

Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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DFS TEST REPORT

Application No.:	FYFR2203000010AT
Applicant:	Honor Device Co., Ltd
Address of Applicant:	Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, China
Manufacturer:	Honor Device Co., Ltd.
Address of Manufacturer:	Suite 3401, Unit A, Building 6, Shum Yip Sky Park, No. 8089, Hongli West Road, Xiangmihu Street, Futian District, Shenzhen, Guangdong 518040, People's Republic of China
Equipment Under Test (EUT	·):
Product Name:	Smart Phone
Model No.:	CMA-LX3
FCC ID:	2AYGCCMA-LX3
Trade mark:	HONOR
Standard(s) :	47 CFR Part 15, Subpart E KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02
	KDB 905462 D04 Operational Modes for DFS Testing New Rules v01
Date of Receipt:	2022-03-02
Date of Test:	2022-03-03 to 2022-03-07
Date of Issue:	2022-03-07
Test Result:	Pass*

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

61 Jan

Kidd Yang Laboratory Manager



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	Revision Record				
Version	Chapter	Date	Modifier	Remark	
01		2022-03-07		Original	

Authorized for issue by:		
	Gree Zhan	
	Tree Zhan / Project Engineer	
	WinkeyWang	
	Winkey Wang /Reviewer	



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2 Test Summary

	Tested Bandwi	idth and Channel		
ltem	Bandwidth (MHz) / mode	Frequency (MHz) / Channel No.	Limit	Result
Channel Move Time	80 / 802.11ac	5290 / 58	≤ 10sec	Pass
Channel Closing Transmission Time	80 / 802.11ac	5290 / 58	≤ 200ms + aggregate of 60ms over remaining 10sec period	Pass
Non-Occupancy Period Test	80 / 802.11ac	5290 / 58	≥ 30 minutes	Pass



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4 General Information

4.1 Details of E.U.T.

Test voltage:	DC 3.87V from internal rechargeable battery which can be charge by AC/DC adapter
Power adapter:	Model:
	HW-100225E00
	HW-100225B00
	HW-100225U00
	HN-100225U00
	HN-100225E00
	Input: 100-240V~50/60Hz 0.75A
	Output: DC 5V 2A OR DC 9V 2A OR DC 10V 2.25A MAX

Operation Frequency:	Band	Mode	Frequency Range(MHz)	Number of channels
		802.11a/n(HT20)/ac(VHT20)	5180-5240	4
	UNII Band I	802.11n(HT40)/ac(VHT40)	5190-5230	2
		802.11ac(VHT80)	5210	1
		802.11a/n(HT20)/ac(VHT20)	5260-5320	4
	UNII Band II-A	802.11n(HT40)/ac(VHT40)	5270-5310	2
		802.11ac(VHT80)	5290	1
		802.11a/n(HT20)/ac(VHT20)	5500-5700	11
	UNII Band II-C	802.11n(HT40)/ac(VHT40)	5510-5670	5
		802.11ac(VHT80)	5530-5630	2
		802.11a/n(HT20)/ac(VHT20)	5745-5825	5
	UNII Band III	802.11n(HT40)/ac(VHT40)	5755-5895	2
		802.11ac(VHT80)	5775	1
Modulation Type:	802.11a: OFDM ((BPSK, QPSK, 16QAM, 64QAM)		
	802.11n: OFDM ((BPSK, QPSK, 16QAM, 64QAM)		
	802.11ac: OFDM	(BPSK, QPSK, 16QAM, 64QAM, 2	56QAM)	
Channel Spacing:	802.11a/n(HT20)	/ac(VHT20) : 20MHz		
	802.11n(HT40)/ac(VHT40) : 40MHz			
	802.11ac(VHT80) : 80MHz			
DFS Function:	Slave without radar detection			
Antenna Type:	PIFA Antenna	PIFA Antenna		
Antenna Gain:	-1.1dBi			



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4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Laptop	Lenovo	T430u	REF. No.SEA1800
Wireless Module	Intel	AX200NG	N/A

4.3 Test Location

All tests were performed at:

Compliance Certification Services (Kunshan) Inc. Shenzhen branch.

