

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT

INTENTIONAL RADIATOR CERTIFICATION TO FCC PART 15 SUBPART E AND INDUSTRY CANADA RSS 247 REQUIREMENT

DFS TEST REPORT

OF

FCC Applicant:	Barco NV
IC Applicant:	Barco NV President Kennedypark35, 8500 Kortrijk, Belgium Barco NV
••	Barco NV President Kennedypark35, 8500 Kortrijk, Belgium
Product Name:	ClickShare Button
Brand Name:	Barco
Model No.:	R9861500D01, R9861500D01C
Model Difference:	Difference in cable connector
Report Number:	T190516W02-RP2
FCC ID:	2AAED-R9861500D01
IC:	9393B-R9861500D01
FCC Rule Part:	§15.407, Cat: NII
IC Rule Part:	RSS-247 issue 2 Feb. 2017
Issue Date:	Aug. 29, 2019
Date of Test:	Aug. 21, 2019
Date of EUT Re-	May 20, 2019

ceived:

Note: The test Result was tested by Compliance Certification Services Inc. The test data, data evaluation, test procedures, and equipment configurations shown in this report were given in AN-SI C63.10: 2013 and compliance standards.

The test results of this report relate only to the tested sample (EUT) identified in this report. The test Report of full or partial shall not copy. Without written approval of Compliance Certification Services Inc. (Wugu Laboratory).

one Hsireh

Tested By:

Hone Hsieh / Engineer

Approved By:

Kevin Tsai / Deputy Manager





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Revision History

Report Number	Revision	Description	Effected Page	Issue Date	Revised By
T190516W02-RP2	Rev.00	Initial creation of docu- ment	All	Aug. 29, 2019	Elle Chang

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1 GENERAL INFORMATION

1.1 Product Description

Product Name:	ClickShare Button	
Brand Name:	Barco	
Model No.:	R9861500D01, R9861500D01C	
Model Difference:	Difference in cable connector	
Hardware Version:	N/A	
Software Version:	N/A	
Power Supply:	5Vdc from USB port	
Modulation type	64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 802.11ac only	
Transition Rate:	802.11 a: 6/9/12/18/24/36/48/54 Mbps 802.11 n_20MHz: 6.5 – 72.2Mbps 802.11 ac_20MHz: 6.5 –86.7Mbps	

1.2 Antenna Designation

Antenna Type	Supplier	Antenna Part No.	Freq. (MHz)	Peak Antenna Gain (dBi)
Chin	FR05-S1-NO-1-004	FRACTUS	5250~5350	4.9
Chip	FR03-31-INO-1-004	S.A.	5470~5725	4.9

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FCC WLAN 5GHz:

Wi-Fi	Frequency Range	Channels	Avg. Power (dBm)	Modulation Technology
110.20	5250~5350	4	10.03	
11a_20 -	5470~5725	12	10.76	
11n_HT / ac_VHT	5250~5350	4	HT: 9.77	OFDM
20M	5470~5725	12	HT: 10.19	

IC WLAN 5GHz:

Wi-Fi	Frequency Range	Channels	Avg. or EIRP	Rated Power(dBm) (Worst Case)	Modulation Technology
11a	5250~5350	4	Avg.	10.03	
IIa	5470~5725	12	Avg.	10.76	
11n_HT / ac_VHT	5250~5350	4	Avg.	HT: 9.77	OFDM
20M	5470~5725	12	Avg.	HT: 10.19	

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1.3 Test Methodology of Applied Standards

FCC Part 15, Subpart E §15.407 FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 FCC KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02 RSS-247 issue 2 Feb. 2017 All test items have been performed and record as per the above standards.

1.4 Test Facility

Compliance Certification Services Inc. Wugu Lab. No.11, Wugong 6th Rd.,

Wugu Dist., New Taipei City 24891, Taiwan. (R.O.C.) (TAF code 1109)

FCC Designation number: TW1309 Canada Registration number: 2324G

1.5 Special Accessories

There are no special accessories used while test was conducted.

1.6 Equipment Modifications

There was no modification incorporated into the EUT.

