

FCC TEST REPORT

FCC ID:2A3WC-S90

Report Number..... : ZKT-220830L6257-04

Date of Test..... : Aug. 23, 2022 -- Sep. 14, 2022

Date of issue..... : Sep. 14, 2022

Total number of pages : 105

Test Result..... : PASS

Testing Laboratory : **Shenzhen ZKT Technology Co., Ltd.**

Address : 1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue, Fuhai Street, Bao'an District, Shenzhen, China

Applicant's name : SHENZHEN HOMAN TECHNOLOGY CO.,LTD

Address : Room 808A,Block A,Zihui Chuangxin Center,Baoan,Shenzhen

Manufacturer's name : SHENZHEN HOMAN TECHNOLOGY CO.,LTD

Address : Room 808A,Block A,Zihui Chuangxin Center,Baoan,Shenzhen

Test specification:

Standard : FCC CFR Title 47 Part 15 Subpart E Section 15.407
ANSI C63.10:2013
KDB 789033 D02 V01r02

Test procedure..... : /

Non-standard test method : N/A

Test Report Form No. : TRF-EL-110_V0

Test Report Form(s) Originator : ZKT Testing

Master TRF : Dated: 2020-01-06

This device described above has been tested by ZKT, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Product name..... : PROJECTOR

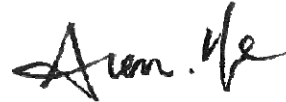
Trademark : AUSWEE

Model/Type reference : S90, NS60, NP60, WP90, NS90, R-01, ZEUS A300N, ZEUS A500, A500, A300, A300N, AS60, WP60, AS90, WS180, WP180, AS180, FS300, AS300

Ratings : DC 15V/1.5A from adapter

Testing procedure and testing location:**Testing Laboratory** **Shenzhen ZKT Technology Co., Ltd.**Address 1/F, No. 101, Building B, No. 6, Tangwei Community
Industrial Avenue, Fuhai Street, Bao'an District,
Shenzhen, China

Tested by (name + signature) Alen He



Reviewer (name + signature) Joe Liu



Approved (name + signature) Lake Xie



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1. VERSION

Report No.	Version	Description	Approved
ZKT-220830L6257-04	Rev.01	Initial issue of report	Sep. 14, 2022

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15 (15.247) , Subpart C			
Standard Section	Test Item	Result	Remark
15.203/15.247 (c)	Antenna requirement	PASS	
15.207	AC Power Line Conducted Emission	PASS	
15.407 (a) (b)	Spurious Radiated Emissions and Band Edge	PASS	
15.407 (e) /15.403(i)	6 dB bandwidth, 26dB Emission Bandwidth& 99% Occupied Bandwidth	PASS	
15.407 (a)	Power Spectral Density	PASS	
15.407 (a)(1)(2)(3)	Maximum conducted output power	PASS	
15.407 (g)	Frequency Stability	PASS	

NOTE:

(1)" N/A" denotes test is not applicable in this Test Report

2.1 TEST FACILITY

Shenzhen ZKT Technology Co., Ltd.

Add. : 1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue, Fuhai Street, Bao'an District, Shenzhen, China

FCC Test Firm Registration Number: 692225

Designation Number: CN1299

IC Registered No.: 27033

2.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	3m chamber Radiated spurious emission(30MHz-1GHz)	U=4.3dB
2	3m chamber Radiated spurious emission(1GHz-18GHz)	U=4.5dB
3	3m chamber Radiated spurious emission(18GHz-40GHz)	U=3.34dB
4	Conducted Adjacent channel power	U=1.38dB
5	Conducted output power uncertainty Above 1G	U=1.576dB
6	Conducted output power uncertainty below 1G	U=1.28dB
7	humidity uncertainty	U=5.3%
8	Temperature uncertainty	U=0.59℃
9	Radiated disturbance(30MHz-1000MHz)	U=4.8dB
10	Radiated disturbance(1GHz-6GHz)	U=4.9dB
11	Radiated disturbance(1GHz-18GHz)	U=5.0dB

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Product Name:	PROJECTOR		
Model No.:	S90		
Serial No.:	NS60, NP60, WP90, NS90, R-01, ZEUS A300N, ZEUS A500, A500, A300, A300N, AS60, WP60, AS90, WS180, WP180, AS180, FS300, AS300		
Model difference:	All models have the same functionality, software and electronics, only the model names may differ. Test sample model: S90		
Hardware Version:	V10		
Software Version:	SecureCRT		
Sample(s) Status:	Engineer sample		
	IEEE802.11 WLAN mode supported	802.11a/n/ac(20MHz channel bandwidth) 802.11n/ac(40MHz channel bandwidth) 802.11 ac (80MHz channel bandwidth)	
	Date rate	802.11ac:MCS0-MCS9 802.11n: MCS0-MCS7 802.11a: 6.5-54Mbps	
	Modulation	OFDM/OFDMA	
	U-NII-1	Frequency Range	802.11a/n/ac(20MHz) : 5180-5240MHz 802.11n/ac(40MHz) : 5190-5230MHz 802.11 ac (80MHz) : 5210MHz
		Channels	802.11 a/n/ac (20MHz): 4 802.11 ac /n (40MHz): 2 802.11 ac (80MHz): 1
	U-NII-3	Frequency Range	802.11 a/n/ac(20MHz) : 5745-5825 MHz 802.11 n/ac (40MHz): 5755-5795 MHz 802.11 ac (80MHz): 5775 MHz
		Channels	802.11 a/n/ac(20MHz) : 5 802.11 n/ac (40MHz): 2 802.11 ac (80MHz): 1
Antenna Type:	FPC antenna		
Antenna gain:	WIFI ANT1: 4.57dBi; WIFI ANT2: 4.22dBi ; MIMO: 7.58dBi		
Power supply:	AC 120V 50/60Hz		
POWER ADAPTER:	DC 15V/1.5A from adapter		

U-NII-1		U-NII-3	
CH.	Frequency (MHz)	CH.	Frequency (MHz)
36	5180	149	5745
40	5200	...	...
44	5220	157	5785
48	5240	...	...
		165	5825

802.11a/n/ac(20MHz) Frequency / Channel Operations

U-NII-1		U-NII-3	
CH.	Frequency (MHz)	CH.	Frequency (MHz)
38	5190	151	5755
46	5230	159	5795

802.11n /ac(40MHz BW) Frequency / Channel Operations

U-NII-1		U-NII-3	
CH.	Frequency (MHz)	CH.	Frequency (MHz)
42	5210	155	5775

802.11ac (80MHz BW) Frequency / Channel Operations

3.2 DESCRIPTION OF TEST MODES

Worst Case Configuration: transmitting both 2.4GHz mode and 5GHz mode

Description	5 GHz Emission
Antenna	MIMO
Channel	149
Operating Frequency (MHz)	802.11ac
Data Rate (Mbps)	OFDM/MCS11
Mode	U-NII-3 -5745MHz

3.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Conducted Emission



Radiated Emission



Conducted Spurious



3.4 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
1	PC	HP	HP40		Provide by lab

2	adapter	SHENZHEN FUJIA APPLIANCE CO.,LTD.	FJ-SW126G1501500N	/	SDOC

Item	Shielded Type	Ferrite Core	Length	Note

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.

3.5EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation Test equipment

Item	Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	Spectrum Analyzer (9kHz-26.5GHz)	KEYSIGHT	9020A	MY45109572	Sep. 21, 2021	Sep. 20, 2022
2	Spectrum Analyzer (1GHz-40GHz)	Agilent	E4446A	100363	Sep. 21, 2021	Sep. 20, 2022
3	Test Receiver (9kHz-7GHz)	R&S	ESC17	101169	Sep. 21, 2021	Sep. 20, 2022
4	Bilog Antenna (30MHz-1400MHz)	Schwarzbeck	VULB9168	00877	Sep. 21, 2021	Sep. 20, 2022
5	Horn Antenna (1GHz-18GHz)	SCHWARZBEC K	BBHA9120D	1541	Sep. 21, 2021	Sep. 20, 2022
6	Horn Antenna (18GHz-40GHz)	A.H. System	SAS-574	588	Sep. 21, 2021	Sep. 20, 2022
7	Amplifier (30-1000MHz)	EM Electronics	EM330 Amplifier	N/A	Sep. 21, 2021	Sep. 20, 2022
8	Amplifier (1GHz-40GHz)	QUANJUDA	DLE-161	097	Sep. 21, 2021	Sep. 20, 2022
9	Loop Antenna (9KHz-30MHz)	SCHWARZBEC K	FMZB1519B	014	Sep. 21, 2021	Sep. 20, 2022
10	RF cables1 (9kHz-30MHz)	N/A	9kHz-30MHz	N/A	Sep. 21, 2021	Sep. 20, 2022
11	RF cables2 (30MHz-1GHz)	N/A	30MHz-1GHz	N/A	Sep. 21, 2021	Sep. 20, 2022
12	RF cables3 (1GHz-40GHz)	N/A	1GHz-40GHz	N/A	Sep. 21, 2021	Sep. 20, 2022
13	CMW500 Test	R&S	CMW500	106504	Sep. 21, 2021	Sep. 20, 2022
14	ESG Signal Generator	Agilent	E4421B	GB40051203	Sep. 21, 2021	Sep. 20, 2022
15	Signal Generator	Agilent	N5182A	MY47420215	Sep. 21, 2021	Sep. 20, 2022
16	D.C. Power Supply	LongWei	TPR-6405D	\	\	\
17	Software	Frad	EZ-EMC	FA-03A2 RE	\	\

Conduction Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	LISN	R&S	ENV216	101471	Sep. 21, 2021	Sep. 20, 2022
2	LISN	CYBERTEK	EM5040A	E185040014 9	Sep. 21, 2021	Sep. 20, 2022
3	Test Cable	N/A	C01	N/A	Sep. 21, 2021	Sep. 20, 2022
4	Test Cable	N/A	C02	N/A	Sep. 21, 2021	Sep. 20, 2022
5	EMI Test Receiver	R&S	ESRP3	101946	Sep. 21, 2021	Sep. 20, 2022
6	Absorbing Clamp	DZ	ZN23201	N/A	Sep. 21, 2021	Sep. 20, 2022

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

Test Requirement:	FCC Part15 C Section 15.207
Test Method:	ANSI C63.10:2013
Test Frequency Range:	150KHz to 30MHz
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto

4.1.1 POWER LINE CONDUCTED EMISSION LIMITS

FREQUENCY (MHz)	Limit (dBuV)		Standard
	Quasi-peak	Average	
0.15 -0.5	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	56.00	46.00	FCC
5.0 -30.0	60.00	50.00	FCC

Note:

(1) *Decreases with the logarithm of the frequency.

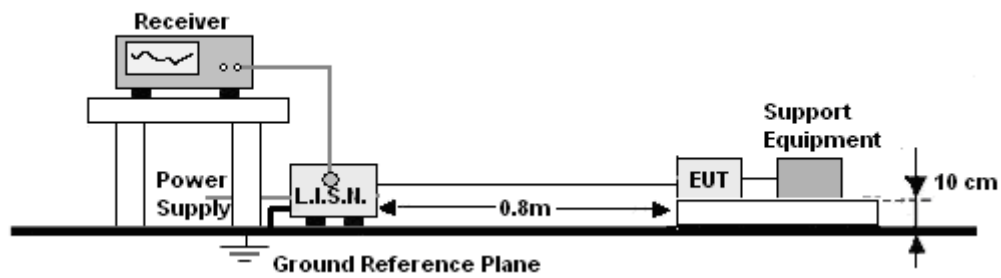
4.1.2 TEST PROCEDURE

1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. The EUT is a tabletop system; a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10:2013.
2. Support equipment, if needed, was placed as per ANSI C63.10:2013
3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10:2013.
4. The adapter received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
5. All support equipments received AC power from a second LISN, if any.
6. The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
7. Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.e.
8. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



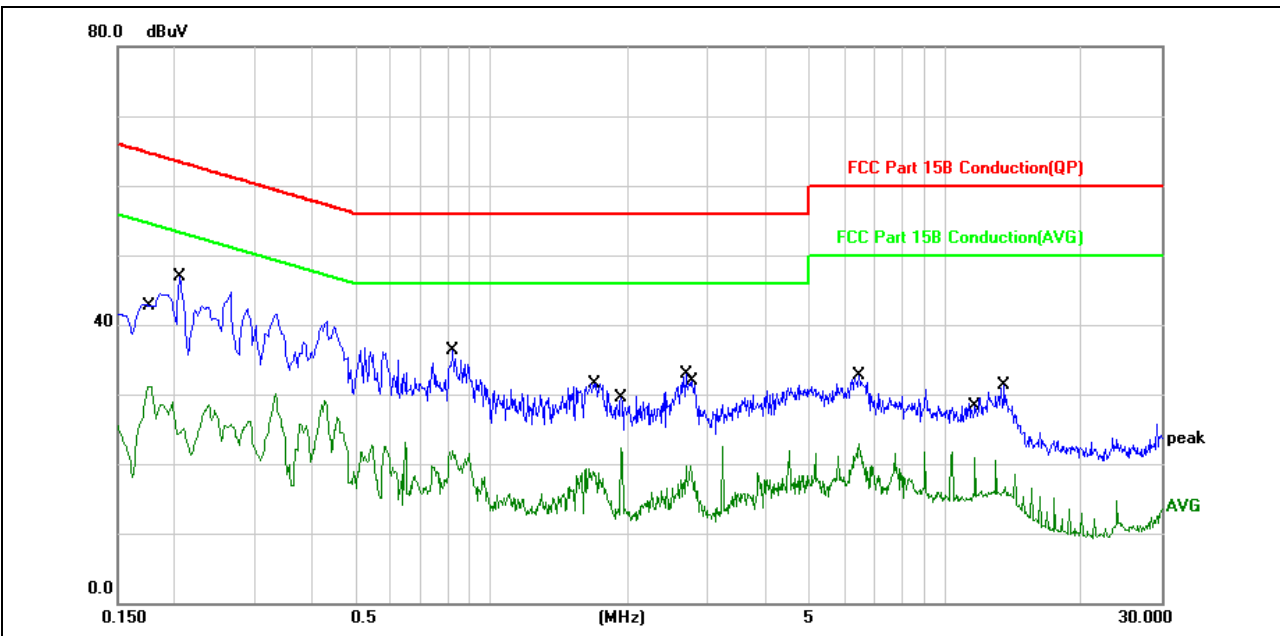
4.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

We pretest AC 120V , the worst voltage was AC 120V and the data recording in the report.

4.1.6 TEST RESULT

Temperature :	26°C	Relative Humidity:	54%
Pressure :	101kPa	Phase :	L
Test Voltage :	AC 120V/60Hz		

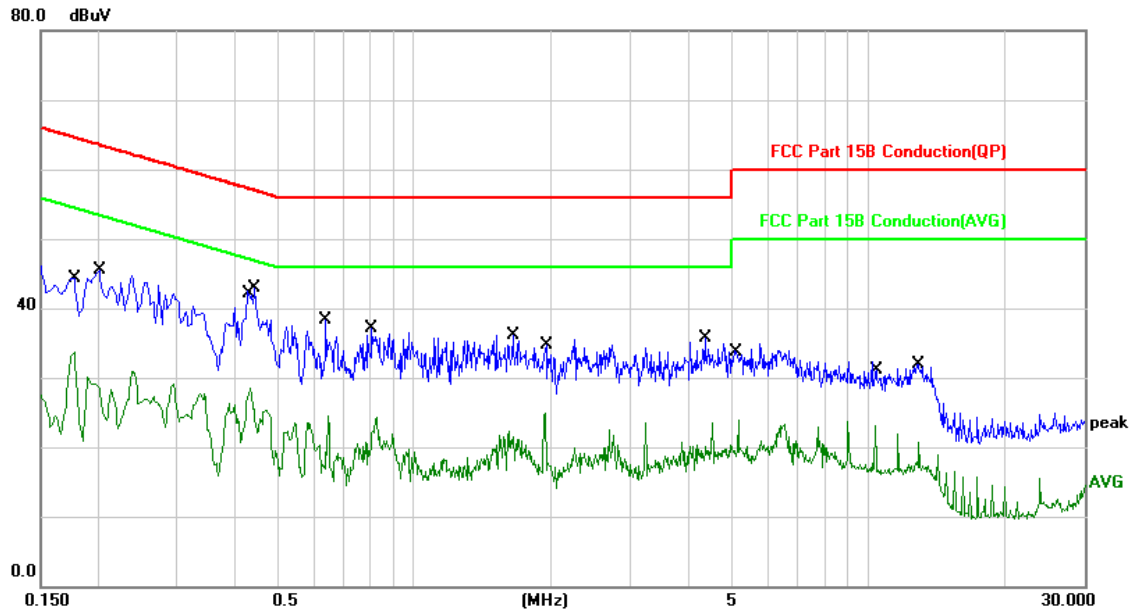


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1780	21.35	9.75	31.10	54.57	-23.47	AVG	
2	*	0.2060	37.14	9.75	46.89	63.36	-16.47	QP	
3		0.8260	26.43	9.80	36.23	56.00	-19.77	QP	
4		0.8260	12.09	9.80	21.89	46.00	-24.11	AVG	
5		1.6900	21.85	9.67	31.52	56.00	-24.48	QP	
6		1.9380	12.73	9.65	22.38	46.00	-23.62	AVG	
7		2.6860	23.20	9.71	32.91	56.00	-23.09	QP	
8		2.7540	10.08	9.71	19.79	46.00	-26.21	AVG	
9		6.4660	23.14	9.63	32.77	60.00	-27.23	QP	
10		6.4660	13.30	9.63	22.93	50.00	-27.07	AVG	
11		11.6340	11.09	9.77	20.86	50.00	-29.14	AVG	
12		13.4860	21.56	9.74	31.30	60.00	-28.70	QP	

Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Measurement Level = Reading level + Correct Factor

Temperature :	26°C	Relative Humidity:	54%
Pressure :	101kPa	Phase :	N
Test Voltage :	AC 120V/60Hz		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1780	24.02	9.75	33.77	54.57	-20.80	AVG	
2		0.2020	35.80	9.75	45.55	63.52	-17.97	QP	
3		0.4340	18.73	9.86	28.59	47.18	-18.59	AVG	
4	*	0.4460	33.11	9.86	42.97	56.95	-13.98	QP	
5		0.6460	14.57	9.83	24.40	46.00	-21.60	AVG	
6		0.8059	27.20	9.81	37.01	56.00	-18.99	QP	
7		1.6500	26.41	9.68	36.09	56.00	-19.91	QP	
8		1.9420	15.18	9.65	24.83	46.00	-21.17	AVG	
9		4.3620	26.05	9.67	35.72	56.00	-20.28	QP	
10		5.1779	14.16	9.65	23.81	50.00	-26.19	AVG	
11		10.3500	13.27	9.78	23.05	50.00	-26.95	AVG	
12		12.8820	22.15	9.76	31.91	60.00	-28.09	QP	

Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Measurement Level = Reading level + Correct Factor

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

1. Radiated emissions from 9 kHz to 25 GHz were measured according to the methods defines in ANSI C63.10-2013. The EUT was placed above the ground plane, 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz. The interface cable and equipment positions were varied within limits of reasonable applications to determine the positions producing maximum radiated emissions.
2. For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz .
3. For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz . Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.
4. For transmitters operating in the 5470-5600 MHz and 5650-5725 MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725 MHz band shall not exceed an EIRP of -27 dBm/MHz .
5. KDB789033v02r01G2)c) As specified in 15.407(b), emissions above 1000 MHz that are out side of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit.

According to §15.209(a), except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	$2400/F(\text{KHz})$	300
0.490~1.705	$24000/F(\text{KHz})$	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT

FREQUENCY (MHz)	Limit (dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

4.2.2 TEST PROCEDURE

Below 1GHz test procedure as below:

- a. The EUT was placed on the top of a rotating table 0.1 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of variable-height antenna tower.
- c. 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.
- d. 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.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. 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.

Above 1GHz test procedure as below:

- g. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change from table 0.8 metre to 1.5 metre (Above 18GHz the distance is 1 meter and table is 1.5 metre).
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel

Note:

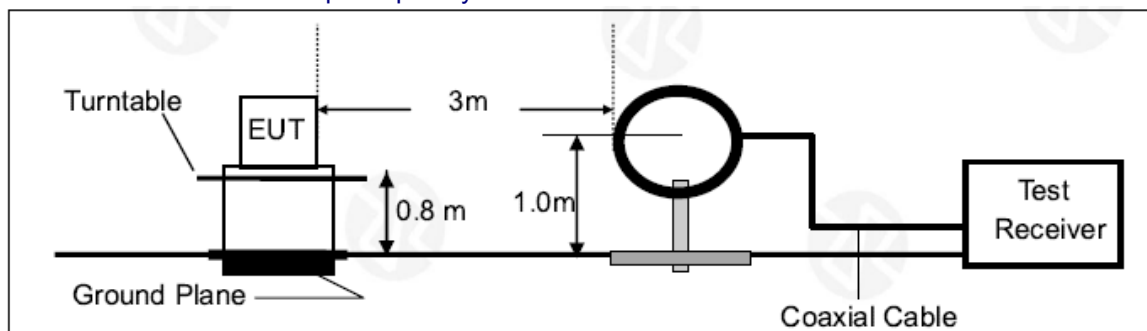
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

4.2.3 DEVIATION FROM TEST STANDARD

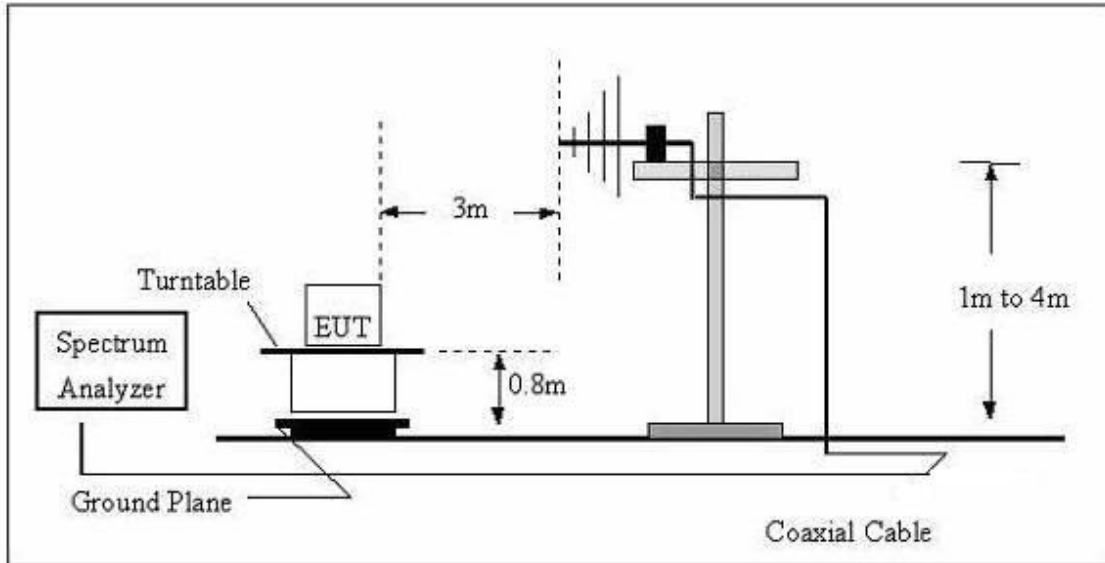
No deviation

4.2.4 TEST SETUP

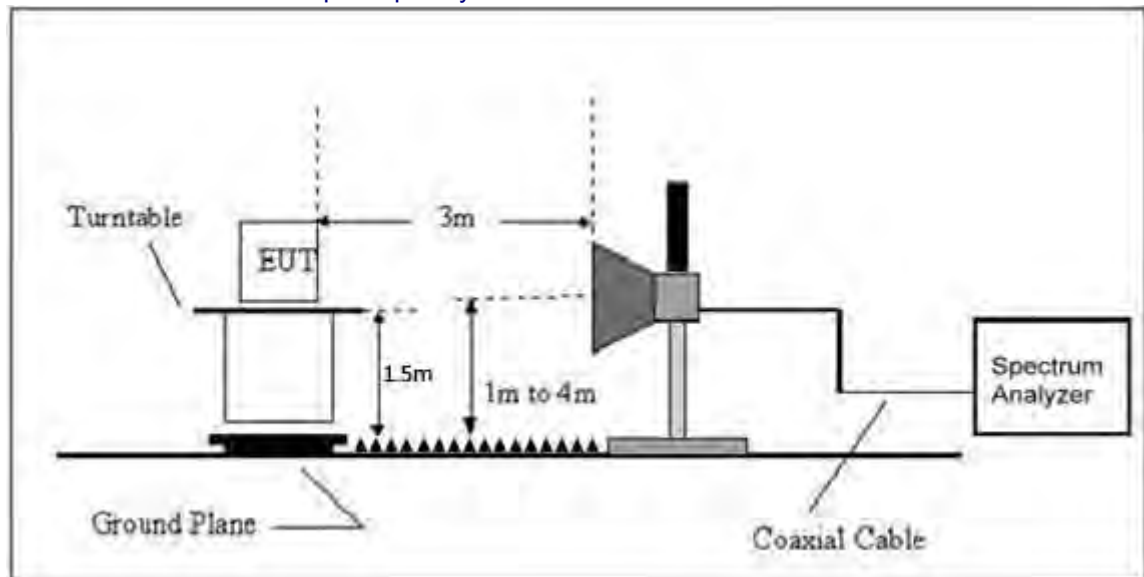
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