Fuyong lab. Xinlong TechnoPark, Fengtang Road, Fuyong Subdistrict, Bao'an, Shenzhen, China

Tel: +86 755 8866 3988 Fax: +86 755 2671 0594

No tests were sub-contracted.

4.4 Test Facility

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

• A2LA (Certificate No. 6606.01)

Compliance Certification Services (Kunshan) Inc. Shenzhen branch. EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 6606.01.

4.5 Deviation from Standards

None

4.6 Abnormalities from Standard Conditions

None



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5 Equipment List

DFS Test					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Shielding Room	CRT	N/A	8x5x3	2021/7/13	2024/7/12
MXA Signal Analyzer(10Hz- 26.5GHz)	Agilent	N9020A	MY53420174	2021/7/13	2022/7/12
Signal Generator(9kHz- 40GHz)	Agilent	N5173B	MY53270267	2021/7/13	2022/7/12
ESG Vector Signal Generator(250kHz- 6GHz)	Agilent	E4438C	MY49072505	2021/7/13	2022/7/12
Measurement Software	TST	TST PASS V2.0	N/A	N/A	N/A
Programmable DC Source	Chroma	62024P-80-60	62024PA0102 9	2021/7/13	2022/7/12
Coaxial Cable	CCS	N/A	N/A	2021/9/26	2024/9/25



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6 Requirements and Parameters for DFS test

6.1 Applicability of DFS requirements

	Operational Mode			
Requirement	Master	☑Client Without Radar Detection	Client with Radar Detection	
Non-Occupancy Period	Yes	Not required	Yes	
DFS Detection Threshold	Yes	Not required	Yes	
Channel Availability Check Time	Yes	Not required	Not required	
U-NII Detection Bandwidth	Yes	Not required	Yes	

Table 1: Applicability of DFS Requirements Prior to Use of a Channel

Table 2: Applicability of DFS requirements during normal operation

	Operational Mode		
Requirement	Master Device or Client with Radar Detection	⊠Client Without Radar Detection	
DFS Detection Threshold	Yes	Not required	
Channel Closing Transmission Time	Yes	Yes	
Channel Move Time	Yes	Yes	
U-NII Detection Bandwidth	Yes	Not required	

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar Detection	⊠Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required

Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices, it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.



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6.2 DFS Detection Thresholds

Table 3 below provides the DFS Detection Thresholds for Master Devices as well as Client Devices incorporating In-Service Monitoring.

Table 3: DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receive	r assuming a 0 dBi receive antenna.
transmission waveforms to account for va	itional 1 dB has been added to the amplitude of the test riations in measurement equipment. This will ensure that threshold level to trigger a DFS response.
Note 3: EIRP is based on the highest antenna gai D01.	n. For MIMO devices refer to KDB Publication 662911

6.3 DFS Response Requirements

		DI 3 Response Requirement Values
Paramet	er	Value
Non-occ	upancy period	Minimum 30 minutes
Channel	Availability Check Time	60 seconds
Channel	Move Time	10 seconds
		See Note 1.
Channel	Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period.
		See Notes 1 and 2.
U-NII De	tection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.
Note 1:		<i>Channel Closing Transmission Time</i> should be performed with Radar ning begins at the end of the Radar Type 0 burst.
Note 2:	of the Channel Move Time plu Channel move (an aggregate	<i>ission Time</i> is comprised of 200 milliseconds starting at the beginning us any additional intermittent control signals required facilitating a of 60 milliseconds) during the remainder of the 10 second period. The signals will not count quiet periods in between transmissions.
Note 3:		andwidth detection test, radar type 0 should be used. For each percentage of detection is 90 percent. Measurements are performed

Table 4: DES Response Requirement Values



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6.4 RADAR TEST WAVEFORMS

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

6.4.1 Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A	$Roundup \begin{cases} \left(\frac{1}{360}\right) \\ \left(\frac{19 \cdot 10^{6}}{PRI_{\mu sec}}\right) \end{cases}$	60%	30
		Test B			
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
Aggregat	e (Radar Type	s 1-4)		80%	120
Note 1:	Short Pulse F and channel of			e detection bandwidth tes	t, channel move time,
Test A:	15 unique PR	l values ran	domly selected from th	ne list of 23 PRI values in	Table 5a
Test B:			domly selected within uding PRI values selec	the range of 518-3066 μse cted in Test A	ec, with a minimum

Table 5 Short Pulse Radar Test Waveforms

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 in Tests A or B.

