

Japan DFS Test Report

Project No. : 2508C642
Equipment : AX1500 Wi-Fi 6 Portable Router
Brand Name : tp-link
Model Name : NA
Applicant : TP-Link Systems Inc.
Address : 10 Mauchly, Irvine, CA 92618
Manufacturer : TP-Link Systems Inc.
Address : 10 Mauchly, Irvine, CA 92618
Factory : Lianzhou International Co., Ltd. Guangming Branch
Address : Room -101, 1F-8F, C901, C1001, C1101, C1201, No.198, Kelian Road, Yutang Community, Yutang Street, Guangming District, Shenzhen City, Guangdong Province, P.R.China

Date of Receipt : Dec. 25, 2025
Date of Test : Dec. 29, 2025 ~ Jan. 13, 2026
Issued Date : Feb. 06, 2026
Test Sample : Engineering Sample No.: DG92025122565
MIC Category : Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment Article 2 Paragraph 1 of item19-3
Technical Standard(s) : Ordinance Regulating Radio Equipment General Provisions, Transmitting Equipment, Receiving Equipment, Article 49-20
Test Procedure : Test Method Specified Radio Equipment Article 2 Paragraph 1 of item19-3 (MIC Notice No.88 Appendix No.45)

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc. (Dongguan)

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. BTL assumes no responsibility for the data provided by the customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by BTL.

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BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-JPAP-3-2508C642	R00	Original Report.	Jan. 21, 2026	Invalid
BTL-JPAP-3-2508C642	R01	This report added the description in page 30, 34, 38, 42, 46 and 50. It is a revision of the report BTL-JPAP-3-2508C642 R00. This is a newly released report, replacing the BTL-JPAP-3-2508C642 R00 report.	Feb. 06, 2026	Valid

1. SUMMARY OF TEST RESULTS

Part	Description of Test	Article of ORRE	Result
5.9	Carrier Sense Capability (2) (Dynamic Frequency Selection (DFS)) for 5.3GHz	Clause 14	Pass
5.9	Carrier Sense Capability (3) (Dynamic Frequency Selection (DFS)) for 5.6GHz	Clause 15	Pass

2. TEST FACILITY

The test facilities used to collect the test data in this report is **DGDL SR14** at the location of No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

3. TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
Dynamic Frequency Selection	22°C	49%	AC 100V/60Hz	Corey Liang
	24°C	45%	AC 100V/60Hz	Corey Liang

4. GENERAL INFORMATION

4.1 GENERAL DESCRIPTION OF EUT

Equipment	AX1500 Wi-Fi 6 Portable Router
Brand Name	tp-link
Test Model	TL-WR1502X
Model Name	TL-WR1502X
Model Difference(s)	N/A
Hardware Version	2.0
Software Version	2.0
Power Source	DC Voltage supplied from AC adapter. Model: DSA-18QFB FUS A
Power Rating	I/P:100-240V ~ 50/60Hz, 0.8A O/P:+5.0V --- 3.0A, +9.0V --- 2.0A, +12.0V --- 1.5A
Operation Frequency Band(s)	W53: 5250MHz ~ 5350MHz W56: 5470MHz ~ 5730MHz
Modulation Technology	IEEE 802.11a/n/ac: OFDM IEEE 802.11ax: OFDMA
Numbers of subcarriers of OFDM	3/MHz
Bit Rate of Transmitter	IEEE 802.11a: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ac: up to 866.7 Mbps IEEE 802.11ax: up to 1442 Mbps
Operational Mode	Master

Note:

1. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

2. Channel List:

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20) IEEE 802.11ax(HE20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80)	
W53		W53		W53	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20) IEEE 802.11ax(HE20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80)	
W56		W56		W56	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590	138	5690
112	5560	126	5630		
116	5580	134	5670		
120	5600	142	5710		
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
144	5720				

3. Table for Filed Antenna Table:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	tp-link	2051501669	Dipole	IPEX	4.84
2	tp-link	6035500127	Dipole	IPEX	4.84

Note:

- 1) The EUT incorporates a CDD function. Physically, the EUT provides two completed transmitters and receivers (2T2R).
- 2) The antenna gain is provided by the manufacturer.

4.2 DESCRIPTION OF TEST MODES

The EUT Module was tested while in a continuous transmitter / receiver mode.

The EUT was tuned to a low, middle and high channel for all tests.

The EUT continuously transmitted a modulated packet with payload, while transmitting the EUT was setup to operate at the intended maximum power output available to the end user. For all test case pre/scans were completed in all modes to determine worst case levels.

Test Mode	Description
Mode 1	IEEE 802.11a: 5260MHz
Mode 2	IEEE 802.11ac(VHT40): 5270MHz
Mode 3	IEEE 802.11ax(HE80): 5290MHz
Mode 4	IEEE 802.11a: 5700MHz
Mode 5	IEEE 802.11ac(VHT40): 5670MHz
Mode 6	IEEE 802.11ax(HE80): 5530MHz

Note: IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside report.

5. DYNAMIC FREQUENCY SELECTION (DFS)

5.1 LIMIT

DFS is required in the frequency ranges 5250 MHz to 5350 MHz, 5470 MHz to 5730 MHz.

This requirement applies to all types of RLAN devices and to any type of communication between these devices. Radar detection is not required in the frequency range 5 150 MHz to 5 250 MHz.

DFS REQUIREMENT

Requirement	Master
Channel Availability Check Time	√
Channel Move Time	√
Channel Closing Transmission Time	√
Non-Occupancy Period	√

DFS REQUIREMENT VALUES

Parameter	Value
Channel Availability Check Time	≥ 60s
Channel Move Time	≤ 10s
Channel Closing Transmission Time	≤ 0.26s
Non-Occupancy Period	≥ 30 min

5.2 MASTER DEVICE REQUIREMENTS

- (1) Before initiating a network on a channel, which has not been identified as an Available Channel, the master device shall perform a Channel Availability Check to ensure that there is no radar operating on the channel.
- (2) During normal operation, the master device shall monitor the Operating Channel (In-Service Monitoring) to ensure that there is no radar operating on the channel. When the master device has detected a radar signal during In-Service Monitoring, the Operating Channel is made unavailable. The master device shall instruct all its associated slave devices to stop transmitting on this (to become unavailable) channel.
- (3) The master device shall not resume any transmissions on this Unavailable Channel during a period of time after a radar signal was detected. This period is referred as the Non-Occupancy Period.

5.3 SLAVE DEVICE REQUIREMENTS

Not Applicable.

5.4 SETTING

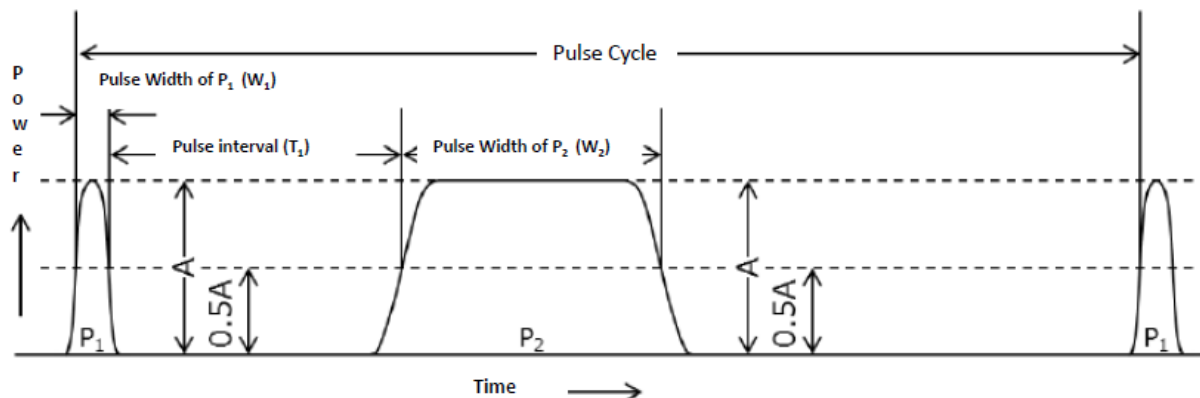
The following table is the setting of the spectrum analyzer and signal generator.

Spectrum Parameter	Setting
Span Frequency	0 MHz
RBW / VBW	1 MHz / 1 MHz
Sweep Time	More than DFS requirement values

Radar Signal Parameter				
Radar type	Pulse Repetition Frequency (Hz)	Pulse Width (μs)	Min. Number of Pulses	Radar Detection Probability
Type 1(W53)	200-1000	0.5-5	10	60% or more
Type 2(W53)	200-1600	0.5-15	15	60% or more
Type 3(W53)	200-1000	0.5-5	Repetition frequency x 0.026"(Round up to less than 1),or "22", whichever is larger,or "30", whichever is smaller.	60% or more
Type 4(W53)	200-1600	0.5-15	Repetition frequency x 0.026"(Round up to less than 1),or "22", whichever is larger,or "30", whichever is smaller.	60% or more
Type 5(W53)	1114-1118	0.5-1.5	30	60% or more
Type 6(W53)	928-932	0.5-1.5	25	60% or more
Type 7(W53)	886-890	0.5-1.5	24	60% or more
Type 8(W53)	738-742	0.5-1.5	20	60% or more

Note:

- 1) The detection probability is the total transmission time in any 100ms from the master station radio equipment (connection method is limited to carrier sense multiple access type) to the slave station radio equipment. It refers to the case of performing transmission of 30ms or more.
- 2) In this table, "pulse width" is the pulse width of P1 "W1" in the following figure, and "repetition frequency" is the reciprocal of the pulse cycle in the following figure. Also, the pulse width and frequency are any one value between the minimum value and the maximum value.



- 3) In this figure, "A" indicates the maximum power of P1 and P2, and the shift width of frequency (here in after referred to as "chirp width") for performing linear frequency modulation during the pulse period, the pulse interval of P1 "T1". The difference between the pulse width of P2 "W2" and the pulse width of P1 "W1" and the pulse width of P2 "W2" and the pulse width of P1 "W1" multiplied by the repetition frequency (here in after referred to as "duty ratio") are as follows: about. In addition, each pulse interval and each pulse width are made into the rise time of each pulse which makes electric power 0.5A base point, and the fall time of each pulse.

(1) Type 3 or 4:

Chirp width	Range of $\pm 0.5\text{MHz}$ to 1.0MHz
Pulse interval of P1: T_1	70 μs or more
Pulse width of P2: W_2	20 μs or more, 110 μs or less
The difference between the pulse width of P1 and the pulse width of P2 by the following equation $ W_2 - W_1 $	15 μs or more
Duty ratio	Less than 10%

(2) Type 5 ~ 8:

Chirp width	Range of $\pm 0.5\text{MHz}$ to 1.0MHz
Pulse interval of P1: T_1	50 μs or more
Pulse width of P2: W_2	28.5 μs or more, 33.6 μs or less

Radar Signal Parameter				
Radar type	Pulse Repetition Frequency (Hz)	Pulse Width (μs)	Number of Pulses	Radar Detection Probability
Type 1(W56)	720	0.5	18	60% or more
Type 2(W56)	700	1.0	18	60% or more
Type 3(W56)	250	2.0	18	60% or more
Type 4(W56)	4347-6667	1-5	23-29	60% or more
Type 5(W56)	2000-5000	6-10	16-18	60% or more
Type 6(W56)	2000-5000	11-20	12-16	60% or more
Aggregate (6 Radar Signals) must be:				80% or more

Note:

- 1) In the transmission of the 17% of maximum signal access speed (an error correction and a control signal are not included), when the master station is transmitting to the slave station.
- 2) The average value of the "detection probability" for every classification of the radio wave which a radar transmits shall be "80% or more".