4.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

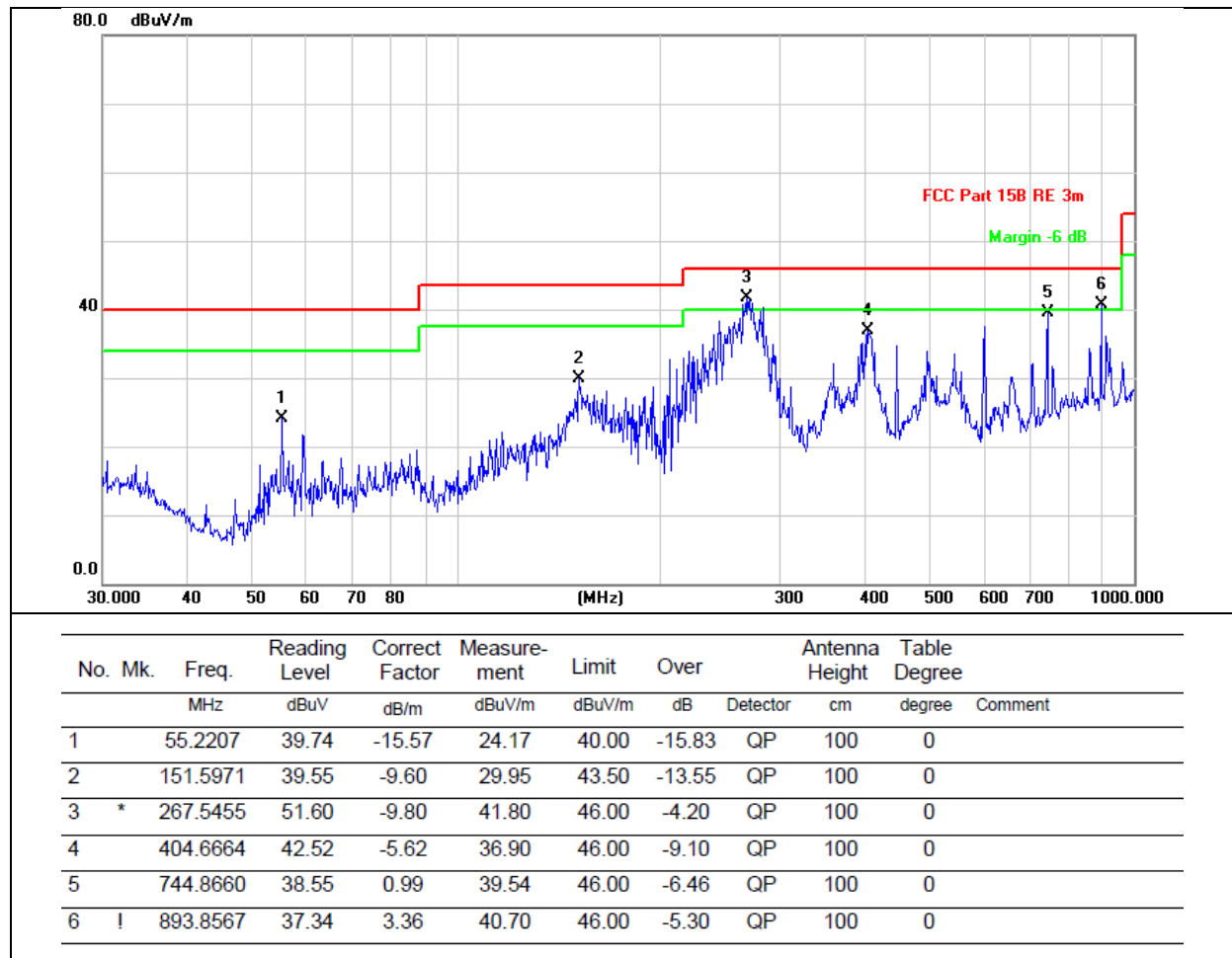
4.2.6 TEST RESULTS

Between 9KHz – 30MHz

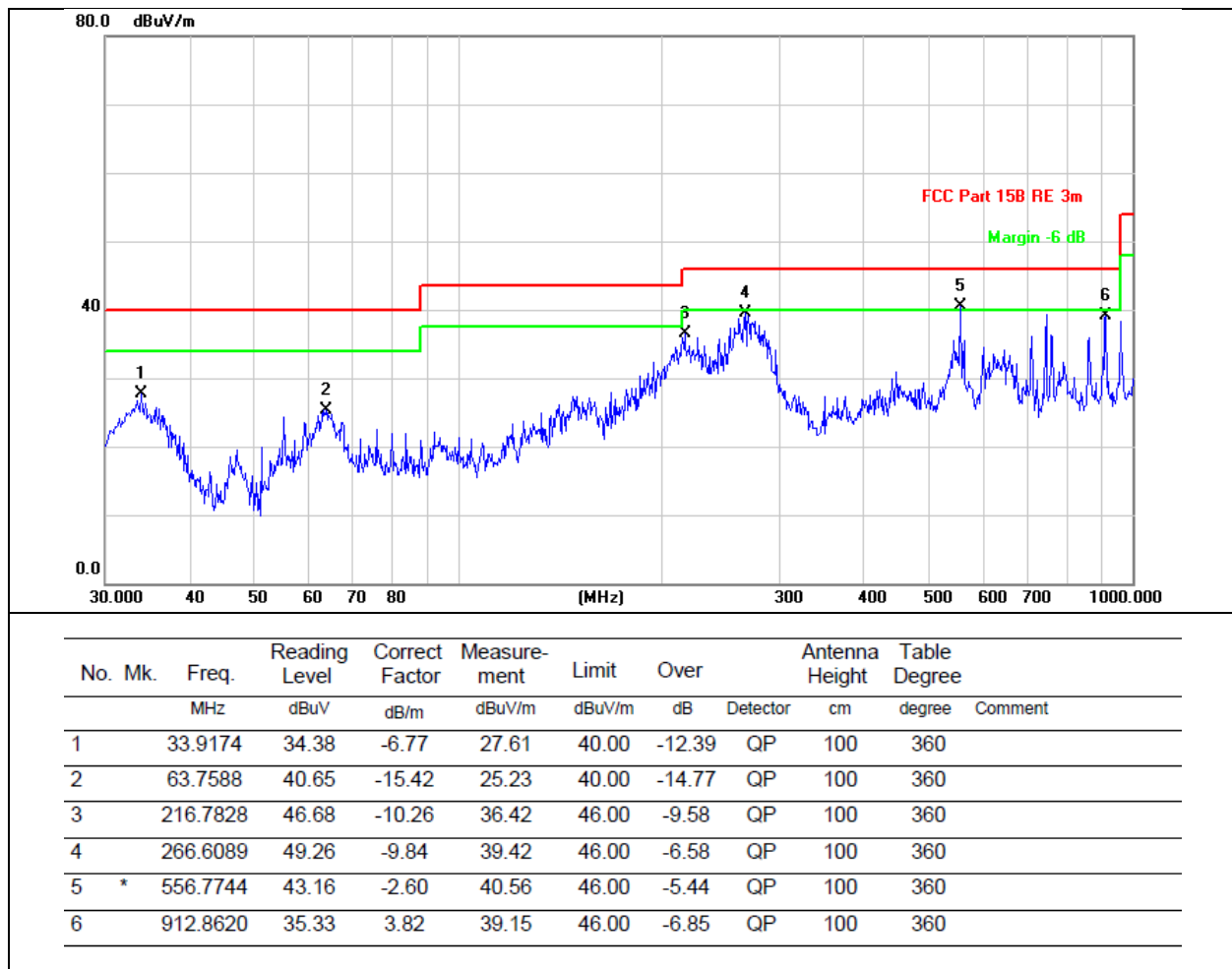
The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and according to 15.31(o) & RSS-Gen 6.13, the test result no need to reported.

Between 30MHz – 1GHz

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101 kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz		



Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz		



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Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:5180MHz									
V	10360	48.04	30.55	5.77	24.66	47.92	74.00	-26.08	PK
V	10360	34.31	30.55	5.77	24.66	34.19	54.00	-19.81	AV
V	15540	48.03	30.33	6.32	24.55	48.57	74.00	-25.43	PK
V	15540	40.05	30.33	6.32	24.55	40.59	54.00	-13.41	AV
V	20720	51.29	30.85	7.45	24.69	52.58	74.00	-21.42	PK
V	20720	39.60	30.85	7.45	24.69	40.89	54.00	-13.11	AV
H	10360	47.81	30.55	5.77	24.66	47.69	74.00	-26.31	PK
H	10360	40.68	30.55	5.77	24.66	40.56	54.00	-13.44	AV
H	15540	48.53	30.33	6.32	24.55	49.07	74.00	-24.93	PK
H	15540	40.12	30.33	6.32	24.55	40.66	54.00	-13.34	AV
H	20720	51.00	30.85	7.45	24.69	52.29	74.00	-21.71	PK
H	20720	41.09	30.85	7.45	24.69	42.38	54.00	-11.62	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:5200MHz									
V	10400	49.41	30.55	5.77	24.66	49.29	74.00	-24.71	PK
V	10400	34.97	30.55	5.77	24.66	34.85	54.00	-19.15	AV
V	15600	48.22	30.33	6.32	24.55	48.76	74.00	-25.24	PK
V	15600	39.45	30.33	6.32	24.55	39.99	54.00	-14.01	AV
V	20800	51.59	30.85	7.45	24.69	52.88	74.00	-21.12	PK
V	20800	41.14	30.85	7.45	24.69	42.43	54.00	-11.57	AV
H	10400	45.86	30.55	5.77	24.66	45.74	74.00	-28.26	PK
H	10400	39.29	30.55	5.77	24.66	39.17	54.00	-14.83	AV
H	15600	47.04	30.33	6.32	24.55	47.58	74.00	-26.42	PK
H	15600	39.02	30.33	6.32	24.55	39.56	54.00	-14.44	AV
H	20800	50.55	30.85	7.45	24.69	51.84	74.00	-22.16	PK
H	20800	40.55	30.85	7.45	24.69	41.84	54.00	-12.16	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5240MHz									
V	10480	47.24	30.55	5.77	24.66	47.12	74.00	-26.88	PK
V	10480	35.90	30.55	5.77	24.66	35.78	54.00	-18.22	AV
V	15720	49.24	30.33	6.32	24.55	49.78	74.00	-24.22	PK
V	15720	39.69	30.33	6.32	24.55	40.23	54.00	-13.77	AV
V	20960	48.81	30.85	7.45	24.69	50.10	74.00	-23.90	PK
V	20960	39.39	30.85	7.45	24.69	40.68	54.00	-13.32	AV
H	10480	48.02	30.55	5.77	24.66	47.90	74.00	-26.10	PK
H	10480	40.32	30.55	5.77	24.66	40.20	54.00	-13.80	AV
H	15720	48.35	30.33	6.32	24.55	48.89	74.00	-25.11	PK
H	15720	39.96	30.33	6.32	24.55	40.50	54.00	-13.50	AV
H	20960	51.75	30.85	7.45	24.69	53.04	74.00	-20.96	PK
H	20960	38.79	30.85	7.45	24.69	40.08	54.00	-13.92	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5745MHz									
V	11490	47.04	30.55	5.77	24.66	46.92	74.00	-27.08	PK
V	11490	33.79	30.55	5.77	24.66	33.67	54.00	-20.33	AV
V	17235	48.52	30.33	6.32	24.55	49.06	74.00	-24.94	PK
V	17235	39.21	30.33	6.32	24.55	39.75	54.00	-14.25	AV
V	22980	49.72	30.85	7.45	24.69	51.01	74.00	-22.99	PK
V	22980	39.90	30.85	7.45	24.69	41.19	54.00	-12.81	AV
H	11490	48.61	30.55	5.77	24.66	48.49	74.00	-25.51	PK
H	11490	39.18	30.55	5.77	24.66	39.06	54.00	-14.94	AV
H	17235	48.67	30.33	6.32	24.55	49.21	74.00	-24.79	PK
H	17235	41.10	30.33	6.32	24.55	41.64	54.00	-12.36	AV
H	22980	51.26	30.85	7.45	24.69	52.55	74.00	-21.45	PK
H	22980	40.86	30.85	7.45	24.69	42.15	54.00	-11.85	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5785MHz									
V	11570	48.34	30.55	5.77	24.66	48.22	74.00	-25.78	PK
V	11570	34.34	30.55	5.77	24.66	34.22	54.00	-19.78	AV
V	17355	49.22	30.33	6.32	24.55	49.76	74.00	-24.24	PK
V	17355	39.25	30.33	6.32	24.55	39.79	54.00	-14.21	AV
V	23140	50.32	30.85	7.45	24.69	51.61	74.00	-22.39	PK
V	23140	40.01	30.85	7.45	24.69	41.30	54.00	-12.70	AV
H	11570	46.27	30.55	5.77	24.66	46.15	74.00	-27.85	PK
H	11570	38.11	30.55	5.77	24.66	37.99	54.00	-16.01	AV
H	17355	48.39	30.33	6.32	24.55	48.93	74.00	-25.07	PK
H	17355	38.95	30.33	6.32	24.55	39.49	54.00	-14.51	AV
H	23140	49.06	30.85	7.45	24.69	50.35	74.00	-23.65	PK
H	23140	40.24	30.85	7.45	24.69	41.53	54.00	-12.47	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5825MHz									
V	11650	46.92	30.55	5.77	24.66	46.80	74.00	-27.20	PK
V	11650	34.88	30.55	5.77	24.66	34.76	54.00	-19.24	AV
V	17475	49.27	30.33	6.32	24.55	49.81	74.00	-24.19	PK
V	17475	40.15	30.33	6.32	24.55	40.69	54.00	-13.31	AV
V	23300	48.80	30.85	7.45	24.69	50.09	74.00	-23.91	PK
V	23300	39.85	30.85	7.45	24.69	41.14	54.00	-12.86	AV
H	11650	46.77	30.55	5.77	24.66	46.65	74.00	-27.35	PK
H	11650	38.69	30.55	5.77	24.66	38.57	54.00	-15.43	AV
H	17475	47.34	30.33	6.32	24.55	47.88	74.00	-26.12	PK
H	17475	40.24	30.33	6.32	24.55	40.78	54.00	-13.22	AV
H	23300	48.77	30.85	7.45	24.69	50.06	74.00	-23.94	PK
H	23300	40.61	30.85	7.45	24.69	41.90	54.00	-12.10	AV

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Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:5180MHz									
V	10360	47.44	30.55	5.77	24.66	47.32	74.00	-26.68	PK
V	10360	36.67	30.55	5.77	24.66	36.55	54.00	-17.45	AV
V	15540	48.13	30.33	6.32	24.55	48.67	74.00	-25.33	PK
V	15540	39.40	30.33	6.32	24.55	39.94	54.00	-14.06	AV
V	20720	49.16	30.85	7.45	24.69	50.45	74.00	-23.55	PK
V	20720	41.53	30.85	7.45	24.69	42.82	54.00	-11.18	AV
H	10360	47.00	30.55	5.77	24.66	46.88	74.00	-27.12	PK
H	10360	39.91	30.55	5.77	24.66	39.79	54.00	-14.21	AV
H	15540	47.47	30.33	6.32	24.55	48.01	74.00	-25.99	PK
H	15540	39.05	30.33	6.32	24.55	39.59	54.00	-14.41	AV
H	20720	49.76	30.85	7.45	24.69	51.05	74.00	-22.95	PK
H	20720	40.29	30.85	7.45	24.69	41.58	54.00	-12.42	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amp lifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:5200MHz									
V	10400	48.72	30.55	5.77	24.66	48.60	74.00	-25.40	PK
V	10400	35.28	30.55	5.77	24.66	35.16	54.00	-18.84	AV
V	15600	49.40	30.33	6.32	24.55	49.94	74.00	-24.06	PK
V	15600	39.67	30.33	6.32	24.55	40.21	54.00	-13.79	AV
V	20800	50.21	30.85	7.45	24.69	51.50	74.00	-22.50	PK
V	20800	41.10	30.85	7.45	24.69	42.39	54.00	-11.61	AV
H	10400	47.54	30.55	5.77	24.66	47.42	74.00	-26.58	PK
H	10400	40.52	30.55	5.77	24.66	40.40	54.00	-13.60	AV
H	15600	47.14	30.33	6.32	24.55	47.68	74.00	-26.32	PK
H	15600	40.42	30.33	6.32	24.55	40.96	54.00	-13.04	AV
H	20800	48.90	30.85	7.45	24.69	50.19	74.00	-23.81	PK
H	20800	39.76	30.85	7.45	24.69	41.05	54.00	-12.95	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5240MHz									
V	10480	47.92	30.55	5.77	24.66	47.80	74.00	-26.20	PK
V	10480	34.77	30.55	5.77	24.66	34.65	54.00	-19.35	AV
V	15720	49.30	30.33	6.32	24.55	49.84	74.00	-24.16	PK
V	15720	39.23	30.33	6.32	24.55	39.77	54.00	-14.23	AV
V	20960	51.47	30.85	7.45	24.69	52.76	74.00	-21.24	PK
V	20960	40.92	30.85	7.45	24.69	42.21	54.00	-11.79	AV
H	10480	47.86	30.55	5.77	24.66	47.74	74.00	-26.26	PK
H	10480	37.95	30.55	5.77	24.66	37.83	54.00	-16.17	AV
H	15720	48.14	30.33	6.32	24.55	48.68	74.00	-25.32	PK
H	15720	41.70	30.33	6.32	24.55	42.24	54.00	-11.76	AV
H	20960	49.96	30.85	7.45	24.69	51.25	74.00	-22.75	PK
H	20960	39.39	30.85	7.45	24.69	40.68	54.00	-13.32	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5745MHz									
V	11490	47.54	30.55	5.77	24.66	47.42	74.00	-26.58	PK
V	11490	35.79	30.55	5.77	24.66	35.67	54.00	-18.33	AV
V	17235	48.51	30.33	6.32	24.55	49.05	74.00	-24.95	PK
V	17235	40.81	30.33	6.32	24.55	41.35	54.00	-12.65	AV
V	22980	48.89	30.85	7.45	24.69	50.18	74.00	-23.82	PK
V	22980	40.45	30.85	7.45	24.69	41.74	54.00	-12.26	AV
H	11490	46.85	30.55	5.77	24.66	46.73	74.00	-27.27	PK
H	11490	39.96	30.55	5.77	24.66	39.84	54.00	-14.16	AV
H	17235	48.70	30.33	6.32	24.55	49.24	74.00	-24.76	PK
H	17235	40.72	30.33	6.32	24.55	41.26	54.00	-12.74	AV
H	22980	50.25	30.85	7.45	24.69	51.54	74.00	-22.46	PK
H	22980	39.38	30.85	7.45	24.69	40.67	54.00	-13.33	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5785MHz									
V	11570	48.47	30.55	5.77	24.66	48.35	74.00	-25.65	PK
V	11570	33.78	30.55	5.77	24.66	33.66	54.00	-20.34	AV
V	17355	48.29	30.33	6.32	24.55	48.83	74.00	-25.17	PK
V	17355	39.19	30.33	6.32	24.55	39.73	54.00	-14.27	AV
V	23140	51.69	30.85	7.45	24.69	52.98	74.00	-21.02	PK
V	23140	40.25	30.85	7.45	24.69	41.54	54.00	-12.46	AV
H	11570	46.39	30.55	5.77	24.66	46.27	74.00	-27.73	PK
H	11570	40.20	30.55	5.77	24.66	40.08	54.00	-13.92	AV
H	17355	47.51	30.33	6.32	24.55	48.05	74.00	-25.95	PK
H	17355	41.35	30.33	6.32	24.55	41.89	54.00	-12.11	AV
H	23140	50.65	30.85	7.45	24.69	51.94	74.00	-22.06	PK
H	23140	40.32	30.85	7.45	24.69	41.61	54.00	-12.39	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5825MHz									
V	11650	56.99	30.55	5.77	24.66	56.87	74.00	-17.13	PK
V	11650	40.15	30.55	5.77	24.66	40.03	54.00	-13.97	AV
V	17475	52.20	30.33	6.32	24.55	52.74	74.00	-21.26	PK
V	17475	39.95	30.33	6.32	24.55	40.49	54.00	-13.51	AV
V	23300	51.37	30.85	7.45	24.69	52.66	74.00	-21.34	PK
V	23300	39.72	30.85	7.45	24.69	41.01	54.00	-12.99	AV
H	11650	57.47	30.55	5.77	24.66	57.35	74.00	-16.65	PK
H	11650	41.09	30.55	5.77	24.66	40.97	54.00	-13.03	AV
H	17475	52.09	30.33	6.32	24.55	52.63	74.00	-21.37	PK
H	17475	39.04	30.33	6.32	24.55	39.58	54.00	-14.42	AV
H	23300	50.65	30.85	7.45	24.69	51.94	74.00	-22.06	PK
H	23300	40.31	30.85	7.45	24.69	41.60	54.00	-12.40	AV

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Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:5190MHz									
V	10360	56.23	30.55	5.77	24.66	56.11	74.00	-17.89	PK
V	10360	40.81	30.55	5.77	24.66	40.69	54.00	-13.31	AV
V	15540	52.38	30.33	6.32	24.55	52.92	74.00	-21.08	PK
V	15540	41.07	30.33	6.32	24.55	41.61	54.00	-12.39	AV
V	20720	48.80	30.85	7.45	24.69	50.09	74.00	-23.91	PK
V	20720	39.93	30.85	7.45	24.69	41.22	54.00	-12.78	AV
H	10360	56.37	30.55	5.77	24.66	56.25	74.00	-17.75	PK
H	10360	40.92	30.55	5.77	24.66	40.80	54.00	-13.20	AV
H	15540	51.90	30.33	6.32	24.55	52.44	74.00	-21.56	PK
H	15540	41.40	30.33	6.32	24.55	41.94	54.00	-12.06	AV
H	20720	49.95	30.85	7.45	24.69	51.24	74.00	-22.76	PK
H	20720	39.12	30.85	7.45	24.69	40.41	54.00	-13.59	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:5230MHz									
V	10460	56.63	30.55	5.77	24.66	56.51	74.00	-17.49	PK
V	10460	40.46	30.55	5.77	24.66	40.34	54.00	-13.66	AV
V	15690	52.67	30.33	6.32	24.55	53.21	74.00	-20.79	PK
V	15690	39.17	30.33	6.32	24.55	39.71	54.00	-14.29	AV
V	20920	51.59	30.85	7.45	24.69	52.88	74.00	-21.12	PK
V	20920	40.02	30.85	7.45	24.69	41.31	54.00	-12.69	AV
H	10460	57.15	30.55	5.77	24.66	57.03	74.00	-16.97	PK
H	10460	41.01	30.55	5.77	24.66	40.89	54.00	-13.11	AV
H	15690	52.90	30.33	6.32	24.55	53.44	74.00	-20.56	PK
H	15690	39.82	30.33	6.32	24.55	40.36	54.00	-13.64	AV
H	20920	51.32	30.85	7.45	24.69	52.61	74.00	-21.39	PK
H	20920	39.87	30.85	7.45	24.69	41.16	54.00	-12.84	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5755MHz									
V	11510	55.64	30.55	5.77	24.66	55.52	74.00	-18.48	PK
V	11510	39.54	30.55	5.77	24.66	39.42	54.00	-14.58	AV
V	17265	52.10	30.33	6.32	24.55	52.64	74.00	-21.36	PK
V	17265	39.82	30.33	6.32	24.55	40.36	54.00	-13.64	AV
V	23020	48.97	30.85	7.45	24.69	50.26	74.00	-23.74	PK
V	23020	41.16	30.85	7.45	24.69	42.45	54.00	-11.55	AV
H	11510	57.01	30.55	5.77	24.66	56.89	74.00	-17.11	PK
H	11510	42.50	30.55	5.77	24.66	42.38	54.00	-11.62	AV
H	17265	53.76	30.33	6.32	24.55	54.30	74.00	-19.70	PK
H	17265	40.04	30.33	6.32	24.55	40.58	54.00	-13.42	AV
H	23020	51.54	30.85	7.45	24.69	52.83	74.00	-21.17	PK
H	23020	41.45	30.85	7.45	24.69	42.74	54.00	-11.26	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5795MHz									
V	11590	56.93	30.55	5.77	24.66	56.81	74.00	-17.19	PK
V	11590	41.23	30.55	5.77	24.66	41.11	54.00	-12.89	AV
V	17385	51.79	30.33	6.32	24.55	52.33	74.00	-21.67	PK
V	17385	39.63	30.33	6.32	24.55	40.17	54.00	-13.83	AV
V	23180	50.98	30.85	7.45	24.69	52.27	74.00	-21.73	PK
V	23180	41.13	30.85	7.45	24.69	42.42	54.00	-11.58	AV
H	11590	55.57	30.55	5.77	24.66	55.45	74.00	-18.55	PK
H	11590	40.16	30.55	5.77	24.66	40.04	54.00	-13.96	AV
H	17385	51.90	30.33	6.32	24.55	52.44	74.00	-21.56	PK
H	17385	40.05	30.33	6.32	24.55	40.59	54.00	-13.41	AV
H	23180	50.64	30.85	7.45	24.69	51.93	74.00	-22.07	PK
H	23180	41.19	30.85	7.45	24.69	42.48	54.00	-11.52	AV