The aggregate is the average of the percentage of successful detections of Short Pulse Radar Types 1-4.



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Pulse Repetition Frequency	Pulse Repetition Frequency	Pulse Repetition Interval
Number	(Pulses Per Second)	(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

Table 5a - Pulse Repetition Intervals Values for Test A



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6.4.2 Long Pulse Radar Test Waveforms

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

Table 6 – Long Pulse Radar Test Waveform

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.

Each waveform is defined as follows:

- 1) The transmission period for the Long Pulse Radar test signal is 12 seconds.
- 2) There are a total of 8 to 20 *Bursts* in the 12 second period, with the number of *Bursts* being randomly chosen. This number is *Burst Count*.
- 3) Each *Burst* consists of 1 to 3 pulses, with the number of pulses being randomly chosen. Each *Burst* within the 12 second sequence may have a different number of pulses.
- 4) The pulse width is between 50 and 100 microseconds, with the pulse width being randomly chosen. Each pulse within a *Burst* will have the same pulse width. Pulses in different *Bursts* may have different pulse widths.
- 5) Each pulse has a linear frequency modulated chirp between 5 and 20 MHz, with the chirp width being randomly chosen. Each pulse within a *transmission period* will have the same chirp width. The chirp is centered on the pulse. For example, with a radar frequency of 5300 MHz and a 20 MHz chirped signal, the chirp starts at 5290 MHz and ends at 5310 MHz.
- 6) If more than one pulse is present in a *Burst*, the time between the pulses will be between 1000 and 2000 microseconds, with the time being randomly chosen. If three pulses are present in a *Burst*, the random time interval between the first and second pulses is chosen independently of the random time interval between the second and third pulses.
- 7) The 12 second transmission period is divided into even intervals. The number of intervals is equal to Burst Count. Each interval is of length (12,000,000 / Burst Count) microseconds. Each interval contains one Burst. The start time for the Burst, relative to the beginning of the interval, is between 1 and [(12,000,000 / Burst Count) (Total Burst Length) + (One Random PRI Interval)] microseconds, with the start time being randomly chosen. The step interval for the start time is 1 microsecond. The start time for each Burst is chosen randomly.

A representative example of a Long Pulse Radar Type waveform:

- 1) The total test waveform length is 12 seconds.
- 2) Eight (8) Bursts are randomly generated for the Burst Count.
- 3) Burst 1 has 2 randomly generated pulses.
- 4) The pulse width (for both pulses) is randomly selected to be 75 microseconds.
- 5) The PRI is randomly selected to be at 1213 microseconds.
- 6) *Bursts* 2 through 8 are generated using steps 3 5.
- 7) Each Burst is contained in even intervals of 1,500,000 microseconds. The starting location for Pulse 1, Burst 1 is randomly generated (1 to 1,500,000 minus the total Burst 1 length + 1 random PRI interval) at the 325,001 microsecond step. Bursts 2 through 8 randomly fall in successive 1,500,000 microsecond intervals (i.e. Burst 2 falls in the 1,500,001 – 3,000,000 microsecond range).



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6.4.3 Frequency Hopping Radar Test Waveforms

		I		quency nopp	ning Rauar Te	St Wavelonni	
Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses per <i>Burst</i>	Number of <i>Bursts</i>	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

For the Frequency Hopping Radar Type, the same Burst parameters are used for each waveform. The hopping sequence is different for each waveform and a 100-length segment is selected from the hopping sequence defined by the following algorithm:

The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until all 475 frequencies are chosen for the set. For selection of a random frequency, the frequencies remaining within the group are always treated as equally likely.