Radar Signal Parameter (Chirp Radar)				
Radar type	Pulse Repetition Frequency (Hz)	Pulse Width (μs)	Number of Pulses	Radar Detection Probability
Type 7(W56)	500-1000	50-100	1-3	80% or more

Note:

- 1) In the transmission of the 17% of maximum signal access speed (an error correction and a control signal are not included), when the master station is transmitting to the slave station.
- 2) A mass of the number of continuous pulses (burst) shall be radiated for 12 seconds.
Chirp width : $5\text{MHz} \leq X \leq 20\text{MHz}$ ("5MHz" or "frequency width which added the integral multiple of 1MHz to 5MHz") In this case, "chirp width" is arbitrary to each burst, "chirp width" in the same burst shall be an equal thing.
- 3) Number of burst : $8 \leq X \leq 20$ (arbitrary integer), Burst interval : Time which divided 12 seconds by the number of burst.
- 4) When there are two or more pulses within the burst of 1, the pulse width shall be an equal thing.
- 5) When there are two or more pulses within the burst of 1, the "repetition frequency" must not have relevance between the "repetition frequency" of the pulse of 1, and the "repetition frequency" of the pulse of next 1.

Radar Signal Parameter (Hopping Radar)				
Radar type	Pulse Repetition Frequency (Hz)	Pulse Width (μs)	Number of Pulses in a burst of 1	Radar Detection Probability
Type 8(W56)	3000	1	9	70% or more

Note:

- 1) In the transmission of the 17% of maximum signal access speed (an error correction and a control signal are not included), when the master station is transmitting to the slave station.
- 2) Burst: One mass of the number of continuous pulses
- 3) Hopping frequency : $5,250\text{MHz} \leq X \leq 5724\text{MHz}$ ("5250MHz" or "the arbitrary frequency which added the integral multiple of 1MHz to 5250MHz")
- 4) Switching interval of the hopping frequency: "3ms", Total switching interval of the all hopping frequency: "300ms"
- 5) Burst interval: "3 ms".

Signal Generator Parameter	Setting
Pulse	External Trigger
ALC	Off
Power Level	Interference Detection Threshold + G [dBi]

DFS Threshold Level	
DFS Threshold Level: -57.16	-62+4.84 [dBi]

5.5 TEST PROCEDURES

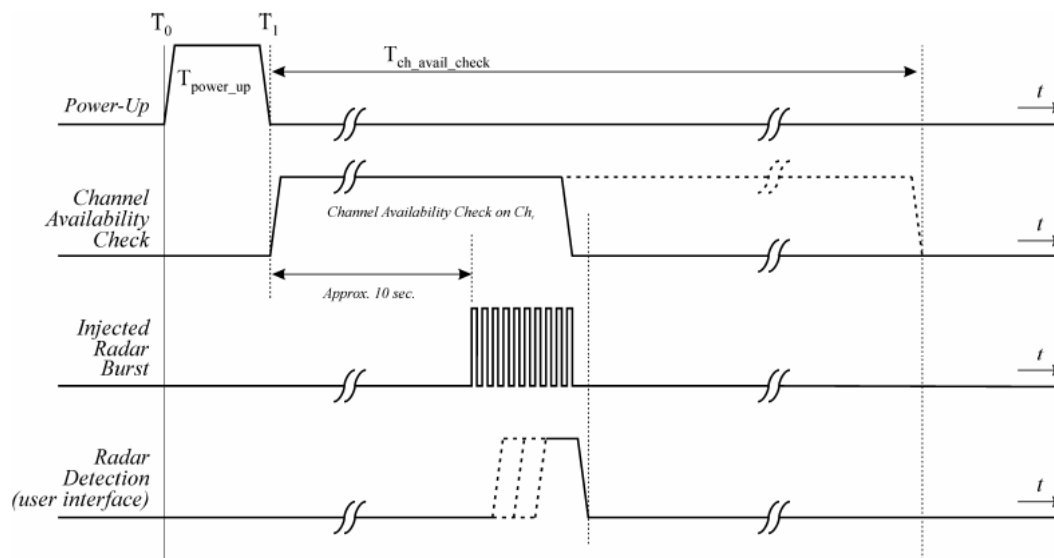
For Master Device:

Channel Availability Check

Channel Availability Check and the Channel Availability Check Time ($T_{ch_avail_check}$) by ensuring that the UUT is capable of detecting radar pulses between the beginning to the end of the Channel Availability Check Time.

Interference Detection Threshold (during the Channel Availability Check)

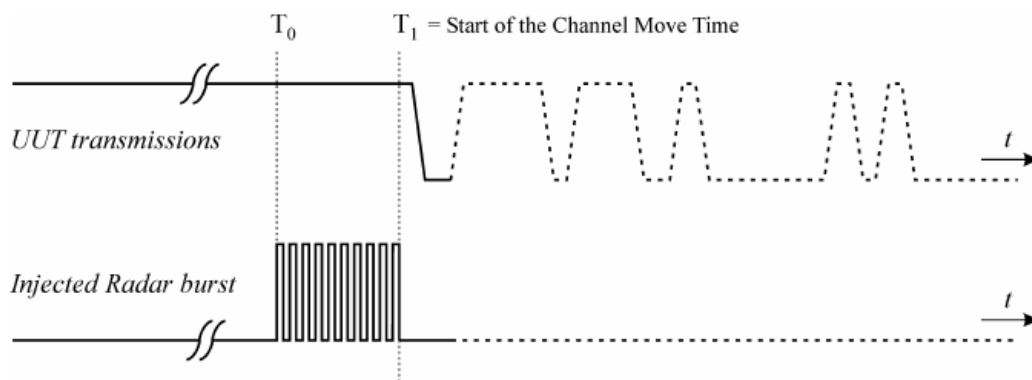
1. The signal generator and UUT are connected using "Test Setup Layout" as described in clause 5.6 and the power of the UUT is switched off.
2. The UUT is powered on at T_0 . T_1 denotes the instant when the UUT has completed its power-up sequence (T_{power_up}) and is ready to start the radar detection. The Channel Availability Check is expected to commence on Ch_r at instant T_1 and is expected to end no sooner than $T_1 + T_{ch_avail_check}$ unless a radar is detected sooner.
3. A radar burst is generated on Ch_r using radar test signal type 1 defined in clause 5.4 radar parameter table at the level defined in Interference Detection Threshold + G [dBi]. This single-burst radar signal shall commence at approximately 10 seconds after T_1 .
4. It shall be recorded if the radar test signal was detected.
5. The steps 3 to 4 shall be repeated at least 4 times in order to determine the detection probability for theselected radar test signal. The detection probability of 4 or more times is "good".
6. The steps 3 to 5 shall be repeated for each of the radar test signals defined in clause 5.4 radar parameter table.



Interference Detection Threshold

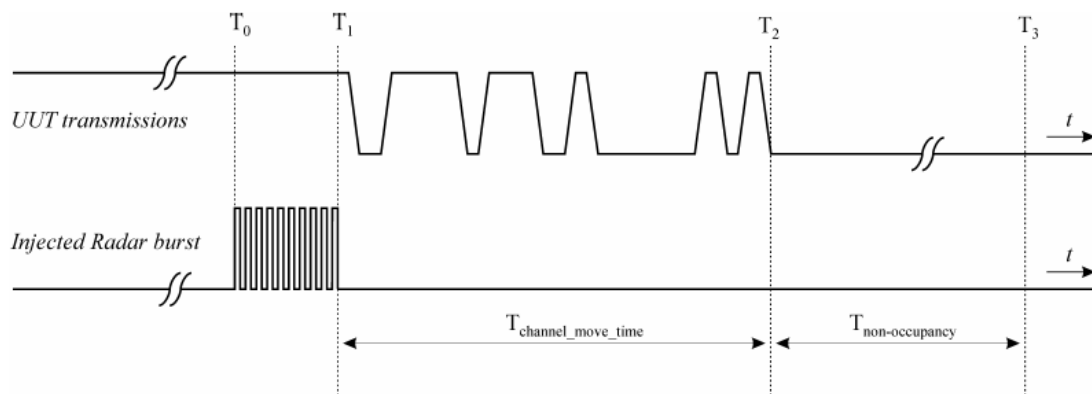
In-Service Monitoring

1. The signal generator and UUT are connected using "Test Setup Layout" as described in clause 5.6.
2. W53: The UUT shall transmit a test transmission sequence in accordance with 30% data load (30% measured over an interval of 100 ms) on the selected channel Ch_r .
W56: The UUT shall transmit a test transmission sequence in accordance with 17% data load (17% measured over an interval of 100 ms) on the selected channel Ch_r .
3. At a certain time T_0 , a radar burst is generated on Ch_r using radar test signal type 1 defined in clause 5.4 radar parameter table and at a level defined in Interference Detection Threshold+G[dBi]. T_1 denotes the end of the radar burst.
4. The radar genera It shall be recorded if the radar test signal was detected.
5. The steps 1 to 3 shall be repeated at least 20 times in order to determine the detection probability for the selected radar test signal. The detection probability shall be compared with the limit specified in clause 5.4 radar parameter table.
6. The steps 1 to 4 shall be repeated for each of the radar test signals defined in clause 5.4 radar parameter table.



Channel Move Time / Channel Closing Transmission Time / Non-Occupancy Period

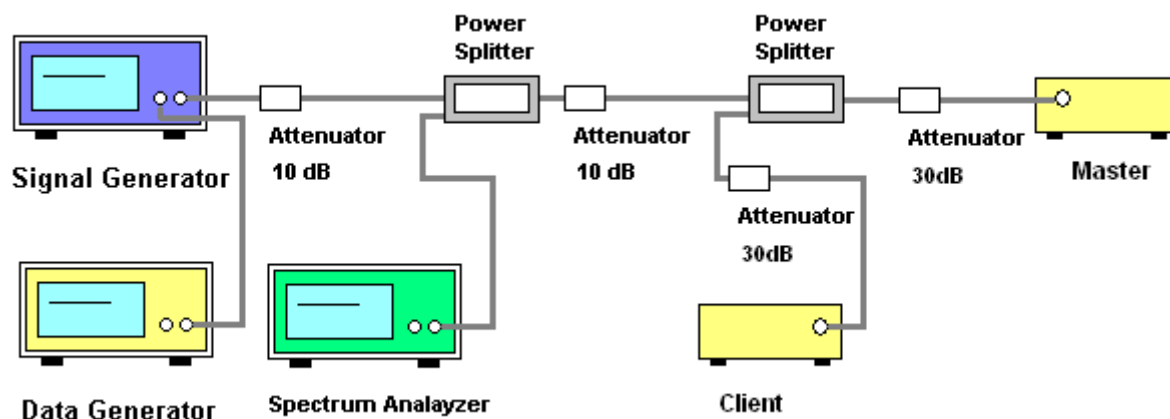
1. The signal generator and UUT are connected using "Test Setup Layout" as described in clause 5.6.
2. W53: The UUT shall transmit a test transmission sequence in accordance with 30% data load (30% measured over an interval of 100 ms) on the selected channel Ch_r .
W56: The UUT shall transmit a test transmission sequence in accordance with 17% data load (17% measured over an interval of 100 ms) on the selected channel Ch_r .
3. At a certain time T_0 , a radar burst is generated on Ch_r using radar test signal type 1 defined in clause 5.4 radar parameter table and at a level defined in Interference Detection Threshold + G [dBi]. T_1 denotes the end of the radar burst.
4. The transmissions of the UUT following instant T_1 on the selected channel shall be observed for a period greater than or equal to the Channel Move Time (10 sec) defined in clause 5.1 DFS requirement values table. The aggregate duration (Channel Closing Transmission Time [260 ms]) of all transmissions from the UUT during the Channel Move Time (10 sec) shall be compared to the limit defined in clause 5.1 DFS requirement values table.
5. T_2 denotes the instant when the UUT has ceased all transmissions on the channel. The time difference between T_1 and T_2 shall be measured. This value (Channel Move Time) shall be noted and compared with the limit defined in clause 5.1 DFS requirement values table.
6. The selected channel shall be observed for a period equal to the Non-Occupancy Period ($T_3 - T_2$) to verify that the UUT does not resume any transmissions on this channel.



For Slave Device

Not Applicable.

5.6 TEST SETUP LAYOUT



5.7 TEST DEVIATION

There is no deviation with the original standard.

5.8 EUT OPERATION DURING TEST

W53: The EUT was programmed in normal link mode at least 30 % traffic load.

