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TEST REPORT

Application No.:	SZEM1807006006CR
Applicant:	SZ DJI TECHNOLOGY CO., LTD
Address of Applicant:	14th floor, West Wing, Skyworth Semiconductor Design Building NO.18 Gaoxin South 4th Ave, Nanshan District, Shenzhen, China
Manufacturer:	SZ DJI TECHNOLOGY CO., LTD
Address of Manufacturer:	4th floor, West Wing, Skyworth Semiconductor Design Building NO.18 Gaoxin South 4th Ave, Nanshan District, Shenzhen, China
Factory:	SZ DJI TECHNOLOGY CO., LTD
Address of Factory:	4th floor, West Wing, Skyworth Semiconductor Design Building NO.18 Gaoxin South 4th Ave, Nanshan District, Shenzhen, China
Equipment Under Test (EUT):
EUT Name:	Mavic 2 Enterprise
Model No.:	L1ZE
Trade mark:	DJI
FCC ID:	SS3-L1ZE1807
Standard(s) :	47 CFR Part 15, Subpart E 15.407
Date of Receipt:	2018-07-09
Date of Test:	2018-07-13 to 2018-07-28
Date of Issue:	2018-08-03
Test Result:	Pass*

* In the configuration tested, the EUT complied with the standards specified above.



EMC Laboratory Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.

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	Revision Record							
Version	on Chapter Date Modifier Remark							
01		2018-08-03		Original				

Authorized for issue by:		
	Hank Yan	
	Hank Yan /Project Engineer	
	Feric Fu	
	Eric Fu /Reviewer	



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2 Test Summary

In this report, below test items refer to the granted FCC ID: SS3-L1Z1805. Since the RF part of the product (L1ZE) is same to the referred granted product (L1Z), the only difference is on the GPS board. Compare to L1Z, the GPS board on L1ZE active ADS-B function (receiver only) and add an extended micro-USB port which used to connect to accessories. The applicant takes full responsibility that the test data as referenced in this report represents compliance for the new FCC ID.

Referenced FCC ID: SS3-L1Z1805			
Equipment class:	NII		
Rule parts:	15E		
Frequency Bands:	5728.5MHz ~ 5846.5MHz;		
	5730.5MHz ~ 5844.5MHz;		
	5735.5MHz ~ 5839.5MHz		
Report Title:	Test Report		
Exhibit type:	Test Report		

Information of the referenced FCC ID is below:

Radio Spectrum Technical Requirement						
Item	Standard	Method	Requirement	Result		
Antenna Requirement	47 CFR Part 15, Subpart E 15.407; RSS-Gen	N/A	47 CFR Part 15, Subpart C 15.203; RSS-Gen Section 6.8	Pass		
Transmission in the Absence of Data	47 CFR Part 15, Subpart E 15.407; RSS-247	N/A	47 CFR Part 15, Subpart E 15.407 (c); RSS-247 Section 6.4(a)	Pass		

N/A: Not applicable

Radio Spectrum Matter Part							
Item	Standard	Method	Requirement	Result			
99% Bandwidth	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 Section 6.9.3	ANSI C63.10 Section 12.4	Pass			
Minimum 6 dB bandwidth (5.725- 5.85 GHz band)	47 CFR Part 15, Subpart E 15.407	KDB 789033 D02 Section C.2	47 CFR Part 15, Subpart E 15.407 (e)	Pass			
Maximum Conducted output power	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 Section 12.3	47 CFR Part 15, Subpart E 15.407 (a)	Pass			
Peak Power spectrum density	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 Section 12.5	47 CFR Part 15, Subpart E 15.407 (a)	Pass			
Radiated Emissions	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 Section 12.7.3	47 CFR Part 15, Subpart E 15.209 & 15.407(b)	Pass			
Radiated Emissions which fall in the restricted bands	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 Section 12.7.2	47 CFR Part 15, Subpart E 15.209 & 15.407(b)	Pass			
Frequency Stability	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 (2013) Section 6.8	47 CFR Part 15, Subpart C 15.407 (g)	Pass			

N/A: Not applicable



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The spot-check was performed on below items based on worst-case results reported in the original FCC ID filing.

Radio Spectrum Matter Part								
Item	Standard	Method	Requirement	Result				
Maximum Conducted output power	47 CFR Part 15, Subpart E 15.407	KDB 789033 D02 II E	47 CFR Part 15, Subpart C 15.407 (a)	Pass				
Peak Power spectrum density	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 Section 12.5	47 CFR Part 15, Subpart E 15.407 (a)	Pass				
Radiated Emissions	47 CFR Part 15, Subpart E 15.407	KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & 15.407(b)	Pass				



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4 General Information

4.1 Details of E.U.T.

Power supply:	DC 15.4V, 3850mAh Li-Po Battery
Operation Frequency:	1.4M BW: 5728.5MHz ~ 5846.5MHz;
	10M BW: 5730.5MHz ~ 5844.5MHz;
	20M BW: 5735.5MHz ~ 5839.5MHz
Number of Channels:	1.4M BW: 60;
	10M BW: 115;
	20M BW: 105
Modulation Type:	OFDM
Channel Spacing:	1.4M BW: 2MHz;
	10M BW: 1MHz;
	20M BW: 1MHz
Antenna Type:	PCB Antenna
Antenna Gain:	4dBi
Channel Spacing: Antenna Type:	OFDM 1.4M BW: 2MHz; 10M BW: 1MHz; 20M BW: 1MHz PCB Antenna

Channel List for 1.4MHz BW								
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	
1	5728.5	16	5758.5	31	5788.5	46	5818.5	
2	5730.5	17	5760.5	32	5790.5	47	5820.5	
3	5732.5	18	5762.5	33	5792.5	48	5822.5	
4	5734.5	19	5764.5	34	5794.5	49	5824.5	
5	5736.5	20	5766.5	35	5796.5	50	5826.5	
6	5738.5	21	5768.5	36	5798.5	51	5828.5	
7	5740.5	22	5770.5	37	5800.5	52	5830.5	
8	5742.5	23	5772.5	38	5802.5	53	5832.5	
9	5744.5	24	5774.5	39	5804.5	54	5834.5	
10	5746.5	25	5776.5	40	5806.5	55	5836.5	
11	5748.5	26	5778.5	41	5808.5	56	5838.5	
12	5750.5	27	5780.5	42	5810.5	57	5840.5	
13	5752.5	28	5782.5	43	5812.5	58	5842.5	
14	5754.5	29	5784.5	44	5814.5	59	5844.5	
15	5756.5	30	5786.5	45	5816.5	60	5846.5	
Note: The hi	Note: The highlight frequencies are chosen to do all of the test.							