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier, Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

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Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:5180MHz									
V	10360	57.14	30.55	5.77	24.66	57.02	74.00	-16.98	PK
V	10360	41.04	30.55	5.77	24.66	40.92	54.00	-13.08	AV
V	15540	52.96	30.33	6.32	24.55	53.50	74.00	-20.50	PK
V	15540	40.47	30.33	6.32	24.55	41.01	54.00	-12.99	AV
V	20720	50.59	30.85	7.45	24.69	51.88	74.00	-22.12	PK
V	20720	38.94	30.85	7.45	24.69	40.23	54.00	-13.77	AV
H	10360	57.46	30.55	5.77	24.66	57.34	74.00	-16.66	PK
H	10360	42.23	30.55	5.77	24.66	42.11	54.00	-11.89	AV
H	15540	52.89	30.33	6.32	24.55	53.43	74.00	-20.57	PK
H	15540	41.36	30.33	6.32	24.55	41.90	54.00	-12.10	AV
H	20720	51.15	30.85	7.45	24.69	52.44	74.00	-21.56	PK
H	20720	39.74	30.85	7.45	24.69	41.03	54.00	-12.97	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amp lifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:5200MHz									
V	10400	55.57	30.55	5.77	24.66	55.45	74.00	-18.55	PK
V	10400	41.43	30.55	5.77	24.66	41.31	54.00	-12.69	AV
V	15600	51.99	30.33	6.32	24.55	52.53	74.00	-21.47	PK
V	15600	41.58	30.33	6.32	24.55	42.12	54.00	-11.88	AV
V	20800	48.77	30.85	7.45	24.69	50.06	74.00	-23.94	PK
V	20800	41.45	30.85	7.45	24.69	42.74	54.00	-11.26	AV
H	10400	57.00	30.55	5.77	24.66	56.88	74.00	-17.12	PK
H	10400	41.32	30.55	5.77	24.66	41.20	54.00	-12.80	AV
H	15600	53.70	30.33	6.32	24.55	54.24	74.00	-19.76	PK
H	15600	40.90	30.33	6.32	24.55	41.44	54.00	-12.56	AV
H	20800	49.69	30.85	7.45	24.69	50.98	74.00	-23.02	PK
H	20800	40.90	30.85	7.45	24.69	42.19	54.00	-11.81	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5240MHz									
V	10480	55.06	30.55	5.77	24.66	54.94	74.00	-19.06	PK
V	10480	40.55	30.55	5.77	24.66	40.43	54.00	-13.57	AV
V	15720	53.65	30.33	6.32	24.55	54.19	74.00	-19.81	PK
V	15720	40.89	30.33	6.32	24.55	41.43	54.00	-12.57	AV
V	20960	51.64	30.85	7.45	24.69	52.93	74.00	-21.07	PK
V	20960	40.53	30.85	7.45	24.69	41.82	54.00	-12.18	AV
H	10480	56.90	30.55	5.77	24.66	56.78	74.00	-17.22	PK
H	10480	41.40	30.55	5.77	24.66	41.28	54.00	-12.72	AV
H	15720	52.42	30.33	6.32	24.55	52.96	74.00	-21.04	PK
H	15720	39.62	30.33	6.32	24.55	40.16	54.00	-13.84	AV
H	20960	49.43	30.85	7.45	24.69	50.72	74.00	-23.28	PK
H	20960	39.82	30.85	7.45	24.69	41.11	54.00	-12.89	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5745MHz									
V	11490	55.51	30.55	5.77	24.66	55.39	74.00	-18.61	PK
V	11490	38.96	30.55	5.77	24.66	38.84	54.00	-15.16	AV
V	17235	53.37	30.33	6.32	24.55	53.91	74.00	-20.09	PK
V	17235	39.78	30.33	6.32	24.55	40.32	54.00	-13.68	AV
V	22980	49.19	30.85	7.45	24.69	50.48	74.00	-23.52	PK
V	22980	40.05	30.85	7.45	24.69	41.34	54.00	-12.66	AV
H	11490	55.63	30.55	5.77	24.66	55.51	74.00	-18.49	PK
H	11490	40.21	30.55	5.77	24.66	40.09	54.00	-13.91	AV
H	17235	51.81	30.33	6.32	24.55	52.35	74.00	-21.65	PK
H	17235	40.52	30.33	6.32	24.55	41.06	54.00	-12.94	AV
H	22980	49.53	30.85	7.45	24.69	50.82	74.00	-23.18	PK
H	22980	40.25	30.85	7.45	24.69	41.54	54.00	-12.46	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5785MHz									
V	11570	57.06	30.55	5.77	24.66	56.94	74.00	-17.06	PK
V	11570	40.00	30.55	5.77	24.66	39.88	54.00	-14.12	AV
V	17355	53.05	30.33	6.32	24.55	53.59	74.00	-20.41	PK
V	17355	40.20	30.33	6.32	24.55	40.74	54.00	-13.26	AV
V	23140	51.06	30.85	7.45	24.69	52.35	74.00	-21.65	PK
V	23140	40.90	30.85	7.45	24.69	42.19	54.00	-11.81	AV
H	11570	55.91	30.55	5.77	24.66	55.79	74.00	-18.21	PK
H	11570	40.76	30.55	5.77	24.66	40.64	54.00	-13.36	AV
H	17355	51.92	30.33	6.32	24.55	52.46	74.00	-21.54	PK
H	17355	41.26	30.33	6.32	24.55	41.80	54.00	-12.20	AV
H	23140	51.52	30.85	7.45	24.69	52.81	74.00	-21.19	PK
H	23140	41.65	30.85	7.45	24.69	42.94	54.00	-11.06	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5825MHz									
V	11650	56.87	30.55	5.77	24.66	56.75	74.00	-17.25	PK
V	11650	40.14	30.55	5.77	24.66	40.02	54.00	-13.98	AV
V	17475	52.83	30.33	6.32	24.55	53.37	74.00	-20.63	PK
V	17475	41.48	30.33	6.32	24.55	42.02	54.00	-11.98	AV
V	23300	51.42	30.85	7.45	24.69	52.71	74.00	-21.29	PK
V	23300	39.88	30.85	7.45	24.69	41.17	54.00	-12.83	AV
H	11650	55.27	30.55	5.77	24.66	55.15	74.00	-18.85	PK
H	11650	41.81	30.55	5.77	24.66	41.69	54.00	-12.31	AV
H	17475	53.24	30.33	6.32	24.55	53.78	74.00	-20.22	PK
H	17475	38.90	30.33	6.32	24.55	39.44	54.00	-14.56	AV
H	23300	50.76	30.85	7.45	24.69	52.05	74.00	-21.95	PK
H	23300	39.86	30.85	7.45	24.69	41.15	54.00	-12.85	AV

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Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:5190MHz									
V	10360	56.84	30.55	5.77	24.66	56.72	74.00	-17.28	PK
V	10360	41.23	30.55	5.77	24.66	41.11	54.00	-12.89	AV
V	15540	53.75	30.33	6.32	24.55	54.29	74.00	-19.71	PK
V	15540	41.49	30.33	6.32	24.55	42.03	54.00	-11.97	AV
V	20720	50.81	30.85	7.45	24.69	52.10	74.00	-21.90	PK
V	20720	41.69	30.85	7.45	24.69	42.98	54.00	-11.02	AV
H	10360	55.14	30.55	5.77	24.66	55.02	74.00	-18.98	PK
H	10360	40.97	30.55	5.77	24.66	40.85	54.00	-13.15	AV
H	15540	52.48	30.33	6.32	24.55	53.02	74.00	-20.98	PK
H	15540	40.12	30.33	6.32	24.55	40.66	54.00	-13.34	AV
H	20720	50.90	30.85	7.45	24.69	52.19	74.00	-21.81	PK
H	20720	41.69	30.85	7.45	24.69	42.98	54.00	-11.02	AV

Polar (H/V)	Frequenc y	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:5230MHz									
V	10460	56.98	30.55	5.77	24.66	56.86	74.00	-17.14	PK
V	10460	39.17	30.55	5.77	24.66	39.05	54.00	-14.95	AV
V	15690	52.53	30.33	6.32	24.55	53.07	74.00	-20.93	PK
V	15690	39.01	30.33	6.32	24.55	39.55	54.00	-14.45	AV
V	20920	49.81	30.85	7.45	24.69	51.10	74.00	-22.90	PK
V	20920	39.23	30.85	7.45	24.69	40.52	54.00	-13.48	AV
H	10460	55.61	30.55	5.77	24.66	55.49	74.00	-18.51	PK
H	10460	40.58	30.55	5.77	24.66	40.46	54.00	-13.54	AV
H	15690	52.47	30.33	6.32	24.55	53.01	74.00	-20.99	PK
H	15690	40.64	30.33	6.32	24.55	41.18	54.00	-12.82	AV
H	20920	50.69	30.85	7.45	24.69	51.98	74.00	-22.02	PK
H	20920	40.04	30.85	7.45	24.69	41.33	54.00	-12.67	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5755MHz									
V	11510	57.55	30.55	5.77	24.66	57.43	74.00	-16.57	PK
V	11510	41.65	30.55	5.77	24.66	41.53	54.00	-12.47	AV
V	17265	53.59	30.33	6.32	24.55	54.13	74.00	-19.87	PK
V	17265	40.19	30.33	6.32	24.55	40.73	54.00	-13.27	AV
V	23020	49.47	30.85	7.45	24.69	50.76	74.00	-23.24	PK
V	23020	40.39	30.85	7.45	24.69	41.68	54.00	-12.32	AV
H	11510	54.99	30.55	5.77	24.66	54.87	74.00	-19.13	PK
H	11510	42.27	30.55	5.77	24.66	42.15	54.00	-11.85	AV
H	17265	52.01	30.33	6.32	24.55	52.55	74.00	-21.45	PK
H	17265	41.44	30.33	6.32	24.55	41.98	54.00	-12.02	AV
H	23020	50.38	30.85	7.45	24.69	51.67	74.00	-22.33	PK
H	23020	39.53	30.85	7.45	24.69	40.82	54.00	-13.18	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
High Channel:5795MHz									
V	11510	56.56	30.55	5.77	24.66	56.44	74.00	-17.56	PK
V	11510	39.57	30.55	5.77	24.66	39.45	54.00	-14.55	AV
V	17265	52.62	30.33	6.32	24.55	53.16	74.00	-20.84	PK
V	17265	39.08	30.33	6.32	24.55	39.62	54.00	-14.38	AV
V	23020	50.19	30.85	7.45	24.69	51.48	74.00	-22.52	PK
V	23020	39.41	30.85	7.45	24.69	40.70	54.00	-13.30	AV
H	11510	57.11	30.55	5.77	24.66	56.99	74.00	-17.01	PK
H	11510	42.74	30.55	5.77	24.66	42.62	54.00	-11.38	AV
H	17265	52.25	30.33	6.32	24.55	52.79	74.00	-21.21	PK
H	17265	40.66	30.33	6.32	24.55	41.20	54.00	-12.80	AV
H	23020	48.90	30.85	7.45	24.69	50.19	74.00	-23.81	PK
H	23020	41.17	30.85	7.45	24.69	42.46	54.00	-11.54	AV

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Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
5210MHz									
V	10420	56.74	30.55	5.77	24.66	56.62	74.00	-17.38	PK
V	10420	40.09	30.55	5.77	24.66	39.97	54.00	-14.03	AV
V	15630	53.34	30.33	6.32	24.55	53.88	74.00	-20.12	PK
V	15630	39.59	30.33	6.32	24.55	40.13	54.00	-13.87	AV
V	20840	49.18	30.85	7.45	24.69	50.47	74.00	-23.53	PK
V	20840	41.63	30.85	7.45	24.69	42.92	54.00	-11.08	AV
H	10420	55.25	30.55	5.77	24.66	55.13	74.00	-18.87	PK
H	10420	42.61	30.55	5.77	24.66	42.49	54.00	-11.51	AV
H	15630	52.56	30.33	6.32	24.55	53.10	74.00	-20.90	PK
H	15630	40.29	30.33	6.32	24.55	40.83	54.00	-13.17	AV
H	20840	49.90	30.85	7.45	24.69	51.19	74.00	-22.81	PK
H	20840	41.30	30.85	7.45	24.69	42.59	54.00	-11.41	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
High Channel:5775MHz									
V	11550	55.35	30.55	5.77	24.66	55.23	74.00	-18.77	PK
V	11550	39.07	30.55	5.77	24.66	38.95	54.00	-15.05	AV
V	17325	53.49	30.33	6.32	24.55	54.03	74.00	-19.97	PK
V	17325	39.08	30.33	6.32	24.55	39.62	54.00	-14.38	AV
V	23100	50.61	30.85	7.45	24.69	51.90	74.00	-22.10	PK
V	23100	41.16	30.85	7.45	24.69	42.45	54.00	-11.55	AV
H	11550	57.72	30.55	5.77	24.66	57.60	74.00	-16.40	PK
H	11550	41.86	30.55	5.77	24.66	41.74	54.00	-12.26	AV
H	17325	52.48	30.33	6.32	24.55	53.02	74.00	-20.98	PK
H	17325	40.90	30.33	6.32	24.55	41.44	54.00	-12.56	AV
H	23100	49.41	30.85	7.45	24.69	50.70	74.00	-23.30	PK
H	23100	40.41	30.85	7.45	24.69	41.70	54.00	-12.30	AV

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Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:5180MHz									
V	10360	56.33	30.55	5.77	24.66	56.21	74.00	-17.79	PK
V	10360	39.24	30.55	5.77	24.66	39.12	54.00	-14.88	AV
V	15540	51.84	30.33	6.32	24.55	52.38	74.00	-21.62	PK
V	15540	40.58	30.33	6.32	24.55	41.12	54.00	-12.88	AV
V	20720	49.12	30.85	7.45	24.69	50.41	74.00	-23.59	PK
V	20720	40.63	30.85	7.45	24.69	41.92	54.00	-12.08	AV
H	10360	56.08	30.55	5.77	24.66	55.96	74.00	-18.04	PK
H	10360	40.51	30.55	5.77	24.66	40.39	54.00	-13.61	AV
H	15540	53.06	30.33	6.32	24.55	53.60	74.00	-20.40	PK
H	15540	41.18	30.33	6.32	24.55	41.72	54.00	-12.28	AV
H	20720	50.85	30.85	7.45	24.69	52.14	74.00	-21.86	PK
H	20720	39.07	30.85	7.45	24.69	40.36	54.00	-13.64	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:5200MHz									
V	10400	57.11	30.55	5.77	24.66	56.99	74.00	-17.01	PK
V	10400	41.28	30.55	5.77	24.66	41.16	54.00	-12.84	AV
V	15600	53.24	30.33	6.32	24.55	53.78	74.00	-20.22	PK
V	15600	39.88	30.33	6.32	24.55	40.42	54.00	-13.58	AV
V	20800	49.15	30.85	7.45	24.69	50.44	74.00	-23.56	PK
V	20800	38.77	30.85	7.45	24.69	40.06	54.00	-13.94	AV
H	10400	55.39	30.55	5.77	24.66	55.27	74.00	-18.73	PK
H	10400	41.27	30.55	5.77	24.66	41.15	54.00	-12.85	AV
H	15600	53.38	30.33	6.32	24.55	53.92	74.00	-20.08	PK
H	15600	40.46	30.33	6.32	24.55	41.00	54.00	-13.00	AV
H	20800	51.55	30.85	7.45	24.69	52.84	74.00	-21.16	PK
H	20800	39.27	30.85	7.45	24.69	40.56	54.00	-13.44	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5240MHz									
V	10480	55.48	30.55	5.77	24.66	55.36	74.00	-18.64	PK
V	10480	39.59	30.55	5.77	24.66	39.47	54.00	-14.53	AV
V	15720	52.21	30.33	6.32	24.55	52.75	74.00	-21.25	PK
V	15720	39.13	30.33	6.32	24.55	39.67	54.00	-14.33	AV
V	20960	51.20	30.85	7.45	24.69	52.49	74.00	-21.51	PK
V	20960	40.64	30.85	7.45	24.69	41.93	54.00	-12.07	AV
H	10480	56.36	30.55	5.77	24.66	56.24	74.00	-17.76	PK
H	10480	42.11	30.55	5.77	24.66	41.99	54.00	-12.01	AV
H	15720	52.48	30.33	6.32	24.55	53.02	74.00	-20.98	PK
H	15720	40.33	30.33	6.32	24.55	40.87	54.00	-13.13	AV
H	20960	49.42	30.85	7.45	24.69	50.71	74.00	-23.29	PK
H	20960	41.06	30.85	7.45	24.69	42.35	54.00	-11.65	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5745MHz									
V	11490	54.81	30.55	5.77	24.66	54.69	74.00	-19.31	PK
V	11490	41.58	30.55	5.77	24.66	41.46	54.00	-12.54	AV
V	17235	53.29	30.33	6.32	24.55	53.83	74.00	-20.17	PK
V	17235	39.25	30.33	6.32	24.55	39.79	54.00	-14.21	AV
V	22980	49.81	30.85	7.45	24.69	51.10	74.00	-22.90	PK
V	22980	41.38	30.85	7.45	24.69	42.67	54.00	-11.33	AV
H	11490	57.56	30.55	5.77	24.66	57.44	74.00	-16.56	PK
H	11490	41.03	30.55	5.77	24.66	40.91	54.00	-13.09	AV
H	17235	52.16	30.33	6.32	24.55	52.70	74.00	-21.30	PK
H	17235	39.39	30.33	6.32	24.55	39.93	54.00	-14.07	AV
H	22980	51.61	30.85	7.45	24.69	52.90	74.00	-21.10	PK
H	22980	41.04	30.85	7.45	24.69	42.33	54.00	-11.67	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5785MHz									
V	11570	56.54	30.55	5.77	24.66	56.42	74.00	-17.58	PK
V	11570	39.75	30.55	5.77	24.66	39.63	54.00	-14.37	AV
V	17355	52.84	30.33	6.32	24.55	53.38	74.00	-20.62	PK
V	17355	40.77	30.33	6.32	24.55	41.31	54.00	-12.69	AV
V	23140	51.73	30.85	7.45	24.69	53.02	74.00	-20.98	PK
V	23140	41.07	30.85	7.45	24.69	42.36	54.00	-11.64	AV
H	11570	55.69	30.55	5.77	24.66	55.57	74.00	-18.43	PK
H	11570	40.30	30.55	5.77	24.66	40.18	54.00	-13.82	AV
H	17355	53.34	30.33	6.32	24.55	53.88	74.00	-20.12	PK
H	17355	41.72	30.33	6.32	24.55	42.26	54.00	-11.74	AV
H	23140	51.04	30.85	7.45	24.69	52.33	74.00	-21.67	PK
H	23140	41.16	30.85	7.45	24.69	42.45	54.00	-11.55	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5825MHz									
V	11650	55.36	30.55	5.77	24.66	55.24	74.00	-18.76	PK
V	11650	40.21	30.55	5.77	24.66	40.09	54.00	-13.91	AV
V	17475	53.49	30.33	6.32	24.55	54.03	74.00	-19.97	PK
V	17475	39.49	30.33	6.32	24.55	40.03	54.00	-13.97	AV
V	23300	50.31	30.85	7.45	24.69	51.60	74.00	-22.40	PK
V	23300	40.75	30.85	7.45	24.69	42.04	54.00	-11.96	AV
H	11650	56.14	30.55	5.77	24.66	56.02	74.00	-17.98	PK
H	11650	42.56	30.55	5.77	24.66	42.44	54.00	-11.56	AV
H	17475	53.70	30.33	6.32	24.55	54.24	74.00	-19.76	PK
H	17475	39.57	30.33	6.32	24.55	40.11	54.00	-13.89	AV
H	23300	49.10	30.85	7.45	24.69	50.39	74.00	-23.61	PK
H	23300	40.73	30.85	7.45	24.69	42.02	54.00	-11.98	AV

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Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:5180MHz									
V	10360	55.56	30.55	5.77	24.66	55.44	74.00	-18.56	PK
V	10360	40.63	30.55	5.77	24.66	40.51	54.00	-13.49	AV
V	15540	53.38	30.33	6.32	24.55	53.92	74.00	-20.08	PK
V	15540	40.92	30.33	6.32	24.55	41.46	54.00	-12.54	AV
V	20720	50.96	30.85	7.45	24.69	52.25	74.00	-21.75	PK
V	20720	40.94	30.85	7.45	24.69	42.23	54.00	-11.77	AV
H	10360	55.37	30.55	5.77	24.66	55.25	74.00	-18.75	PK
H	10360	40.04	30.55	5.77	24.66	39.92	54.00	-14.08	AV
H	15540	52.22	30.33	6.32	24.55	52.76	74.00	-21.24	PK
H	15540	40.65	30.33	6.32	24.55	41.19	54.00	-12.81	AV
H	20720	50.87	30.85	7.45	24.69	52.16	74.00	-21.84	PK
H	20720	40.49	30.85	7.45	24.69	41.78	54.00	-12.22	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amp lifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:5200MHz									
V	10400	56.03	30.55	5.77	24.66	55.91	74.00	-18.09	PK
V	10400	38.80	30.55	5.77	24.66	38.68	54.00	-15.32	AV
V	15600	51.99	30.33	6.32	24.55	52.53	74.00	-21.47	PK
V	15600	41.38	30.33	6.32	24.55	41.92	54.00	-12.08	AV
V	20800	49.61	30.85	7.45	24.69	50.90	74.00	-23.10	PK
V	20800	41.38	30.85	7.45	24.69	42.67	54.00	-11.33	AV
H	10400	55.04	30.55	5.77	24.66	54.92	74.00	-19.08	PK
H	10400	42.56	30.55	5.77	24.66	42.44	54.00	-11.56	AV
H	15600	51.97	30.33	6.32	24.55	52.51	74.00	-21.49	PK
H	15600	40.10	30.33	6.32	24.55	40.64	54.00	-13.36	AV
H	20800	49.77	30.85	7.45	24.69	51.06	74.00	-22.94	PK
H	20800	41.59	30.85	7.45	24.69	42.88	54.00	-11.12	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5240MHz									
V	10480	56.86	30.55	5.77	24.66	56.74	74.00	-17.26	PK
V	10480	41.27	30.55	5.77	24.66	41.15	54.00	-12.85	AV
V	15720	52.25	30.33	6.32	24.55	52.79	74.00	-21.21	PK
V	15720	39.81	30.33	6.32	24.55	40.35	54.00	-13.65	AV
V	20960	49.21	30.85	7.45	24.69	50.50	74.00	-23.50	PK
V	20960	41.75	30.85	7.45	24.69	43.04	54.00	-10.96	AV
H	10480	56.89	30.55	5.77	24.66	56.77	74.00	-17.23	PK
H	10480	41.19	30.55	5.77	24.66	41.07	54.00	-12.93	AV
H	15720	52.57	30.33	6.32	24.55	53.11	74.00	-20.89	PK
H	15720	38.85	30.33	6.32	24.55	39.39	54.00	-14.61	AV
H	20960	49.26	30.85	7.45	24.69	50.55	74.00	-23.45	PK
H	20960	40.42	30.85	7.45	24.69	41.71	54.00	-12.29	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5745MHz									
V	11490	55.25	30.55	5.77	24.66	55.13	74.00	-18.87	PK
V	11490	40.59	30.55	5.77	24.66	40.47	54.00	-13.53	AV
V	17235	52.03	30.33	6.32	24.55	52.57	74.00	-21.43	PK
V	17235	38.95	30.33	6.32	24.55	39.49	54.00	-14.51	AV
V	22980	50.43	30.85	7.45	24.69	51.72	74.00	-22.28	PK
V	22980	39.01	30.85	7.45	24.69	40.30	54.00	-13.70	AV
H	11490	56.53	30.55	5.77	24.66	56.41	74.00	-17.59	PK
H	11490	40.23	30.55	5.77	24.66	40.11	54.00	-13.89	AV
H	17235	53.75	30.33	6.32	24.55	54.29	74.00	-19.71	PK
H	17235	40.79	30.33	6.32	24.55	41.33	54.00	-12.67	AV
H	22980	49.57	30.85	7.45	24.69	50.86	74.00	-23.14	PK
H	22980	41.36	30.85	7.45	24.69	42.65	54.00	-11.35	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5785MHz									
V	11570	57.39	30.55	5.77	24.66	57.27	74.00	-16.73	PK
V	11570	40.59	30.55	5.77	24.66	40.47	54.00	-13.53	AV
V	17355	52.80	30.33	6.32	24.55	53.34	74.00	-20.66	PK
V	17355	41.40	30.33	6.32	24.55	41.94	54.00	-12.06	AV
V	23140	51.53	30.85	7.45	24.69	52.82	74.00	-21.18	PK
V	23140	39.87	30.85	7.45	24.69	41.16	54.00	-12.84	AV
H	11570	55.89	30.55	5.77	24.66	55.77	74.00	-18.23	PK
H	11570	42.15	30.55	5.77	24.66	42.03	54.00	-11.97	AV
H	17355	52.32	30.33	6.32	24.55	52.86	74.00	-21.14	PK
H	17355	39.19	30.33	6.32	24.55	39.73	54.00	-14.27	AV
H	23140	50.17	30.85	7.45	24.69	51.46	74.00	-22.54	PK
H	23140	39.93	30.85	7.45	24.69	41.22	54.00	-12.78	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5825MHz									
V	11650	57.36	30.55	5.77	24.66	57.24	74.00	-16.76	PK
V	11650	41.16	30.55	5.77	24.66	41.04	54.00	-12.96	AV
V	17475	53.66	30.33	6.32	24.55	54.20	74.00	-19.80	PK
V	17475	39.70	30.33	6.32	24.55	40.24	54.00	-13.76	AV
V	23300	50.76	30.85	7.45	24.69	52.05	74.00	-21.95	PK
V	23300	40.66	30.85	7.45	24.69	41.95	54.00	-12.05	AV
H	11650	55.19	30.55	5.77	24.66	55.07	74.00	-18.93	PK
H	11650	40.85	30.55	5.77	24.66	40.73	54.00	-13.27	AV
H	17475	52.98	30.33	6.32	24.55	53.52	74.00	-20.48	PK
H	17475	41.31	30.33	6.32	24.55	41.85	54.00	-12.15	AV
H	23300	50.94	30.85	7.45	24.69	52.23	74.00	-21.77	PK
H	23300	40.08	30.85	7.45	24.69	41.37	54.00	-12.63	AV

