2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 484-Tones, RU Index S66

Test Engineer:	16080
Test Date:	2/9/2022

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5570	168.96	155.83	4.03	7.02

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5570	24.00	24.00	30.00	24.00	9.98	11.00	9.98

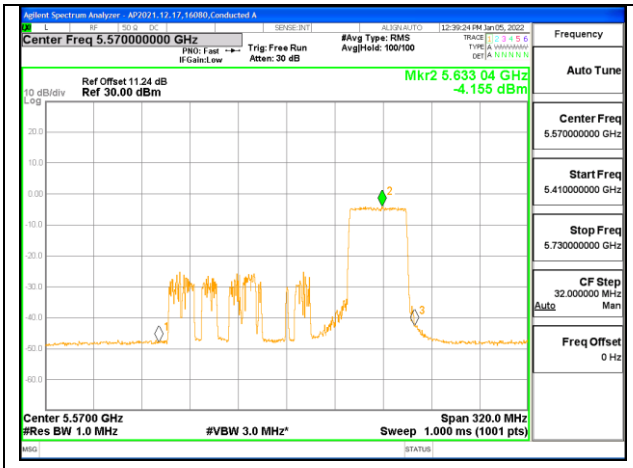
Duty Cycle CF (dB)	0.10	**Included in Calculations of Corr'd PSD**

Output Power Results

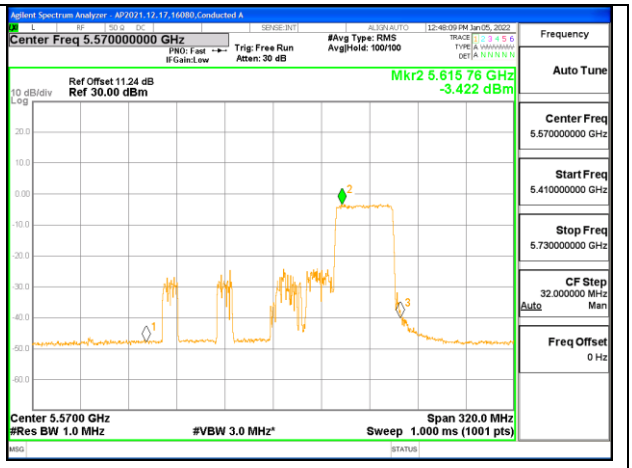
Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5570	10.89	11.01	13.96	24.00	-10.04

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 2 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margi (dB)
Low	5570	-4.155	-3.422	-0.66	9.98	-10.64



MID CHANNEL Antenna 1



MID CHANNEL Antenna 2

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	16080
Test Date:	2/9/2022

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5570	168.00	153.72	4.03	7.02

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5570	24.00	24.00	30.00	24.00	9.98	11.00	9.98

Duty Cycle CF (dB)	0.10	**Included in Calculations of Corr'd PSD**

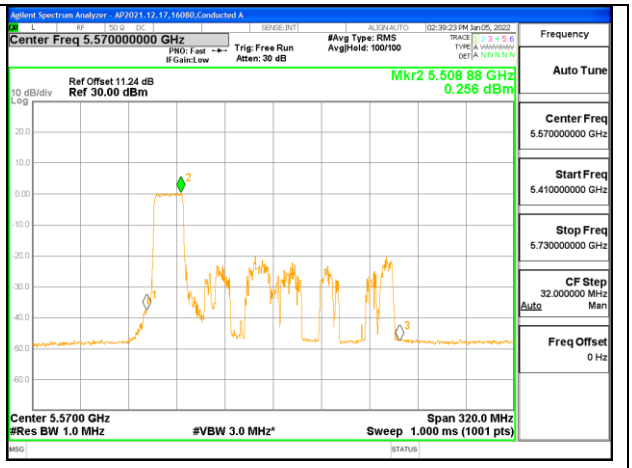
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5570	12.51	12.33	15.43	24.00	-8.57

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 2 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margi (dB)
Low	5570	0.050	0.256	3.26	9.98	-6.72

MID CHANNEL Antenna 1



MID CHANNEL Antenna 2

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 242-Tones, RU Index 64

Test Engineer:	16080
Test Date:	2/9/2022

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5570	162.56	151.72	4.03	7.02

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5570	24.00	24.00	30.00	24.00	9.98	11.00	9.98

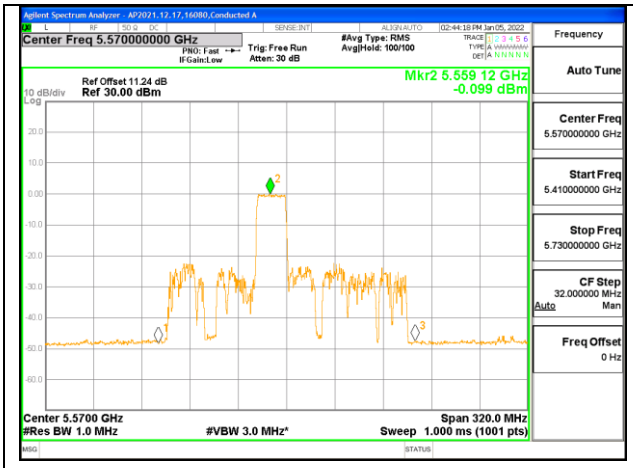
Duty Cycle CF (dB)	0.10	**Included in Calculations of Corr'd PSD**

Output Power Results

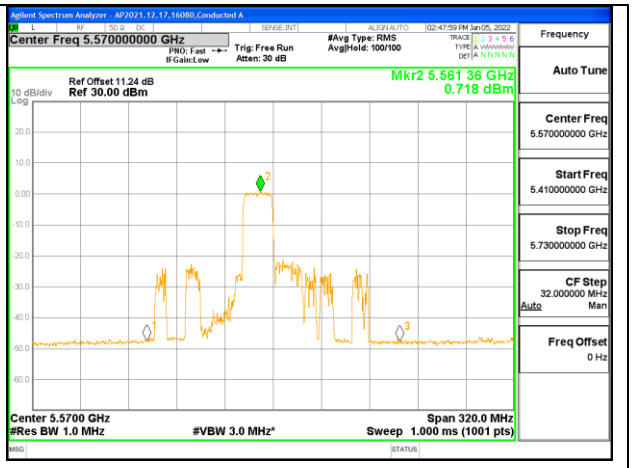
Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5570	12.28	12.11	15.21	24.00	-8.79

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 2 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margi (dB)
Low	5570	-0.099	0.718	3.44	9.98	-6.54



MID CHANNEL Antenna 1



MID CHANNEL Antenna 2

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 242-Tones, RU Index S64

Test Engineer:	16080
Test Date:	2/9/2022

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5570	167.68	156.37	4.03	7.02

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5570	24.00	24.00	30.00	24.00	9.98	11.00	9.98

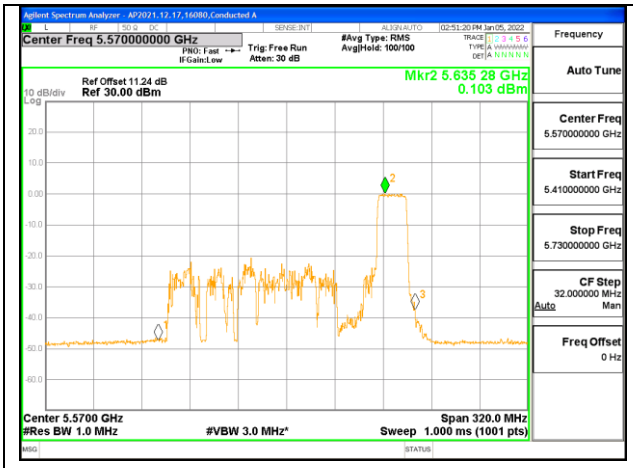
Duty Cycle CF (dB)	0.10	**Included in Calculations of Corr'd PSD**

Output Power Results

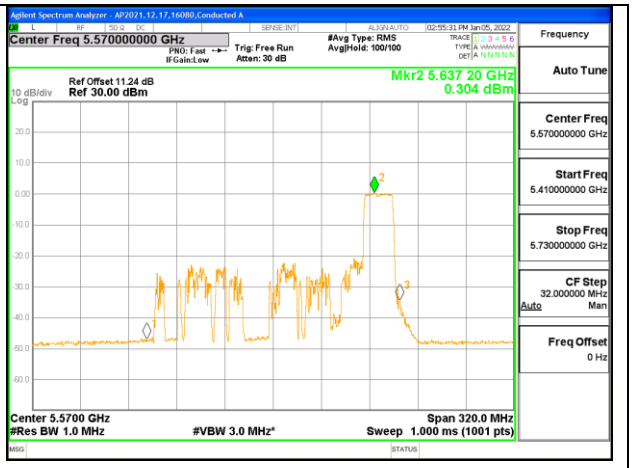
Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5570	12.01	12.05	15.04	24.00	-8.96

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 2 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margi (dB)
Low	5570	0.103	0.304	3.31	9.98	-6.67



MID CHANNEL Antenna 1



MID CHANNEL Antenna 2

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 106-Tones, RU Index 53

Test Engineer:	16080
Test Date:	2/9/2022

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5570	167.04	156.50	4.03	7.02

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5570	24.00	24.00	30.00	24.00	9.98	11.00	9.98

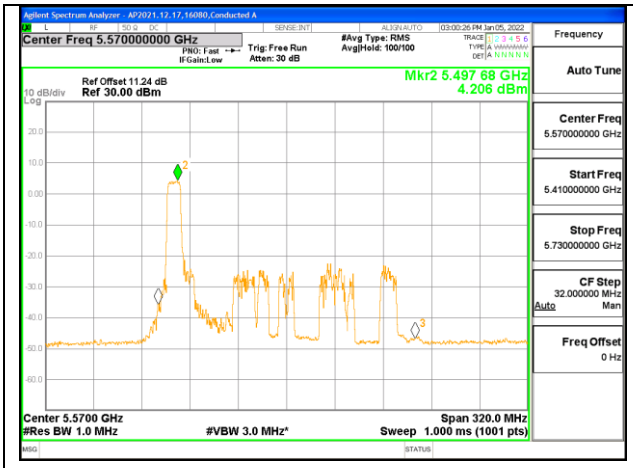
Duty Cycle CF (dB)	0.10	**Included in Calculations of Corr'd PSD**

