

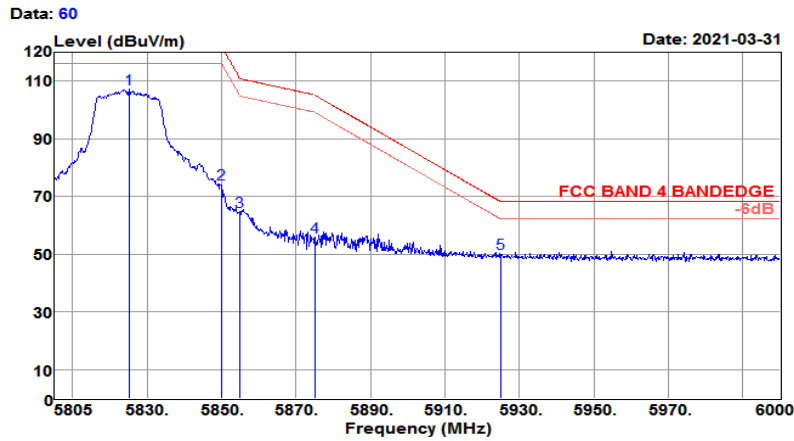


Test Mode :	802.11 n VHT 20 CH165 5825MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.75GHz~5.95GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT20 CH165(5825MHZ) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5825.085	102.21	32.12	7.41	34.31	107.43	122.20	-14.77	Peak
5850.000	68.93	32.16	7.46	34.33	74.22	122.20	-47.98	Peak
5855.000	59.36	32.17	7.47	34.33	64.67	110.80	-46.13	Peak
5875.000	50.56	32.20	7.52	34.34	55.94	105.20	-49.26	Peak
5925.000	44.83	32.28	7.63	34.36	50.38	68.20	-17.82	Peak

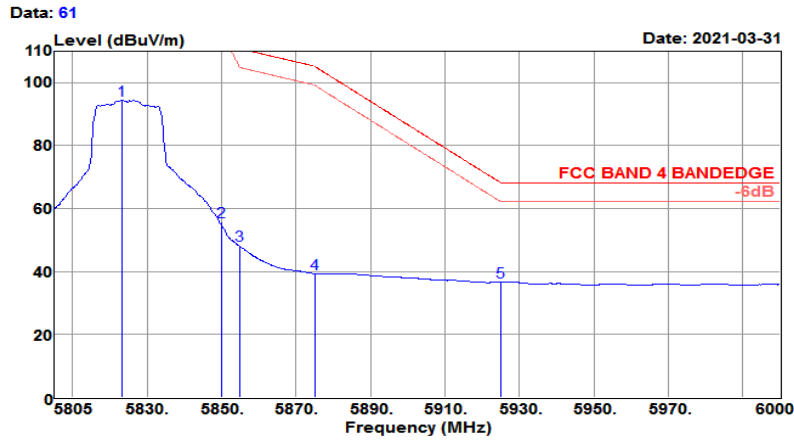


Test Mode :	802.11 n VHT 20 CH165 5825MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.75GHz~5.95GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT20 CH165(5825MHz) Power rating: DC 3.85V

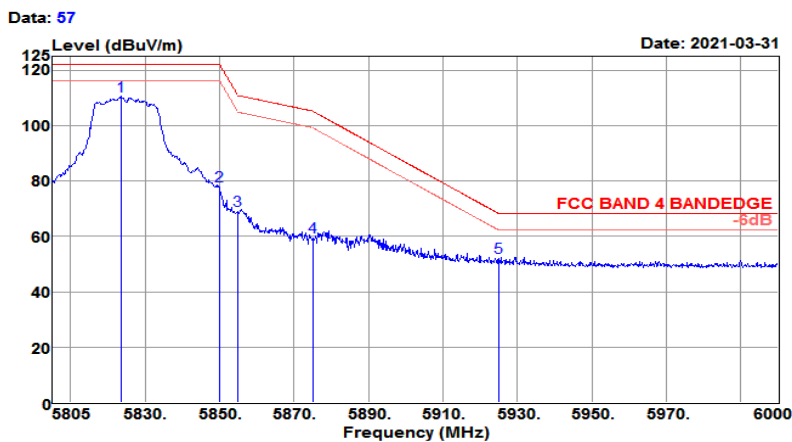


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5823.330	89.35	32.12	7.40	34.31	94.56	122.20	-27.64	Average
5850.000	50.43	32.16	7.46	34.33	55.72	122.20	-66.48	Average
5855.000	42.94	32.17	7.47	34.33	48.25	110.80	-62.55	Average
5875.000	34.02	32.20	7.52	34.34	39.40	105.20	-65.80	Average
5925.000	31.15	32.28	7.63	34.36	36.70	68.20	-31.50	Average



Test Mode :	802.11 n VHT 20 CH165 5825MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.75GHz~5.95GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19°C/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH165(5825MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5823.720	105.27	32.12	7.40	34.31	110.48	122.20	-11.72	Peak
5850.000	72.77	32.16	7.46	34.33	78.06	122.20	-44.14	Peak
5855.000	64.20	32.17	7.47	34.33	69.51	110.80	-41.29	Peak
5875.000	54.51	32.20	7.52	34.34	59.89	105.20	-45.31	Peak
5925.000	46.75	32.28	7.63	34.36	52.30	68.20	-15.90	Peak

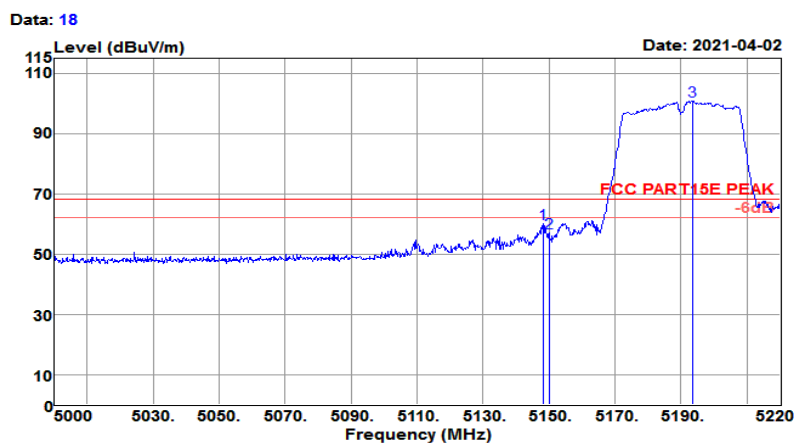


BUREAU VERITAS

Test Report No.: RFW7L-P21040029-6

Test Mode :	802.11n VHT40 CH38 5190MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.0GHz~5.26GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11ac VHT40 CH38(5190MHz)	Power rating:	: DC 3.85V

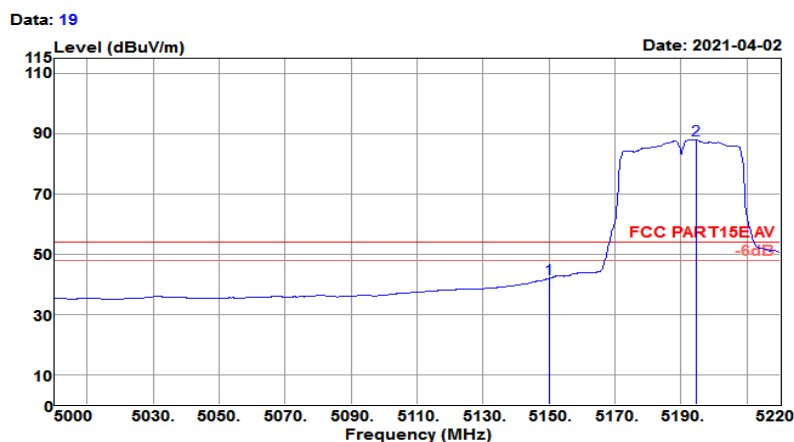


Freq	Reading	Antenna	Cable	Preamp	level	Limit	Over	Remark
MHz	dBuV	factor	loss	factor	dBuV/m	dBuV/m	limit	
		dB/m	dB	dB			dB	
5148.280	54.47	31.32	8.16	33.97	59.98	68.20	-8.22	Peak
5150.000	51.44	31.32	8.17	33.98	56.95	68.20	-11.25	Peak
5193.380	95.25	31.35	8.24	34.00	100.84	68.20	32.64	Peak



Test Mode :	802.11n VHT40 CH38 5190MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.0GHz~5.26GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH38(5190MHz) Power rating: DC 3.85V

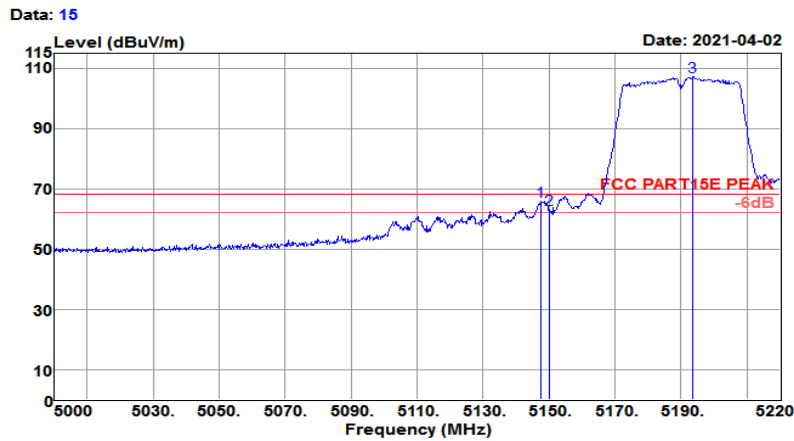


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	36.38	31.32	8.17	33.98	41.89	54.00	-12.11	Average
5194.700	82.28	31.36	8.24	34.00	87.88	54.00	33.88	Average



Test Mode :	802.11n VHT40 CH38 5190MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.0GHz~5.26GHz	Polarization :	Vertical

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH38(5190MHz)
 Power rating: DC 3.85V



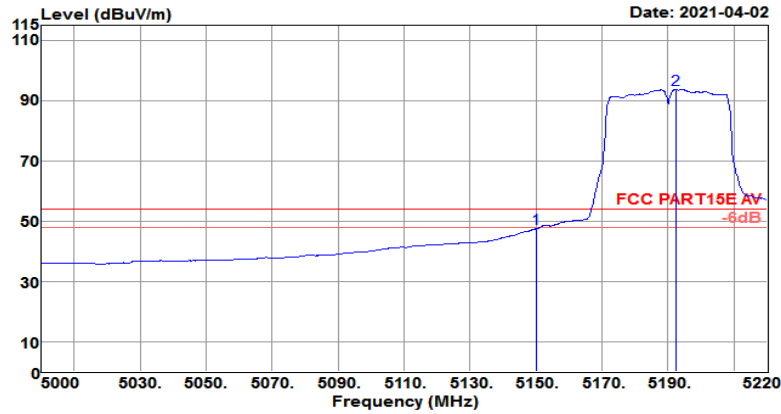
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5147.400	60.23	31.32	8.16	33.97	65.74	68.20	-2.46	Peak
5150.000	57.56	31.32	8.17	33.98	63.07	68.20	-5.13	Peak
5193.600	101.53	31.35	8.24	34.00	107.12	68.20	38.92	Peak



Test Mode :	802.11n VHT40 CH38 5190MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.0GHz~5.26GHz	Polarization :	Vertical

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH38(5190MHz) Power rating: DC 3.85V

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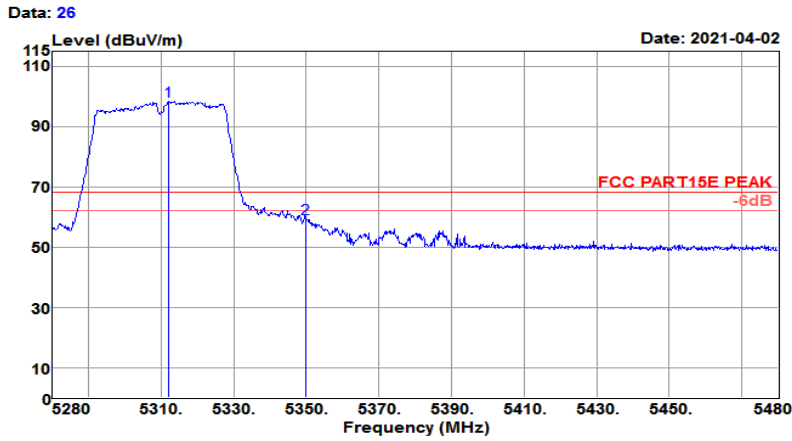


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	41.94	31.32	8.17	33.98	47.45	54.00	-6.55	Average
5192.500	88.06	31.35	8.24	34.00	93.65	54.00	39.65	Average



Test Mode :	802.11n VHT40 CH62 5310MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.3GHz~5.46GHz	Polarization :	Horizontal

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH62(5310MHz)
 Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5312.200	92.26	31.45	8.69	34.06	98.34	68.20	30.14	Peak
5350.000	53.26	31.48	8.84	34.08	59.50	68.20	-8.70	Peak



Test Mode :	802.11n VHT40 CH62 5310MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.3GHz~5.46GHz	Polarization :	Horizontal

Test Site : 3m Chamber

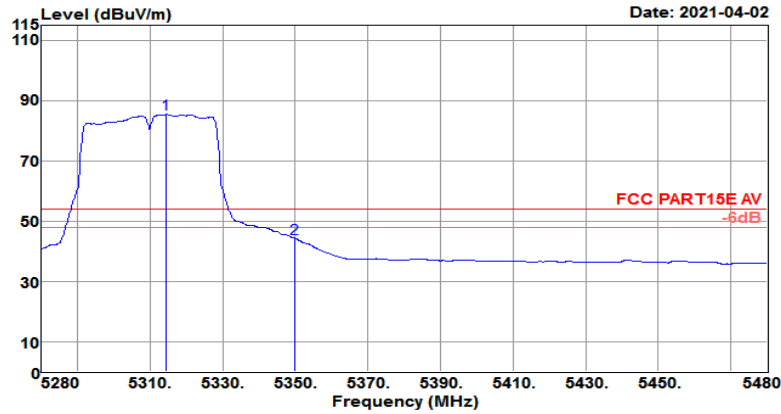
 Temp/Humi : 19°C/60%

 Tested by : Jack

 Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT40 CH62(5310MHz) Power rating: DC 3.85V

Data: 27



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5314.600	79.29	31.45	8.70	34.06	85.38	54.00	31.38	Average
5350.000	38.03	31.48	8.84	34.08	44.27	54.00	-9.73	Average

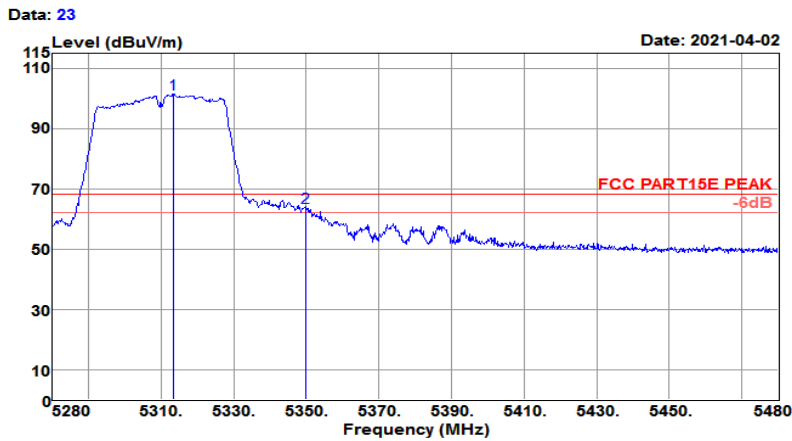


Test Mode :	802.11n VHT40 CH62 5310MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.3GHz~5.46GHz	Polarization :	Vertical

Test Site : 3m Chamber
Temp/Humi : 19°C/60%

Tested by : Jack
Pol/Phase : VERTICAL

Test Mode : 802.11ac VHT40 CH62(5310MHz)
Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5313.400	95.33	31.45	8.69	34.06	101.41	68.20	33.21	Peak
5350.000	57.68	31.48	8.84	34.08	63.92	68.20	-4.28	Peak



Test Mode :	802.11n VHT40 CH62 5310MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.3GHz~5.46GHz	Polarization :	Vertical

Test Site : 3m Chamber

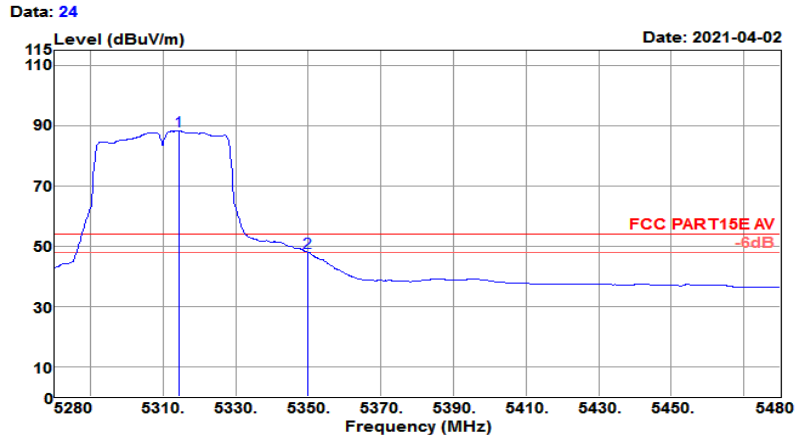
 Temp/Humi : 19°C/60%

 Tested by : Jack

 Pol/Phase : VERTICAL

 Test Mode : 802.11ac VHT40 CH62(5310MHz)

 Power rating: DC 3.85V

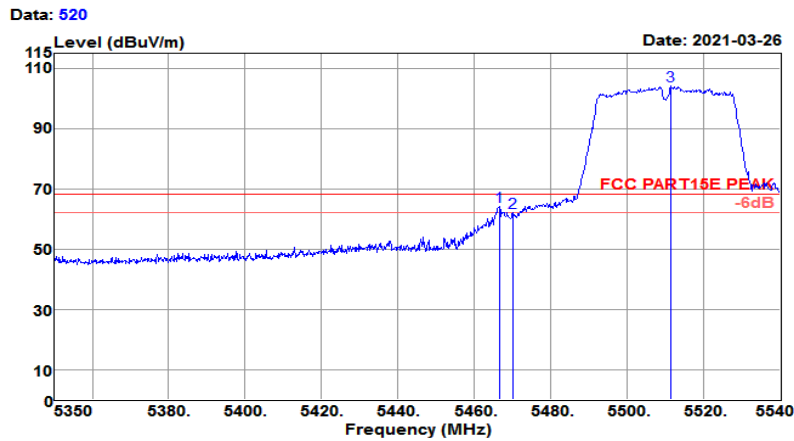


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5314.600	82.08	31.45	8.70	34.06	88.17	54.00	34.17	Average
5350.000	41.74	31.48	8.84	34.08	47.98	54.00	-6.02	Average



Test Mode :	802.11n VHT40 CH102 5510MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.35GHz~5.51GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH102(5510MHz) Power rating: DC 3.85V



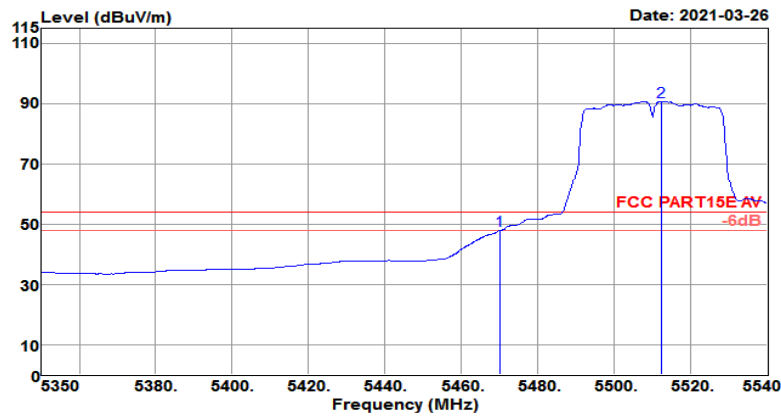
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5466.470	57.78	31.57	8.87	34.13	64.09	68.20	-4.11	Peak
5470.000	55.73	31.58	8.86	34.14	62.03	68.20	-6.17	Peak
5511.310	97.82	31.62	8.76	34.16	104.04	68.20	35.84	Peak



Test Mode :	802.11n VHT40 CH102 5510MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.35GHz~5.51GHz	Polarization :	Horizontal

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH102(5510MHz) Power rating: DC 3.85V

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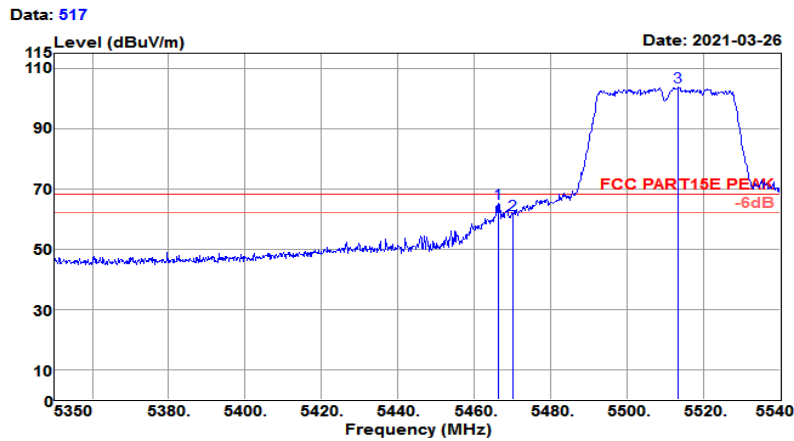


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.080	41.65	31.58	8.86	34.14	47.95	54.00	-6.05	Average
5512.450	84.49	31.62	8.75	34.16	90.70	54.00	36.70	Average



Test Mode :	802.11n VHT40 CH102 5510MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.35GHz~5.51GHz	Polarization :	Vertical

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH102(5510MHz) Power rating: DC 3.85V



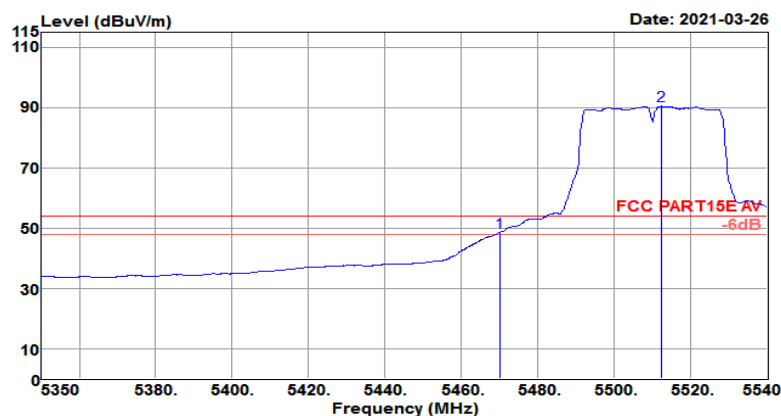
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5466.280	58.92	31.57	8.87	34.13	65.23	68.20	-2.97	Peak
5470.000	55.24	31.58	8.86	34.14	61.54	68.20	-6.66	Peak
5513.400	97.53	31.62	8.75	34.16	103.74	68.20	35.54	Peak