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Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:5190MHz									
V	10360	55.00	30.55	5.77	24.66	54.88	74.00	-19.12	PK
V	10360	39.24	30.55	5.77	24.66	39.12	54.00	-14.88	AV
V	15540	53.49	30.33	6.32	24.55	54.03	74.00	-19.97	PK
V	15540	40.47	30.33	6.32	24.55	41.01	54.00	-12.99	AV
V	20720	49.97	30.85	7.45	24.69	51.26	74.00	-22.74	PK
V	20720	40.38	30.85	7.45	24.69	41.67	54.00	-12.33	AV
H	10360	54.82	30.55	5.77	24.66	54.70	74.00	-19.30	PK
H	10360	40.36	30.55	5.77	24.66	40.24	54.00	-13.76	AV
H	15540	52.28	30.33	6.32	24.55	52.82	74.00	-21.18	PK
H	15540	41.73	30.33	6.32	24.55	42.27	54.00	-11.73	AV
H	20720	50.70	30.85	7.45	24.69	51.99	74.00	-22.01	PK
H	20720	40.00	30.85	7.45	24.69	41.29	54.00	-12.71	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:5230MHz									
V	10460	55.10	30.55	5.77	24.66	54.98	74.00	-19.02	PK
V	10460	39.62	30.55	5.77	24.66	39.50	54.00	-14.50	AV
V	15690	53.00	30.33	6.32	24.55	53.54	74.00	-20.46	PK
V	15690	39.56	30.33	6.32	24.55	40.10	54.00	-13.90	AV
V	20920	48.78	30.85	7.45	24.69	50.07	74.00	-23.93	PK
V	20920	40.18	30.85	7.45	24.69	41.47	54.00	-12.53	AV
H	10460	56.89	30.55	5.77	24.66	56.77	74.00	-17.23	PK
H	10460	40.88	30.55	5.77	24.66	40.76	54.00	-13.24	AV
H	15690	53.58	30.33	6.32	24.55	54.12	74.00	-19.88	PK
H	15690	41.26	30.33	6.32	24.55	41.80	54.00	-12.20	AV
H	20920	51.03	30.85	7.45	24.69	52.32	74.00	-21.68	PK
H	20920	40.38	30.85	7.45	24.69	41.67	54.00	-12.33	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5755MHz									
V	11510	56.50	30.55	5.77	24.66	56.38	74.00	-17.62	PK
V	11510	40.15	30.55	5.77	24.66	40.03	54.00	-13.97	AV
V	17265	52.88	30.33	6.32	24.55	53.42	74.00	-20.58	PK
V	17265	40.49	30.33	6.32	24.55	41.03	54.00	-12.97	AV
V	23020	51.38	30.85	7.45	24.69	52.67	74.00	-21.33	PK
V	23020	38.79	30.85	7.45	24.69	40.08	54.00	-13.92	AV
H	11510	56.19	30.55	5.77	24.66	56.07	74.00	-17.93	PK
H	11510	40.45	30.55	5.77	24.66	40.33	54.00	-13.67	AV
H	17265	52.10	30.33	6.32	24.55	52.64	74.00	-21.36	PK
H	17265	40.86	30.33	6.32	24.55	41.40	54.00	-12.60	AV
H	23020	48.84	30.85	7.45	24.69	50.13	74.00	-23.87	PK
H	23020	39.61	30.85	7.45	24.69	40.90	54.00	-13.10	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5795MHz									
V	11590	56.78	30.55	5.77	24.66	56.66	74.00	-17.34	PK
V	11590	40.98	30.55	5.77	24.66	40.86	54.00	-13.14	AV
V	17385	53.17	30.33	6.32	24.55	53.71	74.00	-20.29	PK
V	17385	41.21	30.33	6.32	24.55	41.75	54.00	-12.25	AV
V	23180	49.79	30.85	7.45	24.69	51.08	74.00	-22.92	PK
V	23180	39.73	30.85	7.45	24.69	41.02	54.00	-12.98	AV
H	11590	56.59	30.55	5.77	24.66	56.47	74.00	-17.53	PK
H	11590	42.58	30.55	5.77	24.66	42.46	54.00	-11.54	AV
H	17385	51.87	30.33	6.32	24.55	52.41	74.00	-21.59	PK
H	17385	38.99	30.33	6.32	24.55	39.53	54.00	-14.47	AV
H	23180	49.31	30.85	7.45	24.69	50.60	74.00	-23.40	PK
H	23180	40.06	30.85	7.45	24.69	41.35	54.00	-12.65	AV

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier,
Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

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Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:5180MHz									
V	10360	55.72	30.55	5.77	24.66	55.60	74.00	-18.40	PK
V	10360	39.86	30.55	5.77	24.66	39.74	54.00	-14.26	AV
V	15540	52.95	30.33	6.32	24.55	53.49	74.00	-20.51	PK
V	15540	38.82	30.33	6.32	24.55	39.36	54.00	-14.64	AV
V	20720	49.30	30.85	7.45	24.69	50.59	74.00	-23.41	PK
V	20720	39.84	30.85	7.45	24.69	41.13	54.00	-12.87	AV
H	10360	57.50	30.55	5.77	24.66	57.38	74.00	-16.62	PK
H	10360	41.55	30.55	5.77	24.66	41.43	54.00	-12.57	AV
H	15540	53.70	30.33	6.32	24.55	54.24	74.00	-19.76	PK
H	15540	39.16	30.33	6.32	24.55	39.70	54.00	-14.30	AV
H	20720	49.00	30.85	7.45	24.69	50.29	74.00	-23.71	PK
H	20720	39.60	30.85	7.45	24.69	40.89	54.00	-13.11	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amp lifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:5200MHz									
V	10400	57.39	30.55	5.77	24.66	57.27	74.00	-16.73	PK
V	10400	41.44	30.55	5.77	24.66	41.32	54.00	-12.68	AV
V	15600	52.35	30.33	6.32	24.55	52.89	74.00	-21.11	PK
V	15600	39.90	30.33	6.32	24.55	40.44	54.00	-13.56	AV
V	20800	49.60	30.85	7.45	24.69	50.89	74.00	-23.11	PK
V	20800	39.11	30.85	7.45	24.69	40.40	54.00	-13.60	AV
H	10400	56.06	30.55	5.77	24.66	55.94	74.00	-18.06	PK
H	10400	40.75	30.55	5.77	24.66	40.63	54.00	-13.37	AV
H	15600	51.78	30.33	6.32	24.55	52.32	74.00	-21.68	PK
H	15600	39.25	30.33	6.32	24.55	39.79	54.00	-14.21	AV
H	20800	51.75	30.85	7.45	24.69	53.04	74.00	-20.96	PK
H	20800	39.73	30.85	7.45	24.69	41.02	54.00	-12.98	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5240MHz									
V	10480	56.73	30.55	5.77	24.66	56.61	74.00	-17.39	PK
V	10480	40.75	30.55	5.77	24.66	40.63	54.00	-13.37	AV
V	15720	53.34	30.33	6.32	24.55	53.88	74.00	-20.12	PK
V	15720	41.21	30.33	6.32	24.55	41.75	54.00	-12.25	AV
V	20960	51.59	30.85	7.45	24.69	52.88	74.00	-21.12	PK
V	20960	40.75	30.85	7.45	24.69	42.04	54.00	-11.96	AV
H	10480	56.61	30.55	5.77	24.66	56.49	74.00	-17.51	PK
H	10480	41.61	30.55	5.77	24.66	41.49	54.00	-12.51	AV
H	15720	52.53	30.33	6.32	24.55	53.07	74.00	-20.93	PK
H	15720	39.58	30.33	6.32	24.55	40.12	54.00	-13.88	AV
H	20960	49.23	30.85	7.45	24.69	50.52	74.00	-23.48	PK
H	20960	38.91	30.85	7.45	24.69	40.20	54.00	-13.80	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5745MHz									
V	11490	56.36	30.55	5.77	24.66	56.24	74.00	-17.76	PK
V	11490	40.18	30.55	5.77	24.66	40.06	54.00	-13.94	AV
V	17235	53.45	30.33	6.32	24.55	53.99	74.00	-20.01	PK
V	17235	40.85	30.33	6.32	24.55	41.39	54.00	-12.61	AV
V	22980	51.45	30.85	7.45	24.69	52.74	74.00	-21.26	PK
V	22980	40.20	30.85	7.45	24.69	41.49	54.00	-12.51	AV
H	11490	54.82	30.55	5.77	24.66	54.70	74.00	-19.30	PK
H	11490	41.74	30.55	5.77	24.66	41.62	54.00	-12.38	AV
H	17235	53.76	30.33	6.32	24.55	54.30	74.00	-19.70	PK
H	17235	39.91	30.33	6.32	24.55	40.45	54.00	-13.55	AV
H	22980	49.00	30.85	7.45	24.69	50.29	74.00	-23.71	PK
H	22980	40.63	30.85	7.45	24.69	41.92	54.00	-12.08	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5785MHz									
V	11570	55.26	30.55	5.77	24.66	55.14	74.00	-18.86	PK
V	11570	40.06	30.55	5.77	24.66	39.94	54.00	-14.06	AV
V	17355	52.94	30.33	6.32	24.55	53.48	74.00	-20.52	PK
V	17355	39.05	30.33	6.32	24.55	39.59	54.00	-14.41	AV
V	23140	49.48	30.85	7.45	24.69	50.77	74.00	-23.23	PK
V	23140	39.68	30.85	7.45	24.69	40.97	54.00	-13.03	AV
H	11570	55.28	30.55	5.77	24.66	55.16	74.00	-18.84	PK
H	11570	42.76	30.55	5.77	24.66	42.64	54.00	-11.36	AV
H	17355	52.93	30.33	6.32	24.55	53.47	74.00	-20.53	PK
H	17355	40.81	30.33	6.32	24.55	41.35	54.00	-12.65	AV
H	23140	51.07	30.85	7.45	24.69	52.36	74.00	-21.64	PK
H	23140	39.57	30.85	7.45	24.69	40.86	54.00	-13.14	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5825MHz									
V	11650	56.09	30.55	5.77	24.66	55.97	74.00	-18.03	PK
V	11650	40.35	30.55	5.77	24.66	40.23	54.00	-13.77	AV
V	17475	53.44	30.33	6.32	24.55	53.98	74.00	-20.02	PK
V	17475	41.26	30.33	6.32	24.55	41.80	54.00	-12.20	AV
V	23300	51.56	30.85	7.45	24.69	52.85	74.00	-21.15	PK
V	23300	39.82	30.85	7.45	24.69	41.11	54.00	-12.89	AV
H	11650	57.01	30.55	5.77	24.66	56.89	74.00	-17.11	PK
H	11650	41.96	30.55	5.77	24.66	41.84	54.00	-12.16	AV
H	17475	52.50	30.33	6.32	24.55	53.04	74.00	-20.96	PK
H	17475	38.90	30.33	6.32	24.55	39.44	54.00	-14.56	AV
H	23300	49.27	30.85	7.45	24.69	50.56	74.00	-23.44	PK
H	23300	39.87	30.85	7.45	24.69	41.16	54.00	-12.84	AV

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Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:5190MHz									
V	10360	56.14	30.55	5.77	24.66	56.02	74.00	-17.98	PK
V	10360	40.15	30.55	5.77	24.66	40.03	54.00	-13.97	AV
V	15540	52.33	30.33	6.32	24.55	52.87	74.00	-21.13	PK
V	15540	39.00	30.33	6.32	24.55	39.54	54.00	-14.46	AV
V	20720	50.48	30.85	7.45	24.69	51.77	74.00	-22.23	PK
V	20720	38.94	30.85	7.45	24.69	40.23	54.00	-13.77	AV
H	10360	55.41	30.55	5.77	24.66	55.29	74.00	-18.71	PK
H	10360	42.13	30.55	5.77	24.66	42.01	54.00	-11.99	AV
H	15540	52.94	30.33	6.32	24.55	53.48	74.00	-20.52	PK
H	15540	40.60	30.33	6.32	24.55	41.14	54.00	-12.86	AV
H	20720	50.80	30.85	7.45	24.69	52.09	74.00	-21.91	PK
H	20720	39.52	30.85	7.45	24.69	40.81	54.00	-13.19	AV

Polar (H/V)	Frequenc y	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:5230MHz									
V	10460	57.05	30.55	5.77	24.66	56.93	74.00	-17.07	PK
V	10460	40.82	30.55	5.77	24.66	40.70	54.00	-13.30	AV
V	15690	52.80	30.33	6.32	24.55	53.34	74.00	-20.66	PK
V	15690	39.45	30.33	6.32	24.55	39.99	54.00	-14.01	AV
V	20920	50.04	30.85	7.45	24.69	51.33	74.00	-22.67	PK
V	20920	40.34	30.85	7.45	24.69	41.63	54.00	-12.37	AV
H	10460	54.83	30.55	5.77	24.66	54.71	74.00	-19.29	PK
H	10460	39.83	30.55	5.77	24.66	39.71	54.00	-14.29	AV
H	15690	52.60	30.33	6.32	24.55	53.14	74.00	-20.86	PK
H	15690	39.48	30.33	6.32	24.55	40.02	54.00	-13.98	AV
H	20920	48.88	30.85	7.45	24.69	50.17	74.00	-23.83	PK
H	20920	39.77	30.85	7.45	24.69	41.06	54.00	-12.94	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5755MHz									
V	11510	55.73	30.55	5.77	24.66	55.61	74.00	-18.39	PK
V	11510	40.76	30.55	5.77	24.66	40.64	54.00	-13.36	AV
V	17265	52.98	30.33	6.32	24.55	53.52	74.00	-20.48	PK
V	17265	39.10	30.33	6.32	24.55	39.64	54.00	-14.36	AV
V	23020	50.50	30.85	7.45	24.69	51.79	74.00	-22.21	PK
V	23020	40.76	30.85	7.45	24.69	42.05	54.00	-11.95	AV
H	11510	57.32	30.55	5.77	24.66	57.20	74.00	-16.80	PK
H	11510	39.82	30.55	5.77	24.66	39.70	54.00	-14.30	AV
H	17265	53.48	30.33	6.32	24.55	54.02	74.00	-19.98	PK
H	17265	40.16	30.33	6.32	24.55	40.70	54.00	-13.30	AV
H	23020	49.15	30.85	7.45	24.69	50.44	74.00	-23.56	PK
H	23020	40.09	30.85	7.45	24.69	41.38	54.00	-12.62	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
High Channel:5795MHz									
V	11510	57.35	30.55	5.77	24.66	57.23	74.00	-16.77	PK
V	11510	41.15	30.55	5.77	24.66	41.03	54.00	-12.97	AV
V	17265	53.33	30.33	6.32	24.55	53.87	74.00	-20.13	PK
V	17265	39.35	30.33	6.32	24.55	39.89	54.00	-14.11	AV
V	23020	49.68	30.85	7.45	24.69	50.97	74.00	-23.03	PK
V	23020	40.57	30.85	7.45	24.69	41.86	54.00	-12.14	AV
H	11510	55.03	30.55	5.77	24.66	54.91	74.00	-19.09	PK
H	11510	39.78	30.55	5.77	24.66	39.66	54.00	-14.34	AV
H	17265	52.28	30.33	6.32	24.55	52.82	74.00	-21.18	PK
H	17265	39.09	30.33	6.32	24.55	39.63	54.00	-14.37	AV
H	23020	49.62	30.85	7.45	24.69	50.91	74.00	-23.09	PK
H	23020	41.24	30.85	7.45	24.69	42.53	54.00	-11.47	AV

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Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
5210MHz									
V	10420	55.23	30.55	5.77	24.66	55.11	74.00	-18.89	PK
V	10420	41.63	30.55	5.77	24.66	41.51	54.00	-12.49	AV
V	15630	51.80	30.33	6.32	24.55	52.34	74.00	-21.66	PK
V	15630	40.86	30.33	6.32	24.55	41.40	54.00	-12.60	AV
V	20840	50.68	30.85	7.45	24.69	51.97	74.00	-22.03	PK
V	20840	40.09	30.85	7.45	24.69	41.38	54.00	-12.62	AV
H	10420	57.43	30.55	5.77	24.66	57.31	74.00	-16.69	PK
H	10420	40.71	30.55	5.77	24.66	40.59	54.00	-13.41	AV
H	15630	53.29	30.33	6.32	24.55	53.83	74.00	-20.17	PK
H	15630	39.93	30.33	6.32	24.55	40.47	54.00	-13.53	AV
H	20840	49.39	30.85	7.45	24.69	50.68	74.00	-23.32	PK
H	20840	39.29	30.85	7.45	24.69	40.58	54.00	-13.42	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
High Channel:5775MHz									
V	11550	54.79	30.55	5.77	24.66	54.67	74.00	-19.33	PK
V	11550	41.72	30.55	5.77	24.66	41.60	54.00	-12.40	AV
V	17325	53.71	30.33	6.32	24.55	54.25	74.00	-19.75	PK
V	17325	40.06	30.33	6.32	24.55	40.60	54.00	-13.40	AV
V	23100	49.95	30.85	7.45	24.69	51.24	74.00	-22.76	PK
V	23100	41.21	30.85	7.45	24.69	42.50	54.00	-11.50	AV
H	11550	56.30	30.55	5.77	24.66	56.18	74.00	-17.82	PK
H	11550	40.33	30.55	5.77	24.66	40.21	54.00	-13.79	AV
H	17325	53.41	30.33	6.32	24.55	53.95	74.00	-20.05	PK
H	17325	41.74	30.33	6.32	24.55	42.28	54.00	-11.72	AV
H	23100	51.03	30.85	7.45	24.69	52.32	74.00	-21.68	PK
H	23100	41.50	30.85	7.45	24.69	42.79	54.00	-11.21	AV

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Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:5180MHz									
V	10360	57.28	30.55	5.77	24.66	57.16	74.00	-16.84	PK
V	10360	39.46	30.55	5.77	24.66	39.34	54.00	-14.66	AV
V	15540	53.09	30.33	6.32	24.55	53.63	74.00	-20.37	PK
V	15540	41.49	30.33	6.32	24.55	42.03	54.00	-11.97	AV
V	20720	51.71	30.85	7.45	24.69	53.00	74.00	-21.00	PK
V	20720	39.08	30.85	7.45	24.69	40.37	54.00	-13.63	AV
H	10360	57.59	30.55	5.77	24.66	57.47	74.00	-16.53	PK
H	10360	40.28	30.55	5.77	24.66	40.16	54.00	-13.84	AV
H	15540	52.44	30.33	6.32	24.55	52.98	74.00	-21.02	PK
H	15540	40.79	30.33	6.32	24.55	41.33	54.00	-12.67	AV
H	20720	51.73	30.85	7.45	24.69	53.02	74.00	-20.98	PK
H	20720	39.08	30.85	7.45	24.69	40.37	54.00	-13.63	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amp lifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:5200MHz									
V	10400	56.09	30.55	5.77	24.66	55.97	74.00	-18.03	PK
V	10400	41.10	30.55	5.77	24.66	40.98	54.00	-13.02	AV
V	15600	52.38	30.33	6.32	24.55	52.92	74.00	-21.08	PK
V	15600	38.86	30.33	6.32	24.55	39.40	54.00	-14.60	AV
V	20800	49.61	30.85	7.45	24.69	50.90	74.00	-23.10	PK
V	20800	41.10	30.85	7.45	24.69	42.39	54.00	-11.61	AV
H	10400	54.88	30.55	5.77	24.66	54.76	74.00	-19.24	PK
H	10400	42.09	30.55	5.77	24.66	41.97	54.00	-12.03	AV
H	15600	52.84	30.33	6.32	24.55	53.38	74.00	-20.62	PK
H	15600	39.20	30.33	6.32	24.55	39.74	54.00	-14.26	AV
H	20800	48.83	30.85	7.45	24.69	50.12	74.00	-23.88	PK
H	20800	39.35	30.85	7.45	24.69	40.64	54.00	-13.36	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5240MHz									
V	10480	57.32	30.55	5.77	24.66	57.20	74.00	-16.80	PK
V	10480	39.12	30.55	5.77	24.66	39.00	54.00	-15.00	AV
V	15720	51.78	30.33	6.32	24.55	52.32	74.00	-21.68	PK
V	15720	40.76	30.33	6.32	24.55	41.30	54.00	-12.70	AV
V	20960	50.59	30.85	7.45	24.69	51.88	74.00	-22.12	PK
V	20960	41.47	30.85	7.45	24.69	42.76	54.00	-11.24	AV
H	10480	55.72	30.55	5.77	24.66	55.60	74.00	-18.40	PK
H	10480	40.78	30.55	5.77	24.66	40.66	54.00	-13.34	AV
H	15720	53.15	30.33	6.32	24.55	53.69	74.00	-20.31	PK
H	15720	40.06	30.33	6.32	24.55	40.60	54.00	-13.40	AV

H	20960	51.31	30.85	7.45	24.69	52.60	74.00	-21.40	PK
H	20960	41.74	30.85	7.45	24.69	43.03	54.00	-10.97	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-ampli fier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/ m)	Margin (dB)	Detect or Type
High Channel:5745MHz									
V	11490	56.99	30.55	5.77	24.66	56.87	74.00	-17.13	PK
V	11490	40.71	30.55	5.77	24.66	40.59	54.00	-13.41	AV
V	17235	53.73	30.33	6.32	24.55	54.27	74.00	-19.73	PK
V	17235	40.54	30.33	6.32	24.55	41.08	54.00	-12.92	AV
V	22980	50.78	30.85	7.45	24.69	52.07	74.00	-21.93	PK
V	22980	39.45	30.85	7.45	24.69	40.74	54.00	-13.26	AV
H	11490	54.98	30.55	5.77	24.66	54.86	74.00	-19.14	PK
H	11490	40.45	30.55	5.77	24.66	40.33	54.00	-13.67	AV
H	17235	52.20	30.33	6.32	24.55	52.74	74.00	-21.26	PK
H	17235	40.21	30.33	6.32	24.55	40.75	54.00	-13.25	AV
H	22980	50.81	30.85	7.45	24.69	52.10	74.00	-21.90	PK
H	22980	39.17	30.85	7.45	24.69	40.46	54.00	-13.54	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-ampli fier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/ m)	Margin (dB)	Detect or Type
High Channel:5785MHz									
V	11570	57.42	30.55	5.77	24.66	57.30	74.00	-16.70	PK
V	11570	38.98	30.55	5.77	24.66	38.86	54.00	-15.14	AV
V	17355	53.16	30.33	6.32	24.55	53.70	74.00	-20.30	PK
V	17355	40.73	30.33	6.32	24.55	41.27	54.00	-12.73	AV
V	23140	50.02	30.85	7.45	24.69	51.31	74.00	-22.69	PK
V	23140	40.28	30.85	7.45	24.69	41.57	54.00	-12.43	AV
H	11570	57.15	30.55	5.77	24.66	57.03	74.00	-16.97	PK
H	11570	40.75	30.55	5.77	24.66	40.63	54.00	-13.37	AV
H	17355	53.35	30.33	6.32	24.55	53.89	74.00	-20.11	PK
H	17355	38.91	30.33	6.32	24.55	39.45	54.00	-14.55	AV
H	23140	50.22	30.85	7.45	24.69	51.51	74.00	-22.49	PK
H	23140	41.34	30.85	7.45	24.69	42.63	54.00	-11.37	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-ampli fier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/ m)	Margin (dB)	Detect or Type
High Channel:5825MHz									
V	11650	54.89	30.55	5.77	24.66	54.77	74.00	-19.23	PK
V	11650	38.83	30.55	5.77	24.66	38.71	54.00	-15.29	AV
V	17475	52.41	30.33	6.32	24.55	52.95	74.00	-21.05	PK
V	17475	41.20	30.33	6.32	24.55	41.74	54.00	-12.26	AV
V	23300	49.16	30.85	7.45	24.69	50.45	74.00	-23.55	PK
V	23300	40.11	30.85	7.45	24.69	41.40	54.00	-12.60	AV
H	11650	55.66	30.55	5.77	24.66	55.54	74.00	-18.46	PK
H	11650	42.46	30.55	5.77	24.66	42.34	54.00	-11.66	AV
H	17475	52.56	30.33	6.32	24.55	53.10	74.00	-20.90	PK
H	17475	39.84	30.33	6.32	24.55	40.38	54.00	-13.62	AV