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Channel List for 10MHz BW							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5730.5	30	5759.5	59	5788.5	88	5817.5
2	5731.5	31	5760.5	60	5789.5	89	5818.5
3	5732.5	32	5761.5	61	5790.5	90	5819.5
4	5733.5	33	5762.5	62	5791.5	91	5820.5
5	5734.5	34	5763.5	63	5792.5	92	5821.5
6	5735.5	35	5764.5	64	5793.5	93	5822.5
7	5736.5	36	5765.5	65	5794.5	94	5823.5
8	5737.5	37	5766.5	66	5795.5	95	5824.5
9	5738.5	38	5767.5	67	5796.5	96	5825.5
10	5739.5	39	5768.5	68	5797.5	97	5826.5
11	5740.5	40	5769.5	69	5798.5	98	5827.5
12	5741.5	41	5770.5	70	5799.5	99	5828.5
13	5742.5	42	5771.5	71	5800.5	100	5829.5
14	5743.5	43	5772.5	72	5801.5	101	5830.5
15	5744.5	44	5773.5	73	5802.5	102	5831.5
16	5745.5	45	5774.5	74	5803.5	103	5832.5
17	5746.5	46	5775.5	75	5804.5	104	5833.5
18	5747.5	47	5776.5	76	5805.5	105	5834.5
19	5748.5	48	5777.5	77	5806.5	106	5835.5
20	5749.5	49	5778.5	78	5807.5	107	5836.5
21	5750.5	50	5779.5	79	5808.5	108	5837.5
22	5751.5	51	5780.5	80	5809.5	109	5838.5
23	5752.5	52	5781.5	81	5810.5	110	5839.5
24	5753.5	53	5782.5	82	5811.5	111	5840.5
25	5754.5	54	5783.5	83	5812.5	112	5841.5
26	5755.5	55	5784.5	84	5813.5	113	5842.5
27	5756.5	56	5785.5	85	5814.5	114	5843.5
28	5757.5	57	5786.5	86	5815.5	115	5844.5
29	5758.5	58	5787.5	87	5816.5		
Note: The highlight frequencies are chosen to do all of the test.							



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Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5735.5	28	5762.5	55	5789.5	82	5816.5
2	5736.5	29	5763.5	56	5790.5	83	5817.5
3	5737.5	30	5764.5	57	5791.5	84	5818.5
4	5738.5	31	5765.5	58	5792.5	85	5819.5
5	5739.5	32	5766.5	59	5793.5	86	5820.5
6	5740.5	33	5767.5	60	5794.5	87	5821.5
7	5741.5	34	5768.5	61	5795.5	88	5822.5
8	5742.5	35	5769.5	62	5796.5	89	5823.5
9	5743.5	36	5770.5	63	5797.5	90	5824.5
10	5744.5	37	5771.5	64	5798.5	91	5825.5
11	5745.5	38	5772.5	65	5799.5	92	5826.5
12	5746.5	39	5773.5	66	5800.5	93	5827.5
13	5747.5	40	5774.5	67	5801.5	94	5828.5
14	5748.5	41	5775.5	68	5802.5	95	5829.5
15	5749.5	42	5776.5	69	5803.5	96	5830.5
16	5750.5	43	5777.5	70	5804.5	97	5831.5
17	5751.5	44	5778.5	71	5805.5	98	5832.5
18	5752.5	45	5779.5	72	5806.5	99	5833.5
19	5753.5	46	5780.5	73	5807.5	100	5834.5
20	5754.5	47	5781.5	74	5808.5	101	5835.5
21	5755.5	48	5782.5	75	5809.5	102	5836.5
22	5756.5	49	5783.5	76	5810.5	103	5837.5
23	5757.5	50	5784.5	77	5811.5	104	5838.5
24	5758.5	51	5785.5	78	5812.5	105	5839.5
25	5759.5	52	5786.5	79	5813.5		
26	5760.5	53	5787.5	80	5814.5		
27	5761.5	54	5788.5	81	5815.5		

Note: The highlight frequencies are chosen to do all of the test.

4.2 Description of Support Units

The EUT has been tested as an independent unit.



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4.3 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	± 7.25 x 10 ⁻⁸
2	Duty cycle	± 0.37%
3	Occupied Bandwidth	± 3%
4	RF conducted power	± 0.75dB
5	RF power density	± 2.84dB
6	Conducted Spurious emissions	± 0.75dB
7	DE Dedicted newer	± 4.5dB (below 1GHz)
/	RF Radiated power	± 4.8dB (above 1GHz)
8	Dedicted Sourieus emission test	± 4.5dB (Below 1GHz)
0	Radiated Spurious emission test	± 4.8dB (Above 1GHz)
9	Temperature test	± 1 °C
10	Humidity test	± 3%
11	Supply voltages	± 1.5%
12	Time	± 3%



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4.4 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, Guangdong, China. 518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

CNAS (No. CNAS L2929)

CNAS has accredited SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC

Lab to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

A2LA (Certificate No. 3816.01)

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

• VCCI

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

FCC – Designation Number: CN1178

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1178. Test Firm Registration Number: 406779.

Industry Canada (IC)

Two 3m Semi-anechoic chambers and the 10m Semi-anechoic chamber of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab have been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 4620C-1, 4620C-2, 4620C-3.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None



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5 Equipment List

Maximum Conducted output power									
Equipment	Manufacturer	Model No	Model No Inventory No		Cal Due Date				
DC Power Supply	ZhaoXin	RXN-305D	SEM011-02	2017-09-27	2018-09-26				
Spectrum Analyzer	Rohde & Schwarz	FSU43	SEM004-08	2018-04-02	2019-04-01				
Measurement Software	JS Tonscend	JS1120-2 BT/WIFI V2.	N/A	N/A	N/A				
Coaxial Cable	SGS	N/A	SEM031-01	2018-07-12	2019-07-11				
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A				
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2017-09-27	2018-09-26				
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2017-09-27	2018-09-26				

Peak Power spectrum density									
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date				
DC Power Supply	ZhaoXin	RXN-305D	SEM011-02	2017-09-27	2018-09-26				
Spectrum Analyzer	Rohde & Schwarz	FSU43	SEM004-08	2018-04-02	2019-04-01				
Measurement Software	JS Tonscend	JS1120-2 BT/WIFI V2.	N/A	N/A	N/A				
Coaxial Cable	SGS	N/A	SEM031-01	2018-07-12	2019-07-11				
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A				
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2017-09-27	2018-09-26				
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2017-09-27	2018-09-26				