W56: The EUT was programmed in normal link mode at least 17 % traffic load.

5.9 TEST RESULT

Please refer to the Appendix A.

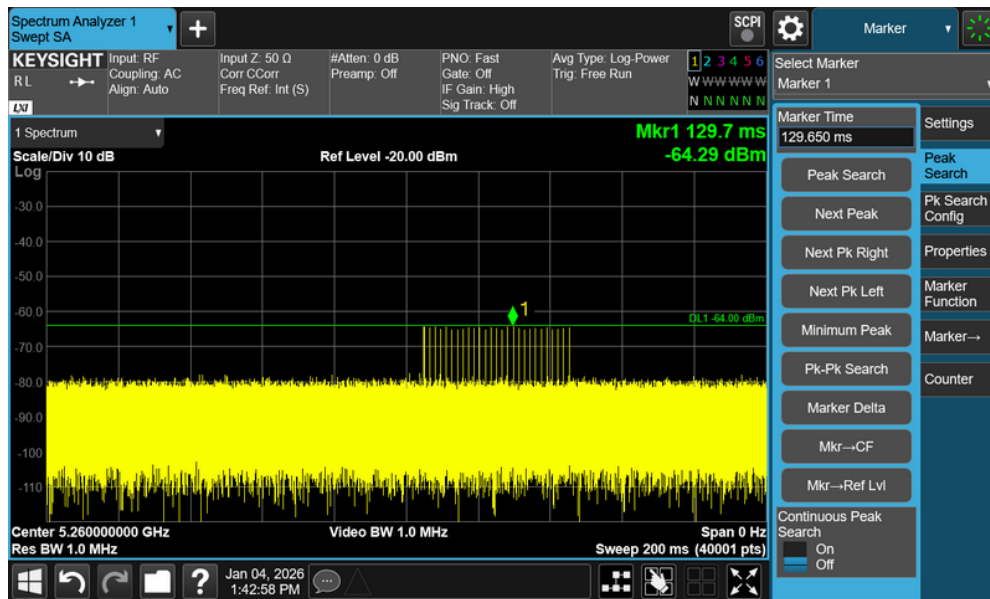
6. DFS DETECTION THRESHOLD

Calibration:

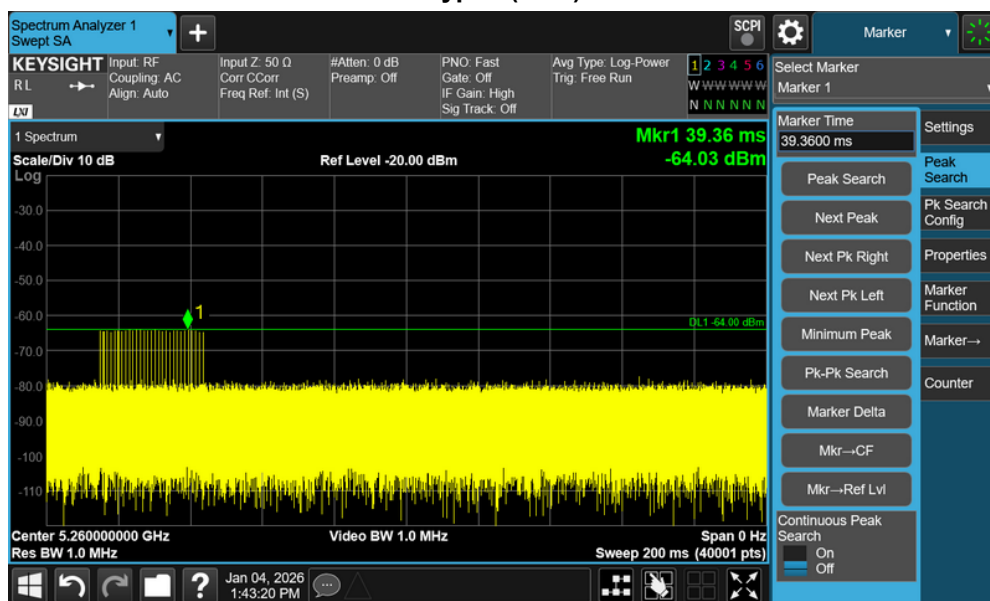
For a detection threshold level of -62dBm and the antenna gain is 4.84 dBi, required detection threshold is -57.16dBm.

Note: In actual testing, we used -64dBm testing because it is worse.

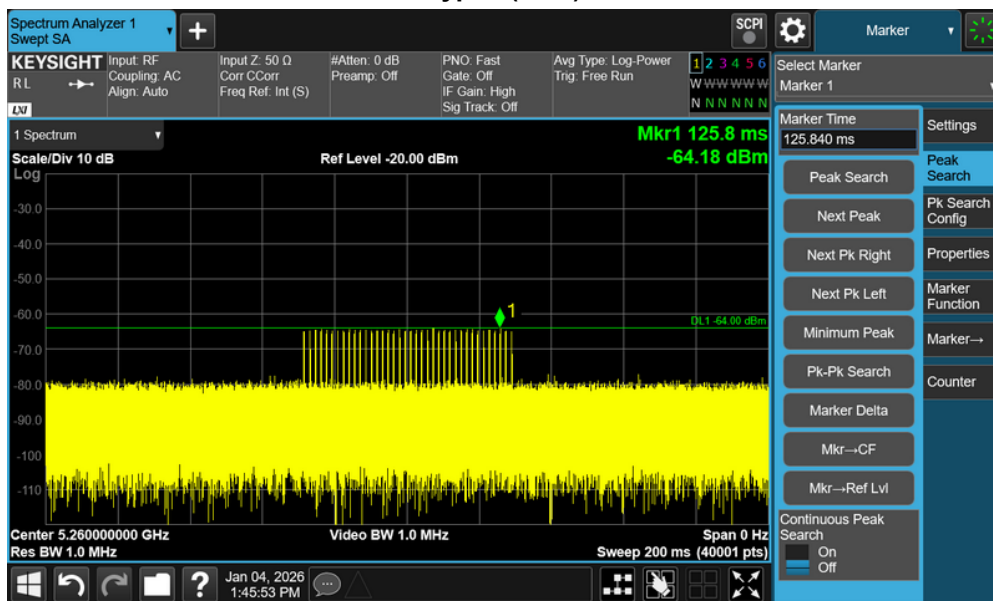
Type 1(W53)



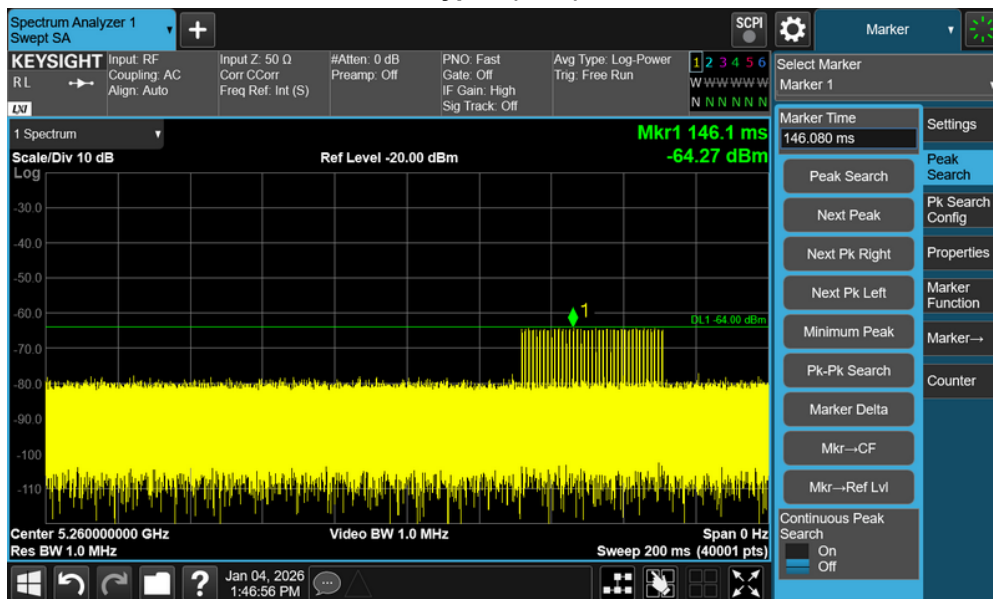
Type 2(W53)



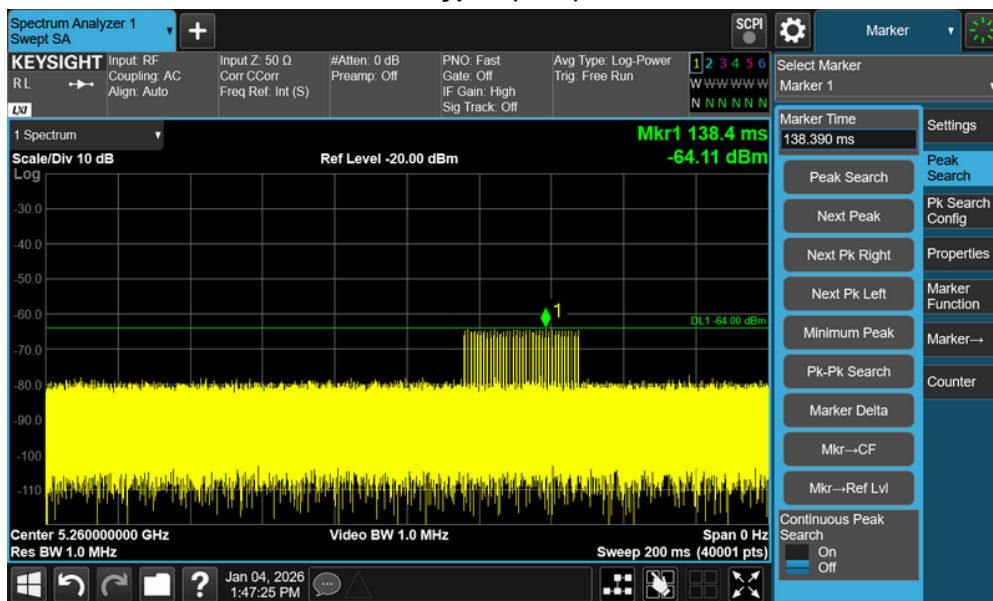
Type 3(W53)



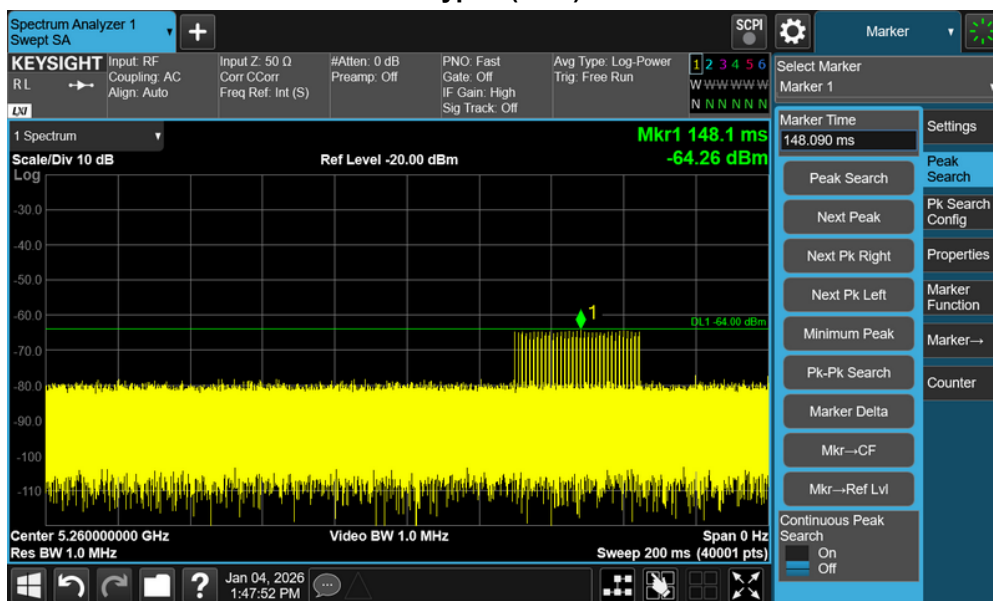
Type 4(W53)



