

TEST REPORT

Client Information:

Applicant:	Siragon Corporate
Applicant add.:	CR MANZANA A LOCAL SHED NRO 1-4 VALLE ALTO GUAYABAL, NAGUANAGUA CARABOBO ZIP 2005. IVORY STORE,Venezuela
Manufacturer:	Shenzhen KEP Technology CO., LTD
Manufacturer add.:	Room 101, 201 and 301, Plant B, 1-3F of Plant A, FenghuangGang First Industrial Area, FenghuangGang Community, Xixiang Street, Bao' an District, Shenzhen City, Guangdong Province, China

Product Information:

Product Name:	SMARTPHONE
Model No.:	SP-7300
Brand Name:	SIRAGON
FCC ID:	2BACG-SP-7300

Applicable standards: FCC CFR Title 47 Part 15 Subpart E Section 15.407

Prepared By:

Dongguan Yaxu (AiT) Technology Limited

No.22, Jinqianling 3rd Street, Jitigang, Huangjiang, Dongguan, Guangdong, China Tel.: +86-769-8202 0499 Fax.: +86-769-8202 0495

Date of Receipt:	2023.07.04	Date of Test: 2023.07.04-2023.07.26
Date of Issue:	2023.07.26	Test Result: Pass

This device described above has been tested by Dongguan Yaxu (AiT) Technology Limited 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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Reviewed by: Jimba Huang

Approved by: Seal-Chen Seal.chen



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Revision	Issue Date	Revisions	Revised By
000	2023.07.26	Initial Issue	Seal Chen



2 Test Summary

Applied Standard: FCC CFR 47 PART 15.407						
Requirement	Operatio	onal Mode	RESULTS			
Requirement	Master	Client	RESOLIS			
Non-Occupancy Period	Yes	Yes	Pass			
DFS Detection Threshold	Yes	Not required	Not required			
Channel Availability Check Time	Yes	Not required	Not required			
Channel Closing Transmission Time	Yes	Yes	Pass			
Channel Move Time	Yes	Yes	Pass			
U-NII Detection Bandwidth	Yes	Not required	Not required			

2.1 Statement of the Measurement Uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. To CISPR 16 - 4 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the AiT quality system acc. To DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

2.2 Measurement Uncertainty

No.	Item	Uncertainty
1	DFS Threshold (radiated)	±1.50dB
2	DFS Threshold (conducted)	±1.45dB
3	Temperature	±0.5°C
4	Humidity	±2%

(1). This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



3 Test Facility

The test facility is recognized, certified or accredited by the following organizations: .CNAS- Registration No: L6177

Dongguan Yaxu (AiT) technology Limited is accredited to ISO/IEC 17025:2017 general Requirements for the competence of testing and calibration laboratories (CNAS-CL01 Accreditation Criteria for the competence of testing and calibration laboratories) on April 18, 2022

FCC-Registration No.: 703111 Designation Number: CN1313

Dongguan Yaxu (AiT) technology Limited has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

IC —Registration No.: 6819A CAB identifier: CN0122

The 3m Semi-anechoic chamber of Dongguan Yaxu (AiT) technology Limited has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 6819A

A2LA-Lab Cert. No.: 6317.01

Dongguan Yaxu (AiT) technology Limited has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

3.1 Deviation from standard

None

3.2 Abnormalities from standard conditions

None

3.3 Test Location

Dongguan Yaxu (AiT) Technology Limited

Address: No.22, Jinqianling 3rd Street, Jitigang, Huangjiang, Dongguan, Guangdong, China