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2 SUMMARY OF TEST RESULT

FCC / IC Rules	Description Of Test	Result
§15.407(h) IC RSS-247 issue 1 §6.3	TPC and DFS Measurement	Compliant

3 MEASUREMENT UNCERTAINTY

Test Items	Uncertainty
TPC and DFS Measurement	+/- 123.36 Hz

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

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4 TPC AND DFS MEASUREMENT

4.1 TPC: Standard Applicable

According to §15.407(h)(1), Transmit power control (TPC). U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

4.1.1 Result: N/A, The output power is less than 500mW.

4.2 DFS: Standard Applicable

程智科技股份有限公司

According to §15.407(h)(2) and FCC KDB 905462 D02 , Radar Detection Function of Dynamic Frequency Selection (DFS).

Radar Detection Function of Dynamic Frequency Selection (DFS). U-NII devices operating with any part of its 26 dB emission bandwidth in the 5.25-5.35 GHz and 5.47-5.725 GHz bands shall employ a DFS radar detection mechanism to detect the presence of radar systems and to avoid co-channel operation with radar systems. Operators shall only use equipment with a DFS mechanism that is turned on when operating in these bands. The device must sense for radar signals at 100 percent of its emission bandwidth. The minimum DFS detection threshold for devices with a maximum e.i.r.p. of 200 mW to 1 W is –64 dBm. For devices that operate with less than 200 mW e.i.r.p. and a power spectral density of less than 10 dBm in a 1 MHz band, the minimum detection threshold is –62 dBm. The detection threshold is the received power averaged over 1 microsecond referenced to a 0 dBi antenna. For the initial channel setting, the manufacturers shall be permitted to provide for either random channel selection or manual channel selection.

- (i) Operational Modes. The DFS requirement applies to the following operational modes:
- (A) The requirement for channel availability check time applies in the master operational mode.
- (B) The requirement for channel move time applies in both the master and slave operational modes.

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(ii) Channel Availability Check Time. A U-NII device shall check if there is a radar system already operating on the channel before it can initiate a transmission on a channel and when it has to move to a new channel. The U-NII device may start using the channel if no radar signal with a power level greater than the interference threshold values listed in paragraph (h)(2) of this section, is detected within 60 seconds.

(iii) Channel Move Time. After a radar's presence is detected, all transmissions shall cease on the operating channel within 10 seconds. Transmissions during this period shall consist of normal traffic for a maximum of 200 ms after detection of the radar signal. In addition, intermittent management and control signals can be sent during the remaining time to facilitate vacating the operating channel.

(iv) Non-occupancy Period. A channel that has been flagged as containing a radar system, either by a channel availability check or in-service monitoring, is subject to a non-occupancy period of at least 30 minutes. The non-occupancy period starts at the time when the radar system is detected.

According to RSS 247 §6.3), Note: For the band 5600-5650 MHz, no operation is permitted. Until further notice, devices subject to this annex shall not be capable of transmitting in the band 5600-5650 MHz. This restriction is for the protection of Environment Canada weather radars operating in this band. Devices operating in the bands 5250-5350 MHz, 5470-5600 MHz and 5650-5725 MHz band shall comply with the following:

(a) Devices shall employ a DFS radar detection mechanism to detect the presence of radar systems and to avoid co-channel operation with radar systems (see Note below). The minimum DFS radar signal detection threshold is -62 dBm for devices with a maximum e.i.r.p. less than 200 mW, and -64 dBm for devices with a maximum e.i.r.p. of 200 mW to 1 W. The detection threshold power is the received power, averaged over a 1-microsecond reference to a 0 dBi antenna. The DFS process shall provide a uniform spreading of the loading over all the available channels.

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Note: Test procedures for demonstrating compliance with the DFS radar detection requirements set out in this section are being evaluated by Industry Canada. As an interim measure, the Department will, until further notice, accept utilization of the DFS test procedures published by the U.S. Federal Communications Commission (FCC)3 to demonstrate compliance with the requirements of this section.

(b) Operational requirements: the requirement for channel availability check time applies in the master operational mode. The requirement for channel move time applies in both the master and slave operational modes.

