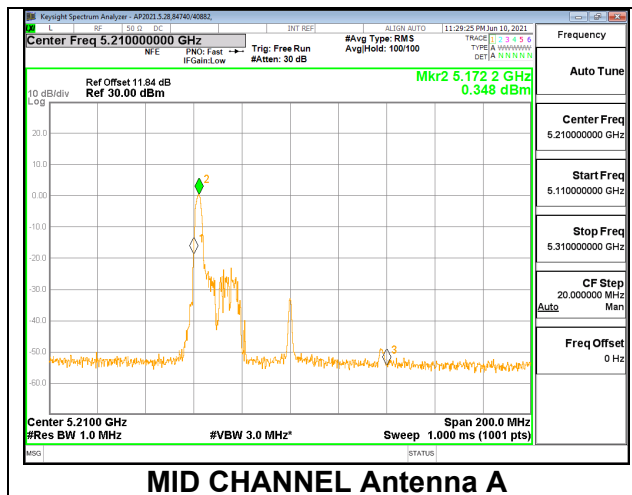
Output Power Results

Channel	Frequency (MHz)	Antenna A Meas Power (dBm)	Antenna B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	4.53	3.71	7.15	13.60	-6.45

PSD Results

Channel	Frequency (MHz)	Antenna A Meas PSD (dBm/1MHz)	Antenna B Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5210	0.348	0.420	3.39	6.02	-2.63

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 26-Tones, RU Index 18

Test Engineer:	84740/40882, 23854/40882
Test Date:	2021-06-10

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Mid	5210	5.1071	3.98	3.98	17.08	13.10	10.00	6.02

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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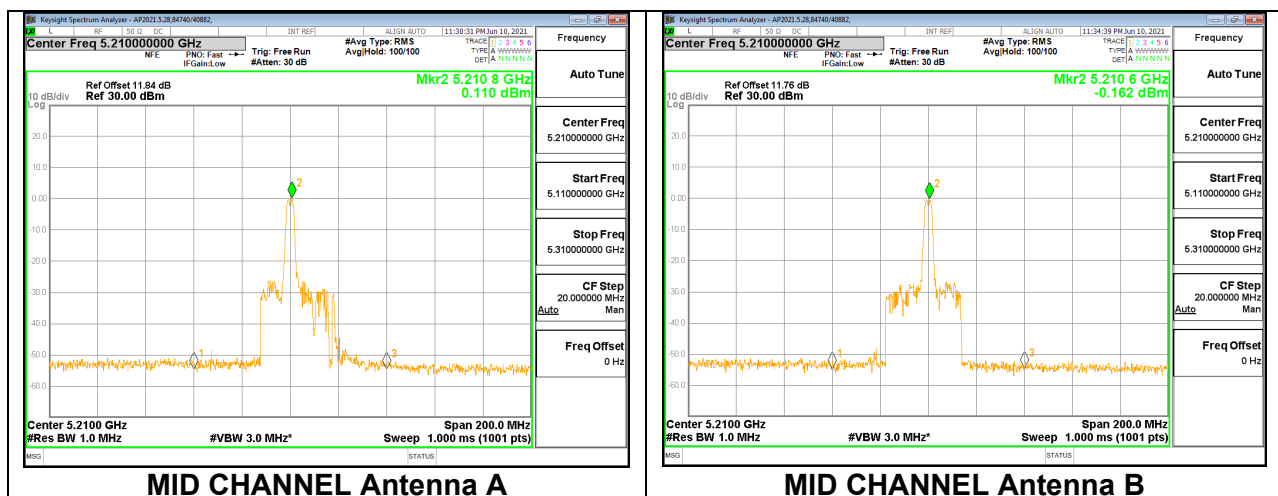
Output Power Results

Channel	Frequency (MHz)	Antenna A Meas Power (dBm)	Antenna B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	4.75	4.20	7.49	13.10	-5.61

PSD Results

Channel	Frequency (MHz)	Antenna A Meas PSD (dBm/1MHz)	Antenna B Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5210	0.110	-0.162	2.99	6.02	-3.03

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 26-Tones, RU Index 36

Test Engineer:	84740/40882, 23854/40882
Test Date:	2021-06-10

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Mid	5210	4.3684	3.98	3.98	16.40	12.42	10.00	6.02

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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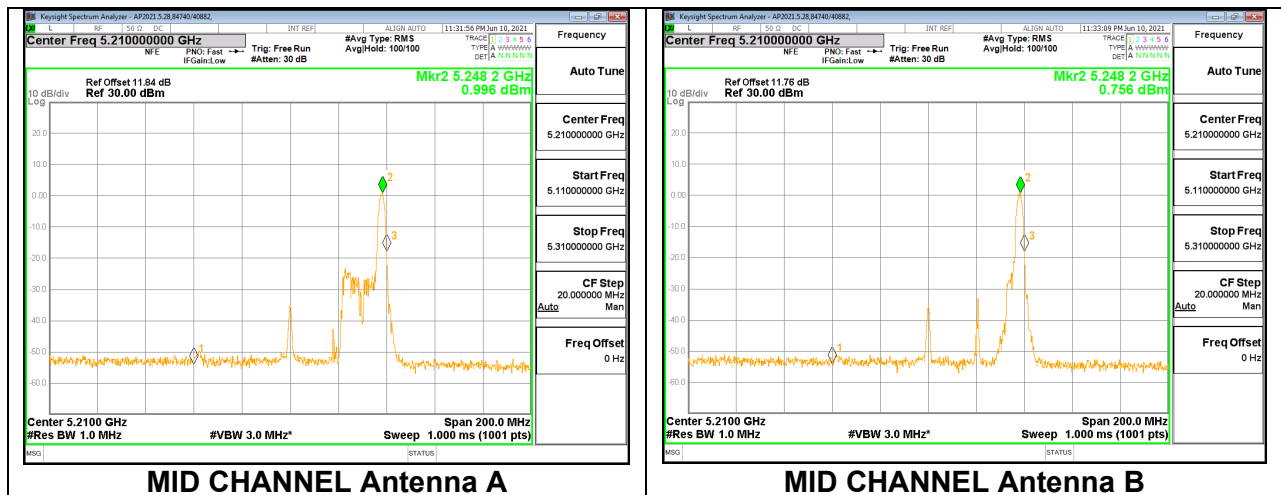
Output Power Results

Channel	Frequency (MHz)	Antenna A Meas Power (dBm)	Antenna B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	4.66	4.01	7.36	12.42	-5.07

PSD Results

Channel	Frequency (MHz)	Antenna A Meas PSD (dBm/1MHz)	Antenna B Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5210	0.996	0.756	3.89	6.02	-2.13

Note: Average measurements taken gated.



9.4.10. 802.11ax HE80 MODE 2TX IN THE 5.3GHz BAND (IC)

2TX Antenna A + Antenna B SDM OFDMA MODE: SU, Single User

Test Engineer:	85502/40882
Test Date:	2021-04-30

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	76.4650	4.60	4.60	24.00	11.00

Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd PSD
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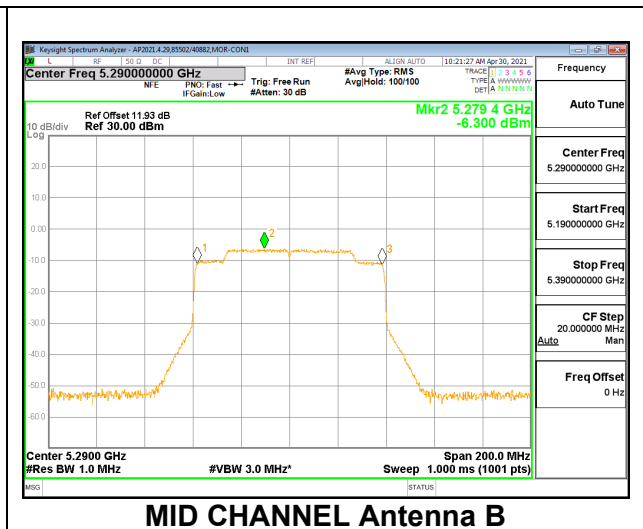
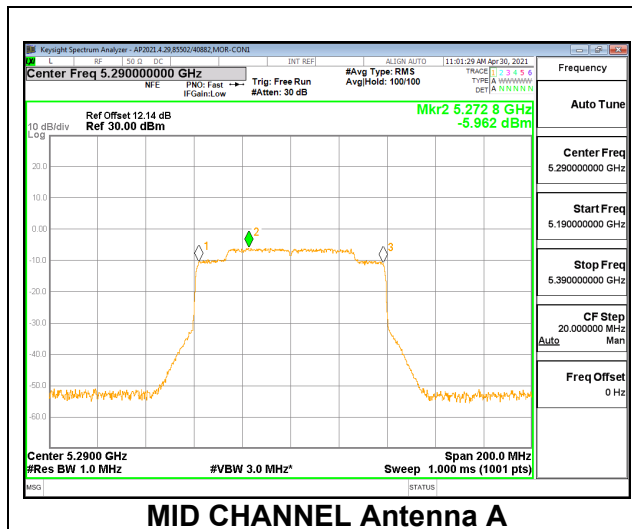
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	12.06	12.03	15.06	24.00	-8.94

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-5.96	-6.30	-3.00	11.00	-14.00

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	85502/40882
Test Date:	2021-04-30

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	37.3064	4.60	4.60	24.00	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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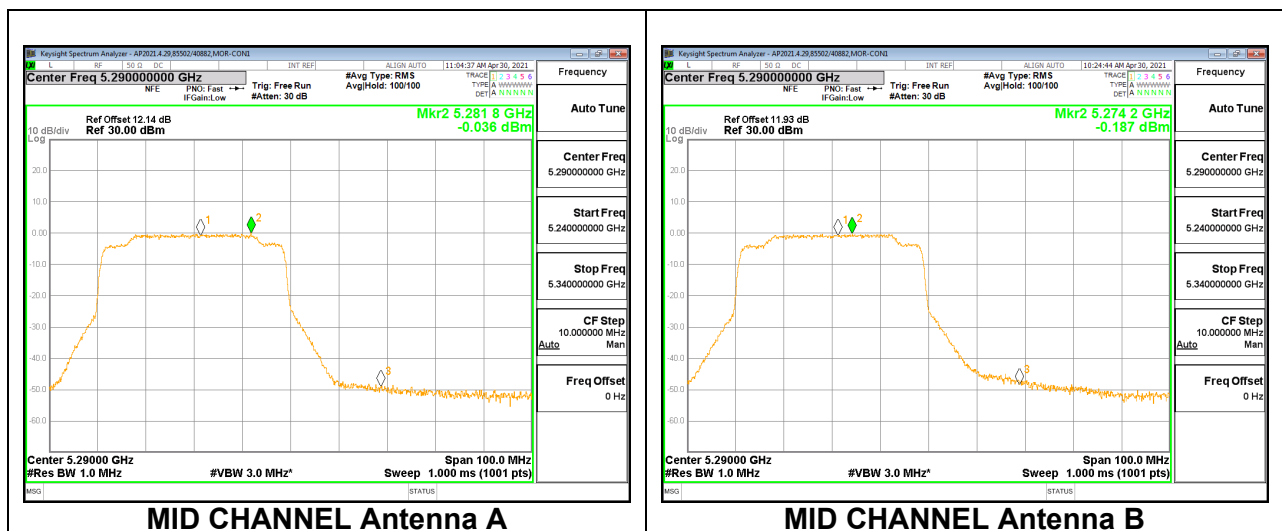
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.03	14.50	17.78	24.00	-6.22

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-0.04	-0.19	2.90	11.00	-8.10

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 484-Tones, RU Index 66

Test Engineer:	85502/40882
Test Date:	2021-04-30

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	37.2110	4.60	4.60	24.00	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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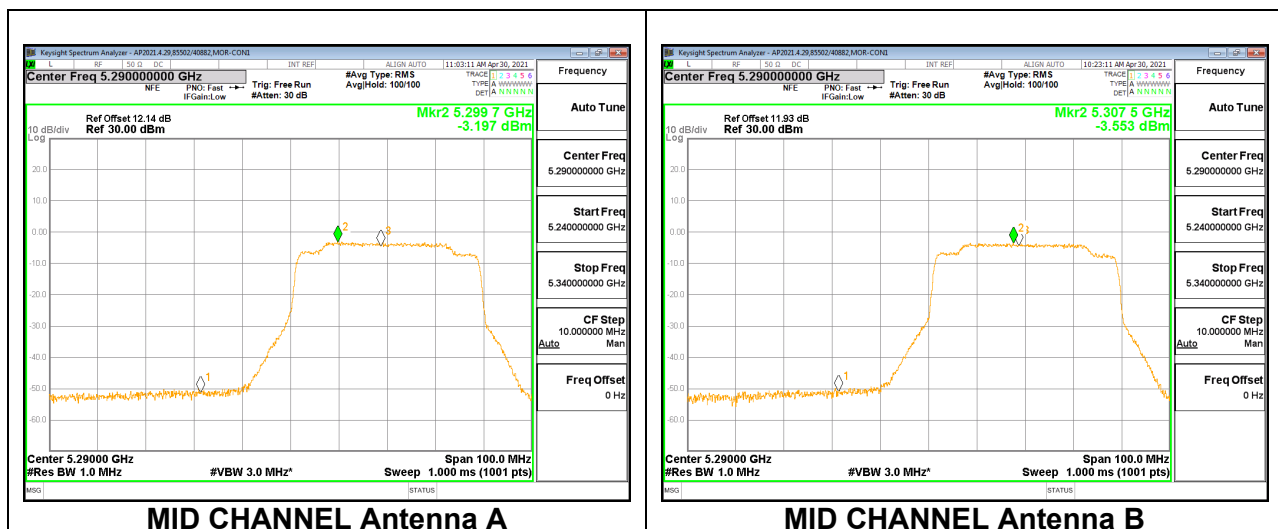
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.58	11.50	14.55	24.00	-9.45

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-3.20	-3.55	-0.36	11.00	-11.36

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	85502/40882
Test Date:	2021-05-03

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	18.7670	4.60	4.60	23.73	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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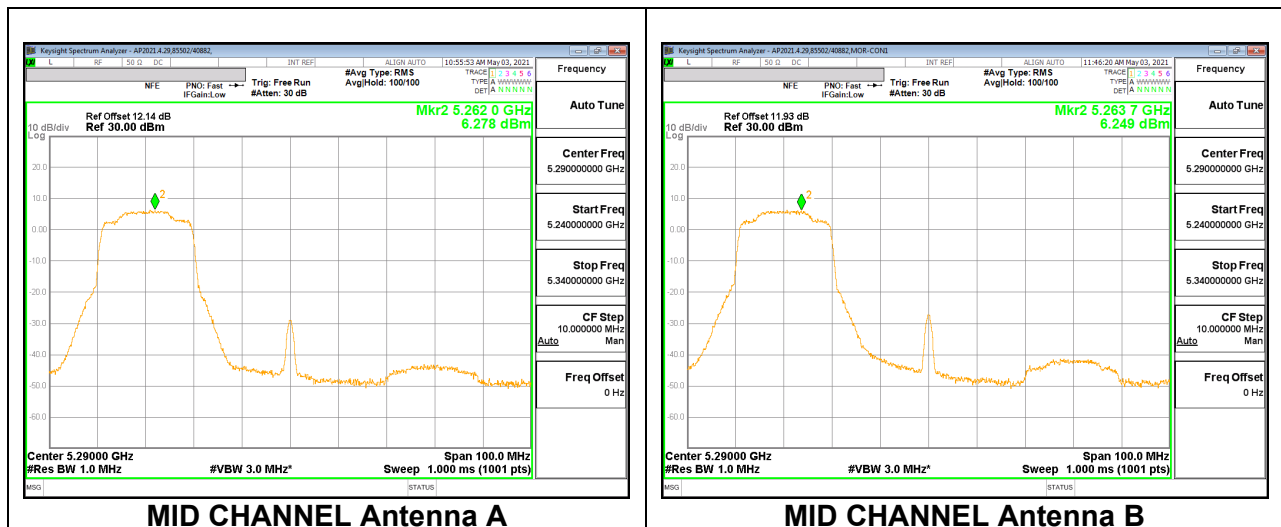
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	18.13	17.65	20.91	23.73	-2.83

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.28	6.25	9.27	11.00	-1.73

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 242-Tones, RU Index 63

Test Engineer:	85502/40882
Test Date:	2021-05-03

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	25.4530	4.60	4.60	24.00	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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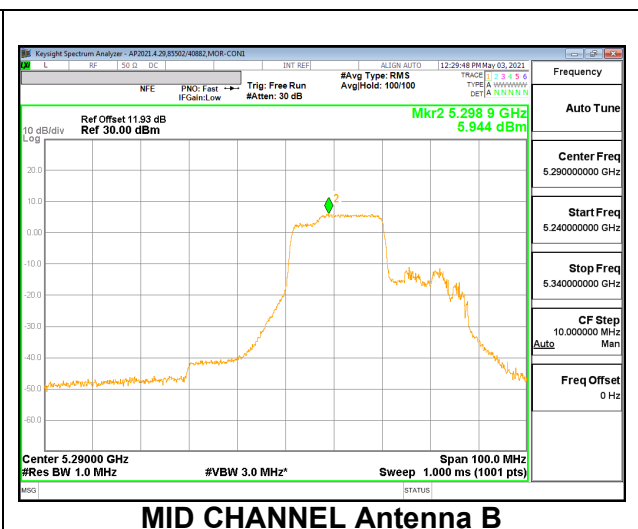
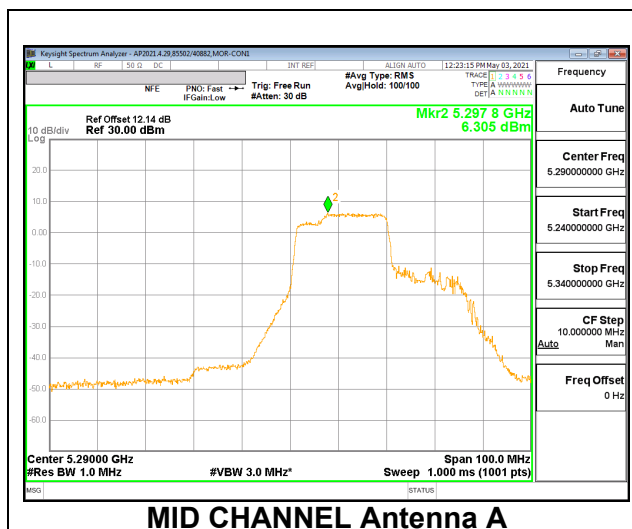
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	18.11	18.01	21.07	24.00	-2.93

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.31	5.94	9.14	11.00	-1.86

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 242-Tones, RU Index 64

Test Engineer:	85502/40882
Test Date:	2021-05-03

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	18.7400	4.60	4.60	23.73	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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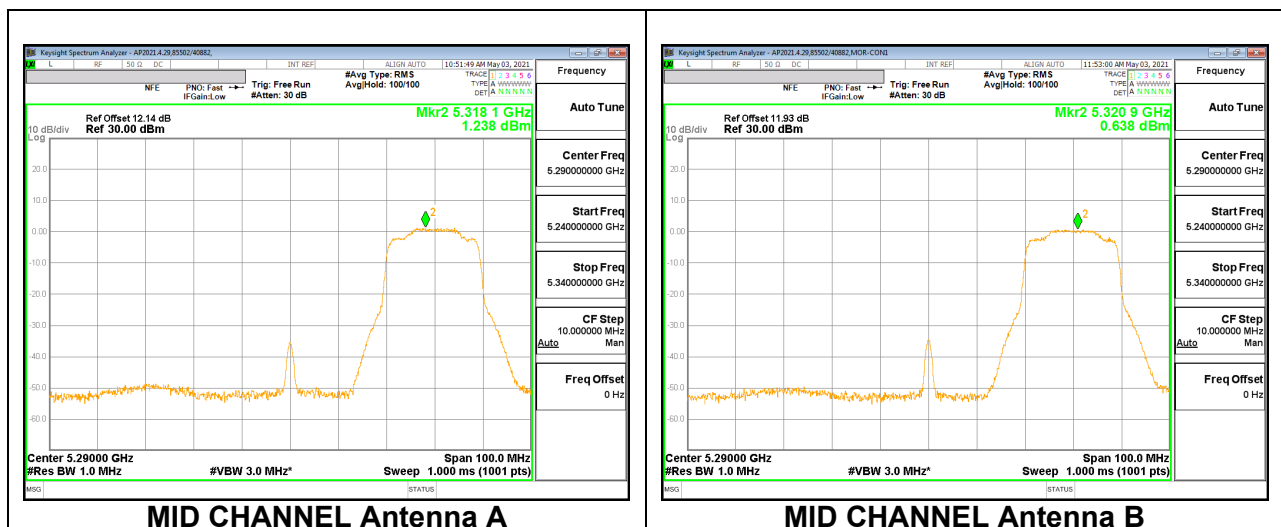
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	13.06	12.60	15.85	23.73	-7.88

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	1.24	0.64	3.96	11.00	-7.04

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 106-Tones, RU Index 53

Test Engineer:	85502/40882
Test Date:	2021-05-03

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	10.4820	4.60	4.60	21.20	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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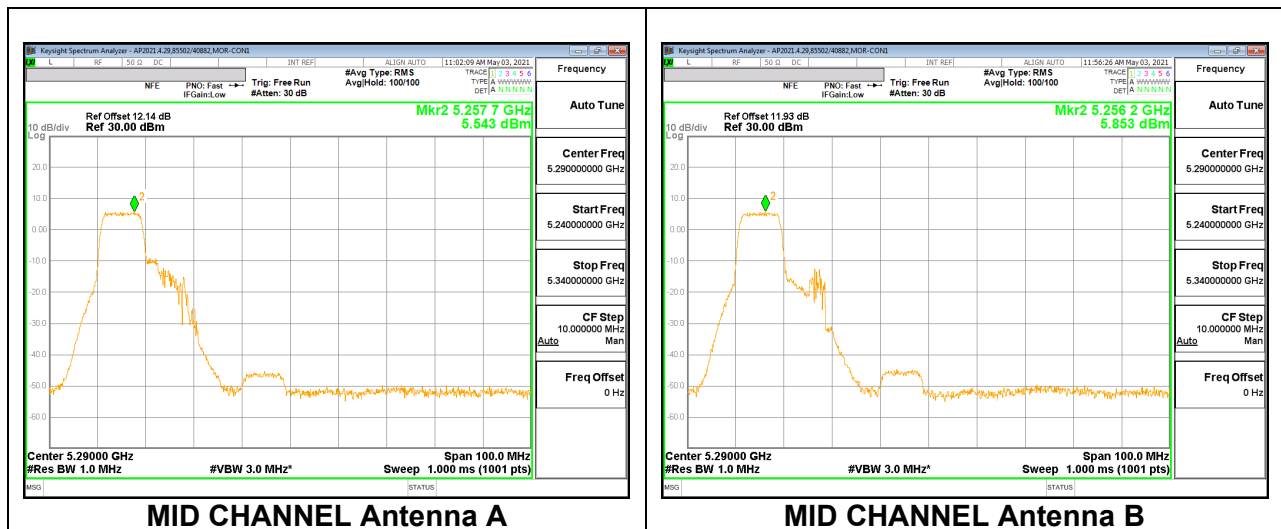
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.08	14.56	17.84	21.20	-3.37

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	5.54	5.85	8.71	11.00	-2.29

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 106-Tones, RU Index 56

Test Engineer:	85502/40882
Test Date:	2021-05-03

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	11.0280	4.60	4.60	21.42	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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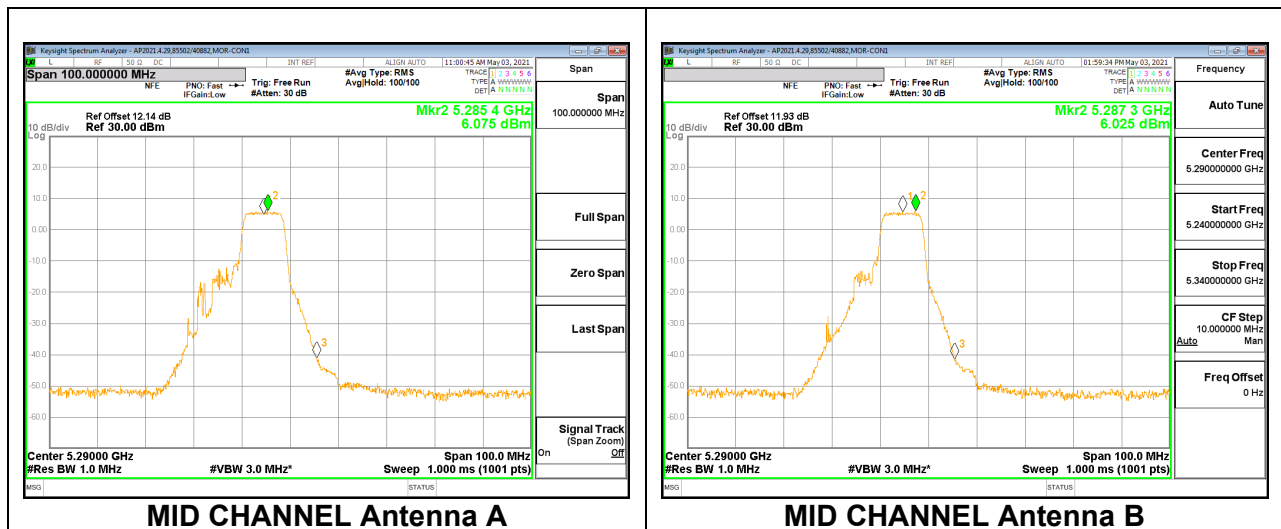
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.46	14.81	18.16	21.42	-3.27

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.08	6.03	9.06	11.00	-1.94

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 106-Tones, RU Index 59

Test Engineer:	85502/40882
Test Date:	2021-05-03

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	9.1795	4.60	4.60	20.63	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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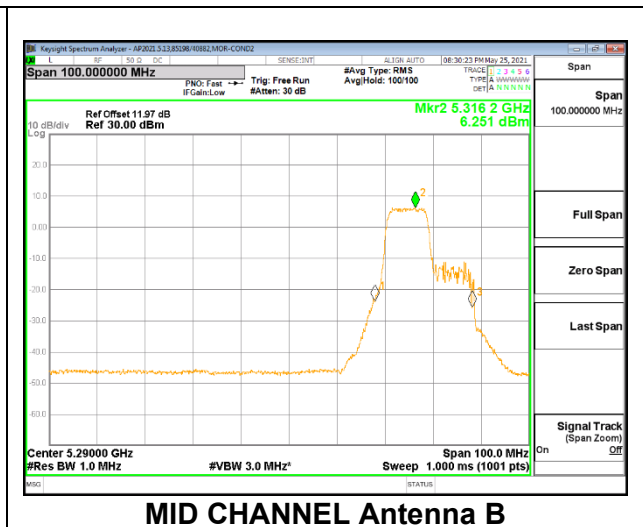
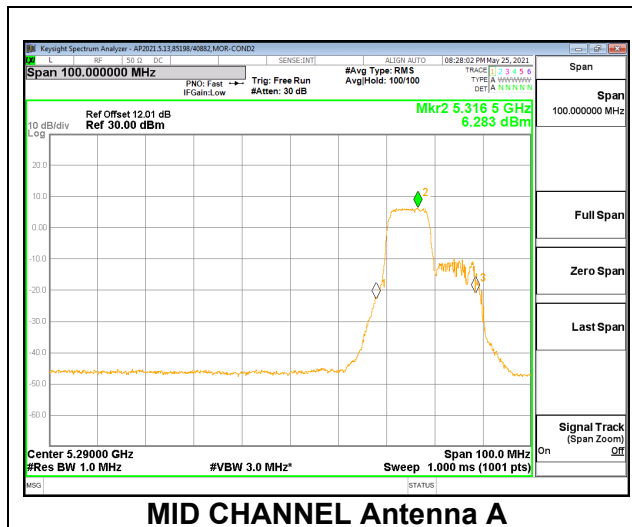
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.25	14.92	18.10	20.63	-2.53