Output Power Results

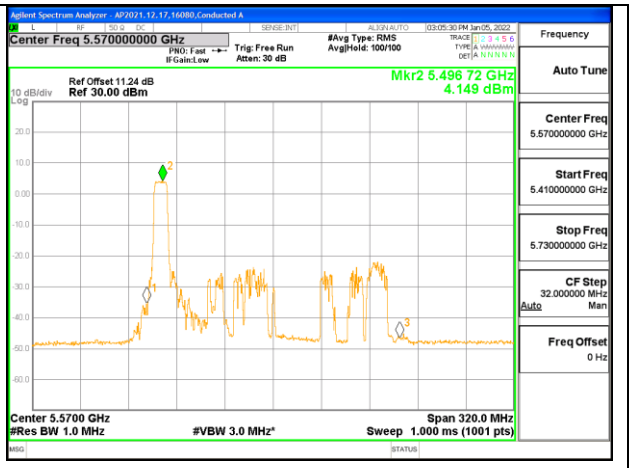
Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5570	12.44	12.40	15.43	24.00	-8.57

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 2 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margi (dB)
Low	5570	4.206	4.149	7.29	9.98	-2.69



MID CHANNEL Antenna 1



MID CHANNEL Antenna 2

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 106-Tones, RU Index 60

Test Engineer:	16080
Test Date:	2/9/2022

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5570	161.92	151.11	4.03	7.02

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5570	24.00	24.00	30.00	24.00	9.98	11.00	9.98

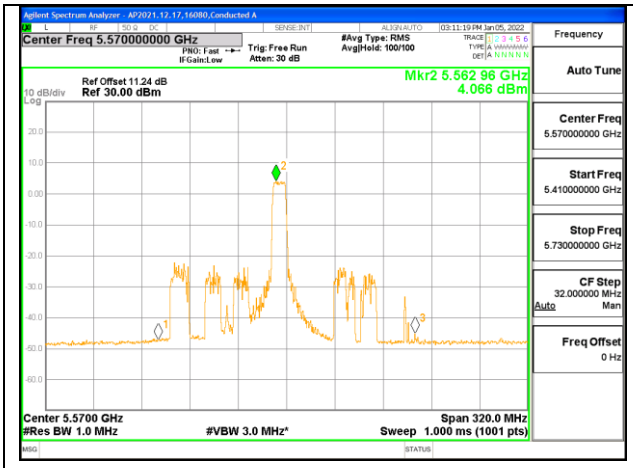
Duty Cycle CF (dB)	0.10	**Included in Calculations of Corr'd PSD**

Output Power Results

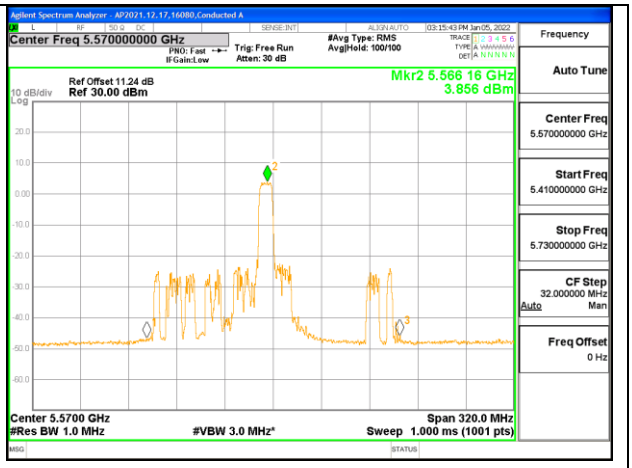
Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5570	12.51	12.23	15.38	24.00	-8.62

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 2 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margi (dB)
Low	5570	4.066	3.856	7.07	9.98	-2.91



MID CHANNEL Antenna 1



MID CHANNEL Antenna 2

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 106-Tones, RU Index S60

Test Engineer:	16080
Test Date:	2/9/2022

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5570	168.32	156.14	4.03	7.06

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5570	24.00	24.00	30.00	24.00	9.94	11.00	9.94

Duty Cycle CF (dB)	0.10	**Included in Calculations of Corr'd PSD**

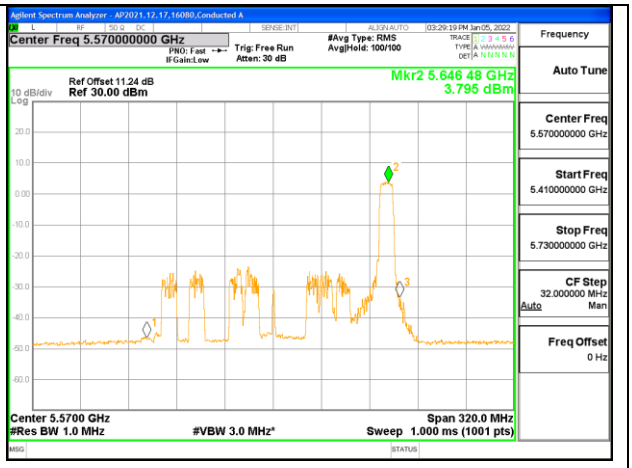
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5570	12.52	12.25	15.40	24.00	-8.60

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 2 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margi (dB)
Low	5570	3.647	3.795	6.83	9.94	-3.11

MID CHANNEL Antenna 1



MID CHANNEL Antenna 2

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 52-Tones, RU Index 37

Test Engineer:	16080
Test Date:	2/9/2022

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5570	165.12	153.96	4.03	7.02

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5570	24.00	24.00	30.00	24.00	9.98	11.00	9.98

Duty Cycle CF (dB)	0.10	**Included in Calculations of Corr'd PSD**

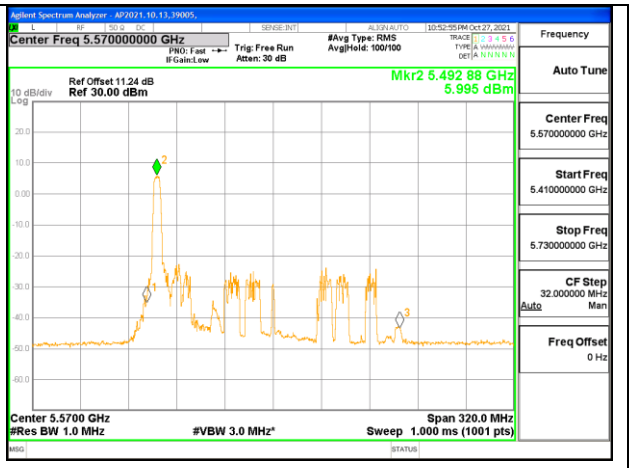
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5570	9.48	9.46	12.48	24.00	-11.52

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 2 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margi (dB)
Low	5570	5.219	5.995	8.73	9.98	-1.25

MID CHANNEL Antenna 1



MID CHANNEL Antenna 2

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 52-Tones, RU Index 52

Test Engineer:	16080
Test Date:	2/9/2022

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5570	159.36	151.69	4.03	7.02

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5570	24.00	24.00	30.00	24.00	9.98	11.00	9.98

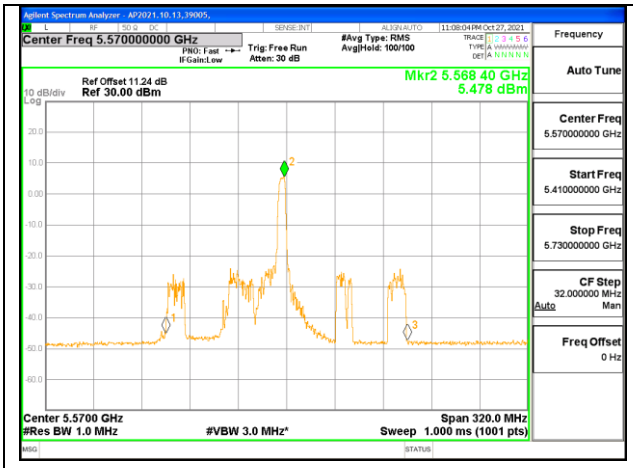
Duty Cycle CF (dB)	0.10	**Included in Calculations of Corr'd PSD**

Output Power Results

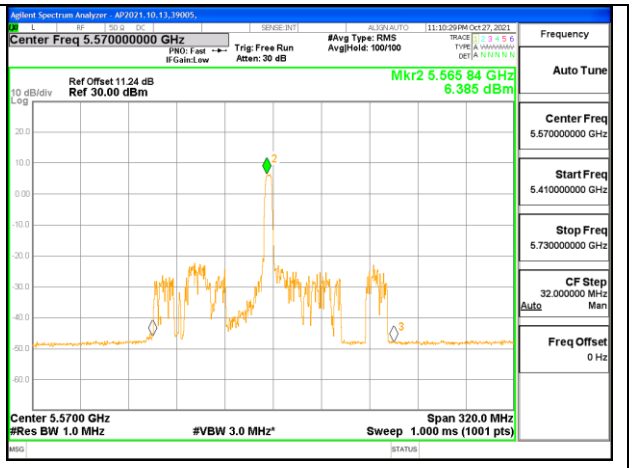
Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5570	10.22	10.32	13.28	24.00	-10.72

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 2 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margi (dB)
Low	5570	5.478	6.385	9.07	9.98	-0.91



MID CHANNEL Antenna 1



MID CHANNEL Antenna 2

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 52-Tones, RU Index S52

Test Engineer:	16080
Test Date:	2/9/2022

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5570	165.44	157.06	4.03	7.02

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5570	24.00	24.00	30.00	24.00	9.98	11.00	9.98