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Radiated Spurious Emissions									
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date				
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2018-03-13	2021-03-12				
Measurement Software	AUDIX	e3 V8.2014-6- 27	N/A	N/A	N/A				
Coaxial Cable	SGS	N/A	SEM026-01	2018-07-12	2019-07-11				
Spectrum Analyzer	Rohde & Schwarz	FSU43	SEM004-08	2018-04-02	2019-04-01				
BiConiLog Antenna (26- 3000MHz)	ETS-Lindgren	3142C	SEM003-01	2017-06-27	2020-06-26				
Horn Antenna (1- 18GHz)	Rohde & Schwarz	HF907	SEM003-07	2018-04-13	2021-04-12				
Horn Antenna(15GHz- 40GHz)	Schwarzbeck	BBHA 9170	SEM003-15	2017-10-17	2020-10-16				
Pre-amplifier (0.1- 1300MHz)	HP	8447D	SEM005-02	2017-09-27	2018-09-26				
Low Noise Amplifier(100MHz- 18GHz)	Black Diamond Series	BDLNA-0118- 352810	SEM005-05	2017-09-27	2018-09-27				
Pre-amplifier(18-26GHz)	Rohde & Schwarz	CH14-H052	SEM005-17	2018-04-02	2019-04-01				
Pre-amplifier(26GHz- 40GHz)	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2018-04-02	2019-04-01				
DC Power Supply	Zhao Xin	RXN-305D	SEM011-02	2017-09-27	2018-09-26				
Active Loop Antenna	ETS-Lindgren	6502	SEM003-08	2017-08-22	2020-08-21				
Band filter	N/A	N/A	SEM023-01	N/A	N/A				

General used equipment								
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date			
Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	ZJ1-2B	SEM002-03	2017-09-29	2018-09-28			
Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	ZJ1-2B SEM002		2017-09-29	2018-09-28			
Humidity/ Temperature Mingle		N/A	SEM002-08	2017-09-29	2018-09-28			
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2018-04-08	2019-04-07			



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6 Radio Spectrum Matter Test Results

6.1 Maximum Conducted output power

Test Requirement	47 CFR Part 15, Subpart C 15.407 (a)
Test Method:	KDB 789033 D02 II E
Limit:	

Frequenc	y band(MHz)	Limit			
E1E0 E	250	≤1W(30dBm) for master device			
5150-5	250	≤250mW(24dBm) for client device			
5250-5	350	≤250mW(24dBm) for client device or 11dBm+10logB*			
5470-5	725	≤250mW(24dBm) for client device or 11dBm+10logB*			
5725-5	850	≤1W(30dBm)			
Remark:	* Where B is the 26dB emission bandwidth in MHz.				
	The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.				



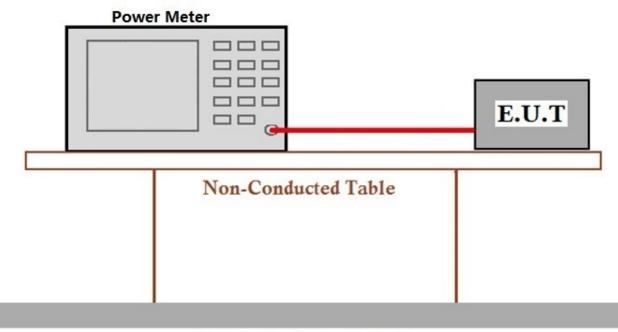
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6.1.1 E.U.T. Operation

Operating Environment:

Temperature:22.4 °CHumidity:52.4 % RHAtmospheric Pressure:1005mbarTest modeb:TX mode_Keep the EUT in continuously transmitting mode with modulation.P Test Seture Disarram

6.1.2 Test Setup Diagram



Ground Reference Plane

6.1.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.407



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6.2 Peak Power spectrum density

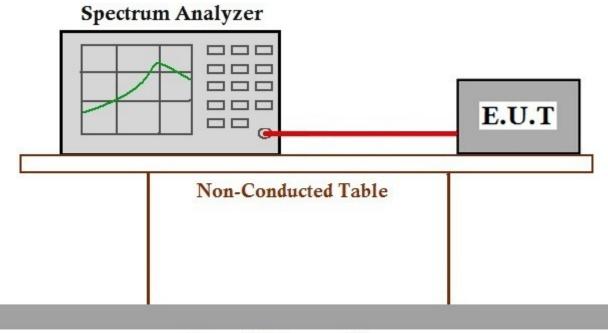
Test Requirement	47 CFR Part 15, Subpart E 15.407 (a)		
Test Method:	ANSI C63.10 Section 12.5		
Limit:			
Frequency band(MHz)	Limit		
5150-5250	≤ 17dBm/MHz for master device (FCC)		
	\leq 11dBm/MHz for client device (FCC)		
	e.i.r.p. spectral density ≤ 10dBm/MHz (IC)		
5250-5350	≤ 11dBm/MHz		
5470-5725	≤ 11dBm/MHz		
5725-5850	≤ 30dBm/500kHz		

6.2.1 E.U.T. Operation

Operating Environment:

Temperature:25.1 °CHumidity:58.9 % RHAtmospheric Pressure:1010mbarTest modeb:TX mode_Keep the EUT in continuously transmitting mode with modulation.

6.2.2 Test Setup Diagram



Ground Reference Plane

6.2.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.407



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6.3 Radiated Emissions

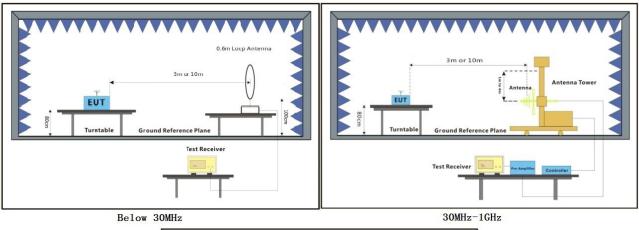
Test Requirement47 CFR Part 15, Subpart C 15.209 & 15.407(b)Test Method:KDB 789033 D02 II GMeasurement Distance:3m

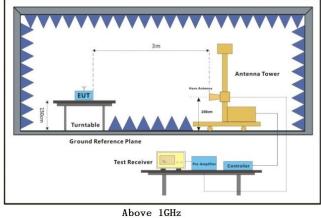
6.3.1 E.U.T. Operation

Operating Environment:

Temperature:24.8 °CHumidity:57.6 % RHAtmospheric Pressure:1005mbarTest modeb: TX mode_Keep the EUT in continuously transmitting mode with modulation.