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.28	6.25	9.28	11.00	-1.72

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 106-Tones, RU Index 60

Test Engineer:	85502/40882
Test Date:	2021-05-03

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	9.3630	4.60	4.60	20.71	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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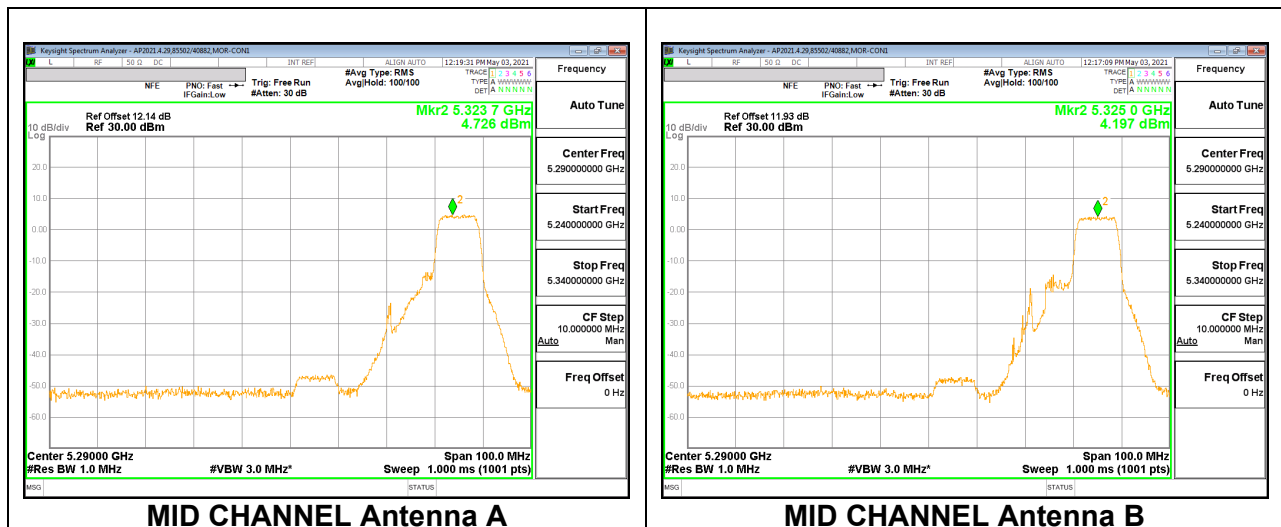
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	14.14	14.00	17.08	20.71	-3.63

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	4.73	4.20	7.48	11.00	-3.52

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 52-Tones, RU Index 37

Test Engineer:	85502/40882
Test Date:	2021-06-11

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	5.5188	4.60	4.60	18.42	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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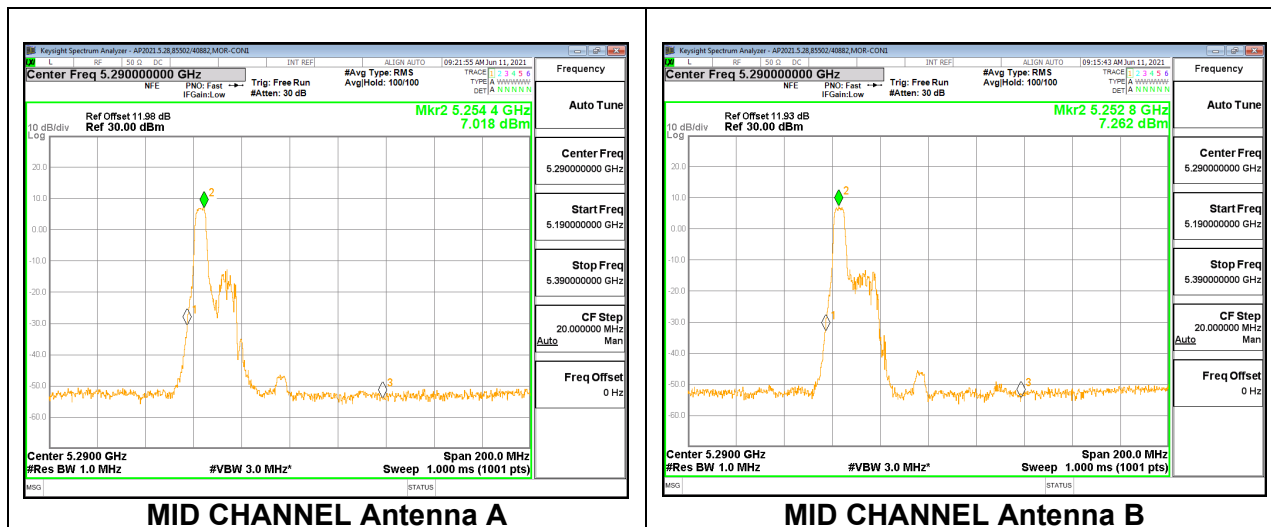
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	12.75	12.49	15.63	18.42	-2.79

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	7.02	7.26	10.15	11.00	-0.85

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 52-Tones, RU Index 44

Test Engineer:	85502/40882
Test Date:	2021-06-11

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	6.7117	4.60	4.60	19.27	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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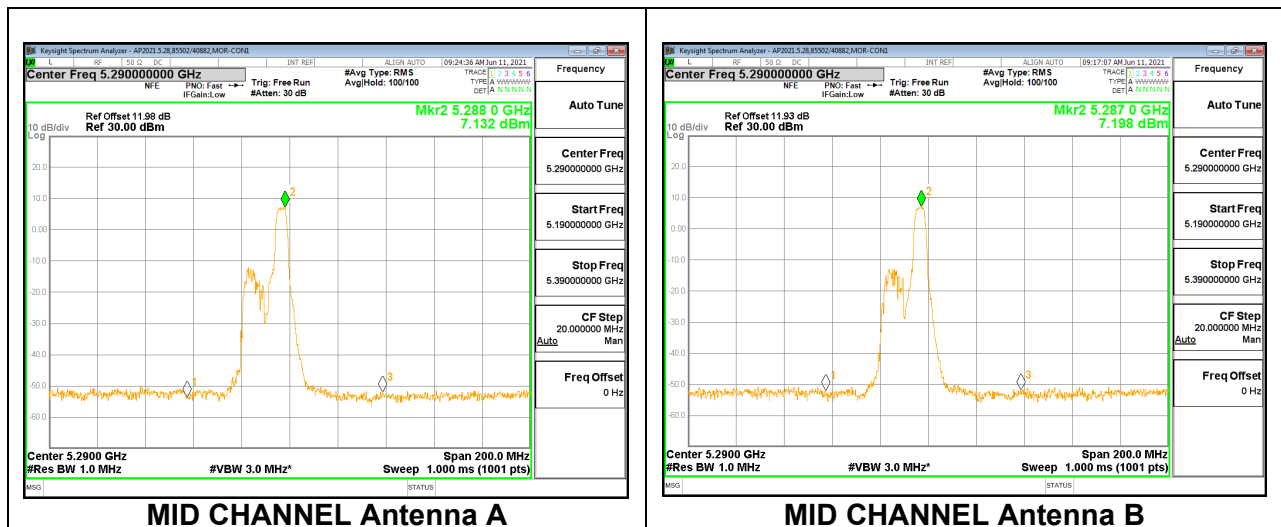
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	13.08	12.74	15.92	19.27	-3.34

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	7.13	7.20	10.18	11.00	-0.82

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 52-Tones, RU Index 52

Test Engineer:	85502/40882
Test Date:	2021-06-11

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	5.4313	4.60	4.60	18.35	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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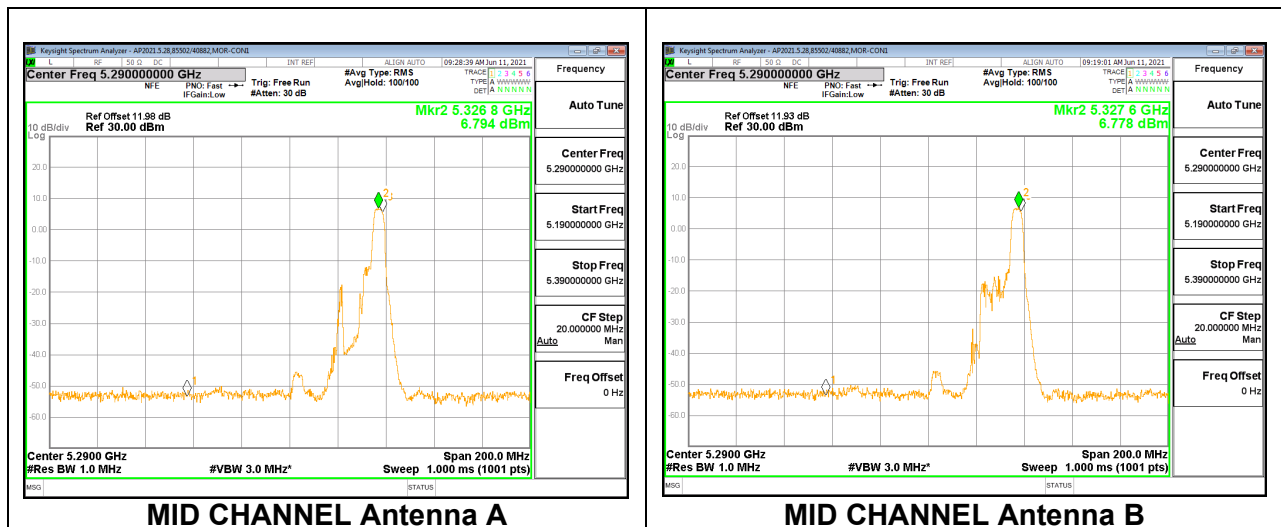
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	12.96	12.83	15.91	18.35	-2.44

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.79	6.78	9.80	11.00	-1.20

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 26-Tones, RU Index 0

Test Engineer:	85502/40882
Test Date:	2021-06-11

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	4.9357	4.60	4.60	17.93	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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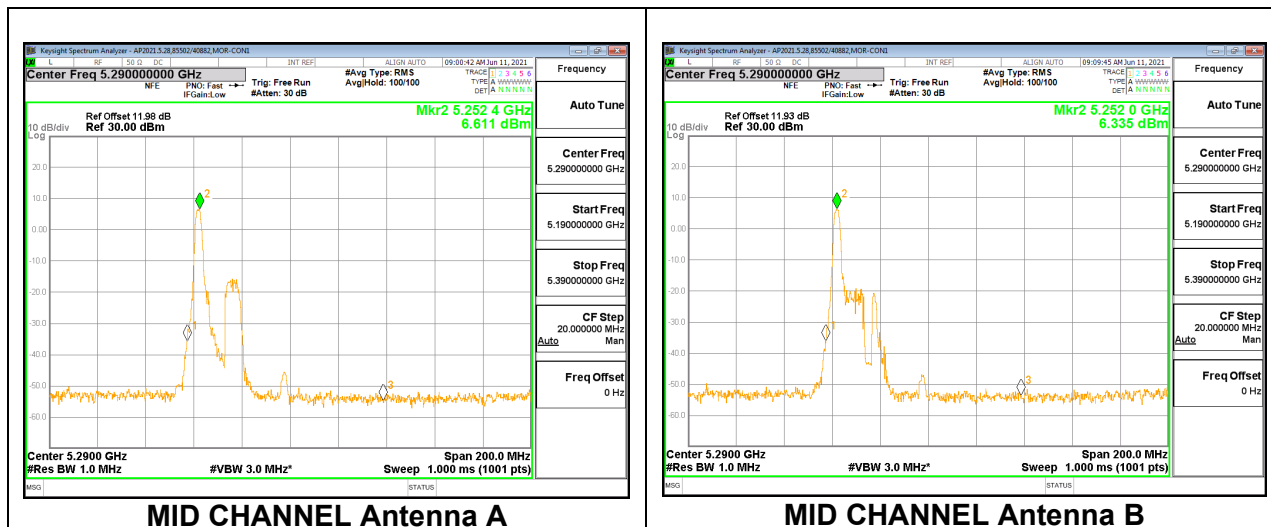
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	9.23	8.49	11.89	17.93	-6.05

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.61	6.34	9.49	11.00	-1.51

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 26-Tones, RU Index 18

Test Engineer:	85502/40882
Test Date:	2021-06-11

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	6.1301	4.60	4.60	18.87	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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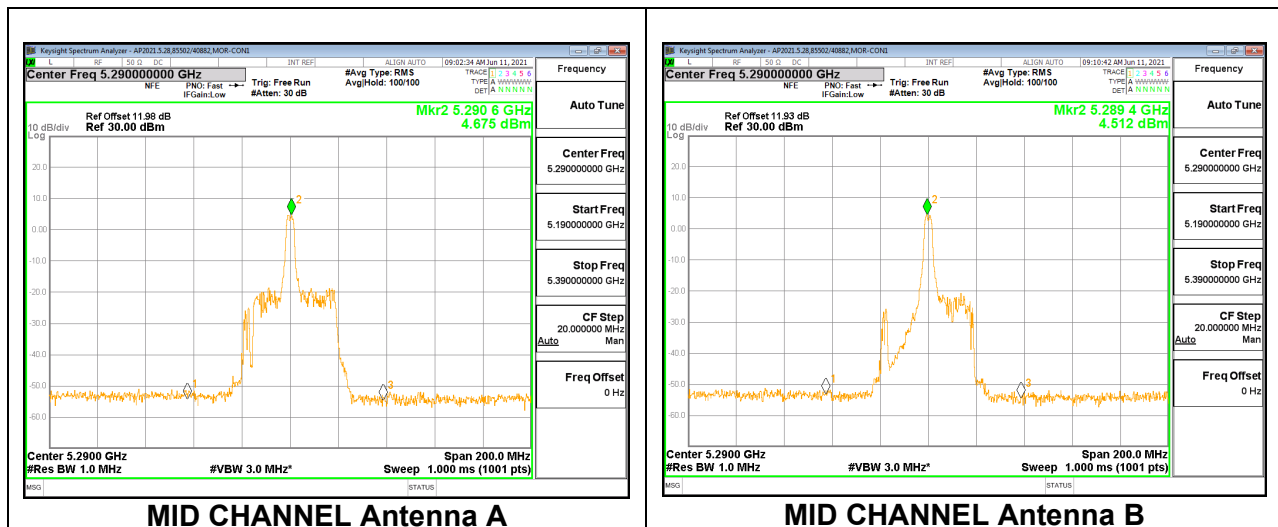
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	9.49	9.21	12.36	18.87	-6.51

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	4.68	4.51	7.61	11.00	-3.39

Note: Average measurements taken gated.



2TX Antenna A + Antenna B SDM OFDMA MODE: 26-Tones, RU Index 36

Test Engineer:	85502/40882
Test Date:	2021-06-11

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	3.6825	4.60	4.60	16.66	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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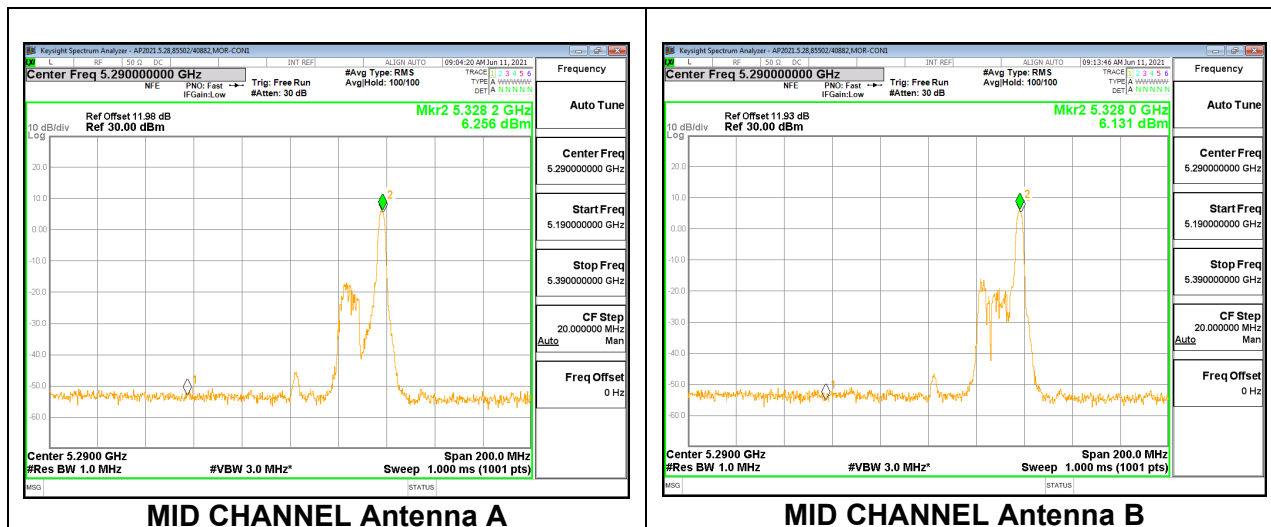
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	9.81	9.98	12.91	16.66	-3.76

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.26	6.13	9.21	11.00	-1.79

Note: Average measurements taken gated.



**9.4.11. 802.11ax HE160 MODE 1TX IN THE 5.2GHz & 5.3GHz BAND (IC)
 MOBILE**

1TX Antenna A OFDMA MODE: SU, Single User

Test Engineer:	85502/40882, 23854/40882
Test Date:	2021-04-28, 2021-04-30

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Mid	5250	154.250	4.50	23.00	18.50	10.00	5.50

Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd PSD
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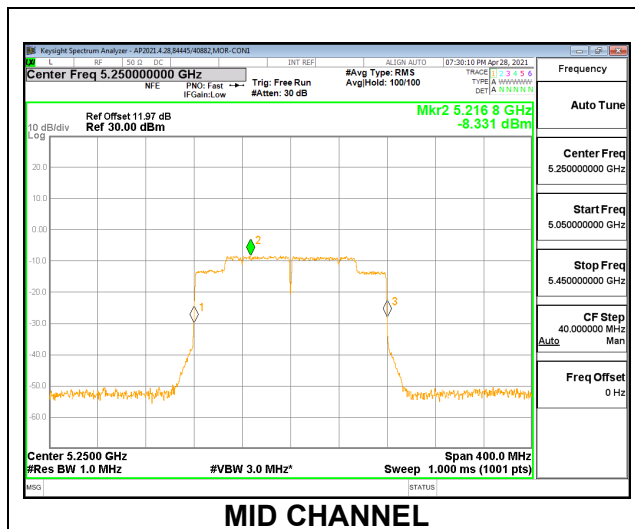
Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5250	11.550	11.55	18.50	-6.95

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5250	-8.331	-8.101	5.50	-13.60

Note: Average measurements taken gated



1TX Antenna B OFDMA MODE: SU, Single User

Test Engineer:	85502/40882, 23854/40882
Test Date:	2021-04-28-2021-04-30

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Mid	5250	155.090	3.40	23.00	19.60	10.00	6.60

Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd PSD
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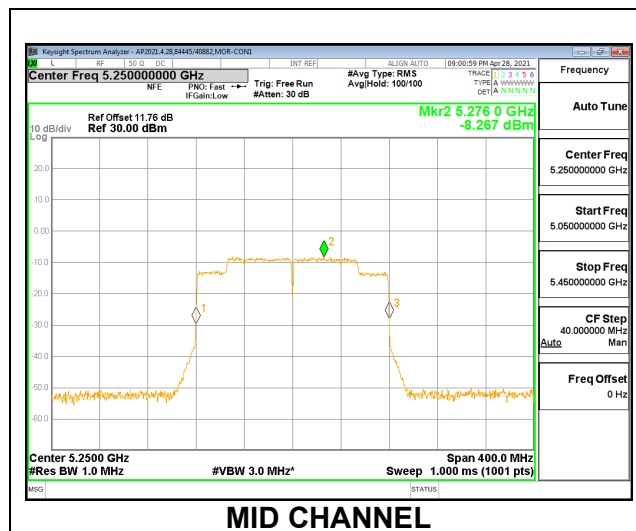
Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5250	11.300	11.30	19.60	-8.30

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5250	-8.267	-8.037	6.60	-14.64

Note: Average measurements taken gated.



9.4.12. 802.11ax HE160 MODE 2TX IN THE 5.2GHz & 5.3GHz BAND (IC) MOBILE

2TX Antenna A + Antenna B SDM OFDMA MODE: SU, Single User

Test Engineer:	85502/40882, 23854/40882
Test Date:	2021-04-27-2021-04-30

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Mid	5250	154.2500	3.98	3.98	23.00	19.02	10.00	6.02

Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd PSD
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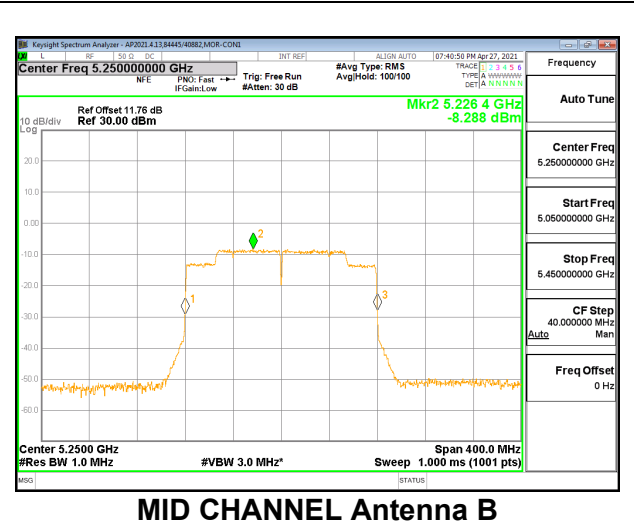
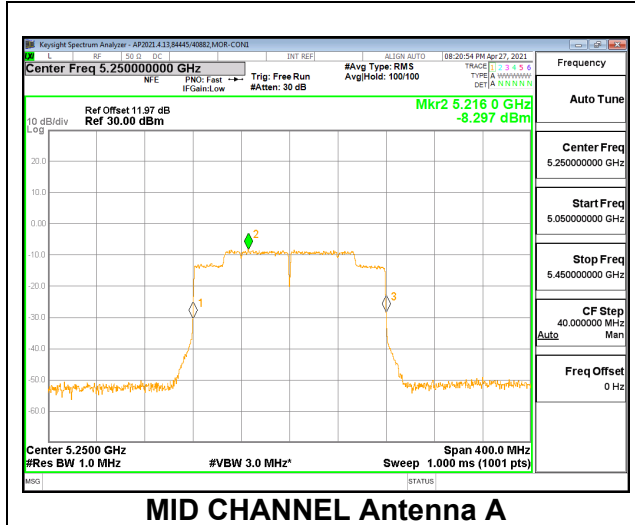
Output Power Results

Channel	Frequency (MHz)	Antenna A Meas Power (dBm)	Antenna B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5250	11.04	11.62	14.35	19.02	-4.67

PSD Results

Channel	Frequency (MHz)	Antenna A Meas PSD (dBm/1MHz)	Antenna B Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5250	-8.297	-8.288	-5.05	6.02	-11.07

Note: Average measurements taken gated.



10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209 -Restricted bands
FCC §15.407(b)(1-3) -Un-Restricted bands

After January 01, 2019 for Outside of the Restricted Bands Emissions

RSS 247 Issue 2 Sections
6.2.1.2 (for 5150-5250 MHz band)
6.2.2.2 (for 5250-5350 MHz band)
6.2.3.2 (for 5470-5600 MHz and 5650-5725 MHz bands)
6.2.4.2 (for 5725-5850 MHz band)

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz (1- 10 GHz) or 30 KHz (10-18 GHz) for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and average measurements. The detection type for average measurements was voltage averaging.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

Note – Radiated emissions below 30MHz and above 18GHz are included report R13541206-E7 as 5825MHz is considered worst case.

KDB 414788 Open Field Site(OFS) and Chamber Correlation Justification

OFS and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

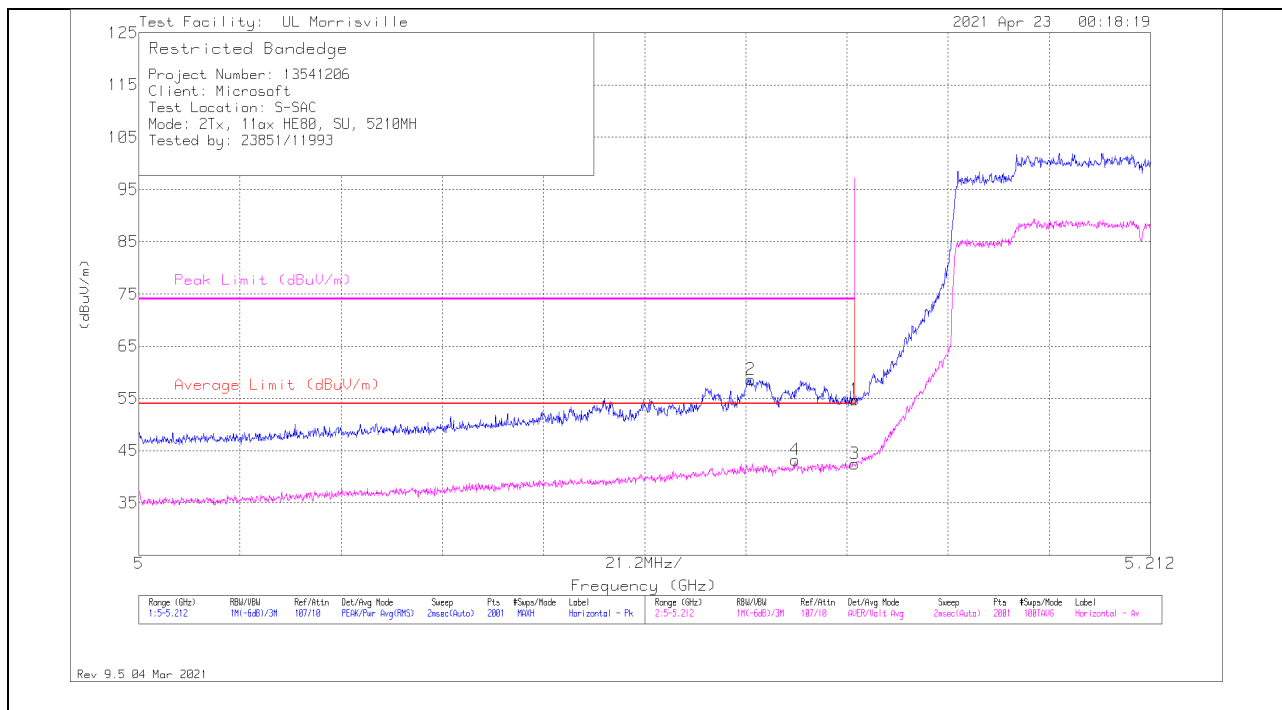
10.1. TRANSMITTER ABOVE 1 GHz

10.1.1. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.2GHz BAND

2TX Antenna A + Antenna B OFDMA MODE: SU, Single User

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 5.14999	43	Pk	34.2	-22.4	0	54.8	-	-	74	-19.2	20	310	H
2	** 5.12826	47.06	Pk	34.1	-22.5	0	58.66	-	-	74	-15.34	20	310	H
3	** 5.14999	30.45	ADV	34.2	-22.4	.24	42.49	54	-11.51	-	-	20	310	H
4	** 5.13759	31.39	ADV	34.1	-22.5	.24	43.23	54	-10.77	-	-	20	310	H