Duty Cycle CF (dB)	0.10	**Included in Calculations of Corr'd PSD**

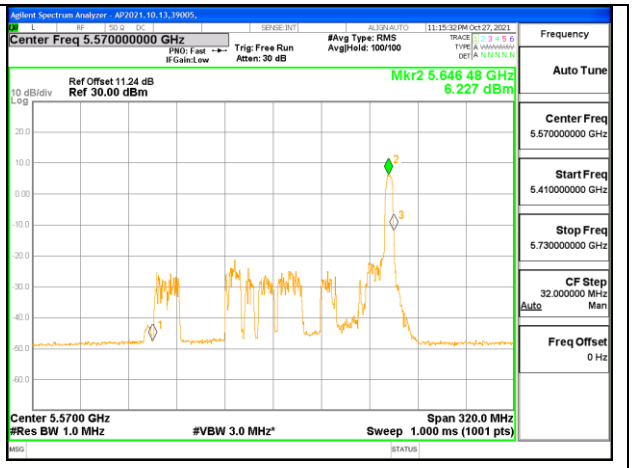
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5570	9.46	10.22	12.87	24.00	-11.13

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 2 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margi (dB)
Low	5570	5.131	6.227	8.82	9.98	-1.16

MID CHANNEL Antenna 1



MID CHANNEL Antenna 2

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 26-Tones, RU Index 0

Test Engineer:	16080
Test Date:	2/9/2022

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5570	165.76	157.86	4.03	7.02

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5570	24.00	24.00	30.00	24.00	9.98	11.00	9.98

Duty Cycle CF (dB)	0.10	**Included in Calculations of Corr'd PSD**

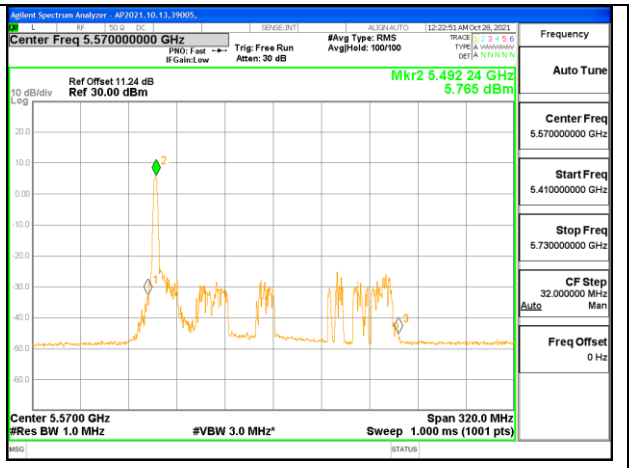
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5570	8.26	8.35	11.32	24.00	-12.68

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 2 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margi (dB)
Low	5570	5.282	5.765	8.64	9.98	-1.34

MID CHANNEL Antenna 1



MID CHANNEL Antenna 2

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 26-Tones, RU Index 36

Test Engineer:	16080
Test Date:	2/9/2022

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5570	159.04	151.46	4.03	7.02

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5570	24.00	24.00	30.00	24.00	9.98	11.00	9.98

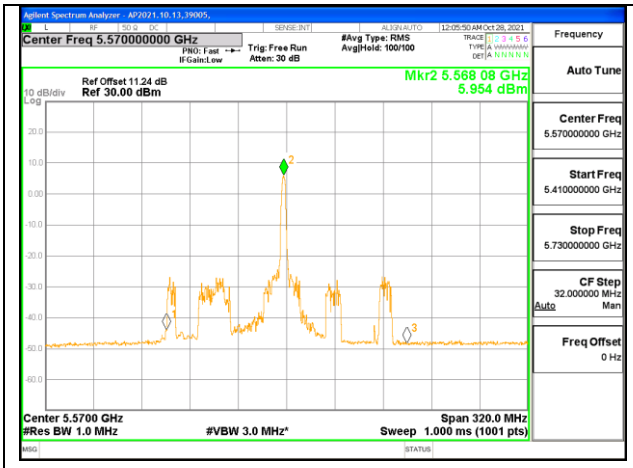
Duty Cycle CF (dB)	0.10	**Included in Calculations of Corr'd PSD**

Output Power Results

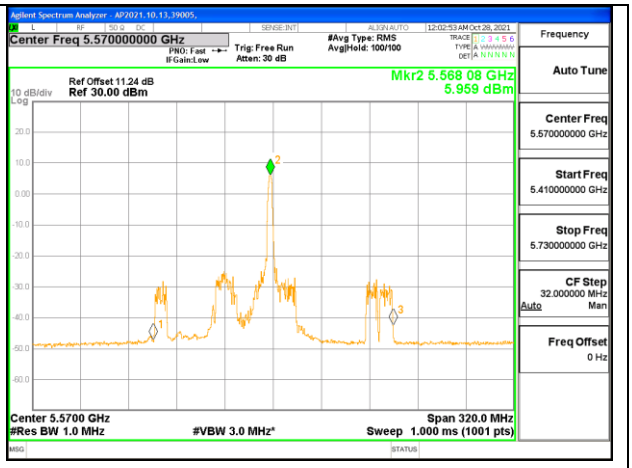
Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5570	8.39	8.87	11.65	24.00	-12.35

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 2 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margi (dB)
Low	5570	5.954	5.959	9.07	9.98	-0.91



MID CHANNEL Antenna 1



MID CHANNEL Antenna 2

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 26-Tones, RU Index S36

Test Engineer:	16080
Test Date:	2/9/2022

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5570	163.84	157.91	4.03	7.02

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5570	24.00	24.00	30.00	24.00	9.98	11.00	9.98

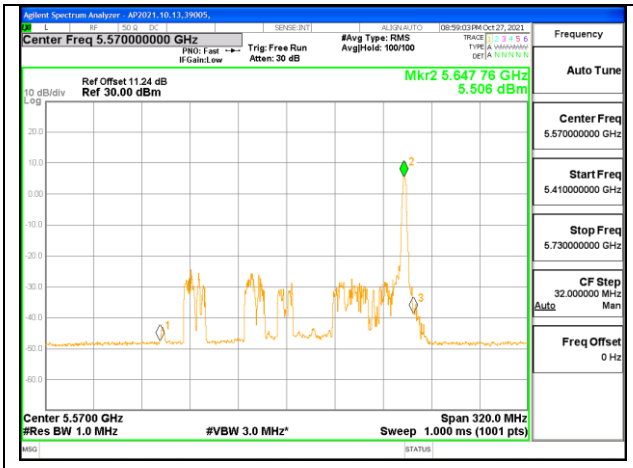
Duty Cycle CF (dB)	0.10	**Included in Calculations of Corr'd PSD**

Output Power Results

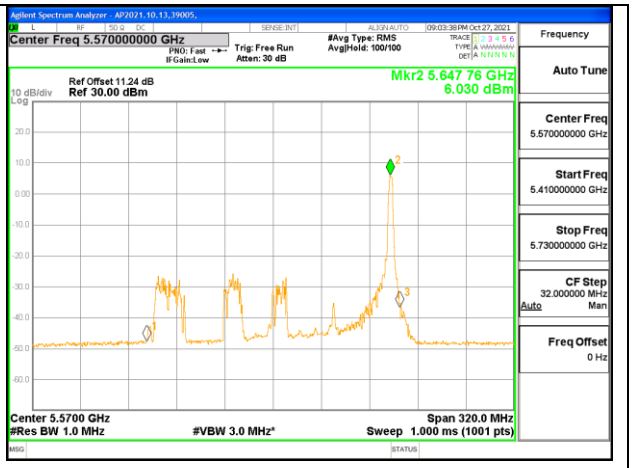
Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5570	7.85	8.69	11.30	24.00	-12.70

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 2 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margi (dB)
Low	5570	5.506	6.030	8.89	9.98	-1.09



MID CHANNEL Antenna 1



MID CHANNEL Antenna 2

9.5.25. 802.11ax HE20 MODE 1TX IN THE 5.8GHz BAND (FCC+IC)

1TX Antenna 1 OFDM MODE: SU, Single User

Test Engineer:	16080
Test Date:	2/9/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	3.90	30.00	30.00
Mid	5785	3.90	30.00	30.00
High	5825	3.90	30.00	30.00

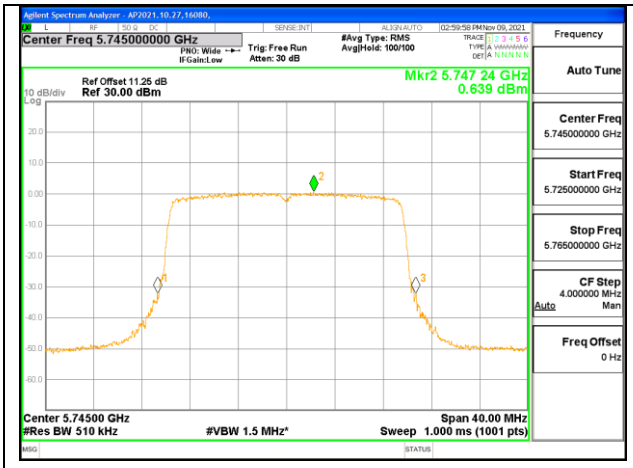
Duty Cycle CF (dB)	0.00	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

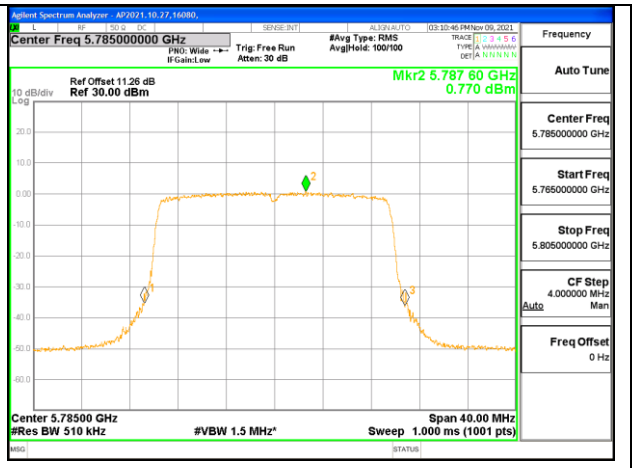
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	14.50	14.50	30.00	-15.50
Mid	5785	14.50	14.50	30.00	-15.50
High	5825	14.65	14.65	30.00	-15.35