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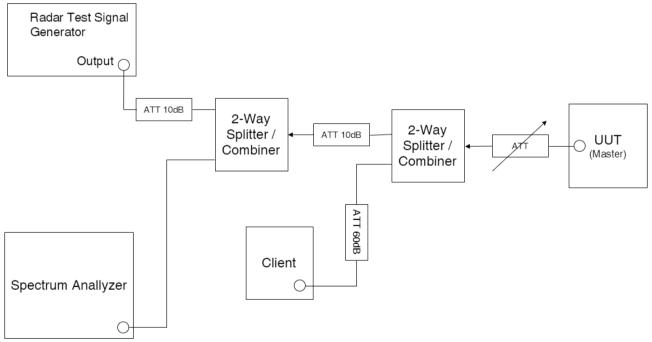
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7 Calibration of Radar Waveform

7.1 Radar Waveform Calibration Procedure

- 1) A 50 ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected to place of the master
- 2) The interference Radar Detection Threshold Level is -64dBm + 0dBi +1dB = -63dBm that had been taken into account the output power range and antenna gain.
- 3) The following equipment setup was used to calibrate the conducted radar waveform. A vector signal generator was utilized to establish the test signal level for radar type 0. During this process, there were no transmissions by either the master or client device. The spectrum analyzer was switched to the zero spans (time domain) at the frequency of the radar waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz. The spectrum analyzer had offset -1.0dB to compensate RF cable loss 1.0dB.
- 4) The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was -64dBm + 0dBi +1dB = -63dBm. Capture the spectrum analyzer plots on short pulse radar waveform.

7.2 Conducted Calibration Setup





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7.3 Radar Waveform Calibration Result

Radar Type 0

	- 6 x
	Search
PNO: Fast →→ Trig: Video TYPE WWWWWW IFGain:High #Atten: 0 dB DET P A A A A A	
) dBm -62.13 dBm	ext Peak
Next	Pk Right
Nex	t Pk Leff
	ker Delta
	Mkr→CF
	→RefLv
na la serie de la GHz Span 0 Hz	More 1 of 2
GHz Span 0 Hz #VBW 3.0 MHz Sweep 66.00 ms (30000 pts)	



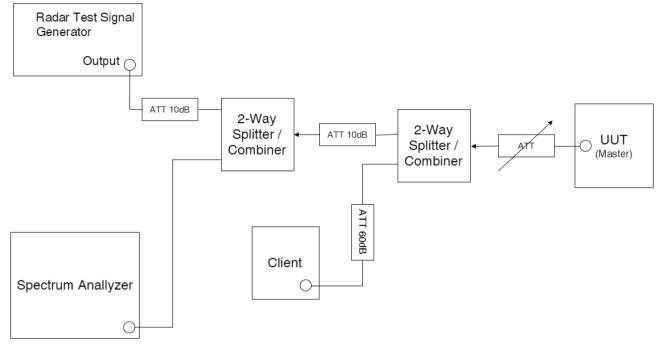
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8 DFS Test Results

8.1 Conducted Test Setup Configuration



Channel Loading

System testing will be performed with channel-loading using means appropriate to the data types that are used by the unlicensed device. The following requirements apply:

a) The data file must be of a type that is typical for the device (i.e., MPEG-2, MPEG-4, WAV, MP3, MP4, AVI, etc.) and must generally be transmitting in a streaming mode.
b) Software to ping the client is permitted to simulate data transfer but must have random ping intervals.
c) Timing plots are required with calculations demonstrating a minimum channel loading of approximately 17% or greater. For example, channel loading can be estimated by setting the spectrum analyzer for zero span and approximate the Time On/ (Time On + Off Time). This can be done with any appropriate channel BW and modulation type.
d) Unicast or Multicast protocols are preferable but other protocols may be used. The appropriate protocol used must be described in the test procedures.



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8.2 In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period (7.8.3)

8.2.1 Limit of In-Service Monitoring

The EUT has In-Service Monitoring function to continuously monitor the radar signals. If radar is detected, it must leave the channel (Shutdown). The Channel Move Time to cease all transmissions on the current Channel upon detection of a Radar Waveform above the DFS Detection Threshold within 10 sec.

The total duration of 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 facilitating Channel changes (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.

Non-Occupancy Period time is 30 minutes during which a Channel will not be utilized after a Radar Waveform is detected on that Channel.