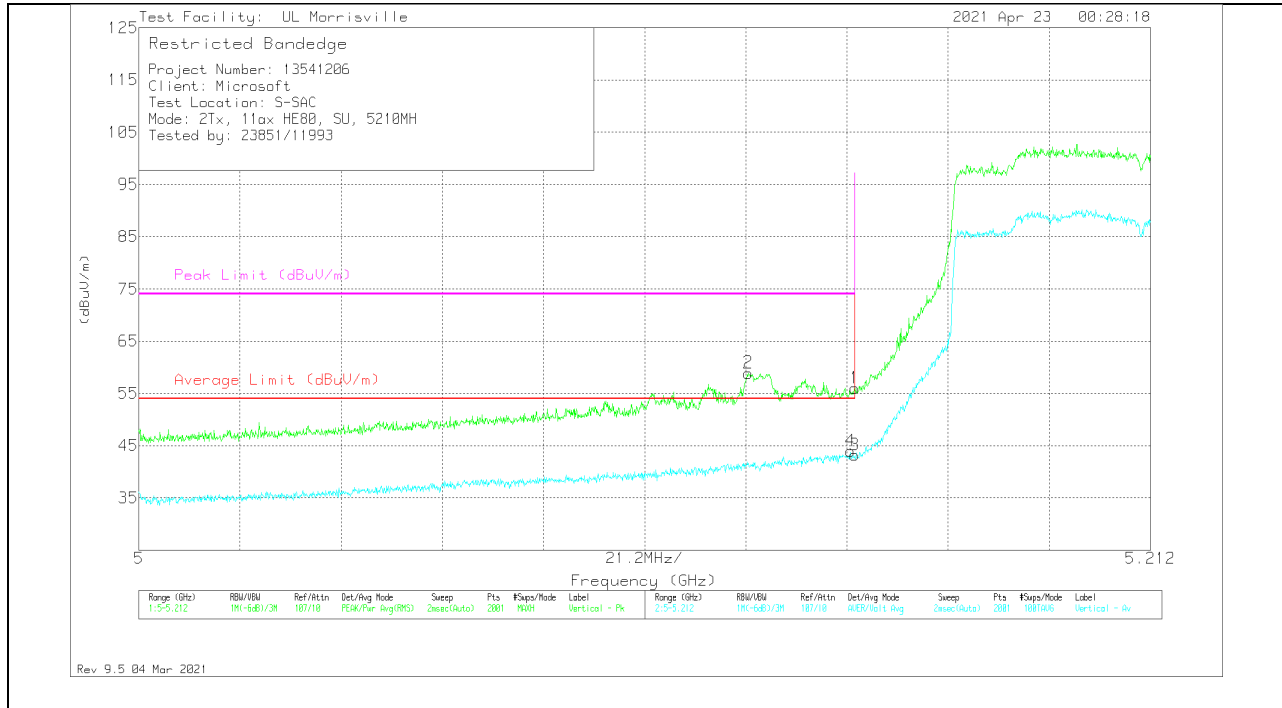
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

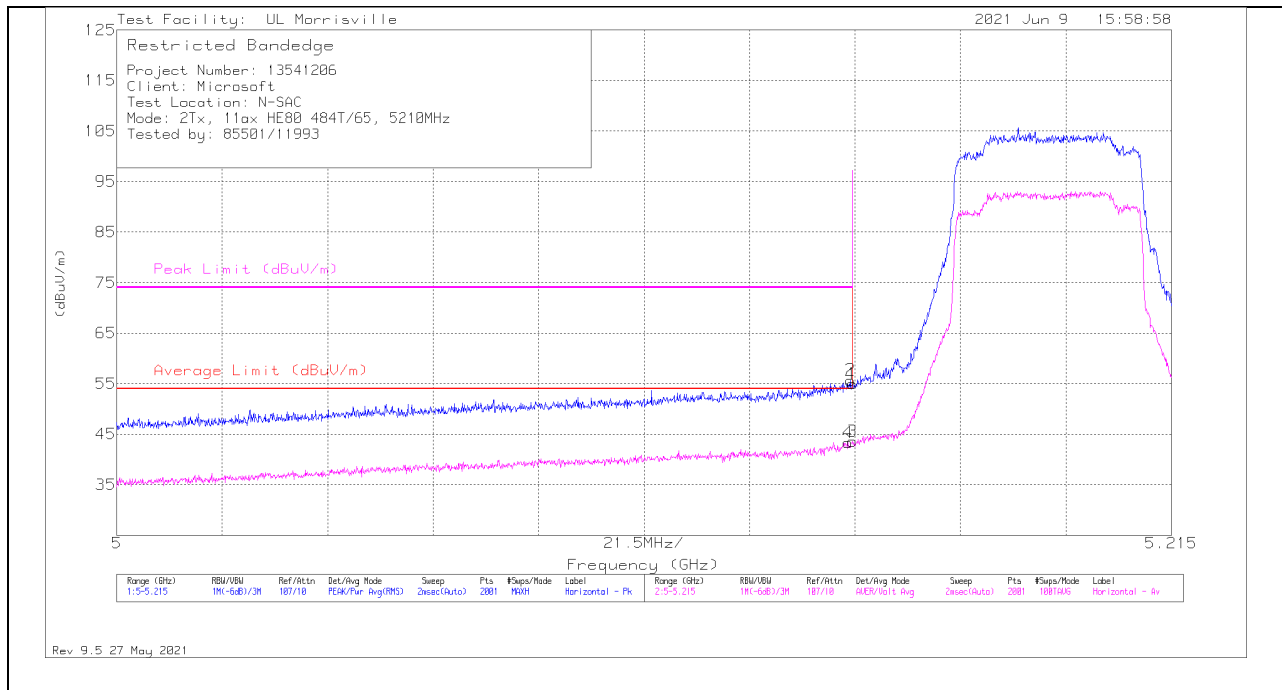


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14999	44.15	Pk	34.2	-22.4	0	55.95	-	-	74	-18.05	26	152	V
2	* ** 5.12773	47.32	Pk	34.1	-22.5	0	58.92	-	-	74	-15.08	26	152	V
3	* ** 5.14999	31.16	ADV	34.2	-22.4	.24	43.2	54	-10.8	-	-	26	152	V
4	* ** 5.14914	31.87	ADV	34.2	-22.4	.24	43.91	54	-10.09	-	-	26	152	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

**2TX Antenna A + Antenna B OFDMA MODE: 484-Tones, RU Index 65
 BANEDGE (MID CHANNEL)**

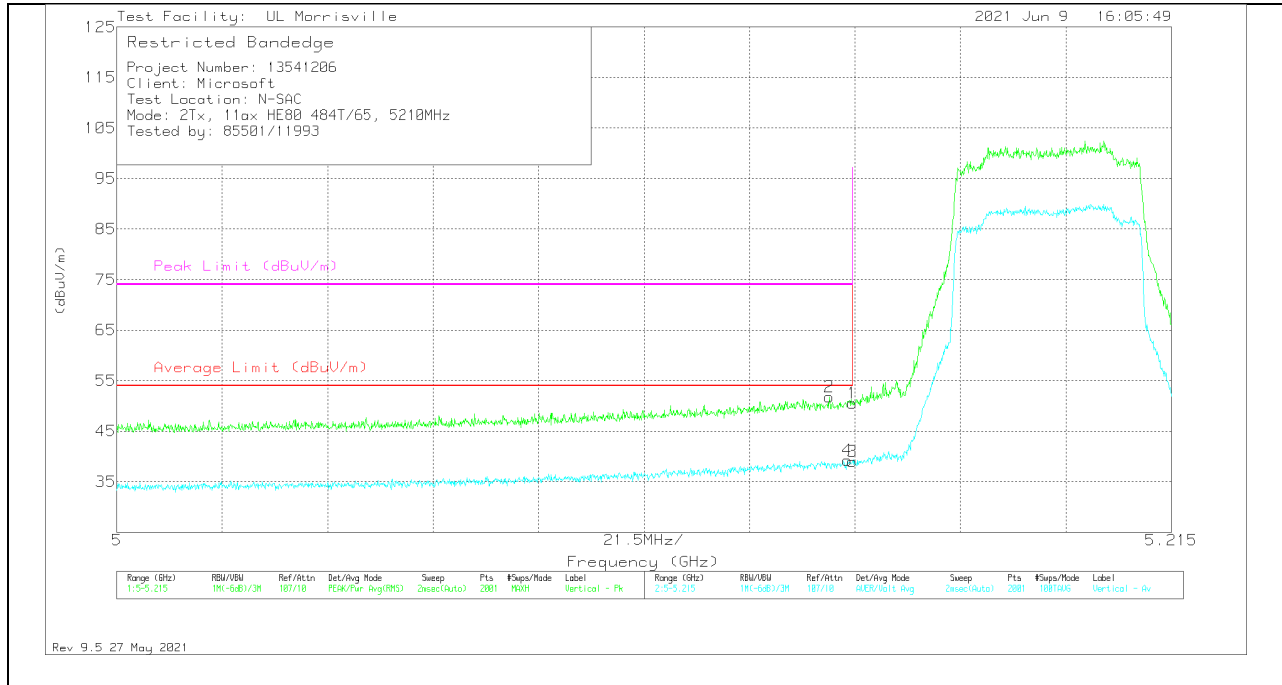
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0087 (db/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14996	43.46	PK	34.4	-22.8	55.06	-	-	74	-18.94	337	239	H
2	* ** 5.14953	44.09	PK	34.4	-22.8	55.69	-	-	74	-18.31	337	239	H
3	* ** 5.14996	31.98	ADV	34.4	-22.8	43.58	54	-10.42	-	-	337	239	H
4	* ** 5.1491	31.78	ADV	34.4	-22.8	43.38	54	-10.62	-	-	337	239	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0087 (db/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14996	38.99	Pk	34.4	-22.8	50.59	-	-	74	-23.41	59	239	V
2	** 5.14523	40.15	Pk	34.4	-22.8	51.75	-	-	74	-22.25	59	239	V
3	*** 5.14996	27.36	ADV	34.4	-22.8	38.96	54	-15.04	-	-	59	239	V
4	*** 5.149	27.59	ADV	34.4	-22.8	39.19	54	-14.81	-	-	59	239	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

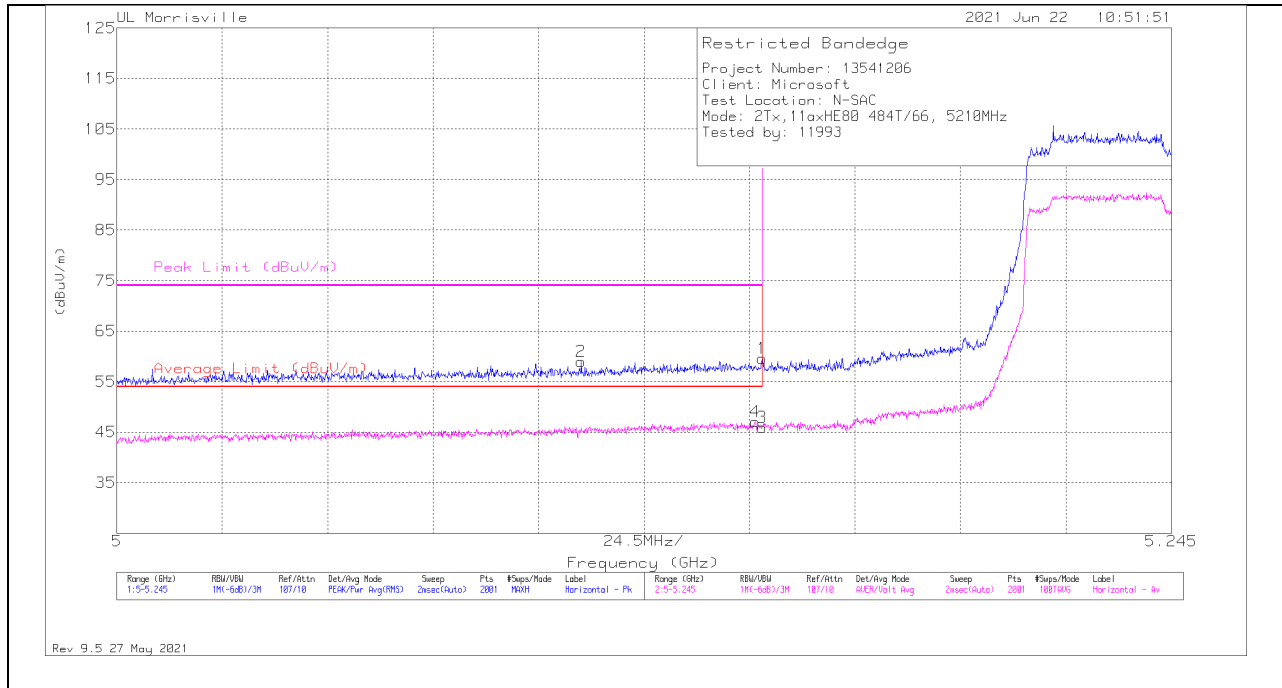
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**2TX Antenna A + Antenna B OFDMA MODE: 484-Tones, RU Index 66
 BANDEDGE (MID CHANNEL)**

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14994	35.7	Pk	34.2	-10.3	59.6	-	-	74	-14.4	19	266	H
2	*** 5.10792	35.18	Pk	34.1	-10.3	58.98	-	-	74	-15.02	19	266	H
3	*** 5.14994	22.09	ADV	34.2	-10.3	45.99	54	-8.01	-	-	19	266	H
4	*** 5.14835	23.16	ADV	34.2	-10.3	47.06	54	-6.94	-	-	19	266	H

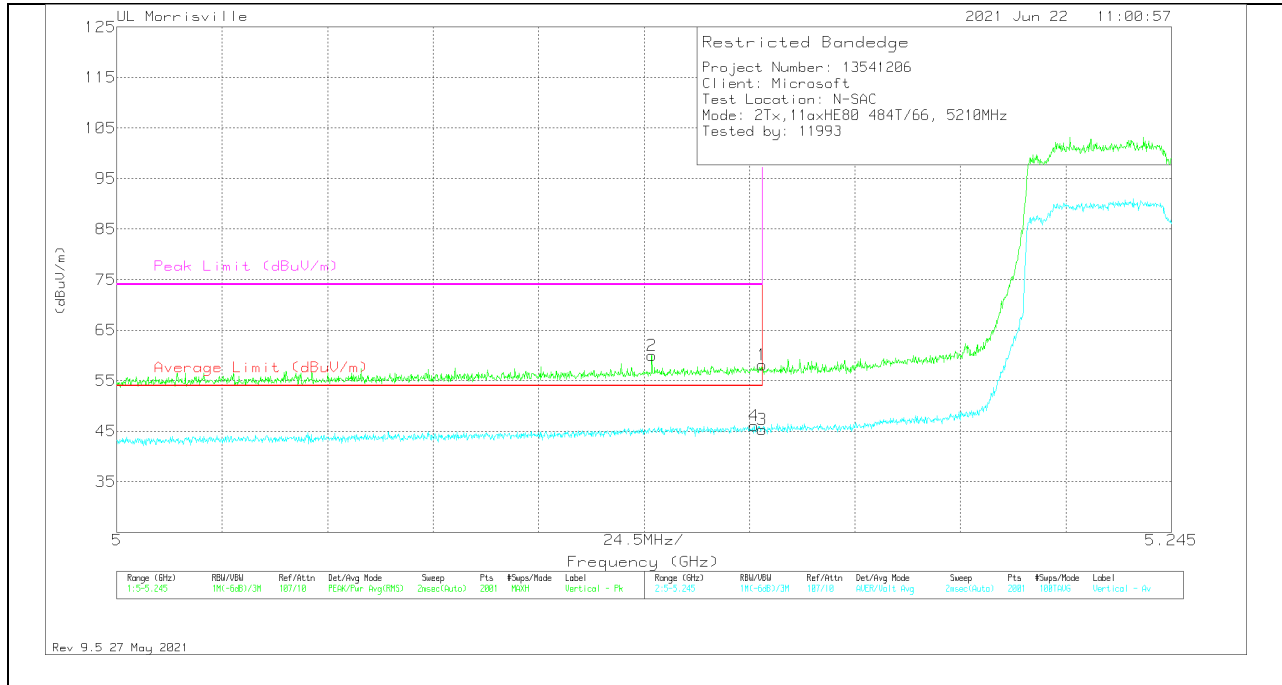
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14994	34.2	Pk	34.2	-10.3	58.1	-	-	74	-15.9	108	321	V
2	*** 5.12434	36.1	Pk	34.1	-10.2	60	-	-	74	-14	108	321	V
3	** 5.14994	21.39	ADV	34.2	-10.3	45.29	54	-8.71	-	-	108	321	V
4	*** 5.1481	22.22	ADV	34.2	-10.3	46.12	54	-7.88	-	-	108	321	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

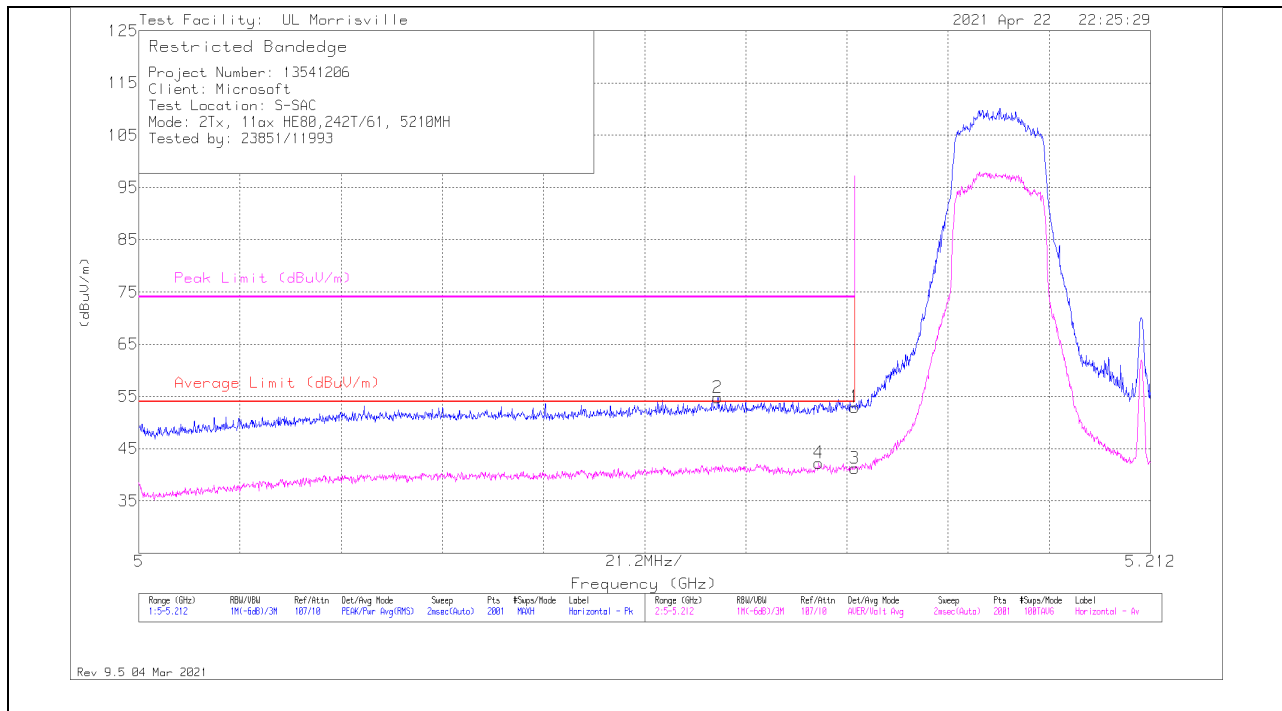
Pk - Peak detector

ADV - Linear Voltage Average

2TX Antenna A + Antenna B OFDMA MODE: 242-Tones, RU Index 61

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14999	41.16	Pk	34.2	-22.4	52.96	-	-	74	-21.04	9	176	H
2	* ** 5.12126	43.21	Pk	34.1	-22.5	54.81	-	-	74	-19.19	9	176	H
3	* ** 5.14999	29.48	ADV	34.2	-22.4	41.28	54	-12.72	-	-	9	176	H
4	* ** 5.14246	30.68	ADV	34.1	-22.5	42.28	54	-11.72	-	-	9	176	H

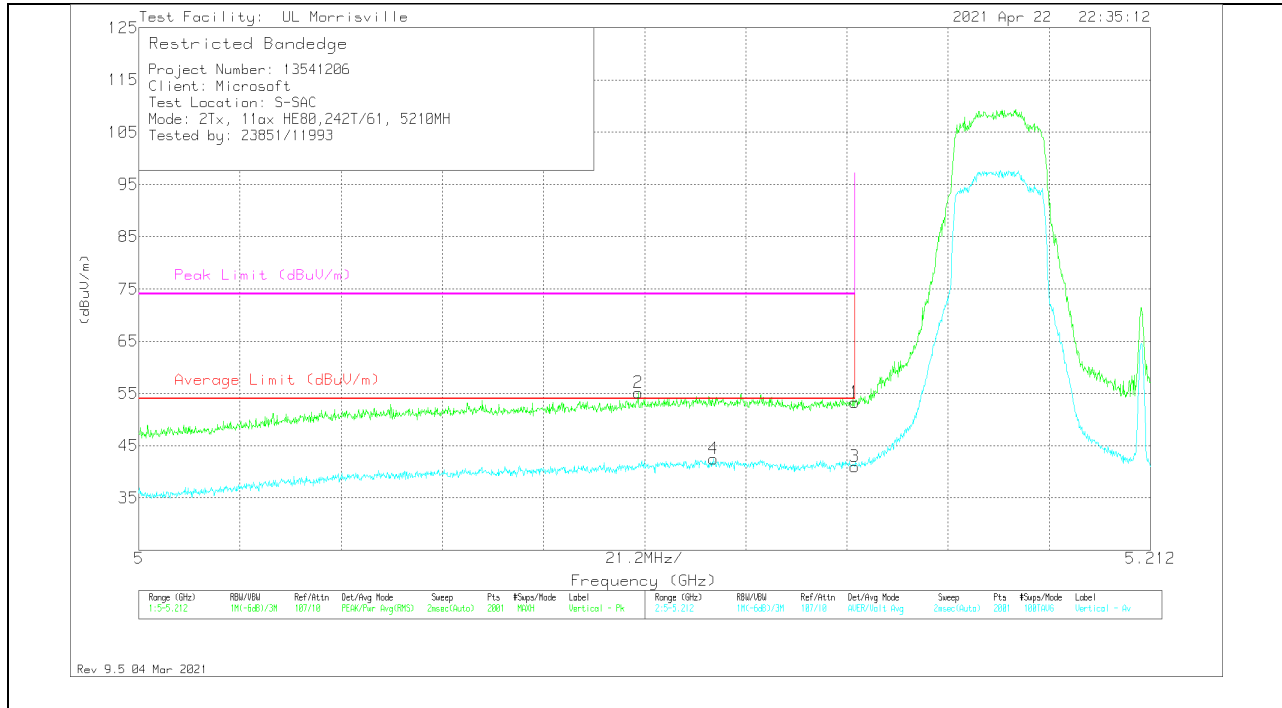
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

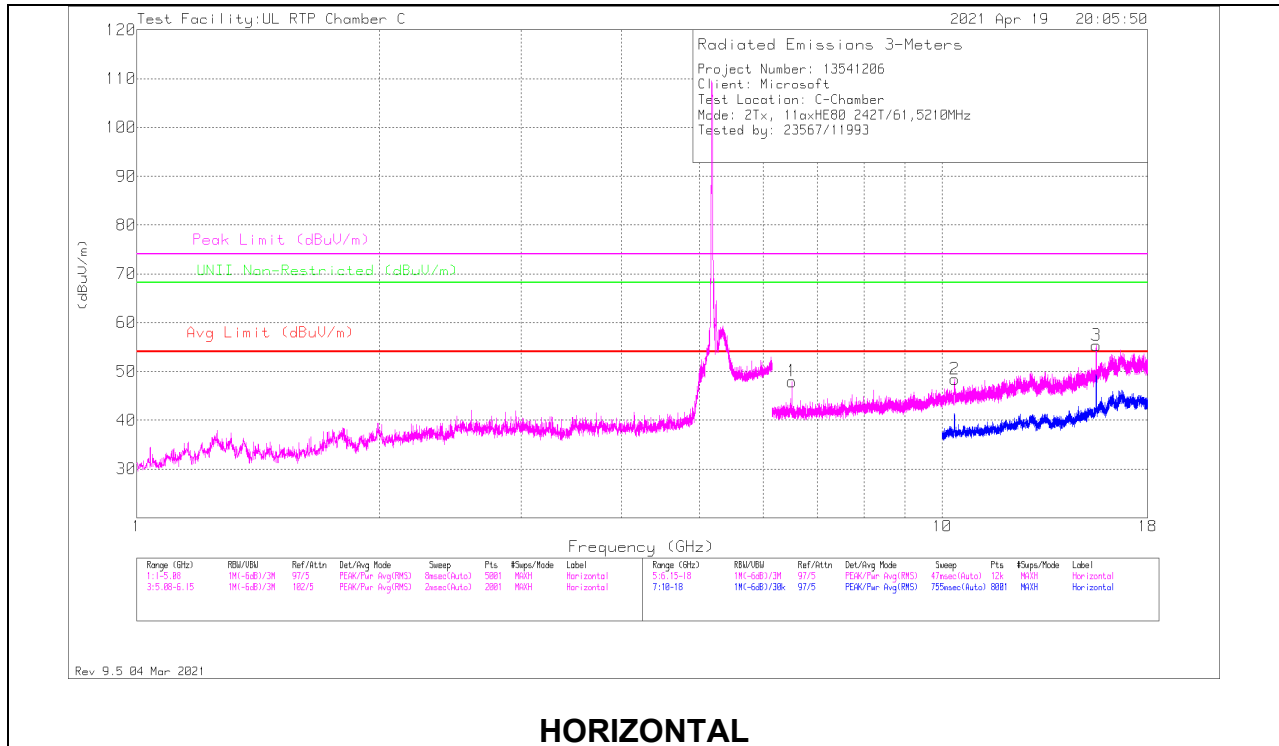


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	41.42	PK	34.2	-22.4	53.22	-	-	74	-20.78	37	353	V
2	*** 5.10462	43.49	PK	34.1	-22.5	55.09	-	-	74	-18.91	37	353	V
3	*** 5.14999	29.14	ADV	34.2	-22.4	40.94	54	-13.06	-	-	37	353	V
4	*** 5.12042	30.83	ADV	34.1	-22.5	42.43	54	-11.57	-	-	37	353	V

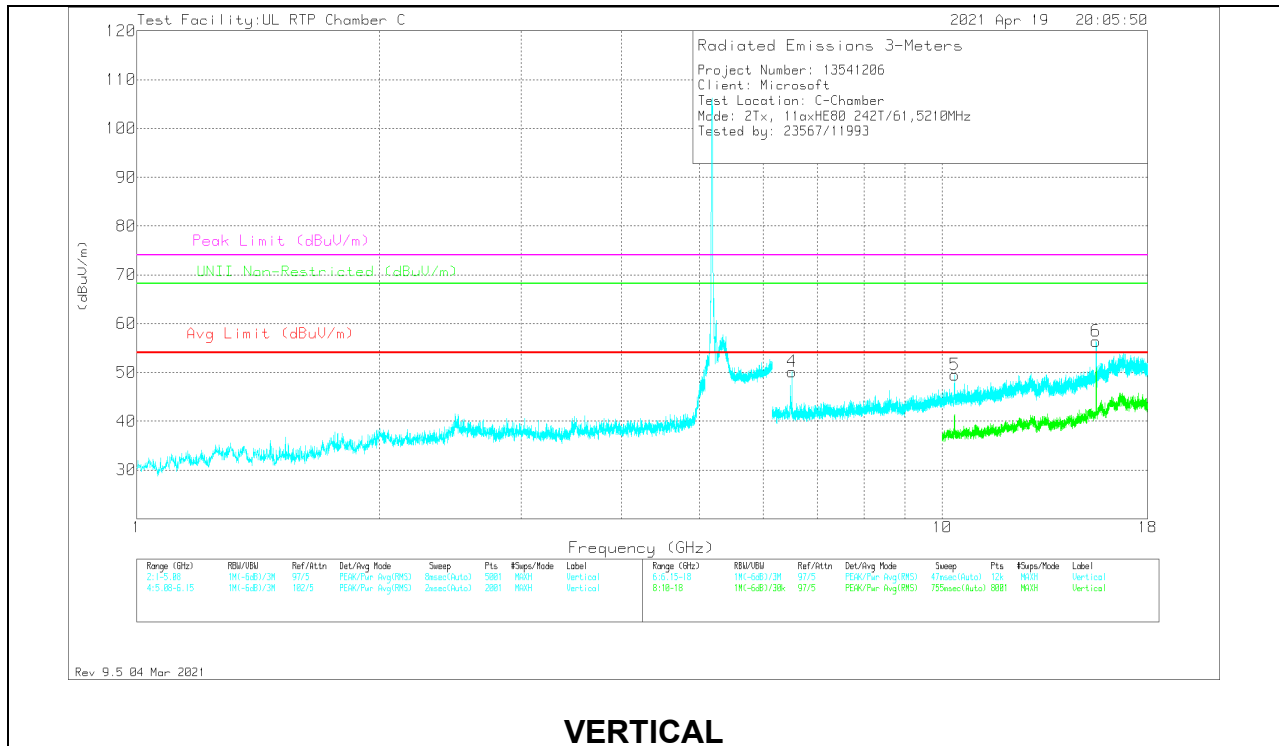
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