PSD Results

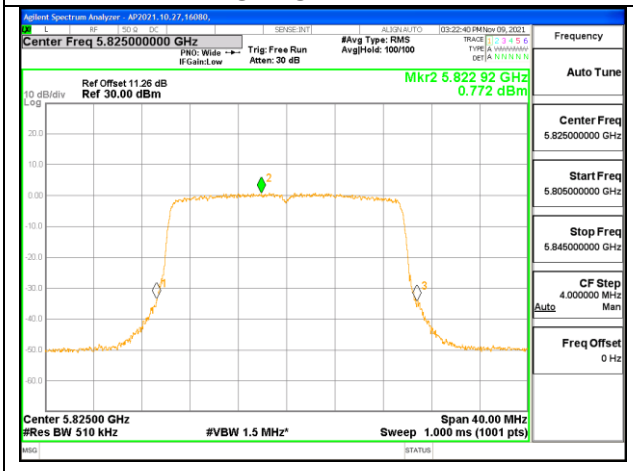
Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	0.639	0.639	30.00	-29.36
Mid	5785	0.770	0.770	30.00	-29.23
High	5825	0.772	0.772	30.00	-29.23



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL

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1TX Antenna 2 OFDM MODE: SU, Single User

Test Engineer:	16080
Test Date:	2/9/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	4.50	30.00	30.00
Mid	5785	4.50	30.00	30.00
High	5825	4.50	30.00	30.00

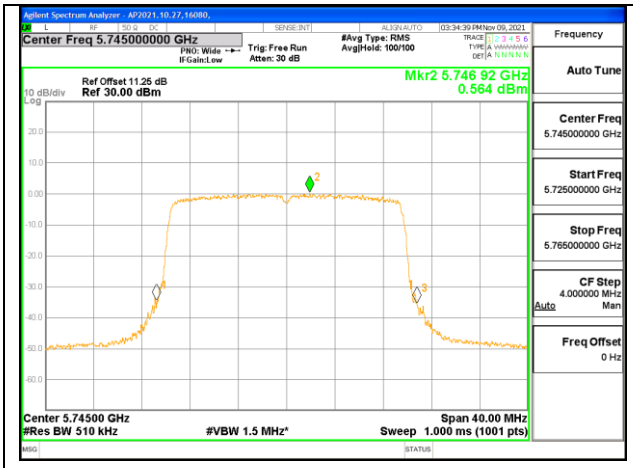
Duty Cycle CF (dB)	0.00	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

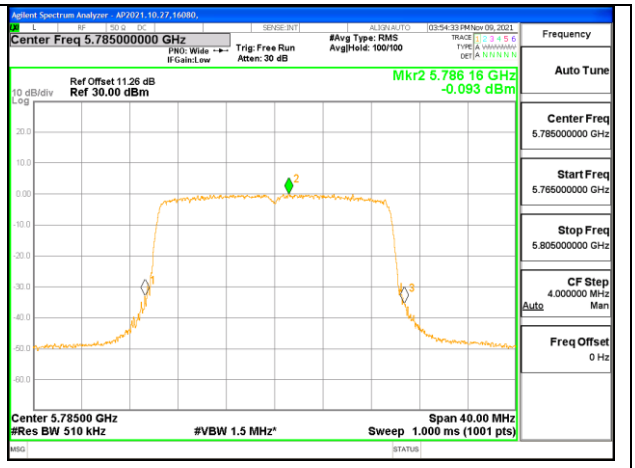
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	13.92	13.92	30.00	-16.08
Mid	5785	13.94	13.94	30.00	-16.06
High	5825	13.98	13.98	30.00	-16.02

PSD Results

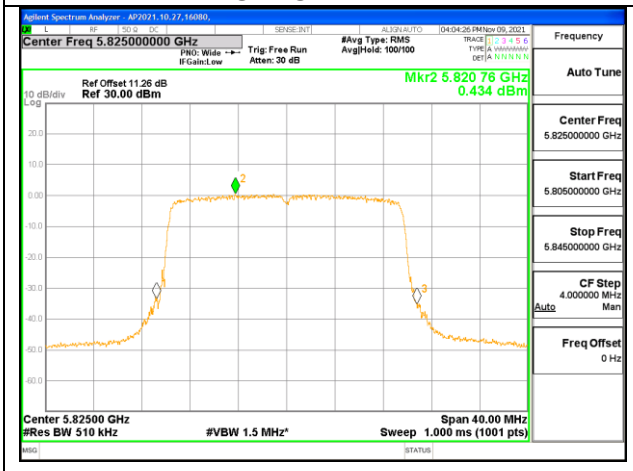
Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	0.564	0.564	30.00	-29.44
Mid	5785	-0.093	-0.093	30.00	-30.09
High	5825	0.434	0.434	30.00	-29.57



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL

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9.5.26. 802.11ax HE20 MODE 2TX IN THE 5.8GHz BAND (FCC+IC)

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	16080
Test Date:	2/9/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
High	5825	4.21	7.22	30.00	28.78

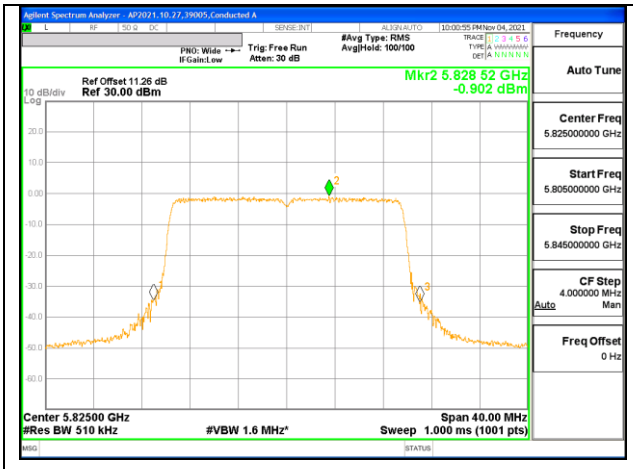
Duty Cycle CF (dB)	0.00	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

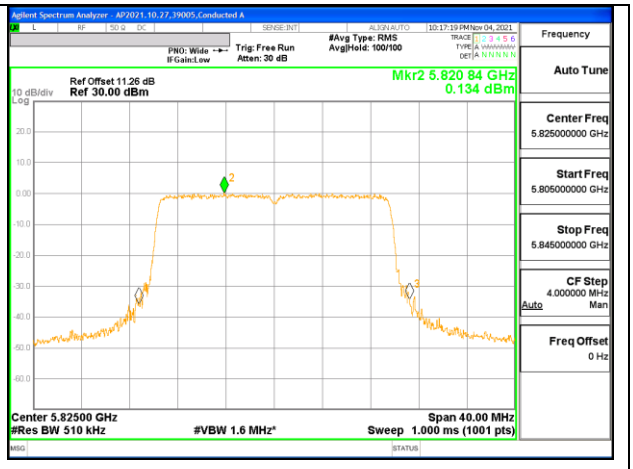
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
High	5825	12.95	13.60	16.30	30.00	-13.70

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 500KHz)	Chain 1 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
High	5825	-0.902	0.134	2.657	28.78	-26.12



HIGH CHANNEL Antenna 1



HIGH CHANNEL Antenna 2

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 26-Tones, RU Index 8

Test Engineer:	16080
Test Date:	2/9/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
High	5825	4.21	7.22	30.00	28.78

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

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)
High	5825	12.70	13.56	16.16	30.00	-13.84

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 500KHz)	Chain 1 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
High	5825	8.216	9.517	11.925	28.78	-16.85

HIGH CHANNEL Antenna 1

HIGH CHANNEL Antenna 2

9.5.27. 802.11ax HE40 MODE 1TX IN THE 5.8GHz BAND (FCC+IC)

1TX Antenna 1 OFDM MODE: SU, Single User

Test Engineer:	16080
Test Date:	2/9/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5755	3.90	30.00	30.00
High	5795	3.90	30.00	30.00

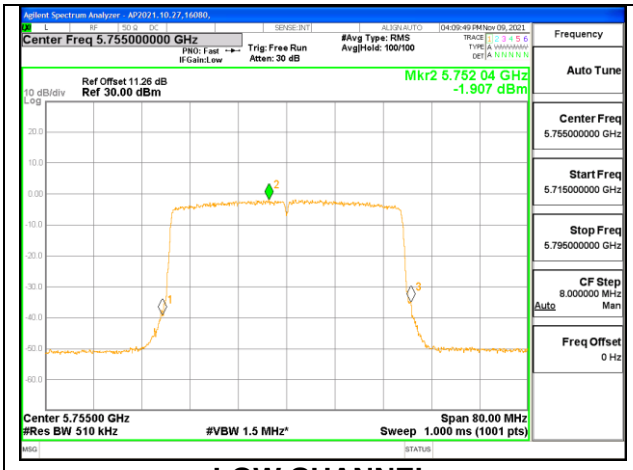
Duty Cycle CF (dB)	0.00	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

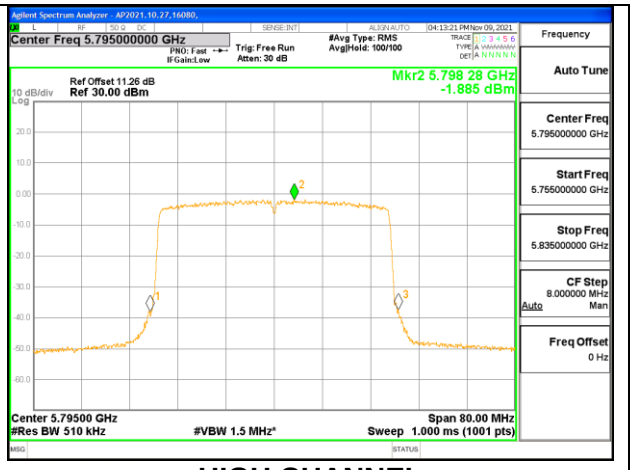
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	14.02	14.02	30.00	-15.98
High	5795	14.02	14.02	30.00	-15.98