Tel.: +86-769-8202 0499

Fax.: +86-769-8202 0495



4 General Information

EUT Name:	SMARTPHONE							
Model No:	SP-7300							
Serial Model:	N/A							
Test sample(s) ID:	AIT23070401-1							
Sample(s) Status:	Engineer sample							
	BandModeFrequency Range(MHz)Number of channels							
	U-NII Band I	IEEE 802.11a	5180-5240	4				
		IEEE 802.11n/ac/ax 20MHz	5180-5240	4				
		IEEE 802.11n/ac/ax 40MHz	5190-5230	2				
Operation frequency:		IEEE 802.11ac/ax 80MHz	5210	1				
	U-NII Band II-A	IEEE 802.11a	5260-5320	4				
		IEEE 802.11n/ac/ax 20MHz	5260-5320	4				
		IEEE 802.11n/ac/ax 40MHz	5270-5310	2				
		IEEE 802.11ac/ax 80MHz	5290	1				
Modulation Technology:	OFDM							
Modulation Type	IEEE 802.11a/n/a	ac/ax: OFDM(64QAM, 16QAM	M, QPSK, BPSł	<)				
Antenna Type:	FCB antenna							
Antenna gain:	-2.8dBi							
Hardware version .:	M189_V1							
Software version .:	VIA_X30_Plus_20	0230628_c1.01						
Power supply:	DC 3.87V 4850m/	Ah for Battery						
Difference Description	N/A.							

Note:

For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.



4.1 Test frequencies

EUT channels and frequencies list:

Channel list for 802.11a/n(HT20)/ax(HE20)								
Channel Frequency Channel Frequency Channel Frequency Channel Freq							Frequency	
36	5180MHz	40	5200MHz	44	5220MHz	48	5240MHz	
52	5260MHz	56	5280MHz	60	5300MHz	64	5320MHz	

Channel list for 802.11n(HT40)/ax(HE40)							
Channel Frequency Channel Frequency Channel Frequency Channel Frequency							Frequency
38	5190MHz	46	5230MHz	54	5270MHz	62	5310MHz

Channel list for 802.11ac(HT80)/ax(HE80)							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
42	5210MHz	58	5290MHz	106		122	

4.2 EUT Peripheral List

No.	Equipment	Manufacturer	EMC Compliance	Model No.	Serial No.	Power Cord	Signal Cord
1	Adapter	N/A	FCC	ES019D-U12 0167XYF	N/A	N/A	N/A

4.3 Test Peripheral List

No.	Equipment	Manufacturer	EMC Compliance	Model No.	Serial No.	Power Cord	Signal Cord
1	PC	DELL		E7430	N/A	N/A	N/A



4.4 TEST METHODOLOGY

This report has been prepared to demonstrate compliance with the requirements for Dynamic Frequency Selection (DFS) as stated in FCC CFR 47 PART 15E(15.407). Testing was performed in accordance with the measurement procedure described in FCC KDB 905462 D02 v02

4.5 Description of Test Modes

The EUT has been tested under operating condition.

Worst-Case data rates were utilized from preliminary testing of the Chipset, worst-case data rates used during the testing are as follows:

IEEE 802.11ac VHT80 Mode: MCS0, OFDM.



5 Equipment Used during Test

No	Test Equipment	Manufacturer	Model No	Serial No	Cal. Date	Cal. Due Date			
1	Spectrum Analyzer	R&S	FSV40	101470	2022.09.02	2023.09.01			
2	EMI Measuring Receiver	R&S	ESR	101160	2022.09.02	2023.09.01			
3	Low Noise Pre Amplifier	HP	HP8447E	AiT-F01319	2022.09.02	2023.09.01			
4	Low Noise Pre Amplifier	Tsj	MLA-0120-A02 -34	2648A04738	2022.09.02	2023.09.01			
5	Passive Loop	ETS	6512	00165355	2020.09.05	2022.09.04			
6	TRILOG Super Broadband test Antenna	SCHWARZBECK	VULB9160	9160-3206	2021.08.29	2024.08.28			
7	Broadband Horn Antenna	SCHWARZBECK	BBHA9120D	452	2021.08.29	2024.08.28			
8	SHF-EHF Horn Antenna 15-40GHz	SCHWARZBECK	BBHA9170	BBHA9170367 d	2020.11.24	2023.11.23			
9	EMI Test Receiver	R&S	ESCI	100124	2022.09.02	2023.09.01			
10	LISN	Kyoritsu	KNW-242	8-837-4	2022.09.02	2023.09.01			
11	LISN	R&S	ESH3-Z2	0357.8810.54- 101161-S2	2022.09.02	2023.09.01			
12	Pro.Temp&Humi.chamber	MENTEK	MHP-150-1C	MAA08112501	2022.09.02	2023.09.01			
13	RF Automatic Test system	MW	MW100-RFCB	21033016	2022.09.02	2023.09.01			
14	Signal Generator	Agilent	Agilent N5182A MY50143009 2022.09.02		2022.09.02	2023.09.01			
15	Wideband Radio communication tester	R&S		1201.0002K50	2022.09.02	2023.09.01			
16	RF Automatic Test system	MW	MW100-RFCB	21033016	2022.09.02	2023.09.01			
17	DC power supply	ZHAOXIN	RXN-305D-2	28070002559	N/A	N/A			
18	RE Software	EZ	EZ-EMC_RE	Ver.AIT-03A	N/A	N/A			
19	CE Software	EZ	EZ-EMC_CE	Ver.AIT-03A	N/A	N/A			
20	RF Software	MW	MTS 8310	2.0.0.0	N/A	N/A			
21	temporary antenna connector(Note)	NTS	R001	N/A	N/A	N/A			
Note	Note: The temporary antenna connector is soldered on the PCB board in order to perform conducted tests and this temporary antenna connector is listed in the equipment list.								