MID



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* ** 15.53746	55.56	PK-U	40.4	-34.9	61.06	-	-	74	-12.94	-	-	250	101	H
	* ** 15.54077	42.02	ADV	40.4	-34.6	47.82	54	-6.18	-	-	-	-	250	101	H
6	* ** 15.54079	56.53	PK-U	40.4	-34.6	62.33	-	-	74	-11.67	-	-	259	251	V
	* ** 15.53952	43.2	ADV	40.4	-34.7	48.9	54	-5.1	-	-	-	-	259	251	V
4	6.51254	65.67	PK-U	35.8	-45.9	55.57	-	-	-	-	68.2	-12.63	188	227	V
5	10.36537	56.43	PK-U	37.8	-41.6	52.63	-	-	-	-	68.2	-15.57	256	185	V
2	10.36947	56.95	PK-U	37.8	-41.7	53.05	-	-	-	-	68.2	-15.15	119	185	H
1	6.51241	58.05	Pk	35.8	-45.9	47.95	-	-	-	-	68.2	-20.25	0-360	200	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

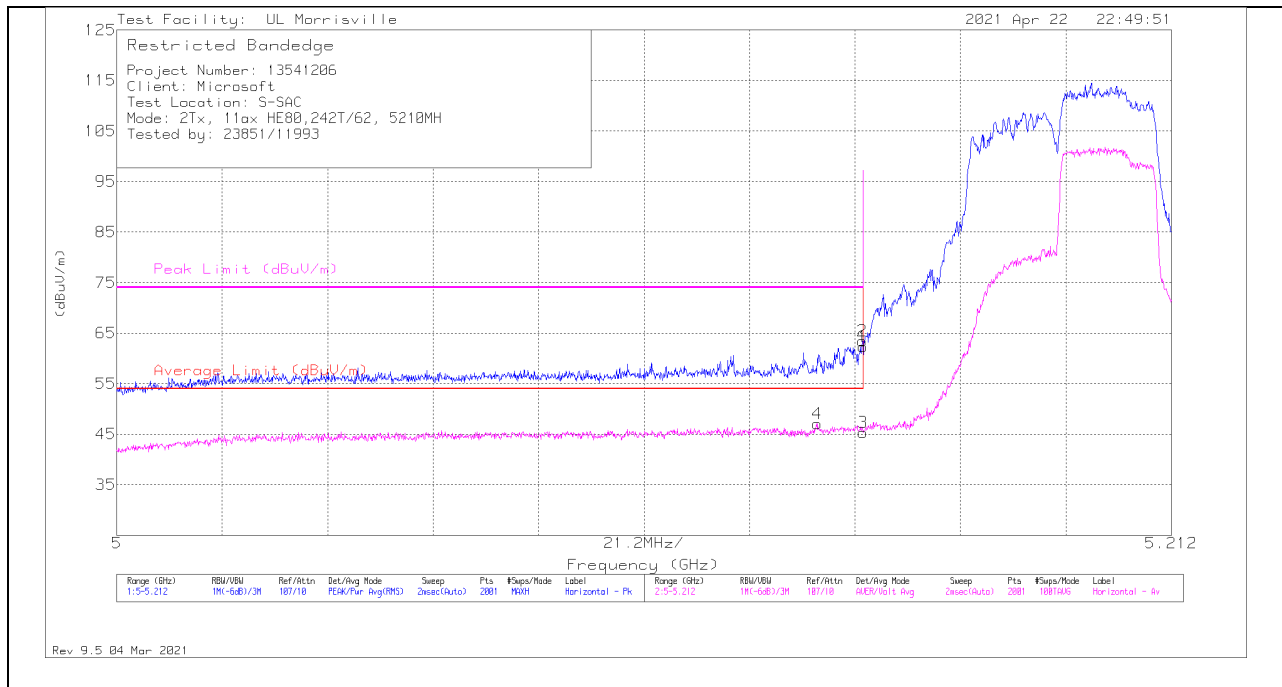
ADV - Linear Voltage Average

Pk - Peak detector

2TX Antenna A + Antenna B OFDMA MODE: 242-Tones, RU Index 62

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14999	50.48	Pk	34.2	-22.4	62.28	-	-	74	-11.72	20	247	H
2	* ** 5.14988	51.68	Pk	34.2	-22.4	63.48	-	-	74	-10.52	20	247	H
3	* ** 5.14999	33.51	ADV	34.2	-22.4	45.31	54	-8.69	-	-	20	247	H
4	* ** 5.14087	35.45	ADV	34.1	-22.5	47.05	54	-6.95	-	-	20	247	H

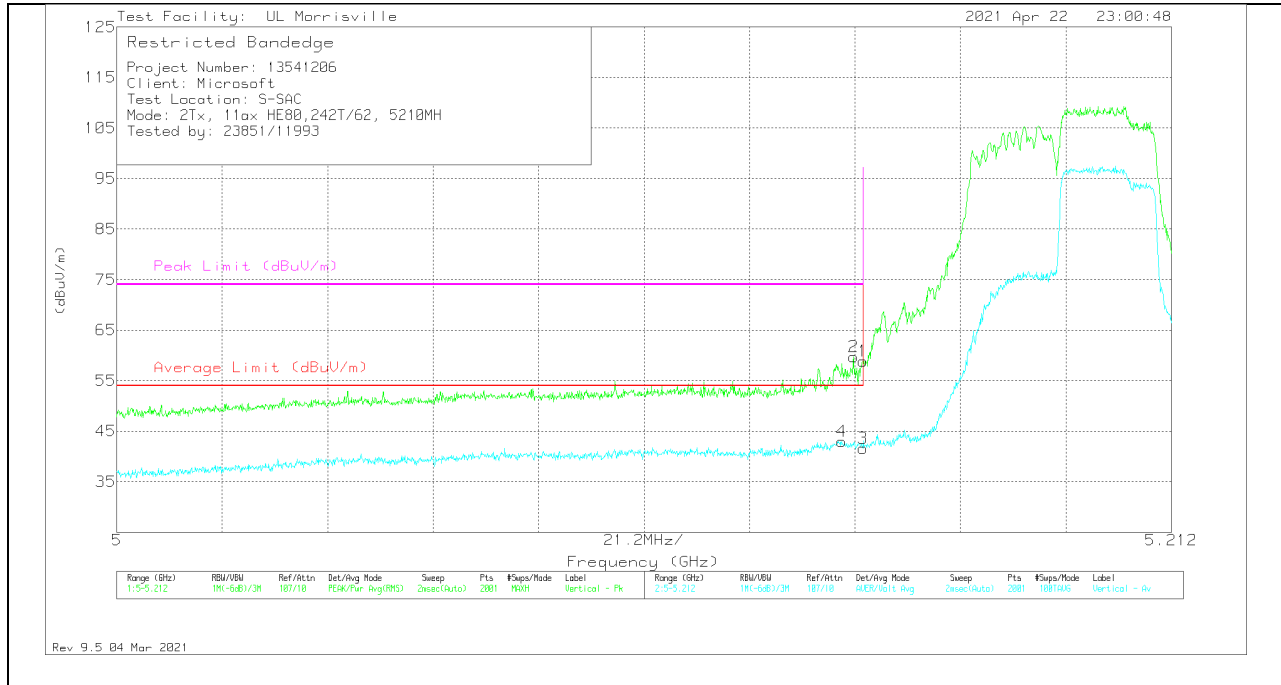
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14999	47.07	Pk	34.2	-22.4	58.87	-	-	74	-15.13	214	361	V
2	* ** 5.14808	47.88	Pk	34.2	-22.4	59.68	-	-	74	-14.32	214	361	V
3	* ** 5.14999	29.81	ADV	34.2	-22.4	41.61	54	-12.39	-	-	214	361	V
4	* ** 5.14575	31.25	ADV	34.1	-22.4	42.95	54	-11.05	-	-	214	361	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

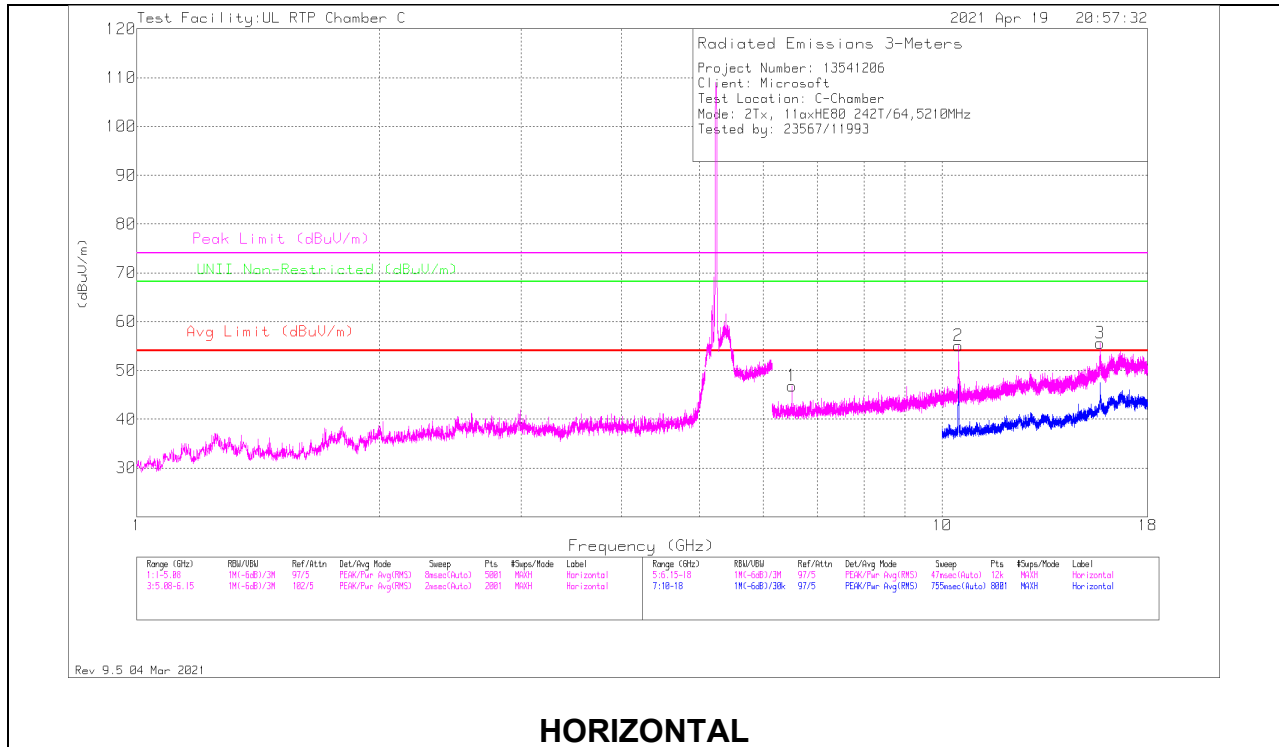
Pk - Peak detector

ADV - Linear Voltage Average

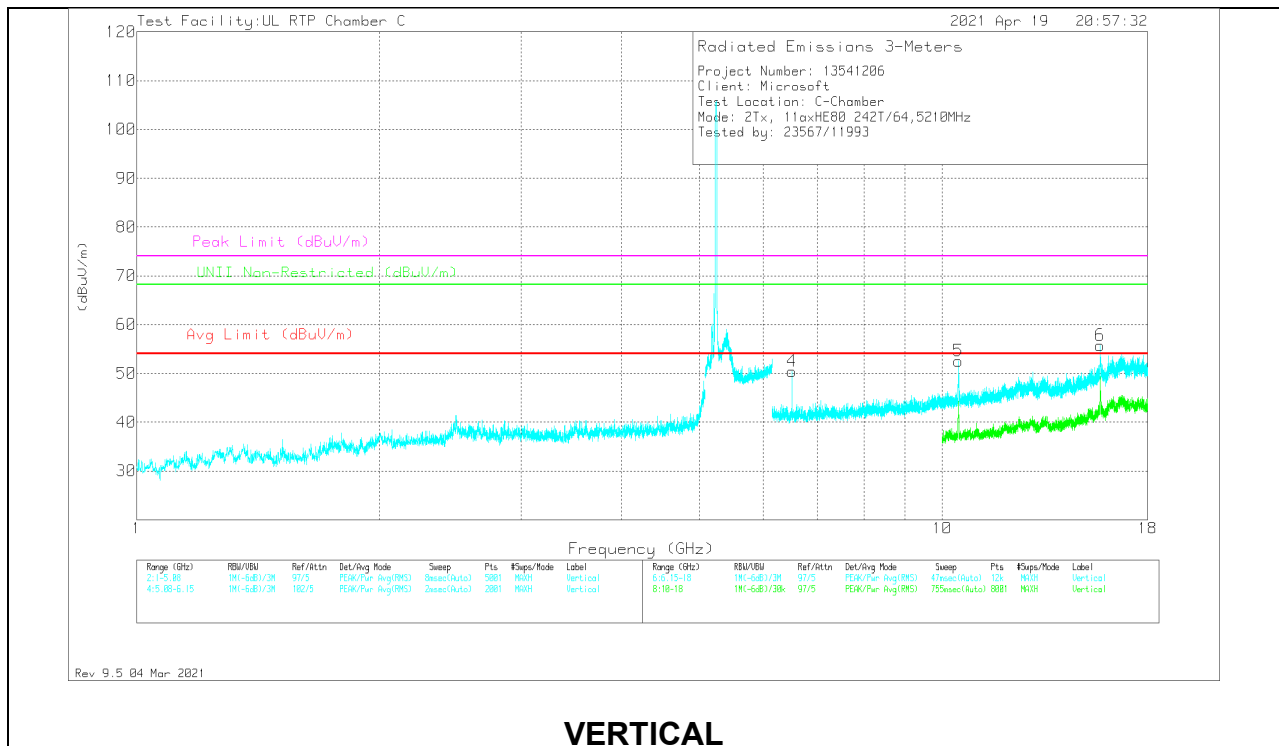
2TX Antenna A + Antenna B OFDMA MODE: 242-Tones, RU Index 64

HARMONICS AND SPURIOUS EMISSIONS

MID



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* ** 15.71204	50.82	PK-U	40.7	-34.3	57.22	-	-	74	-16.78	-	-	242	259	H
	* ** 15.71426	37.26	ADV	40.7	-34.3	43.66	54	-10.34	-	-	-	-	242	259	H
6	* ** 15.71535	52.21	PK-U	40.7	-34.3	58.61	-	-	74	-15.39	-	-	196	333	V
	* ** 15.71803	38.72	ADV	40.7	-34.2	45.22	54	-8.78	-	-	-	-	196	333	V
4	6.51242	64.91	PK-U	35.8	-45.9	54.81	-	-	-	-	68.2	-13.39	208	219	V
2	10.47676	60.98	PK-U	37.8	-39.7	59.08	-	-	-	-	68.2	-9.12	269	105	H
5	10.48105	59.77	PK-U	37.8	-40	57.57	-	-	-	-	68.2	-10.63	262	226	V
1	6.51241	56.92	Pk	35.8	-45.9	46.82	54	-7.18	74	-27.18	68.2	-21.38	0-360	101	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

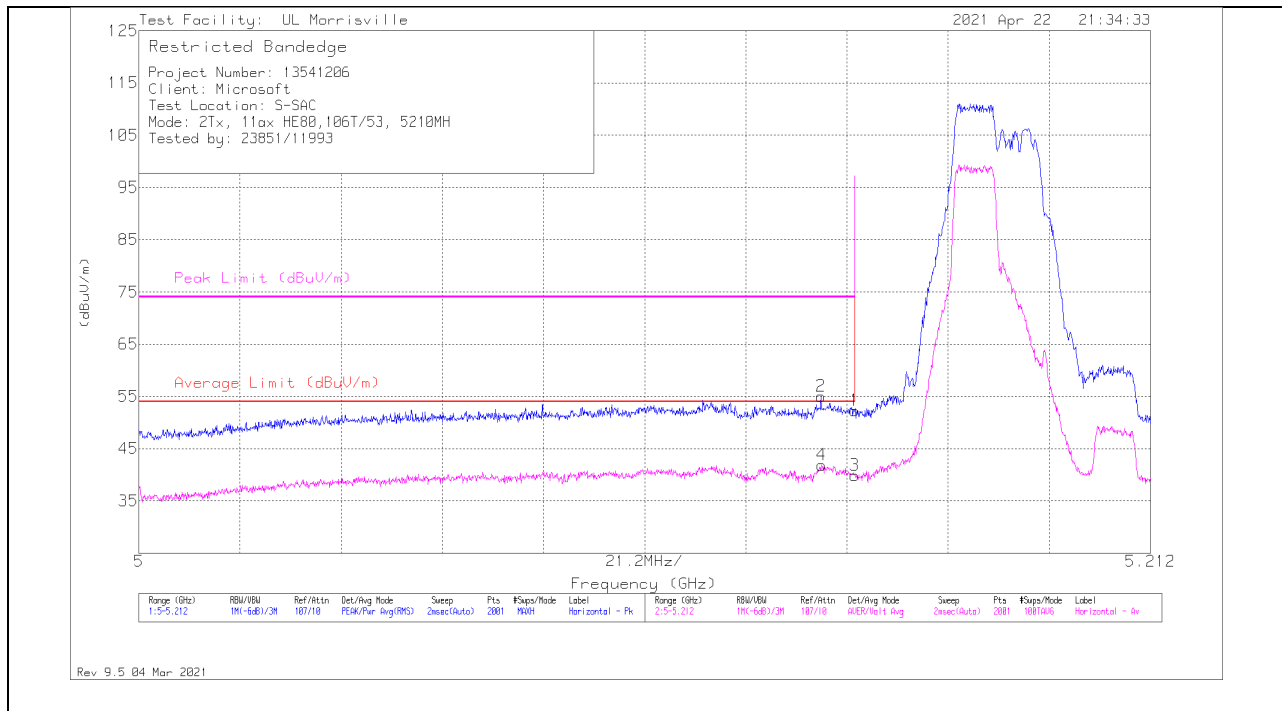
ADV - Linear Voltage Average

Pk - Peak detector

2TX Antenna A + Antenna B OFDMA MODE: 106-Tones, RU Index 53

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** * 5.14999	40.5	Pk	34.2	-22.4	52.3	-	-	74	-21.7	21	319	H
2	** * 5.14299	43.39	Pk	34.1	-22.5	54.99	-	-	74	-19.01	21	319	H
3	** * 5.14999	28.06	ADV	34.2	-22.4	39.86	54	-14.14	-	-	21	319	H
4	** * 5.1431	30.23	ADV	34.1	-22.5	41.83	54	-12.17	-	-	21	319	H

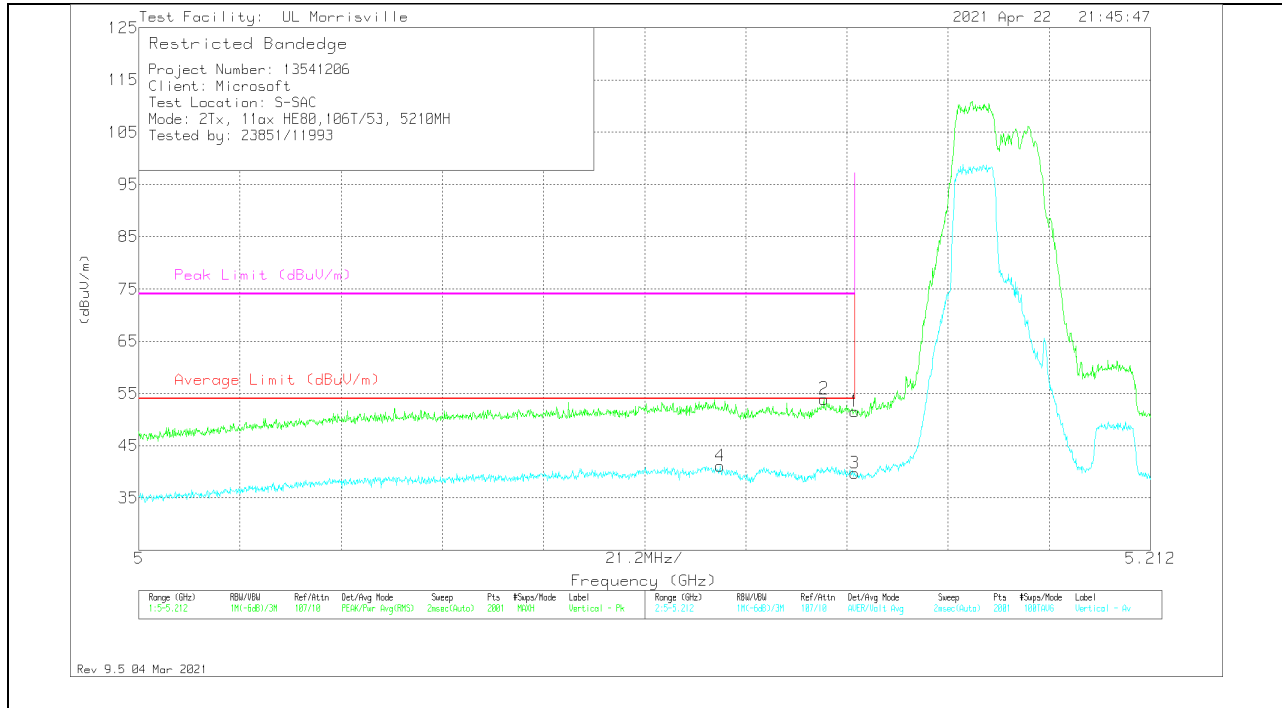
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



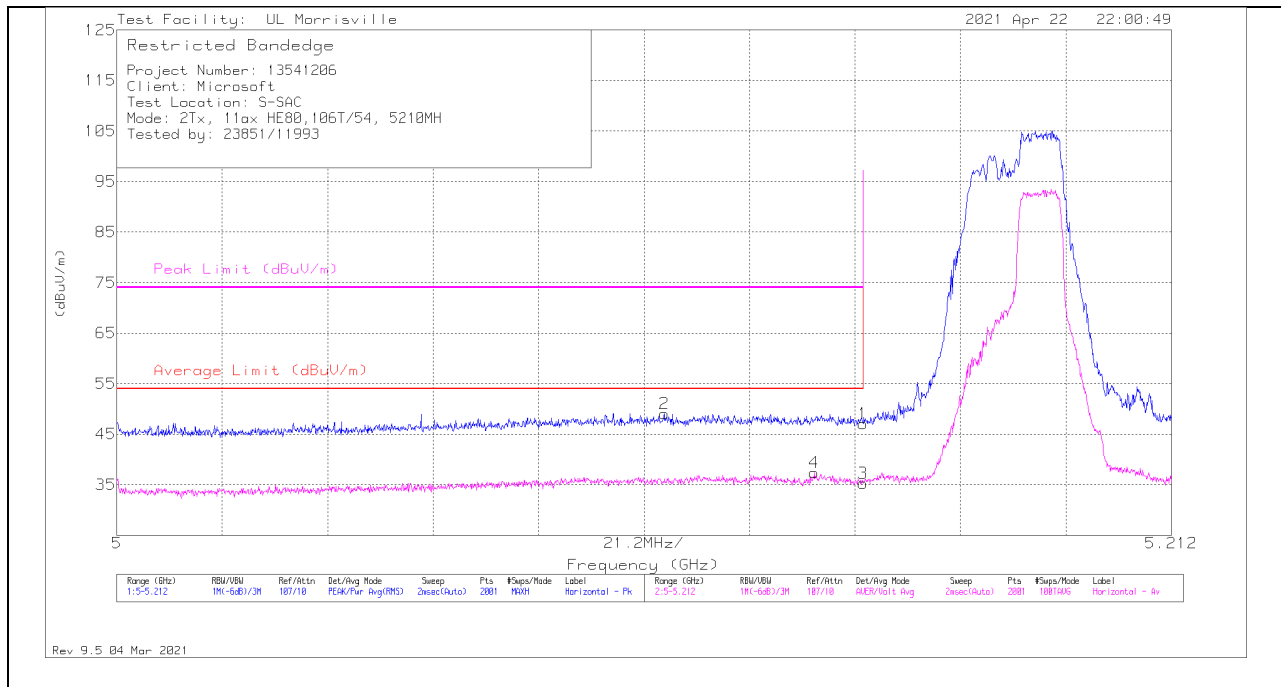
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	39.7	PK	34.2	-22.4	51.5	-	-	74	-22.5	61	353	V
2	*** 5.14363	42.35	PK	34.1	-22.5	53.95	-	-	74	-20.05	61	353	V
3	*** 5.14999	27.98	ADV	34.2	-22.4	39.78	54	-14.22	-	-	61	352	V
4	*** 5.12179	29.55	ADV	34.1	-22.5	41.15	54	-12.85	-	-	61	352	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

2TX Antenna A + Antenna B OFDMA MODE: 106-Tones, RU Index 54

BANDEDGE (MID CHANNEL)

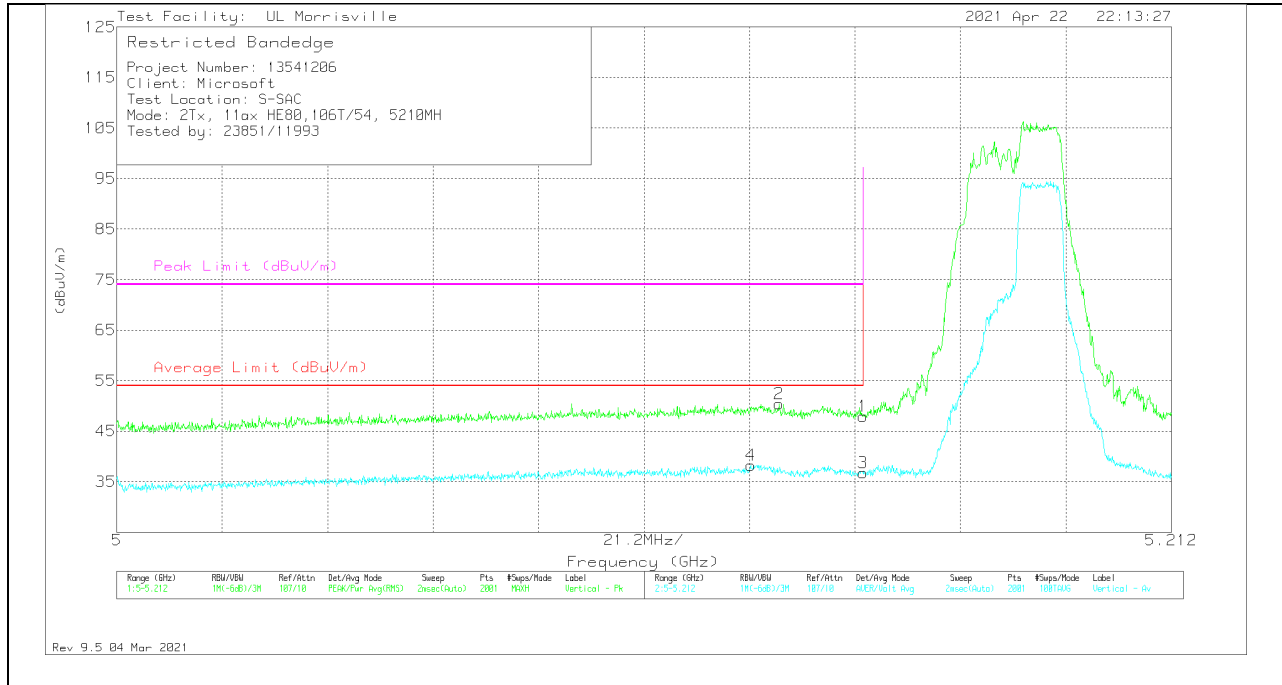
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14999	35.25	Pk	34.2	-22.4	47.05	-	-	74	-26.95	89	386	H
2	* ** 5.11003	37.47	Pk	34.1	-22.5	49.07	-	-	74	-24.93	89	386	H
3	* ** 5.14999	23.47	ADV	34.2	-22.4	35.27	54	-18.73	-	-	89	386	H
4	* ** 5.14024	25.77	ADV	34.1	-22.5	37.37	54	-16.63	-	-	89	386	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14999	36.18	Pk	34.2	-22.4	47.98	-	-	74	-26.02	193	160	V
2	* ** 5.13314	38.85	Pk	34.1	-22.5	50.45	-	-	74	-23.55	193	160	V
3	* ** 5.14999	24.98	ADV	34.2	-22.4	36.78	54	-17.22	-	-	193	160	V
4	* ** 5.12741	26.68	ADV	34.1	-22.5	38.28	54	-15.72	-	-	193	160	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