H	23300	50.96	30.85	7.45	24.69	52.25	74.00	-21.75	PK
H	23300	41.45	30.85	7.45	24.69	42.74	54.00	-11.26	AV

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Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:5190MHz									
V	10380	57.56	30.55	5.77	24.66	57.44	74.00	-16.56	PK
V	10380	40.11	30.55	5.77	24.66	39.99	54.00	-14.01	AV
V	15570	52.81	30.33	6.32	24.55	53.35	74.00	-20.65	PK
V	15570	41.03	30.33	6.32	24.55	41.57	54.00	-12.43	AV
V	20760	50.85	30.85	7.45	24.69	52.14	74.00	-21.86	PK
V	20760	41.09	30.85	7.45	24.69	42.38	54.00	-11.62	AV
H	10380	57.67	30.55	5.77	24.66	57.55	74.00	-16.45	PK
H	10380	41.62	30.55	5.77	24.66	41.50	54.00	-12.50	AV
H	15570	52.89	30.33	6.32	24.55	53.43	74.00	-20.57	PK
H	15570	41.26	30.33	6.32	24.55	41.80	54.00	-12.20	AV
H	20760	50.79	30.85	7.45	24.69	52.08	74.00	-21.92	PK
H	20760	40.63	30.85	7.45	24.69	41.92	54.00	-12.08	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:5230MHz									
V	10460	55.14	30.55	5.77	24.66	55.02	74.00	-18.98	PK
V	10460	40.13	30.55	5.77	24.66	40.01	54.00	-13.99	AV
V	15690	53.44	30.33	6.32	24.55	53.98	74.00	-20.02	PK
V	15690	38.84	30.33	6.32	24.55	39.38	54.00	-14.62	AV
V	20920	50.80	30.85	7.45	24.69	52.09	74.00	-21.91	PK
V	20920	39.52	30.85	7.45	24.69	40.81	54.00	-13.19	AV
H	10460	55.79	30.55	5.77	24.66	55.67	74.00	-18.33	PK
H	10460	42.56	30.55	5.77	24.66	42.44	54.00	-11.56	AV
H	15690	51.85	30.33	6.32	24.55	52.39	74.00	-21.61	PK
H	15690	39.94	30.33	6.32	24.55	40.48	54.00	-13.52	AV
H	20920	48.90	30.85	7.45	24.69	50.19	74.00	-23.81	PK
H	20920	39.63	30.85	7.45	24.69	40.92	54.00	-13.08	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5755MHz									
V	11510	57.21	30.55	5.77	24.66	57.09	74.00	-16.91	PK
V	11510	41.25	30.55	5.77	24.66	41.13	54.00	-12.87	AV
V	17265	53.45	30.33	6.32	24.55	53.99	74.00	-20.01	PK
V	17265	41.31	30.33	6.32	24.55	41.85	54.00	-12.15	AV
V	23020	51.69	30.85	7.45	24.69	52.98	74.00	-21.02	PK
V	23020	40.90	30.85	7.45	24.69	42.19	54.00	-11.81	AV
H	11510	54.93	30.55	5.77	24.66	54.81	74.00	-19.19	PK
H	11510	41.15	30.55	5.77	24.66	41.03	54.00	-12.97	AV
H	17265	53.56	30.33	6.32	24.55	54.10	74.00	-19.90	PK

H	17265	41.01	30.33	6.32	24.55	41.55	54.00	-12.45	AV
H	23020	49.85	30.85	7.45	24.69	51.14	74.00	-22.86	PK
H	23020	41.46	30.85	7.45	24.69	42.75	54.00	-11.25	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-ampli fier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/ m)	Margin (dB)	Detect or Type
High Channel:5795MHz									
V	11590	55.23	30.55	5.77	24.66	55.11	74.00	-18.89	PK
V	11590	41.27	30.55	5.77	24.66	41.15	54.00	-12.85	AV
V	17385	53.60	30.33	6.32	24.55	54.14	74.00	-19.86	PK
V	17385	39.64	30.33	6.32	24.55	40.18	54.00	-13.82	AV
V	23180	49.78	30.85	7.45	24.69	51.07	74.00	-22.93	PK
V	23180	39.11	30.85	7.45	24.69	40.40	54.00	-13.60	AV
H	11590	55.96	30.55	5.77	24.66	55.84	74.00	-18.16	PK
H	11590	41.75	30.55	5.77	24.66	41.63	54.00	-12.37	AV
H	17385	51.90	30.33	6.32	24.55	52.44	74.00	-21.56	PK
H	17385	41.53	30.33	6.32	24.55	42.07	54.00	-11.93	AV
H	23180	50.27	30.85	7.45	24.69	51.56	74.00	-22.44	PK
H	23180	41.70	30.85	7.45	24.69	42.99	54.00	-11.01	AV

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier,
Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

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Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:5180MHz									
V	10360	56.55	30.55	5.77	24.66	56.43	74.00	-17.57	PK
V	10360	39.60	30.55	5.77	24.66	39.48	54.00	-14.52	AV
V	15540	52.52	30.33	6.32	24.55	53.06	74.00	-20.94	PK
V	15540	39.08	30.33	6.32	24.55	39.62	54.00	-14.38	AV
V	20720	49.84	30.85	7.45	24.69	51.13	74.00	-22.87	PK
V	20720	39.99	30.85	7.45	24.69	41.28	54.00	-12.72	AV
H	10360	55.94	30.55	5.77	24.66	55.82	74.00	-18.18	PK
H	10360	41.83	30.55	5.77	24.66	41.71	54.00	-12.29	AV
H	15540	52.53	30.33	6.32	24.55	53.07	74.00	-20.93	PK
H	15540	39.83	30.33	6.32	24.55	40.37	54.00	-13.63	AV
H	20720	49.26	30.85	7.45	24.69	50.55	74.00	-23.45	PK
H	20720	39.42	30.85	7.45	24.69	40.71	54.00	-13.29	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amp lifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:5200MHz									
V	10400	55.44	30.55	5.77	24.66	55.32	74.00	-18.68	PK
V	10400	40.48	30.55	5.77	24.66	40.36	54.00	-13.64	AV
V	15600	51.99	30.33	6.32	24.55	52.53	74.00	-21.47	PK
V	15600	39.08	30.33	6.32	24.55	39.62	54.00	-14.38	AV
V	20800	49.69	30.85	7.45	24.69	50.98	74.00	-23.02	PK
V	20800	39.81	30.85	7.45	24.69	41.10	54.00	-12.90	AV
H	10400	57.67	30.55	5.77	24.66	57.55	74.00	-16.45	PK
H	10400	41.29	30.55	5.77	24.66	41.17	54.00	-12.83	AV
H	15600	52.56	30.33	6.32	24.55	53.10	74.00	-20.90	PK
H	15600	41.01	30.33	6.32	24.55	41.55	54.00	-12.45	AV
H	20800	49.29	30.85	7.45	24.69	50.58	74.00	-23.42	PK
H	20800	39.46	30.85	7.45	24.69	40.75	54.00	-13.25	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampl ifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5240MHz									
V	10480	57.48	30.55	5.77	24.66	57.36	74.00	-16.64	PK
V	10480	39.38	30.55	5.77	24.66	39.26	54.00	-14.74	AV
V	15720	52.09	30.33	6.32	24.55	52.63	74.00	-21.37	PK
V	15720	38.81	30.33	6.32	24.55	39.35	54.00	-14.65	AV
V	20960	49.65	30.85	7.45	24.69	50.94	74.00	-23.06	PK
V	20960	41.45	30.85	7.45	24.69	42.74	54.00	-11.26	AV
H	10480	55.24	30.55	5.77	24.66	55.12	74.00	-18.88	PK
H	10480	40.97	30.55	5.77	24.66	40.85	54.00	-13.15	AV
H	15720	52.06	30.33	6.32	24.55	52.60	74.00	-21.40	PK
H	15720	39.48	30.33	6.32	24.55	40.02	54.00	-13.98	AV
H	20960	50.45	30.85	7.45	24.69	51.74	74.00	-22.26	PK
H	20960	39.21	30.85	7.45	24.69	40.50	54.00	-13.50	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5745MHz									
V	11490	56.61	30.55	5.77	24.66	56.49	74.00	-17.51	PK
V	11490	39.89	30.55	5.77	24.66	39.77	54.00	-14.23	AV
V	17235	52.72	30.33	6.32	24.55	53.26	74.00	-20.74	PK
V	17235	40.36	30.33	6.32	24.55	40.90	54.00	-13.10	AV
V	22980	50.24	30.85	7.45	24.69	51.53	74.00	-22.47	PK
V	22980	39.64	30.85	7.45	24.69	40.93	54.00	-13.07	AV
H	11490	55.95	30.55	5.77	24.66	55.83	74.00	-18.17	PK
H	11490	42.57	30.55	5.77	24.66	42.45	54.00	-11.55	AV
H	17235	52.62	30.33	6.32	24.55	53.16	74.00	-20.84	PK
H	17235	41.43	30.33	6.32	24.55	41.97	54.00	-12.03	AV
H	22980	50.40	30.85	7.45	24.69	51.69	74.00	-22.31	PK
H	22980	40.67	30.85	7.45	24.69	41.96	54.00	-12.04	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5785MHz									
V	11570	55.91	30.55	5.77	24.66	55.79	74.00	-18.21	PK
V	11570	41.56	30.55	5.77	24.66	41.44	54.00	-12.56	AV
V	17355	52.63	30.33	6.32	24.55	53.17	74.00	-20.83	PK
V	17355	40.13	30.33	6.32	24.55	40.67	54.00	-13.33	AV
V	23140	49.86	30.85	7.45	24.69	51.15	74.00	-22.85	PK
V	23140	38.92	30.85	7.45	24.69	40.21	54.00	-13.79	AV
H	11570	56.99	30.55	5.77	24.66	56.87	74.00	-17.13	PK
H	11570	41.30	30.55	5.77	24.66	41.18	54.00	-12.82	AV
H	17355	52.66	30.33	6.32	24.55	53.20	74.00	-20.80	PK
H	17355	40.09	30.33	6.32	24.55	40.63	54.00	-13.37	AV
H	23140	51.03	30.85	7.45	24.69	52.32	74.00	-21.68	PK
H	23140	40.81	30.85	7.45	24.69	42.10	54.00	-11.90	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5795MHz									
V	11590	56.82	30.55	5.77	24.66	56.70	74.00	-17.30	PK
V	11590	40.35	30.55	5.77	24.66	40.23	54.00	-13.77	AV
V	17385	52.39	30.33	6.32	24.55	52.93	74.00	-21.07	PK
V	17385	41.66	30.33	6.32	24.55	42.20	54.00	-11.80	AV
V	23180	51.31	30.85	7.45	24.69	52.60	74.00	-21.40	PK
V	23180	38.91	30.85	7.45	24.69	40.20	54.00	-13.80	AV
H	11590	57.68	30.55	5.77	24.66	57.56	74.00	-16.44	PK
H	11590	41.04	30.55	5.77	24.66	40.92	54.00	-13.08	AV
H	17385	52.03	30.33	6.32	24.55	52.57	74.00	-21.43	PK
H	17385	40.82	30.33	6.32	24.55	41.36	54.00	-12.64	AV
H	23180	50.29	30.85	7.45	24.69	51.58	74.00	-22.42	PK
H	23180	39.01	30.85	7.45	24.69	40.30	54.00	-13.70	AV

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Polar (H/V)	Frequenc y	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:5190MHz									
V	10380	57.44	30.55	5.77	24.66	57.32	74.00	-16.68	PK
V	10380	41.52	30.55	5.77	24.66	41.40	54.00	-12.60	AV
V	15570	52.20	30.33	6.32	24.55	52.74	74.00	-21.26	PK
V	15570	39.48	30.33	6.32	24.55	40.02	54.00	-13.98	AV
V	20760	49.50	30.85	7.45	24.69	50.79	74.00	-23.21	PK
V	20760	40.79	30.85	7.45	24.69	42.08	54.00	-11.92	AV
H	10380	57.20	30.55	5.77	24.66	57.08	74.00	-16.92	PK
H	10380	39.99	30.55	5.77	24.66	39.87	54.00	-14.13	AV
H	15570	53.57	30.33	6.32	24.55	54.11	74.00	-19.89	PK
H	15570	39.57	30.33	6.32	24.55	40.11	54.00	-13.89	AV
H	20760	48.96	30.85	7.45	24.69	50.25	74.00	-23.75	PK
H	20760	41.49	30.85	7.45	24.69	42.78	54.00	-11.22	AV

Polar (H/V)	Frequenc y	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:5230MHz									
V	10460	56.19	30.55	5.77	24.66	56.07	74.00	-17.93	PK
V	10460	41.34	30.55	5.77	24.66	41.22	54.00	-12.78	AV
V	15690	52.45	30.33	6.32	24.55	52.99	74.00	-21.01	PK
V	15690	40.13	30.33	6.32	24.55	40.67	54.00	-13.33	AV
V	20920	49.85	30.85	7.45	24.69	51.14	74.00	-22.86	PK
V	20920	39.02	30.85	7.45	24.69	40.31	54.00	-13.69	AV
H	10460	56.60	30.55	5.77	24.66	56.48	74.00	-17.52	PK
H	10460	42.74	30.55	5.77	24.66	42.62	54.00	-11.38	AV
H	15690	52.38	30.33	6.32	24.55	52.92	74.00	-21.08	PK
H	15690	40.07	30.33	6.32	24.55	40.61	54.00	-13.39	AV
H	20920	49.84	30.85	7.45	24.69	51.13	74.00	-22.87	PK
H	20920	40.04	30.85	7.45	24.69	41.33	54.00	-12.67	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5755MHz									
V	11510	57.51	30.55	5.77	24.66	57.39	74.00	-16.61	PK
V	11510	41.66	30.55	5.77	24.66	41.54	54.00	-12.46	AV
V	17265	53.52	30.33	6.32	24.55	54.06	74.00	-19.94	PK
V	17265	39.40	30.33	6.32	24.55	39.94	54.00	-14.06	AV
V	23020	50.48	30.85	7.45	24.69	51.77	74.00	-22.23	PK
V	23020	41.55	30.85	7.45	24.69	42.84	54.00	-11.16	AV
H	11510	56.74	30.55	5.77	24.66	56.62	74.00	-17.38	PK
H	11510	40.23	30.55	5.77	24.66	40.11	54.00	-13.89	AV
H	17265	53.13	30.33	6.32	24.55	53.67	74.00	-20.33	PK
H	17265	39.56	30.33	6.32	24.55	40.10	54.00	-13.90	AV
H	23020	48.97	30.85	7.45	24.69	50.26	74.00	-23.74	PK
H	23020	39.94	30.85	7.45	24.69	41.23	54.00	-12.77	AV

MIMO-802.11ac80

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detect or Type
5210MHz									
V	10420	56.87	30.55	5.77	24.66	56.75	74.00	-17.25	PK
V	10420	39.93	30.55	5.77	24.66	39.81	54.00	-14.19	AV
V	15630	52.96	30.33	6.32	24.55	53.50	74.00	-20.50	PK
V	15630	40.83	30.33	6.32	24.55	41.37	54.00	-12.63	AV
V	20840	51.58	30.85	7.45	24.69	52.87	74.00	-21.13	PK
V	20840	38.81	30.85	7.45	24.69	40.10	54.00	-13.90	AV
H	10420	55.36	30.55	5.77	24.66	55.24	74.00	-18.76	PK
H	10420	42.33	30.55	5.77	24.66	42.21	54.00	-11.79	AV
H	15630	53.15	30.33	6.32	24.55	53.69	74.00	-20.31	PK
H	15630	40.32	30.33	6.32	24.55	40.86	54.00	-13.14	AV
H	20840	51.61	30.85	7.45	24.69	52.90	74.00	-21.10	PK
H	20840	38.77	30.85	7.45	24.69	40.06	54.00	-13.94	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detect or Type
High Channel:5775MHz									
V	11550	57.43	30.55	5.77	24.66	57.31	74.00	-16.69	PK
V	11550	40.34	30.55	5.77	24.66	40.22	54.00	-13.78	AV
V	17325	53.22	30.33	6.32	24.55	53.76	74.00	-20.24	PK
V	17325	39.83	30.33	6.32	24.55	40.37	54.00	-13.63	AV
V	23100	51.02	30.85	7.45	24.69	52.31	74.00	-21.69	PK
V	23100	41.37	30.85	7.45	24.69	42.66	54.00	-11.34	AV
H	11550	56.42	30.55	5.77	24.66	56.30	74.00	-17.70	PK
H	11550	42.40	30.55	5.77	24.66	42.28	54.00	-11.72	AV
H	17325	52.70	30.33	6.32	24.55	53.24	74.00	-20.76	PK
H	17325	41.31	30.33	6.32	24.55	41.85	54.00	-12.15	AV
H	23100	50.60	30.85	7.45	24.69	51.89	74.00	-22.11	PK
H	23100	39.56	30.85	7.45	24.69	40.85	54.00	-13.15	AV

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier, Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Radiated Band Edge Test:

ANT1

Worse case mode:		802.11a		Test channel:		36	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5150	53.70	-0.12	53.58	74.00	-20.42	peak	H
5150	38.53	-0.12	38.41	54.00	-15.59	AV	H
5150	54.22	-0.12	54.10	74.00	-19.90	peak	V
5150	40.51	-0.12	40.39	54.00	-13.61	AV	V

Worse case mode:		802.11a		Test channel:		48	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5250	52.77	-0.12	52.65	74.00	-21.35	peak	H
5250	40.45	-0.12	40.33	54.00	-13.67	AV	H
5250	54.14	-0.12	54.02	74.00	-19.98	peak	V
5250	39.19	-0.12	39.07	54.00	-14.93	AV	V

Worse case mode:		802.11a		Test channel:		149	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5650	49.41	-0.12	49.29	68.20	-18.91	peak	H
5700	87.23	-0.12	87.11	105.20	-18.09	peak	H
5720	88.63	-0.12	88.51	110.80	-22.29	peak	H
5725	98.03	-0.12	97.91	122.20	-24.29	peak	H
5650	47.41	-0.12	47.29	68.20	-20.91	peak	V
5700	87.70	-0.12	87.58	105.20	-17.62	peak	V
5720	90.12	-0.12	90.00	110.80	-20.80	peak	V
5725	93.95	-0.12	93.83	122.20	-28.37	peak	V

Worse case mode:		802.11a		Test channel:		165	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5850	100.49	-0.12	100.37	122.20	-21.83	peak	H
5855	85.28	-0.12	85.16	110.80	-25.64	peak	H
5875	82.58	-0.12	82.46	105.20	-22.74	peak	H
5925	53.08	-0.12	52.96	68.20	-15.24	peak	H
5850	103.78	-0.12	103.66	122.20	-18.54	peak	V
5855	89.64	-0.12	89.52	110.80	-21.28	peak	V
5875	86.16	-0.12	86.04	105.20	-19.16	peak	V
5925	53.08	-0.12	52.96	68.20	-15.24	peak	V

Worse case mode:		802.11n20		Test channel:		36	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5150	54.84	-0.12	54.72	74.00	-19.28	peak	H
5150	38.00	-0.12	37.88	54.00	-16.12	AV	H
5150	54.03	-0.12	53.91	74.00	-20.09	peak	V
5150	39.27	-0.12	39.15	54.00	-14.85	AV	V

Worse case mode:		802.11n20		Test channel:		48	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5250	52.04	-0.12	51.92	74.00	-22.08	peak	H
5250	40.14	-0.12	40.02	54.00	-13.98	AV	H
5250	55.94	-0.12	55.82	74.00	-18.18	peak	V
5250	39.43	-0.12	39.31	54.00	-14.69	AV	V

Worse case mode:		802.11n20		Test channel:		149	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5650	48.34	-0.12	48.22	68.20	-19.98	peak	H
5700	87.92	-0.12	87.80	105.20	-17.40	peak	H
5720	88.80	-0.12	88.68	110.80	-22.12	peak	H
5725	98.44	-0.12	98.32	122.20	-23.88	peak	H
5650	48.50	-0.12	48.38	68.20	-19.82	peak	V
5700	87.81	-0.12	87.69	105.20	-17.51	peak	V
5720	89.62	-0.12	89.50	110.80	-21.30	peak	V
5725	95.58	-0.12	95.46	122.20	-26.74	peak	V

Worse case mode:		802.11n20		Test channel:		165	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5850	100.90	-0.12	100.78	122.20	-21.42	peak	H
5855	86.81	-0.12	86.69	110.80	-24.11	peak	H
5875	83.22	-0.12	83.10	105.20	-22.10	peak	H
5925	50.05	-0.12	49.93	68.20	-18.27	peak	H
5850	104.30	-0.12	104.18	122.20	-18.02	peak	V
5855	89.68	-0.12	89.56	110.80	-21.24	peak	V
5875	87.56	-0.12	87.44	105.20	-17.76	peak	V
5925	53.76	-0.12	53.64	68.20	-14.56	peak	V

Worse case mode:		802.11n40		Test channel:		38	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5150	52.49	-0.12	52.37	74.00	-21.63	peak	H
5150	38.56	-0.12	38.44	54.00	-15.56	AV	H
5150	54.73	-0.12	54.61	74.00	-19.39	peak	V
5150	38.19	-0.12	38.07	54.00	-15.93	AV	V

Worse case mode:		802.11n40		Test channel:		46	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5250	52.91	-0.12	52.79	74.00	-21.21	peak	H
5250	41.28	-0.12	41.16	54.00	-12.84	AV	H
5250	52.43	-0.12	52.31	74.00	-21.69	peak	V
5250	37.69	-0.12	37.57	54.00	-16.43	AV	V

Worse case mode:		802.11n40		Test channel:		151	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5650	47.83	-0.12	47.71	68.20	-20.49	peak	H
5700	86.31	-0.12	86.19	105.20	-19.01	peak	H
5720	88.48	-0.12	88.36	110.80	-22.44	peak	H
5725	97.72	-0.12	97.60	122.20	-24.60	peak	H
5650	50.20	-0.12	50.08	68.20	-18.12	peak	V
5700	85.29	-0.12	85.17	105.20	-20.03	peak	V
5720	87.05	-0.12	86.93	110.80	-23.87	peak	V
5725	92.02	-0.12	91.90	122.20	-30.30	peak	V

Worse case mode:		802.11n40		Test channel:		159	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5850	103.68	-0.12	103.56	122.20	-18.64	peak	H
5855	88.62	-0.12	88.50	110.80	-22.30	peak	H
5875	85.73	-0.12	85.61	105.20	-19.59	peak	H
5925	53.11	-0.12	52.99	68.20	-15.21	peak	H
5850	100.47	-0.12	100.35	122.20	-21.85	peak	V
5855	88.72	-0.12	88.60	110.80	-22.20	peak	V
5875	85.02	-0.12	84.90	105.20	-20.30	peak	V
5925	51.29	-0.12	51.17	68.20	-17.03	peak	V

Worse case mode:		802.11ac20		Test channel:		36	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5150	51.50	-0.12	51.38	74.00	-22.62	peak	H
5150	40.63	-0.12	40.51	54.00	-13.49	AV	H
5150	55.56	-0.12	55.44	74.00	-18.56	peak	V
5150	39.10	-0.12	38.98	54.00	-15.02	AV	V

Worse case mode:		802.11ac20		Test channel:		48	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5250	51.40	-0.12	51.28	74.00	-22.72	peak	H
5250	41.93	-0.12	41.81	54.00	-12.19	AV	H
5250	54.92	-0.12	54.80	74.00	-19.20	peak	V
5250	37.77	-0.12	37.65	54.00	-16.35	AV	V