Test Mode :	802.11n VHT40 CH102 5510MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.35GHz~5.51GHz	Polarization :	Vertical

Test Site :	3m Chamber	Temp/Humi :	19℃/60%
Tested by :	Jack	Pol/Phase :	VERTICAL
Test Mode :	802.11ac VHT40 CH102(5510MHz)	Power rating:	DC 3.85V

Data: 518



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	42.37	31.58	8.86	34.14	48.67	54.00	-5.33	Average
5512.450	84.25	31.62	8.75	34.16	90.46	54.00	36.46	Average

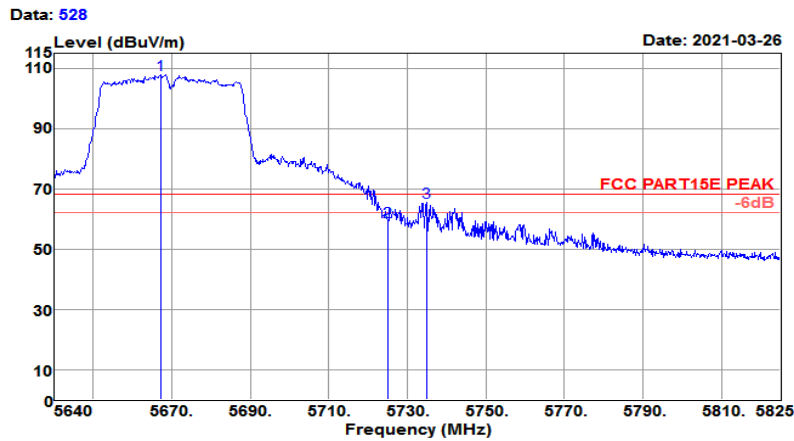


**BUREAU
VERITAS**

Test Report No.: RFW7L-P21040029-6

Test Mode :	802.11n VHT40 CH134 5670MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.685GHz~5.765GHz	Polarization :	Horizontal

Test Site : 3m Chamber
Temp/Humi : 19°C/60%
Tested by : Jack
Pol/Phase : HORIZONTAL
Test Mode : 802.11ac VHT40 CH134(5670MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5667.195	102.07	31.87	8.14	34.23	107.85	68.20	39.65	Peak
5725.000	53.63	31.96	7.80	34.26	59.13	68.20	-9.07	Peak
5735.090	60.02	31.98	7.74	34.27	65.47	68.20	-2.73	Peak



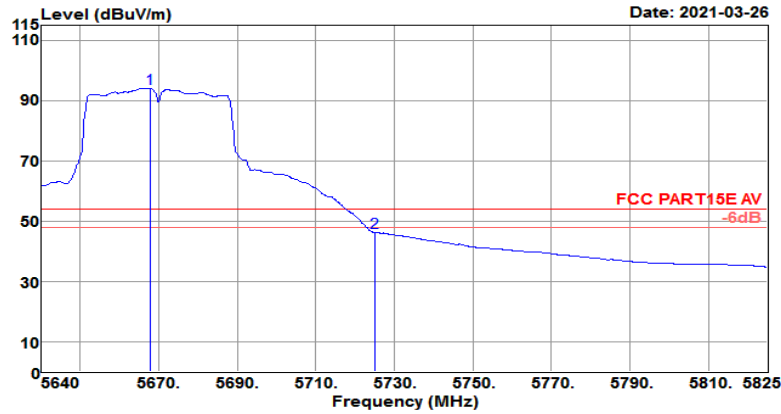
Test Mode :	802.11n VHT40 CH134 5670MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.685GHz~5.765GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT40 CH134(5670MHz) Power rating: DC 3.85V

Data: 529

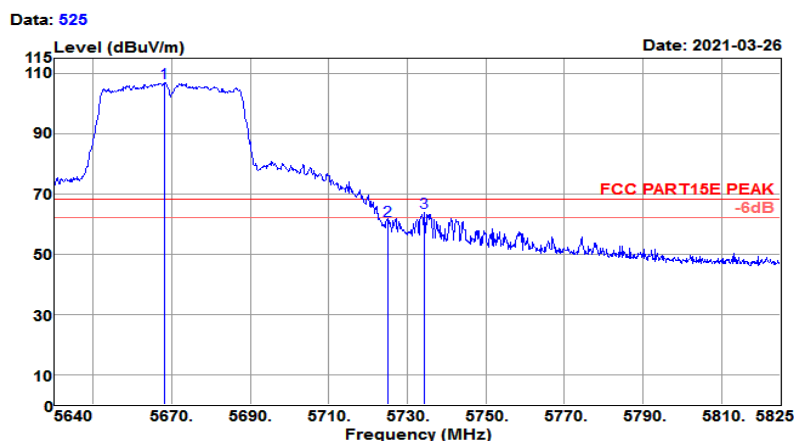


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5667.750	88.20	31.87	8.14	34.23	93.98	54.00	39.98	Average
5725.000	40.64	31.96	7.80	34.26	46.14	54.00	-7.86	Average



Test Mode :	802.11n VHT40 CH134 5670MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.685GHz~5.765GHz	Polarization :	Vertical

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH134(5670MHz) Power rating: DC 3.85V



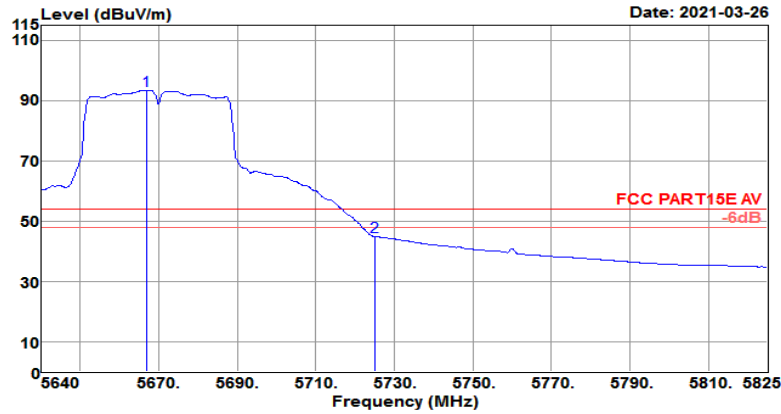
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5668.120	101.03	31.87	8.13	34.23	106.80	68.20	38.60	Peak
5725.000	55.74	31.96	7.80	34.26	61.24	68.20	-6.96	Peak
5734.350	58.25	31.97	7.74	34.27	63.69	68.20	-4.51	Peak



Test Mode :	802.11n VHT40 CH134 5670MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.685GHz~5.765GHz	Polarization :	Vertical

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH134(5670MHz) Power rating: DC 3.85V

Data: 526



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5667.010	87.61	31.87	8.14	34.23	93.39	54.00	39.39	Average
5725.000	39.24	31.96	7.80	34.26	44.74	54.00	-9.26	Average



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VERITAS

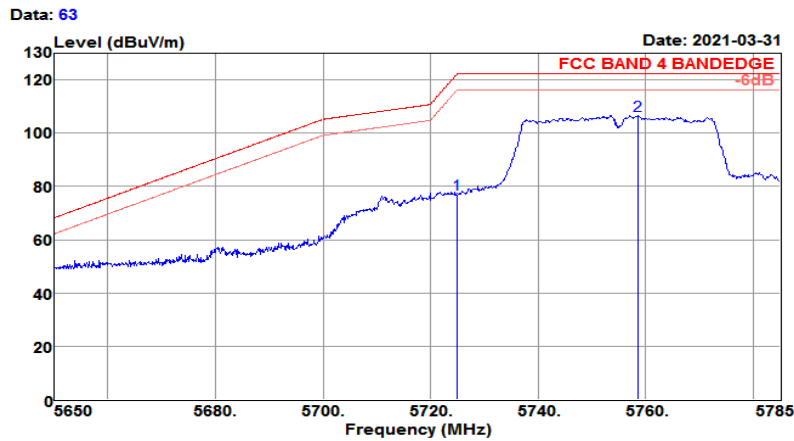
Test Report No.: RFW7L-P21040029-6

Test Mode :	802.11n VHT40 CH151 5755MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.6GHz~5.85GHz	Polarization :	Horizontal

Test Site : 3m Chamber
Temp/Humi : 19°C/60%

Tested by : Jack
Pol/Phase : HORIZONTAL

Test Mode : 802.11ac VHT40 CH151(5755MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	71.45	31.96	7.80	34.26	76.95	122.20	-45.25	Peak
5758.675	101.25	32.01	7.60	34.28	106.58	122.20	-15.62	Peak



**BUREAU
VERITAS**

Test Report No.: RFW7L-P21040029-6

Test Mode :	802.11n VHT40 CH151 5755MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.6GHz~5.85GHz	Polarization :	Horizontal

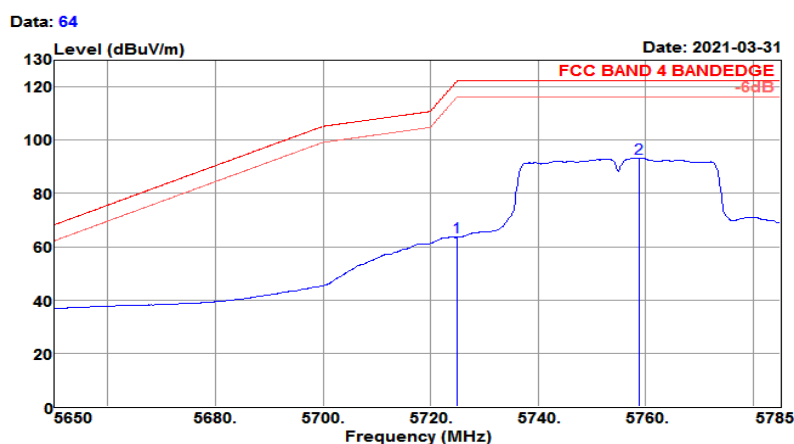
Test Site : 3m Chamber

 Temp/Humi : 19°C/60%

 Tested by : Jack

 Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT40 CH151(5755MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	58.13	31.96	7.80	34.26	63.63	122.20	-58.57	Average
5758.810	87.81	32.01	7.60	34.28	93.14	122.20	-29.06	Average

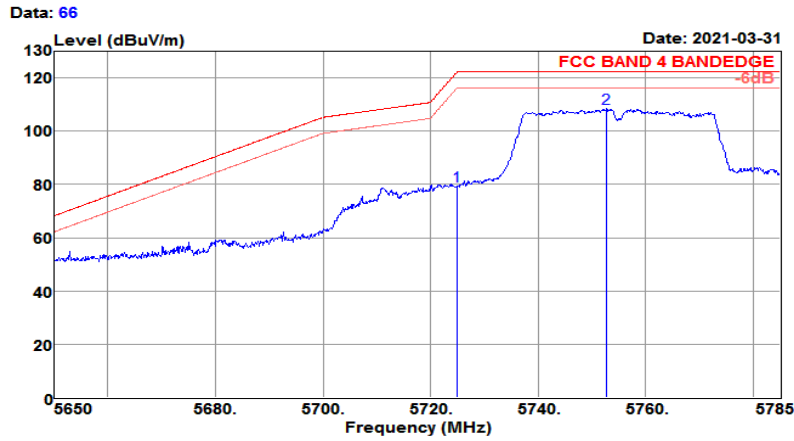


Test Mode :	802.11n VHT40 CH151 5755MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.6GHz~5.85GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%

 Tested by : Jack Pol/Phase : VERTICAL

 Test Mode : 802.11ac VHT40 CH151(5755MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	73.78	31.96	7.80	34.26	79.28	122.20	-42.92	Peak
5752.735	103.00	32.00	7.63	34.28	108.35	122.20	-13.85	Peak

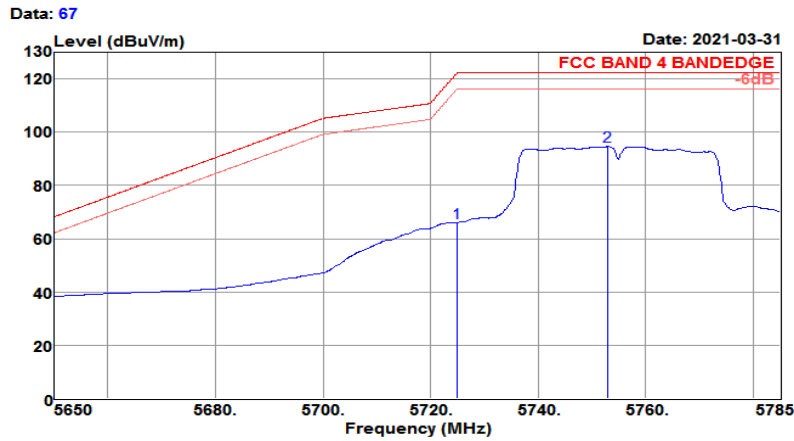


Test Mode :	802.11n VHT40 CH151 5755MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.6GHz~5.85GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19°C/60%

 Tested by : Jack Pol/Phase : VERTICAL

 Test Mode : 802.11ac VHT40 CH151(5755MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	60.60	31.96	7.80	34.26	66.10	122.20	-56.10	Average
5753.005	89.21	32.00	7.63	34.28	94.56	122.20	-27.64	Average

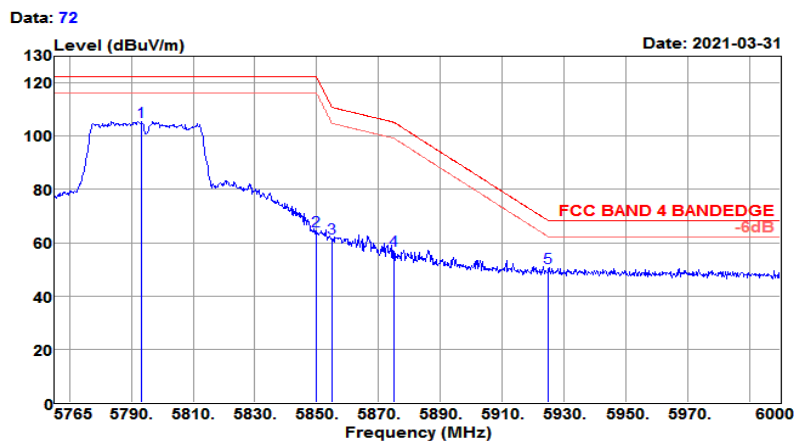


Test Mode :	802.11n VHT40 CH159 5795MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.75GHz~5.95GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT40 CH159(5795MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5793.435	100.31	32.07	7.39	34.30	105.47	122.20	-16.73	Peak
5850.000	59.12	32.16	7.46	34.33	64.41	122.20	-57.79	Peak
5855.000	56.45	32.17	7.47	34.33	61.76	110.80	-49.04	Peak
5875.000	51.68	32.20	7.52	34.34	57.06	105.20	-48.14	Peak
5925.000	45.23	32.28	7.63	34.36	50.78	68.20	-17.42	Peak

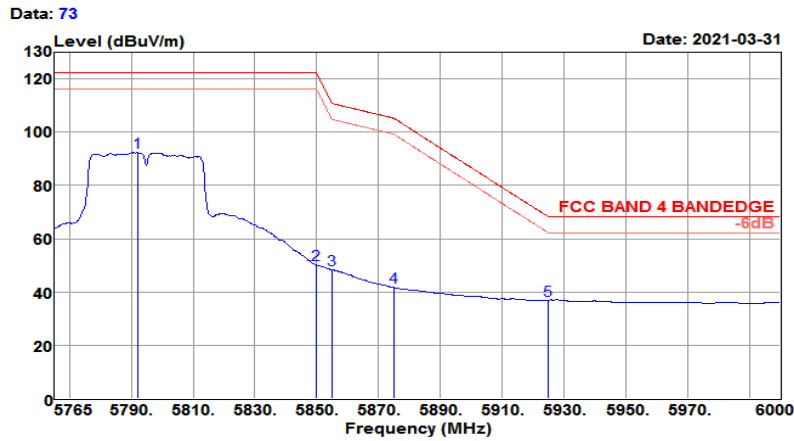


Test Mode :	802.11n VHT40 CH159 5795MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.75GHz~5.95GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT40 CH159(5795MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5792.025	87.16	32.07	7.40	34.30	92.33	122.20	-29.87	Average
5850.000	44.94	32.16	7.46	34.33	50.23	122.20	-71.97	Average
5855.000	43.14	32.17	7.47	34.33	48.45	110.80	-62.35	Average
5875.000	36.36	32.20	7.52	34.34	41.74	105.20	-63.46	Average
5925.000	31.46	32.28	7.63	34.36	37.01	68.20	-31.19	Average

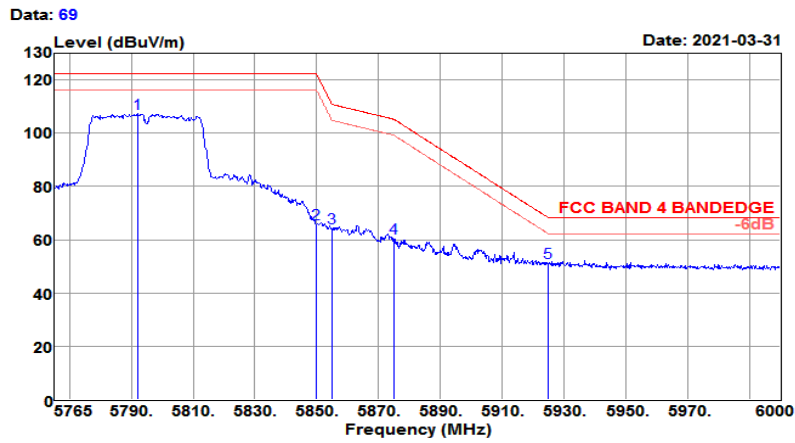


BUREAU VERITAS

Test Report No.: RFW7L-P21040029-6

Test Mode :	802.11n VHT40 CH159 5795MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.75GHz~5.95GHz	Polarization :	Vertical

Test Site : 3m Chamber
Temp/Humi : 19°C/60%
Tested by : Jack
Pol/Phase : VERTICAL
Test Mode : 802.11ac VHT40 CH159(5795MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5792.260	102.05	32.07	7.40	34.30	107.22	122.20	-14.98	Peak
5850.000	60.88	32.16	7.46	34.33	66.17	122.20	-56.03	Peak
5855.000	59.04	32.17	7.47	34.33	64.35	110.80	-46.45	Peak
5875.000	55.26	32.20	7.52	34.34	60.64	105.20	-44.56	Peak
5925.000	45.83	32.28	7.63	34.36	51.38	68.20	-16.82	Peak

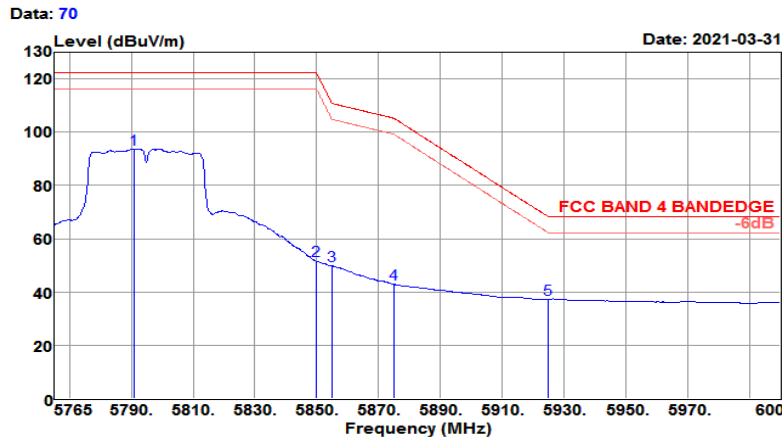


**BUREAU
VERITAS**

Test Report No.: RFW7L-P21040029-6

Test Mode :	802.11n VHT40 CH159 5795MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.75GHz~5.95GHz	Polarization :	Vertical

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH159(5795MHz) Power rating: DC 3.85V

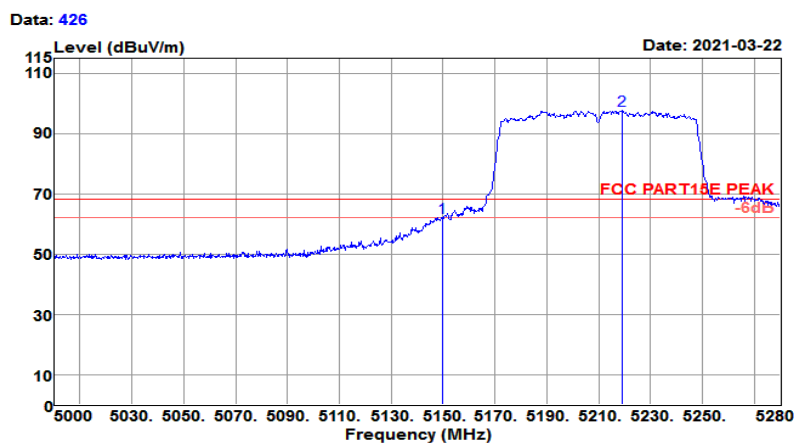


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5790.850	88.49	32.07	7.40	34.30	93.66	122.20	-28.54	Average
5850.000	46.31	32.16	7.46	34.33	51.60	122.20	-70.60	Average
5855.000	44.59	32.17	7.47	34.33	49.90	110.80	-60.90	Average
5875.000	37.59	32.20	7.52	34.34	42.97	105.20	-62.23	Average
5925.000	31.79	32.28	7.63	34.36	37.34	68.20	-30.86	Average



Test Mode :	802.11ac VHT80 CH42 5210MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.0GHz~5.28GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19°C/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11ac VHT80 CH42(5210MHz)	Power rating:	DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	56.63	31.32	8.17	33.98	62.14	68.20	-6.06	Peak
5218.960	91.85	31.38	8.32	34.01	97.54	68.20	29.34	Peak

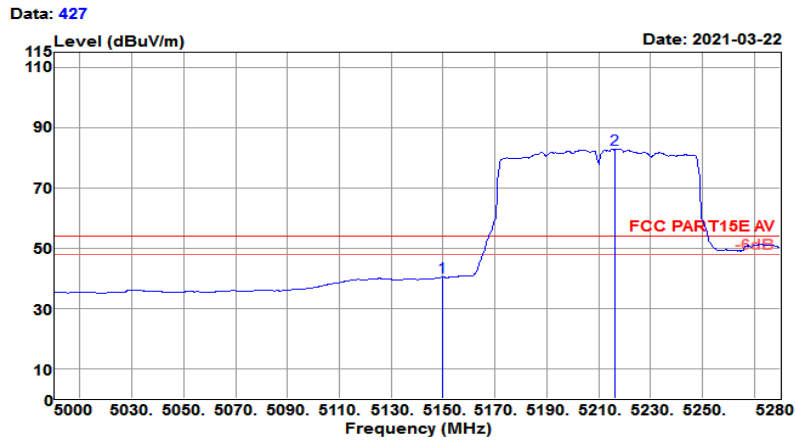


Test Mode :	802.11ac VHT80 CH42 5210MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.0GHz~5.28GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT80 CH42(5210MHz) Power rating: DC 3.85V