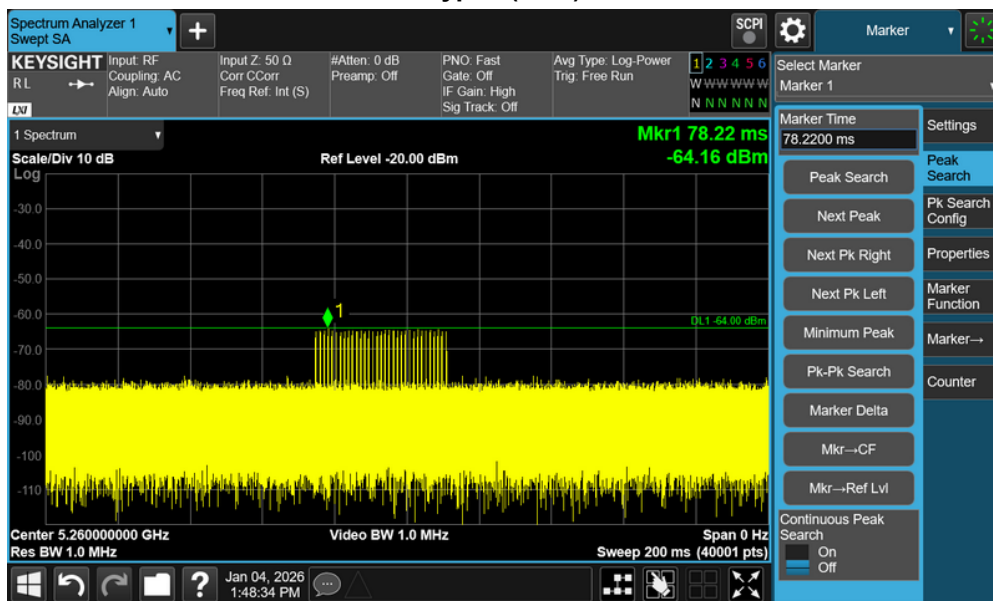
Type 5(W53)



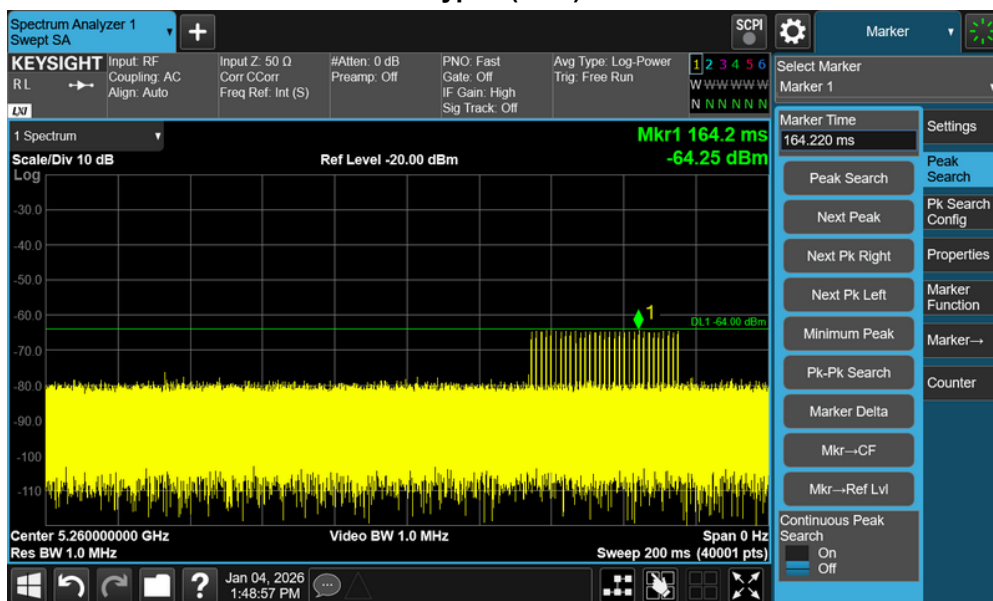
Type 6(W53)



Type 7(W53)



Type 8(W53)



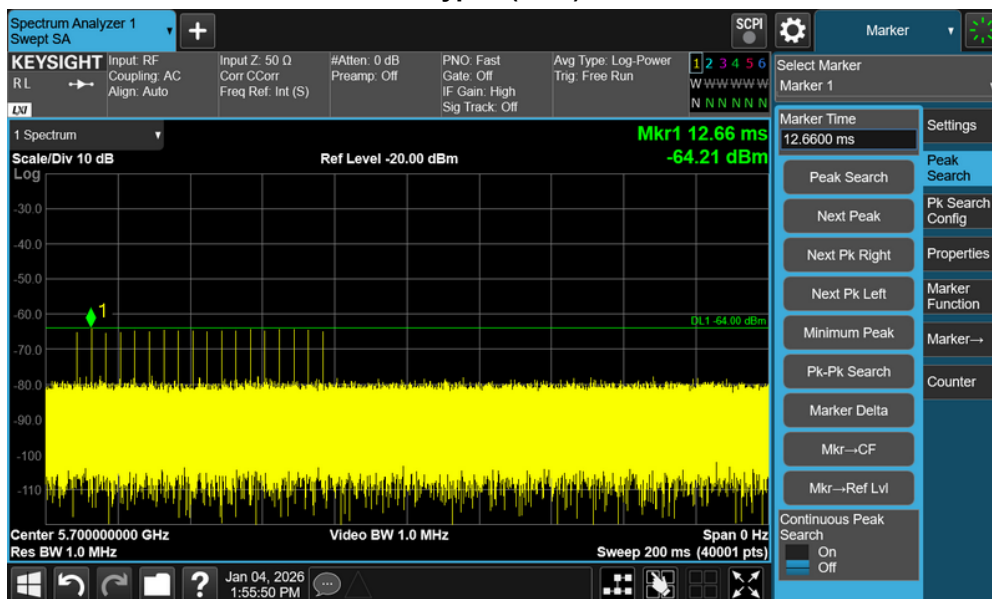
The screenshot displays a Keysight Spectrum Analyzer interface. The main display shows a spectrum plot with a peak at 165.040 MHz, labeled "Mkr1 165.0 ms" and "-64.32 dBm". The plot is set to a scale of 10 dB and a resolution bandwidth of 1.0 MHz. The frequency range is centered at 5.700000000 GHz with a span of 0 Hz. The plot shows a noisy baseline with a distinct peak at the marked frequency.

Key interface elements include:

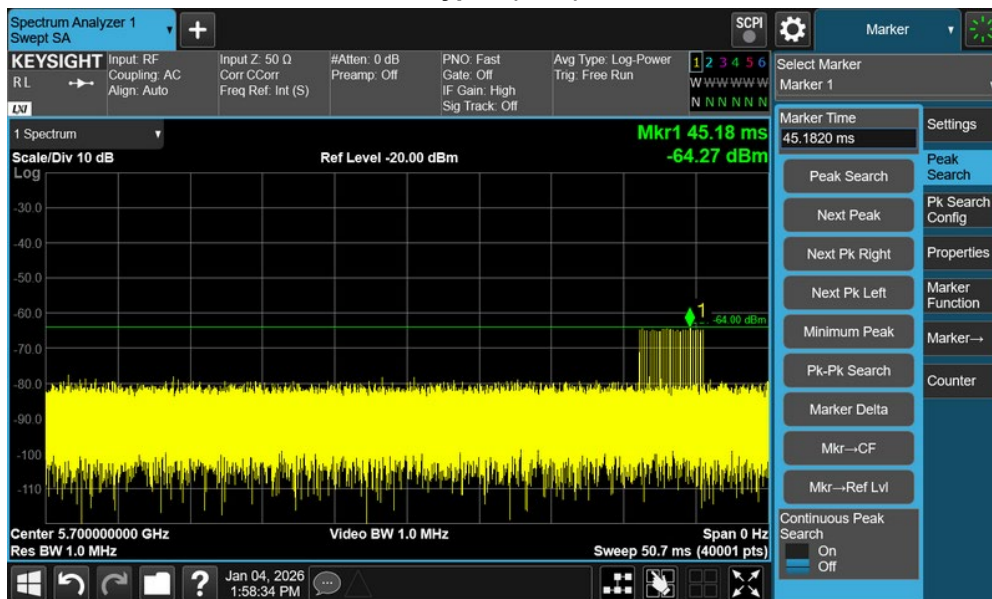
- Top Bar:** Spectrum Analyzer 1, Swept SA, and various control buttons (SCPI, Marker, etc.).
- Configuration Panel:**
 - Input Z: 50 Ω , Corr C: Corr, Freq Ref: Int (S)
 - #Atten: 0 dB, Preamplifier: Off
 - PNO: Fast, Gate: Off, IF Gain: High, Sig Track: Off
 - Avg Type: Log-Power, Trng: Free Run
- Marker Panel:**
 - Marker 1: 165.040 ms, -64.32 dBm
 - Buttons: Peak Search, Next Peak, Next Pk Right, Next Pk Left, Minimum Peak, Pk-Pk Search, Marker Delta, Mkr→CF, Mkr→Ref Lvl
- Bottom Bar:**
 - Center: 5.700000000 GHz, Res BW: 1.0 MHz, Video BW: 1.0 MHz, Span: 0 Hz, Sweep: 200 ms (40001 pts)
 - OSD: Jan 04, 2026 1:51:13 PM

The screenshot displays a Spectrum Analyzer 1 interface. The top status bar shows "Spectrum Analyzer 1" and "Sweep SA". The main display area shows a spectral plot with a yellow background and a black grid. A single peak is visible at 179.230 ms and -64.29 dBm. The plot is labeled "1 Spectrum" and "Scale/Div 10 dB". The frequency is centered at 5.700000000 GHz, and the video bandwidth is 1.0 MHz. The resolution bandwidth is 1.0 Hz, and the sweep time is 200 ms. The plot shows a noisy baseline with a sharp peak at the specified frequency.

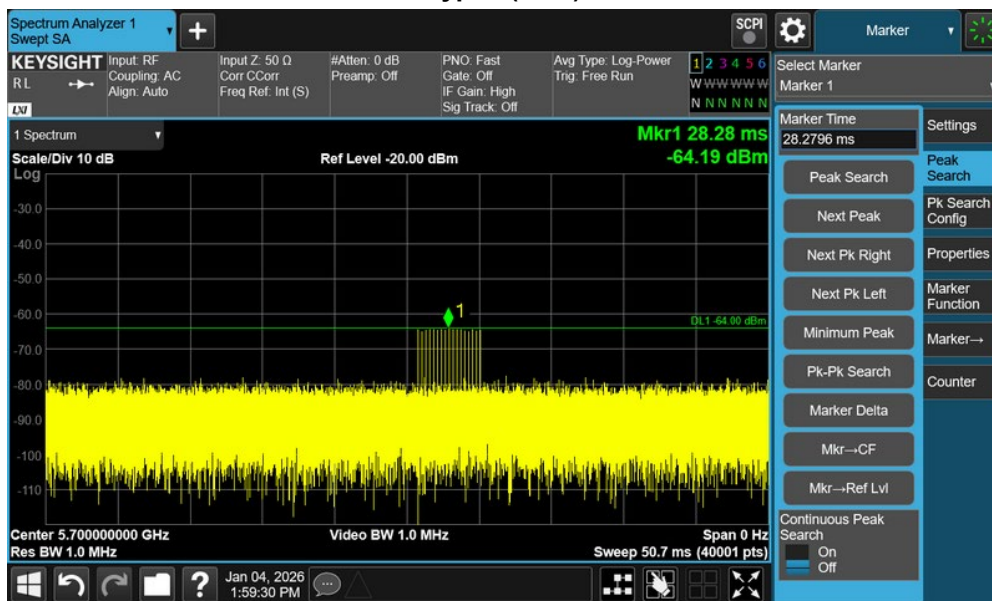
Type 3(W56)