5.1 TEST METHODOLOGY

This report has been prepared to demonstrate compliance with the requirements for Dynamic Frequency Selection (DFS) as stated in FCC CFR 47 PART 15E(15.407). Testing was performed in accordance with the measurement procedure described in FCC KDB 905462 D02 v02

5.2 Description of Test Modes

The EUT has been tested under operating condition.

Worst-Case data rates were utilized from preliminary testing of the Chipset, worst-case data rates used during the testing are as follows:

IEEE 802.11ac VHT80 Mode: MCS0, OFDM.



6 SYSTEM TEST CONFIGURATION

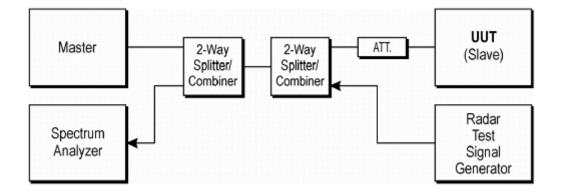
6.1 Justification

- 1. Connect FCC approved Master AP to a network, via wired Ethernet, that allows connection to an FTP server.
- 2. Associate the EUT with the Master AP.
- 3. Launch the FTP application on the EUT.
- 4. Connect to the FTP server application to the FTP server hosting the file
- 5. Initiate an FTP download of the file from the host.
- 6. Monitor the channel loading during transfer.
- 7. Reduce the maximum allowed data rate for the Master AP, using the AP's GUI interface.
- 8. Repeat steps 4-6 until the channel loading is as close to 20 % as possible.
- Record the data rate setting on the Master AP and the channel loading.
 While the system is performing an FTP transfer using the settings form item 8 above, perform the Channel Closing Transmission Time and Channel Move Time Measurements as required by KDB905462 D02 v02 using a conducted test.

6.2 EUT Exercise Software

The system is configured to test under continuous transmission conditions and change the test channel by means of instruction codes.

6.3 Test Setup



6.4 Procedure

The KDB905462 D02 v02 describes a conducted test setup. Each one channel selected between bands 2, band 3 is chosen for the testing.

1. The radar pulse generator is setup to provide a pulse at the frequency that the Master and Client are operating. A Type 0 radar pulse with a 1 μ s pulse width and a 1428 μ s PRI is used for the testing.



- 2. The vector signal generator is adjusted to provide the radar burst (18 pulses) at a level of approximately -62 dBm at the antenna of the Master device.
- 3. The Client Device (EUT) is set up per the diagram in Figure 3-1 and communications between the Master device and the Client is established.
- 4. The MPEG file specified by the FCC ("6½ Magic Hours") is streamed from the "file computer" through the Master to the Slave Device and played in full motion video using Media Player Classic Ver.6.4.8.6 in order to properly load the network.
- 5. The spectrum analyzer is set to record about 15 sec window to any transmissions occurring up to and after 10 sec.
- 6. The system is again setup and the monitoring time is shortened in order to capture the Channel Closing Transmission Time. This time is measured to insure that the Client ceases transmission within 200 ms and the aggregate of emissions occurring after 200 ms up to 10 sec do not exceed 60 ms.

(Note: the channel may be different since the Master and Client have changed channels due to the detection of the initial radar pulse.)

7. After the initial radar burst the channel is monitored for 30 minutes to insure no transmissions or beacons occur. A second monitoring setup is used to verify that the Master and Client have both moved to different channels.