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5755	-1.907	-1.907	30.00	-31.91
High	5795	-1.885	-1.885	30.00	-31.89



LOW CHANNEL



HIGH CHANNEL

1TX Antenna 2 OFDM MODE: SU, Single User

Test Engineer:	16080
Test Date:	2/9/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5755	4.50	30.00	30.00
High	5795	4.50	30.00	30.00

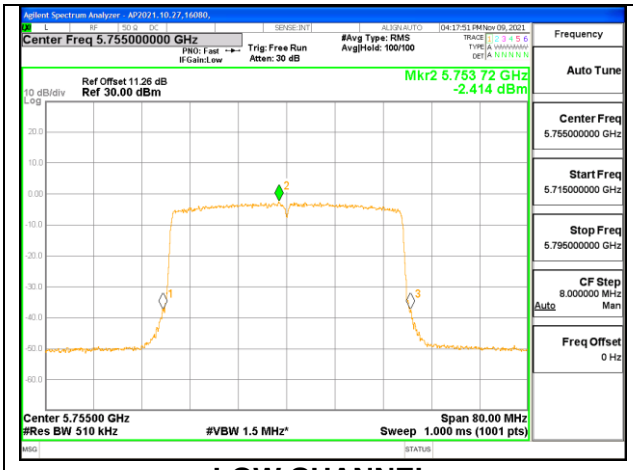
Duty Cycle CF (dB)	0.00	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

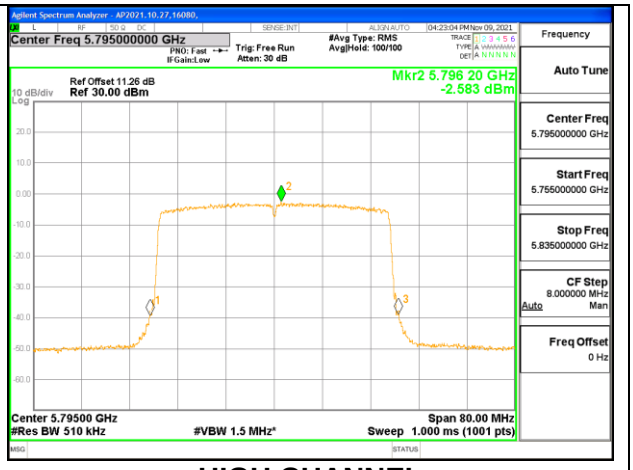
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	13.70	13.70	30.00	-16.30
High	5795	13.60	13.60	30.00	-16.40

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5755	-2.414	-2.414	30.00	-32.41
High	5795	-2.583	-2.583	30.00	-32.58



LOW CHANNEL



HIGH CHANNEL

9.5.28. 802.11ax HE80 MODE 1TX IN THE 5.8GHz BAND (FCC+IC)

1TX Antenna 1 OFDM MODE: SU, Single User

Test Engineer:	16080
Test Date:	2/9/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Mid	5775	3.90	30.00	30.00

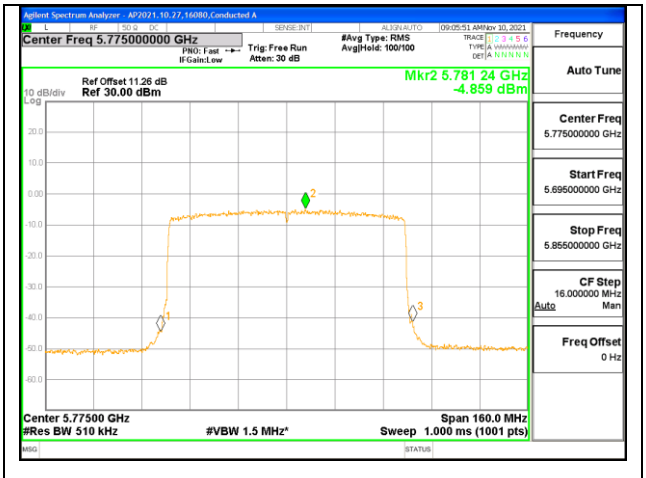
Duty Cycle CF (dB)	0.00	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	14.54	14.54	30.00	-15.46

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	-4.859	-4.859	30.00	-34.86



MID CHANNEL

1TX Antenna 2 OFDM MODE: SU, Single User

Test Engineer:	16080
Test Date:	2/9/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Mid	5775	4.50	30.00	30.00

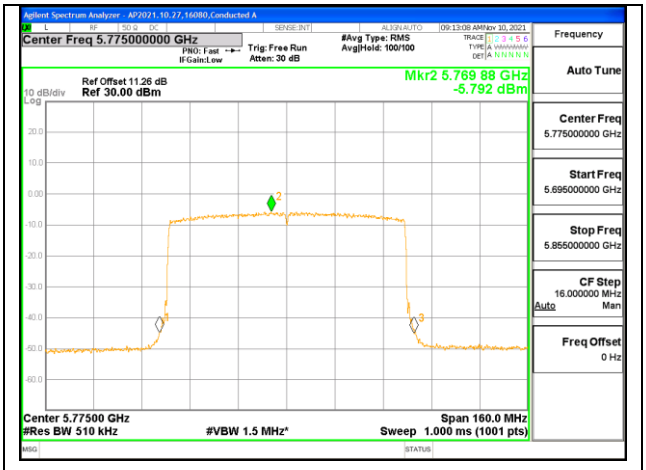
Duty Cycle CF (dB)	0.00	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	14.03	14.03	30.00	-15.97

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	-5.792	-5.792	30.00	-35.79



MID CHANNEL

9.5.29. 802.11ax HE80 MODE 2TX IN THE 5.8GHz BAND (FCC+IC)

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	16080
Test Date:	2/9/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Mid	5775	4.21	7.22	30.00	28.78

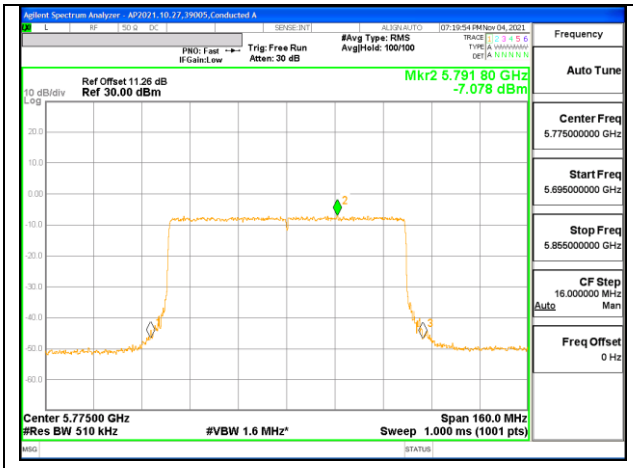
Duty Cycle CF (dB)	0.00	**Included in Calculations of Corr'd Power**

Output Power Results

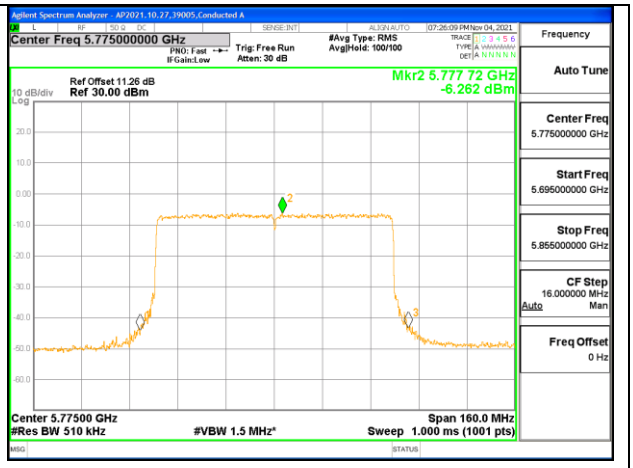
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	12.56	13.60	16.12	30.00	-13.88

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 500KHz)	Chain 1 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	-7.08	-6.26	-3.641	28.78	-32.42



MID CHANNEL Antenna 1



MID CHANNEL Antenna 2

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 26-Tones, RU Index 0

Test Engineer:	16080
Test Date:	2/9/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Mid	5775	4.21	7.22	30.00	28.78

Duty Cycle CF (dB)	0.00	**Included in Calculations of Corr'd Power**

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	5775	12.70	13.58	16.17	30.00	-13.83

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 500KHz)	Chain 1 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	7.836	8.475	11.178	28.78	-17.60

MID CHANNEL Antenna 1

MID CHANNEL Antenna 2

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 26-Tones, RU Index 18

Test Engineer:	16080
Test Date:	2/9/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Mid	5775	4.21	7.22	30.00	28.78

Duty Cycle CF (dB)	0.00	**Included in Calculations of Corr'd Power**

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	5775	13.01	13.64	16.35	30.00	-13.65

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 500KHz)	Chain 1 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	8.208	9.134	11.706	28.78	-17.07

MID CHANNEL Antenna 1

MID CHANNEL Antenna 2

2TX Antenna 1 + Antenna 2 CDD OFDMA MODE: 26-Tones, RU Index 36

Test Engineer:	16080
Test Date:	2/9/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Mid	5775	4.21	7.22	30.00	28.78

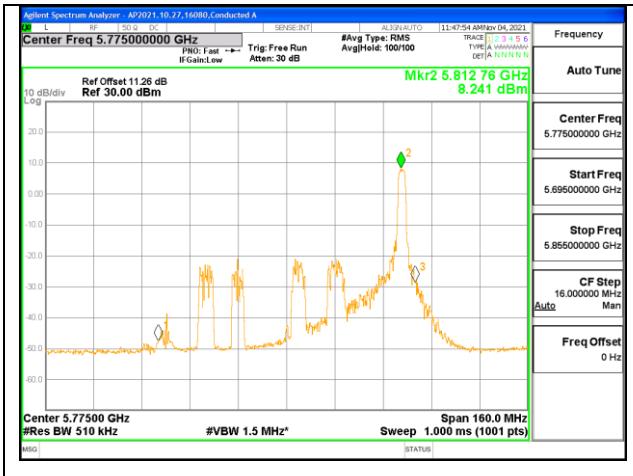
Duty Cycle CF (dB)	0.00	**Included in Calculations of Corr'd Power**

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	5775	12.84	13.63	16.26	30.00	-13.74

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 500KHz)	Chain 1 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	8.241	9.202	11.758	28.78	-17.02



MID CHANNEL Antenna 1

MID CHANNEL Antenna 2

10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209 -Restriced bands

FCC §15.407(b)(1-3) -Un-Restriced 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
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
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 80 cm above the ground plane for measurement below 1GHz; 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 measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements in the 30-1000MHz range, 9kHz for peak and/or quasi-peak detection measurements in the 0.15-30MHz range and 200Hz for peak and/or quasi-peak detection measurements in the 9 to 150kHz range. Peak detection is used unless otherwise noted as quasi-peak or average (9-90kHz and 110-490kHz).