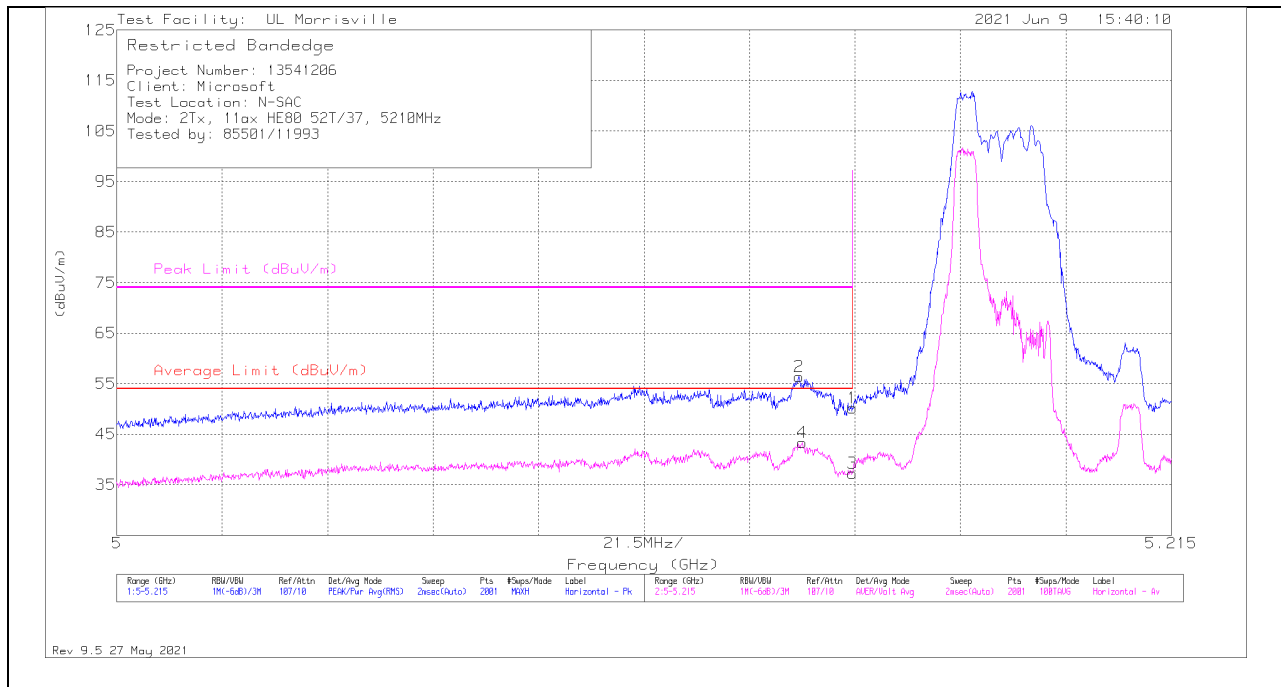
Pk - Peak detector

ADV - Linear Voltage Average

2TX Antenna A + Antenna B OFDMA MODE: 52-Tones, RU Index 37

BANDEGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0087 (db/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14996	38.6	Pk	34.4	-22.8	50.2	-	-	74	-23.8	339	239	H
2	* ** 5.13911	44.71	Pk	34.4	-22.7	56.41	-	-	74	-17.59	339	239	H
3	* ** 5.14996	25.7	ADV	34.4	-22.8	37.3	54	-16.7	-	-	339	239	H
4	* ** 5.13975	31.66	ADV	34.4	-22.7	43.36	54	-10.64	-	-	339	239	H

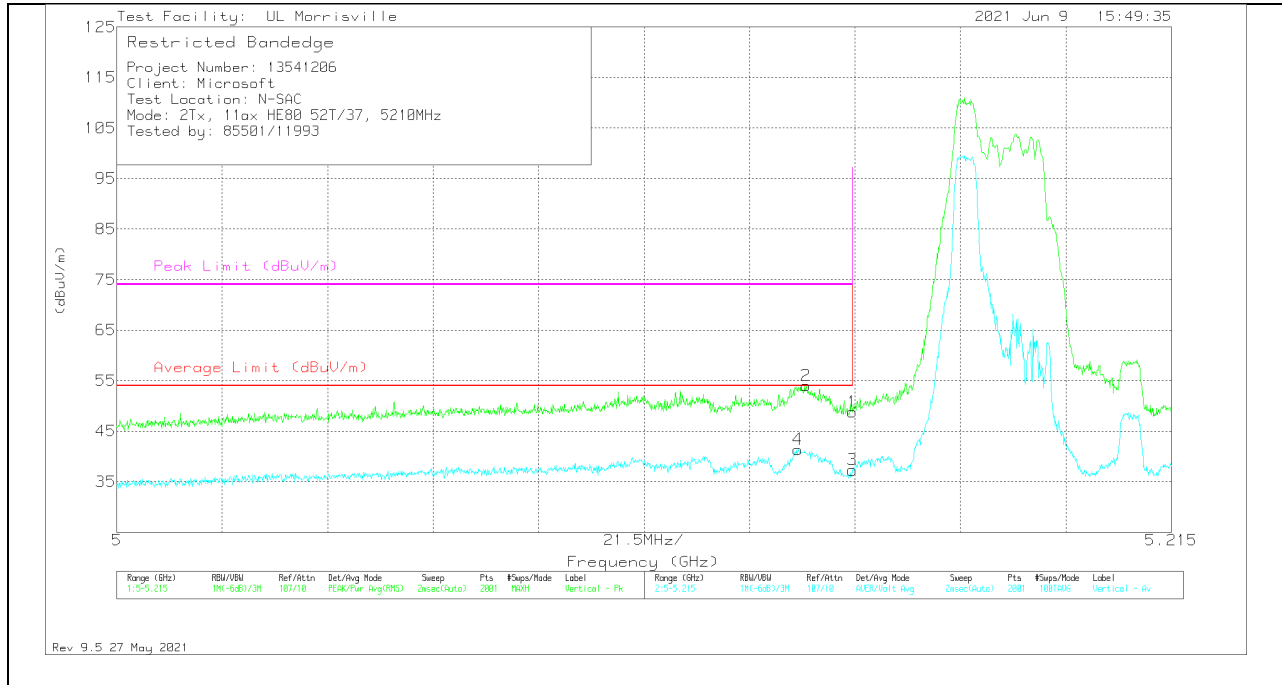
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0087 (db/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14996	37.15	Pk	34.4	-22.8	48.75	-	-	74	-25.25	341	155	V
2	*** 5.1405	42.3	Pk	34.4	-22.7	54	-	-	74	-20	341	155	V
3	*** 5.14996	25.72	ADV	34.4	-22.8	37.32	54	-16.68	-	-	341	155	V
4	*** 5.13889	29.71	ADV	34.4	-22.7	41.41	54	-12.59	-	-	341	155	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

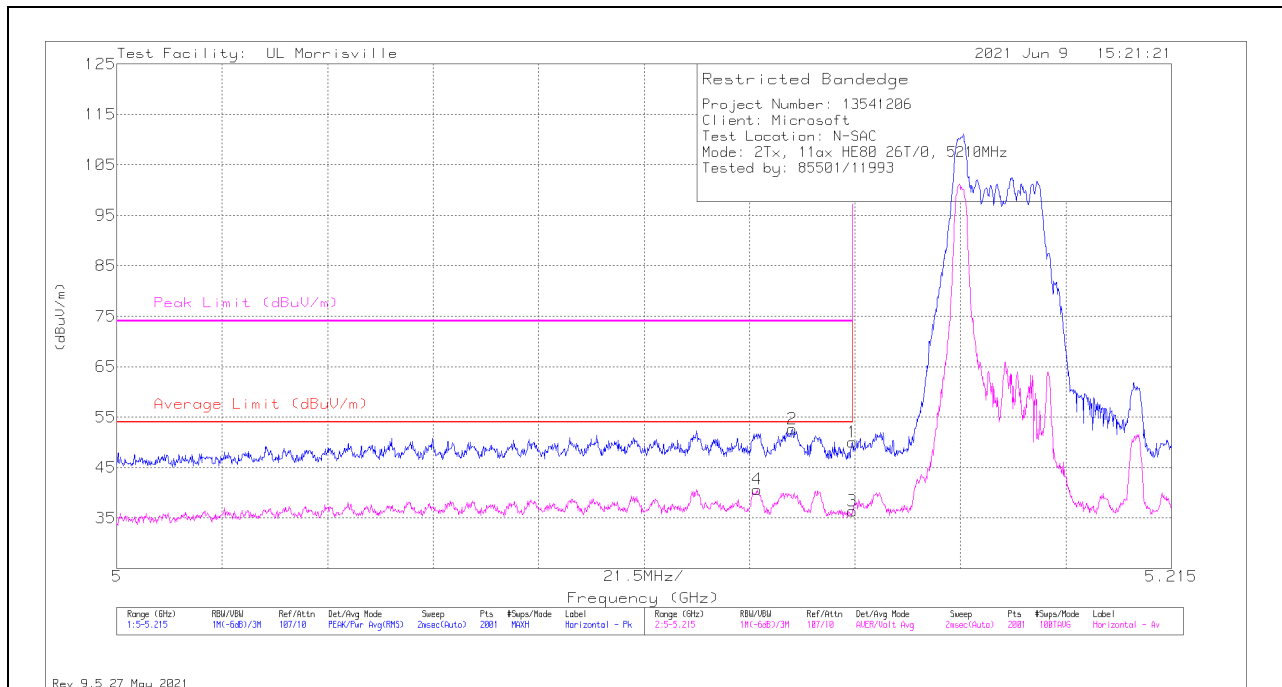
Pk - Peak detector

ADV - Linear Voltage Average

2TX Antenna A + Antenna B OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0087 (db/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14996	38.44	Pk	34.4	-22.8	50.04	-	-	74	-23.96	328	211	H
2	*** 5.13771	41	Pk	34.4	-22.7	52.7	-	-	74	-21.3	328	211	H
3	*** 5.14996	24.79	ADV	34.4	-22.8	36.39	54	-17.61	-	-	328	211	H
4	*** 5.13051	28.97	ADV	34.4	-22.7	40.67	54	-13.33	-	-	328	211	H

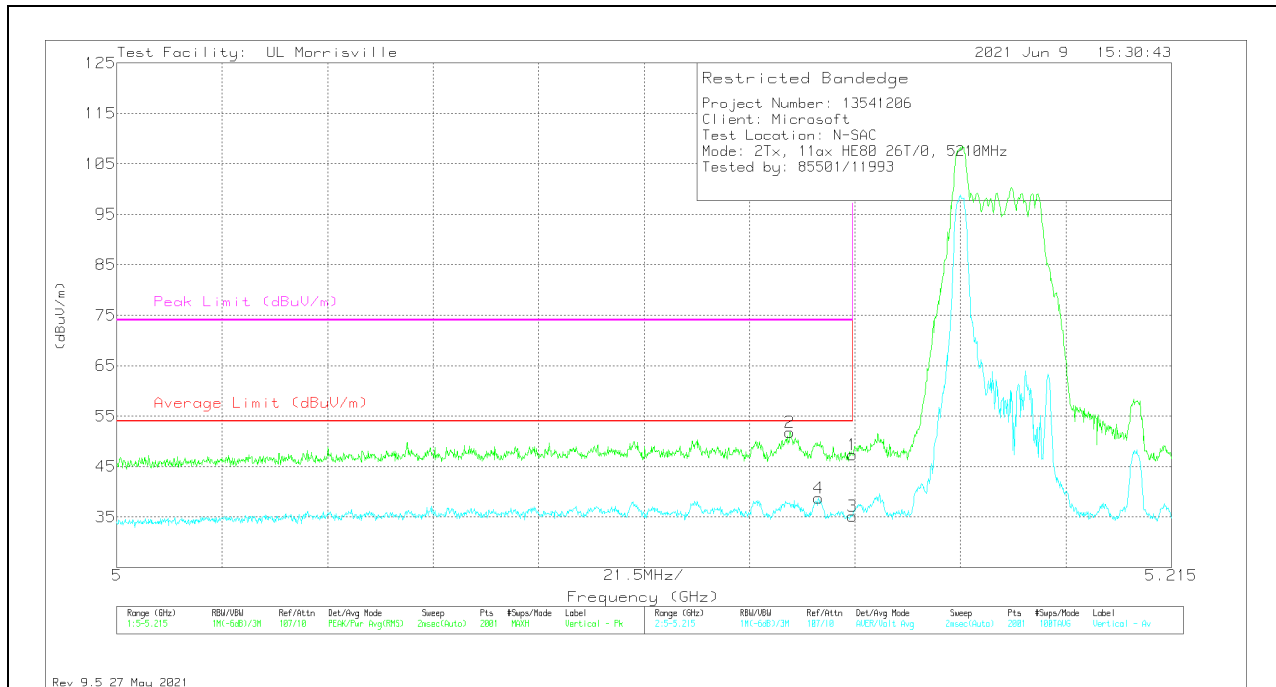
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0087 (db/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14996	35.73	Pk	34.4	-22.8	47.33	-	-	74	-26.67	319	325	V
2	*** 5.13717	40.22	Pk	34.4	-22.8	51.82	-	-	74	-22.18	319	325	V
3	*** 5.14996	23.5	ADV	34.4	-22.8	35.1	54	-18.9	-	-	319	325	V
4	*** 5.14308	27.04	ADV	34.4	-22.7	38.74	54	-15.26	-	-	319	325	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

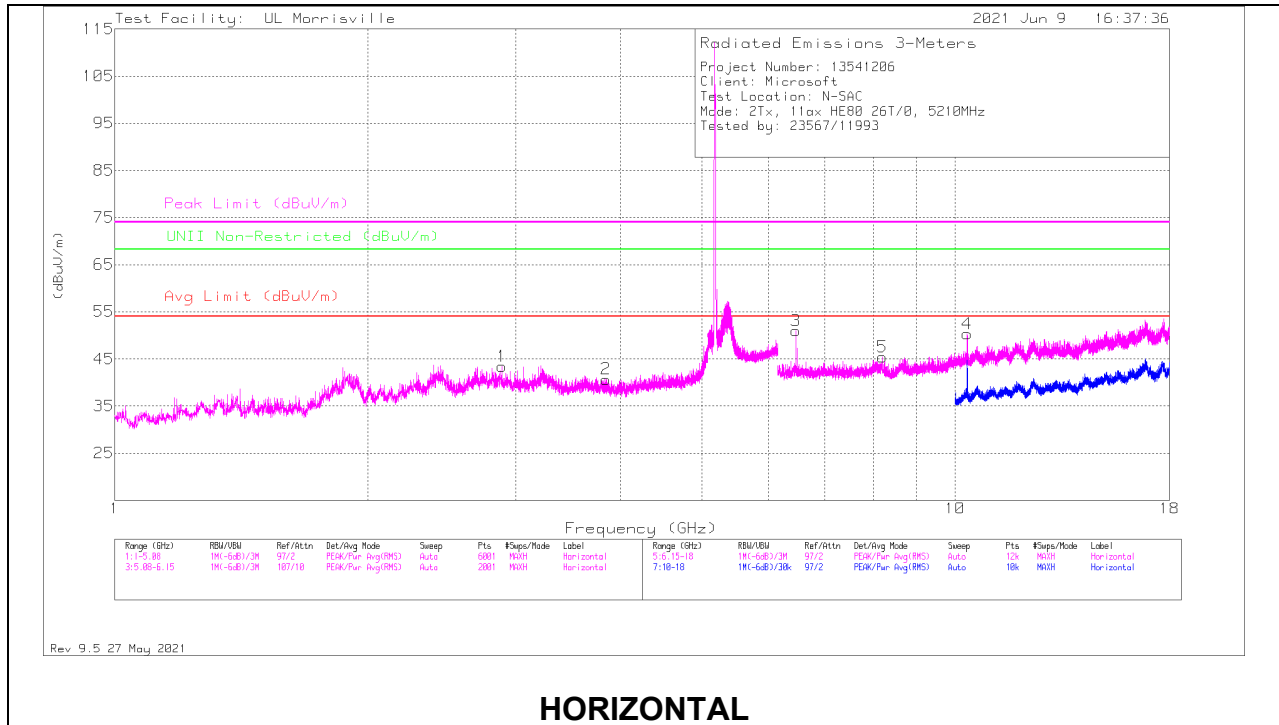
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

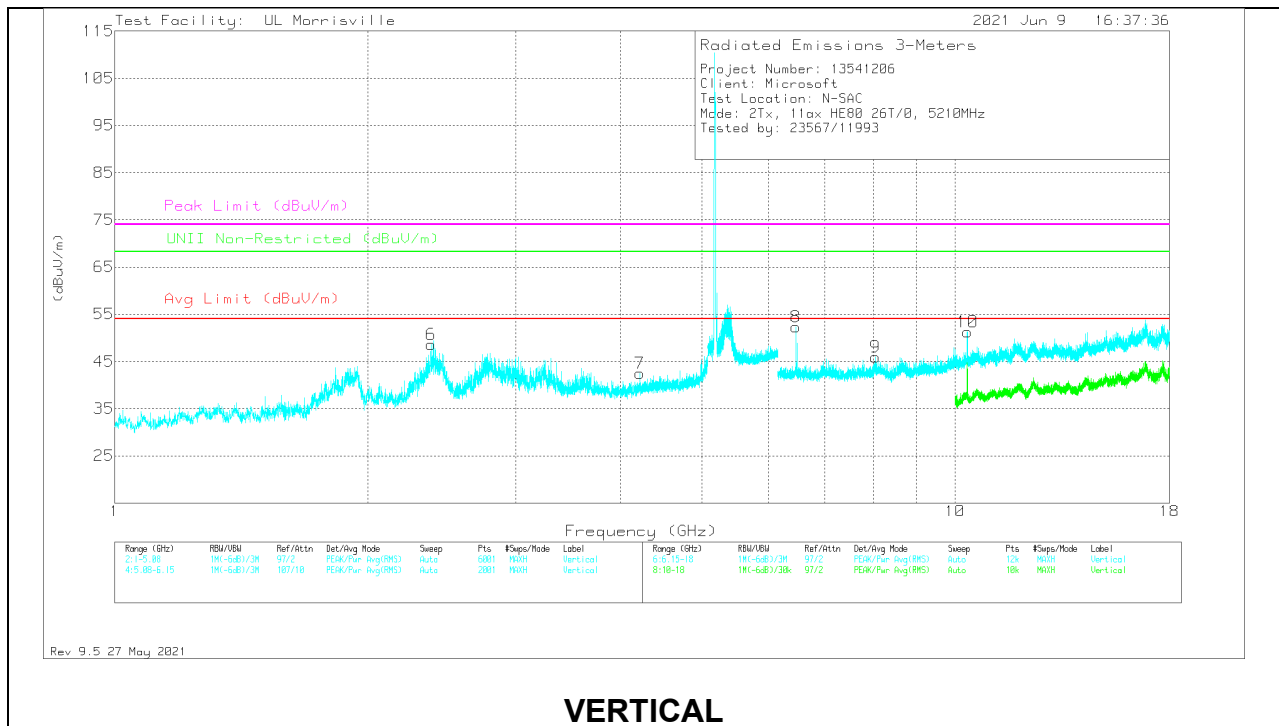
ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

MID



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

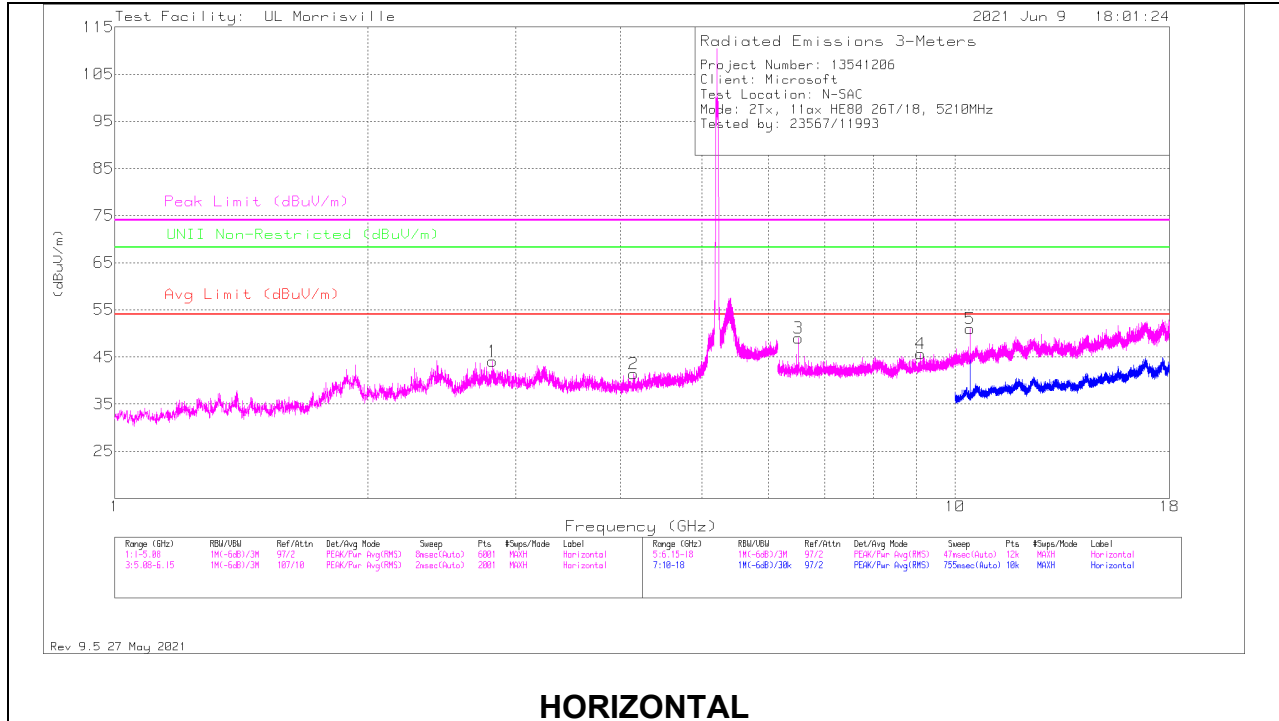
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0087 (db/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	*** 2.37935	54	PK-U	31.9	-34.1	51.8	-	-	74	-22.2	-	-	33	251	V
	*** 2.37821	41.32	ADV	31.9	-34.2	39.02	54	-14.98	-	-	-	-	33	251	V
3	6.46965	46.81	PK-U	35.7	-30	52.51	-	-	74	-21.49	68.2	-15.69	325	391	H
8	6.46979	50.92	PK-U	35.7	-30	56.62	-	-	74	-17.38	68.2	-11.58	339	151	V
10	10.34368	44.11	PK-U	37.4	-25.6	55.91	-	-	74	-18.09	68.2	-12.29	21	143	V
4	10.34536	42.04	PK-U	37.4	-25.7	53.74	-	-	74	-20.26	68.2	-14.46	30	235	H
1	** 2.88904	44.67	Pk	32.6	-33.8	43.47	54	-10.53	74	-30.53	-	-	0-360	101	H
2	** 3.84104	39.99	Pk	33.4	-32.7	40.69	54	-13.31	74	-33.31	-	-	0-360	200	H
7	*** 4.21708	41.34	Pk	33.8	-32.6	42.54	54	-11.46	74	-31.46	-	-	0-360	101	V
5	*** 8.19906	39.05	Pk	35.9	-29.6	45.35	54	-8.65	74	-28.65	-	-	0-360	101	H
9	*** 8.04501	38.49	Pk	35.9	-28.4	45.99	54	-8.01	74	-28.01	-	-	0-360	101	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 Pk - Peak detector

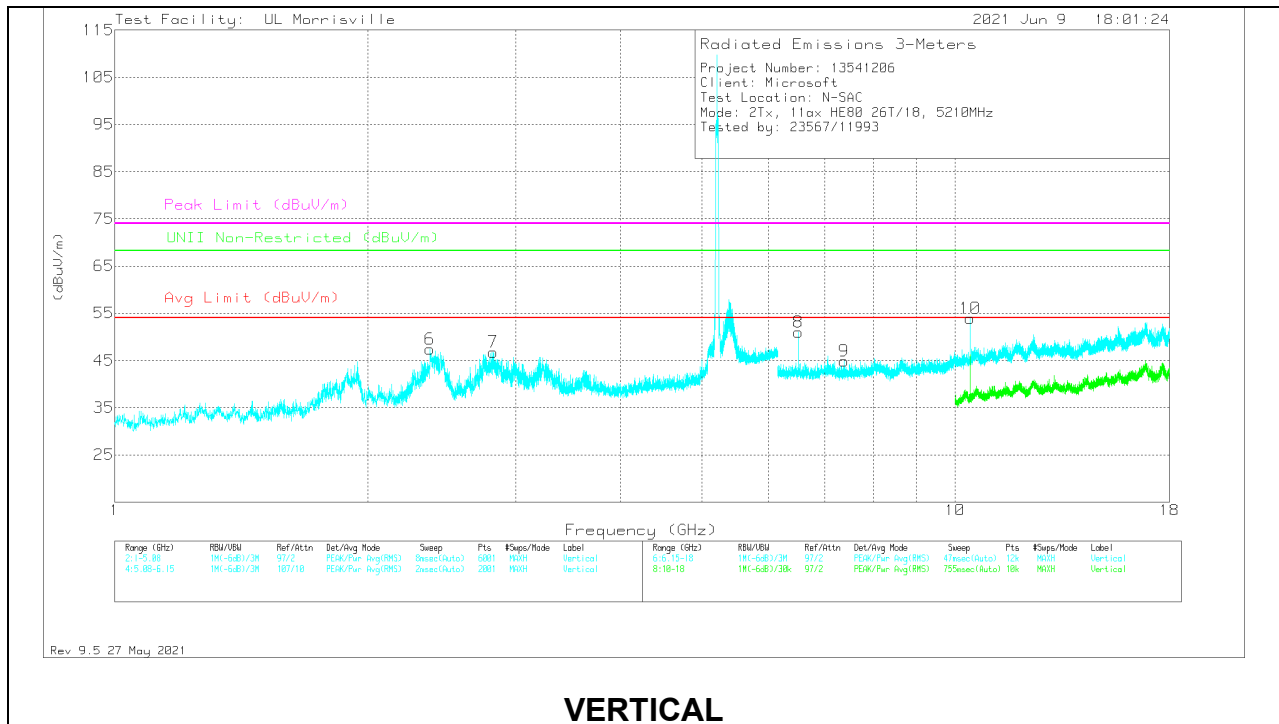
2TX Antenna A + Antenna B OFDMA MODE: 26-Tones, RU Index 18