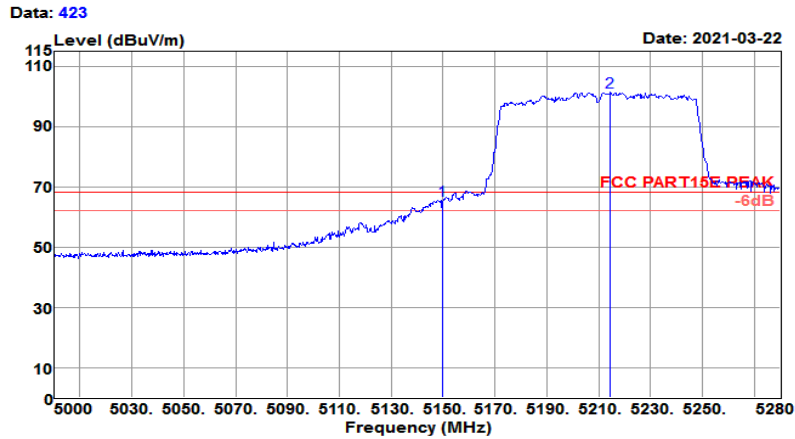


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	34.98	31.32	8.17	33.98	40.49	54.00	-13.51	Average
5216.440	77.25	31.37	8.31	34.01	82.92	54.00	28.92	Average



Test Mode :	802.11ac VHT80 CH42 5210MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.0GHz~5.26GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH42(5210MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	60.09	31.32	8.17	33.98	65.60	68.20	-2.60	Peak
5214.480	95.71	31.37	8.31	34.01	101.38	68.20	33.18	Peak



Test Mode :	802.11ac VHT80 CH42 5210MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.0GHz~5.26GHz	Polarization :	Vertical

Test Site : 3m Chamber

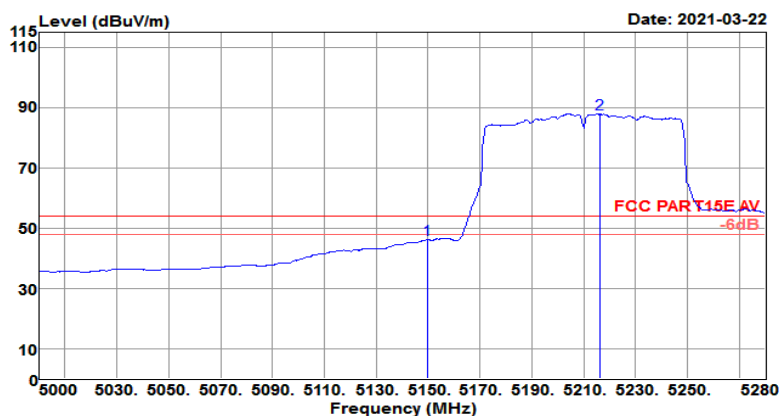
 Temp/Humi : 19°C/60%

 Tested by : Jack

 Pol/Phase : VERTICAL

 Test Mode : 802.11ac VHT80 CH42(5210MHz) Power rating: DC 3.85V

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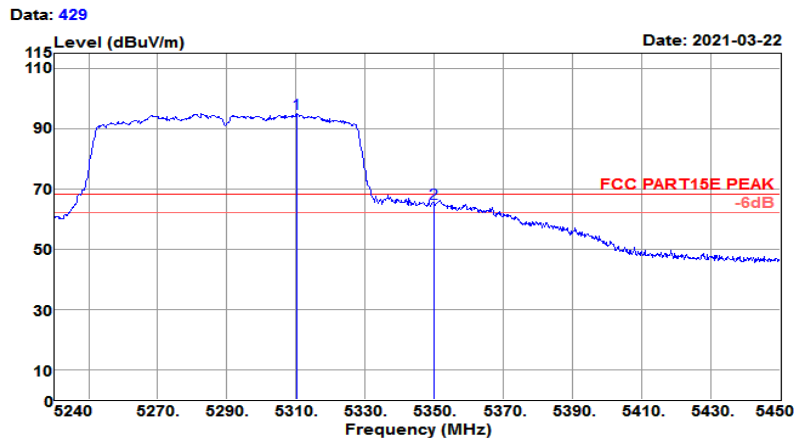


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	40.80	31.32	8.17	33.98	46.31	54.00	-7.69	Average
5216.160	82.23	31.37	8.31	34.01	87.90	54.00	33.90	Average



Test Mode :	802.11ac VHT80 CH58 5290MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.0GHz~5.26GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19°C /60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11ac VHT80 CH58(5290MHz)	Power rating:	DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5310.140	88.99	31.45	8.68	34.06	95.06	68.20	26.86	Peak
5350.000	58.90	31.48	8.84	34.08	65.14	68.20	-3.06	Peak



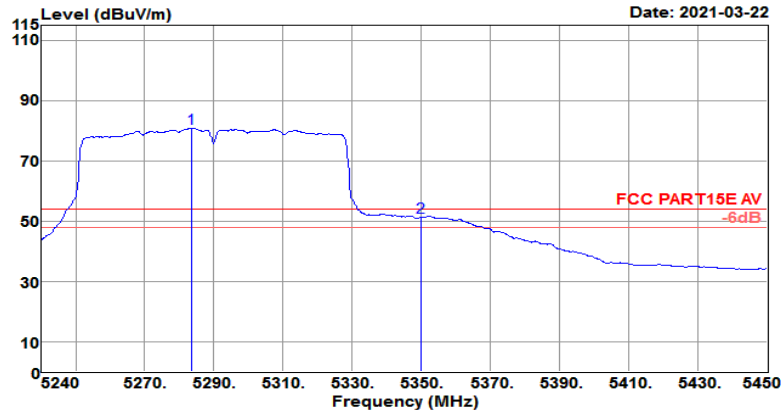
Test Mode :	802.11ac VHT80 CH58 5290MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range :	5.0GHz~5.26GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%

Tested by : Jack Pol/Phase : HORIZONTAL

Test Mode : 802.11ac VHT80 CH58(5290MHz) Power rating: DC 3.85V

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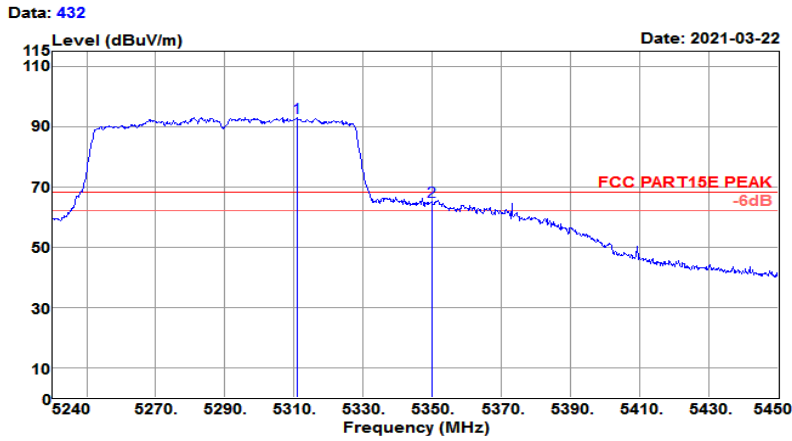


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5283.470	74.87	31.43	8.58	34.04	80.84	54.00	26.84	Average
5350.000	45.03	31.48	8.84	34.08	51.27	54.00	-2.73	Average



Test Mode :	802.11ac VHT80 CH58 5290MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.0GHz~5.26GHz	Polarization :	Vertical

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH58(5290MHz)
 Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5310.770	86.99	31.45	8.68	34.06	93.06	68.20	24.86	Peak
5350.000	58.78	31.48	8.84	34.08	65.02	68.20	-3.18	Peak



Test Mode :	802.11ac VHT80 CH58 5290MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.0GHz~5.26GHz	Polarization :	Vertical

Test Site : 3m Chamber

 Temp/Humi : 19°C/60%

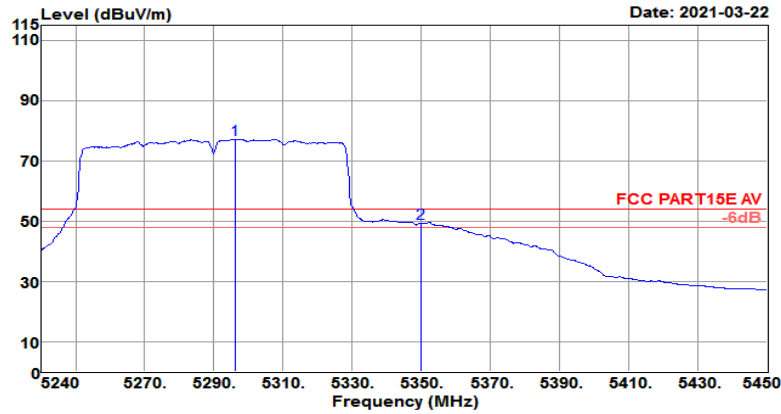
 Tested by : Jack

 Pol/Phase : VERTICAL

 Test Mode : 802.11ac VHT80 CH58(5290MHz)

 Power rating: DC 3.85V

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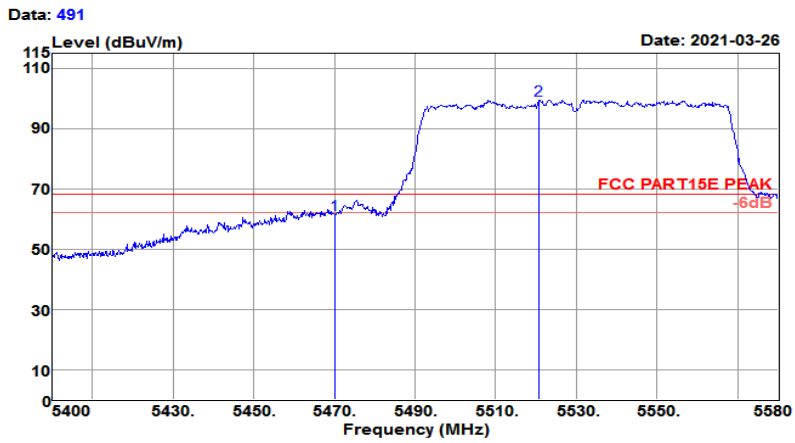


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5296.280	71.16	31.44	8.63	34.05	77.18	54.00	23.18	Average
5350.000	42.93	31.48	8.84	34.08	49.17	54.00	-4.83	Average



Test Mode :	802.11ac VHT80 CH106 5530MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.35GHz~5.59GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19°C / 60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11ac VHT80 CH106(5530MHz)	Power rating:	DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	55.26	31.58	8.86	34.14	61.56	68.20	-6.64	Peak
5520.780	93.18	31.63	8.73	34.16	99.38	68.20	31.18	Peak



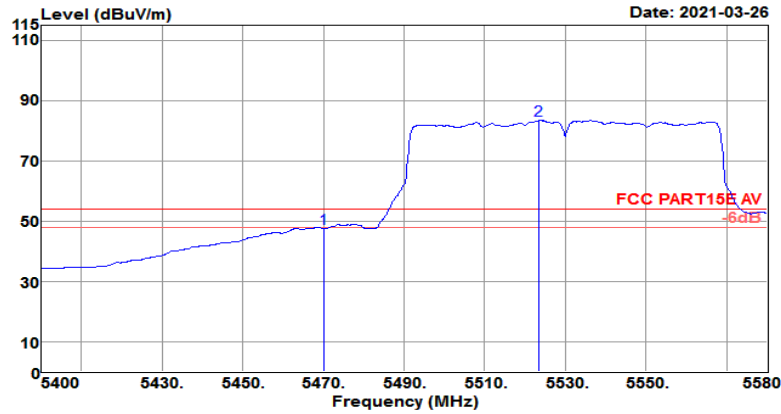
Test Mode :	802.11ac VHT80 CH106 5530MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.35GHz~5.59GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT80 CH106(5530MHz) Power rating: DC 3.85V

Data: 492

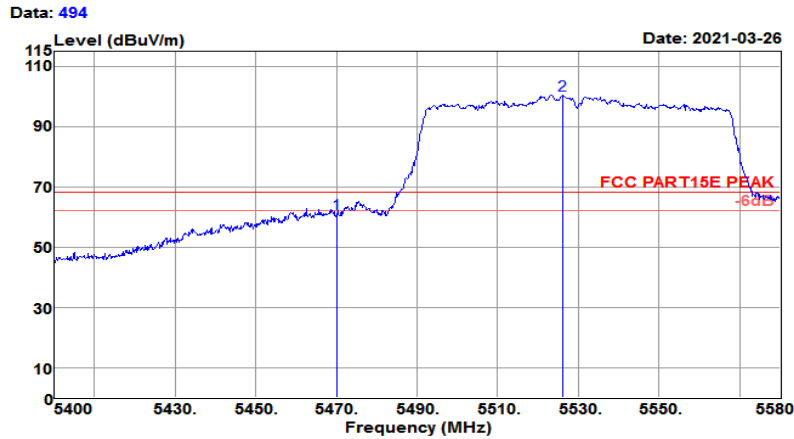


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	41.13	31.58	8.86	34.14	47.43	54.00	-6.57	Average
5523.480	77.18	31.64	8.73	34.16	83.39	54.00	29.39	Average



Test Mode :	802.11ac VHT80 CH106 5530MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.35GHz~5.59GHz	Polarization :	Vertical

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH106(5530MHz) Power rating: DC 3.85V



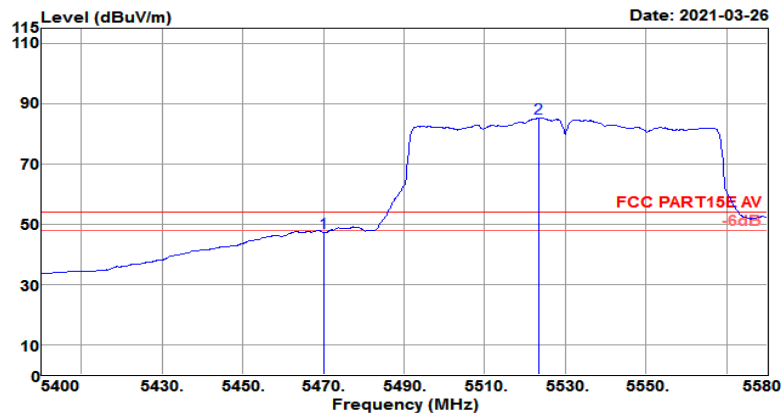
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	54.66	31.58	8.86	34.14	60.96	68.20	-7.24	Peak
5526.000	94.19	31.64	8.72	34.16	100.39	68.20	32.19	Peak



Test Mode :	802.11ac VHT80 CH106 5530MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.35GHz~5.59GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19°C/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH106(5530MHz) Power rating: DC 3.85V

Data: 495



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	40.95	31.58	8.86	34.14	47.25	54.00	-6.75	Average
5523.480	79.07	31.64	8.73	34.16	85.28	54.00	31.28	Average



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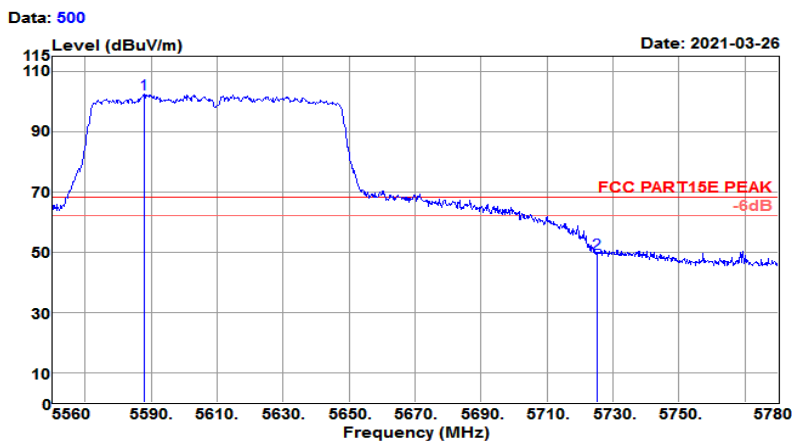
Test Report No.: RFW7L-P21040029-6

Test Mode :	802.11ac VHT80 CH122 5610MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.35GHz~5.765GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT80 CH122(5610MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5587.940	96.24	31.74	8.57	34.19	102.36	68.20	34.16	Peak
5725.000	44.17	31.96	7.80	34.26	49.67	68.20	-18.53	Peak



Test Mode :	802.11ac VHT80 CH122 5610MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.35GHz~5.765GHz	Polarization :	Horizontal

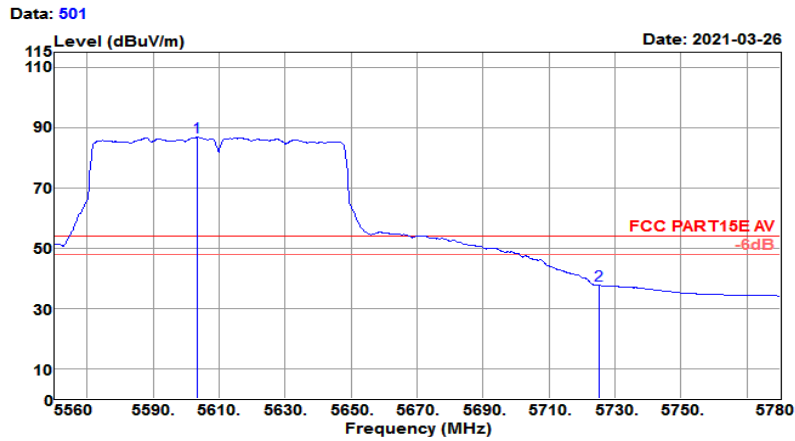
Test Site : 3m Chamber

 Temp/Humi : 19°C/60%

 Tested by : Jack

 Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT80 CH122(5610MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5603.340	80.75	31.77	8.52	34.20	86.84	54.00	32.84	Average
5725.000	32.10	31.96	7.80	34.26	37.60	54.00	-16.40	Average

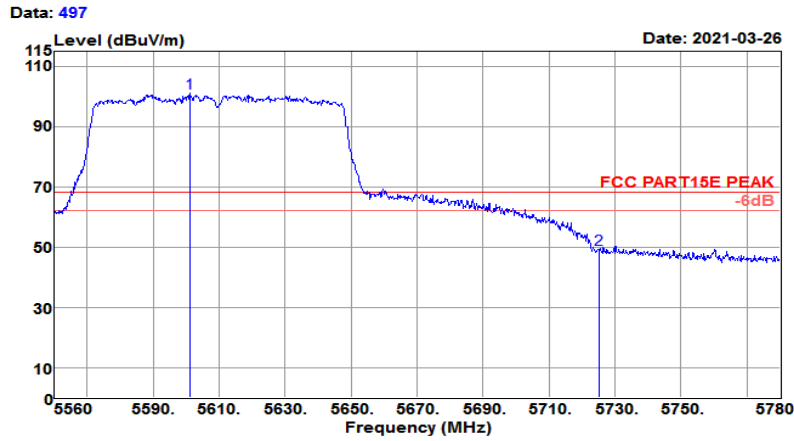


Test Mode :	802.11ac VHT80 CH122 5610MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.35GHz~5.765GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19°C/60%

 Tested by : Jack Pol/Phase : VERTICAL

 Test Mode : 802.11ac VHT80 CH122(5610MHz) Power rating: DC 3.85V



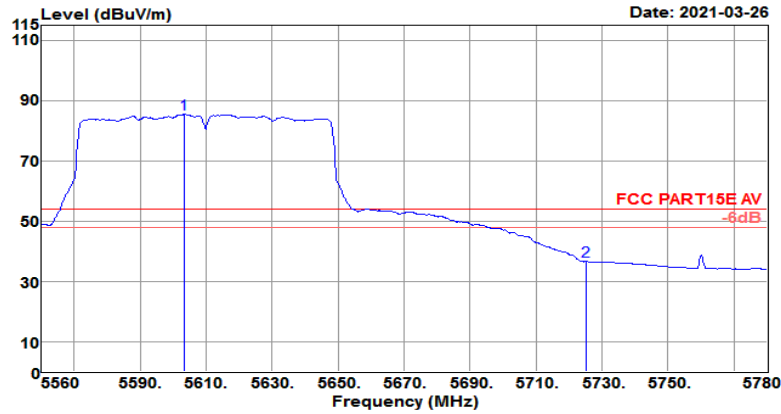
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5601.140	94.86	31.76	8.53	34.20	100.95	68.20	32.75	Peak
5725.000	43.66	31.96	7.80	34.26	49.16	68.20	-19.04	Peak



Test Mode :	802.11ac VHT80 CH122 5610MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.35GHz~5.765GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19°C/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH122(5610MHz) Power rating: DC 3.85V

Data: 498

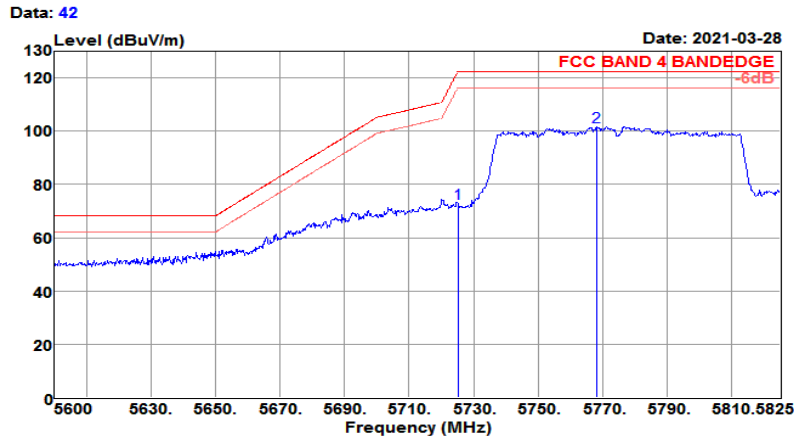


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5603.340	79.41	31.77	8.52	34.20	85.50	54.00	31.50	Average
5725.000	31.08	31.96	7.80	34.26	36.58	54.00	-17.42	Average



Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.6GHz~5.80GHz	Polarization :	Horizontal

Test Site : 3m Chamber
Temp/Humi : 19°C/60%
Tested by : Jack
Pol/Phase : HORIZONTAL
Test Mode : 802.11ac VHT80 CH155(5775MHz) Power rating: DC 3.85V

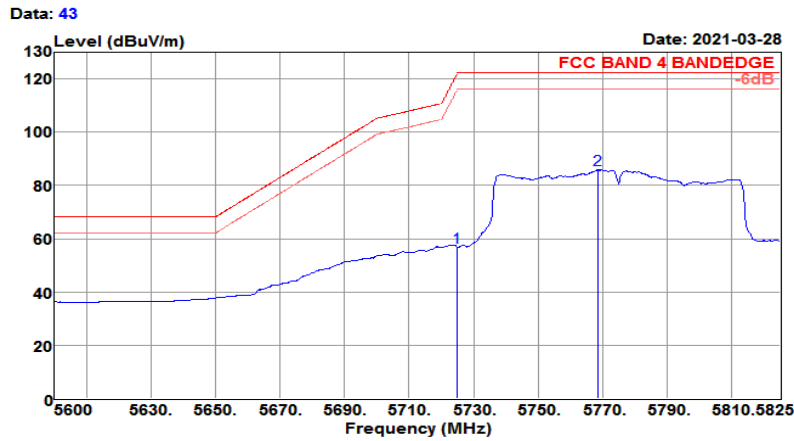


Freq MHz	Reading level dBUV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBUV/m	Limit level dBUV/m	Over limit dB	Remark
5725.100	67.19	31.96	7.80	34.26	72.69	122.20	-49.51	Peak
5768.300	96.42	32.03	7.54	34.28	101.71	122.20	-20.49	Peak



Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.6GHz~5.80GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH155(5775MHz) Power rating: DC 3.85V

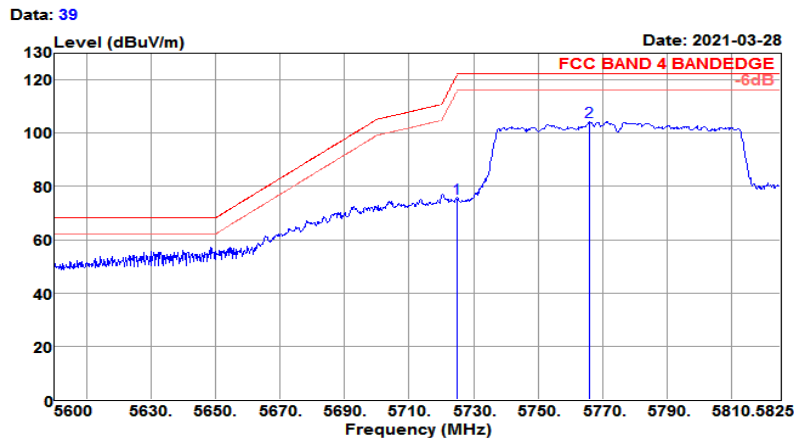


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	51.25	31.96	7.80	34.26	56.75	122.20	-65.45	Average
5768.525	80.53	32.03	7.54	34.28	85.82	122.20	-36.38	Average



Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.6GHz~5.80GHz	Polarization :	Vertical

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH155(5775MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBUV/m	Limit level dBUV/m	Over limit dB	Remark
5725.000	70.07	31.96	7.80	34.26	75.57	122.20	-46.63	Peak
5766.050	98.95	32.03	7.55	34.28	104.25	122.20	-17.95	Peak



Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.6GHz~5.80GHz	Polarization :	Vertical

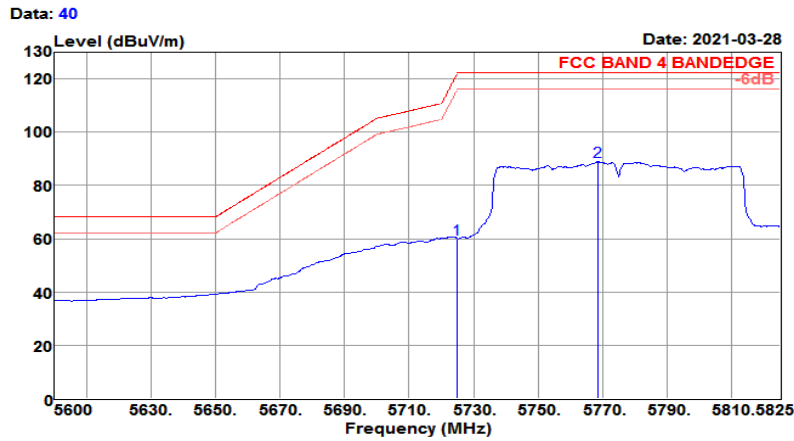
Test Site : 3m Chamber

 Temp/Humi : 19°C/60%

 Tested by : Jack

 Pol/Phase : VERTICAL

 Test Mode : 802.11ac VHT80 CH155(5775MHz) Power rating: DC 3.85V

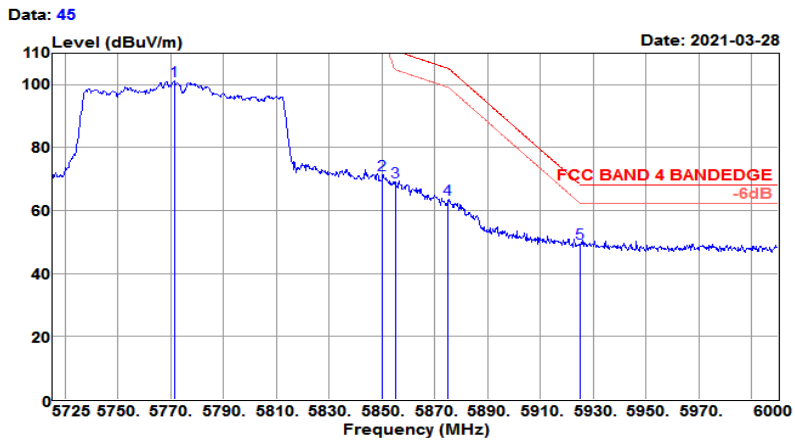


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	54.45	31.96	7.80	34.26	59.95	122.20	-62.25	Average
5768.525	83.58	32.03	7.54	34.28	88.87	122.20	-33.33	Average



Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.75GHz~5.95GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19°C/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11ac VHT80 CH155(5775MHz)	Power rating:	DC 3.85V

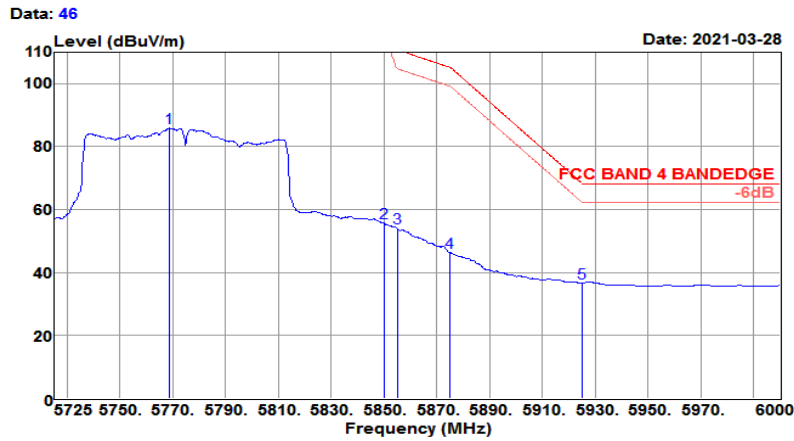


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5771.200	95.86	32.03	7.52	34.29	101.12	122.20	-21.08	Peak
5850.000	66.21	32.16	7.46	34.33	71.50	122.20	-50.70	Peak
5855.000	63.95	32.17	7.47	34.33	69.26	110.80	-41.54	Peak
5875.000	58.25	32.20	7.52	34.34	63.63	105.20	-41.57	Peak
5925.000	44.14	32.28	7.63	34.36	49.69	68.20	-18.51	Peak



Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.75GHz~5.95GHz	Polarization :	Horizontal

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH155(5775MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5768.450	80.57	32.03	7.54	34.28	85.86	122.20	-36.34	Average
5850.000	50.48	32.16	7.46	34.33	55.77	122.20	-66.43	Average
5855.000	48.94	32.17	7.47	34.33	54.25	110.80	-56.55	Average
5875.000	41.04	32.20	7.52	34.34	46.42	105.20	-58.78	Average
5925.000	31.23	32.28	7.63	34.36	36.78	68.20	-31.42	Average

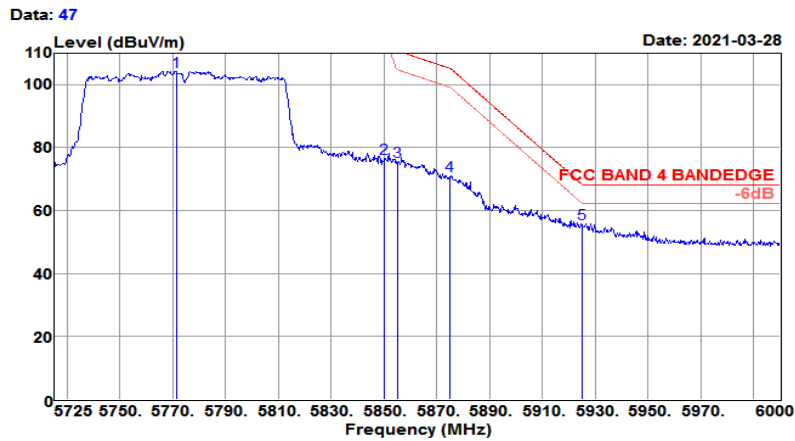


Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.75GHz~5.95GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%

 Tested by : Jack Pol/Phase : VERTICAL

 Test Mode : 802.11ac VHT80 CH155(5775MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5771.475	99.01	32.03	7.52	34.29	104.27	122.20	-17.93	Peak
5850.000	71.44	32.16	7.46	34.33	76.73	122.20	-45.47	Peak
5855.000	70.45	32.17	7.47	34.33	75.76	110.80	-35.04	Peak
5875.000	65.60	32.20	7.52	34.34	70.98	105.20	-34.22	Peak
5925.000	50.26	32.28	7.63	34.36	55.81	68.20	-12.39	Peak

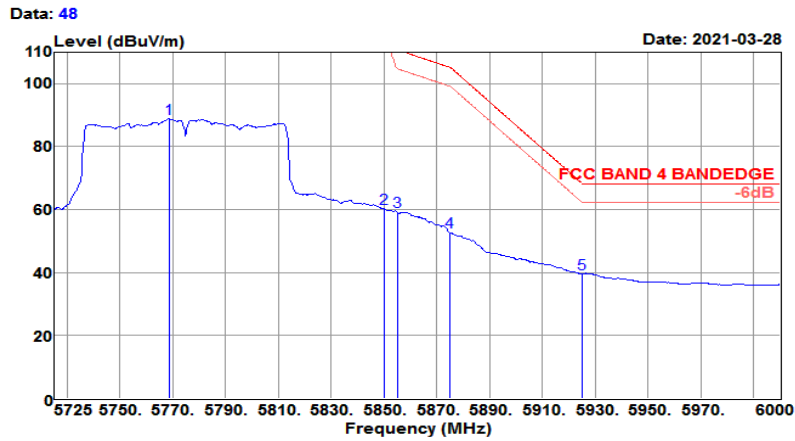


Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.75GHz~5.95GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19°C/60%

 Tested by : Jack Pol/Phase : VERTICAL

 Test Mode : 802.11ac VHT80 CH155(5775MHz) Power rating: DC 3.85V



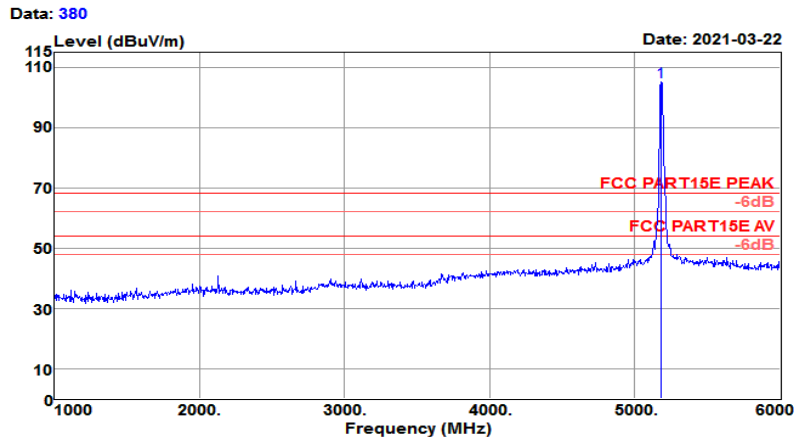
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5768.450	83.57	32.03	7.54	34.28	88.86	122.20	-33.34	Average
5850.000	55.05	32.16	7.46	34.33	60.34	122.20	-61.86	Average
5855.000	54.19	32.17	7.47	34.33	59.50	110.80	-51.30	Average
5875.000	47.43	32.20	7.52	34.34	52.81	105.20	-52.39	Average
5925.000	34.10	32.28	7.63	34.36	39.65	68.20	-28.55	Average



3.4.5 Test Result of Radiated Spurious Emission (1GHz ~ 10th Harmonic)

Test Mode :	802.11a CH36 5180MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH36 (5180MHz)	Power rating: DC 3.85V



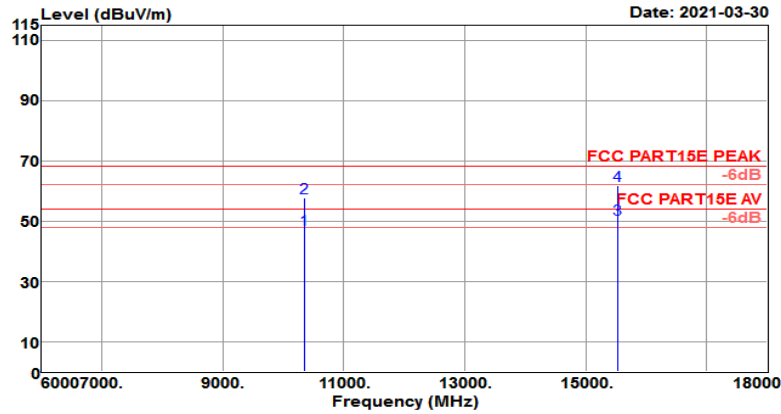
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5180.000	99.50	31.34	8.22	33.99	105.07	68.20	36.87	Peak



Test Mode :	802.11a CH36 5180MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH36 (5180MHz)	Power rating: DC 3.85V

Data: 532



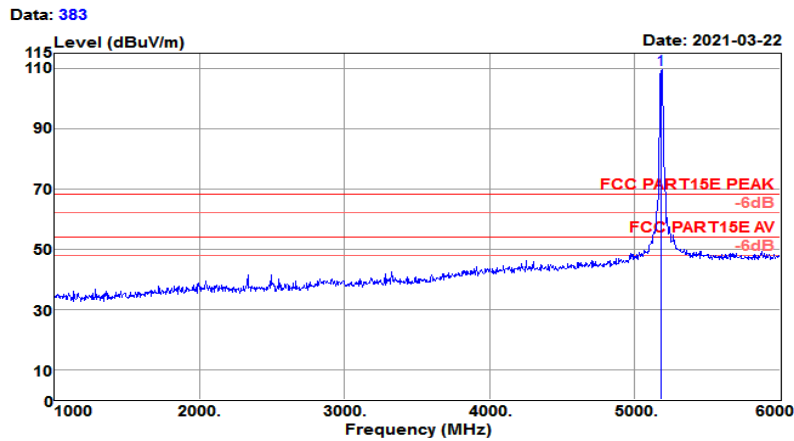
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10360.000	28.61	39.20	13.23	33.83	47.21	54.00	-6.79	Average
10360.000	39.25	39.20	13.23	33.83	57.85	68.20	-10.35	Peak
15540.000	22.92	38.43	20.83	31.52	50.66	54.00	-3.34	Average
15540.000	34.08	38.43	20.83	31.52	61.82	68.20	-6.38	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH36 5180MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19°C/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH36 (5180MHz)	Power rating:	DC 3.85V

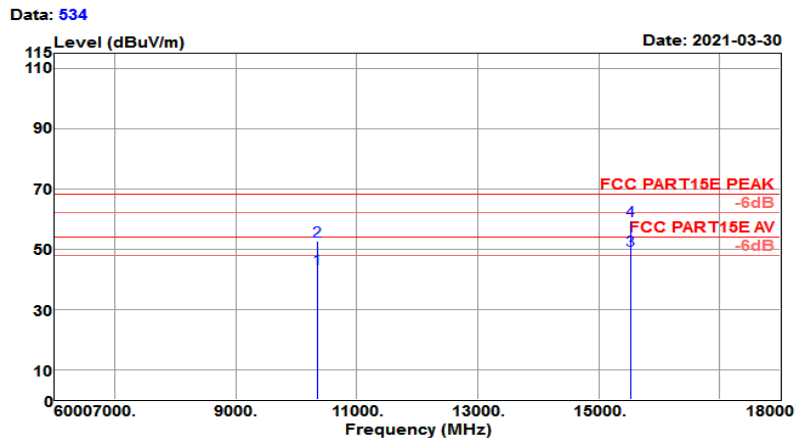


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5180.000	104.05	31.34	8.22	33.99	109.62	68.20	41.42	Peak



Test Mode :	802.11a CH36 5180MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH36 (5180MHz)	Power rating: DC 3.85V



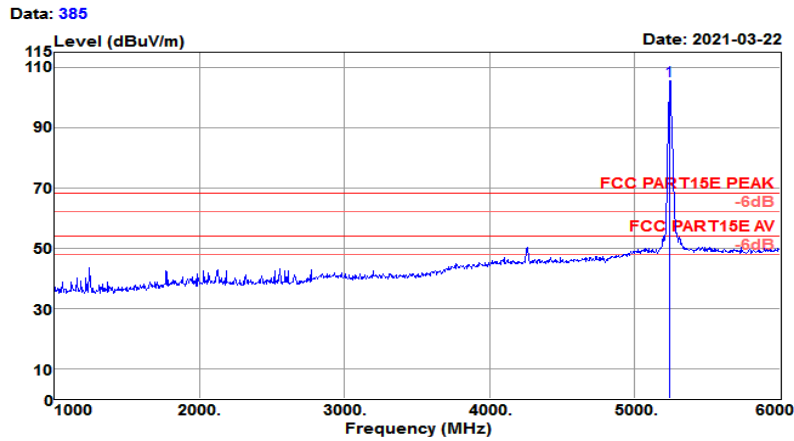
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10360.000	24.97	39.20	13.23	33.83	43.57	54.00	-10.43	Average
10360.000	33.84	39.20	13.23	33.83	52.44	68.20	-15.76	Peak
15540.000	21.97	38.43	20.83	31.52	49.71	54.00	-4.29	Average
15540.000	31.79	38.43	20.83	31.52	59.53	68.20	-8.67	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH48 5240MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19°C/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH48 (5240MHz)	Power rating	: DC 3.85V



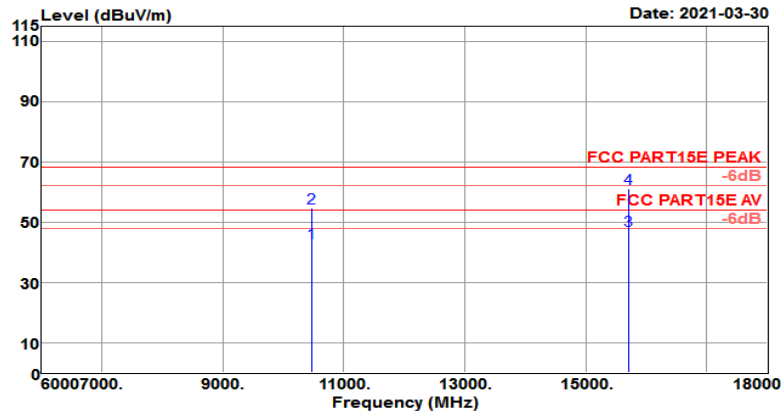
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5240.000	99.57	31.39	8.41	34.02	105.35	68.20	37.15	Peak



Test Mode :	802.11a CH48 5240MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH48 (5240MHz)	Power rating: DC 3.85V

Data: 538



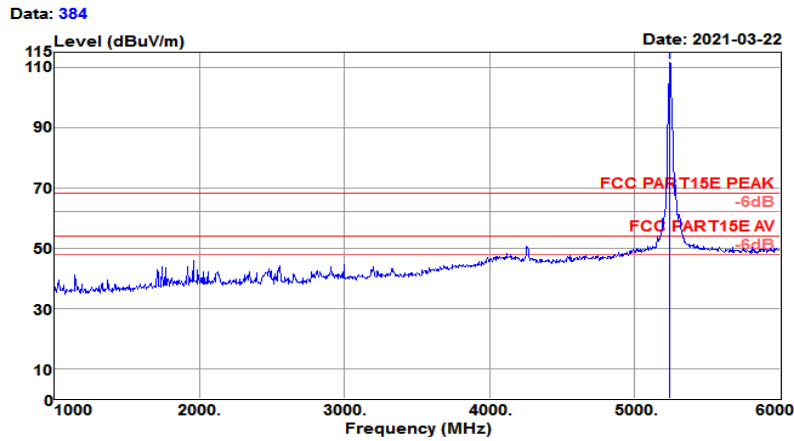
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10480.000	24.15	39.37	13.32	33.68	43.16	54.00	-10.84	Average
10480.000	35.63	39.37	13.32	33.68	54.64	68.20	-13.56	Peak
15720.000	20.39	38.10	20.24	31.40	47.33	54.00	-6.67	Average
15720.000	34.25	38.10	20.24	31.40	61.19	68.20	-7.01	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH48 5240MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH48 (5240MHz)	Power rating: DC 3.85W



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5240.000	105.93	31.39	8.41	34.02	111.71	68.20	43.51	Peak

Test Mode :	802.11a CH48 5240MHz	Temperature :	18~21°C
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Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber

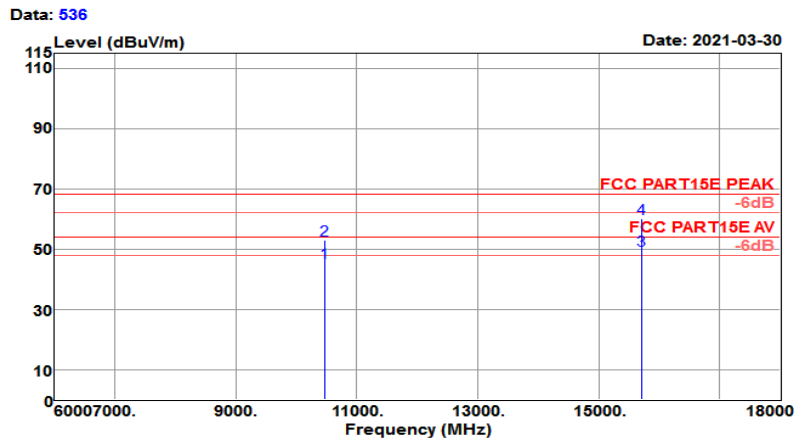
 Temp/Humi : 19°C/60%

 Tested by : Jack

 Pol/Phase : VERTICAL

 Test Mode : 802.11a CH48 (5240MHz)

 Power rating: DC 3.85V



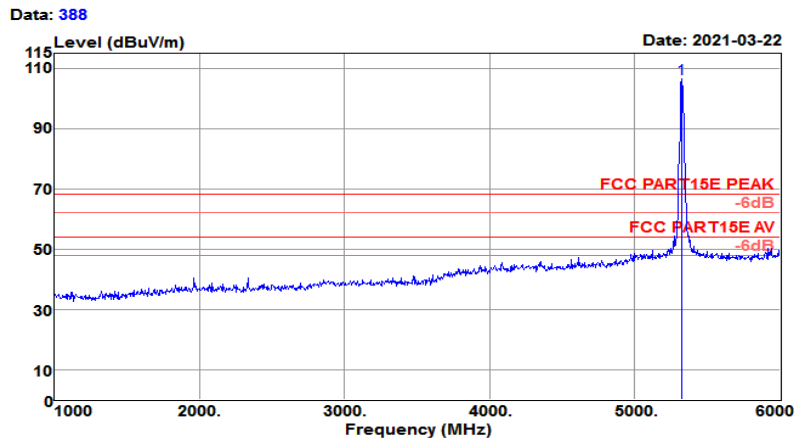
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10480.000	26.62	39.37	13.32	33.68	45.63	54.00	-8.37	Average
10480.000	33.99	39.37	13.32	33.68	53.00	68.20	-15.20	Peak
15720.000	22.49	38.10	20.24	31.40	49.43	54.00	-4.57	Average
15720.000	32.99	38.10	20.24	31.40	59.93	68.20	-8.27	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH64 5320MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19°C/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH64 (5320MHz)	Power rating:	DC 3.85V