6.3.2 Test Setup Diagram







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6.3.3 Measurement Procedure and Data

a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

h. Test the EUT in the lowest channel, the middle channel, the Highest channel.

i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

j. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

2. For emission below 1GHz, through the pre-scan found the worst case is the lowest channel of 802.11a. Only the worst case is recorded in the report.

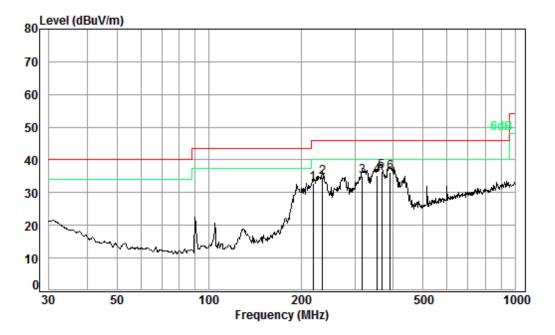
3. Scan from 9kHz to 40GHz, the disturbance above 18GHz and below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

4. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.



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Mode:b; Polarization:Horizontal; Bandwidth:1.4MHz; Channel:5788.5MHz



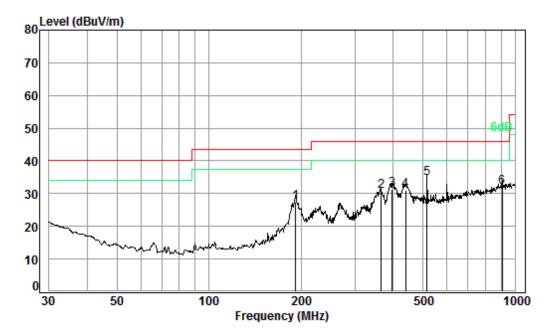
Condition: 3m HORIZONTAL Job No. : 06006CR Test mode: b

Fre			Preamp Factor				Over Limit
MH	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 219.00 2 234.99 3 316.59 4 354.10 5 pp 366.80 6 390.7	 1.60 1.95 2.07 2.11 	18.41 20.12 21.22 21.56	27.53 27.53 27.58 27.65 27.67 27.72	42.11 40.55 39.54 40.64	34.59 35.04 35.18 36.64	46.00 46.00 46.00 46.00	-11.41 -10.96 -10.82 -9.36



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Mode:b; Polarization:Vertical; Bandwidth:1.4MHz; Channel:5788.5MHz



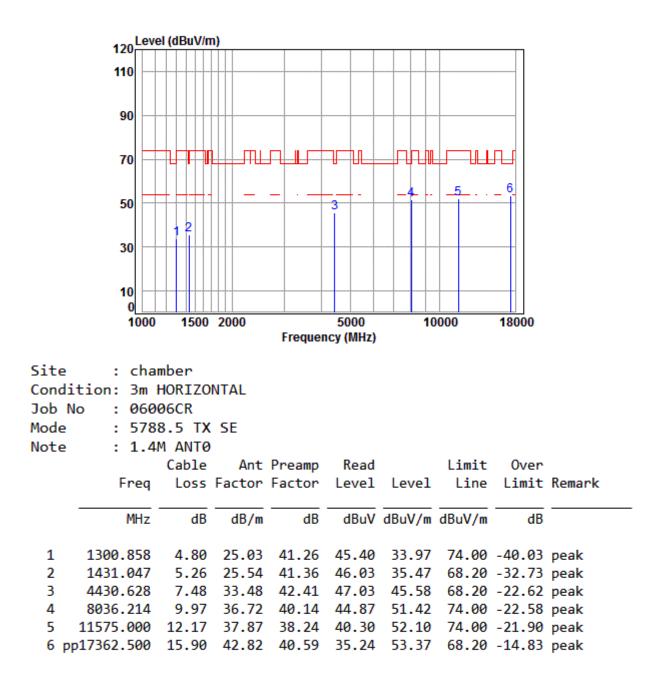
Condition: 3m VERTICAL Job No. : 06006CR Test mode: b

		Cable	Ant	Preamp	Read		Limit	0ver
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	191.75	1.39	16.26	27.53	37.26	27.38	43.50	-16.12
2	365.54	2.10	21.52	27.67	34.74	30.69	46.00	-15.31
3	396.24	2.19	22.31	27.73	34.53	31.30	46.00	-14.70
4	438.66	2.37	23.31	27.79	33.15	31.04	46.00	-14.96
5 pp	515.44	2.62	24.93	27.85	34.96	34.66	46.00	-11.34
6	906.48	3.61	29.83	27.06	25.65	32.03	46.00	-13.97



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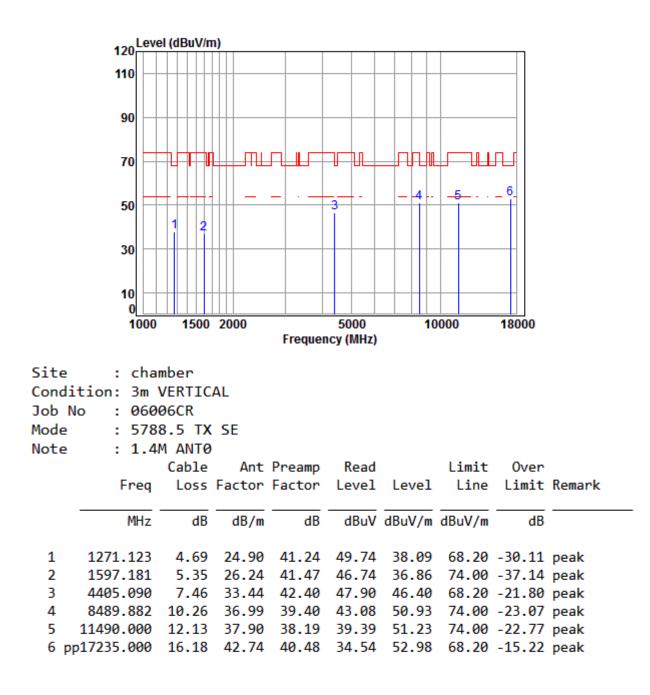
Mode:b; Polarization:Horizontal; Bandwidth:1.4MHz; Channel:5788.5MHz