HARMONICS AND SPURIOUS EMISSIONS

MID



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

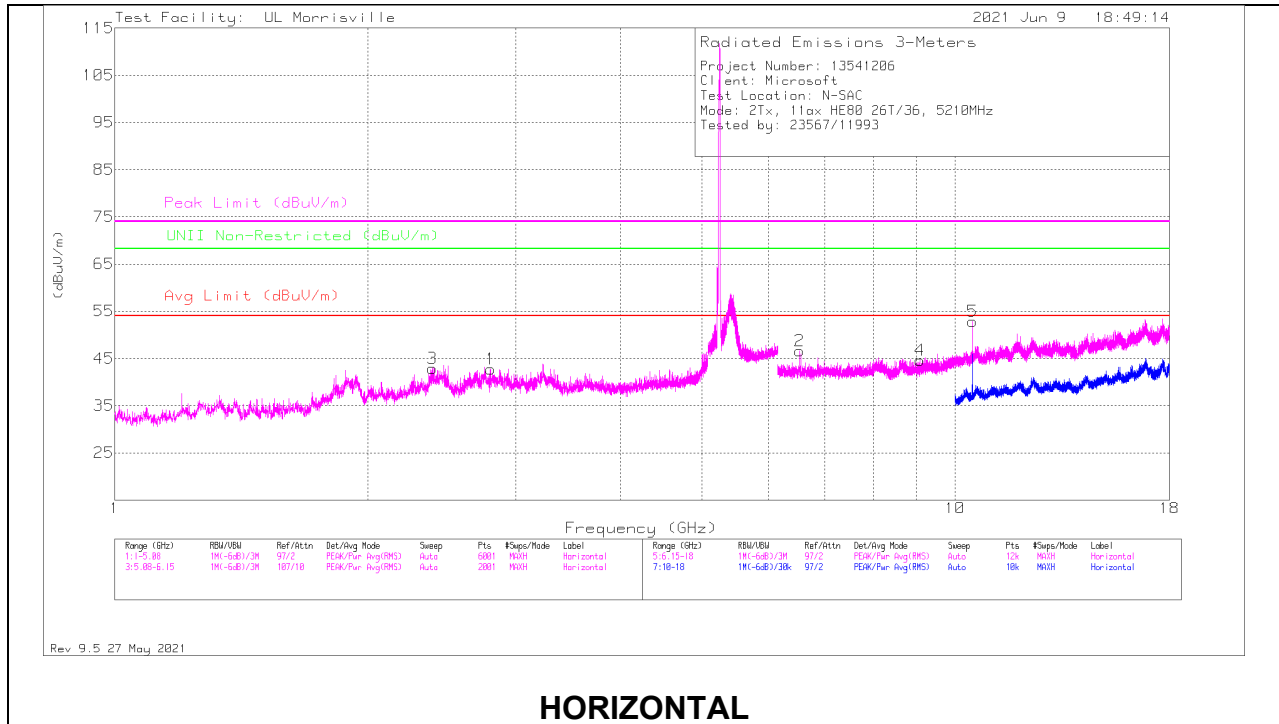
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0087 (db/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
8	6.51247	49.73	PK-U	35.7	-30.5	54.93	-	-	-	-	68.2	-13.27	331	217	V
3	6.51257	46.78	PK-U	35.7	-30.5	51.98	-	-	-	-	68.2	-16.22	328	263	H
10	10.41877	45.59	PK-U	37.5	-27.1	55.99	-	-	-	-	68.2	-12.21	14	204	V
5	10.42094	43.26	PK-U	37.6	-27.1	53.76	-	-	-	-	68.2	-14.44	33	115	H
1	* ** 2.81696	45.38	Pk	32.6	-33.9	44.08	54	-9.92	74	-29.92	-	-	0-360	199	H
2	* ** 4.14296	40.18	Pk	33.5	-32.3	41.38	54	-12.62	74	-32.62	-	-	0-360	101	H
6	* ** 2.37224	49.69	Pk	31.8	-34.1	47.39	54	-6.61	74	-26.61	-	-	0-360	200	V
7	* ** 2.82104	48.1	Pk	32.6	-33.9	46.8	54	-7.2	74	-27.2	-	-	0-360	200	V
4	* ** 9.10263	38.33	Pk	36.3	-28.9	45.73	54	-8.27	74	-28.27	-	-	0-360	101	H
9	* ** 7.38635	39.06	Pk	35.6	-29.8	44.86	54	-9.14	74	-29.14	-	-	0-360	200	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 Pk - Peak detector

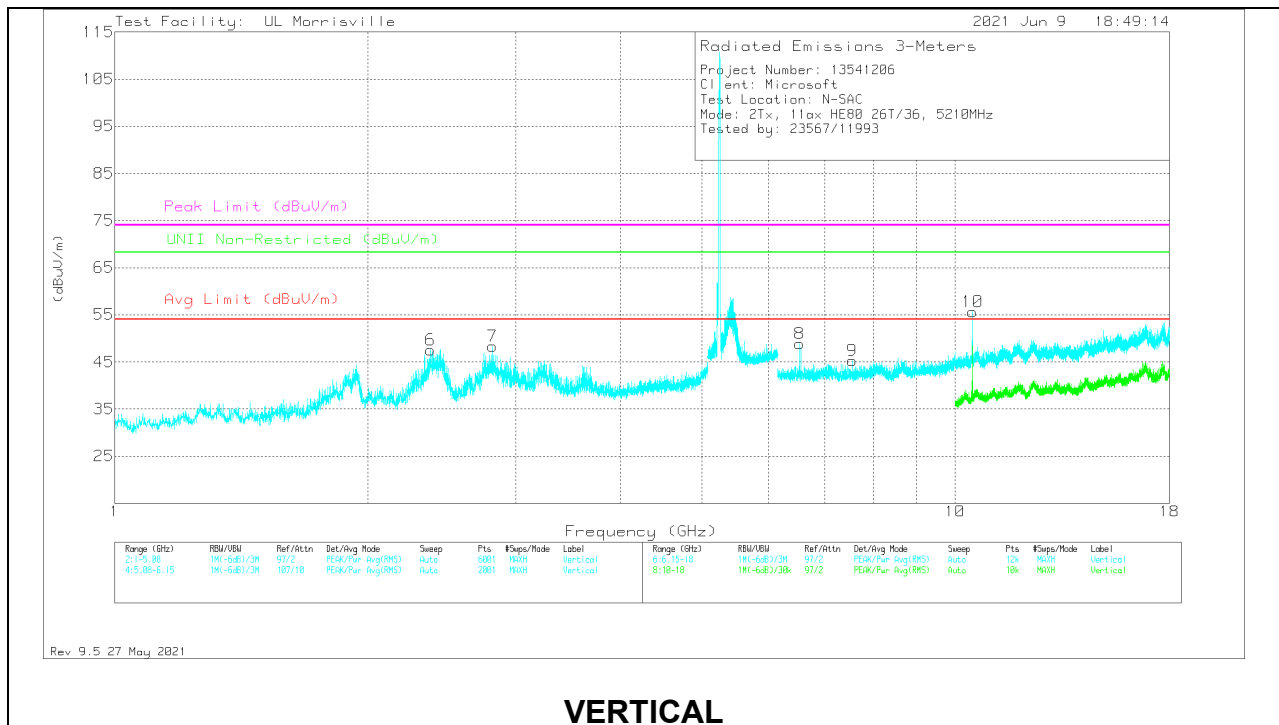
2TX Antenna A + Antenna B OFDMA MODE: 26-Tones, RU Index 36

HARMONICS AND SPURIOUS EMISSIONS

MID



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

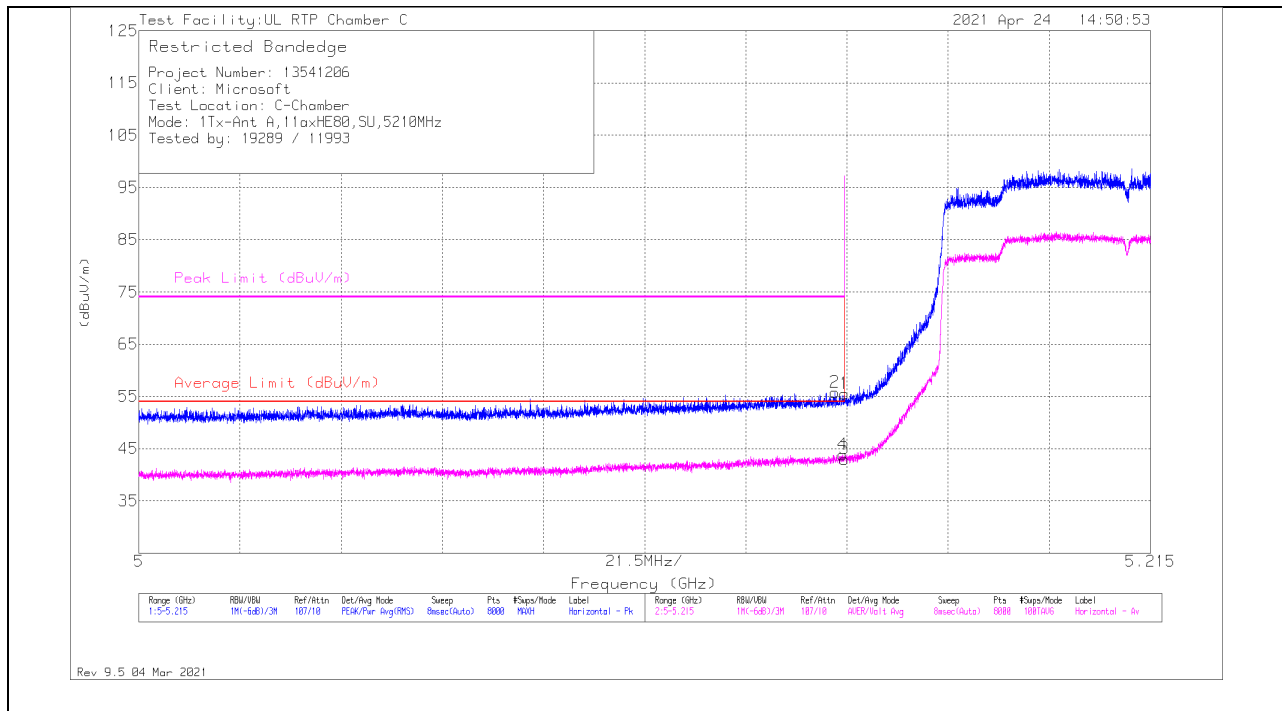
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0087 (db/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7	*** 2.8138	52.43	PK-U	32.6	-33.9	51.13	-	-	74	-22.87	-	-	32	217	V
	** 2.81342	40.44	ADV	32.6	-33.9	39.14	54	-14.86	-	-	-	-	32	217	V
8	6.53777	48.68	PK-U	35.7	-30.7	53.68	-	-	74	-20.32	68.2	-14.52	337	277	V
10	10.4946	49.08	PK-U	37.5	-27.3	59.28	-	-	74	-14.72	68.2	-8.92	20	124	V
5	10.49472	46.11	PK-U	37.5	-27.3	56.31	-	-	74	-17.69	68.2	-11.89	32	104	H
1	*** 2.79996	43.84	Pk	32.7	-33.8	42.74	54	-11.26	74	-31.26	-	-	0-360	200	H
3	*** 2.38992	45.19	Pk	31.8	-34.1	42.89	54	-11.11	74	-31.11	-	-	0-360	200	H
6	*** 2.377	49.98	Pk	31.8	-34.2	47.58	54	-6.42	74	-26.42	-	-	0-360	200	V
4	*** 9.08189	37.45	Pk	36.2	-29.1	44.55	54	-9.45	74	-29.45	-	-	0-360	101	H
9	*** 7.54534	38.83	Pk	35.8	-29.4	45.23	54	-8.77	74	-28.77	-	-	0-360	200	V
2	6.5371	41.58	Pk	35.7	-30.7	46.58	-	-	-	-	68.2	-21.62	0-360	199	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 Pk - Peak detector
 ADV - Linear Voltage Average

1TX Antenna A OFDMA MODE: SU, Single User

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14998	34.65	Pk	34.3	-13.5	0	55.45	-	-	74	-18.55	166	118	H
2	*** 5.14796	34.9	Pk	34.3	-13.5	0	55.7	-	-	74	-18.3	166	118	H
3	*** 5.14998	21.99	ADV	34.3	-13.5	.24	43.03	54	-10.97	-	-	166	118	H
4	*** 5.14963	22.77	ADV	34.3	-13.5	.24	43.81	54	-10.19	-	-	166	118	H

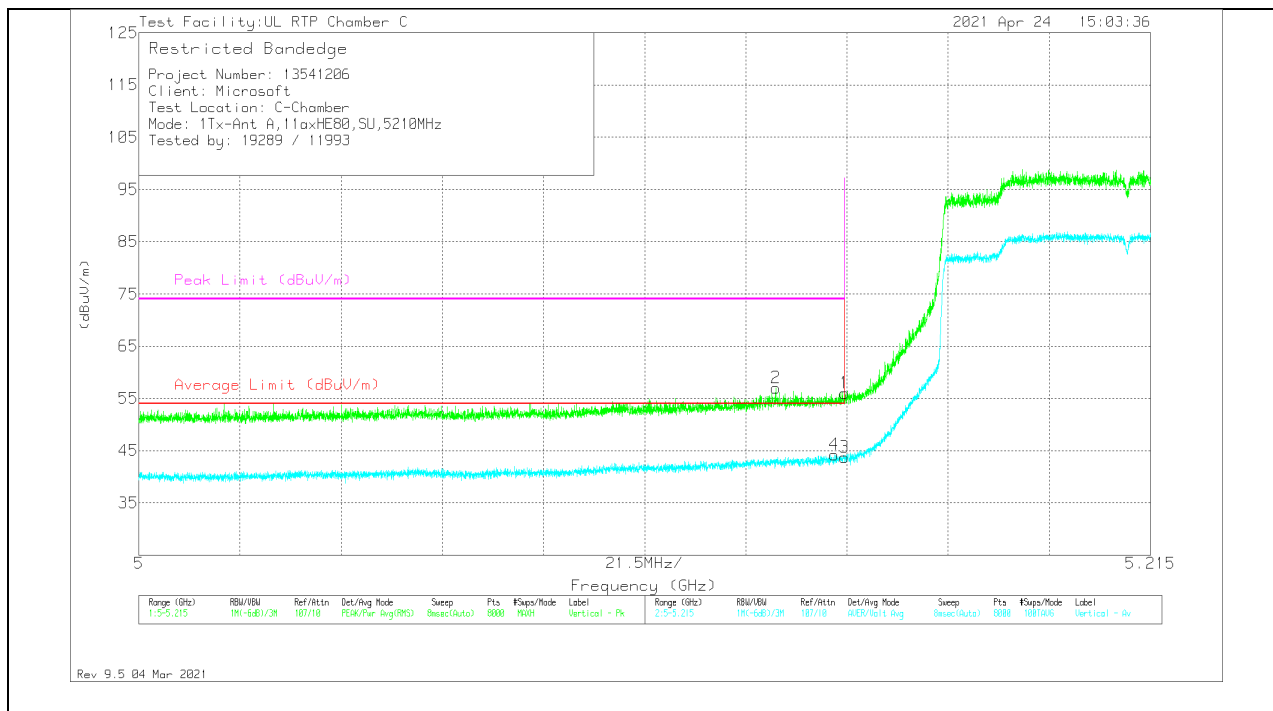
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14998	35.16	Pk	34.3	-13.5	0	55.96	-	-	74	-18.04	189	101	V
2	*** 5.13538	36.34	Pk	34.3	-13.6	0	57.04	-	-	74	-16.96	189	101	V
3	*** 5.14998	22.65	ADV	34.3	-13.5	.24	43.69	54	-10.31	-	-	189	101	V
4	*** 5.14775	23.21	ADV	34.3	-13.5	.24	44.25	54	-9.75	-	-	189	101	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

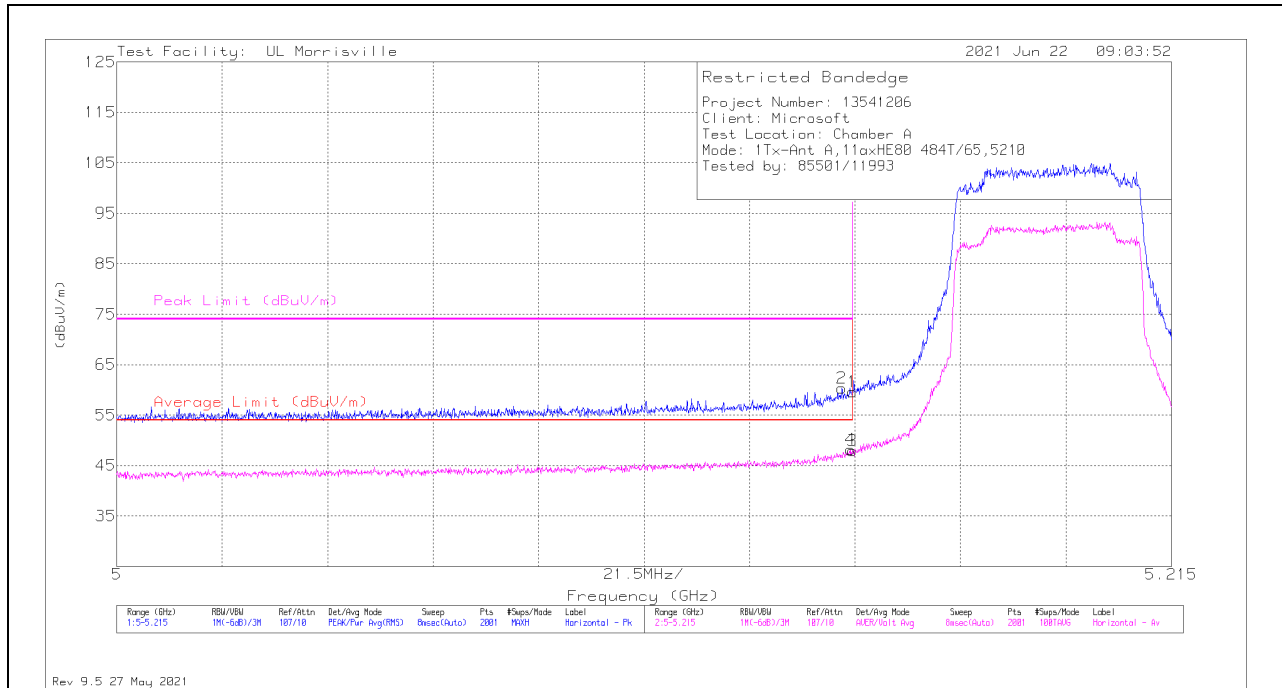
Pk - Peak detector

ADV - Linear Voltage Average

1TX Antenna A OFDMA MODE: 484-Tones, RU Index 65

BANDEDGE (MID CHANNEL)

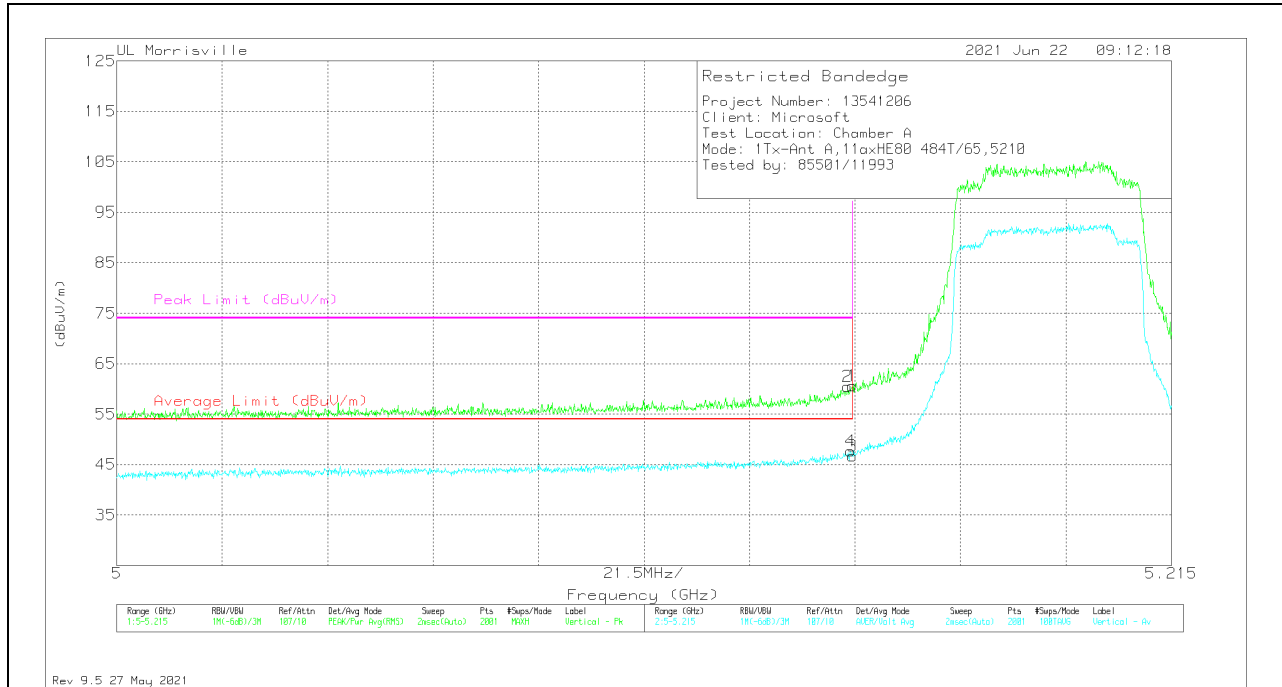
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14996	35.65	Pk	34.2	-10.3	59.55	-	-	74	-14.45	238	170	H
2	*** 5.14781	36.5	Pk	34.2	-10.3	60.4	-	-	74	-13.6	238	170	H
3	*** 5.14996	23.98	ADV	34.2	-10.3	47.88	54	-6.12	-	-	238	170	H
4	*** 5.14964	24.26	ADV	34.2	-10.3	48.16	54	-5.84	-	-	238	170	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14996	36.64	Pk	34.2	-10.3	60.54	-	-	74	-13.46	236	142	V
2	** 5.149	36.61	Pk	34.2	-10.3	60.51	-	-	74	-13.49	236	142	V
3	*** 5.14996	22.77	ADV	34.2	-10.3	46.67	54	-7.33	-	-	236	142	V
4	*** 5.14953	23.79	ADV	34.2	-10.3	47.69	54	-6.31	-	-	236	142	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

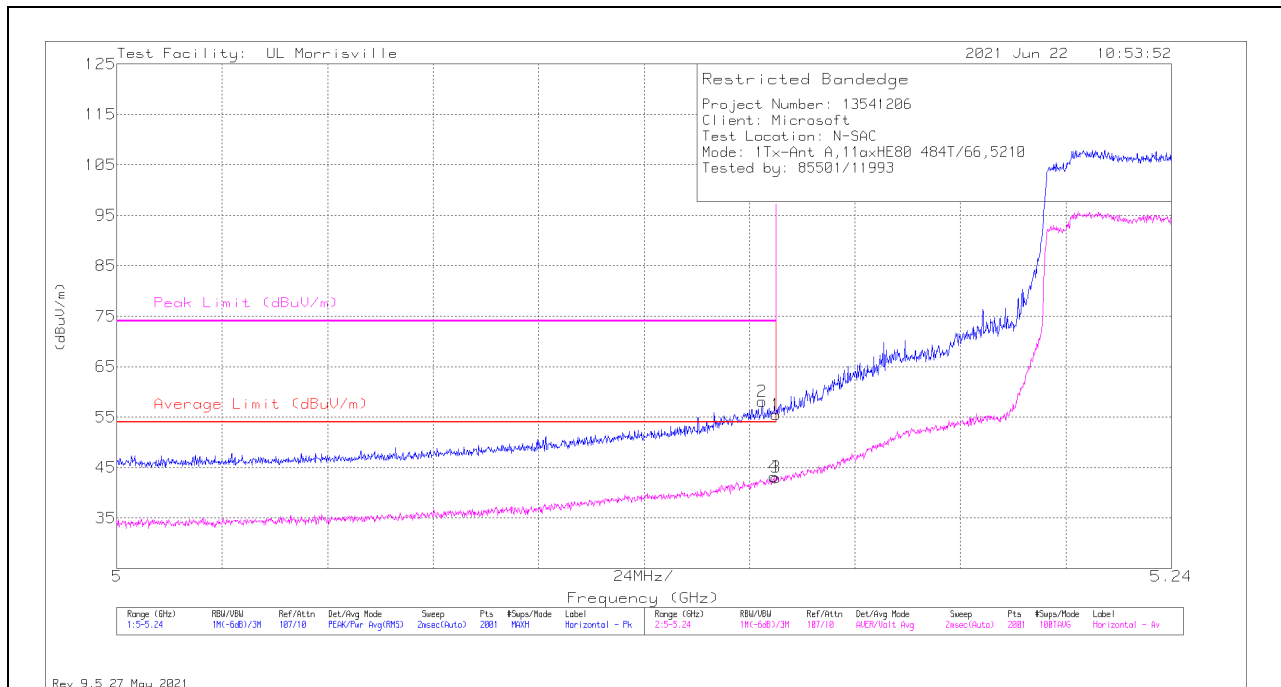
Pk - Peak detector

ADV - Linear Voltage Average

1TX Antenna A OFDMA MODE: 484-Tones, RU Index 66

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0087 (db/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	43.93	Pk	34.4	-22.8	55.53	-	-	74	-18.47	77	218	H
2	* ** 5.14688	46.47	Pk	34.4	-22.8	58.07	-	-	74	-15.93	77	218	H
3	* ** 5.15	31.43	ADV	34.4	-22.8	43.03	54	-10.97	-	-	77	218	H
4	* ** 5.14964	31.57	ADV	34.4	-22.8	43.17	54	-10.83	-	-	77	218	H

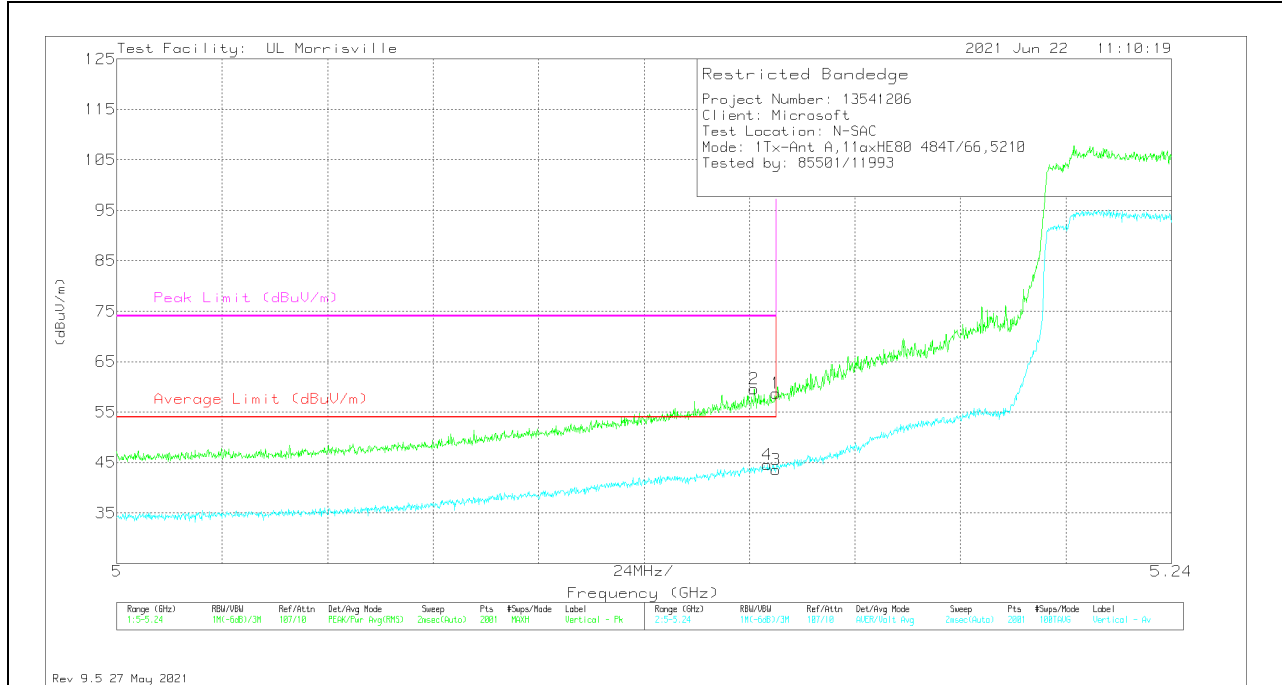
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0087 (db/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	47.13	Pk	34.4	-22.8	58.73	-	-	74	-15.27	119	224	V
2	*** 5.14508	48.02	Pk	34.4	-22.8	59.62	-	-	74	-14.38	119	224	V
3	*** 5.15	32	ADV	34.4	-22.8	43.6	54	-10.4	-	-	119	224	V
4	*** 5.14808	32.96	ADV	34.4	-22.8	44.56	54	-9.44	-	-	119	224	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