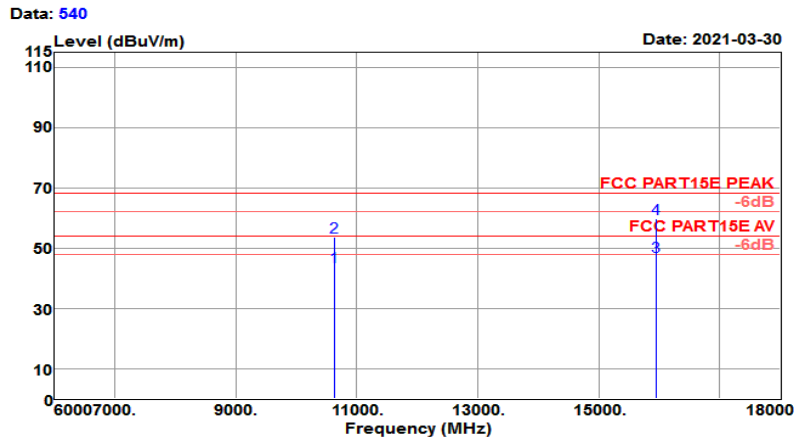


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5320.000	100.31	31.46	8.72	34.06	106.43	68.20	38.23	Peak



Test Mode :	802.11a CH64 5320MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH64 (5320MHz)	Power rating: DC 3.85V



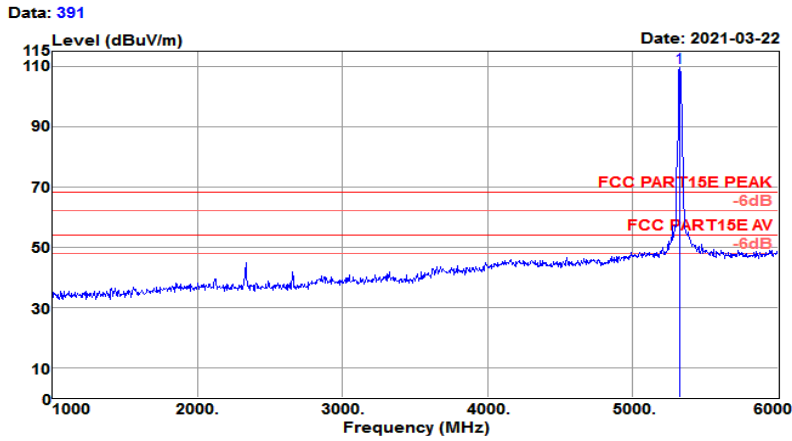
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10640.000	23.96	39.54	13.86	33.47	43.89	54.00	-10.11	Average
10640.000	33.78	39.54	13.86	33.47	53.71	68.20	-14.49	Peak
15960.000	21.16	37.67	19.46	31.23	47.06	54.00	-6.94	Average
15960.000	33.76	37.67	19.46	31.23	59.66	68.20	-8.54	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit



Test Mode :	802.11a CH64 5320MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19°C/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH64 (5320MHz)	Power rating:	DC 3.85V

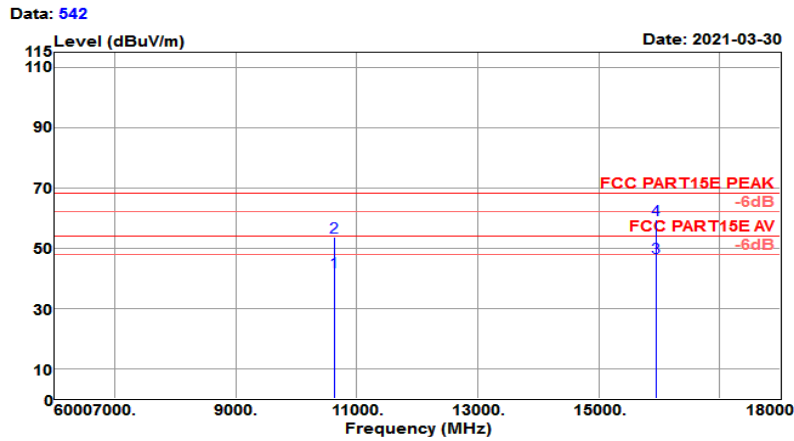


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5320.000	103.37	31.46	8.72	34.06	109.49	68.20	41.29	Peak



Test Mode :	802.11a CH64 5320MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH64 (5320MHz)	Power rating: DC 3.85V



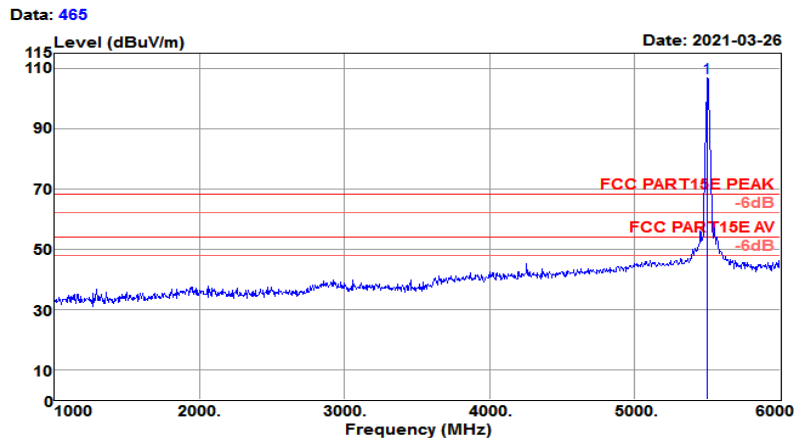
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10640.000	22.17	39.54	13.86	33.47	42.10	54.00	-11.90	Average
10640.000	33.63	39.54	13.86	33.47	53.56	68.20	-14.64	Peak
15960.000	20.97	37.67	19.46	31.23	46.87	54.00	-7.13	Average
15960.000	33.58	37.67	19.46	31.23	59.48	68.20	-8.72	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH100 5500MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH100 (5500MHz)
 Power rating: DC 3.85V

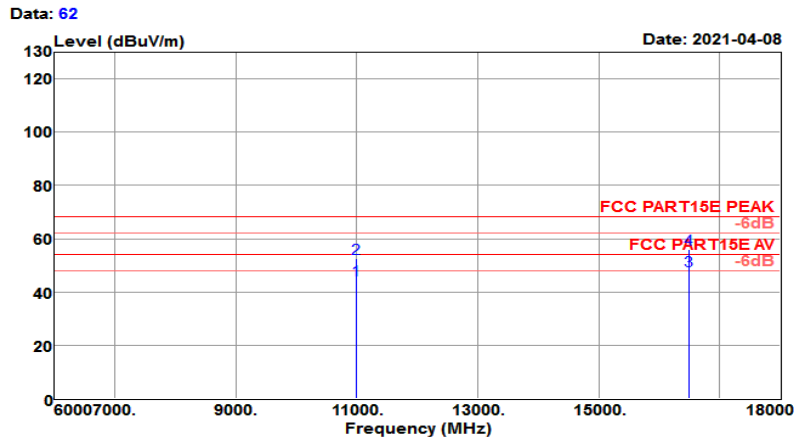


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5500.000	100.68	31.60	8.78	34.15	106.91	68.20	38.71	Peak



Test Mode :	802.11a CH100 5500MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH100 (5500MHz)	Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11000.000	24.44	39.90	12.68	32.54	44.48	54.00	-9.52	Average
11000.000	32.62	39.90	12.68	32.54	52.66	68.20	-15.54	Peak
16500.000	24.16	38.60	15.61	30.53	47.84	54.00	-6.16	Average
16500.000	32.45	38.60	15.61	30.53	56.13	68.20	-12.07	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



**BUREAU
VERITAS**

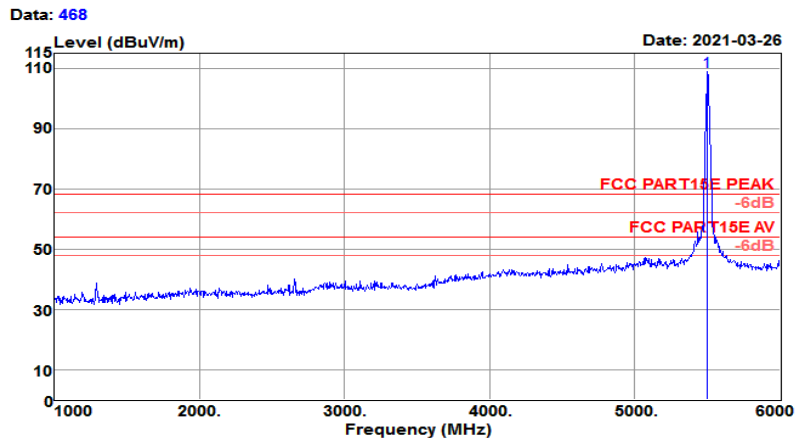
Test Report No.: RFW7L-P21040029-6

Test Mode :	802.11a CH100 5500MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%

 Tested by : Jack Pol/Phase : VERTICAL

 Test Mode : 802.11n HT20 CH100 (5500MHz) Power rating: DC 3.85V

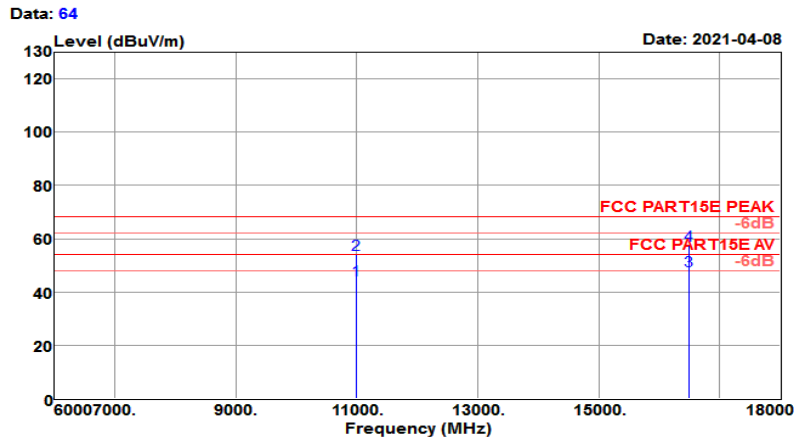


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5500.000	102.65	31.60	8.78	34.15	108.88	68.20	40.68	Peak



Test Mode :	802.11a CH100 5500MHZ	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH100 (5500MHz)	Power rating: DC 3.85V



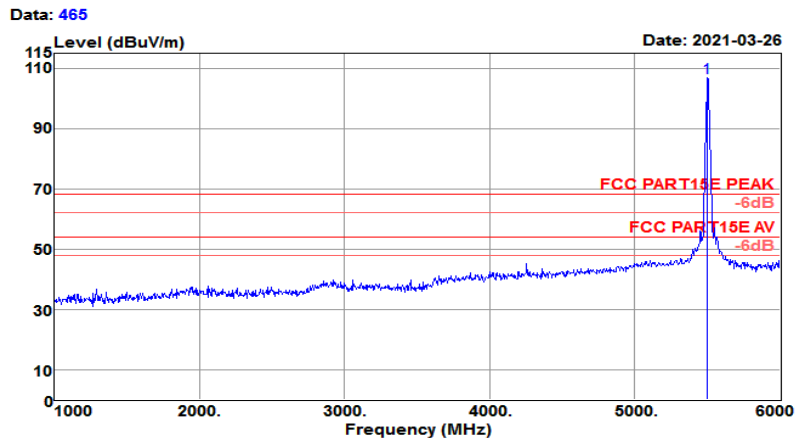
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11000.000	24.46	39.90	12.68	32.54	44.50	54.00	-9.50	Average
11000.000	34.07	39.90	12.68	32.54	54.11	68.20	-14.09	Peak
16500.000	24.14	38.60	15.61	30.53	47.82	54.00	-6.18	Average
16500.000	33.86	38.60	15.61	30.53	57.54	68.20	-10.66	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH116 5580MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH100 (5500MHz)
 Power rating: DC 3.85V

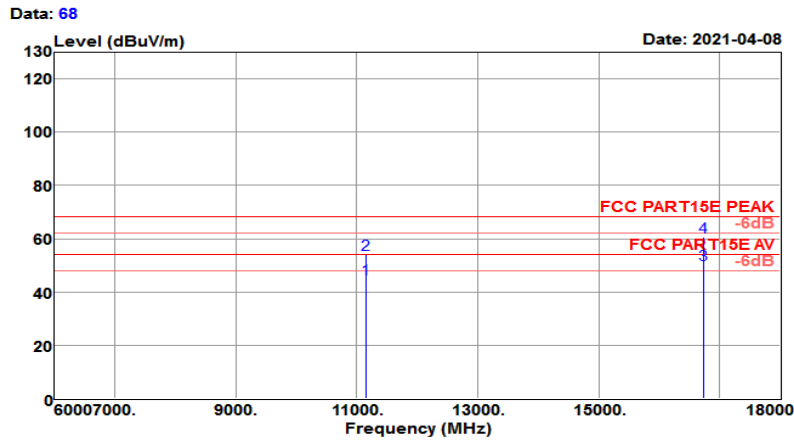


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5500.000	100.68	31.60	8.78	34.15	106.91	68.20	38.71	Peak



Test Mode :	802.11a CH116 5580MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH116 (5580MHz)	Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11160.000	24.84	39.84	12.90	32.67	44.91	54.00	-9.09	Average
11160.000	33.95	39.84	12.90	32.67	54.02	68.20	-14.18	Peak
16740.000	23.91	39.32	17.34	30.31	50.26	54.00	-3.74	Average
16740.000	34.13	39.32	17.34	30.31	60.48	68.20	-7.72	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

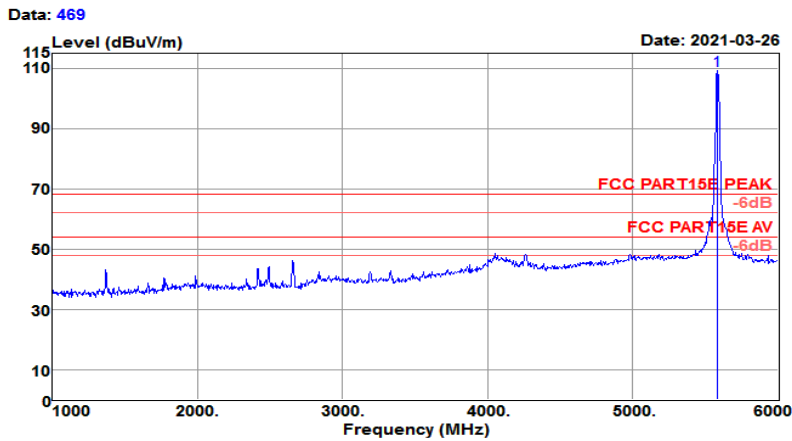


BUREAU VERITAS

Test Report No.: RFW7L-P21040029-6

Test Mode :	802.11a CH116 5580MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11n HT20 CH116 (5580MHz)	Power rating: DC 3.85V

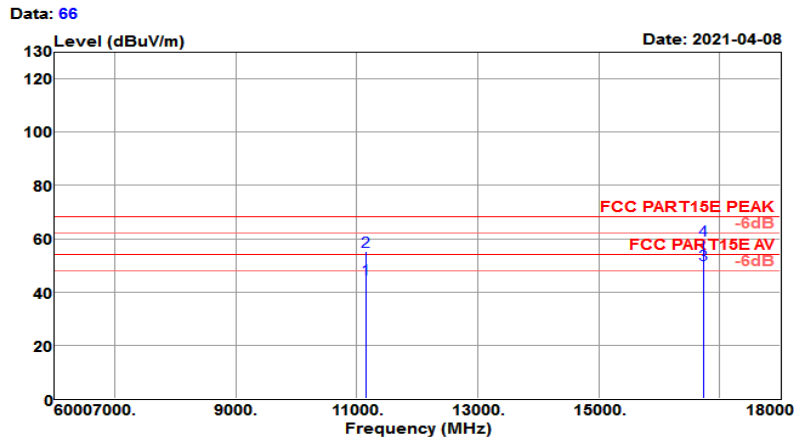


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5580.000	102.95	31.73	8.59	34.19	109.08	68.20	40.88	Peak



Test Mode :	802.11a CH116 5580MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH116 (5580MHz)	Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11160.000	24.65	39.84	12.90	32.67	44.72	54.00	-9.28	Average
11160.000	35.04	39.84	12.90	32.67	55.11	68.20	-13.09	Peak
16740.000	23.83	39.32	17.34	30.31	50.18	54.00	-3.82	Average
16740.000	33.09	39.32	17.34	30.31	59.44	68.20	-8.76	Peak

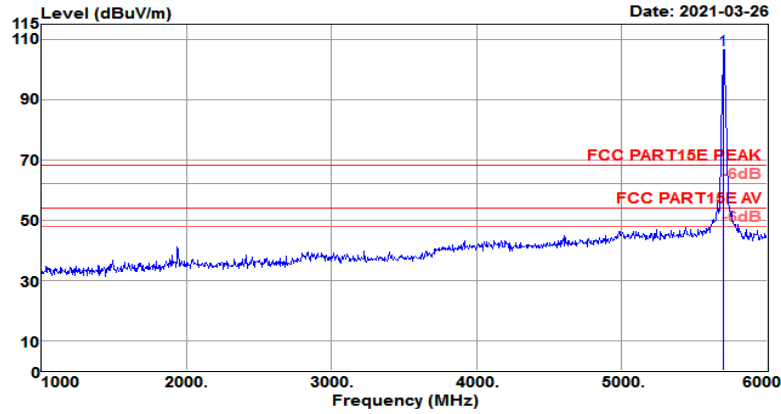
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH140 5700MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C / 60%
Tested by : Jack Pol/Phase : HORIZONTAL
Test Mode : 802.11n HT20 CH140 (5700MHz) Power rating: DC 3.85V

Data: 473

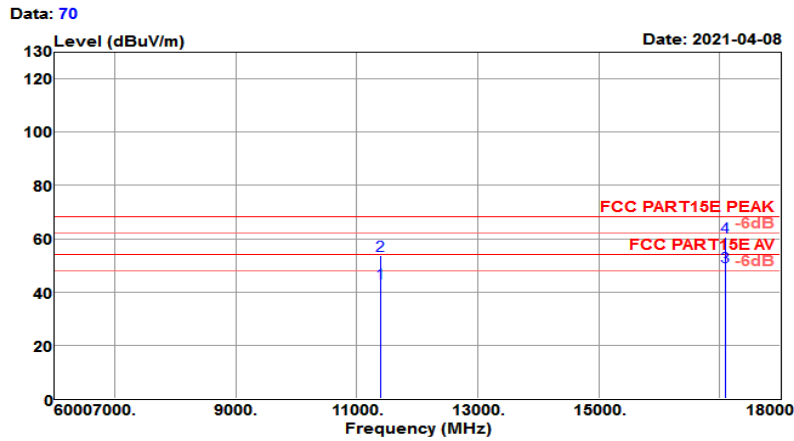


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5700.000	100.91	31.92	7.94	34.25	106.52	68.20	38.32	Peak



Test Mode :	802.11a CH140 5700MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH140 (5700MHz)	Power rating: DC 3.85V



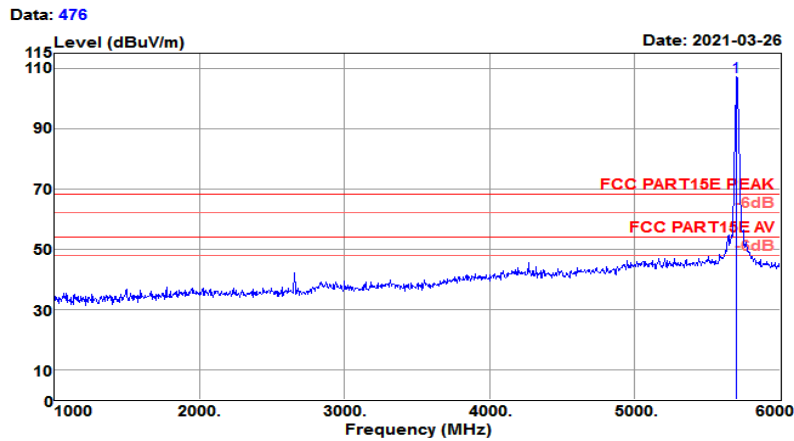
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11400.000	23.29	39.74	13.22	32.85	43.40	54.00	-10.60	Average
11400.000	33.58	39.74	13.22	32.85	53.69	68.20	-14.51	Peak
17100.000	20.42	40.44	18.59	30.08	49.37	54.00	-4.63	Average
17100.000	31.61	40.44	18.59	30.08	60.56	68.20	-7.64	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH140 5700MHZ	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber
Temp/Humi : 19°C/60%
Tested by : Jack
Pol/Phase : VERTICAL
Test Mode : 802.11n HT20 CH140 (5700MHz)
Power rating: DC 3.85V

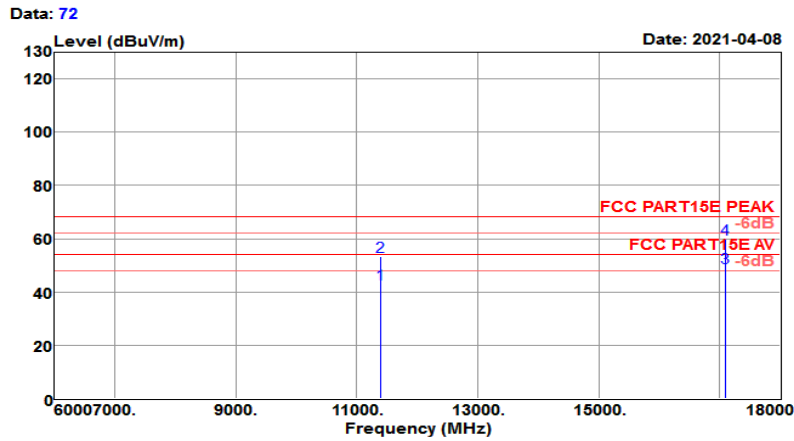


Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5700.000	101.56	31.92	7.94	34.25	107.17	68.20	38.97	Peak



Test Mode :	802.11a CH140 5700MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH140 (5700MHz)	Power rating: DC 3.85V



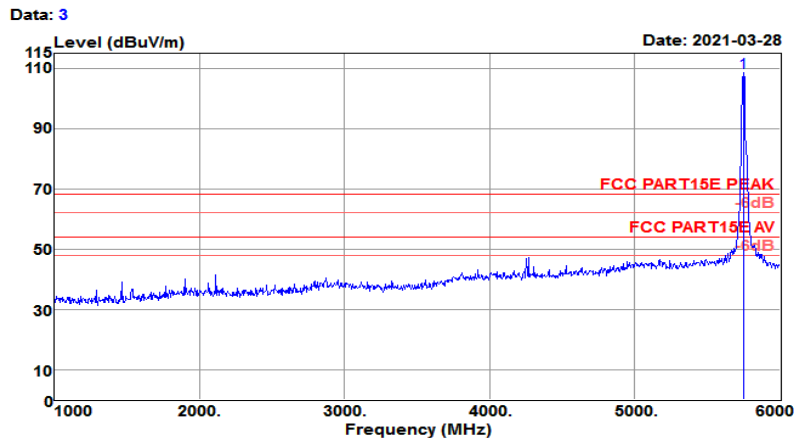
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11400.000	22.82	39.74	13.22	32.85	42.93	54.00	-11.07	Average
11400.000	33.20	39.74	13.22	32.85	53.31	68.20	-14.89	Peak
17100.000	20.14	40.44	18.59	30.08	49.09	54.00	-4.91	Average
17100.000	31.06	40.44	18.59	30.08	60.01	68.20	-8.19	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH149 5745MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19°C/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH149 (5745MHz)	Power rating:	DC 3.85V