8.2.2 Test Procedure

The steps below define the procedure to determine the above-mentioned parameters when a radar *Burst* with a level equal to the *DFS Detection Threshold* + 1dB is generated on the *Operating Channel* of the U-NII device *(In- Service Monitoring).*

- 1. One frequency will be chosen from the *Operating Channels* of the UUT within the 5250-5350 MHz or 5470-5725 MHz bands. For 802.11 devices, the test frequency must contain control signals. This can be verified by disabling channel loading and monitoring the spectrum analyzer. If no control signals are detected, another frequency must be selected within the emission bandwidth where control signals are detected.
- 2. In case the UUT is a U-NII device operating as a *Client Device* (with or without DFS), a U-NII device operating as a *Master Device* will be used to allow the UUT (Client device) to *Associate* with the *Master Device*. In case the UUT is a *Master Device*, a U-NII device operating as a *Client Device* will be used and it is assumed that the Client will *Associate* with the UUT (Master). In both cases for conducted tests, the *Radar Waveform* generator will be connected to the *Master Device*. For radiated tests, the emissions of the *Radar Waveform* generator will be directed towards the *Master Device*. If the *Master Device* has antenna gain, the main beam of the antenna will be directed toward the radar emitter. Vertical polarization is used for testing.
- 3. Stream the channel loading test file from the *Master Device* to the *Client Device* on the test *Channel* for the entire period of the test.
- 4. At time T0 the *Radar Waveform* generator sends a *Burst* of pulses for one of the Radar Type 0 in **Table 5** at levels defined in **Table 3**, on the *Operating Channel*. An additional 1 dB is added to the radar test signal to ensure it is at or above the *DFS Detection Threshold*, accounting for equipment variations/errors.
- 5. Observe the transmissions of the UUT at the end of the radar *Burst* on the *Operating Channel* for duration greater than 10 seconds. Measure and record the transmissions from the UUT during the observation time (*Channel Move Time*). Measure and record the *Channel Move Time* and *Channel Closing Transmission Time* if radar detection occurs. Figure 17 illustrates *Channel Closing Transmission Time*.
- 6. When operating as a *Master Device*, monitor the UUT for more than 30 minutes following instant T2 to verify that the UUT does not resume any transmissions on this *Channel*. Perform this test once and record the measurement result.
- 7. In case the UUT is a U-NII device operating as a *Client Device* with *In-Service Monitoring*, perform steps 1 to 6.



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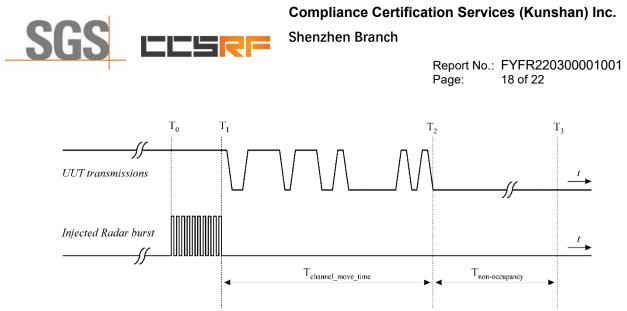


Figure 17: Example of Channel Closing Transmission Time & Channel Closing Time



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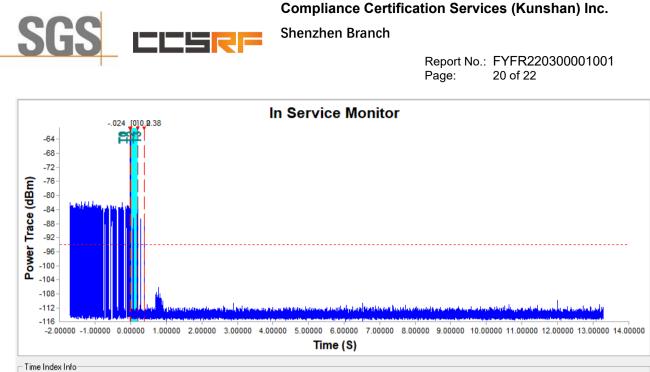
8.2.3 Measurement Data