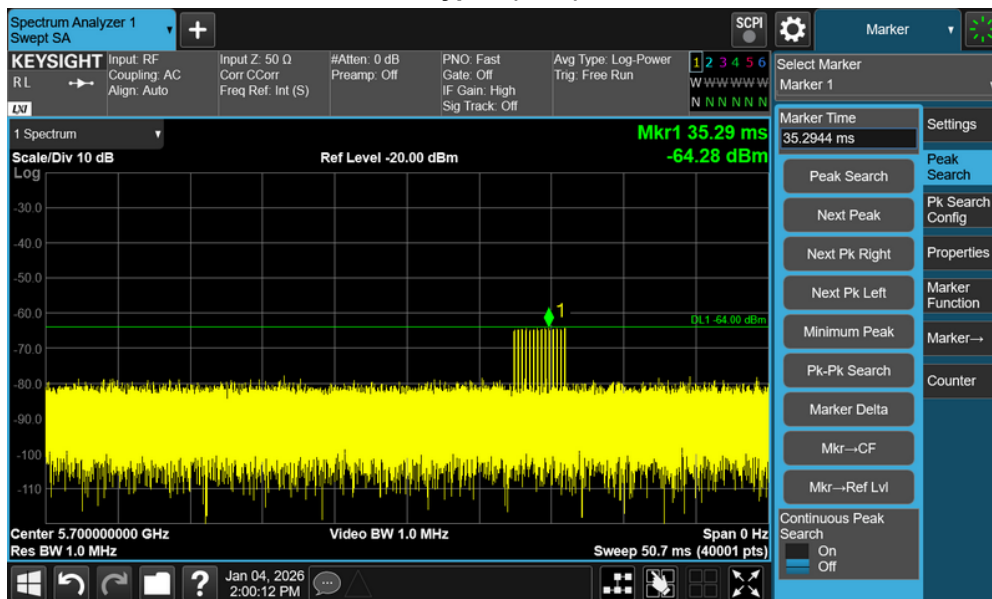
Type 4(W56)



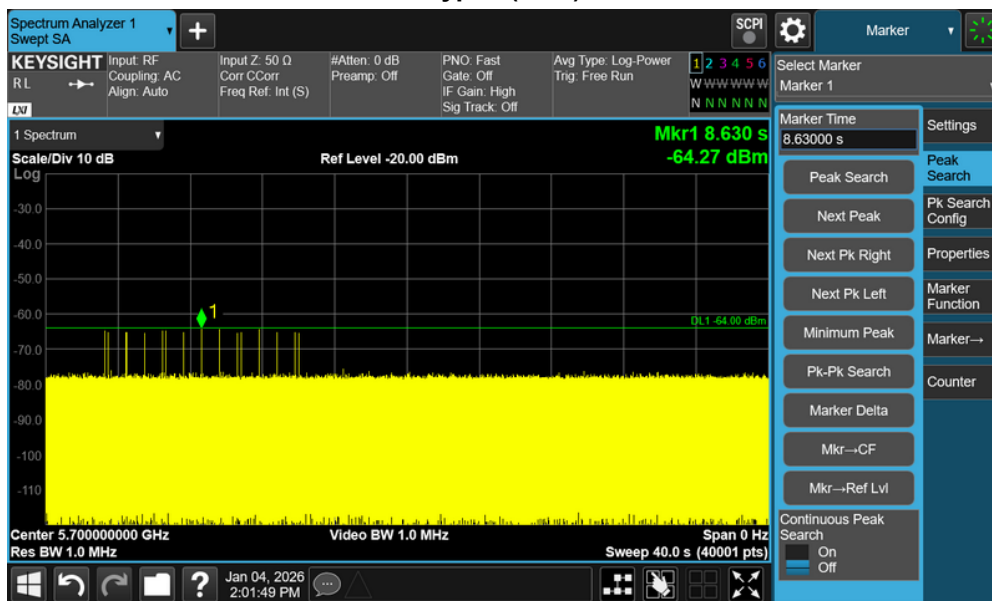
Type 5(W56)



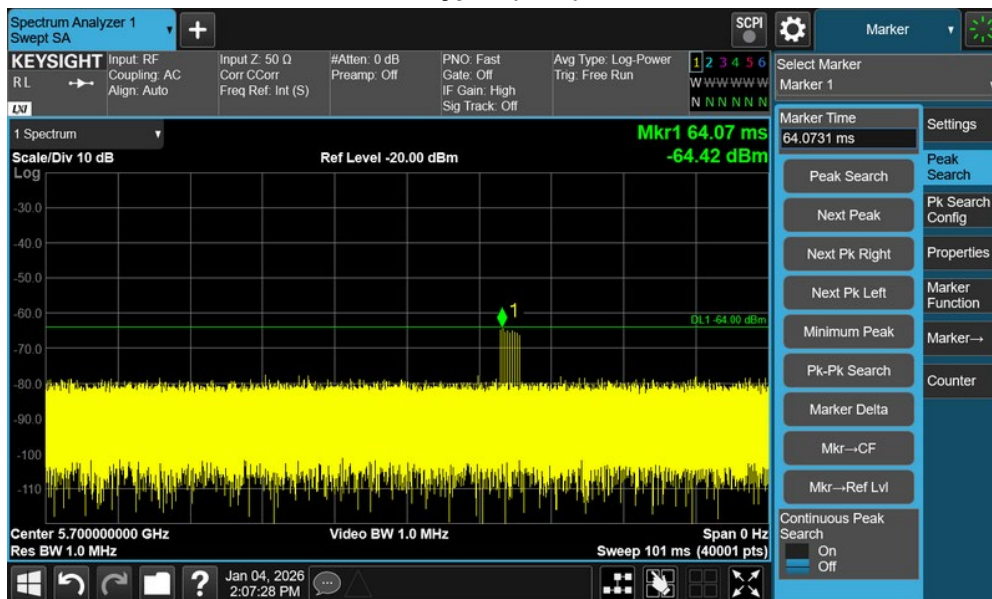
Type 6(W56)



Type 7(W56)



Type 8(W56)



7. LIST OF MEASURING EQUIPMENTS

Kind of Equipment	Manufacturer	Model No.	Serial No.	Validity Date (See Note 1)	Calibration Agency	Class Information
Attenuator	RegalWay	RWPA-6000-1 10-MA	N/A	May 27, 2026	CEPREI Calibration and Testing Center	(c)
Attenuator	RegalWay	RWA-201-S-10	N/A	May 27, 2026	CEPREI Calibration and Testing Center	(c)
Cable	RegalWay	RWP50-402-S MSM-1M	N/A	N/A	N/A	-
Cable	RegalWay	RWP50-402-S MSM-1M	N/A	N/A	N/A	-
Cable	RegalWay	RWP50-402-S MSM-1M	N/A	N/A	N/A	-
Cable	RegalWay	RWP50-402-S MSM-0.3M	N/A	N/A	N/A	-
Cable	RegalWay	RWP50-402-S MSM-0.5M	N/A	N/A	N/A	-
Power Divider	RegalWay	RW-PD2-0118 SF30	N/A	May 27, 2026	CEPREI Calibration and Testing Center	(c)
Power Splitter	RegalWay	RW-PD4-0118 SF30	N/A	May 27, 2026	CEPREI Calibration and Testing Center	(c)
Power Divider	RegalWay	RWPD2-DC27 -S	N/A	May 27, 2026	CEPREI Calibration and Testing Center	(c)
Power Divider	RegalWay	RWPD2-DC27 -S	N/A	May 27, 2026	CEPREI Calibration and Testing Center	(c)
DFS radar profiles 2022 update 1.0	Keysight	N/A	N/A	N/A	N/A	-
MXG Vector Signal Generator	Keysight	N5182B	MY57300602	May 27, 2026	CEPREI Calibration and Testing Center	(c)
MXA Signal Analyzer	KEYSIGHT	N9020B	MY60112753	May 09, 2026	CEPREI Calibration and Testing Center	(c)
Notebook	Lenovo	Xiaoxin Air 14	N/A	N/A	N/A	-

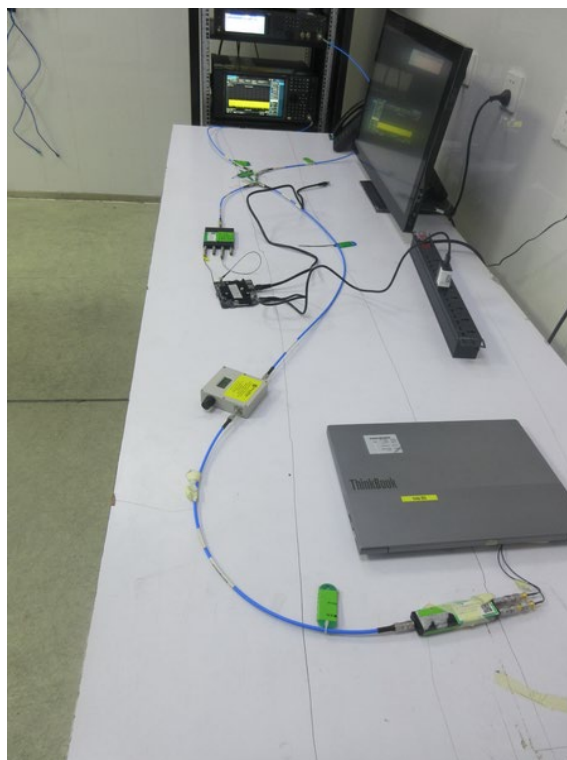
Remark:

- Calibration conducted by the National Institute of Information and Communications Technology (NITC) in Japan (hereinafter referred to as "NITC") or a designated calibration agency under Article 102-18 paragraph (1) in JRL.
- Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Act (Act No.51 of 1992).
- Calibration conducted in countries except Japan, which shall be equivalent to the calibration Conducted by the NITC or a designation agency under Article 102-18 paragraph (1).
- Calibration, etc. conducted by using measuring instruments and other equipment listed in the above column of appended table No.3, which shall have been given any type of calibration, etc. listed above from (a) to (c). From JRL Article 24-2, paragraph 4, item 2.

Note:

- "N/A" denotes the equipment is verified or confirmed internally by test lab.
- The calibration interval of the above test instruments is 12 months.
- The Calibration Agency(CHINA CEPREI LABORATORY) address for the Building 9, No. 78, West Zhucun Avenue, Zhucun Street, Zengcheng District, Guangzhou City.