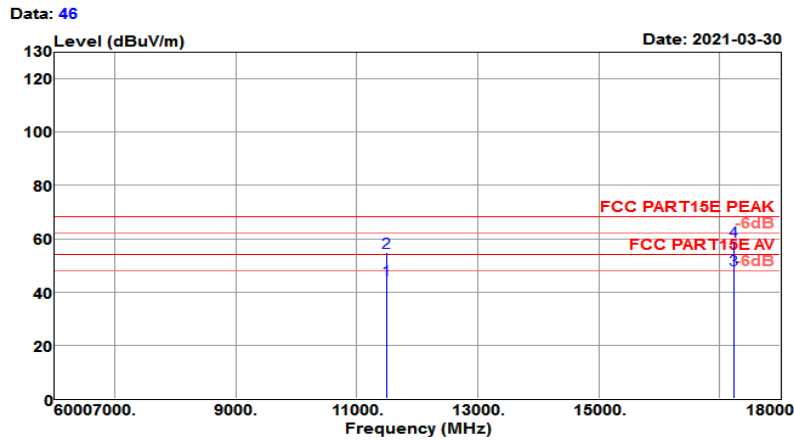


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5745.000	103.26	31.99	7.68	34.27	108.66	68.20	40.46	Peak



Test Mode :	802.11a CH149 5745MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH149 (5745MHz)	Power rating: DC 3.85V



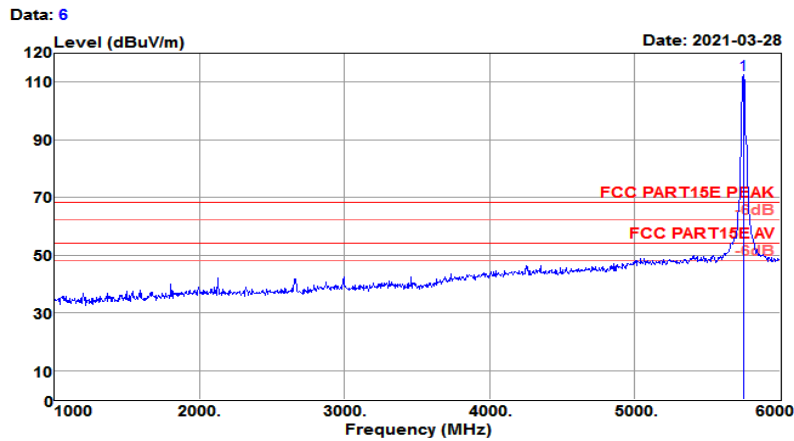
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11490.000	24.21	39.70	13.35	32.91	44.35	54.00	-9.65	Average
11490.000	34.82	39.70	13.35	32.91	54.96	68.20	-13.24	Peak
17235.000	19.73	40.90	17.74	30.08	48.29	54.00	-5.71	Average
17235.000	30.47	40.90	17.74	30.08	59.03	68.20	-9.17	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH149 5745MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19°C/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH149 (5745MHz)	Power rating:	DC 3.85V

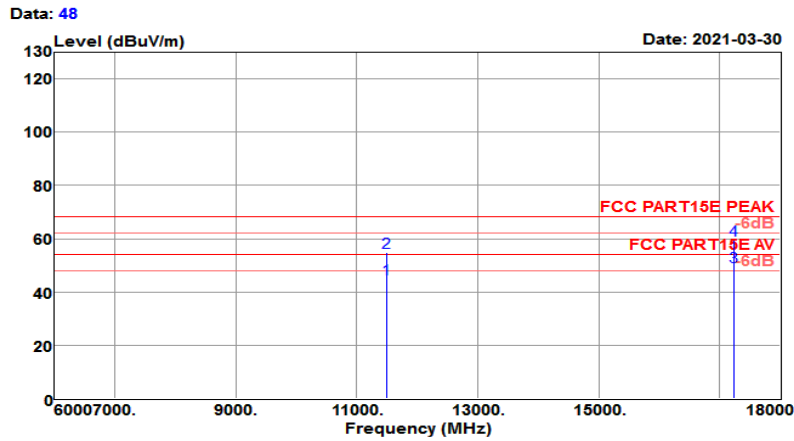


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5745.000	107.09	31.99	7.68	34.27	112.49	68.20	44.29	Peak



Test Mode :	802.11a CH149 5745MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH149 (5745MHz)	Power rating: DC 3.85V



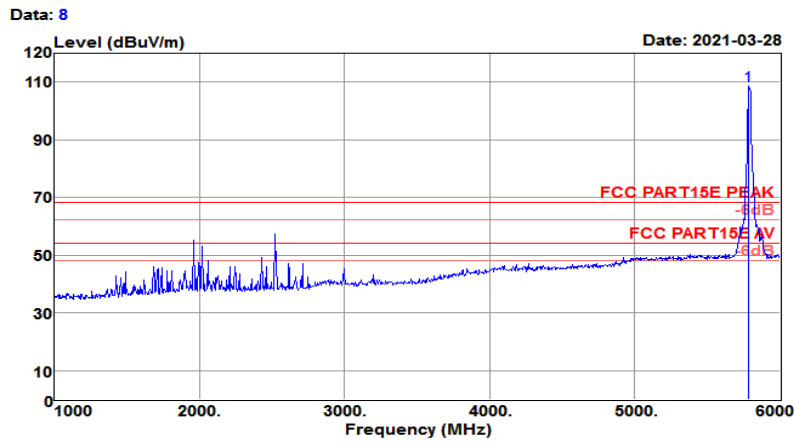
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11490.000	24.75	39.70	13.35	32.91	44.89	54.00	-9.11	Average
11490.000	34.81	39.70	13.35	32.91	54.95	68.20	-13.25	Peak
17235.000	20.82	40.90	17.74	30.08	49.38	54.00	-4.62	Average
17235.000	30.72	40.90	17.74	30.08	59.28	68.20	-8.92	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH157 5785MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19°C/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH157 (5785MHz)	Power rating:	DC 3.85V

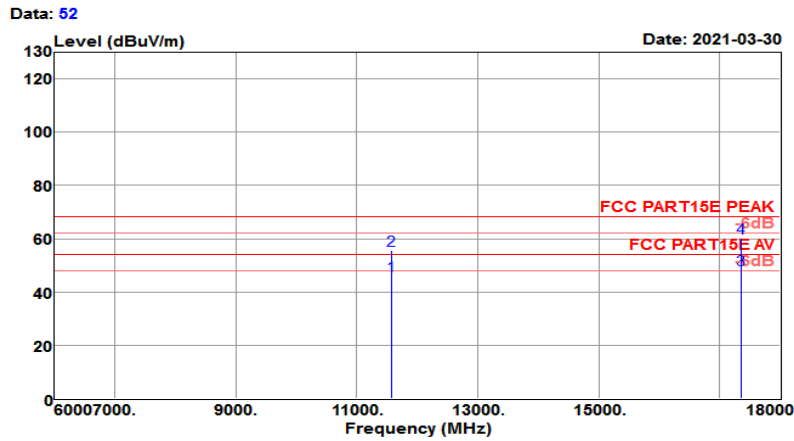


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5785.000	103.38	32.06	7.44	34.29	108.59	68.20	40.39	Peak



Test Mode :	802.11a CH157 5785MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH157 (5785MHz)	Power rating: DC 3.85V



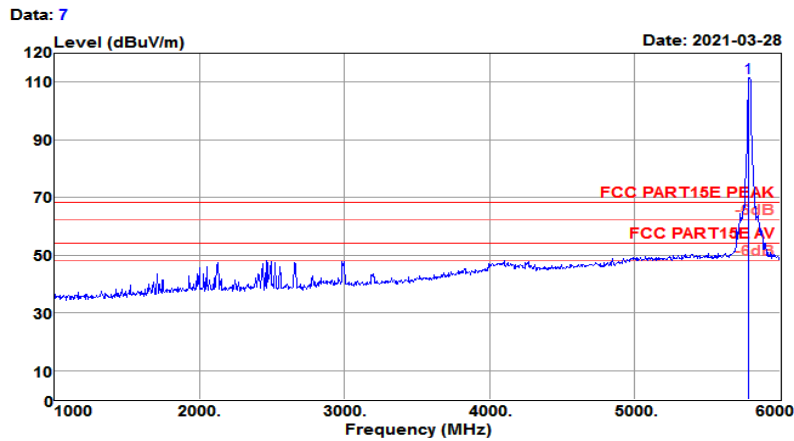
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11570.000	25.87	39.56	13.55	32.98	46.00	54.00	-8.00	Average
11570.000	35.42	39.56	13.55	32.98	55.55	68.20	-12.65	Peak
17355.000	20.17	41.31	16.99	30.08	48.39	54.00	-5.61	Average
17355.000	31.83	41.31	16.99	30.08	60.05	68.20	-8.15	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH157 5785MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19°C/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH157 (5785MHz)	Power rating:	DC 3.85V

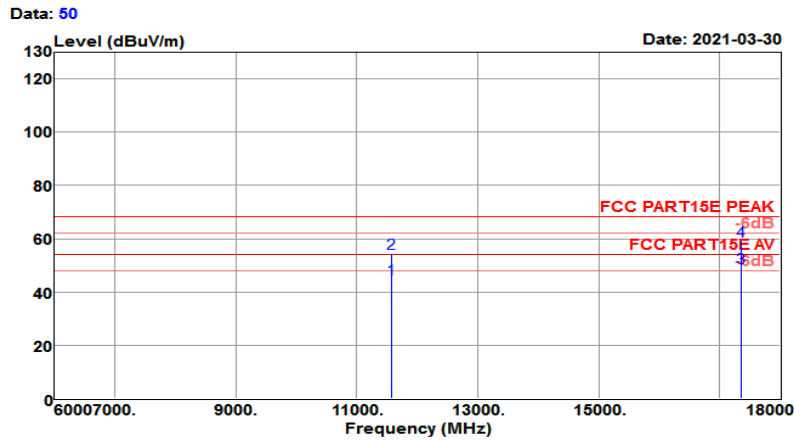


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5785.000	106.33	32.06	7.44	34.29	111.54	68.20	43.34	Peak



Test Mode :	802.11a CH157 5785MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH157 (5785MHz)	Power rating: DC 3.85V



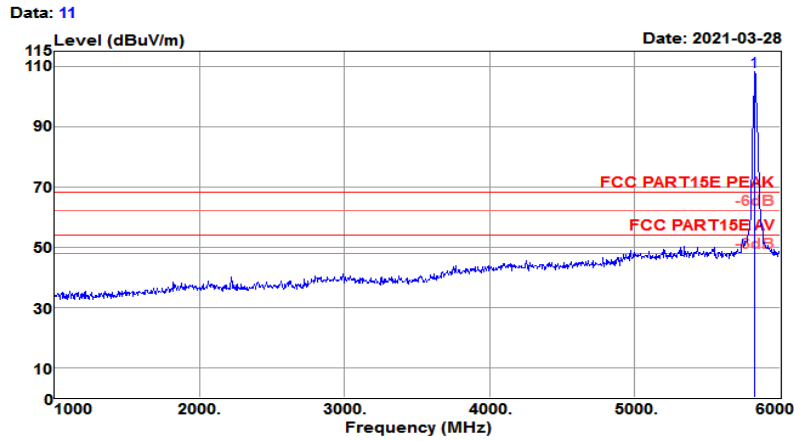
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11570.000	24.81	39.56	13.55	32.98	44.94	54.00	-9.06	Average
11570.000	34.28	39.56	13.55	32.98	54.41	68.20	-13.79	Peak
17355.000	20.82	41.31	16.99	30.08	49.04	54.00	-4.96	Average
17355.000	30.82	41.31	16.99	30.08	59.04	68.20	-9.16	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH165 5825MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19°C/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH165 (5825MHz)	Power rating:	DC 3.85V

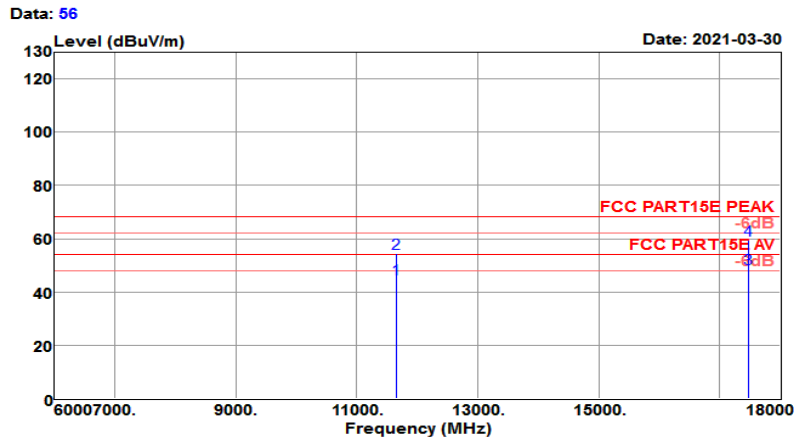


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5825.000	102.88	32.12	7.41	34.31	108.10	68.20	39.90	Peak



Test Mode :	802.11a CH165 5825MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH165 (5825MHz)	Power rating: DC 3.85V



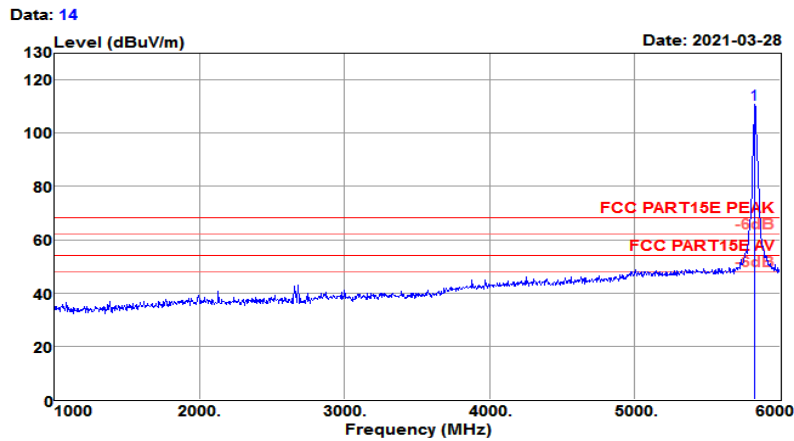
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11650.000	24.57	39.40	13.76	33.04	44.69	54.00	-9.31	Average
11650.000	34.23	39.40	13.76	33.04	54.35	68.20	-13.85	Peak
17475.000	20.86	41.72	16.25	30.08	48.75	54.00	-5.25	Average
17475.000	31.61	41.72	16.25	30.08	59.50	68.20	-8.70	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH165 5825MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19°C/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH165 (5825MHz)	Power rating:	DC 3.85V

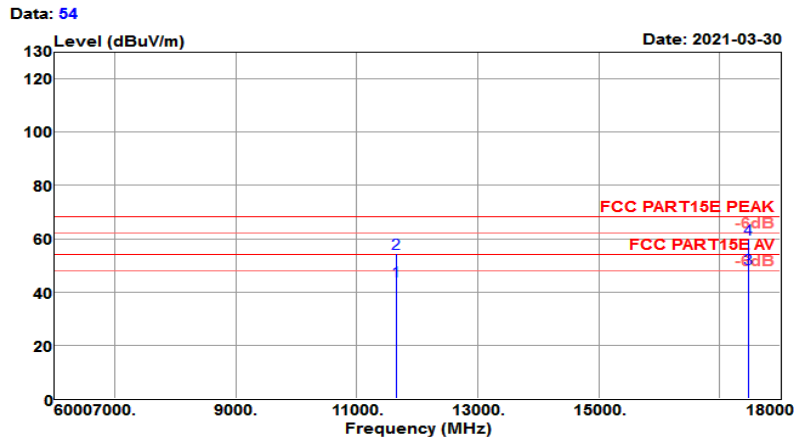


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5825.000	105.63	32.12	7.41	34.31	110.85	68.20	42.65	Peak



Test Mode :	802.11a CH165 5825MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH165 (5825MHz)	Power rating: DC 3.85V



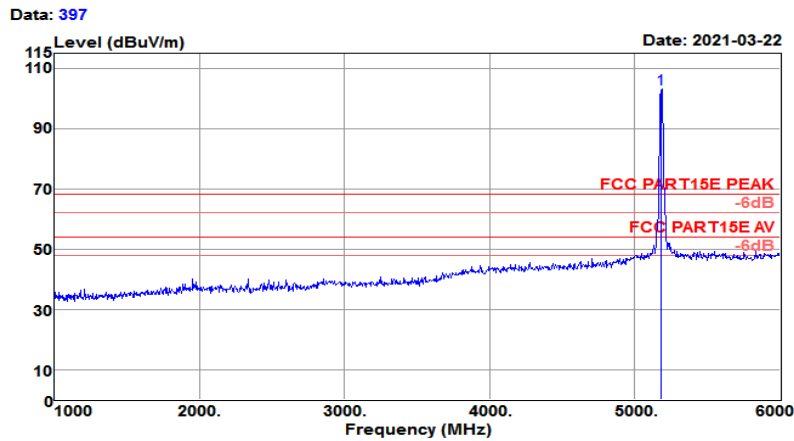
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11650.000	23.87	39.40	13.76	33.04	43.99	54.00	-10.01	Average
11650.000	34.28	39.40	13.76	33.04	54.40	68.20	-13.80	Peak
17475.000	20.71	41.72	16.25	30.08	48.60	54.00	-5.40	Average
17475.000	31.82	41.72	16.25	30.08	59.71	68.20	-8.49	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11n HT20 CH36 5180MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH36 (5180MHz)
 Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5180.000	97.43	31.34	8.22	33.99	103.00	68.20	34.80	Peak



Test Mode :	802.11 n HT20 CH36 5180MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber

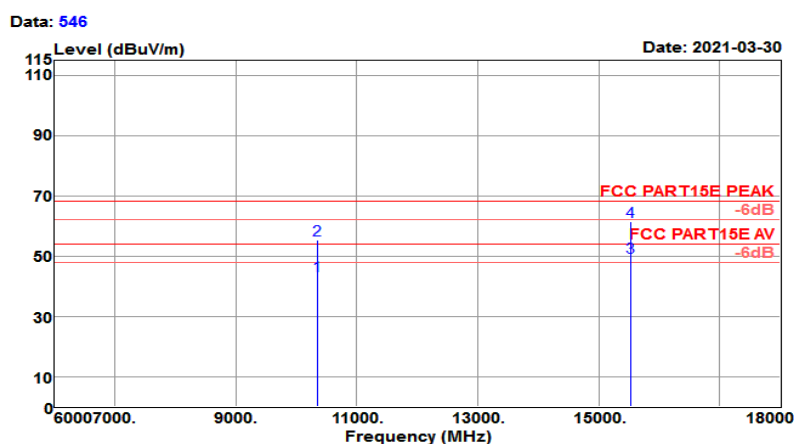
 Temp/Humi : 19°C/60%

 Tested by : Jack

 Pol/Phase : HORIZONTAL

 Test Mode : 802.11n HT20 CH36 (5180MHz)

 Power rating: DC 3.85V



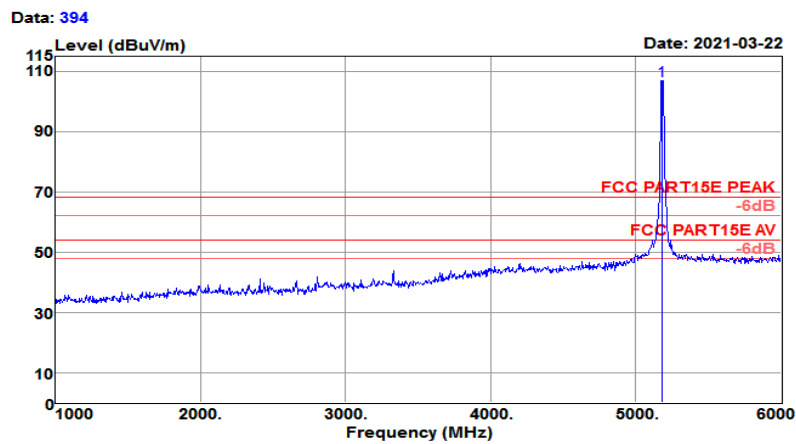
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10360.000	24.92	39.20	13.23	33.83	43.52	54.00	-10.48	Average
10360.000	36.81	39.20	13.23	33.83	55.41	68.20	-12.79	Peak
15540.000	21.97	38.43	20.83	31.52	49.71	54.00	-4.29	Average
15540.000	33.64	38.43	20.83	31.52	61.38	68.20	-6.82	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH36 5180MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19°C / 60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20 CH36 (5180MHz)	Power rating:	DC 3.85V

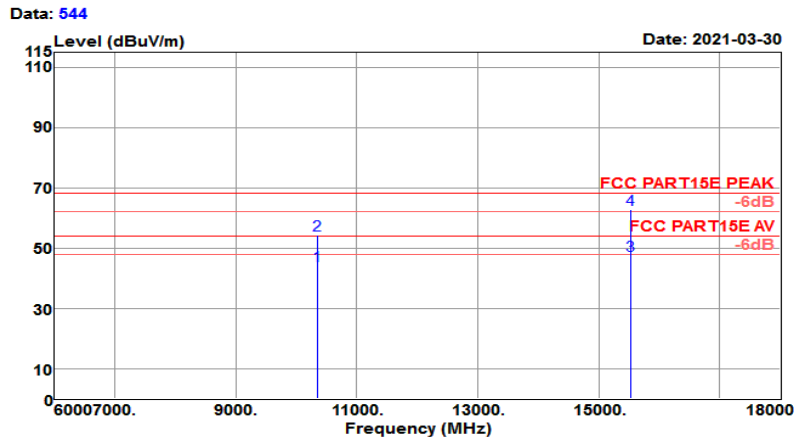


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5180.000	101.22	31.34	8.22	33.99	106.79	68.20	38.59	Peak



Test Mode :	802.11 n HT20 CH36 5180MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH36 (5180MHz)
 Power rating: DC 3.85W



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10360.000	25.65	39.20	13.23	33.83	44.25	54.00	-9.75	Average
10360.000	35.73	39.20	13.23	33.83	54.33	68.20	-13.87	Peak
15540.000	19.80	38.43	20.83	31.52	47.54	54.00	-6.46	Average
15540.000	35.18	38.43	20.83	31.52	62.92	68.20	-5.28	Peak

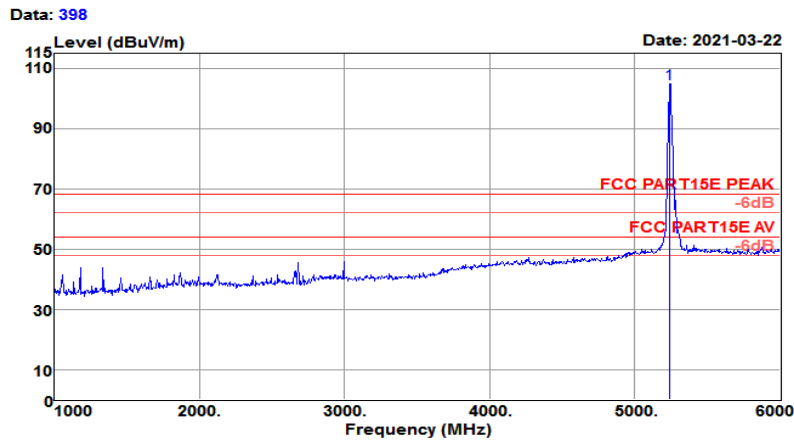
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at



least 20dB below the specification limit.