Channel Move Time and Channel Closing Transmission Time

	ctrum Analyzer - Sv	•								
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owcep n		,	PNO: Fast ↔ IFGain:High	Trig: Free #Atten: 0		• 1		TYI Di		Sweep Time
10 dB/div Log	Ref -20.00	dBm						Mkr1 1 -85.	.421 ms 50 dBm	15.00 s
-30.0										Sweep Setup ►
-40.0										
-50.0										
-60.0										
-70.0										
-80.0 <mark>- 1</mark>										
-90.0										Gate
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Center 5.2	290000000	GHz							span 0 Hz	Points 30000
Res BW 3	.0 MHz		#VBV	V 3.0 MHz			Sweep	15.00 s (3	0000 pts)	
мsg 倝 File <	PICTURE.PN	G> save	t t				STATU	S		



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Channel Move Time:0.380 secChannel Closing Transmission Time:0.002 sec



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Non-Occupancy Period

	ectrum Analyzer - Swe	•								
Marker 1	RF 50 Ω 28.3733 s	AC COI	RREC		ISE:INT	Avg Type	: Log-Pwr	TRAC	4 Mar 05, 2022 E 1 2 3 4 5 6	Peak Search
			NO: Fast ↔ Gain:High	Trig: Free #Atten: 0			_	TYF De		NextBack
10 dB/div Log	Ref -20.00 d	dBm						Mkr1 -61.	28.37 s 79 dBm	Next Peak
-30.0										Next Pk Right
-40.0										
-50.0										Next Pk Left
-60.0										Marker Delta
-70.0										
-80.0										Mkr→CF
-90.0										
-100										Mkr→RefLvl
-110	en e	ul a la batané	e e la centra la truca d	dettal taktore alışan	den til er atte och still		n - or that have been			More
Center 5. Res BW 3	290000000 G .0 MHz	Hz	VBW	3.0 MHz		S	Sweep 1.	S 900 ks (3	pan 0 Hz 0001 pts)	1 of 2
MSG							STATUS			



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Appendix Radar Test Waveforms

Radar Type 0

-Trial List							
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)	
Download	0	Type O	1.0	1428.0	18	25704.0	
Download	1	Туре О	1.0	1428.0	18	25704.0	
Download	2	Туре О	1.0	1428.0	18	25704.0	
Download	3	Туре О	1.0	1428.0	18	25704.0	
Download	4	Type O	1.0	1428.0	18	25704.0	
Download	5	Type O	1.0	1428.0	18	25704.0	
Download	6	Туре О	1.0	1428.0	18	25704.0	
Download	7	Туре О	1.0	1428.0	18	25704.0	
Download	8	Туре О	1.0	1428.0	18	25704.0	
Download	9	Туре О	1.0	1428.0	18	25704.0	
Download	10	Type O	1.0	1428.0	18	25704.0	
Download	11	Туре О	1.0	1428.0	18	25704.0	
Download	12	Туре О	1.0	1428.0	18	25704.0	
Download	13	Туре О	1.0	1428.0	18	25704.0	
Download	14	Type O	1.0	1428.0	18	25704.0	
Download	15	Type O	1.0	1428.0	18	25704.0	
Download	16	Type O	1.0	1428.0	18	25704.0	
Download	17	Type O	1.0	1428.0	18	25704.0	
Download	18	Type O	1.0	1428.0	18	25704.0	
Download	19	Type O	1.0	1428.0	18	25704.0	
Download	20	Type O	1.0	1428.0	18	25704.0	
Download	21	Туре О	1.0	1428.0	18	25704.0	
Download	22	Туре О	1.0	1428.0	18	25704.0	
Download	23	Туре О	1.0	1428.0	18	25704.0	
Download	24	Type O	1.0	1428.0	18	25704.0	
Download	25	Type O	1.0	1428.0	18	25704.0	
Download	26	Type O	1.0	1428.0	18	25704.0	
Download	27	Type O	1.0	1428.0	18	25704.0	
Download	28	Type O	1.0	1428.0	18	25704.0	
Download	29	Type O	1.0	1428.0	18	25704.0	

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