8. EUT TEST PHOTO



APPENDIX A - DYNAMIC FREQUENCY SELECTION (DFS)

A.1 CHANNEL AVAILABILITY CHECK

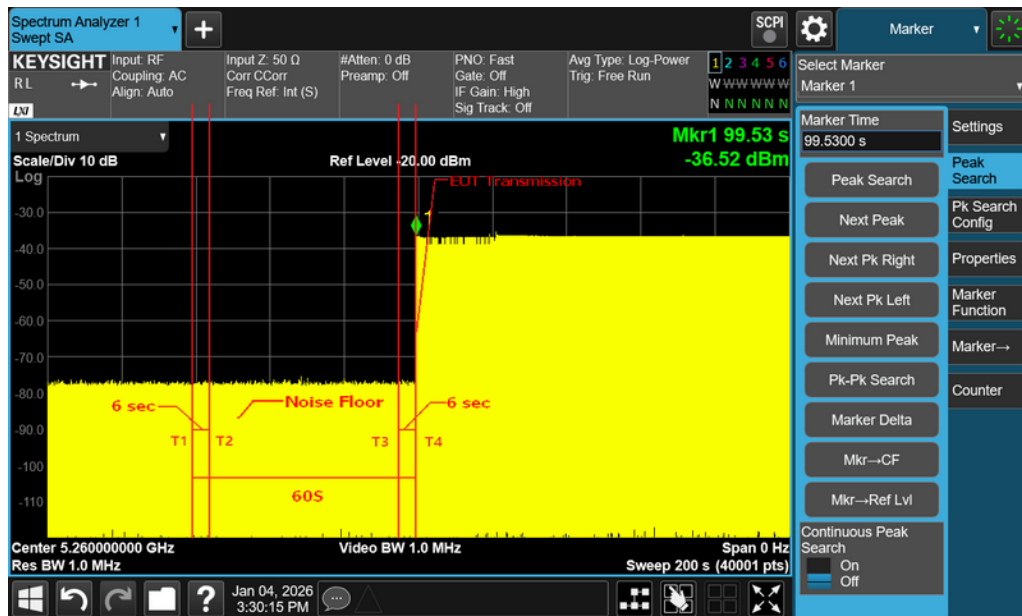
IEEE 802.11a - 5260MHz

Short Pulse Radar Test Waveforms

Radar signal	Pass times	Fail times	Limit
Type 1	4	0	Pass times $\geq$ 4
Type 2	4	0	Pass times $\geq$ 4
Type 3	4	0	Pass times $\geq$ 4
Type 4	4	0	Pass times $\geq$ 4
Type 5	4	0	Pass times $\geq$ 4
Type 6	4	0	Pass times $\geq$ 4
Type 7	4	0	Pass times $\geq$ 4
Type 8	4	0	Pass times $\geq$ 4

IEEE 802.11a - 5260MHz

Initial Channel Availability Check Time



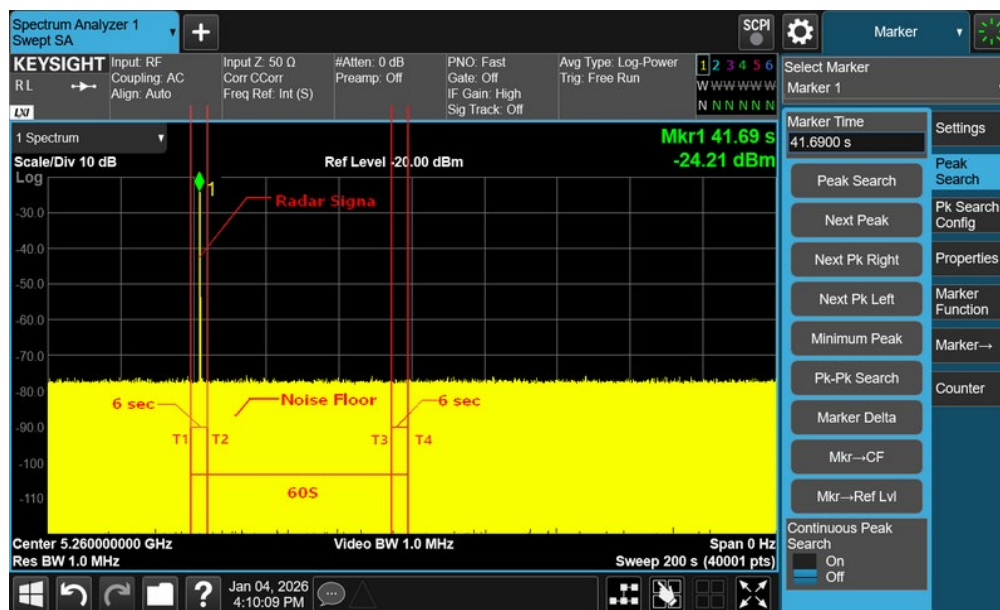
Note: T1 denotes the end of power-up time period is 39.53 second.

T4 denotes the end of Channel Availability Check time is 99.53 second.

Channel Availability Check time is equal to $(T4 - T1)$ 60 seconds.

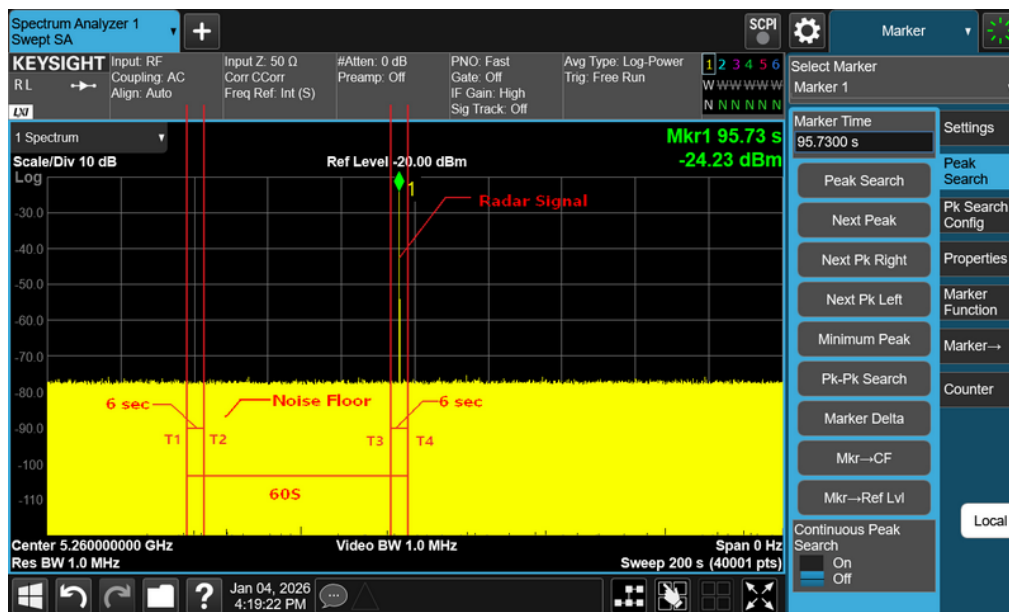
The CAC time is set by the manufacturer's software, with a default duration of 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



Note: T1 denotes the end of power up time period is 39.53 second.
T2 denotes 45.53 second. The radar burst was commenced within a 6 second window starting from the end of power-up sequence.
T4 denotes the 99.53 second.

Radar Burst at the End of the Channel Availability Check Time



Note: T1 denotes the end of power up time period is 39.53 second.
T3 denotes 93.53 second and radar burst was commenced within 54 second to 60 second window starting from the end of power-up sequence.
T4 denotes the 99.53 second.

IEEE 802.11ac(VHT40) - 5270MHz

Short Pulse Radar Test Waveforms

Radar signal	Pass times	Fail times	Limit
Type 1	4	0	Pass times $\geq$ 4
Type 2	4	0	Pass times $\geq$ 4
Type 3	4	0	Pass times $\geq$ 4
Type 4	4	0	Pass times $\geq$ 4
Type 5	4	0	Pass times $\geq$ 4
Type 6	4	0	Pass times $\geq$ 4
Type 7	4	0	Pass times $\geq$ 4
Type 8	4	0	Pass times $\geq$ 4

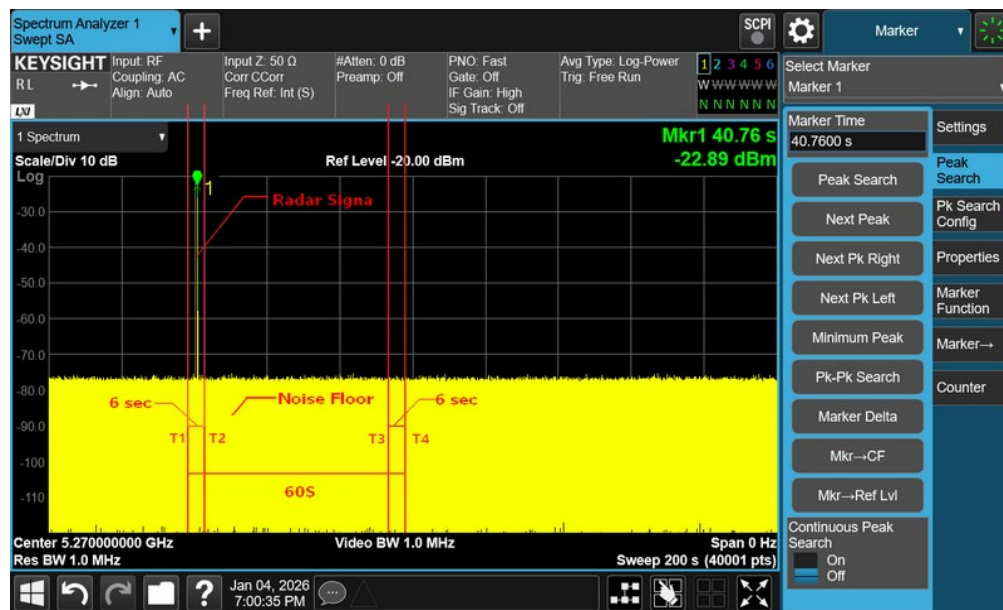
IEEE 802.11ac(VHT40) - 5270MHz

Initial Channel Availability Check Time



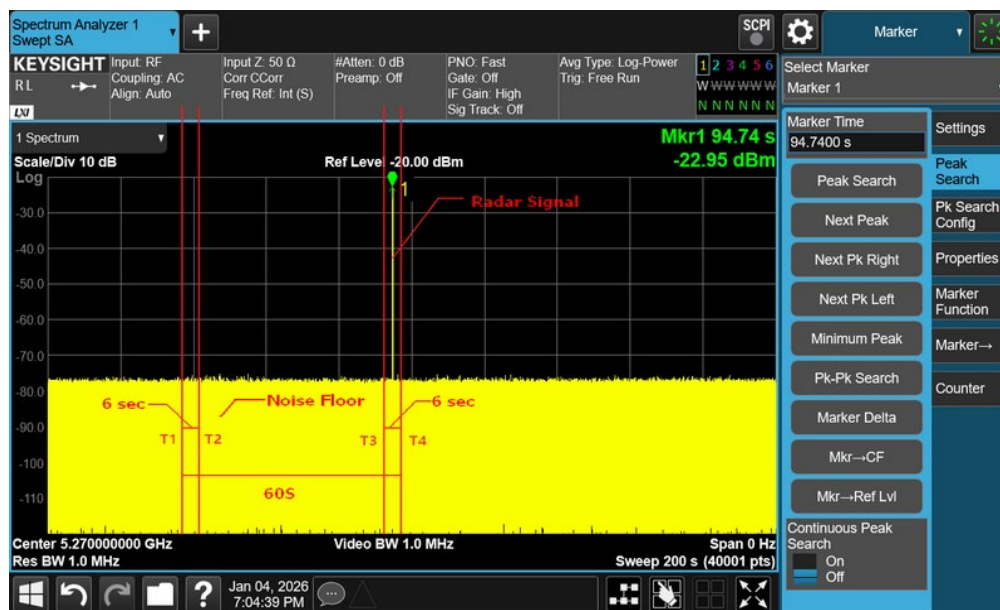
Note: T1 denotes the end of power-up time period is 38.85 second.
T4 denotes the end of Channel Availability Check time is 98.85 second.
Channel Availability Check time is equal to (T4 - T1) 60 seconds.
The CAC time is set by the manufacturer's software, with a default duration of 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



Note: T1 denotes the end of power up time period is 38.85 second.
T2 denotes 44.85 second. The radar burst was commenced within a 6 second window starting from the end of power-up sequence.
T4 denotes the 98.85 second.

Radar Burst at the End of the Channel Availability Check Time



Note: T1 denotes the end of power up time period is 38.85 second.
T3 denotes 92.85 second and radar burst was commenced within 54 second to 60 second window starting from the end of power-up sequence.
T4 denotes the 98.85 second.