Worse case mode:		802.11ac20		Test channel:		149	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5650	50.55	-0.12	50.43	68.20	-17.77	peak	H
5700	87.50	-0.12	87.38	105.20	-17.82	peak	H
5720	87.65	-0.12	87.53	110.80	-23.27	peak	H
5725	97.14	-0.12	97.02	122.20	-25.18	peak	H
5650	46.17	-0.12	46.05	68.20	-22.15	peak	V
5700	87.84	-0.12	87.72	105.20	-17.48	peak	V
5720	89.94	-0.12	89.82	110.80	-20.98	peak	V
5725	93.20	-0.12	93.08	122.20	-29.12	peak	V

Worse case mode:		802.11n20		Test channel:		165	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5850	104.98	-0.12	104.86	122.20	-17.34	peak	H
5855	90.41	-0.12	90.29	110.80	-20.51	peak	H
5875	85.17	-0.12	85.05	105.20	-20.15	peak	H
5925	50.08	-0.12	49.96	68.20	-18.24	peak	H
5850	103.31	-0.12	103.19	122.20	-19.01	peak	V
5855	87.43	-0.12	87.31	110.80	-23.49	peak	V
5875	87.06	-0.12	86.94	105.20	-18.26	peak	V
5925	50.74	-0.12	50.62	68.20	-17.58	peak	V

Worse case mode:		802.11ac40		Test channel:		38	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5150	53.29	-0.12	53.17	74.00	-20.83	peak	H
5150	39.07	-0.12	38.95	54.00	-15.05	AV	H
5150	54.33	-0.12	54.21	74.00	-19.79	peak	V
5150	37.74	-0.12	37.62	54.00	-16.38	AV	V

Worse case mode:		802.11ac40		Test channel:		46	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5250	51.44	-0.12	51.32	74.00	-22.68	peak	H
5250	41.54	-0.12	41.42	54.00	-12.58	AV	H
5250	53.76	-0.12	53.64	74.00	-20.36	peak	V
5250	37.23	-0.12	37.11	54.00	-16.89	AV	V

Worse case mode:		802.11ac40		Test channel:		151	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5650	49.25	-0.12	49.13	68.20	-19.07	peak	H
5700	85.59	-0.12	85.47	105.20	-19.73	peak	H
5720	89.34	-0.12	89.22	110.80	-21.58	peak	H
5725	97.39	-0.12	97.27	122.20	-24.93	peak	H
5650	49.66	-0.12	49.54	68.20	-18.66	peak	V
5700	86.78	-0.12	86.66	105.20	-18.54	peak	V
5720	87.64	-0.12	87.52	110.80	-23.28	peak	V
5725	95.31	-0.12	95.19	122.20	-27.01	peak	V

Worse case mode:		802.11ac40		Test channel:		159	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5850	104.57	-0.12	104.45	122.20	-17.75	peak	H
5855	89.59	-0.12	89.47	110.80	-21.33	peak	H
5875	87.09	-0.12	86.97	105.20	-18.23	peak	H
5925	52.78	-0.12	52.66	68.20	-15.54	peak	H
5850	103.65	-0.12	103.53	122.20	-18.67	peak	V
5855	89.14	-0.12	89.02	110.80	-21.78	peak	V
5875	82.04	-0.12	81.92	105.20	-23.28	peak	V
5925	50.04	-0.12	49.92	68.20	-18.28	peak	V

Worse case mode:		802.11ac80		Test channel:		42	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5150	53.79	-0.12	53.67	74.00	-20.33	peak	H
5150	41.84	-0.12	41.72	54.00	-12.28	AV	H
5150	52.89	-0.12	52.77	74.00	-21.23	peak	V
5150	39.20	-0.12	39.08	54.00	-14.92	AV	V
5250	53.92	-0.12	53.80	74.00	-20.20	peak	H
5250	38.50	-0.12	38.38	54.00	-15.62	AV	H
5250	55.41	-0.12	55.29	74.00	-18.71	peak	V
5250	40.01	-0.12	39.89	54.00	-14.11	AV	V

Worse case mode:		802.11ac80		Test channel:		155	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5650	48.13	-0.12	48.01	68.20	-20.19	peak	H
5700	86.21	-0.12	86.09	105.20	-19.11	peak	H
5720	87.20	-0.12	87.08	110.80	-23.72	peak	H
5725	99.35	-0.12	99.23	122.20	-22.97	peak	H
5650	48.39	-0.12	48.27	68.20	-19.93	peak	V
5700	85.25	-0.12	85.13	105.20	-20.07	peak	V
5720	88.50	-0.12	88.38	110.80	-22.42	peak	V
5725	93.69	-0.12	93.57	122.20	-28.63	peak	V
5850	101.46	-0.12	101.34	122.20	-20.86	peak	H
5855	85.93	-0.12	85.81	110.80	-24.99	peak	H
5875	84.23	-0.12	84.11	105.20	-21.09	peak	H
5925	51.55	-0.12	51.43	68.20	-16.77	peak	H
5850	104.55	-0.12	104.43	122.20	-17.77	peak	V
5855	85.69	-0.12	85.57	110.80	-25.23	peak	V
5875	83.38	-0.12	83.26	105.20	-21.94	peak	V
5925	50.88	-0.12	50.76	68.20	-17.44	peak	V

Factor = Antenna Factor + Cable Loss – Pre-amplifier,

ANT2

Worse case mode:		802.11a		Test channel:		36	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5150	51.58	-0.12	51.46	74.00	-22.54	peak	H
5150	38.92	-0.12	38.80	54.00	-15.20	AV	H
5150	53.84	-0.12	53.72	74.00	-20.28	peak	V
5150	37.69	-0.12	37.57	54.00	-16.43	AV	V

Worse case mode:		802.11a		Test channel:		48	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5250	52.73	-0.12	52.61	74.00	-21.39	peak	H
5250	40.76	-0.12	40.64	54.00	-13.36	AV	H
5250	52.68	-0.12	52.56	74.00	-21.44	peak	V
5250	39.20	-0.12	39.08	54.00	-14.92	AV	V

Worse case mode:		802.11a		Test channel:		149	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5650	49.13	-0.12	49.01	68.20	-19.19	peak	H
5700	86.62	-0.12	86.50	105.20	-18.70	peak	H
5720	90.49	-0.12	90.37	110.80	-20.43	peak	H
5725	99.52	-0.12	99.40	122.20	-22.80	peak	H
5650	47.65	-0.12	47.53	68.20	-20.67	peak	V
5700	86.23	-0.12	86.11	105.20	-19.09	peak	V
5720	89.73	-0.12	89.61	110.80	-21.19	peak	V
5725	95.21	-0.12	95.09	122.20	-27.11	peak	V

Worse case mode:		802.11a		Test channel:		165	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5850	100.91	-0.12	100.79	122.20	-21.41	peak	H
5855	85.67	-0.12	85.55	110.80	-25.25	peak	H
5875	86.14	-0.12	86.02	105.20	-19.18	peak	H
5925	52.33	-0.12	52.21	68.20	-15.99	peak	H
5850	101.98	-0.12	101.86	122.20	-20.34	peak	V
5855	88.17	-0.12	88.05	110.80	-22.75	peak	V
5875	84.19	-0.12	84.07	105.20	-21.13	peak	V
5925	52.17	-0.12	52.05	68.20	-16.15	peak	V

Worse case mode:		802.11n20		Test channel:		36	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5150	52.09	-0.12	51.97	74.00	-22.03	peak	H
5150	39.32	-0.12	39.20	54.00	-14.80	AV	H
5150	53.77	-0.12	53.65	74.00	-20.35	peak	V
5150	39.49	-0.12	39.37	54.00	-14.63	AV	V

Worse case mode:		802.11n20		Test channel:		48	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5250	54.80	-0.12	54.68	74.00	-19.32	peak	H
5250	39.82	-0.12	39.70	54.00	-14.30	AV	H
5250	54.26	-0.12	54.14	74.00	-19.86	peak	V
5250	37.33	-0.12	37.21	54.00	-16.79	AV	V

Worse case mode:		802.11n20		Test channel:		149	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5650	47.69	-0.12	47.57	68.20	-20.63	peak	H
5700	86.51	-0.12	86.39	105.20	-18.81	peak	H
5720	89.87	-0.12	89.75	110.80	-21.05	peak	H
5725	98.42	-0.12	98.30	122.20	-23.90	peak	H
5650	49.28	-0.12	49.16	68.20	-19.04	peak	V
5700	86.68	-0.12	86.56	105.20	-18.64	peak	V
5720	90.90	-0.12	90.78	110.80	-20.02	peak	V
5725	95.71	-0.12	95.59	122.20	-26.61	peak	V

Worse case mode:		802.11n20		Test channel:		165	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5850	104.48	-0.12	104.36	122.20	-17.84	peak	H
5855	87.45	-0.12	87.33	110.80	-23.47	peak	H
5875	84.91	-0.12	84.79	105.20	-20.41	peak	H
5925	53.86	-0.12	53.74	68.20	-14.46	peak	H
5850	105.89	-0.12	105.77	122.20	-16.43	peak	V
5855	89.28	-0.12	89.16	110.80	-21.64	peak	V
5875	86.07	-0.12	85.95	105.20	-19.25	peak	V
5925	51.92	-0.12	51.80	68.20	-16.40	peak	V

Worse case mode:		802.11n40		Test channel:		38	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5150	52.09	-0.12	51.97	74.00	-22.03	peak	H
5150	39.21	-0.12	39.09	54.00	-14.91	AV	H
5150	55.77	-0.12	55.65	74.00	-18.35	peak	V
5150	38.10	-0.12	37.98	54.00	-16.02	AV	V

Worse case mode:		802.11n40		Test channel:		46	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5250	54.02	-0.12	53.90	74.00	-20.10	peak	H
5250	38.18	-0.12	38.06	54.00	-15.94	AV	H
5250	55.55	-0.12	55.43	74.00	-18.57	peak	V
5250	38.44	-0.12	38.32	54.00	-15.68	AV	V

Worse case mode:		802.11n40		Test channel:		151	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5650	49.39	-0.12	49.27	68.20	-18.93	peak	H
5700	86.45	-0.12	86.33	105.20	-18.87	peak	H
5720	89.71	-0.12	89.59	110.80	-21.21	peak	H
5725	99.27	-0.12	99.15	122.20	-23.05	peak	H
5650	48.75	-0.12	48.63	68.20	-19.57	peak	V
5700	85.91	-0.12	85.79	105.20	-19.41	peak	V
5720	90.73	-0.12	90.61	110.80	-20.19	peak	V
5725	95.58	-0.12	95.46	122.20	-26.74	peak	V

Worse case mode:		802.11n40		Test channel:		159	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5850	104.50	-0.12	104.38	122.20	-17.82	peak	H
5855	87.46	-0.12	87.34	110.80	-23.46	peak	H
5875	82.08	-0.12	81.96	105.20	-23.24	peak	H
5925	52.34	-0.12	52.22	68.20	-15.98	peak	H
5850	101.03	-0.12	100.91	122.20	-21.29	peak	V
5855	90.91	-0.12	90.79	110.80	-20.01	peak	V
5875	86.30	-0.12	86.18	105.20	-19.02	peak	V
5925	51.57	-0.12	51.45	68.20	-16.75	peak	V

Worse case mode:		802.11ac20		Test channel:		36	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5150	54.06	-0.12	53.94	74.00	-20.06	peak	H
5150	39.04	-0.12	38.92	54.00	-15.08	AV	H
5150	55.29	-0.12	55.17	74.00	-18.83	peak	V
5150	39.12	-0.12	39.00	54.00	-15.00	AV	V

Worse case mode:		802.11ac20		Test channel:		48	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5250	53.38	-0.12	53.26	74.00	-20.74	peak	H
5250	41.61	-0.12	41.49	54.00	-12.51	AV	H
5250	53.55	-0.12	53.43	74.00	-20.57	peak	V
5250	37.24	-0.12	37.12	54.00	-16.88	AV	V

Worse case mode:		802.11ac20		Test channel:		149	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5650	47.95	-0.12	47.83	68.20	-20.37	peak	H
5700	85.21	-0.12	85.09	105.20	-20.11	peak	H
5720	90.83	-0.12	90.71	110.80	-20.09	peak	H
5725	98.92	-0.12	98.80	122.20	-23.40	peak	H
5650	49.92	-0.12	49.80	68.20	-18.40	peak	V
5700	87.98	-0.12	87.86	105.20	-17.34	peak	V
5720	87.57	-0.12	87.45	110.80	-23.35	peak	V
5725	94.39	-0.12	94.27	122.20	-27.93	peak	V

Worse case mode:		802.11n20		Test channel:		165	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5850	104.99	-0.12	104.87	122.20	-17.33	peak	H
5855	89.99	-0.12	89.87	110.80	-20.93	peak	H
5875	84.99	-0.12	84.87	105.20	-20.33	peak	H
5925	52.53	-0.12	52.41	68.20	-15.79	peak	H
5850	100.00	-0.12	99.88	122.20	-22.32	peak	V
5855	87.97	-0.12	87.85	110.80	-22.95	peak	V
5875	82.50	-0.12	82.38	105.20	-22.82	peak	V
5925	50.16	-0.12	50.04	68.20	-18.16	peak	V

Worse case mode:		802.11ac40		Test channel:		38	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5150	51.79	-0.12	51.67	74.00	-22.33	peak	H
5150	40.90	-0.12	40.78	54.00	-13.22	AV	H
5150	54.66	-0.12	54.54	74.00	-19.46	peak	V
5150	37.78	-0.12	37.66	54.00	-16.34	AV	V

Worse case mode:		802.11ac40		Test channel:		46	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5250	52.07	-0.12	51.95	74.00	-22.05	peak	H
5250	41.13	-0.12	41.01	54.00	-12.99	AV	H
5250	54.45	-0.12	54.33	74.00	-19.67	peak	V
5250	38.90	-0.12	38.78	54.00	-15.22	AV	V

Worse case mode:		802.11ac40		Test channel:		151	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5650	48.34	-0.12	48.22	68.20	-19.98	peak	H
5700	86.85	-0.12	86.73	105.20	-18.47	peak	H
5720	90.40	-0.12	90.28	110.80	-20.52	peak	H
5725	98.30	-0.12	98.18	122.20	-24.02	peak	H
5650	48.86	-0.12	48.74	68.20	-19.46	peak	V
5700	85.05	-0.12	84.93	105.20	-20.27	peak	V
5720	90.28	-0.12	90.16	110.80	-20.64	peak	V
5725	94.95	-0.12	94.83	122.20	-27.37	peak	V

Worse case mode:		802.11ac40		Test channel:		159	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5850	105.38	-0.12	105.26	122.20	-16.94	peak	H
5855	90.80	-0.12	90.68	110.80	-20.12	peak	H
5875	85.39	-0.12	85.27	105.20	-19.93	peak	H
5925	51.93	-0.12	51.81	68.20	-16.39	peak	H
5850	102.98	-0.12	102.86	122.20	-19.34	peak	V
5855	89.48	-0.12	89.36	110.80	-21.44	peak	V
5875	83.86	-0.12	83.74	105.20	-21.46	peak	V
5925	51.79	-0.12	51.67	68.20	-16.53	peak	V

Worse case mode:		802.11ac80		Test channel:		42	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5150	53.88	-0.12	53.76	74.00	-20.24	peak	H
5150	40.27	-0.12	40.15	54.00	-13.85	AV	H
5150	52.70	-0.12	52.58	74.00	-21.42	peak	V
5150	38.35	-0.12	38.23	54.00	-15.77	AV	V
5250	52.38	-0.12	52.26	74.00	-21.74	peak	H
5250	41.84	-0.12	41.72	54.00	-12.28	AV	H
5250	55.81	-0.12	55.69	74.00	-18.31	peak	V
5250	40.85	-0.12	40.73	54.00	-13.27	AV	V

Worse case mode:		802.11ac80		Test channel:		155	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
5650	51.16	-0.12	51.04	68.20	-17.16	peak	H
5700	86.66	-0.12	86.54	105.20	-18.66	peak	H
5720	90.65	-0.12	90.53	110.80	-20.27	peak	H
5725	99.06	-0.12	98.94	122.20	-23.26	peak	H
5650	46.56	-0.12	46.44	68.20	-21.76	peak	V
5700	86.98	-0.12	86.86	105.20	-18.34	peak	V
5720	87.75	-0.12	87.63	110.80	-23.17	peak	V
5725	94.61	-0.12	94.49	122.20	-27.71	peak	V
5850	103.67	-0.12	103.55	122.20	-18.65	peak	H
5855	86.08	-0.12	85.96	110.80	-24.84	peak	H
5875	87.64	-0.12	87.52	105.20	-17.68	peak	H
5925	53.15	-0.12	53.03	68.20	-15.17	peak	H
5850	105.14	-0.12	105.02	122.20	-17.18	peak	V
5855	85.59	-0.12	85.47	110.80	-25.33	peak	V
5875	84.19	-0.12	84.07	105.20	-21.13	peak	V
5925	50.08	-0.12	49.96	68.20	-18.24	peak	V

Factor = Antenna Factor + Cable Loss – Pre-amplifier,

5. POWER SPECTRAL DENSITY TEST

Test Requirement:	FCC 47 CFR Part 15 Subpart E Section 15.407 (a)
Test Method:	KDB 789033 D02 v02r01

5.1 APPLIED PROCEDURES / LIMIT

For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

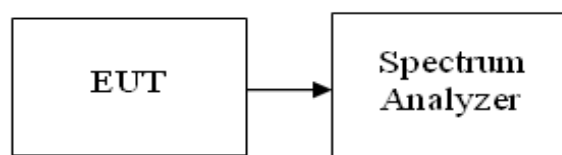
LIMIT:	U-NII-1	11DBM/MHZ
	U-NII-3	30DBM/500KHZ

5.2 TEST PROCEDURE

1. Set analyzer center frequency to DTS channel center frequency.
2. Set the span to 1.5 times the DTS bandwidth.
3. Set the RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
4. Set the VBW $\geq 3 \times \text{RBW}$.
5. Detector = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum amplitude level within the RBW.
10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

5.3 DEVIATION FROM STANDARD

No deviation.

5.4 TEST SETUP

5.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.1 Unless otherwise a special operating condition is specified in the follows during the testing.

5.6 TEST RESULT

Temperature :	26℃	Relative Humidity :	54%
Pressure :	101kPa	Test Voltage :	AC120V
Test Mode :	TX frequency U-NII-1 & U-NII-3		

U-NII-1

802.11 Mode	Channel No.	Frequency [MHz]	Measured Power Spectral Density [dBm/MHz]		Power Spectral Density Limit [dBm/MHz]	MIMO/CDD Power Density [dBm/MHz]	MIMO/CDD Power Density Limit [dBm/MHz]
			ANT1	ANT2			
a	36	5180	5.195	5.913	11	/	/
	40	5200	5.056	5.346	11	/	/
	48	5240	5.396	5.906	11	/	/
n(20MHz)	36	5180	5.526	5.951	11	8.75	9.42
	40	5200	4.468	5.736	11	8.16	9.42
	48	5240	4.964	5.306	11	8.15	9.42
ac (20MHz)	36	5180	4.286	5.014	11	7.68	9.42
	40	5200	5.224	5.863	11	8.57	9.42
	48	5240	5.444	5.817	11	8.64	9.42
n (40MHz)	38	5190	1.166	3.747	11	5.66	9.42
	46	5230	2.712	3.240	11	5.99	9.42
ac(40MHz)	38	5190	1.970	3.167	11	5.62	9.42
	46	5230	2.195	3.427	11	5.86	9.42
ac(80MHz)	42	5210	0.326	1.617	11	4.03	9.42

Note: For frequency U-NII-1, if MIMO Gain >6dBi , PSD Limit(MIMO)=11- (MIMO Gain-6dBi),
 If MIMO Gain <6dBi , PSD Limit(MIMO)=Limit =11dBm, in this report, MIMO Gain =8.6>6dBi,
 So U-NII-1 PSD Limit(MIMO)=Limit =11-(7.58-6)=11-1.58=9.42dBm

U-NII-3

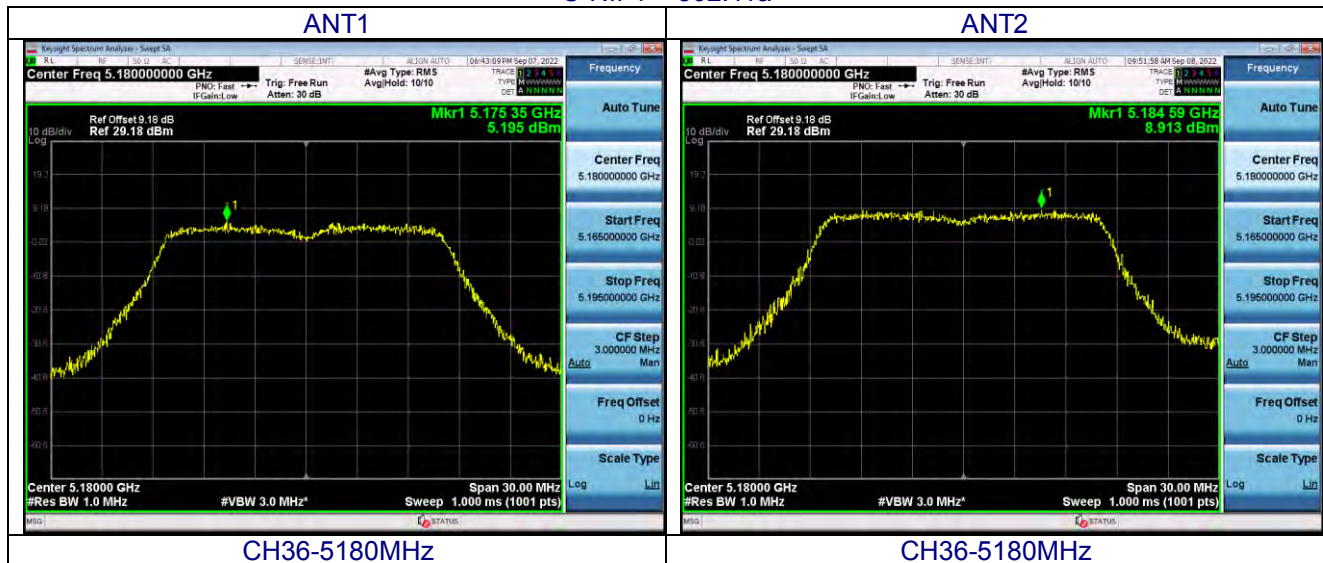
802.11 Mode	Channel No.	Frequency [MHz]	PSD [dBm/1000kHz]		PSD [dBm/500kHz]		Limit [dBm/500kHz]
			ANT1	ANT2	ANT1	ANT2	
a	149	5745	5.599	10.090	2.589	7.080	30
	157	5785	5.853	9.848	5.767	9.762	30
	165	5825	6.419	9.462	6.333	9.376	30
n (20MHz)	149	5745	4.889	8.932	4.803	8.846	30
	157	5785	5.796	9.828	5.710	9.742	30
	165	5825	6.195	8.971	6.109	8.885	30
ac (20MHz)	149	5745	5.241	8.610	5.155	8.524	30
	157	5785	5.840	8.879	5.754	8.793	30
	165	5825	6.747	9.219	6.661	9.133	30
n (40MHz)	151	5755	2.802	6.583	2.716	6.497	30
	159	5795	3.198	6.425	3.112	6.339	30
ac(40MHz)	151	5755	2.917	6.433	2.831	6.347	30
	159	5795	2.972	5.969	2.886	5.883	30
ac(80MHz)	155	5755	0.825	4.500	0.739	4.414	30

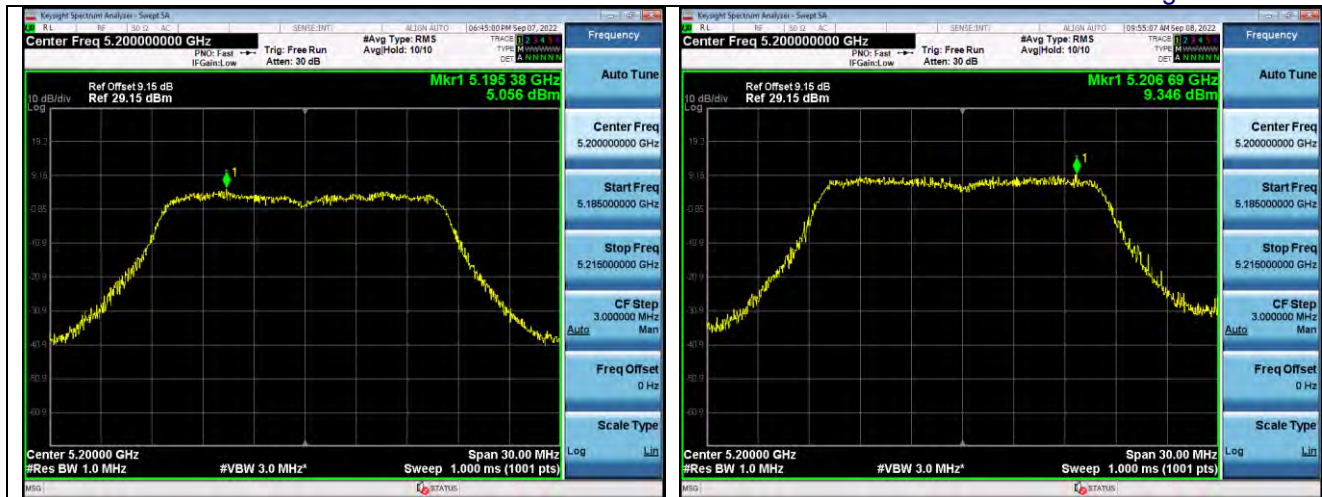
Note: Covert PSD [dBm/510KHz]= PSD[dBm/1000KHz]+10*log(500/1000)