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz 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 as applicable for average measurements.

The spectrum from below 30MHz, 30 MHz to 1GHz and 18GHz to 40 GHz is investigated with the transmitter set to transmit at the channel with highest output power as worst-case scenario. 1GHz to 18GHz was set to the lowest, middle, and highest channels in the 5 GHz bands.

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.

2D antenna use - For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel), parallel and perpendicular are the worst orientations, therefore testing was performed on these two orientations only.

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.

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.

NOTE: The limits in CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table), using the free space impedance of 377 Ohms. For example the measurement at frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to Y – 51.5 = Z dBuA/m, which has the same margin, W dB, to the corresponding RSS-Gen Table 6 limit as it has to 15.209(a) limit.

UL VERIFICATION SERVICES
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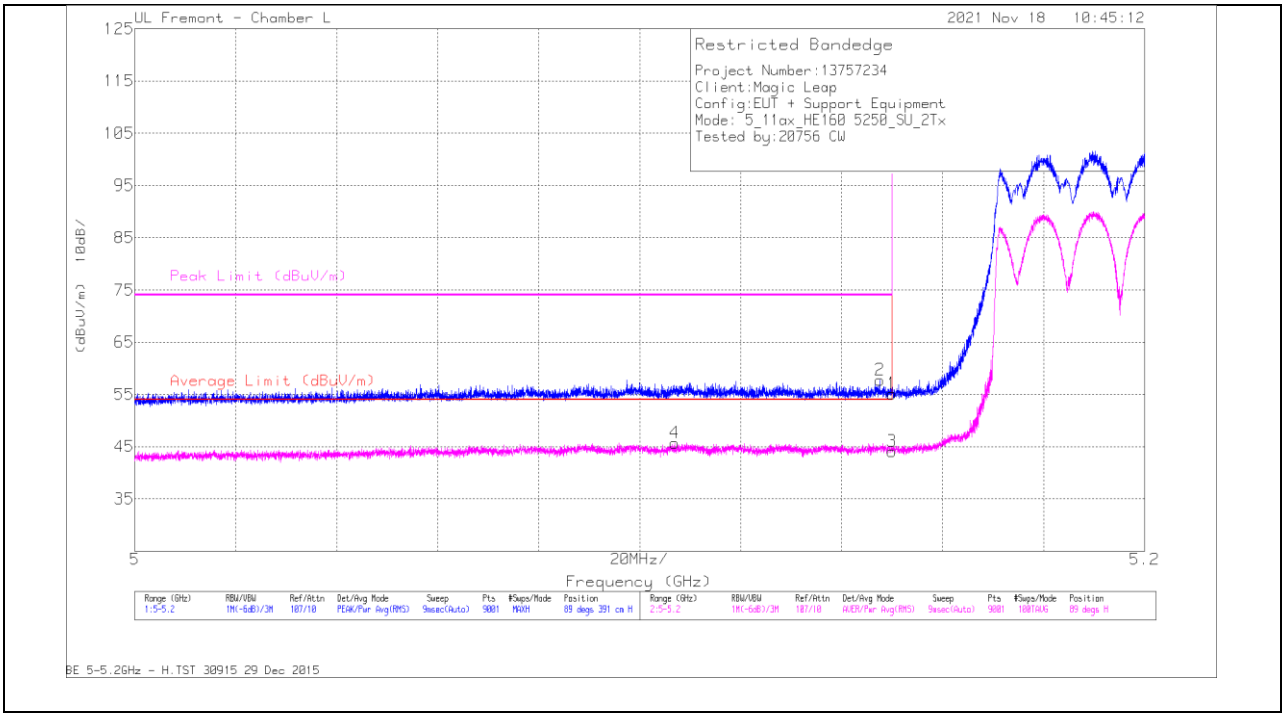
10.1. TRANSMITTER ABOVE 1 GHz

10.1.1. TX ABOVE 1 GHz 802.11ax HE160 MODE IN THE 5.2GHz & 5.3GHz BAND

2TX Antenna 1 + Antenna 2 OFDM MODE: SU, Single User

BANDEDGE (MID CHANNEL LOW EDGE)

HORIZONTAL RESULT

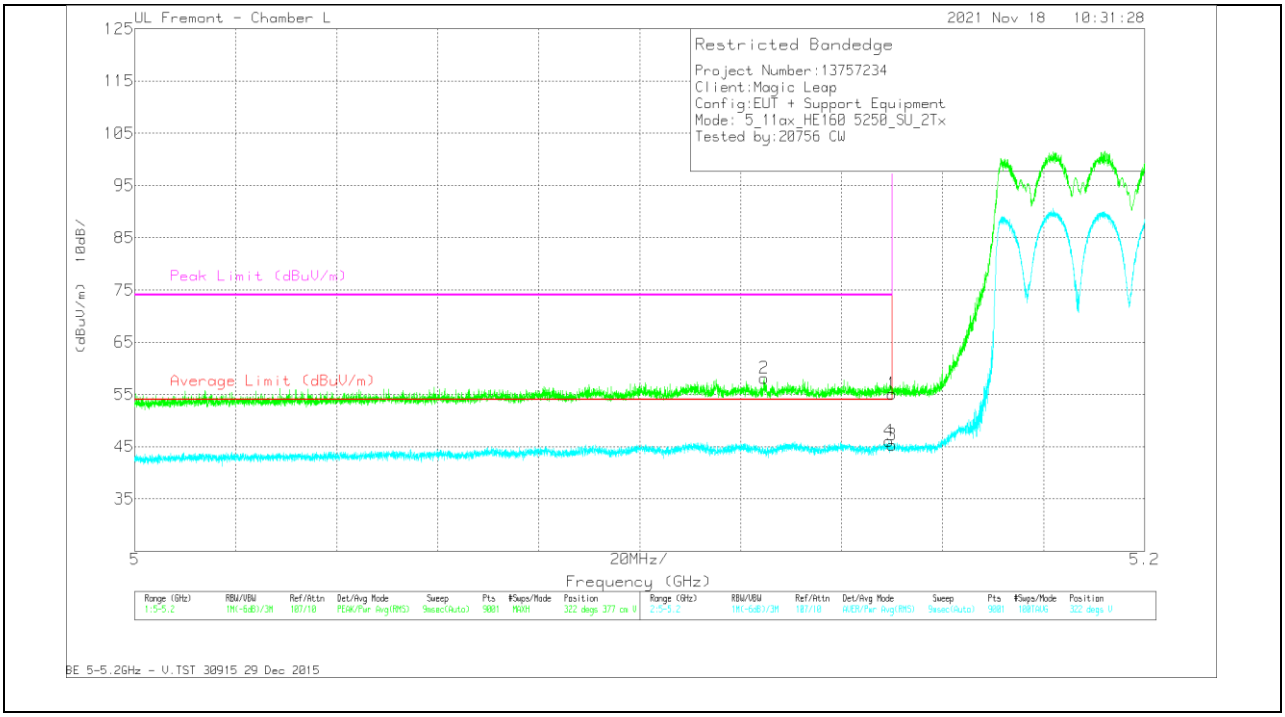


TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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	* 5.15	35.48	Pk	34.6	-14.9	55.18	-	-	74	-18.82	89	391	H
2	* 5.1476	38.01	Pk	34.6	-14.9	57.71	-	-	74	-16.29	89	391	H
3	* 5.15	24.34	RMS	34.6	-14.9	44.04	54	-9.96	-	-	89	391	H
4	* 5.1069	25.99	RMS	34.5	-14.8	45.69	54	-8.31	-	-	89	391	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