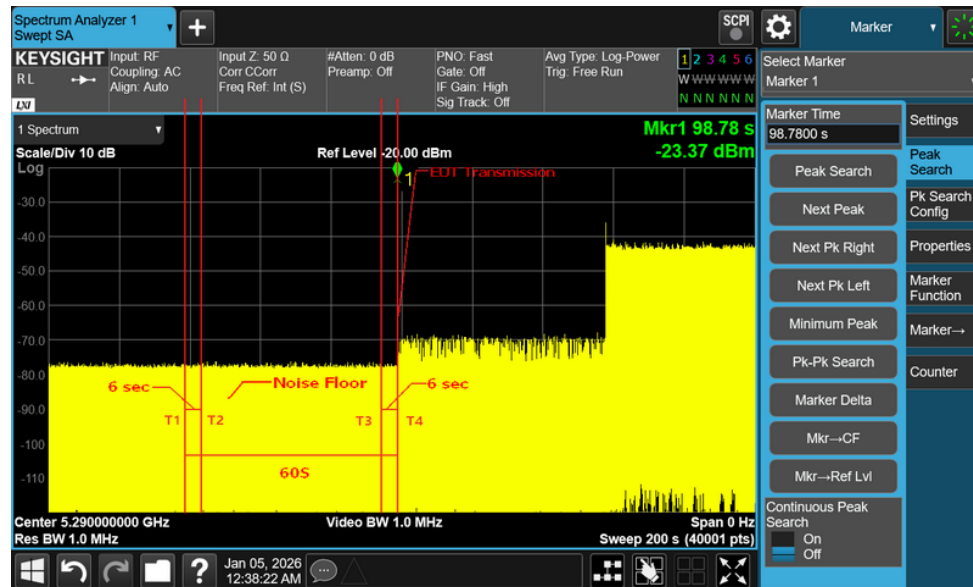
IEEE 802.11ax(HE80) - 5290MHz

Short Pulse Radar Test Waveforms

Radar signal	Pass times	Fail times	Limit
Type 1	4	0	Pass times $\geq$ 4
Type 2	4	0	Pass times $\geq$ 4
Type 3	4	0	Pass times $\geq$ 4
Type 4	4	0	Pass times $\geq$ 4
Type 5	4	0	Pass times $\geq$ 4
Type 6	4	0	Pass times $\geq$ 4
Type 7	4	0	Pass times $\geq$ 4
Type 8	4	0	Pass times $\geq$ 4

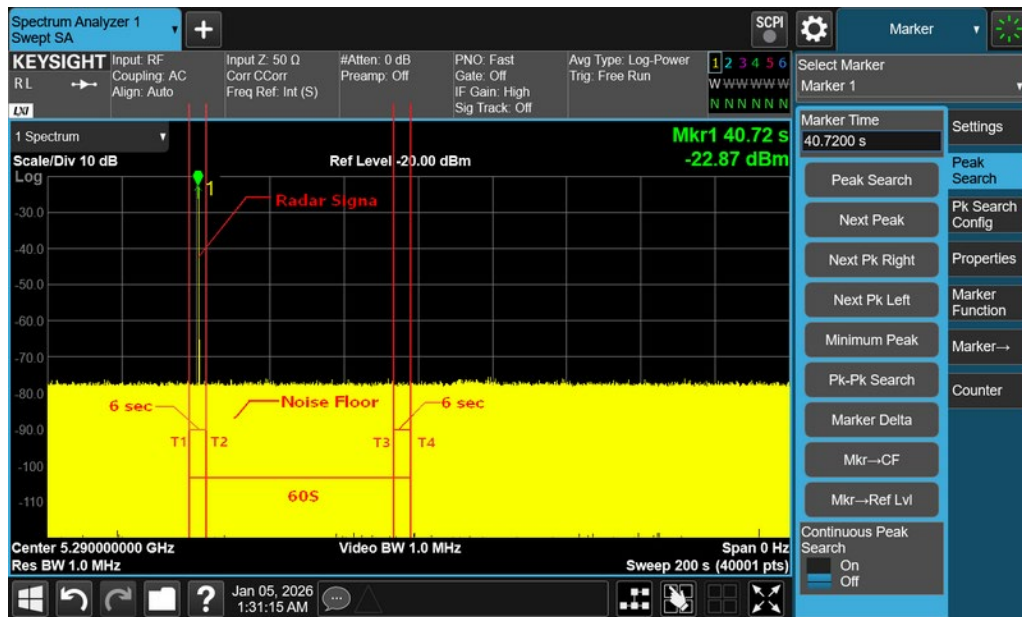
IEEE 802.11ax(HE80) - 5290MHz

Initial Channel Availability Check Time



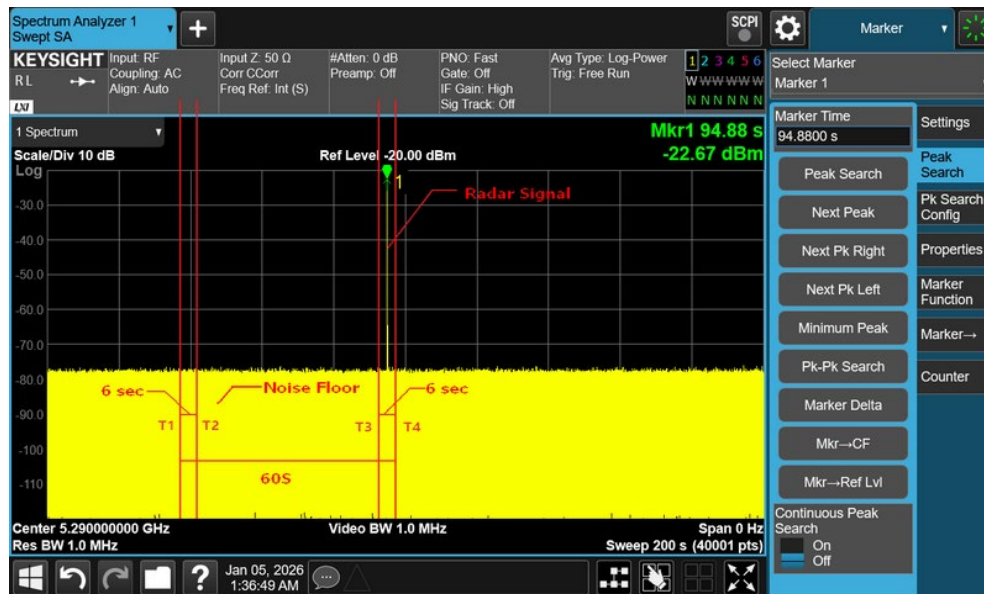
Note: T1 denotes the end of power-up time period is 38.78 second.
T4 denotes the end of Channel Availability Check time is 98.78 second.
Channel Availability Check time is equal to (T4 - T1) 60 seconds.
The CAC time is set by the manufacturer's software, with a default duration of 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



Note: T1 denotes the end of power up time period is 38.78 second.
T2 denotes 44.78 second. The radar burst was commenced within a 6 second window starting from the end of power-up sequence.
T4 denotes the 98.78 second.

Radar Burst at the End of the Channel Availability Check Time



Note: T1 denotes the end of power up time period is 38.78 second.
T3 denotes 92.78 second and radar burst was commenced within 54 second to 60 second window starting from the end of power-up sequence.
T4 denotes the 98.78 second.

IEEE 802.11a - 5700MHz

Short Pulse Radar Test Waveforms

Radar signal	Pass times	Fail times	Limit
Type 1	4	0	Pass times $\geq$ 4
Type 2	4	0	Pass times $\geq$ 4
Type 3	4	0	Pass times $\geq$ 4
Type 4	4	0	Pass times $\geq$ 4
Type 5	4	0	Pass times $\geq$ 4
Type 6	4	0	Pass times $\geq$ 4

Long Pulse Radar Test Waveform

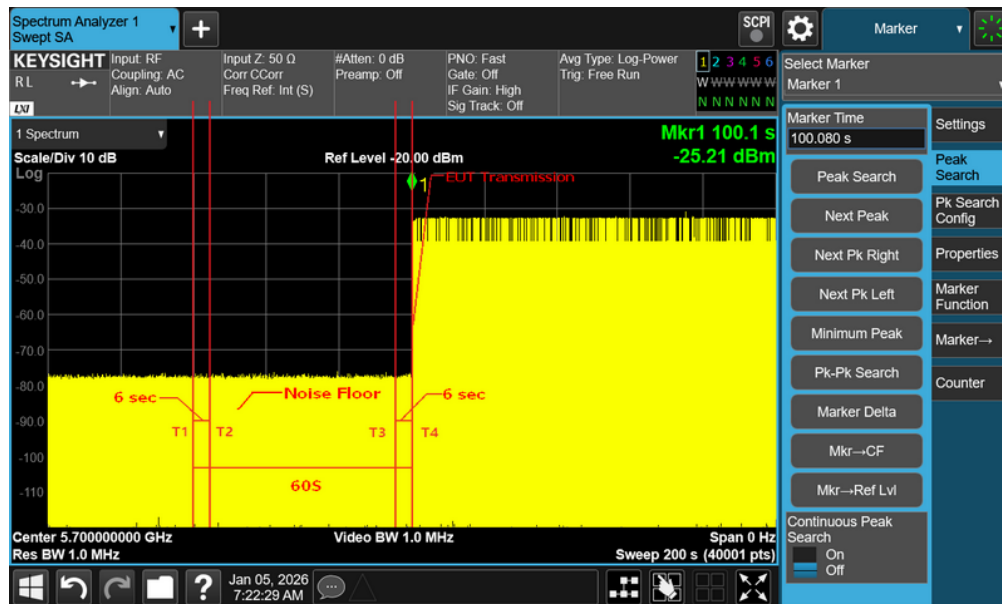
Radar signal	Pass times	Fail times	Limit
Type 7	4	0	Pass times $\geq$ 4

Frequency Hopping Radar Test Waveform

Radar signal	Pass times	Fail times	Limit
Type 8	4	0	Pass times $\geq$ 4

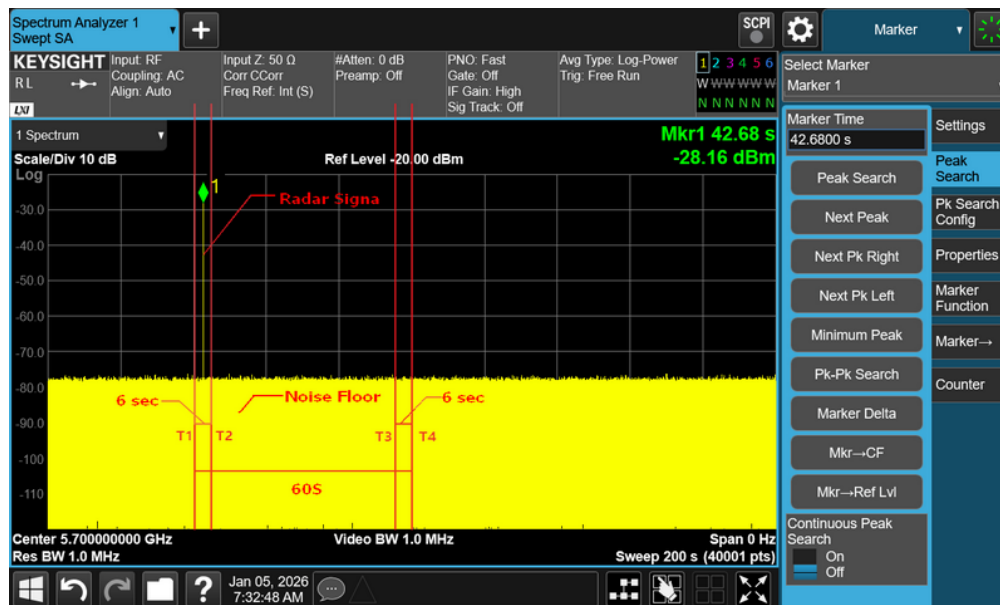
IEEE 802.11a - 5700MHz

Initial Channel Availability Check Time



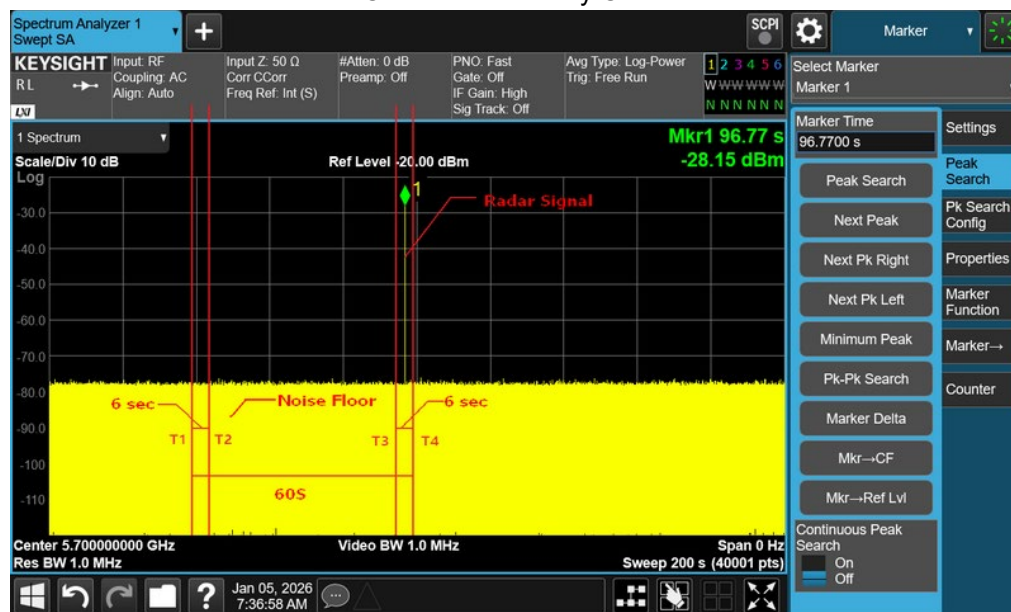
Note: T1 denotes the end of power-up time period is 40.1 second.
T4 denotes the end of Channel Availability Check time is 100.1 second.
Channel Availability Check time is equal to (T4 - T1) 60 seconds.
The CAC time is set by the manufacturer's software, with a default duration of 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



Note: T1 denotes the end of power up time period is 40.1 second.
T2 denotes 46.1 second. The radar burst was commenced within a 6 second window starting from the end of power-up sequence.
T4 denotes the 100.1 second.