7 SYSTEM TEST CONFIGURATION

7.1 Standard requirement:

KDB905462 D02 v02 (04/08/2016) the following are the requirements for Client Devices:

1) A Client Device will not transmit before having received appropriate control signals from a Master Device.

2) A Client Device will stop all its transmissions whenever instructed by a Master Device to which it is associated and will meet the Channel Move Time and Channel Closing Transmission Time requirements.

The Client Device will not resume any transmissions until it has again received control signals from a Master Device.

3) If a Client Device is performing In-Service Monitoring and detects a Radar Waveform above the DFS Detection Threshold, it will inform the Master Device. This is equivalent to the Master Device detecting the Radar Waveform and d) through f) of section 5.1.1(KDB905462 D02 v02) apply.

4) Irrespective of Client Device or Master Device detection the Channel Move Time and Channel Closing Transmission Time requirements remain the same.

7.2 Limit:

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Clasing Transmission Time	200 milliseconds + an Aggregate of 60 milliseconds over
Channel Closing Transmission Time	Remaining 10 second period. See Notes 1 and 2.
LI NII Detection Dendwidth	Minimum 100 % of the U-NII 99 % transmission power
U-NII Detection Bandwidth	bandwidth. See Note 3.

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.



8 DFS DETECTION THRESHOLD VALUES

The DFS detection thresholds are defined for Master devices and Client Devices with In-service monitoring. These detection thresholds are listed in the following table.

Maximum Transmit Power	Value (See Notes 1 and 2)	
EIRP≥ 200 milliwatt	-64 dBm	
EIRP< 200 milliwatt and	-62 dBm	
Power pectral < 10 dBm/MHz	-02 00111	
EIRP<200 milliwatt that do not meet the power	-64 dBm	
spectral density requirement	-64 0611	

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.

Carlibration:

The EUT is slave equipment with a max gain is 2.01dBi;running flow should reach more than 50%.

For a detection threshold level of -62dBm and the master (Brand: Sanmsung), Model: S2LF812265, FCC ID: A3LWEA453E) antenna gain is 3.0 dBi, required detetion threshold is -59.00 dBm (=-62+3.0)

Maximum transmit power is less than 200 milliwatt in this report, so detection threshold level is -62dBm.

Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.

Note 3: EIRP is based on the highest antenna. For MIMO devices refer to KDB Publication 662911 D01.



9 DFS TEST SIGNALS

As the EUT is a Client Device with no Radar Detection only one type radar pulse is required for the testing. Radar Pulse type 0 was used in the evaluation of the Client device for the purpose of measuring the Channel Move Time and the Channel Closing Transmission Time.

Radar	Pulse Width	PRI	Number of Pulses	Minimum	Minimum
Туре	(µsec)	(µsec)		Percentage of	Number of
				Successful	Trials
				Detection	
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a Test B: 15 unique PRI values randomly selected within the range of 518-3066 µsec, with a minimum increment of 1 µsec, excluding PRI values selected in Test A	$\operatorname{Roundup}\left\{ \begin{pmatrix} \frac{1}{360} \end{pmatrix} \right\}$	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-	4)		80%	120
Note 1: Sh	ort Dulco Dada	r Type 0 should be u	ead for the detection be	ndwidth toet ah	annal mova

Table 5 – Short Pulse	e Radar Test Waveforms

Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B.

Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Number of Trials
5	50-100	5-20	1000- 2000	1-3	8-20	80%	30

The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the Long Pulse Radar Type waveforms. If more than 30 waveforms are used for the Long Pulse Radar Type waveforms, then each additional waveform must also be unique and not repeated from the previous waveforms.

Rad Tyj		PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

Table 7 – Frequency Hopping Radar Test Waveform

Table 5a - Pulse Repetition Intervals Values for Test A

Pulse Repetition Frequency Number	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)
1	1930.5	518
2	1858.7	538
3	1792.1	558
4	1730.1	578
5	1672.2	598
6	1618.1	618
7	1567.4	638
8	1519.8	658
9	1474.9	678
10	1432.7	698
11	1392.8	718
12	1355	738
13	1319.3	758
14	1285.3	778
15	1253.1	798
16	1222.5	818
17	1193.3	838
18	1165.6	858
19	1139	878
20	1113.6	898
21	1089.3	918
22	1066.1	938
23	326.2	3066

Manufacturer's Statement Regarding Uniform Channel Spreading

The end product implements an automatic channel selection feature at startup such that operation commences on channels distributed across the entire set of allowed 5GHz channels. This feature will ensure uniform spreading is achieved while avoiding non-allowed channels due to prior radar events.