Test Mode :	802.11 n HT20 CH48 5240MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19°C/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20 CH48 (5240MHz)	Power rating:	DC 3.85V

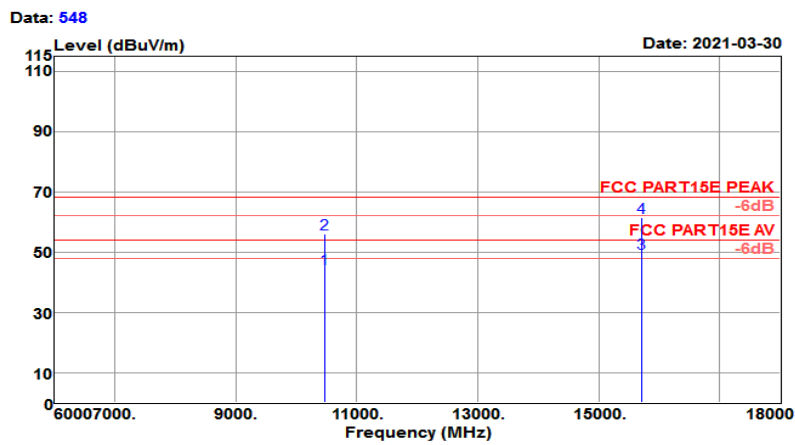


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5240.000	98.92	31.39	8.41	34.02	104.70	68.20	36.50	Peak



Test Mode :	802.11 n HT20 CH48 5240MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 19℃/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11n HT20 CH48 (5240MHz)	Power rating: DC 3.85V



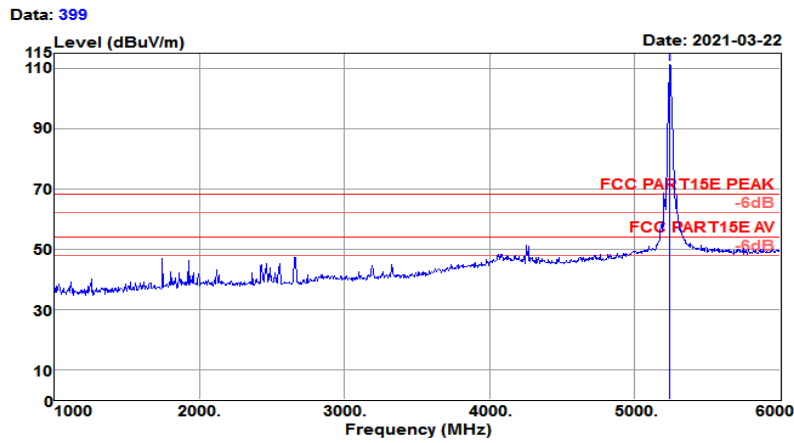
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10480.000	25.39	39.37	13.32	33.68	44.40	54.00	-9.60	Average
10480.000	37.14	39.37	13.32	33.68	56.15	68.20	-12.05	Peak
15720.000	22.55	38.10	20.24	31.40	49.49	54.00	-4.51	Average
15720.000	34.55	38.10	20.24	31.40	61.49	68.20	-6.71	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH48 5240MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19°C/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20 CH48 (5240MHz)	Power rating:	DC 3.85V

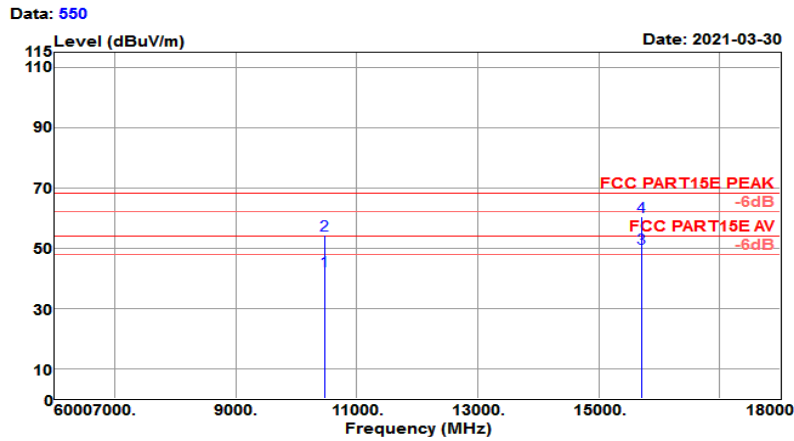


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5240.000	105.37	31.39	8.41	34.02	111.15	68.20	42.95	Peak



Test Mode :	802.11 n HT20 CH48 5240MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11n HT20 CH48 (5240MHz)	Power rating: DC 3.85V



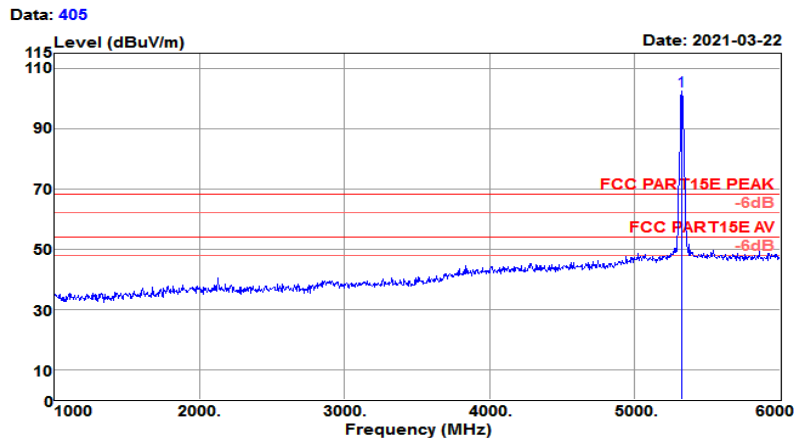
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10480.000	23.42	39.37	13.32	33.68	42.43	54.00	-11.57	Average
10480.000	35.19	39.37	13.32	33.68	54.20	68.20	-14.00	Peak
15720.000	22.88	38.10	20.24	31.40	49.82	54.00	-4.18	Average
15720.000	33.49	38.10	20.24	31.40	60.43	68.20	-7.77	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH64 5320MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH64 (5320MHz)
 Power rating: DC 3.85V

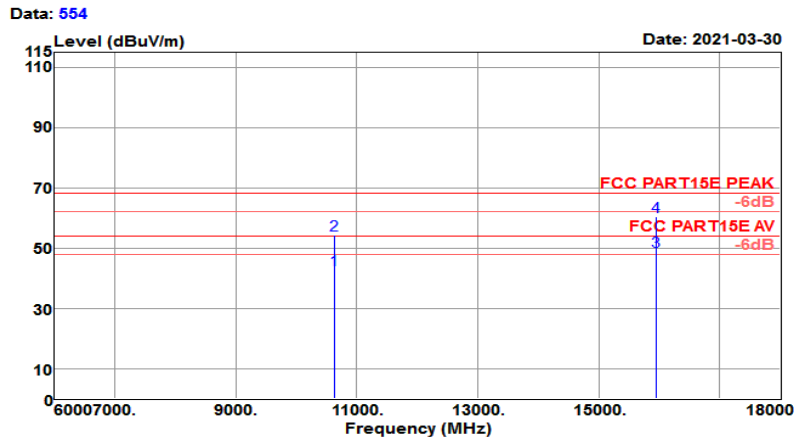


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5320.000	96.46	31.46	8.72	34.06	102.58	68.20	34.38	Peak



Test Mode :	802.11 n HT20 CH64 5320MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH64 (5320MHz)
 Power rating: DC 3.85V



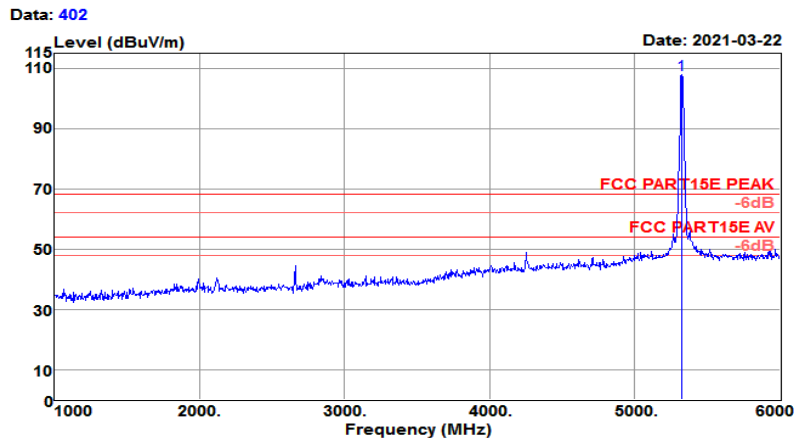
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10640.000	22.93	39.54	13.86	33.47	42.86	54.00	-11.14	Average
10640.000	34.22	39.54	13.86	33.47	54.15	68.20	-14.05	Peak
15960.000	23.12	37.67	19.46	31.23	49.02	54.00	-4.98	Average
15960.000	34.35	37.67	19.46	31.23	60.25	68.20	-7.95	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH64 5320MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH64 (5320MHz)
 Power rating: DC 3.85V



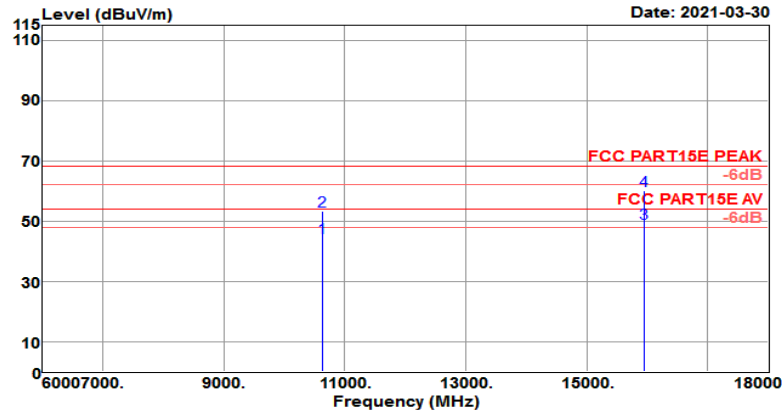
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5320.000	101.71	31.46	8.72	34.06	107.83	68.20	39.63	Peak



Test Mode :	802.11 n HT20 CH64 5320MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH64 (5320MHz)
 Power rating: DC 3.85V

Data: 552



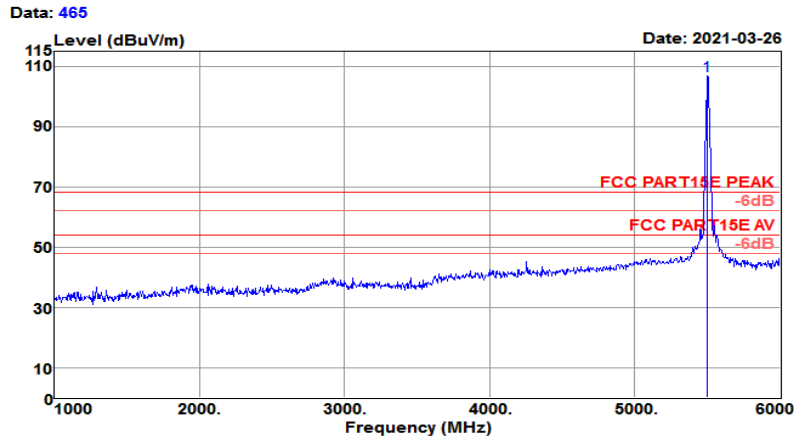
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10640.000	24.52	39.54	13.86	33.47	44.45	54.00	-9.55	Average
10640.000	33.23	39.54	13.86	33.47	53.16	68.20	-15.04	Peak
15960.000	23.19	37.67	19.46	31.23	49.09	54.00	-4.91	Average
15960.000	34.28	37.67	19.46	31.23	60.18	68.20	-8.02	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH100 5500MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber
 Temp/Humi : 19℃/60%
 Tested by : Jack
 Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH100 (5500MHz)
 Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5500.000	100.68	31.60	8.78	34.15	106.91	68.20	38.71	Peak

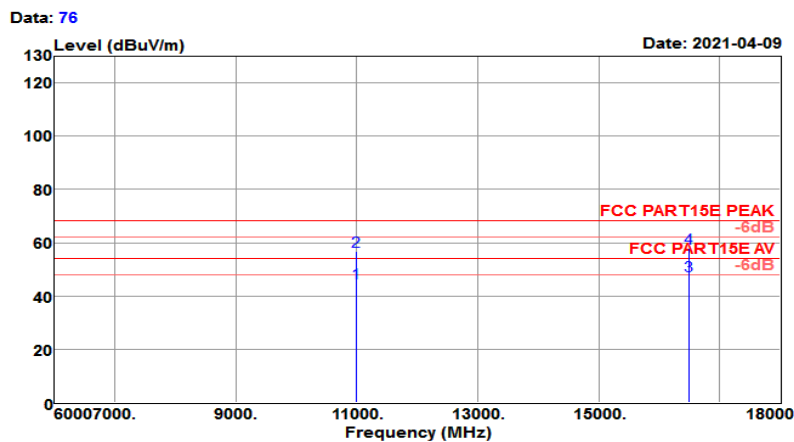


Test Mode :	802.11 n HT20 CH100 5500MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%

 Tested by : Jack
 Pol/Phase : HORIZONTAL

 Test Mode : 802.11n HT20 CH100 (5500MHz)
 Power rating: DC 3.85V



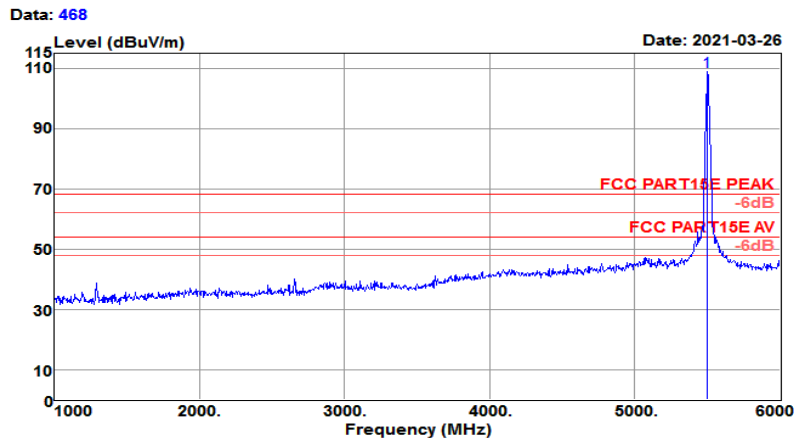
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11000.000	24.87	39.90	12.68	32.54	44.91	54.00	-9.09	Average
11000.000	36.57	39.90	12.68	32.54	56.61	68.20	-11.59	Peak
16500.000	23.91	38.60	15.61	30.53	47.59	54.00	-6.41	Average
16500.000	34.19	38.60	15.61	30.53	57.87	68.20	-10.33	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH100 5500MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber
Temp/Humi : 19°C/60%
Tested by : Jack
Pol/Phase : VERTICAL
Test Mode : 802.11n HT20 CH100 (5500MHz)
Power rating: DC 3.85V



Freq MHz	Reading level dBUV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBUV/m	Limit level dBUV/m	Over limit dB	Remark
5500.000	102.65	31.60	8.78	34.15	108.88	68.20	40.68	Peak

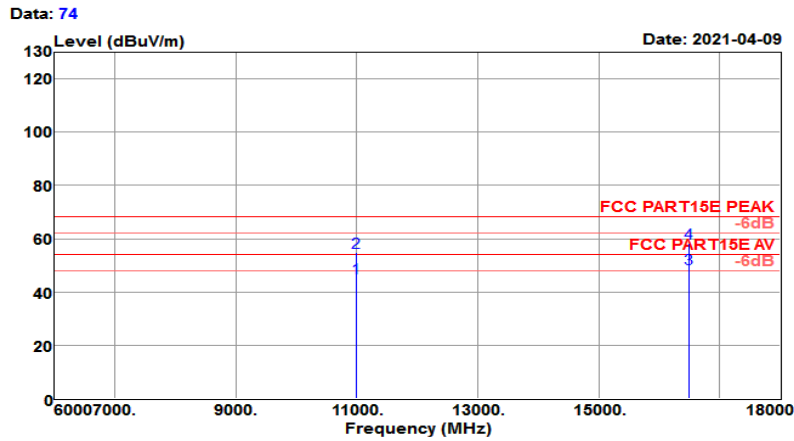


Test Mode :	802.11 n HT20 CH100 5500MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19°C/60%

 Tested by : Jack Pol/Phase : VERTICAL

 Test Mode : 802.11n HT20 CH100 (5500MHz) Power rating: DC 3.85V



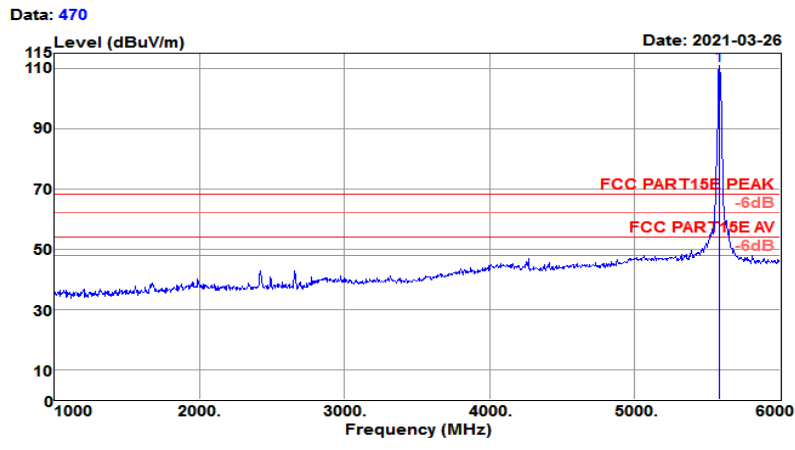
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11000.000	25.16	39.90	12.68	32.54	45.20	54.00	-8.80	Average
11000.000	34.68	39.90	12.68	32.54	54.72	68.20	-13.48	Peak
16500.000	25.02	38.60	15.61	30.53	48.70	54.00	-5.30	Average
16500.000	34.47	38.60	15.61	30.53	58.15	68.20	-10.05	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH116 5580MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH116 (5580MHz) Power rating: DC 3.85V

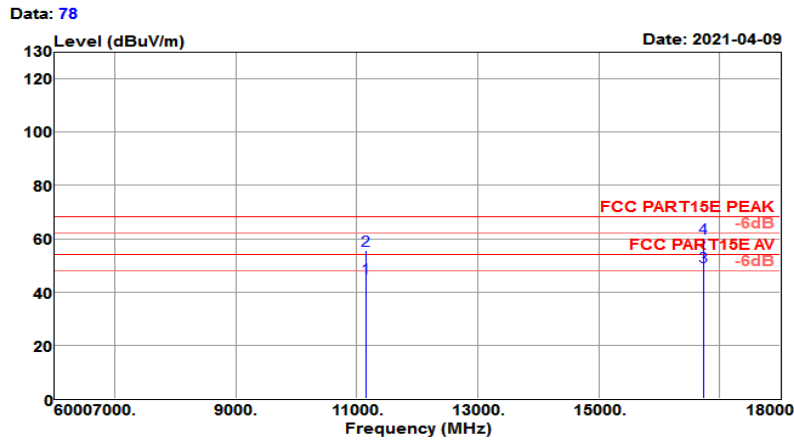


Freq	Reading	Antenna	Cable	Preamp	level	Limit	Over	Remark
MHz	dBuV	factor	loss	factor	level	level	limit	
		dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5580.000	104.65	31.73	8.59	34.19	110.78	68.20	42.58	Peak



Test Mode :	802.11 n HT20 CH116 5580MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH116 (5580MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11160.000	25.12	39.84	12.90	32.67	45.19	54.00	-8.81	Average
11160.000	35.38	39.84	12.90	32.67	55.45	68.20	-12.75	Peak
16740.000	23.12	39.32	17.34	30.31	49.47	54.00	-4.53	Average
16740.000	33.99	39.32	17.34	30.31	60.34	68.20	-7.86	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

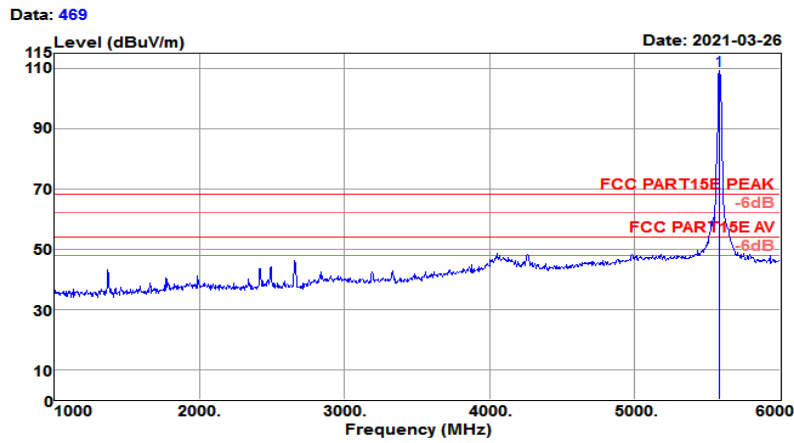


BUREAU
VERITAS

Test Report No.: RFW7L-P21040029-6

Test Mode :	802.11 n HT20 CH116 5580MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19°C / 60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20 CH116 (5580MHz)	Power rating:	DC 3.85V

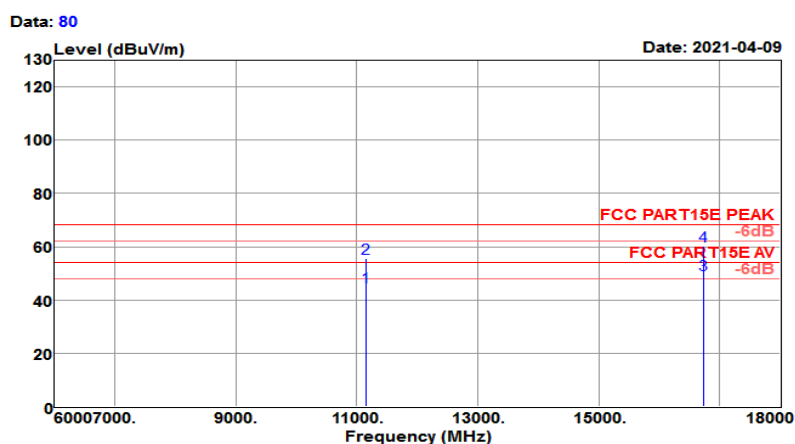


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5580.000	102.95	31.73	8.59	34.19	109.08	68.20	40.88	Peak