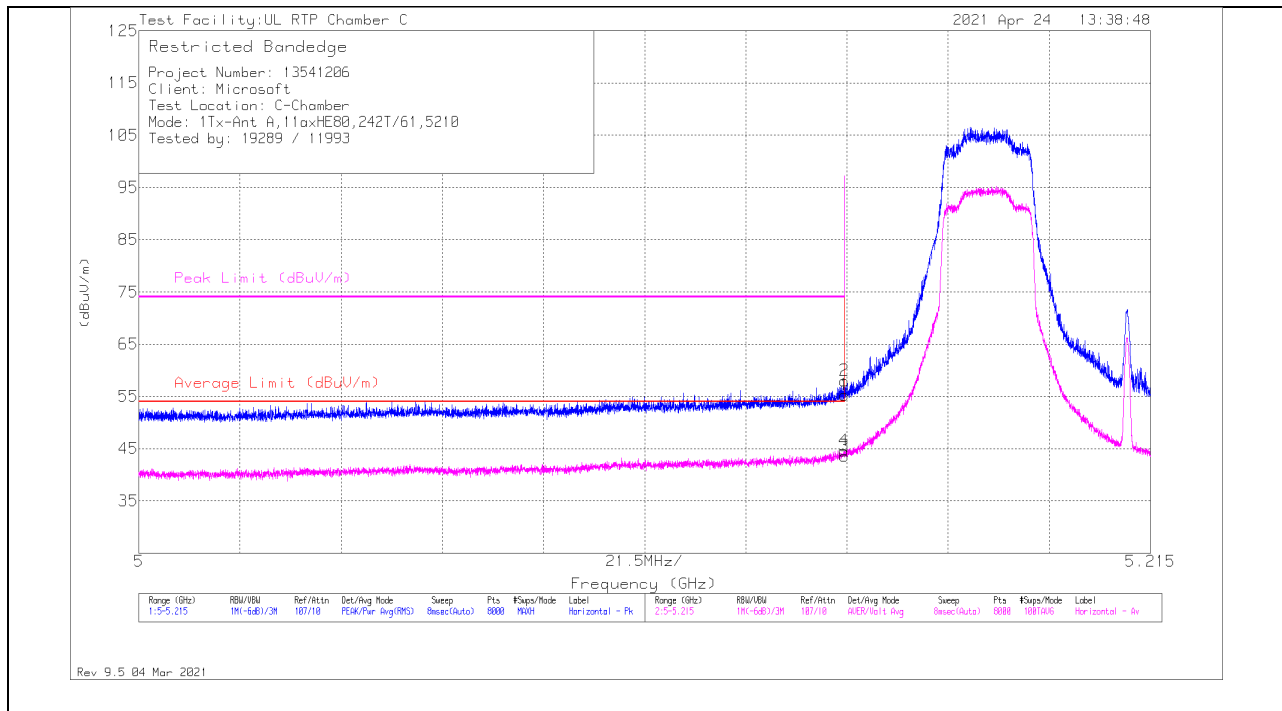
Pk - Peak detector

ADV - Linear Voltage Average

1TX Antenna A OFDMA MODE: 242-Tones, RU Index 61

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** * 5.14998	34.48	Pk	34.3	-13.5	55.28	-	-	74	-18.72	174	101	H
2	** * 5.14993	37.21	Pk	34.3	-13.5	58.01	-	-	74	-15.99	174	101	H
3	** * 5.14998	22.76	ADV	34.3	-13.5	43.56	54	-10.44	-	-	174	101	H
4	** * 5.14984	23.76	ADV	34.3	-13.5	44.56	54	-9.44	-	-	174	101	H

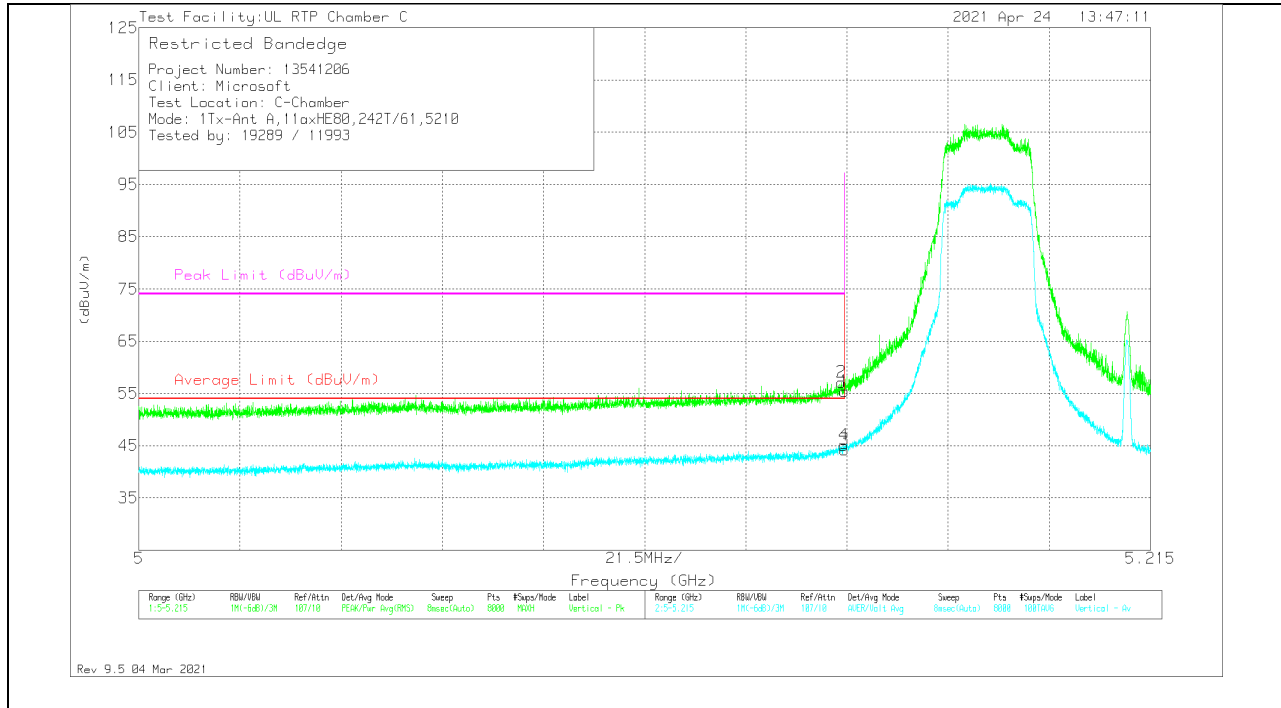
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



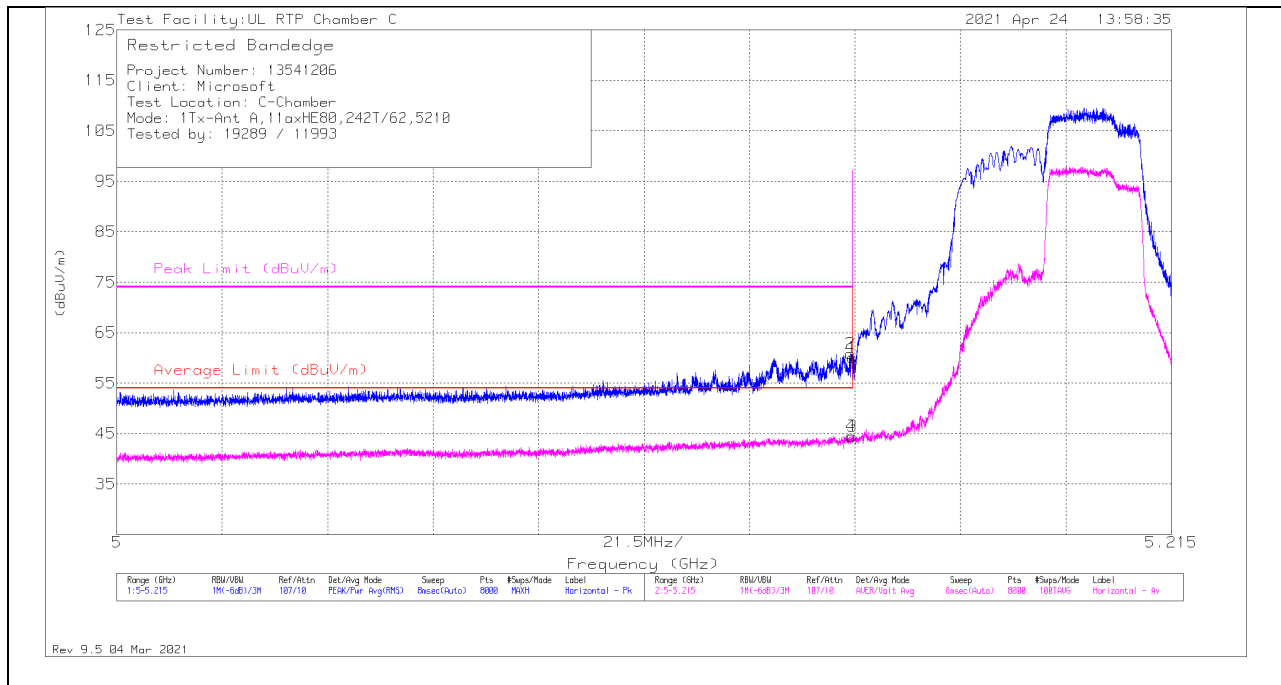
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14998	34.6	PK	34.3	-13.5	55.4	-	-	74	-18.6	197	101	V
2	*** 5.14936	36.31	PK	34.3	-13.5	57.11	-	-	74	-16.89	197	101	V
3	*** 5.14998	23.43	ADV	34.3	-13.5	44.23	54	-9.77	-	-	197	101	V
4	*** 5.14987	24.28	ADV	34.3	-13.5	45.08	54	-8.92	-	-	197	101	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

1TX Antenna A OFDMA MODE: 242-Tones, RU Index 62

BANDEDGE (MID CHANNEL)

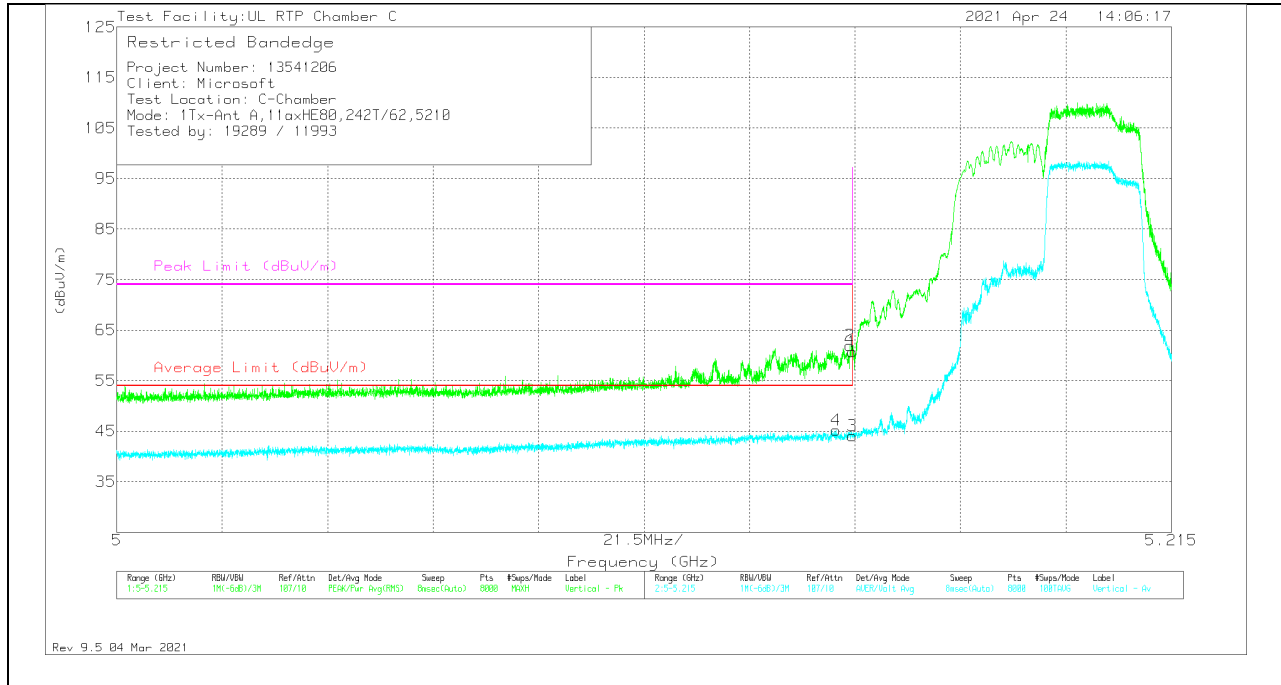
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14998	39.35	Pk	34.3	-13.5	60.15	-	-	74	-13.85	174	106	H
2	* ** 5.14958	40.07	Pk	34.3	-13.5	60.87	-	-	74	-13.13	174	106	H
3	* ** 5.14998	23.63	ADV	34.3	-13.5	44.43	54	-9.57	-	-	174	106	H
4	* ** 5.14971	23.65	ADV	34.3	-13.5	44.45	54	-9.55	-	-	174	106	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14998	39.95	Pk	34.3	-13.5	60.75	-	-	74	-13.25	179	270	V
2	* ** 5.14944	41.18	Pk	34.3	-13.5	61.98	-	-	74	-12.02	179	270	V
3	* ** 5.14998	23.23	ADV	34.3	-13.5	44.03	54	-9.97	-	-	179	270	V
4	* ** 5.14662	24.47	ADV	34.3	-13.6	45.17	54	-8.83	-	-	179	270	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

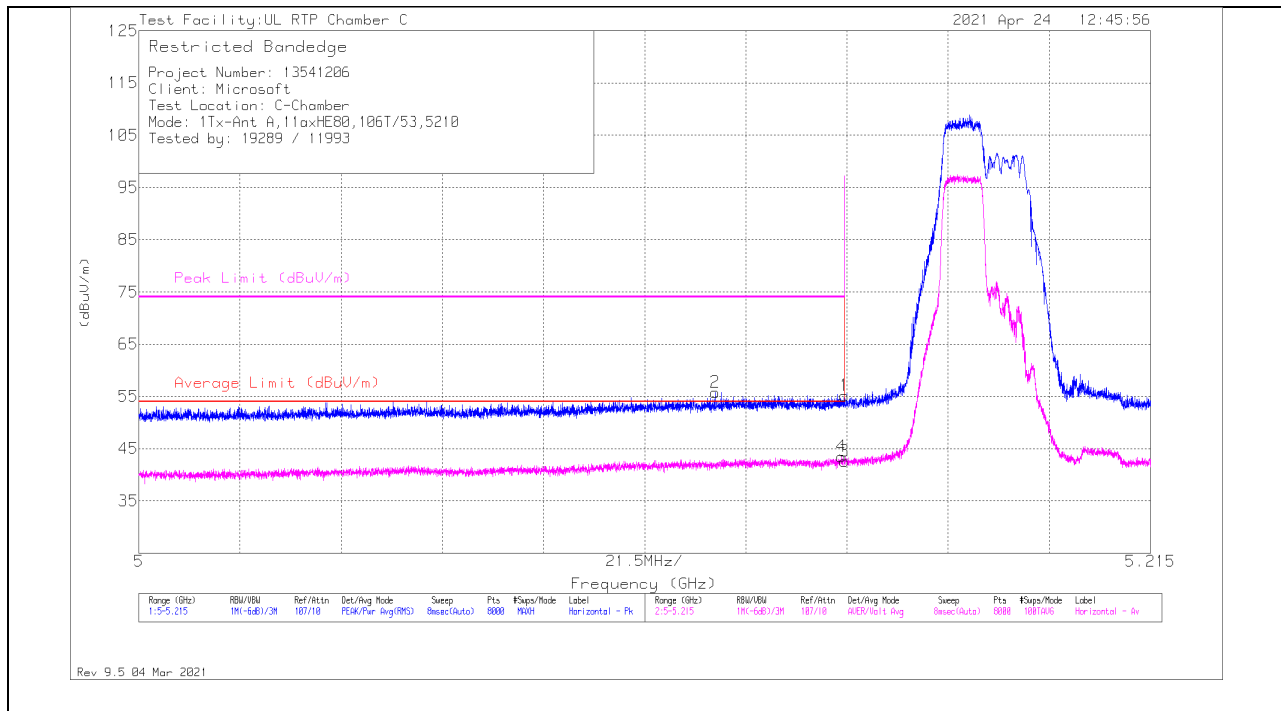
Pk - Peak detector

ADV - Linear Voltage Average

1TX Antenna A OFDMA MODE: 106-Tones, RU Index 53

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14998	34.37	Pk	34.3	-13.5	55.17	-	-	74	-18.83	171	102	H
2	* ** 5.12246	35.24	Pk	34.3	-13.8	55.74	-	-	74	-18.26	171	102	H
3	* ** 5.14998	21.81	ADV	34.3	-13.5	42.61	54	-11.39	-	-	171	102	H
4	* ** 5.14931	22.62	ADV	34.3	-13.5	43.42	54	-10.58	-	-	171	102	H

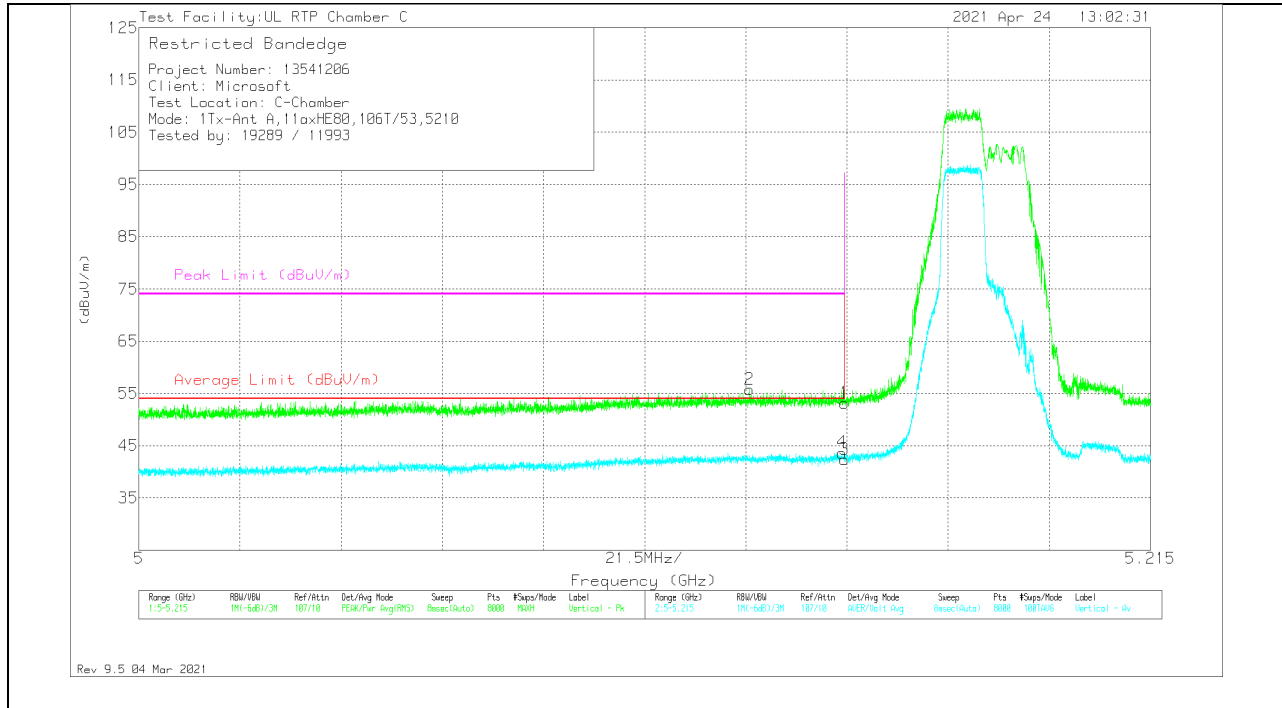
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



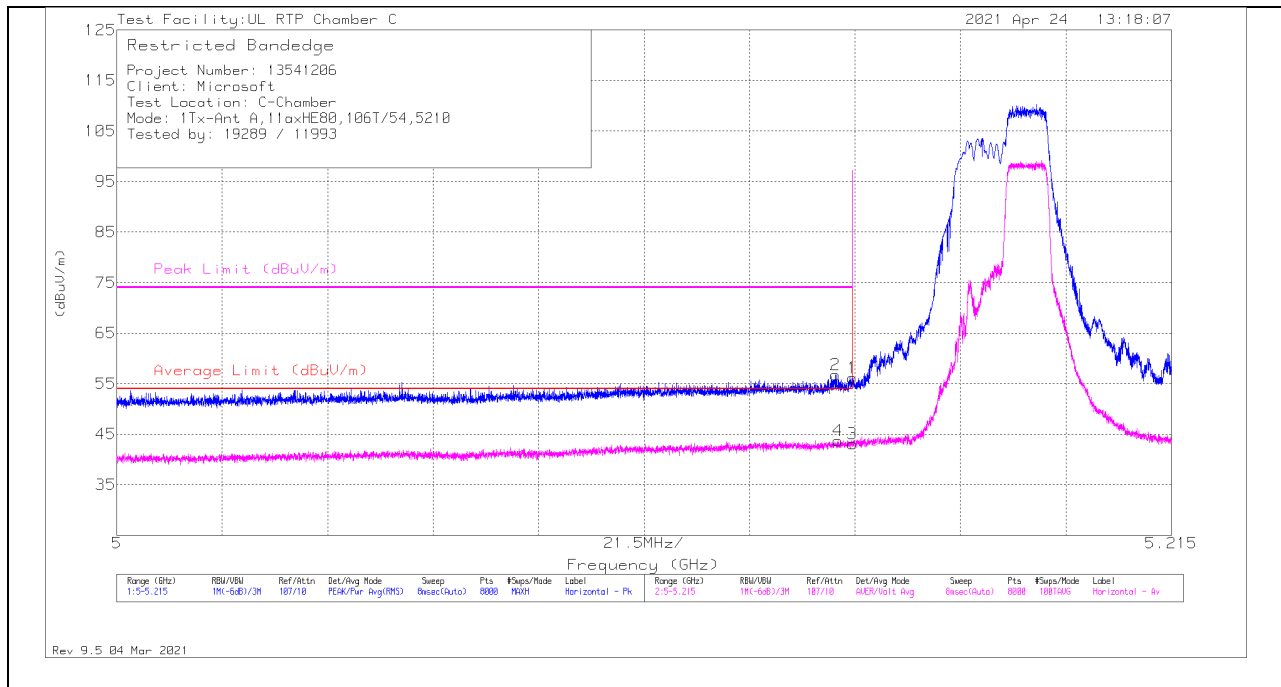
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14998	32.4	Pk	34.3	-13.5	53.2	-	-	74	-20.8	207	101	V
2	*** 5.12977	35.11	Pk	34.3	-13.6	55.81	-	-	74	-18.19	207	101	V
3	*** 5.14998	21.54	ADV	34.3	-13.5	42.34	54	-11.66	-	-	207	101	V
4	*** 5.14947	22.85	ADV	34.3	-13.5	43.65	54	-10.35	-	-	207	101	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

1TX Antenna A OFDMA MODE: 106-Tones, RU Index 54

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14998	35.29	Pk	34.3	-13.5	56.09	-	-	74	-17.91	186	127	H
2	* ** 5.14646	36.06	Pk	34.3	-13.6	56.76	-	-	74	-17.24	186	127	H
3	* ** 5.14998	22.26	ADV	34.3	-13.5	43.06	54	-10.94	-	-	186	127	H
4	* ** 5.14708	23.06	ADV	34.3	-13.6	43.76	54	-10.24	-	-	186	127	H

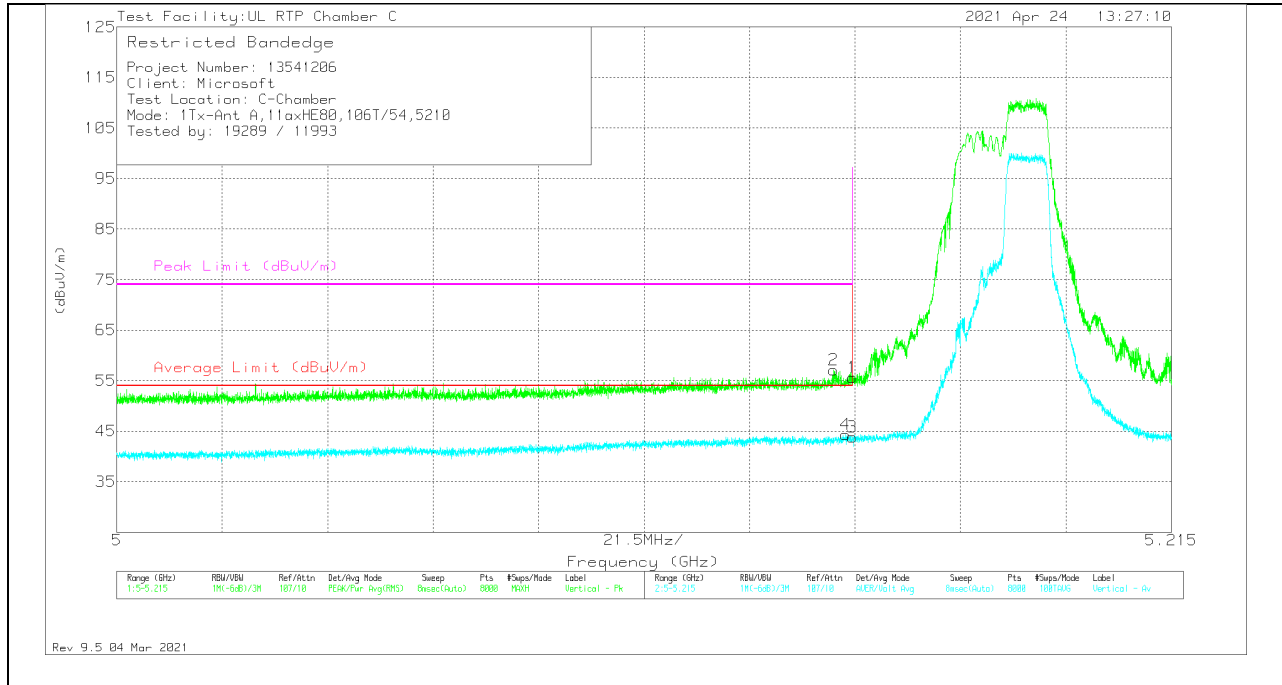
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14998	34.8	Pk	34.3	-13.5	55.6	-	-	74	-18.4	181	105	V
2	*** 5.14616	36.47	Pk	34.3	-13.6	57.17	-	-	74	-16.83	181	105	V
3	*** 5.14998	23.09	ADV	34.3	-13.5	43.89	54	-10.11	-	-	181	105	V
4	*** 5.14861	23.48	ADV	34.3	-13.5	44.28	54	-9.72	-	-	181	105	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

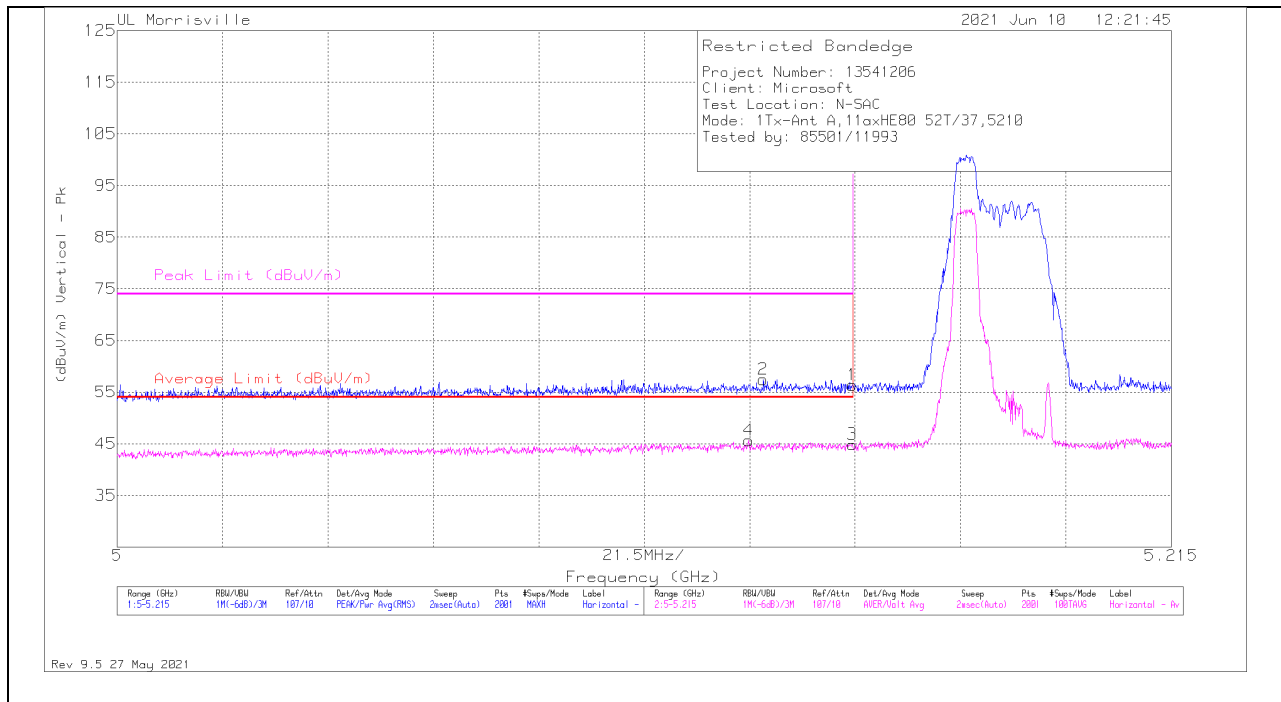
Pk - Peak detector

ADV - Linear Voltage Average

1TX Antenna A OFDMA MODE: 52-Tones, RU Index 37

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14996	32.47	Pk	34.2	-10.3	56.37	-	-	74	-17.63	207	136	H
2	* ** 5.1318	33.45	Pk	34.2	-10.2	57.45	-	-	74	-16.55	207	136	H
3	* ** 5.14996	20.97	ADV	34.2	-10.3	44.87	54	-9.13	-	-	207	136	H
4	* ** 5.12879	21.64	ADV	34.2	-10.2	45.64	54	-8.36	-	-	207	136	H