TEST AND MEASUREMENT SYSTEM

System Overview

The measurement system is based on a conducted test method.

The short pulse and long pulse signal generating system utilizes the NTIA software and the same



manufacturer / model Vector Signal Generator as the NTIA. The hopping signal generating system utilizes the simulated hopping method.

The software selects waveform parameters from within the bounds of the signal type on a random basis using uniform distribution. The short pulse types 2, 3 and 4, and the long pulse type 5 parameters are randomized at run-time. The hopping type 6 pulse parameters are fixed while the hopping sequence is based on the August 2005 NTIA Hopping Frequency List, with the initial starting point randomized at run-time.

The signal monitoring equipment consists of a spectrum analyzer with the capacity to display 8192 bins on the horizontal axis. A time-domain resolution of 2 msec / bin is achievable with a 16 second sweep time, meeting the 10 second short pulse reporting criteria. The aggregate ON time is calculated by multiplying the number of bins above a threshold during a particular observation period by the dwell time per bin, with the analyzer set to peak detection and max hold. A time-domain resolution of 3 msec / bin is achievable with a 24 second sweep time, meeting the 22 second long pulse reporting criteria and allowing a minimum of 10 seconds after the end of the long pulse waveform.

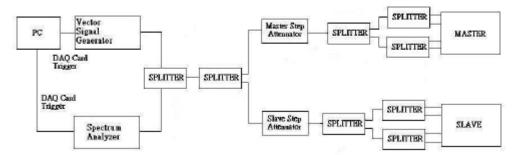
Frequency Hopping Signal Generation

The hopping burst generator is a High Speed Digital I/O card plugged into the control computer. This card utilizes an independent hardware clock reference therefore the output pulse timing is unaffected by host computer operating system latency times.

The software selects the hopping sequence as a 100-length segment of the August 2005 NTIA hopping frequency list. This list contains 274 unique pseudorandom sequences. Each such sequence contains 475 frequencies ordered on a random without replacement basis. Each successive trial uses a contiguous 100- length segment from within each successive 475-length sequence in the list. The initial starting point within the list is randomized at run-time such that the first 100-length segment is entirely contained within the first 475-length sequence. The starting point of each successive trial is incremented by 475.

Each frequency in the 100-length segment is compared to the boundaries of the EUT Detection Bandwidth and the software creates a hopping burst pattern in accordance with Section 7.4.1.3 Method #2 Simulated Frequency Hopping Radar Waveform Generating Subsystem of FCC 06-96 APPENDIX. The frequency of the signal generator is incremented in 1 MHz steps from FL to FH for each successive trial. This incremental sequence is repeated as required to generate a minimum of 30 total trials and to maintain a uniform frequency distribution over the entire Detection Bandwidth.

Conducted Method System Block Diagram



Measurement System Frequency Reference

Lock the signal generator and the spectrum analyzer to the same reference source as follows: Connect the 10 MHz OUT (SWITCHED) on the spectrum analyzer to the 10 MHz IN on the signal generator and

set the spectrum analyzer 10 MHz Out to On.

System Calibration

Connect the spectrum analyzer to the test system in place of the master device. Set the signal generator to CW mode. Adjust the amplitude of the signal generator to yield a measured level of –62 dBm on the spectrum analyzer.

Without changing any of the instrument settings, reconnect the spectrum analyzer to the Common port of the Spectrum Analyzer Combiner/Divider and connect a 50 ohm load to the Master Device port of the test system.

Measure the amplitude and calculate the difference from -62 dBm. Adjust the Reference Level Offset of the spectrum analyzer to this difference. Confirm that the signal is displayed at -62 dBm. Readjust the RBW and VBW to 3 MHz, set the span to 10 MHz, and confirm that the signal is still displayed at -62 dBm.

The spectrum analyzer displays the level of the signal generator as received at the antenna ports of the Master Device. The interference detection threshold may be varied from the calibrated value of –62 dBm and the spectrum analyzer will still indicate the level as received by the Master Device.