802.11 Mode	Channel No.	Frequency [MHz]	Meas PSD [dBm/500kHz]		MIMO/CDD Power Density [dBm/500kHz]	MIMO/CDD Power Density Limit [dBm/500kHz]
			ANT1	ANT2		
a	36	5745	2.589	7.080	/	/
	40	5785	5.767	9.762	/	/
	48	5825	6.333	9.376	/	/
n (20MHz)	36	5745	4.803	8.846	10.29	28.42
	40	5785	5.710	9.742	11.19	28.42
	48	5825	6.109	8.885	10.73	28.42
ac (20MHz)	36	5745	5.155	8.524	10.17	28.42
	40	5785	5.754	8.793	10.54	28.42
	48	5825	6.661	9.133	11.08	28.42
n (40MHz)	38	5755	2.716	6.497	8.02	28.42
	46	5795	3.112	6.339	8.03	28.42
ac(40MHz)	38	5755	2.831	6.347	7.95	28.42
	46	5795	2.886	5.883	7.65	28.42
ac(80MHz)	42	5755	0.739	4.414	5.96	28.42

Note: For frequency U-NII-3, if MIMO Gain >6dBi , PSD Limit(MIMO)=30- (MIMO Gain-6dBi),
 If MIMO Gain <6dBi ,PSD Limit(MIMO)=Limit =30dBm/500kHz, in this report, MIMO Gain =9.77>6dBi,
 So U-NII-3 PSD Limit(MIMO)=Limit =30-(7.58-6)=30-1.58=28.42dBm/500kHz

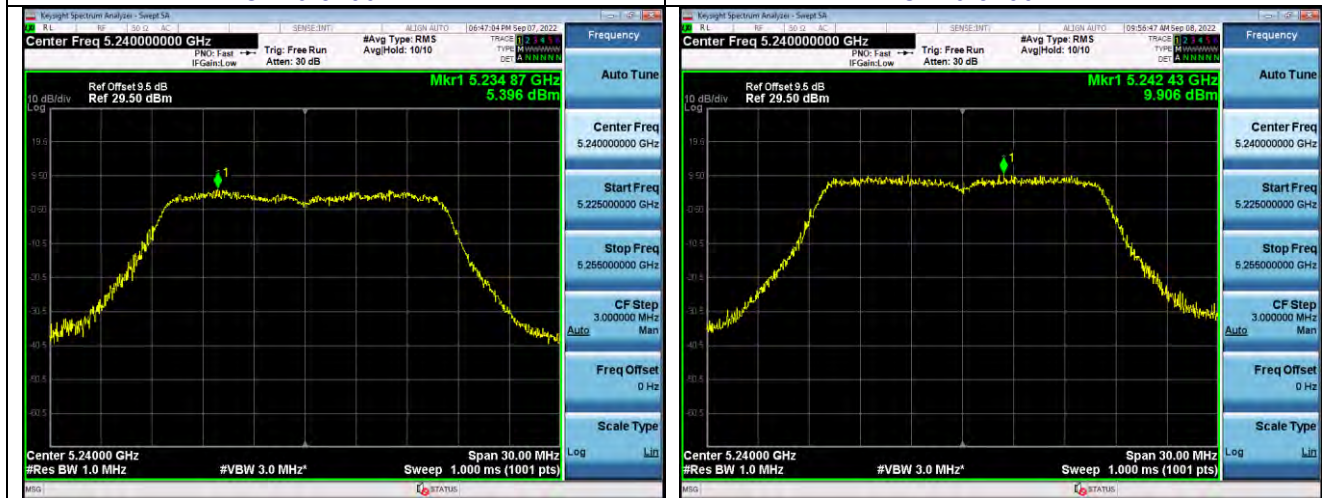
U-NII-1 – 802.11a





CH40-5200MHz

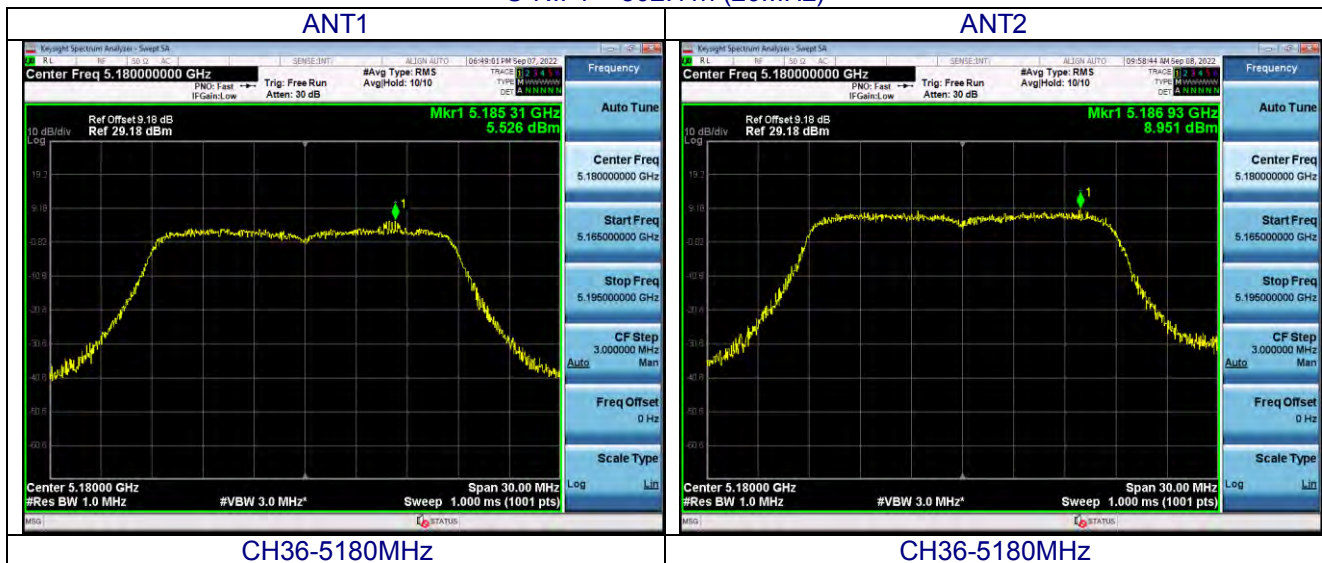
CH40-5200MHz



CH48-5240MHz

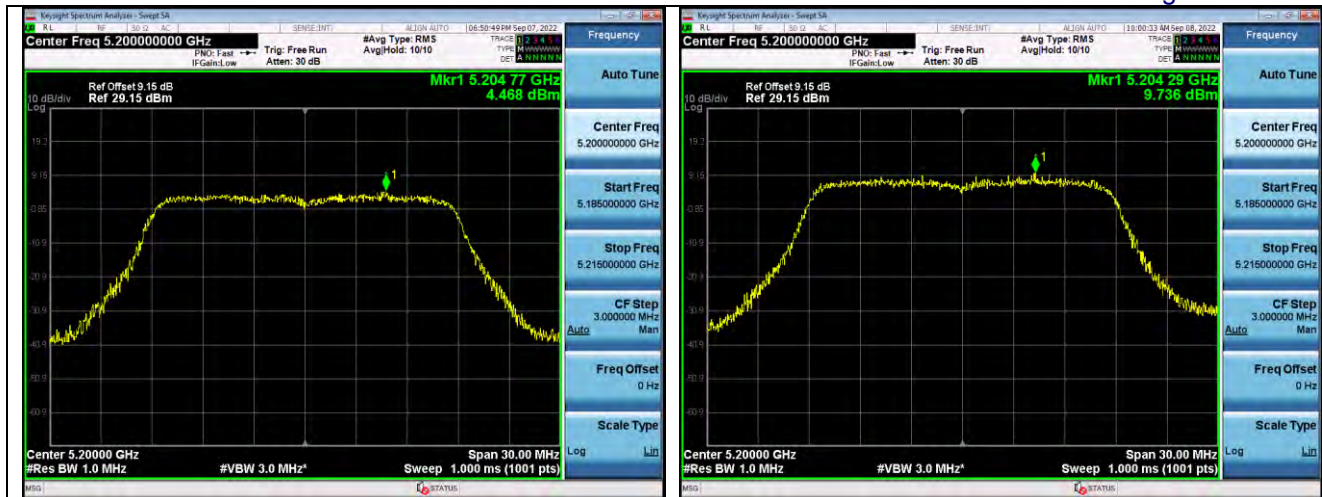
CH48-5240MHz

U-NII-1 – 802.11n (20MHz)



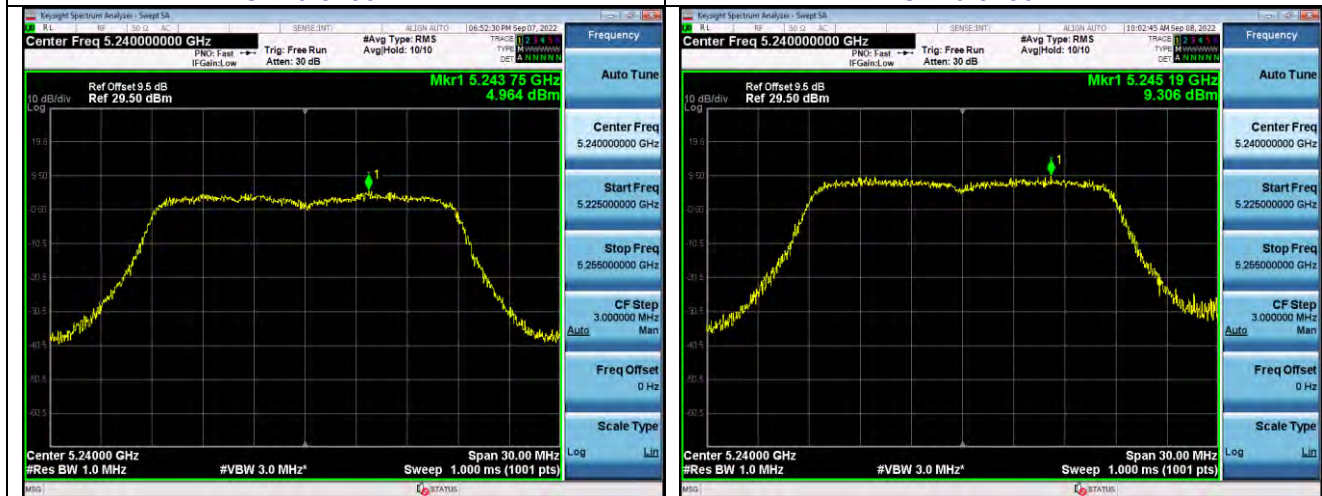
CH36-5180MHz

CH36-5180MHz



CH40-5200MHz

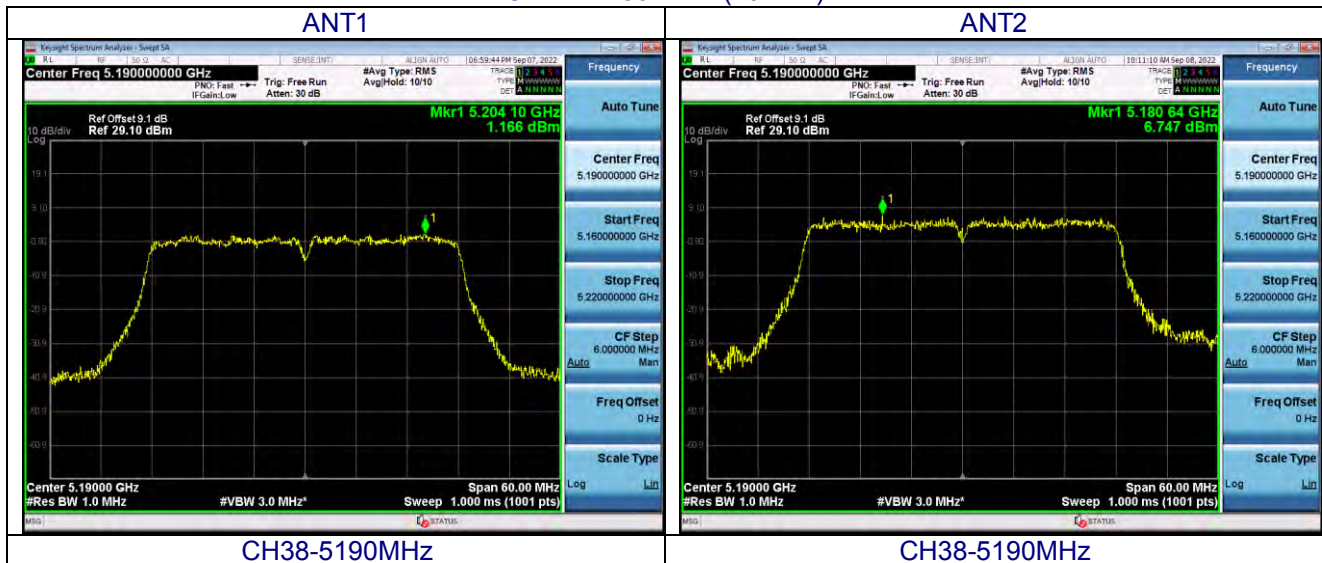
CH40-5200MHz



CH48-5240MHz

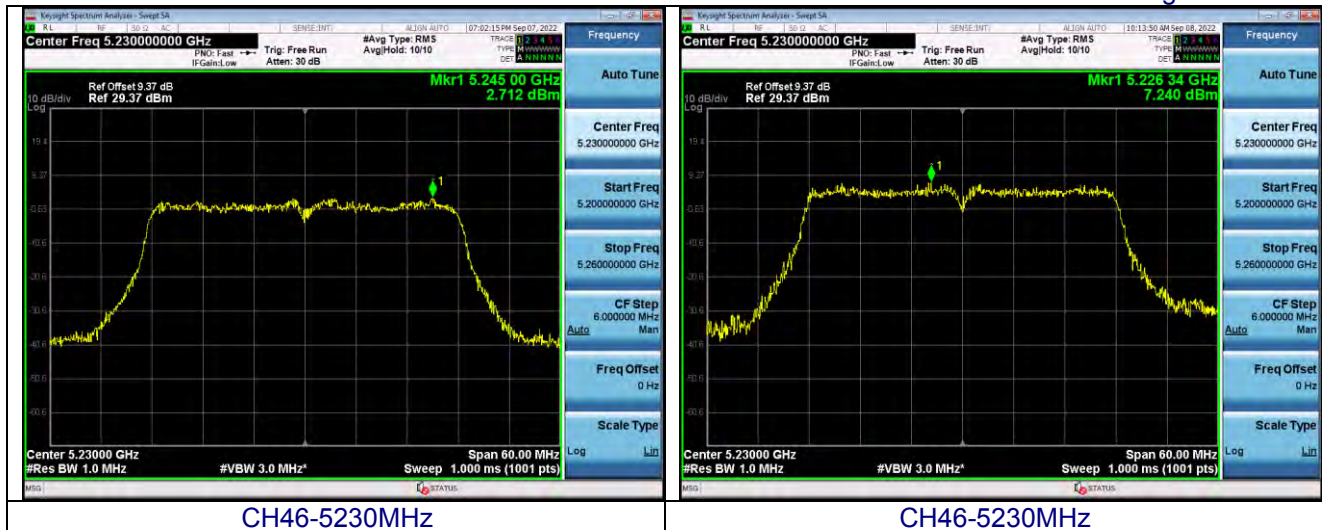
CH48-5240MHz

U-NII-1 – 802.11n (40MHz)

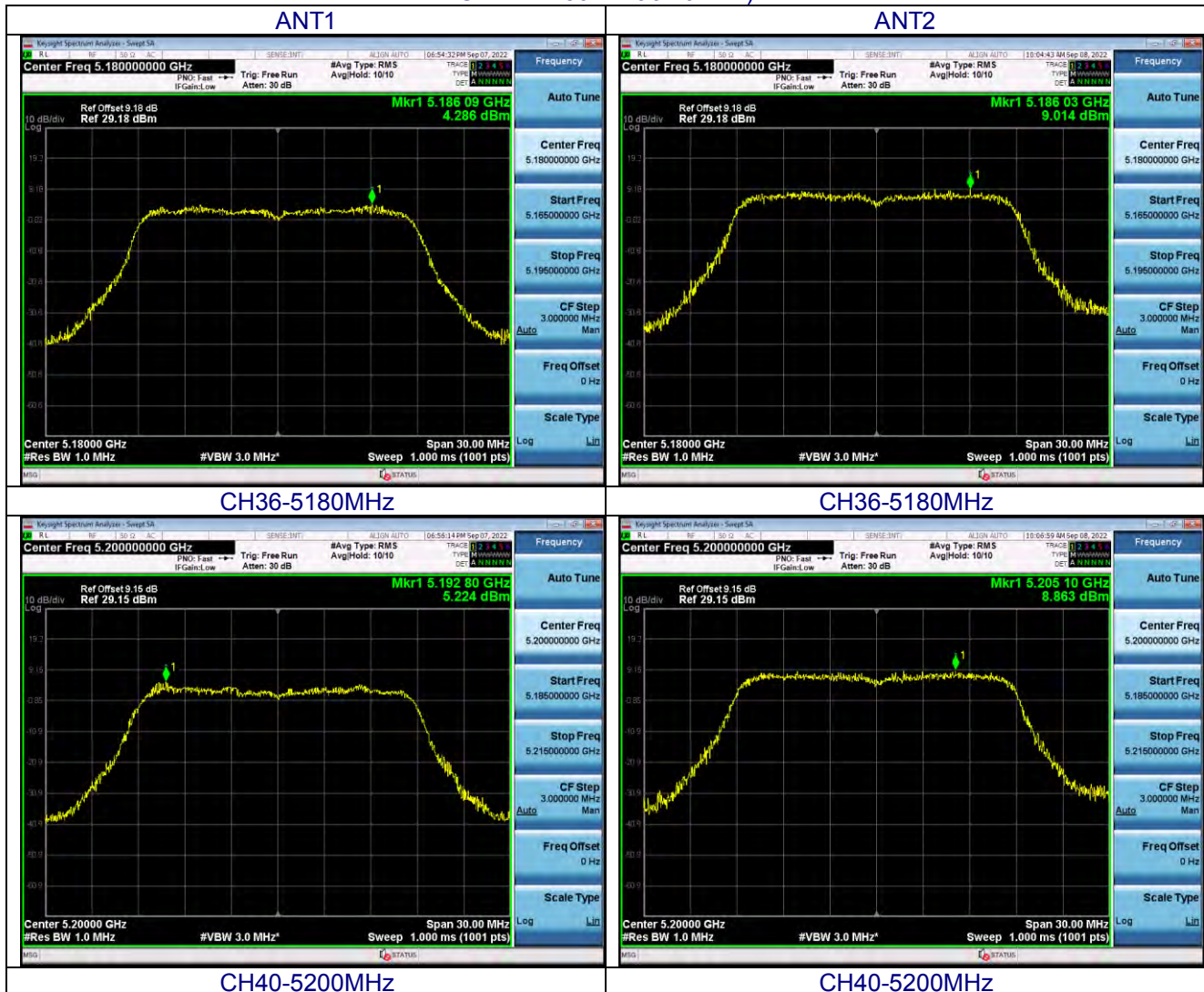


CH38-5190MHz

CH38-5190MHz

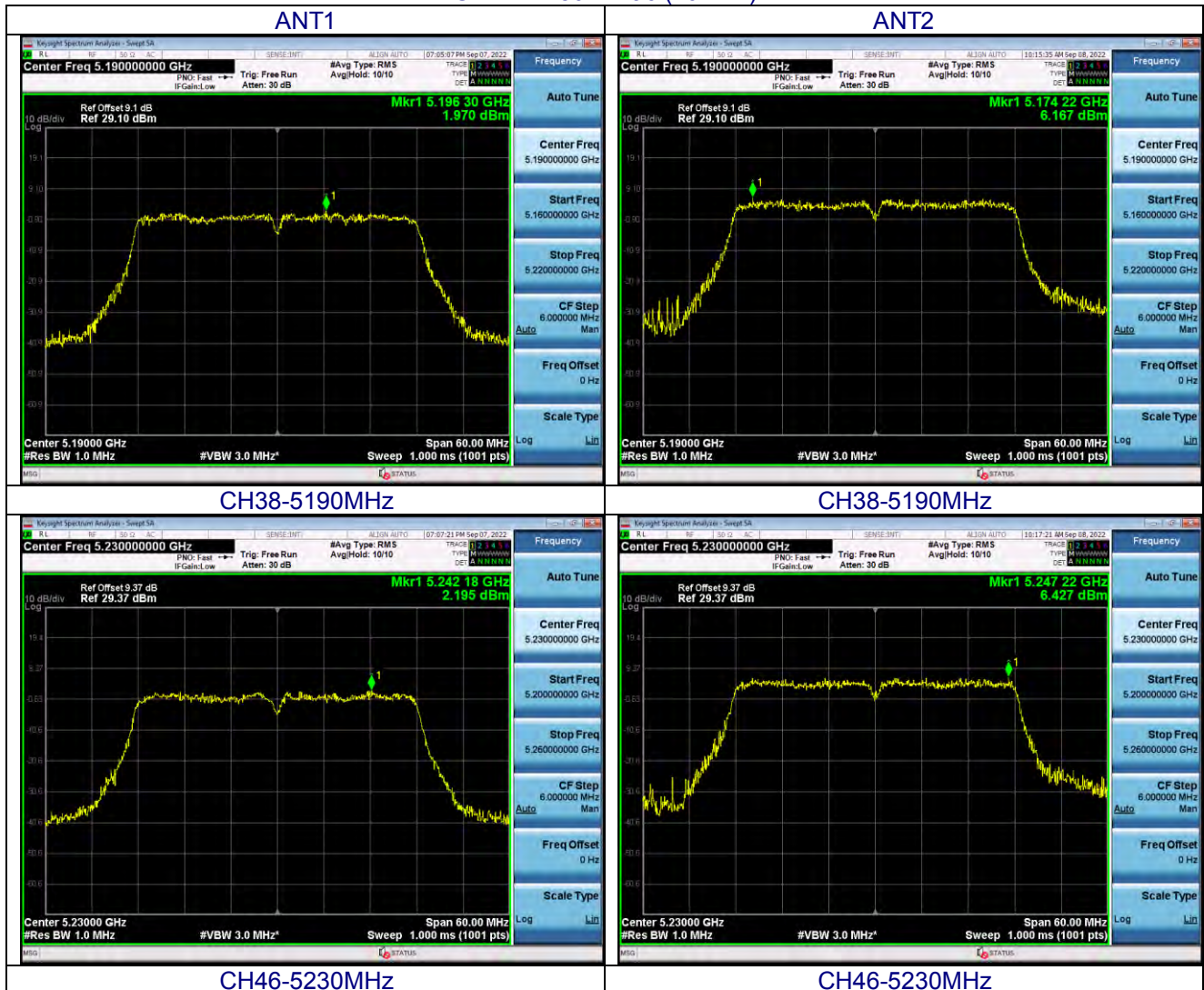


U-NII-1 – 802.11ac 20MHz)