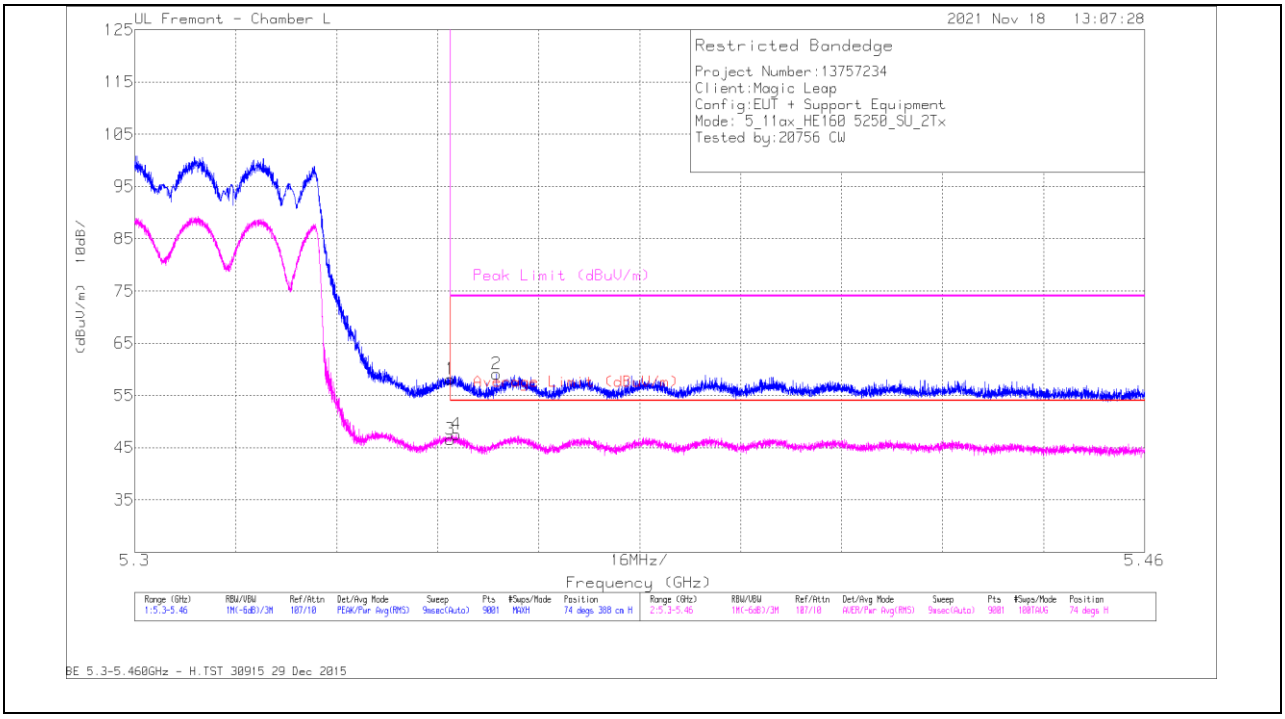
TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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	* 5.15	35.45	Pk	34.6	-14.9	55.15	-	-	74	-18.85	322	377	V
2	* 5.1246	38.55	Pk	34.5	-14.9	58.15	-	-	74	-15.85	322	377	V
3	* 5.15	25.6	RMS	34.6	-14.9	45.3	54	-8.7	-	-	322	377	V
4	* 5.1494	26.39	RMS	34.6	-14.9	46.09	54	-7.91	-	-	322	377	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

BANDEDGE (MID CHANNEL HIGH EDGE)

HORIZONTAL RESULT

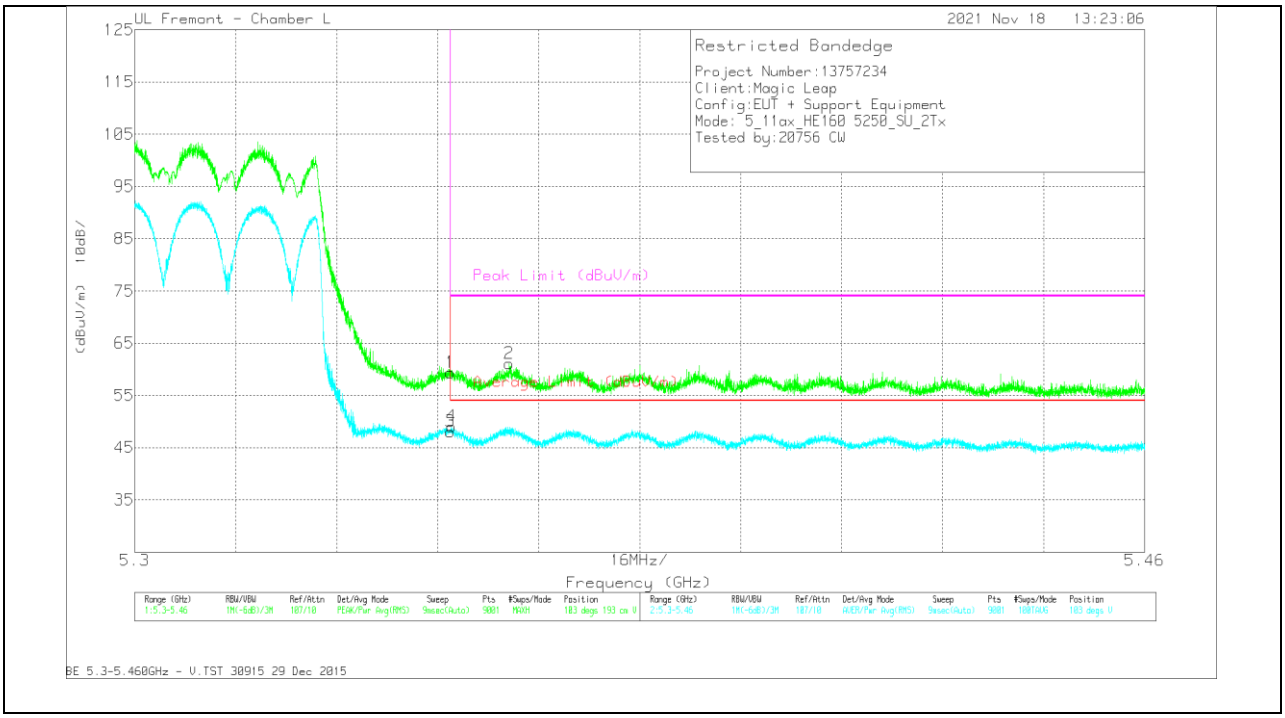


TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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	* 5.35	37.66	Pk	34.9	-14.4	58.16	-	-	74	-15.84	74	388	H
2	* 5.3573	38.59	Pk	34.9	-14.4	59.09	-	-	74	-14.91	74	388	H
3	* 5.35	26.05	RMS	34.9	-14.4	46.55	54	-7.45	-	-	74	388	H
4	* 5.3509	27.04	RMS	34.9	-14.4	47.54	54	-6.46	-	-	74	388	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



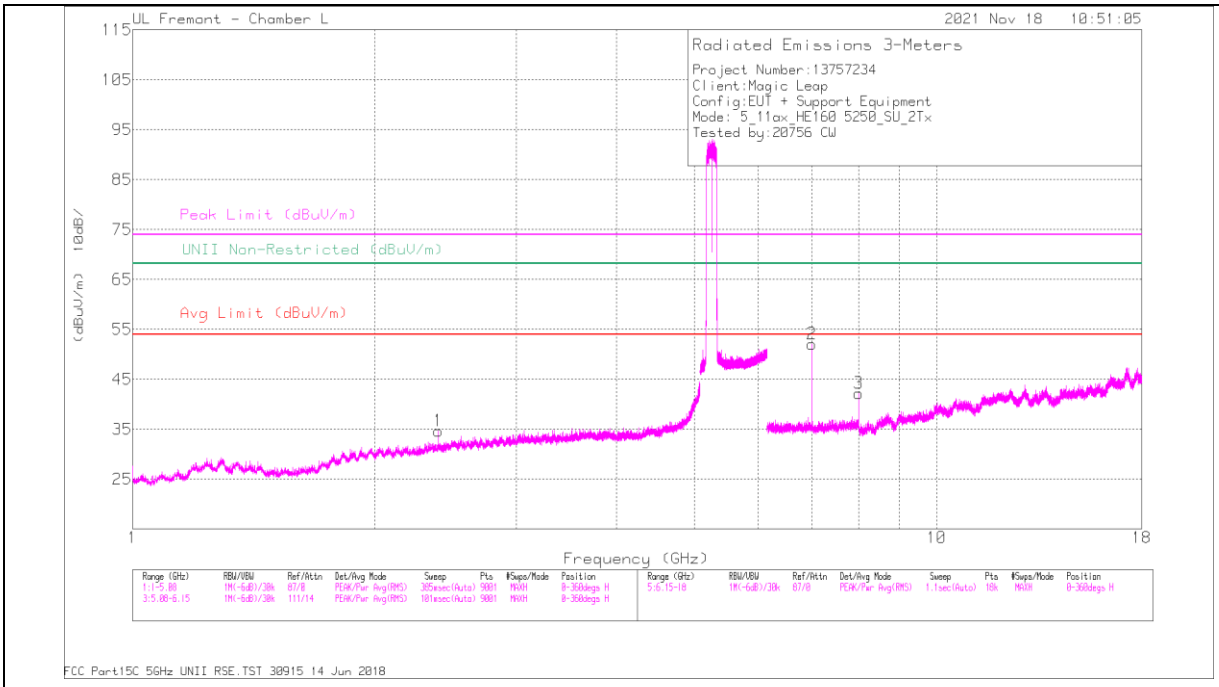
TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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	* 5.35	38.84	Pk	34.9	-14.4	59.34	-	-	74	-14.66	103	193	V
2	* 5.3593	40.61	Pk	34.9	-14.4	61.11	-	-	74	-12.89	103	193	V
3	* 5.35	27.55	RMS	34.9	-14.4	48.05	54	-5.95	-	-	103	193	V
4	* 5.3502	28.58	RMS	34.9	-14.4	49.08	54	-4.92	-	-	103	193	V