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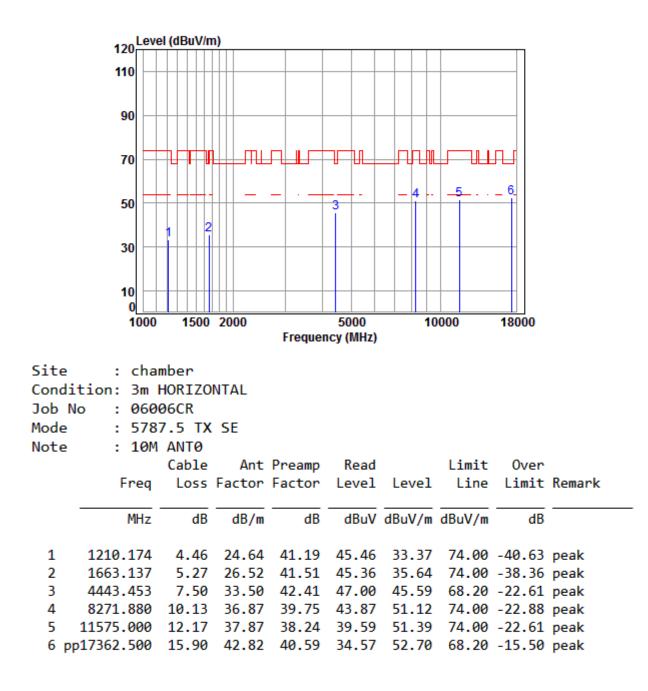
Mode:b; Polarization:Vertical; Bandwidth:1.4MHz; Channel:5788.5MHz





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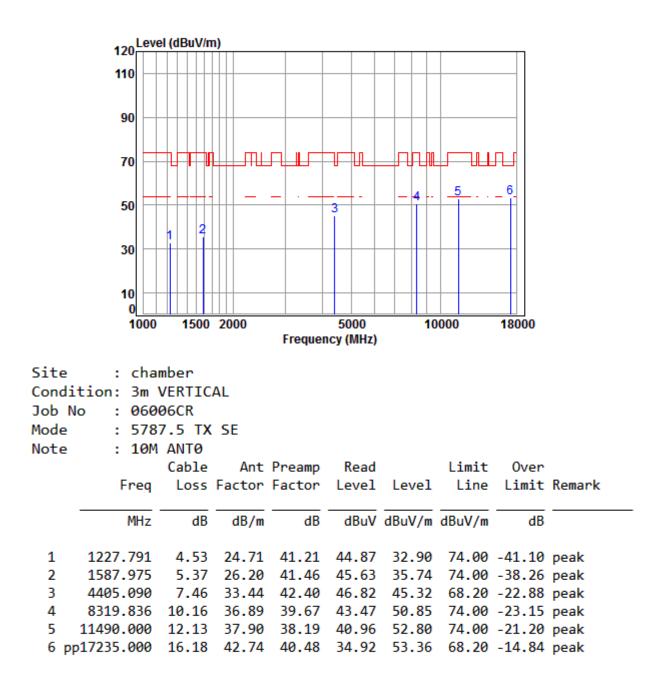
Mode:b; Polarization:Horizontal; Bandwidth:10MHz; Channel:5787.5MHz





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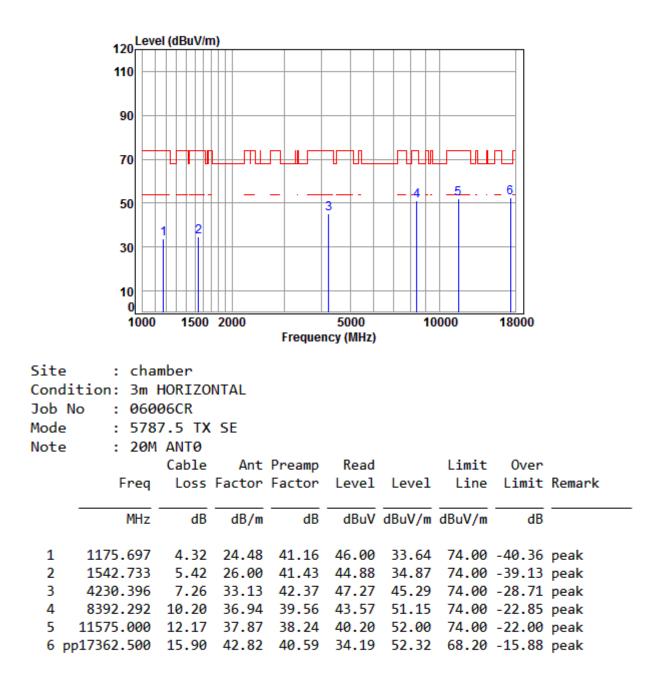
Mode:b; Polarization:Vertical; Bandwidth:10MHz; Channel:5787.5MHz





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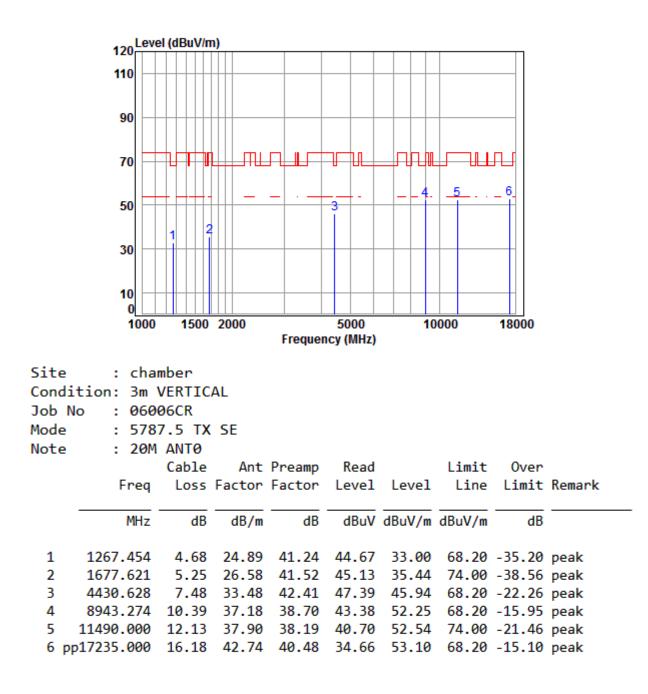
Mode:b; Polarization:Horizontal; Bandwidth:20MHz; Channel:5787.5MHz





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Mode:b; Polarization:Vertical; Bandwidth:20MHz; Channel:5787.5MHz





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7 Photographs

7.1 Test Setup

Please refer to setup photos.