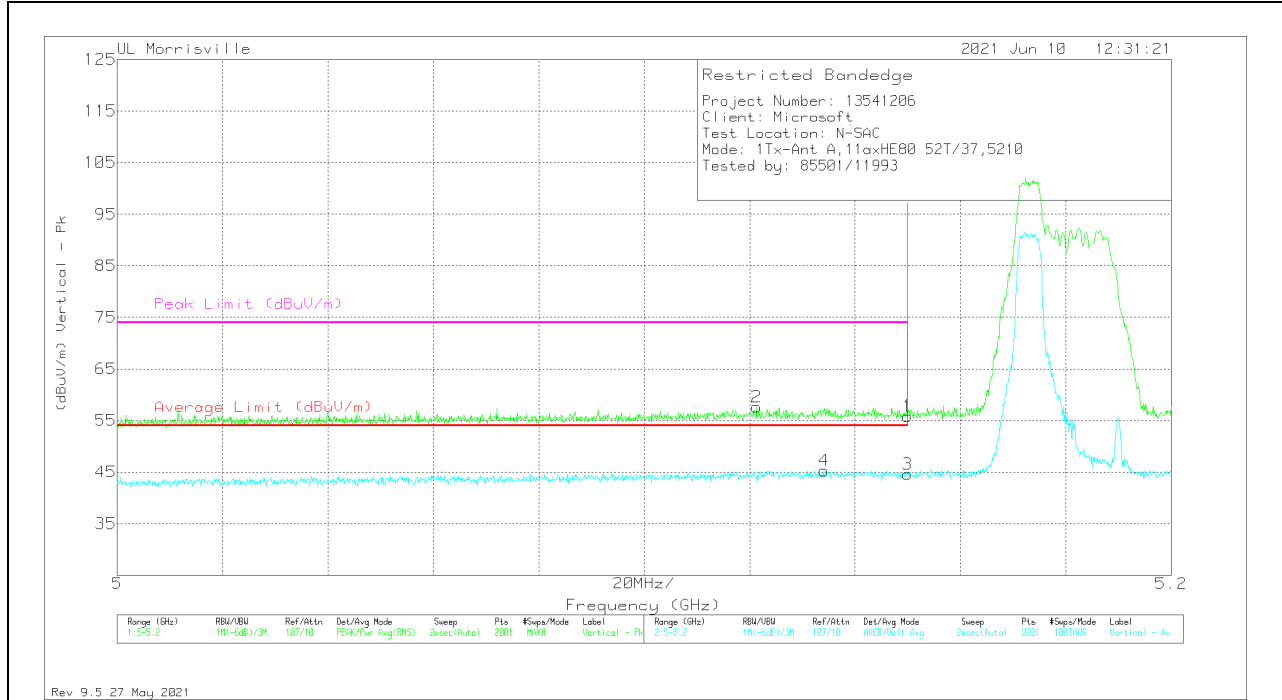
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



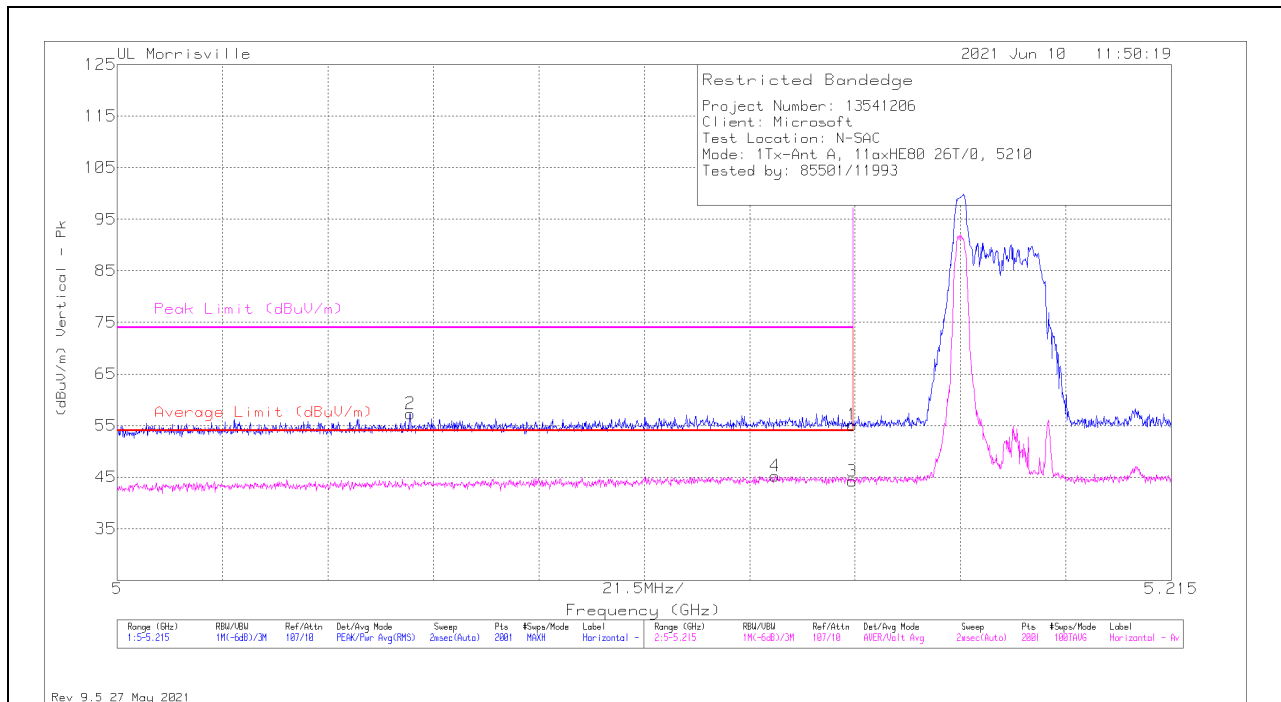
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	31.91	Pk	34.2	-10.3	55.81	-	-	74	-18.19	203	160	V
2	*** 5.1213	33.72	Pk	34.1	-10.2	57.62	-	-	74	-16.38	203	160	V
3	*** 5.15	20.67	ADV	34.2	-10.3	44.57	54	-9.43	-	-	203	160	V
4	*** 5.1341	21.28	ADV	34.2	-10.2	45.28	54	-8.72	-	-	203	160	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

1TX Antenna A OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14996	31.23	Pk	34.2	-10.3	55.13	-	-	74	-18.87	205	117	H
2	*** 5.05977	33.4	Pk	34	-10.1	57.3	-	-	74	-16.7	205	117	H
3	*** 5.14996	20.3	ADV	34.2	-10.3	44.2	54	-9.8	-	-	205	117	H
4	*** 5.13416	21.22	ADV	34.2	-10.2	45.22	54	-8.78	-	-	205	117	H

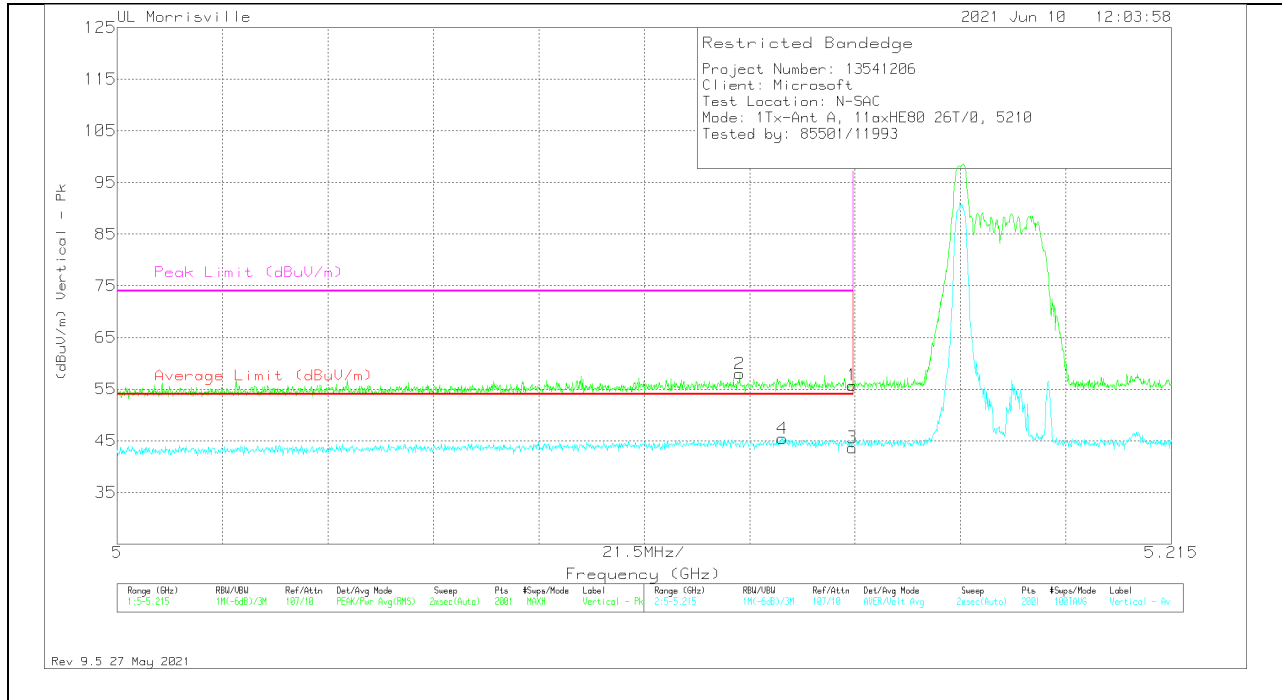
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14996	31.84	Pk	34.2	-10.3	55.74	-	-	74	-18.26	206	143	V
2	*** 5.12696	34.09	Pk	34.1	-10.2	57.99	-	-	74	-16.01	206	143	V
3	*** 5.14996	19.75	ADV	34.2	-10.3	43.65	54	-10.35	-	-	206	143	V
4	*** 5.13567	21.43	ADV	34.2	-10.2	45.43	54	-8.57	-	-	206	143	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

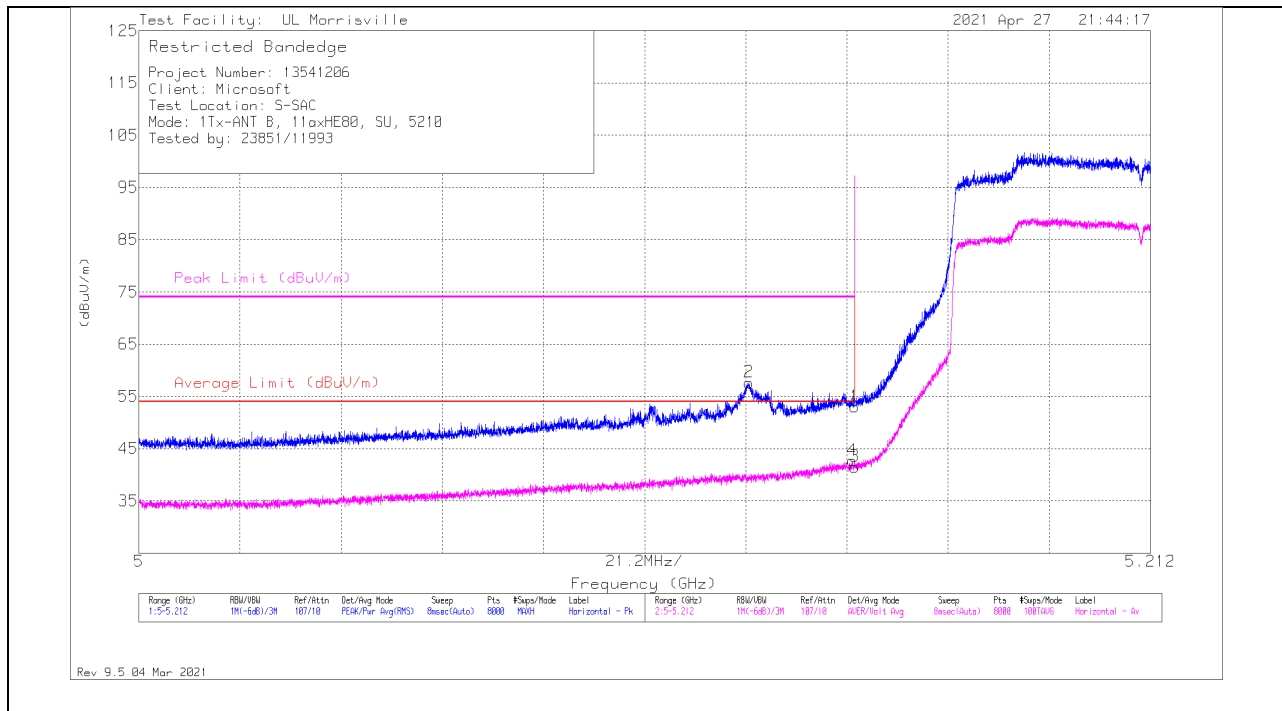
Pk - Peak detector

ADV - Linear Voltage Average

1TX Antenna B OFDMA MODE: SU, Single User

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14998	41.1	Pk	34.3	-22.4	0	53	-	-	74	-21	55	224	H
2	* ** 5.12782	45.98	Pk	34.2	-22.5	0	57.68	-	-	74	-16.32	55	224	H
3	* ** 5.14998	29.4	ADV	34.3	-22.4	.24	41.54	54	-12.46	-	-	55	224	H
4	* ** 5.14948	30.61	ADV	34.3	-22.4	.24	42.75	54	-11.25	-	-	55	224	H

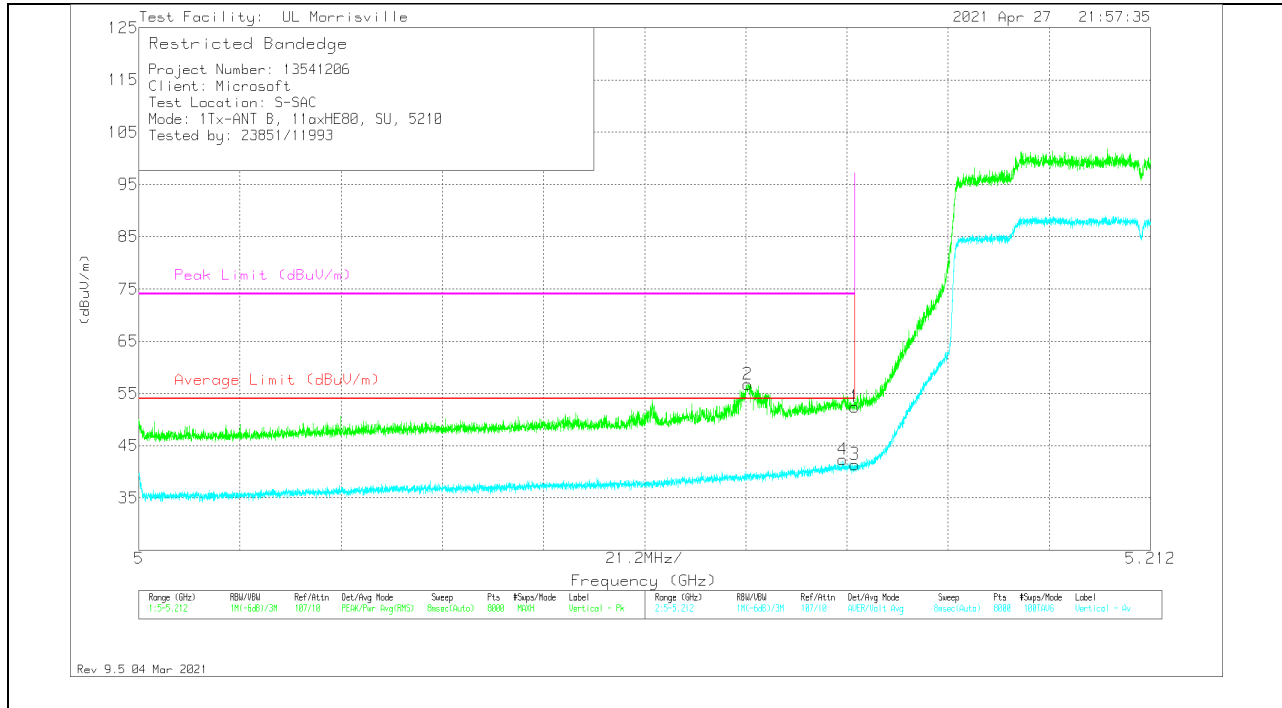
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



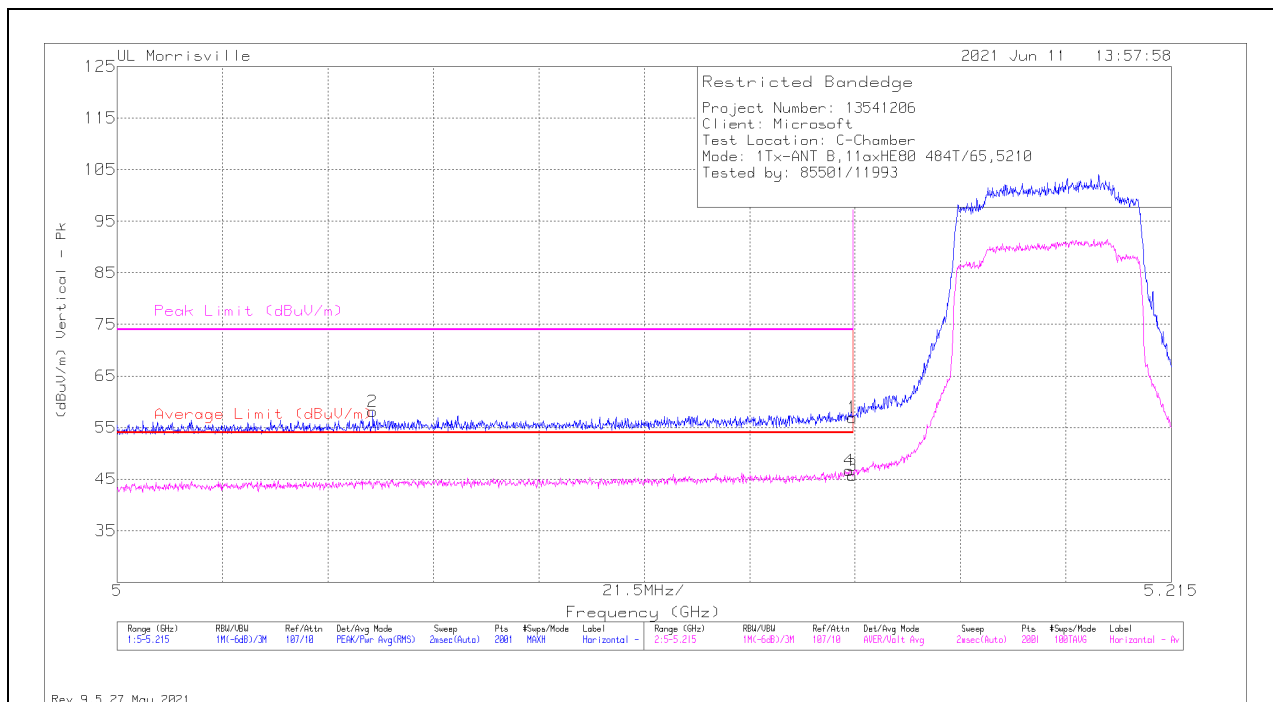
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14998	40.56	Pk	34.3	-22.4	0	52.46	-	-	74	-21.54	54	308	V
2	* ** 5.12759	45.05	Pk	34.2	-22.5	0	56.75	-	-	74	-17.25	54	308	V
3	* ** 5.14998	29.27	ADV	34.3	-22.4	.24	41.41	54	-12.59	-	-	54	308	V
4	* ** 5.14754	30.23	ADV	34.3	-22.4	.24	42.37	54	-11.63	-	-	54	308	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

1TX Antenna B OFDMA MODE: 484-Tones, RU Index 65

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14996	33.01	Pk	34.2	-10.3	56.91	-	-	74	-17.09	256	326	H
2	*** 5.05214	34.31	Pk	34	-10.2	58.11	-	-	74	-15.89	256	326	H
3	*** 5.14996	21.8	ADV	34.2	-10.3	45.7	54	-8.3	-	-	256	326	H
4	*** 5.14932	22.76	ADV	34.2	-10.3	46.66	54	-7.34	-	-	256	326	H

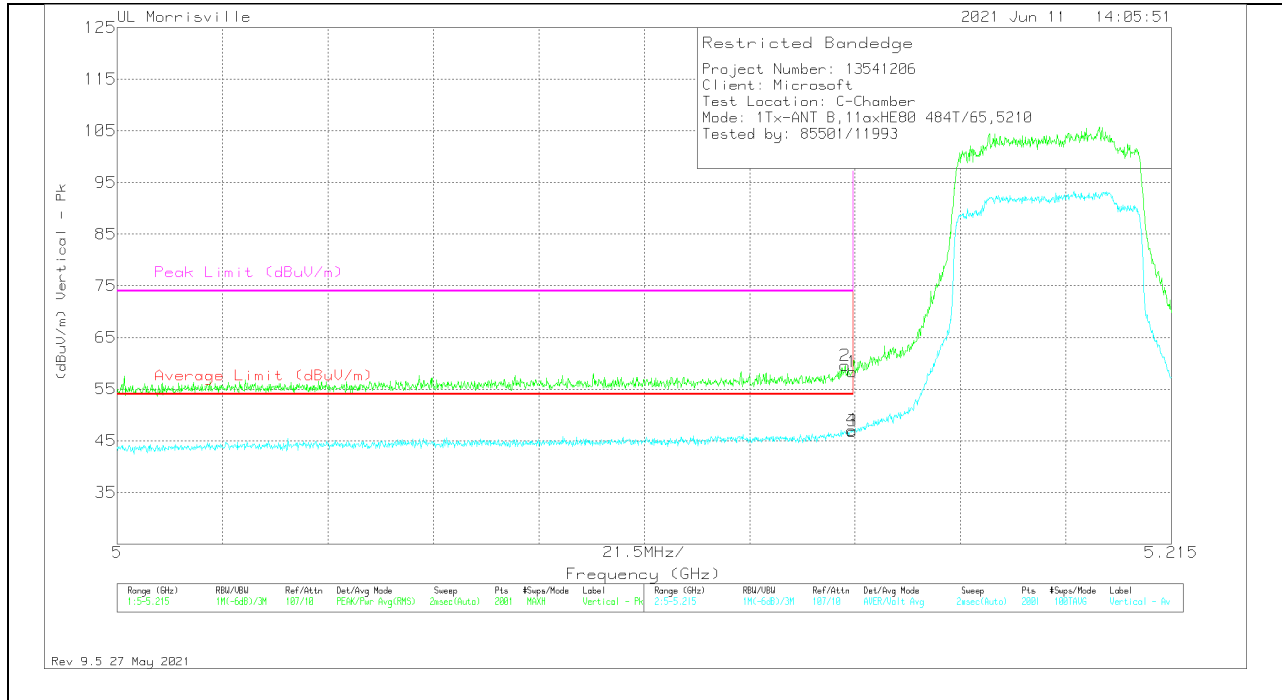
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14996	34.45	Pk	34.2	-10.3	58.35	-	-	74	-15.65	209	251	V
2	*** 5.14846	35.66	Pk	34.2	-10.3	59.56	-	-	74	-14.44	209	251	V
3	*** 5.14996	22.94	ADV	34.2	-10.3	46.84	54	-7.16	-	-	209	251	V
4	*** 5.14986	23.18	ADV	34.2	-10.3	47.08	54	-6.92	-	-	209	251	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

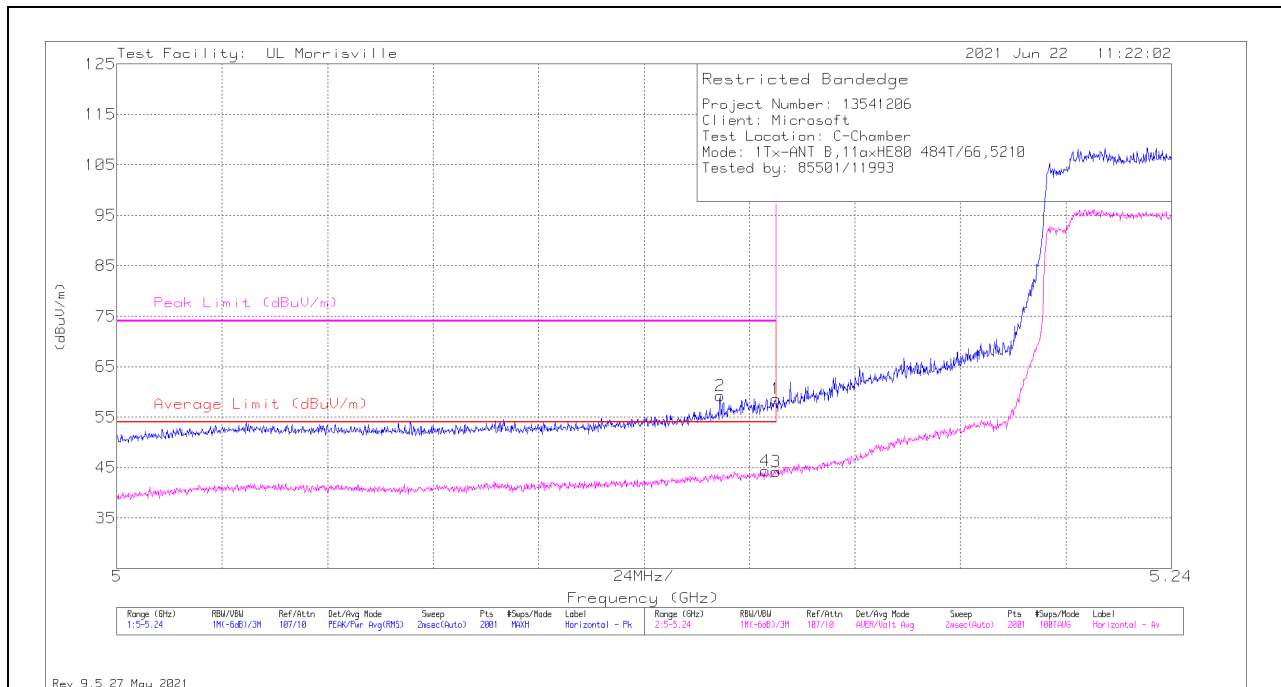
Pk - Peak detector

ADV - Linear Voltage Average

1TX Antenna B OFDMA MODE: 484-Tones, RU Index 66

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0087 (db/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	46.96	Pk	34.4	-22.8	58.56	-	-	74	-15.44	154	109	H
2	*** 5.13728	47.51	Pk	34.4	-22.7	59.21	-	-	74	-14.79	154	109	H
3	*** 5.15	32.66	ADV	34.4	-22.8	44.26	54	-9.74	-	-	154	109	H
4	* ** 5.1476	32.68	ADV	34.4	-22.8	44.28	54	-9.72	-	-	154	109	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average