Test Mode :	802.11 n HT20 CH116 5580MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11n HT20 CH116 (5580MHz)	Power rating: DC 3.85V



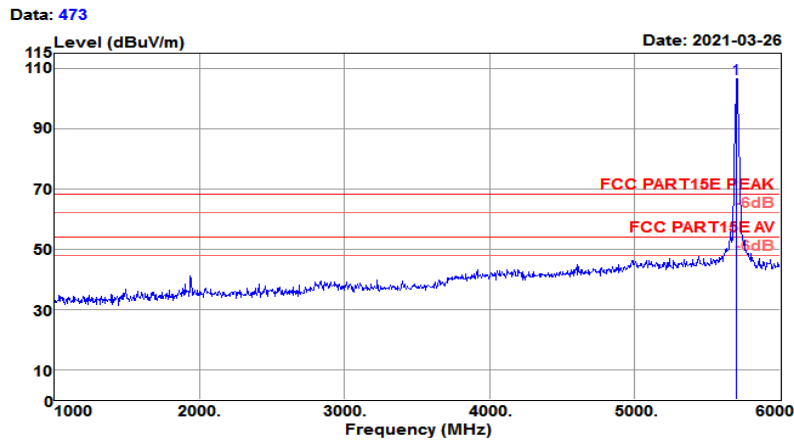
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11160.000	24.99	39.84	12.90	32.67	45.06	54.00	-8.94	Average
11160.000	35.41	39.84	12.90	32.67	55.48	68.20	-12.72	Peak
16740.000	23.11	39.32	17.34	30.31	49.46	54.00	-4.54	Average
16740.000	33.69	39.32	17.34	30.31	60.04	68.20	-8.16	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH140 5700MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH140 (5700MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5700.000	100.91	31.92	7.94	34.25	106.52	68.20	38.32	Peak

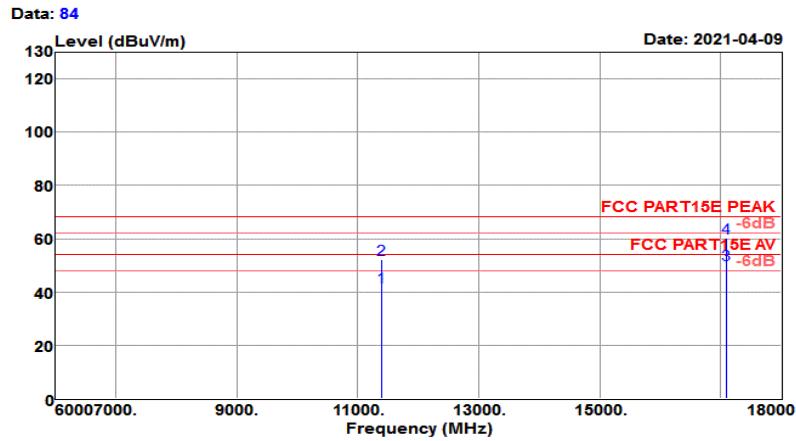


Test Mode :	802.11 n HT20 CH140 5700MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11n HT20 CH140 (5700MHz) Power rating: DC 3.85V



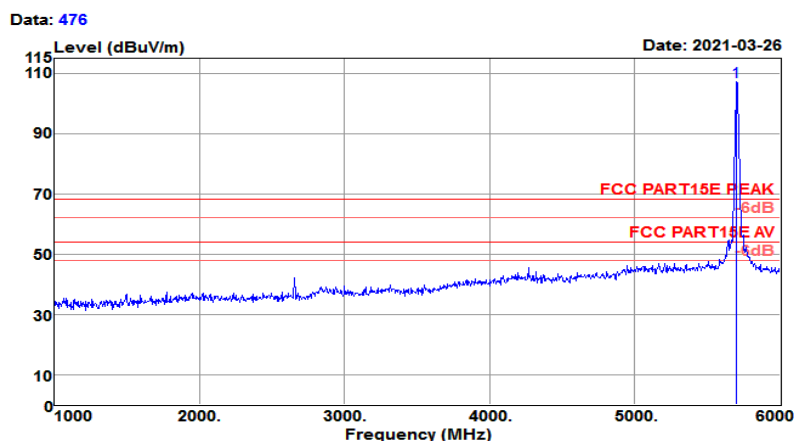
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11400.000	21.84	39.74	13.22	32.85	41.95	54.00	-12.05	Average
11400.000	32.25	39.74	13.22	32.85	52.36	68.20	-15.84	Peak
17100.000	21.13	40.44	18.59	30.08	50.08	54.00	-3.92	Average
17100.000	31.45	40.44	18.59	30.08	60.40	68.20	-7.80	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH140 5700MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19°C / 60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20 CH140 (5700MHz)	Power rating:	: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5700.000	101.56	31.92	7.94	34.25	107.17	68.20	38.97	Peak

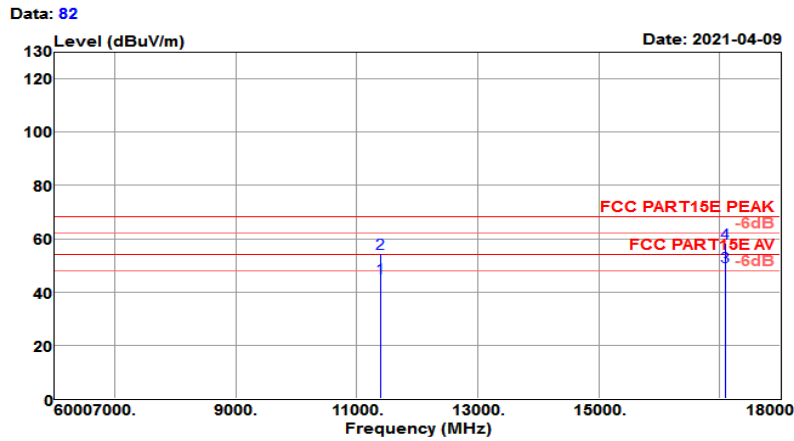


Test Mode :	802.11 n HT20 CH140 5700MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19°C/60%

 Tested by : Jack Pol/Phase : VERTICAL

 Test Mode : 802.11n HT20 CH140 (5700MHz) Power rating: DC 3.85V



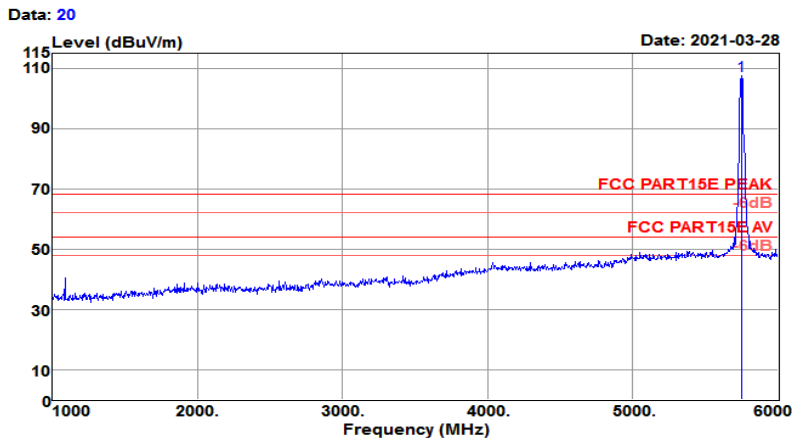
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11400.000	25.10	39.74	13.22	32.85	45.21	54.00	-8.79	Average
11400.000	34.25	39.74	13.22	32.85	54.36	68.20	-13.84	Peak
17100.000	20.40	40.44	18.59	30.08	49.35	54.00	-4.65	Average
17100.000	29.45	40.44	18.59	30.08	58.40	68.20	-9.80	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH149 5745MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19°C / 60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20 CH149 (5745MHz)	Power rating:	DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5745.000	102.06	31.99	7.68	34.27	107.46	68.20	39.26	Peak



Test Mode :	802.11 n HT20 CH149 5745MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

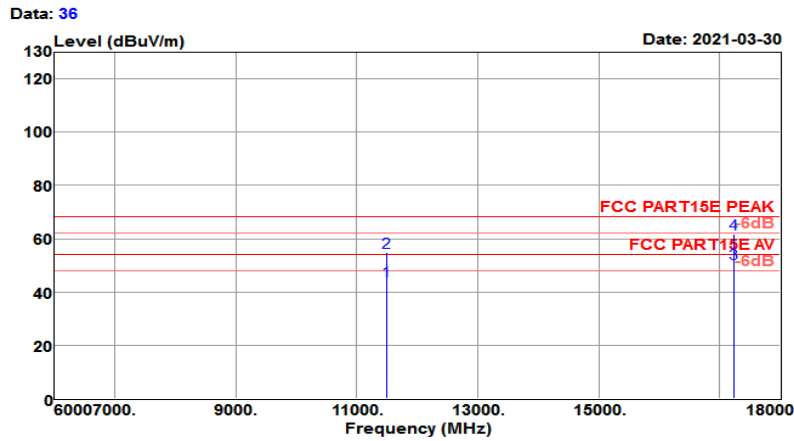
Test Site : 3m Chamber

 Temp/Humi : 19°C/60%

 Tested by : Jack

 Pol/Phase : HORIZONTAL

 Test Mode : 802.11n HT20 CH149 (5745MHz) Power rating: DC 3.85V



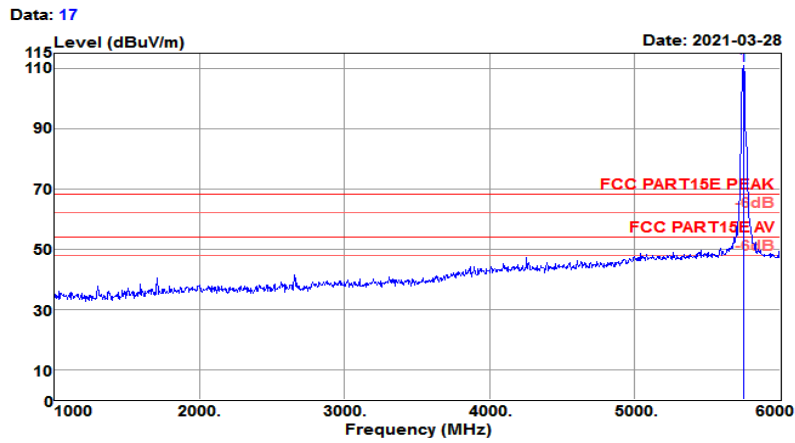
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11490.000	23.92	39.70	13.35	32.91	44.06	54.00	-9.94	Average
11490.000	34.86	39.70	13.35	32.91	55.00	68.20	-13.20	Peak
17235.000	22.13	40.90	17.74	30.08	50.69	54.00	-3.31	Average
17235.000	33.12	40.90	17.74	30.08	61.68	68.20	-6.52	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH149 5745MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19°C/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20 CH149 (5745MHz)	Power rating:	DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5745.000	105.47	31.99	7.68	34.27	110.87	68.20	42.67	Peak

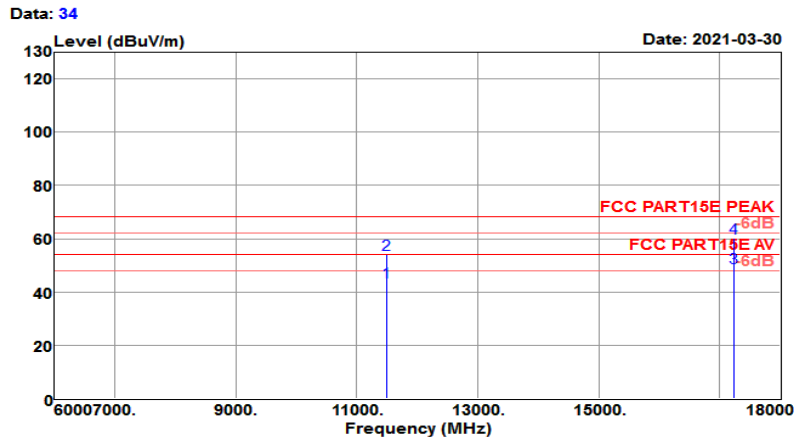


Test Mode :	802.11 n HT20 CH149 5745MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber
 Temp/Humi : 19℃/60%

 Tested by : Jack
 Pol/Phase : VERTICAL

 Test Mode : 802.11n HT20 CH149 (5745MHz) Power rating: DC 3.85V



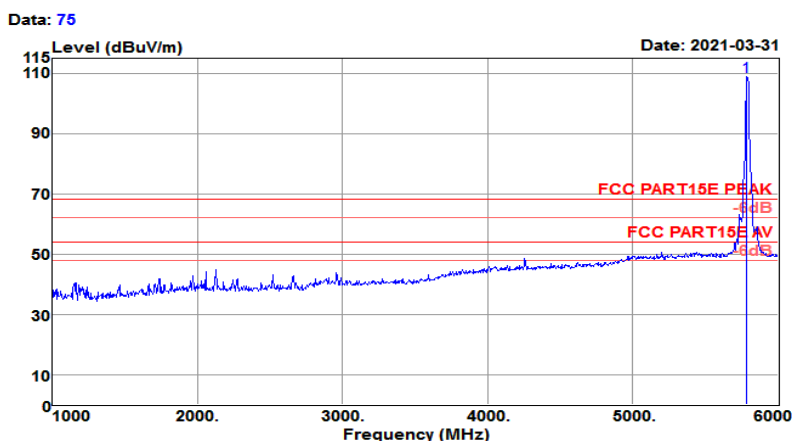
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11490.000	23.51	39.70	13.35	32.91	43.65	54.00	-10.35	Average
11490.000	33.82	39.70	13.35	32.91	53.96	68.20	-14.24	Peak
17235.000	20.48	40.90	17.74	30.08	49.04	54.00	-4.96	Average
17235.000	31.83	40.90	17.74	30.08	60.39	68.20	-7.81	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH157 5785MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH157 (5785MHz) Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5785.000	103.72	32.06	7.44	34.29	108.93	68.20	40.73	Peak



Test Mode :	802.11 n HT20 CH157 5785MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber

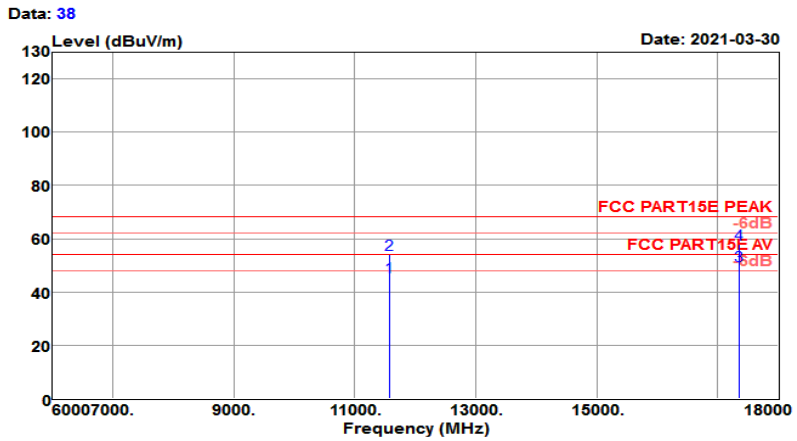
 Temp/Humi : 19°C/60%

 Tested by : Jack

 Pol/Phase : HORIZONTAL

 Test Mode : 802.11n HT20 CH157 (5785MHz)

 Power rating: DC 3.85V



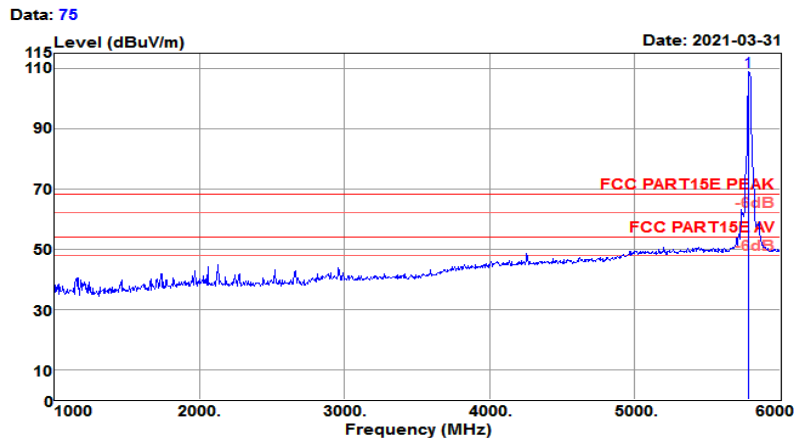
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11570.000	25.48	39.56	13.55	32.98	45.61	54.00	-8.39	Average
11570.000	33.87	39.56	13.55	32.98	54.00	68.20	-14.20	Peak
17355.000	21.50	41.31	16.99	30.08	49.72	54.00	-4.28	Average
17355.000	29.84	41.31	16.99	30.08	58.06	68.20	-10.14	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH157 5785MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH157 (5785MHz)
 Power rating: DC 3.85V

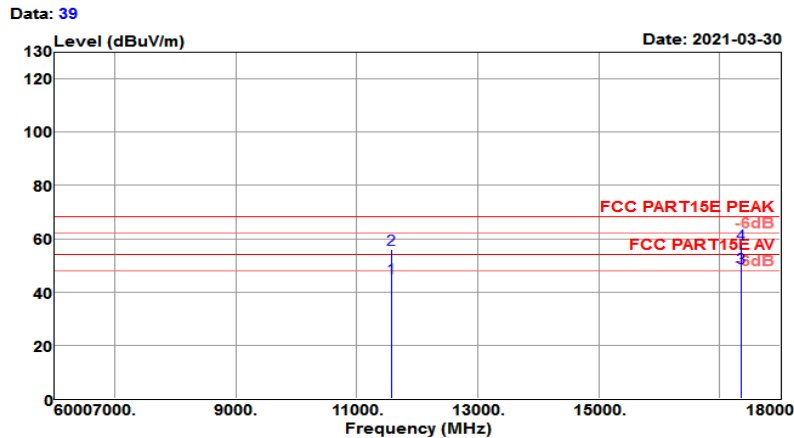


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5785.000	103.72	32.06	7.44	34.29	108.93	68.20	40.73	Peak



Test Mode :	802.11 n HT20 CH157 5785MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19°C/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11n HT20 CH157 (5785MHz)	Power rating: DC 3.85V



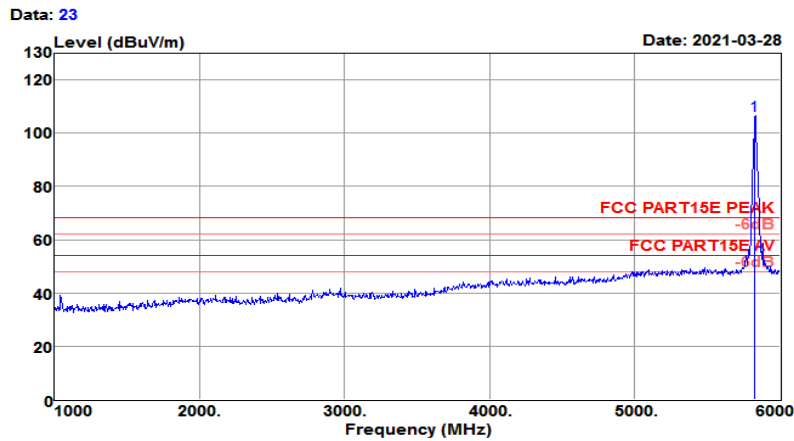
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11570.000	25.15	39.56	13.55	32.98	45.28	54.00	-8.72	Average
11570.000	35.81	39.56	13.55	32.98	55.94	68.20	-12.26	Peak
17355.000	21.06	41.31	16.99	30.08	49.28	54.00	-4.72	Average
17355.000	29.84	41.31	16.99	30.08	58.06	68.20	-10.14	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH165 5825MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber
 Temp/Humi : 19℃/60%
 Tested by : Jack
 Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH165 (5825MHz)
 Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5825.000	101.25	32.12	7.41	34.31	106.47	68.20	38.27	Peak

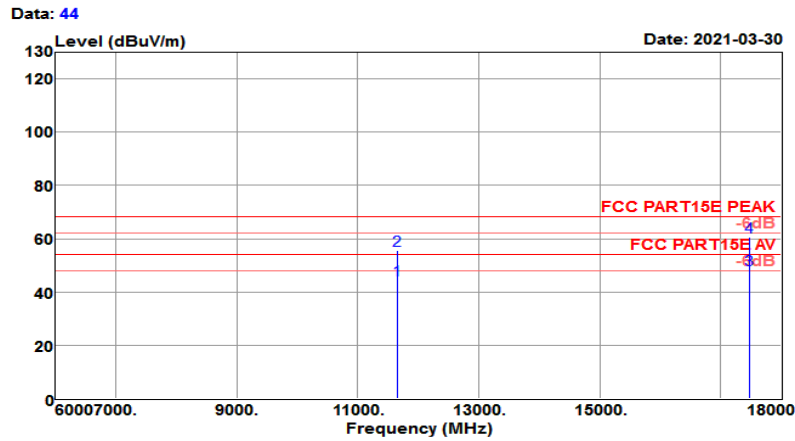


Test Mode :	802.11 n HT20 CH165 5825MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19°C/60%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11n HT20 CH165 (5825MHz) Power rating: DC 3.85V



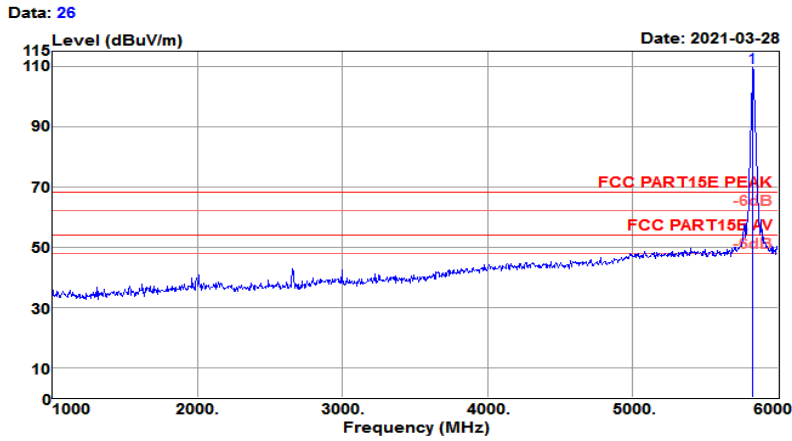
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11650.000	24.36	39.40	13.76	33.04	44.48	54.00	-9.52	Average
11650.000	35.31	39.40	13.76	33.04	55.43	68.20	-12.77	Peak
17475.000	20.46	41.72	16.25	30.08	48.35	54.00	-5.65	Average
17475.000	32.66	41.72	16.25	30.08	60.55	68.20	-7.65	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH165 5825MHz	Temperature :	18~21°C
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber
 Temp/Humi : 19°C/60%
 Tested by : Jack
 Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH165 (5825MHz)
 Power rating: DC 3.85V



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5825.000	104.42	32.12	7.41	34.31	109.64	68.20	41.44	Peak