7.2 EUT Constructional Details (EUT Photos)

Please refer to external and internal photos.



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8 Appendix

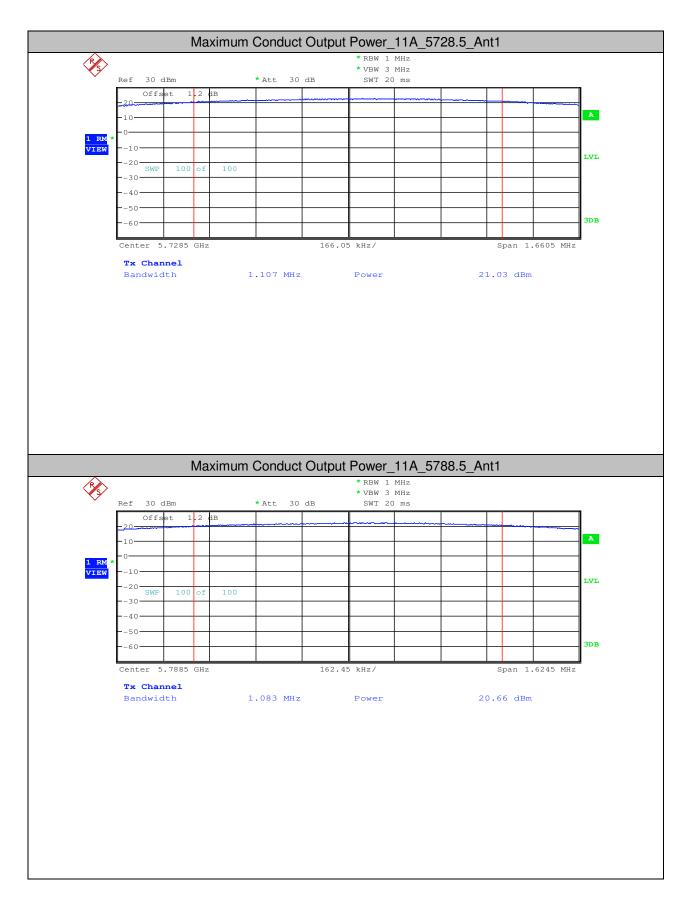
8.1 Appendix 15.407

1.Maximum Conduct Output Power

Test Mode	Test Channel	Ant	Power [dBm]	Limit [dBm]	Verdict
1.4MHz BW	5728.5	Ant1	21.03	<30.00	PASS
1.4MHz BW	5788.5	Ant1	20.66	<30.00	PASS
1.4MHz BW	5846.5	Ant1	21.66	<30.00	PASS
20MHz BW	5735.5	Ant1	21.80	<30.00	PASS
20MHz BW	5787.5	Ant1	22.27	<30.00	PASS
20MHz BW	5839.5	Ant1	22.28	<30.00	PASS
10MHz BW	5730.5	Ant1	21.57	<30.00	PASS
10MHz BW	5787.5	Ant1	22.65	<30.00	PASS
10MHz BW	5844.5	Ant1	22.56	<30.00	PASS

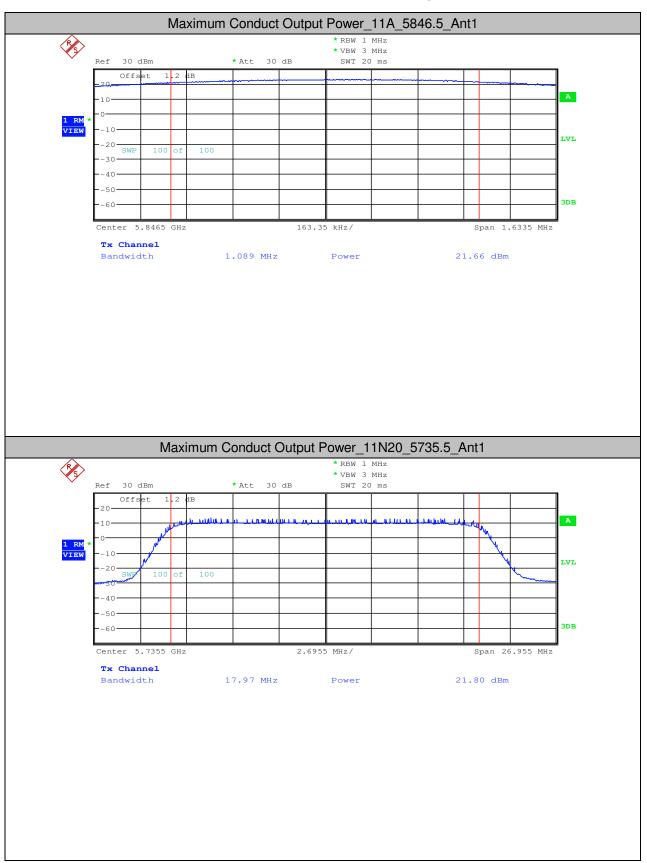


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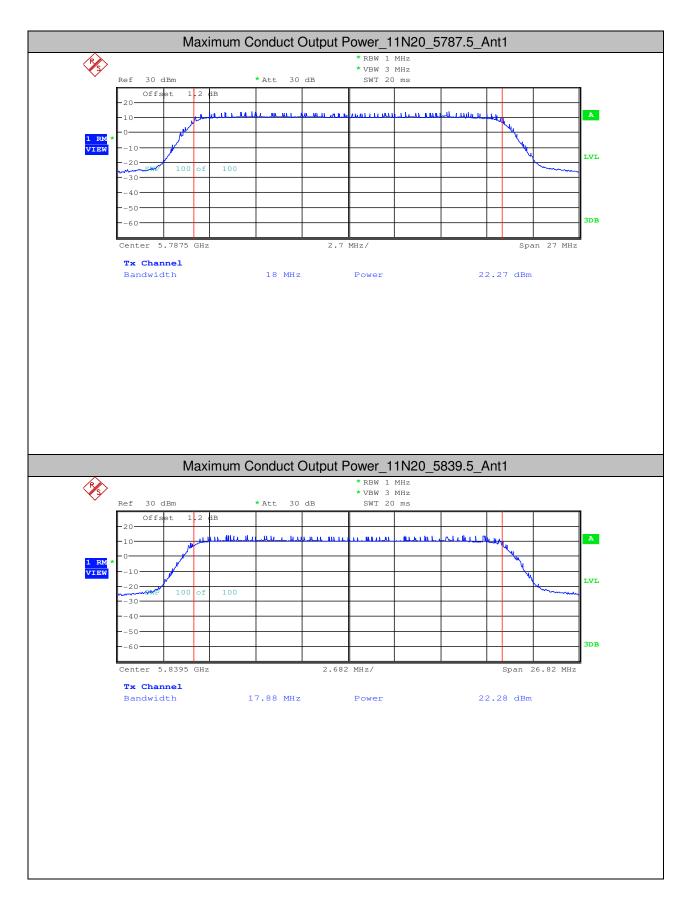