(i) In-service monitoring: an LE-LAN device should be able to monitor the operating channel to check that a co-channel radar has not moved or started operation within range of the LE-LAN device.During in-service monitoring, the LE-LAN radar detection function continuously searches for radar signals between normal LE-LAN transmissions.

(ii) Channel availability check time: the device shall check if there is a radar system already operating on the channel before it initiates a transmission on a channel and when it moves to a channel. The device may start using the channel if no radar signal with a power level greater than the interference threshold value specified in A9.3 (a) above is detected within 60 seconds.

(iii) Channel move time: after a radar's signal is detected, the device shall cease all transmissions on the operating channel within 10 seconds. Transmission during this period shall consist of normal traffic for a maximum of 200 ms after detection of the radar signal. Intermittent management and control signals may also be sent during the remaining time to facilitate vacating the operating channel.

(iv)Channel closing time: the maximum channel closing time is 260 ms. (v) Non-occupancy period: a channel that has been flagged as containing a radar signal, either by a channel availability check or in-service monitoring, is subject to a 30-minute non-occupancy period where the channel cannot be used by the LE-LAN device. The non-occupancy period starts from the time that the radar signal is detected.



4.2.1 Limit

Table 1: Applicability of DFS requirements prior to use of a channel

	Operational Mode		
Requirement	Master	Client(without radar detection)	Client(with radar detection)
Non-occupancy Period	Yes	Not required	Yes
DFS Detection Thresh- old	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

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	
Cannel Closing Transmission time	Yes	Yes	
Channel Move time	Yes	Yes	
U-NII Detection Bandwidth	Yes	Not required	

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Additional requirements for devices with multiple bandwidth mode	Master Device or Client with Radar Detection	Client Without Radar Detection		
U-NII Detection Band- width and Statistical Performance Check	All BW modes must be tested	Not required		
Channel Move Time and Channel Closing Trans- mission 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.				

Table 3: Interference Threshold values, Master or Client incorporating In-Service Monitoring

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
$EIRP \ge 200 \text{ milliwatt}$	-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 receiver assuming a 0 of Note 2: Throughout these test procedures an additional 1 dB has be transmission waveforms to account for variations in measurement test signal is at or above the detection threshold level to trigger a I Note3: EIRP is based on the highest antenna gain. For MIMO der D01.	equipment. This will ensure that the DFS response.

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Table 4: DFS Response requirement values

Parameter	Value
Non-occupancy 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 Detection Bandwidth	Minimum 100% of the U- NII 99% transmission power 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.

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Table 5: Radar Test Waveforms

Short Pulse Radar

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: 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	$ \text{Roundup} \left\{ \begin{pmatrix} \frac{1}{360} \end{pmatrix} \\ \begin{pmatrix} \frac{19 \cdot 10^6}{\text{PRI}_{\mu \text{sec}}} \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
	ort Pulse Rad hannel closin		used for the detection ba	ndwidth test, ch	annel move

Long Pulse Radar

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

Frequency Hopping Radar

Radar Type	Pulse Width (µsec)	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

The applicant of this given application confirms that information regarding the parameters of the detected Radar Waveforms is not available to the end user.

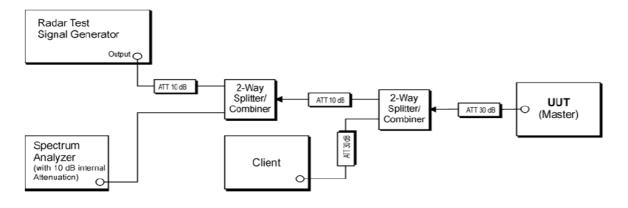
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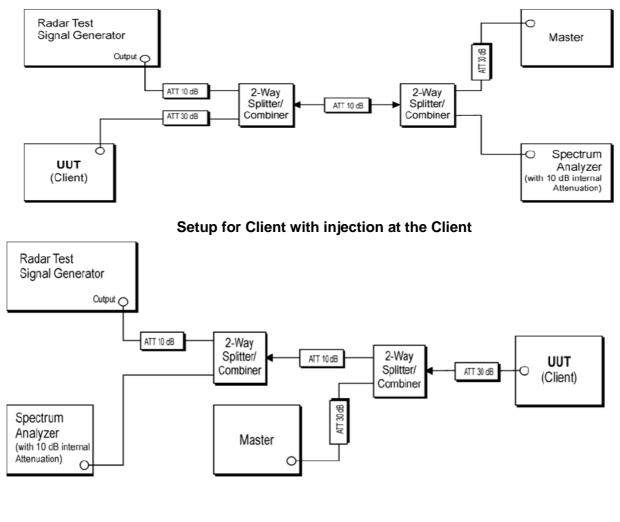