Set the signal generator to produce a radar waveform, trigger a burst manually and measure the level on the spectrum analyzer. Readjust the amplitude of the signal generator as required so that the peak level of the waveform is at a displayed level equal to the required or desired interference detection threshold. Separate signal generator amplitude settings are determined as required for each radar type.

Interference Detection Threshold Adjustment

Download the applicable radar waveforms to the signal generator. Select the radar waveform, trigger a burst manually and measure the amplitude on the spectrum analyzer. Readjust the amplitude of the signal generator as required so that the peak level of the waveform is at a displayed level equal to the required or desired interference detection threshold. Separate signal generator amplitude settings are determined as required for each radar type.

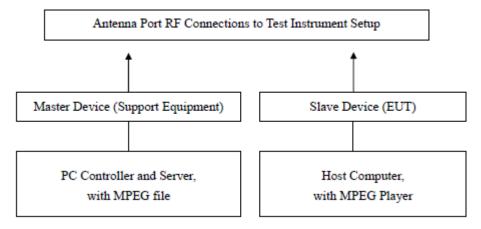
Adjustment Of Displayed Traffic Level

Establish a link between the Master and Slave, adjusting the Link Step Attenuator as needed to provide a suitable received level at the Master and Slave devices. Stream the video test file to generate WLAN traffic. Confirm that the WLAN traffic level, as displayed on the spectrum analyzer, is at lower amplitude than the radar detection threshold. Confirm that the displayed traffic is from the Master Device. For Master Device testing confirm that the displayed traffic does not include Slave Device traffic. For Slave Device testing confirm that the displayed traffic does not include Master Device traffic.

If a different setting of the Master Step Attenuator is required to meet the above conditions, perform a new System Calibration for the new Master Step Attenuator setting.

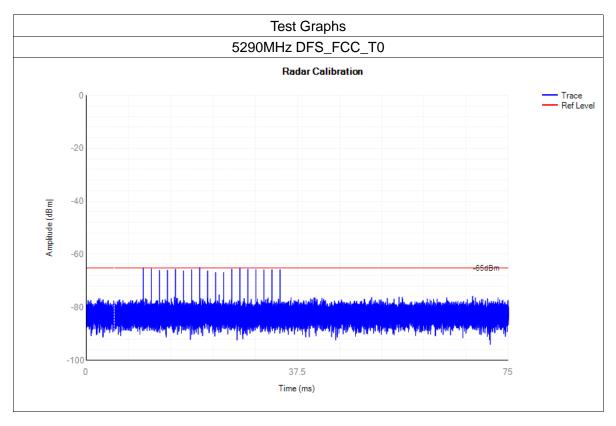
Test Setup







10 TEST RESULT



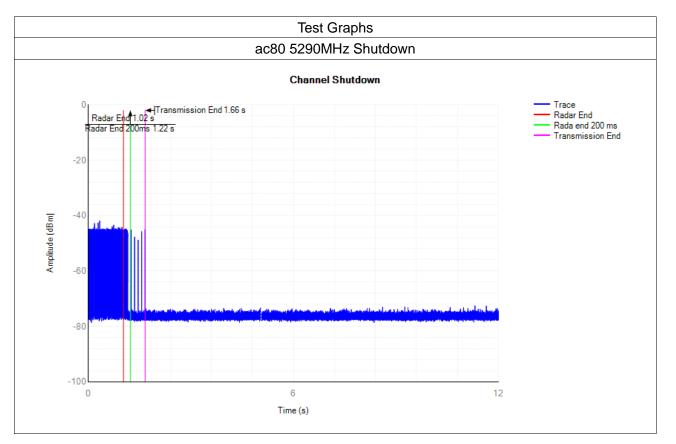
Test Graphs ac80 5290MHz Non-Occupancy Non-Occupancy period

Non-Occupancy



Shutdown Time

Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
ac80	5290	0.6333	10	0.1056	0.26	0.0032	0.06	Pass





11 Test Setup Photographs of EUT

Please refer to separated files for Test Setup Photos of the EUT.

12 External Photographs of EUT

Please refer to separated files for External Photos of the EUT.

13 Internal Photographs of EUT

Please refer to separated files for Internal Photos of the EUT.

-----End------