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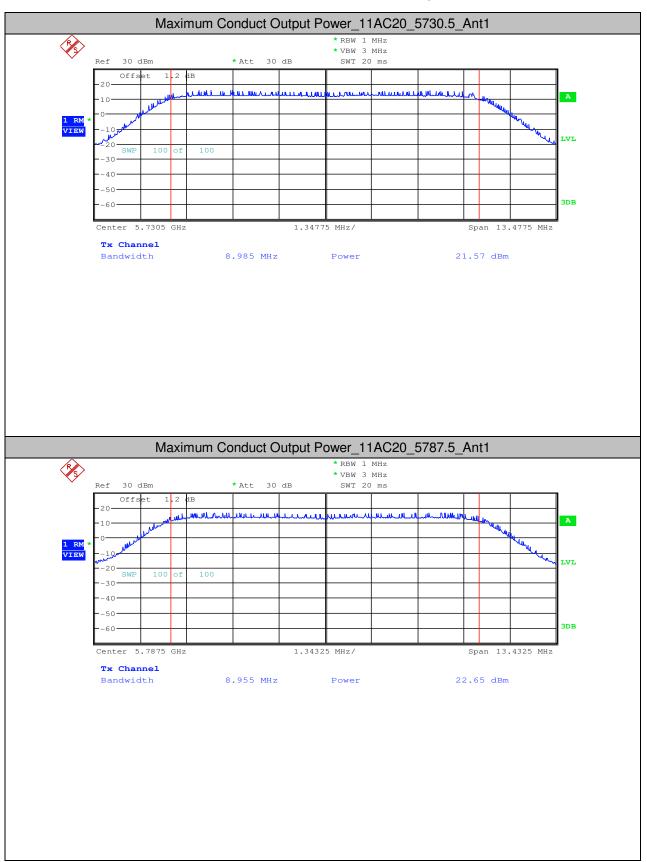


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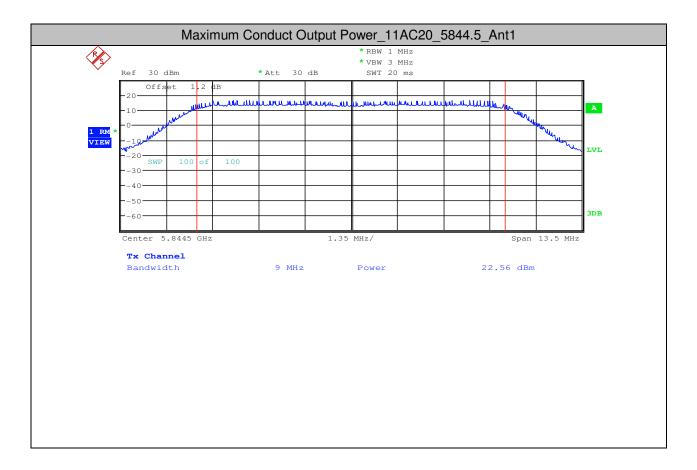


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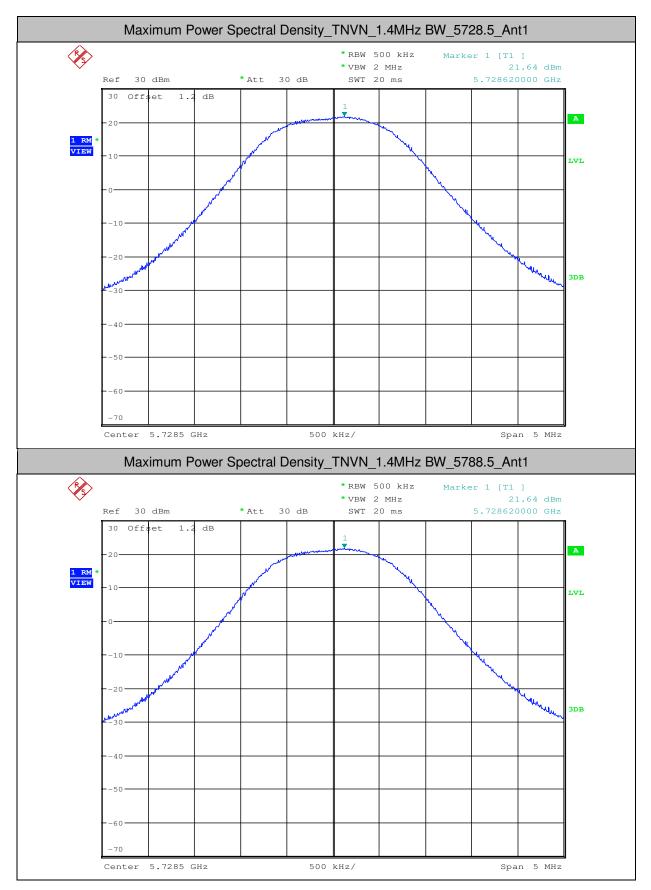
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2.Maximum Power Spectral Density

Test Mode	Test Channel	Ant	Level [dBm/500 kHz]	10log(1/x) Factor[dB]	10log(500k Hz/RBW) Factor [dB]	PSD [dBm/500 kHz]	Limit [dBm/500 kHz]	Verdict
1.4MHz BW	5728.5	Ant1	21.64	0	0	21.64	<30.00	PASS
1.4MHz BW	5788.5	Ant1	21.37	0	0	21.37	<30.00	PASS
1.4MHz BW	5846.5	Ant1	22.28	0	0	22.28	<30.00	PASS
20MHz BW	5735.5	Ant1	11.81	0	0	11.81	<30.00	PASS
20MHz BW	5787.5	Ant1	12.11	0	0	12.11	<30.00	PASS
20MHz BW	5839.5	Ant1	12.14	0	0	12.14	<30.00	PASS
10MHz BW	5730.5	Ant1	14.14	0	0	14.14	<30.00	PASS
10MHz BW	5787.5	Ant1	15.34	0	0	15.34	<30.00	PASS
10MHz BW	5844.5	Ant1	15.42	0	0	15.42	<30.00	PASS