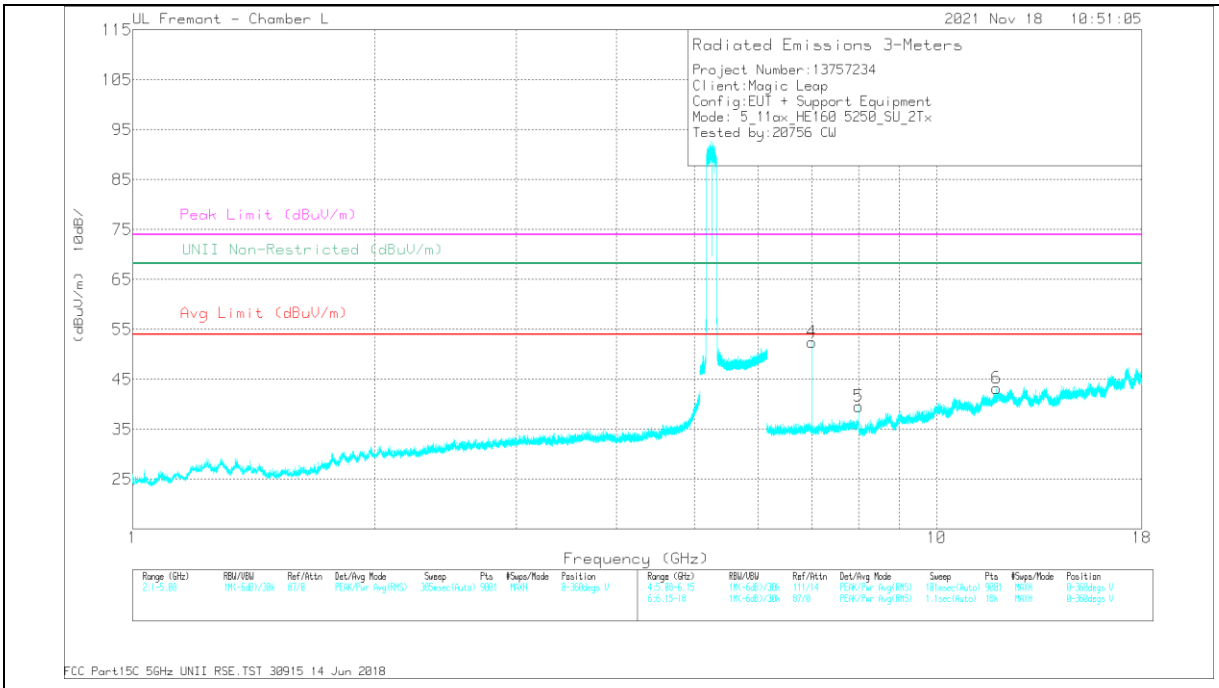
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fltr/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
1	2.3998	40.04	PK-U	32	-29.3	42.74	-	-	-	-	68.2	-25.46	48	124	H
	2.4	29.36	ADR	32	-29.3	32.06	-	-	-	-	-	-	48	124	H
2	6.9999	36.59	PK-U	35.6	-20.5	51.69	-	-	-	-	68.2	-16.51	331	145	H
3	8	30.36	PK-U	35.8	-18.6	47.56	-	-	-	-	68.2	-20.64	97	141	H
4	6.9999	42.94	PK-U	35.6	-20.5	58.04	-	-	-	-	68.2	-10.16	280	387	V
5	7.9999	28.28	PK-U	35.8	-18.6	45.48	-	-	-	-	68.2	-22.72	111	146	V
6	* 11.8725	28.79	PK-U	39.1	-16.9	50.99	-	-	74	-23.01	-	-	23	153	V
	* 11.8728	17.46	ADR	39.1	-16.9	39.66	54	-14.34	-	-	-	-	23	153	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

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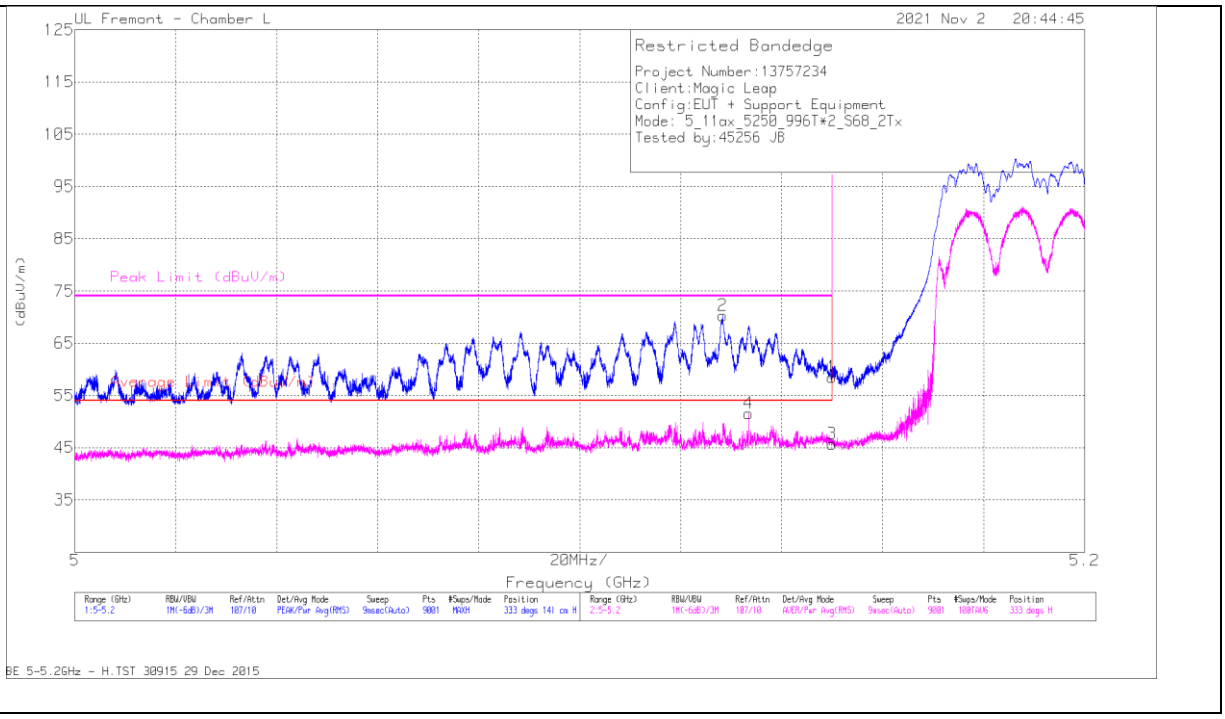
2TX Antenna 1 + Antenna 2 OFDMA MODE: 2x 996-Tones, Index 68

BANDEDGE (MID CHANNEL LOW EDGE)

HORIZONTAL RESULT

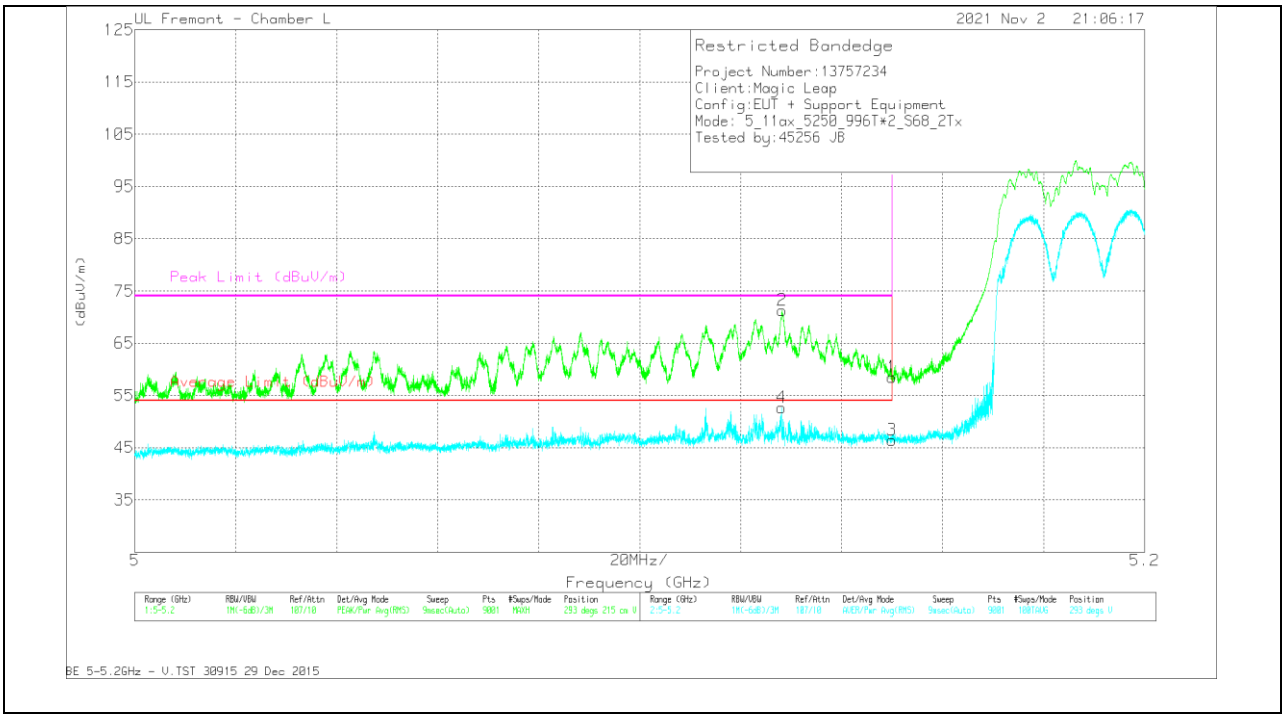


TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fltr/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	5.15	38.77	Pk	34.6	-14.9	-	58.47	-	-	74	-15.53	333	141	H
2	5.1283	50.63	Pk	34.6	-14.9	-	70.33	-	-	74	-3.67	333	141	H
3	5.15	26.02	RMS	34.6	-14.9	0.1	45.82	54	-8.18	-	-	333	141	H
4	5.1334	31.84	RMS	34.6	-14.9	0.1	51.64	54	-2.36	-	-	333	141	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fltr/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	5.15	38.82	Pk	34.6	-14.9	-	58.52	-	-	74	-15.48	293	215	V
2	5.1282	51.52	Pk	34.6	-14.9	-	71.22	-	-	74	-2.78	293	215	V
3	5.15	26.79	RMS	34.6	-14.9	0.1	46.59	54	-7.41	-	-	293	215	V
4	5.128	32.92	RMS	34.6	-14.9	0.1	52.72	54	-1.28	-	-	293	215	V

Pk - Peak detector
RMS - RMS detection