4.2.2 Test Setup

Setup for Master with injection at the Master



Setup for Client with injection at the Master



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4.2.3 Test Equipment Used:

Conducted Emission Test Site								
EQUIPMENT	MFR	MODEL	SERIAL	LAST	CAL DUE.			
TYPE		NUMBER	NUMBER	CAL.				
EMI Receiver	Agilent	N9038A	MY52260216	11/20/2018	11/19/2019			
Signal Generator	Agilent	N5182B	MY56200007	08/11/2019	08/10/2020			
Attenuator	Marvelous	MVE2213-10	RF30	12/25/2018	12/24/2019			
Attenuator	Woken	WRF53AYM2B7	RF41	12/25/2018	12/24/2019			
Splitter	RF-LAMBAD	RFLT2W1G18G	RF35	12/25/2018	12/24/2019			
Splitter	Marvelous	MVE8576	RF37	12/25/2018	12/24/2019			
Splitter	Marvelous	MVE8576	RF38	12/25/2018	12/24/2019			
Coaxial Cables	Woken	00100A1F1A185C	RF220	12/25/2018	12/24/2019			
Coaxial Cables	Woken	00100A1F1A185C	RF219	12/25/2018	12/24/2019			
Coaxial Cables	Woken	00100A1F1A185C	RF218	12/25/2018	12/24/2019			
Coaxial Cables	Woken	00100A1F1A185C	RF229	12/25/2018	12/24/2019			
Coaxial Cables	Woken	00100A1F1A185C	RF230	12/25/2018	12/24/2019			
Accece Ponit	LINKSYS	WRT3200ACM	1981060B6149 86 FCC ID:Q87-WRT32 00ACM IC:3839A-WRT 3200ACM	N/A	N/A			
Notebook	Lenovo	T440	PC-014TAK	N/A	N/A			

4.2.4 Description of EUT:

EUT operates over the 5250-5350MHz and 5470-5725MHz ranges and EUT is a slave device (client equipment) w/o radar detection and DFS capability.

EUT has no TPC mechanism implemented with no adjustment of lowest, and highest power, but the level of power emission stays at fixed level.

WLAN traffic is generated by streaming the mpeg file from the master to slave in full monitor video mode using the media player.

The rated output power of the master unit is >23dBm(EIRP).therefore the required interference threshold level is -64dBm.after correction for antenna gain and procedural adjustments, the required conducted threshold at the antenna port is -64dBm, and the master device as employed for the applicable DFS test is CISCO router whose FCC ID= LDK102061

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While calibrate the path on antenna port of DFS test equipment (master), measurements equipments (spectrum) is ensured to be 50 Ohms, and therefore verification on antenna gain measurement can be ignored.

Conducted test was performed with appropriate adjustment, and calibration to ensure power from DFS simulator injects to antenna port of DFS test equipment (DFS) is -64dBm

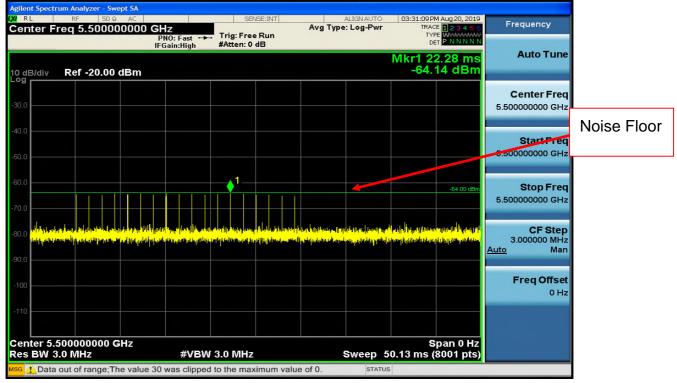
Message or files that is used for communication between Master and Client:

IP based system:

For the required channel loading, the full motion, 30 frames per second MPEG video file from http://ntiacsd.ntia.doc.gov/dfs/ was streamed from a network on a test bench (server of the storage to download the mandatory format of Video file), via the DFS Master device, to the UE (mobile phone).