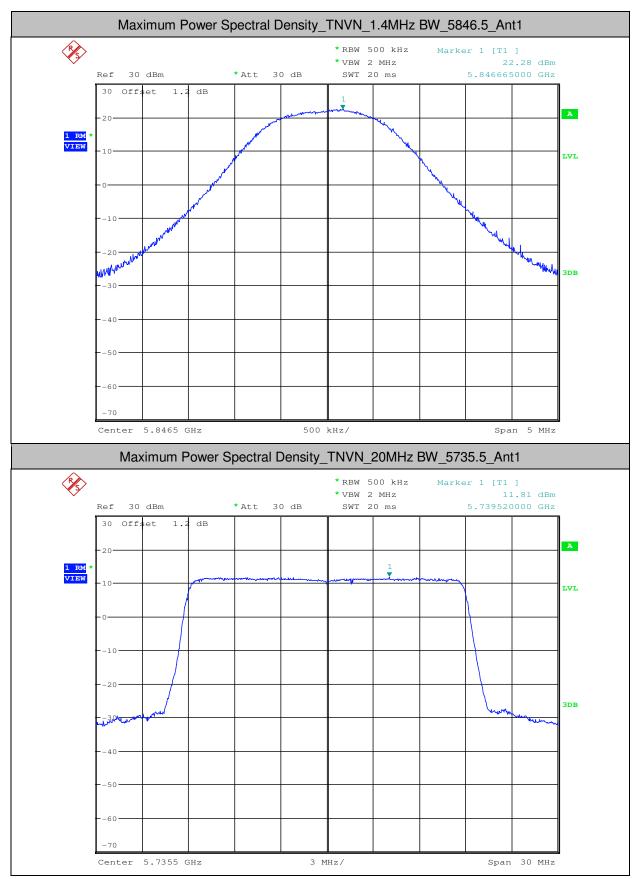


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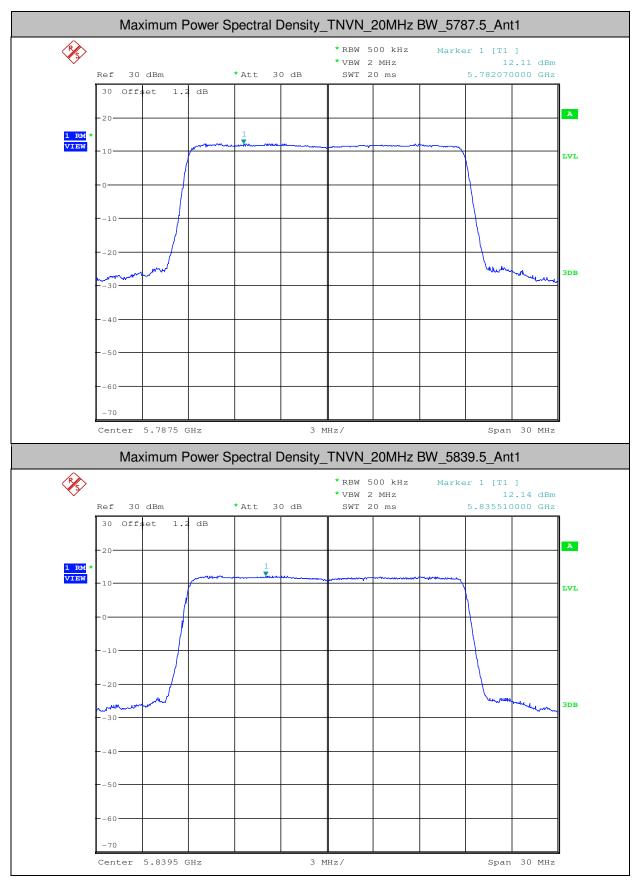


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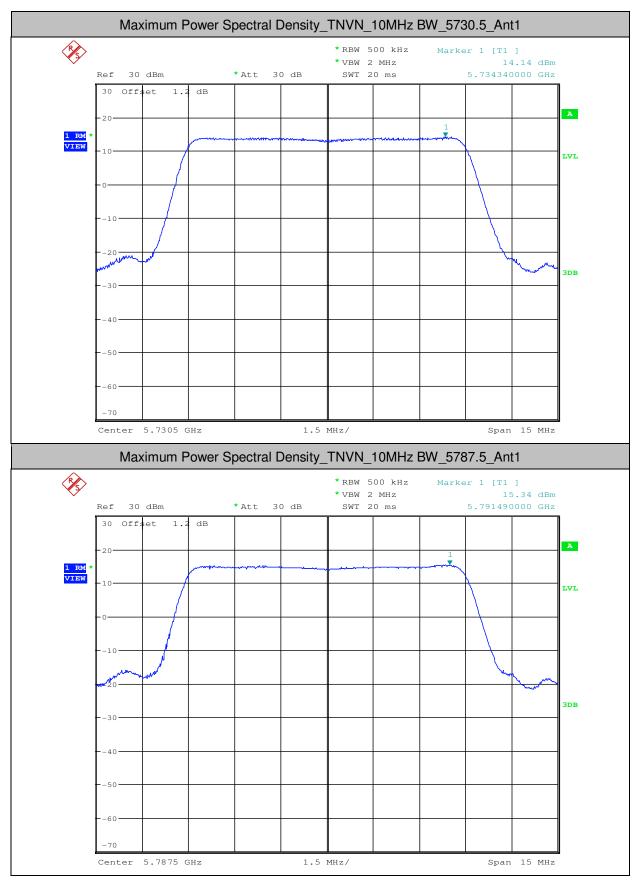


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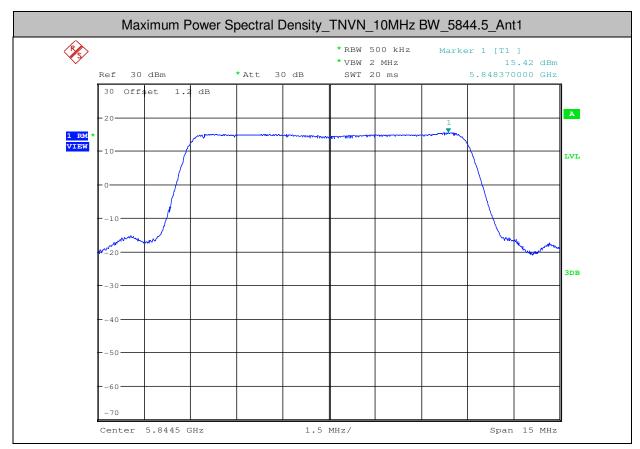


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- End of the Report -