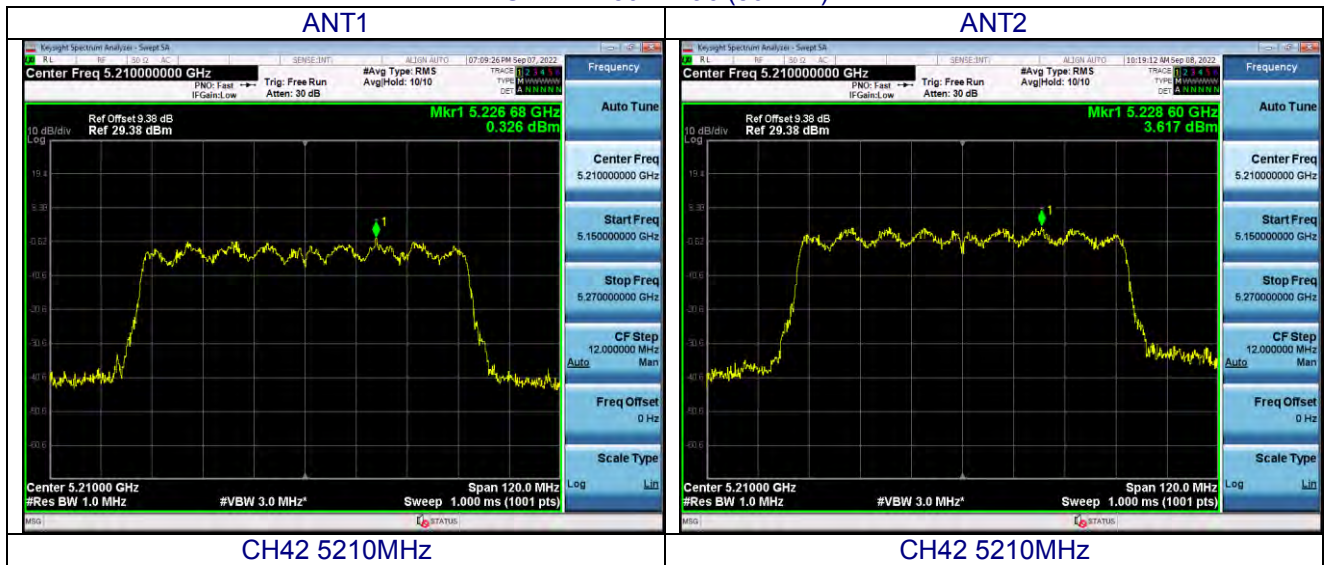




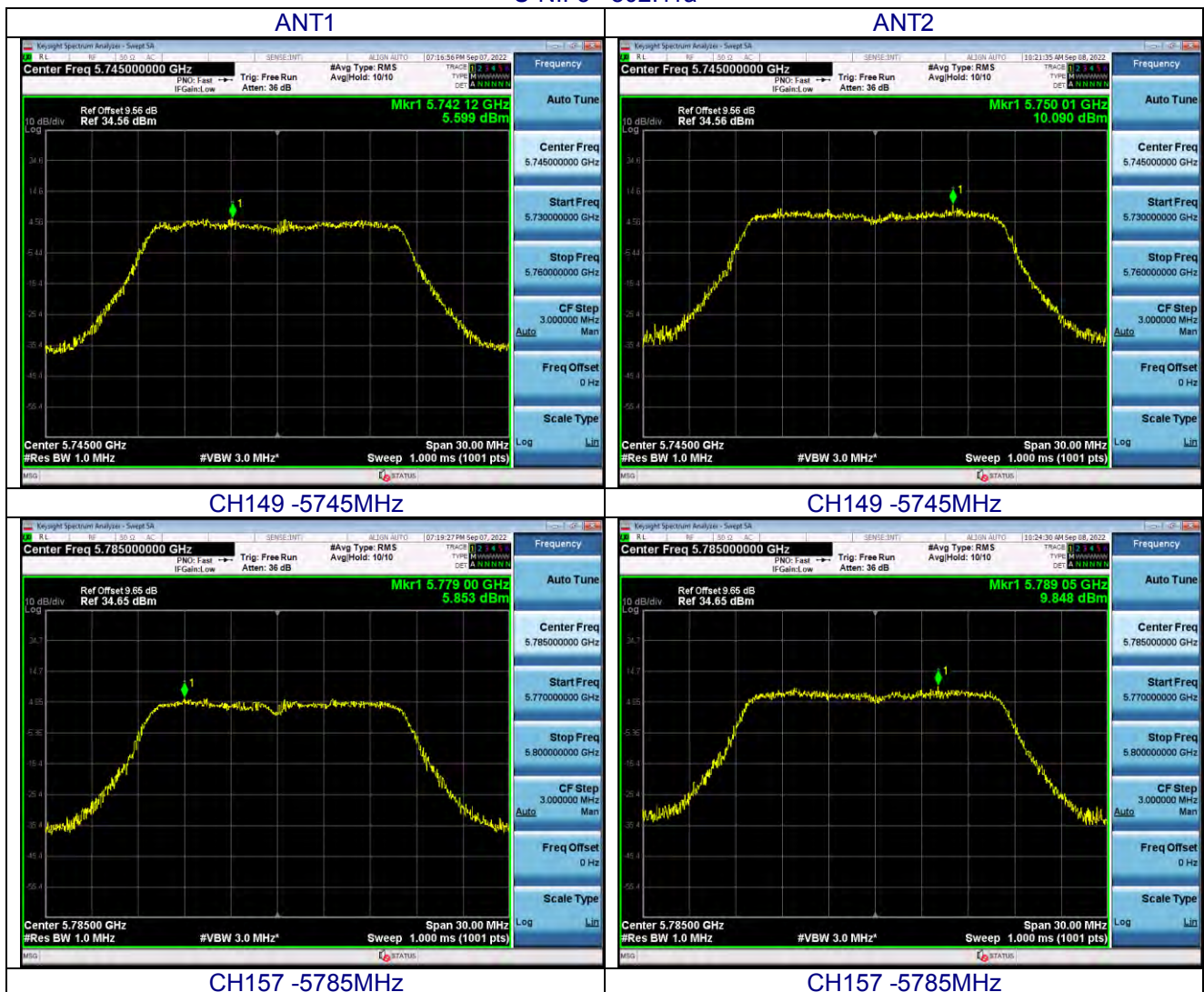
U-NII-1 – 802.11ac (40MHz)

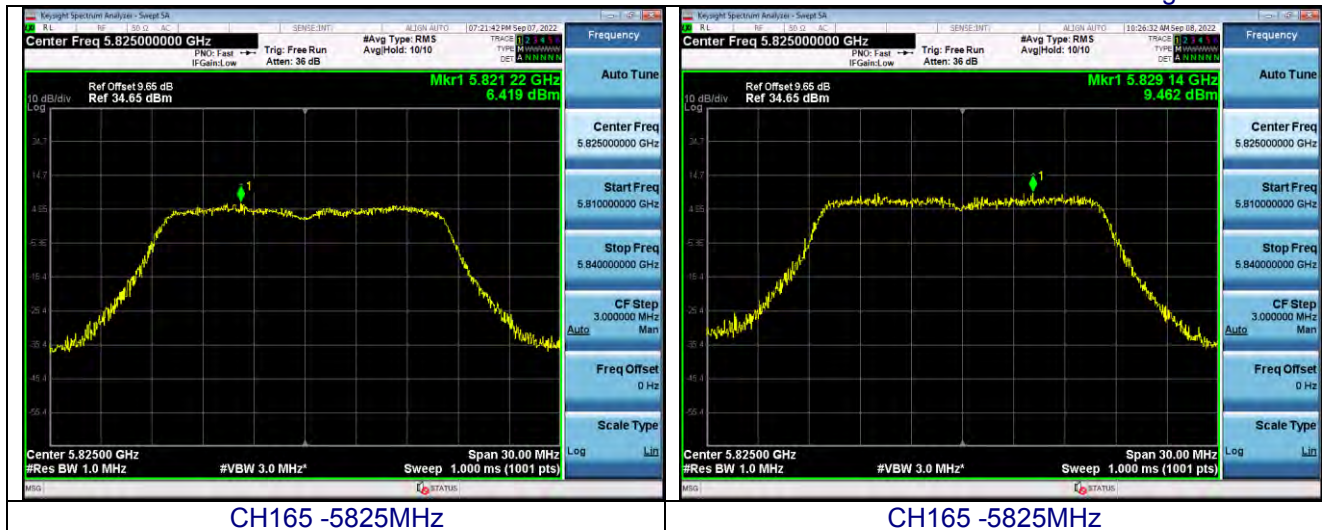


U-NII-1 -802.11ac (80MHz)

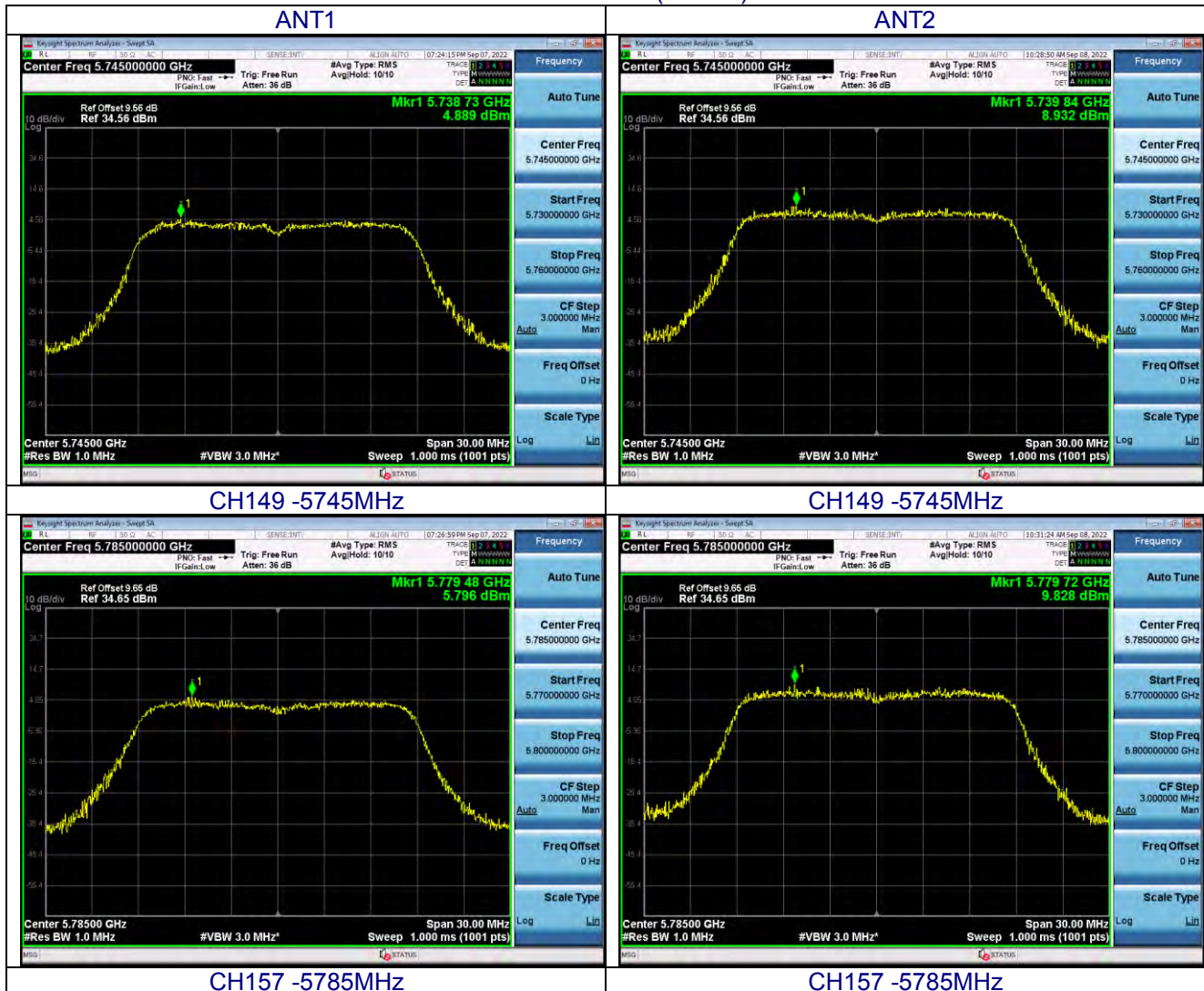


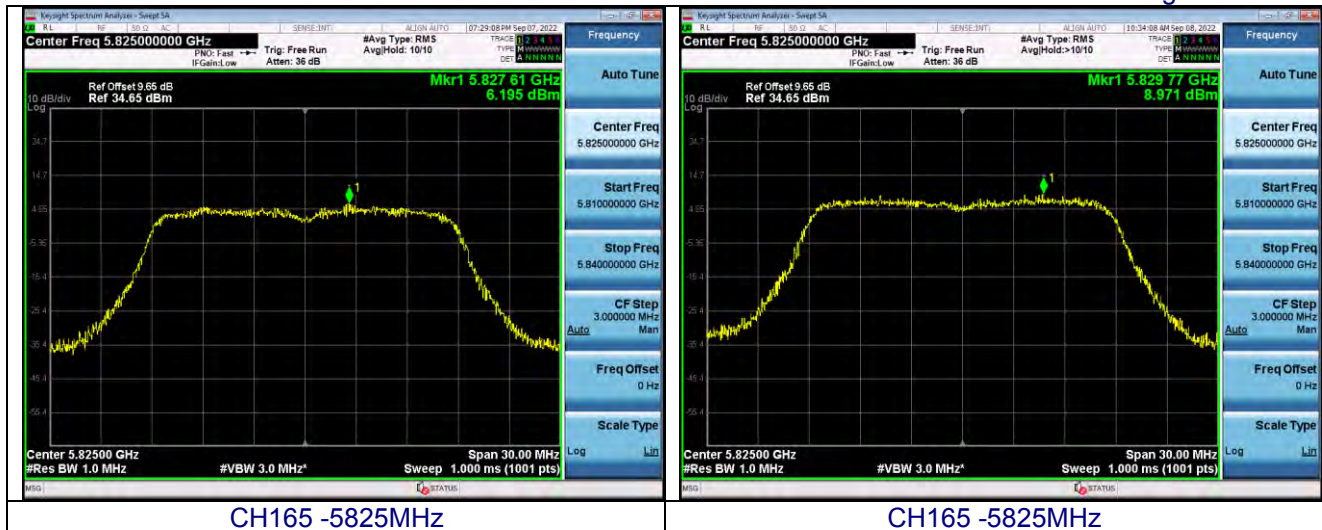
U-NII-3 -802.11a



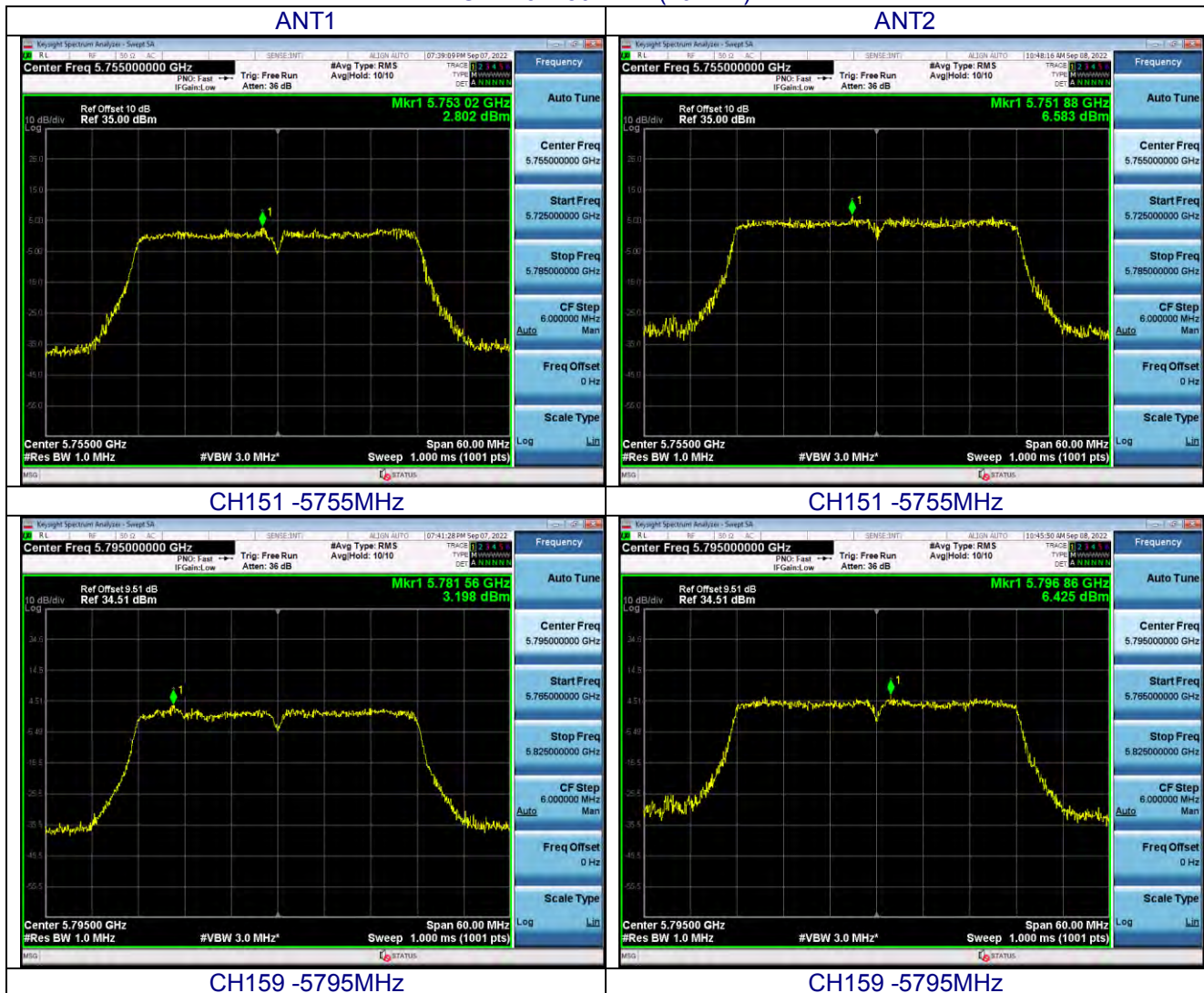


U-NII-3 -802.11n (20MHz)

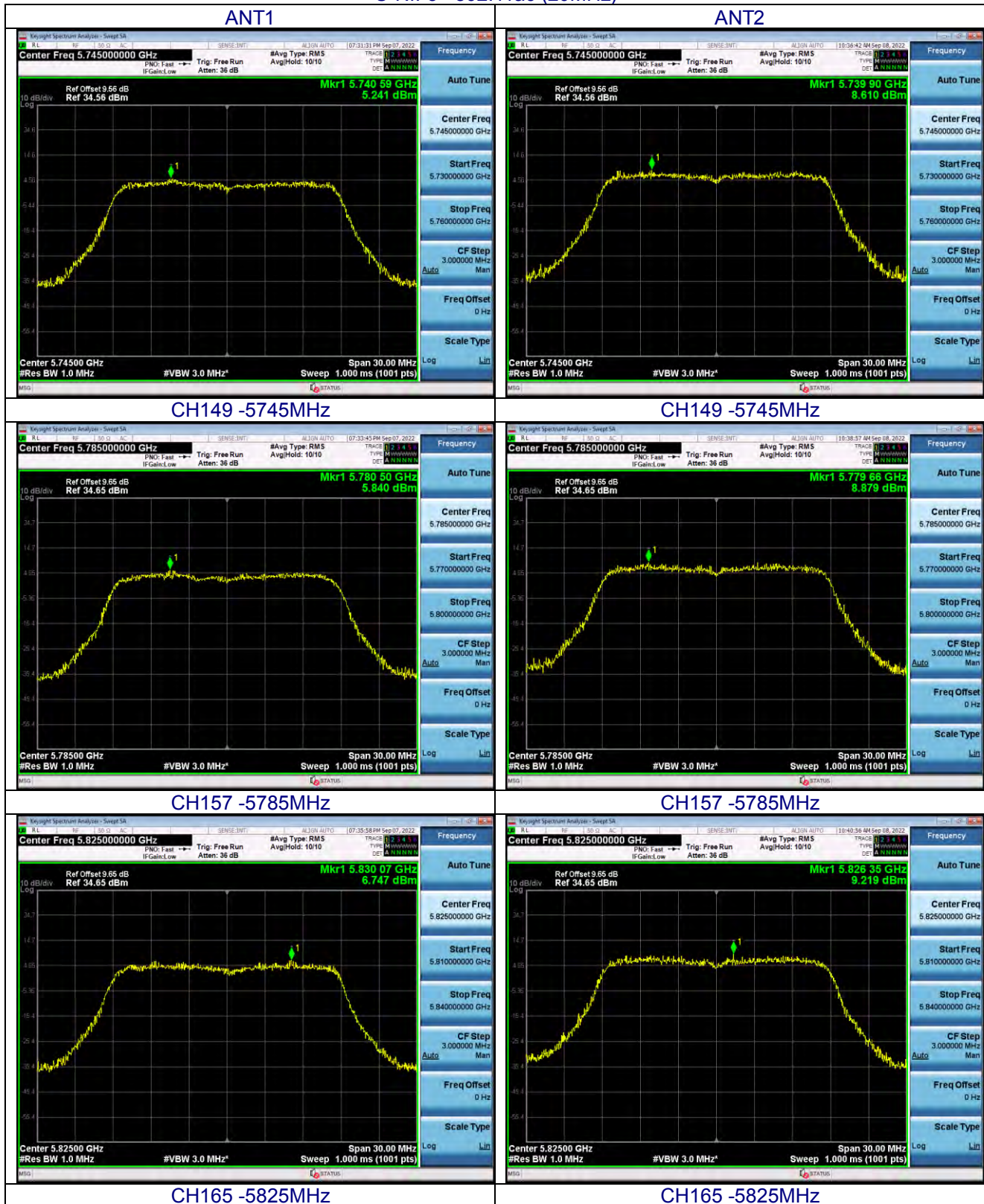




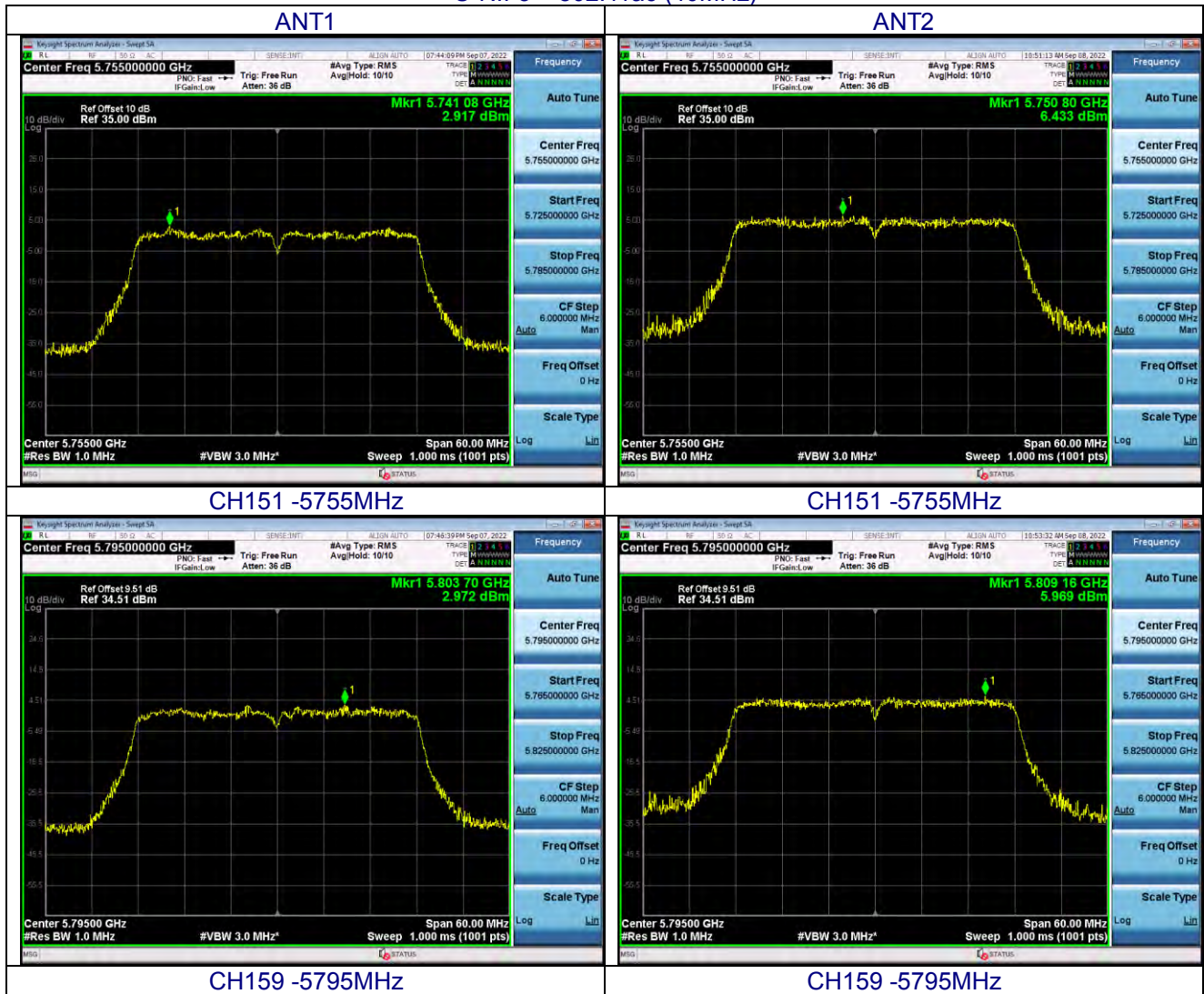
U-NII-3 – 802.11n (40MHz)



U-NII-3 -802.11ac (20MHz)



U-NII-3 – 802.11ac (40MHz)



U-NII-3– 802.11ac (80MHz)