4.2.5 Test results

Calibration plots for each of the required radar waveforms Radar type 0



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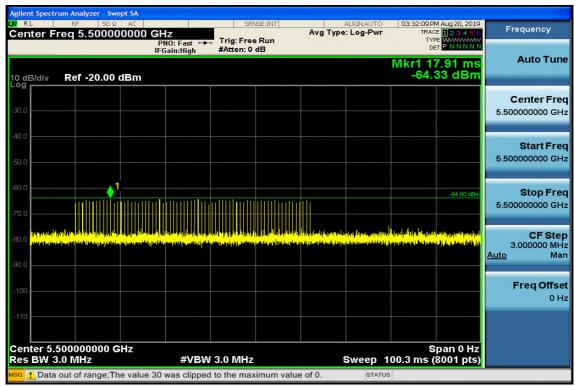


Radar type 1 A

LXI RL	rum Analyzer - Swept RF 50 Ω	AC		SEN	JSE:INT		ALIGNAUTO		Aug 20, 2019	Frequency
Center F	req 5.500000	PN	Z IO: Fast ↔► ain:High	Trig: Free #Atten: 0		Avgiype	: Log-Pwr	TYPE	123456 WWWWWWW PNNNNN	
10 dB/div	Ref -20.00 dl		ain:Hign	#Atten: 0	40			Mkr1 39 -64.3).51 ms 51 dBm	Auto Tune
-30.0										Center Freq 5.500000000 GHz
-40.0										Start Fred 5.500000000 GH2
-60.0									-64.00 dBm	Stop Free 5.500000000 GH;
-80.0 <mark>400 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 -</mark>	an ha barna an guna an gula tar pai dha an dha callar Anna a guna an anna an guna an an an an guna guna		, Alban de la calence Han y ny saper calence	Nama (II) da da partes Nama (III) da	alla da en la diditre. A pitala subitre prese	an datha a din dan Manganan an dan da		an line of a	and the Latershele	CF Step 3.000000 MH <u>Auto</u> Mar
-100										Freq Offse 0 H:
	500000000 GH	z							oan 0 Hz	
Res BW 3	out of range;The	value 30 v		3.0 MHz to the max			Sweep 1	00.3 ms (8	3001 pts)	

Radar type 1 B

(



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

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Radar type 2



Radar type 3



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Radar type 4

XX R L RF 50 Ω AC SENSE:INT ALIGN AUTO 03:33:39PM Aug 20, 2019	
	Frequency
PN0: Fast →→ Trig: Free Run TVPE WMANAWAW IFGain:High #Atten: 0 dB Der PNNNN 10 dB/div Ref -20.00 dBm -64.17 dBm	Auto Tune
	Center Freq 500000000 GHz
-40.0	Start Freq 500000000 GHz
-60.0	Stop Freq 500000000 GHz
	CF Step 3.000000 MHz <u>0</u> Man
	Freq Offset 0 Hz
Center 5.500000000 GHz Span 0 Hz Res BW 3.0 MHz #VBW 3.0 MHz Sweep 10.13 ms (8001 pts)	
Kes BW 3.0 Winz #VBW 3.0 Winz Sweep To.13 It's (sout pts)	

Radar type 5



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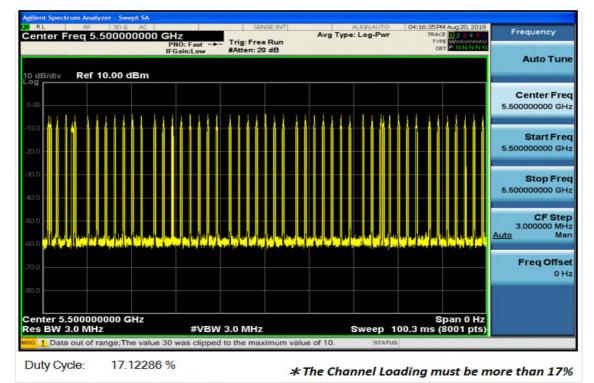
Radar type 6

Agilent Spectrum Analyzer - Swept SA							
M RL RF 50Ω AC Center Freg 5.500000000	GHz	SENSE:INT	Avg Type:	IGNAUTO	03:36:06 PM TRACE	123456	Frequency
	PNO: Fast ++ Tr	ig: Free Run tten: 0 dB				PNNNN	Auto Tune
10 dB/div Ref -20.00 dBm					Mkr1 1.8 -64.1	317 ms 3 dBm	Auto Tune
-30.0							Center Freq 5.500000000 GHz
-40.0							Start Freq 5.500000000 GHz
-60.0						-64.00 dBm	Stop Fred 5.500000000 GHz
-00.0 00.000000000000000000000000000000		delander Alberteiden bis Del rigge ^b reitigen bis			na di seri di s Na seri di seri	ah puha kat Mga pappa	CF Step 3.000000 MH; <u>Auto</u> Mar
-100							Freq Offse 0 Ha
-110 Center 5.500000000 GHz					sp	an 0 Hz	
Res BW 3.0 MHz	#VBW 3.0 30 was clipped to the			status	.000 ms (8	oon pts)	

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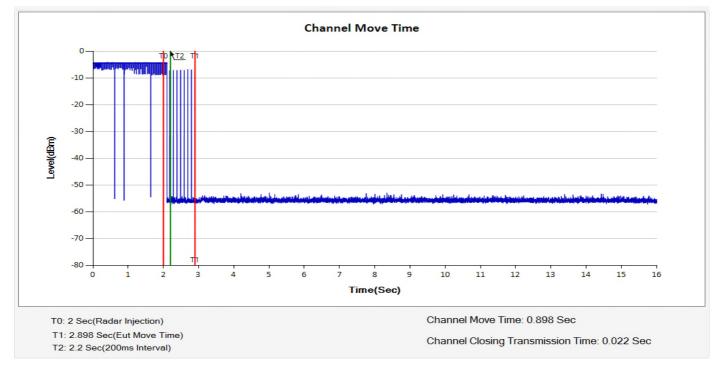
WLAN traffic



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Radar Type 1 Channel Move and Closing Transmission Time - 2



Verdict: Note: narrowing the sweep time as the good engineering process for the verification of transmission closing in 200ms

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Non-occupancy Period (without radar detection)

Agilent Spectrum Analyzer - Swept SA					
X RL RF 50 Ω AC Center Freq 5.5000000000	GHz	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	04:55:13 PM Aug 20, 2019 TRACE 123456	Frequency
	PNO: Fast +++ IFGain:Low	Trig: Free Run #Atten: 20 dB		TYPE WWWWWWW DET P N N N N N	Auto Truno
10 dB/div Ref 10.00 dBm				∆Mkr1 1.800 ks -47.12 dB	Auto Tune
-10.0 X2					Center Freq 5.500000000 GHz
-30.0 -40.0 -50.0	alterative were the best at a	alunga danga ang sanjili naga si alunga si ang sanga sa	ngelt - Algents - angelenented	162	Start Freq 5.500000000 GHz
-60.0 -70.0 -80.0					Stop Freq 5.500000000 GHz
Center 5.500000000 GHz Res BW 3.0 MHz	#VBW :	B.0 MHz		Span 0 Hz 2.000 ks (8001 pts)	CF Step 3.000000 MHz Auto Man
MKR MODE TRC SCL X	1.800 ks (∆)	Y FUN -47.12 dB	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> man
2 F 1 t 3 4 5 6	97.50 s	-6.95 dBm			Freq Offset 0 Hz
7					
				>	
MSG			STATUS	5	

Verdict: To verify whether channel is unavailable to be operated in 30 minutes. 1.8ks = 1800s = 1800 s/min /60 = 30minute

~ End of Report ~

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