Radar Burst at the End of the Channel Availability Check Time



Note: T1 denotes the end of power up time period is 40.1 second.
T3 denotes 94.1 second and radar burst was commenced within 54 second to 60 second window starting from the end of power-up sequence.
T4 denotes the 100.1 second.

IEEE 802.11ac(VHT40) - 5670MHz

Short Pulse Radar Test Waveforms

Radar signal	Pass times	Fail times	Limit
Type 1	4	0	Pass times $\geq$ 4
Type 2	4	0	Pass times $\geq$ 4
Type 3	4	0	Pass times $\geq$ 4
Type 4	4	0	Pass times $\geq$ 4
Type 5	4	0	Pass times $\geq$ 4
Type 6	4	0	Pass times $\geq$ 4

Long Pulse Radar Test Waveform

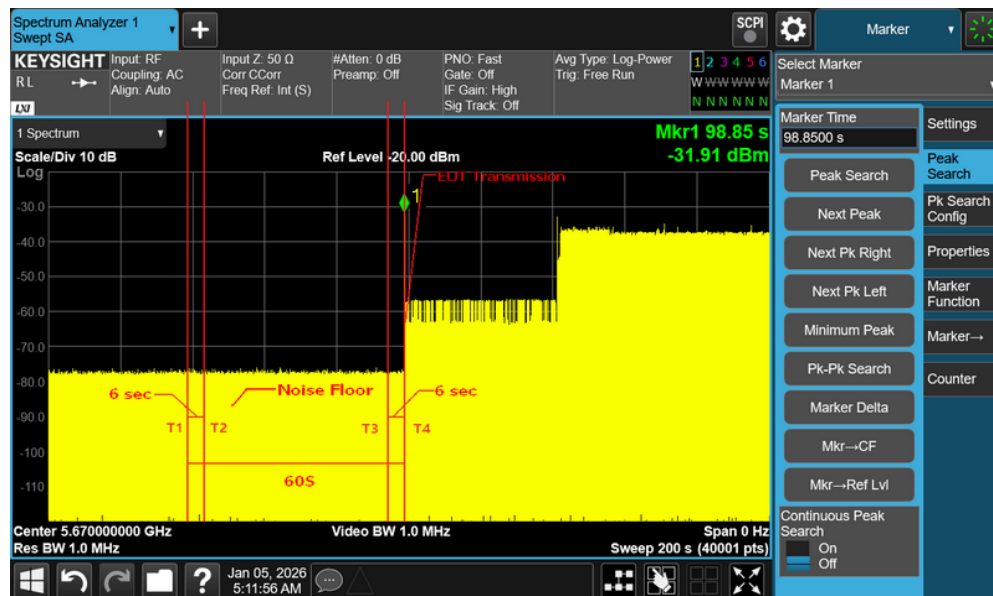
Radar signal	Pass times	Fail times	Limit
Type 7	4	0	Pass times $\geq$ 4

Frequency Hopping Radar Test Waveform

Radar signal	Pass times	Fail times	Limit
Type 8	4	0	Pass times $\geq$ 4

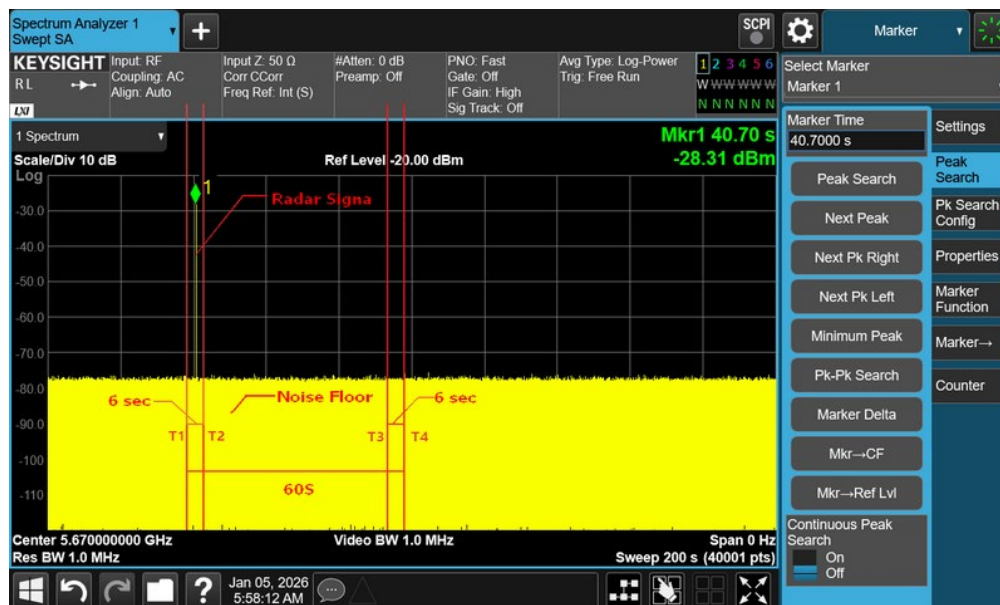
IEEE 802.11ac(VHT40) - 5670MHz

Initial Channel Availability Check Time



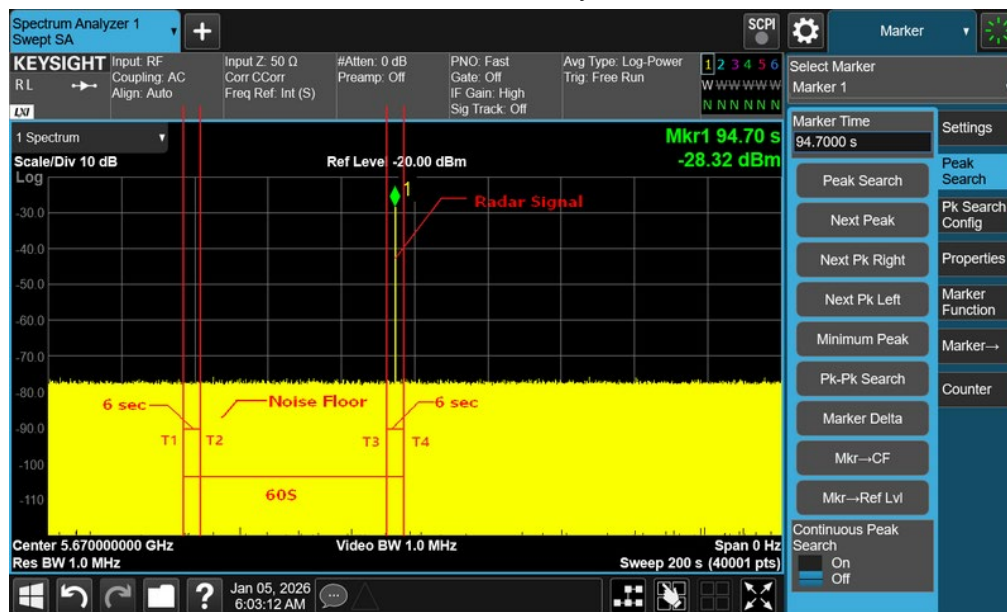
Note: T1 denotes the end of power-up time period is 38.85 second.
T4 denotes the end of Channel Availability Check time is 98.85 second.
Channel Availability Check time is equal to (T4 - T1) 60 seconds.
The CAC time is set by the manufacturer's software, with a default duration of 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



Note: T1 denotes the end of power up time period is 38.85 second.
T2 denotes 44.85 second. The radar burst was commenced within a 6 second window starting from the end of power-up sequence.
T4 denotes the 98.85 second.

Radar Burst at the End of the Channel Availability Check Time



Note: T1 denotes the end of power up time period is 38.85 second.
T3 denotes 92.85 second and radar burst was commenced within 54 second to 60 second window starting from the end of power-up sequence.
T4 denotes the 98.85 second.

IEEE 802.11ax(HE80) - 5530MHz

Short Pulse Radar Test Waveforms

Radar signal	Pass times	Fail times	Limit
Type 1	4	0	Pass times $\geq$ 4
Type 2	4	0	Pass times $\geq$ 4
Type 3	4	0	Pass times $\geq$ 4
Type 4	4	0	Pass times $\geq$ 4
Type 5	4	0	Pass times $\geq$ 4
Type 6	4	0	Pass times $\geq$ 4

Long Pulse Radar Test Waveform

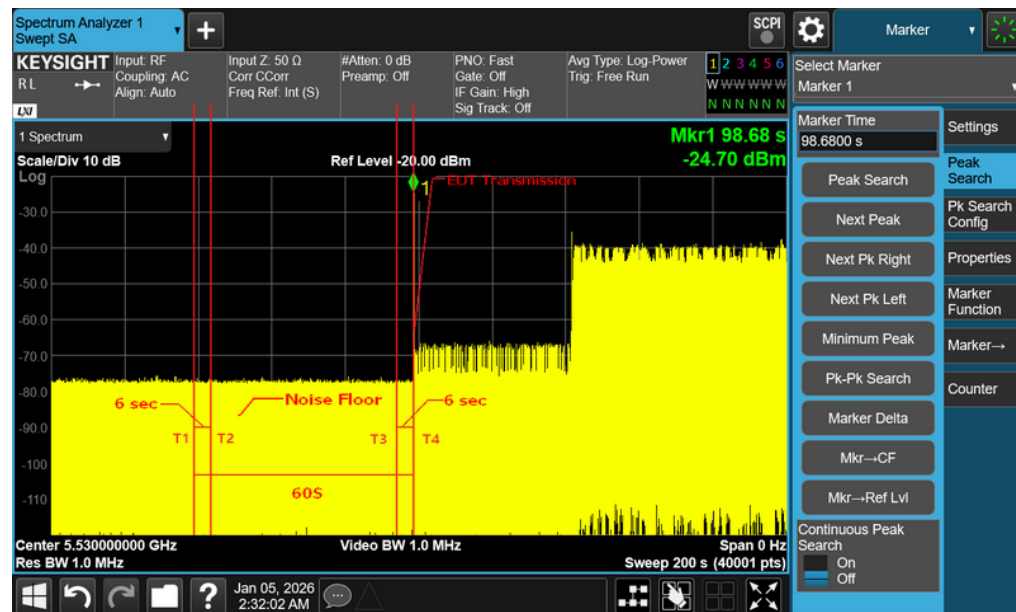
Radar signal	Pass times	Fail times	Limit
Type 7	4	0	Pass times $\geq$ 4

Frequency Hopping Radar Test Waveform

Radar signal	Pass times	Fail times	Limit
Type 8	4	0	Pass times $\geq$ 4

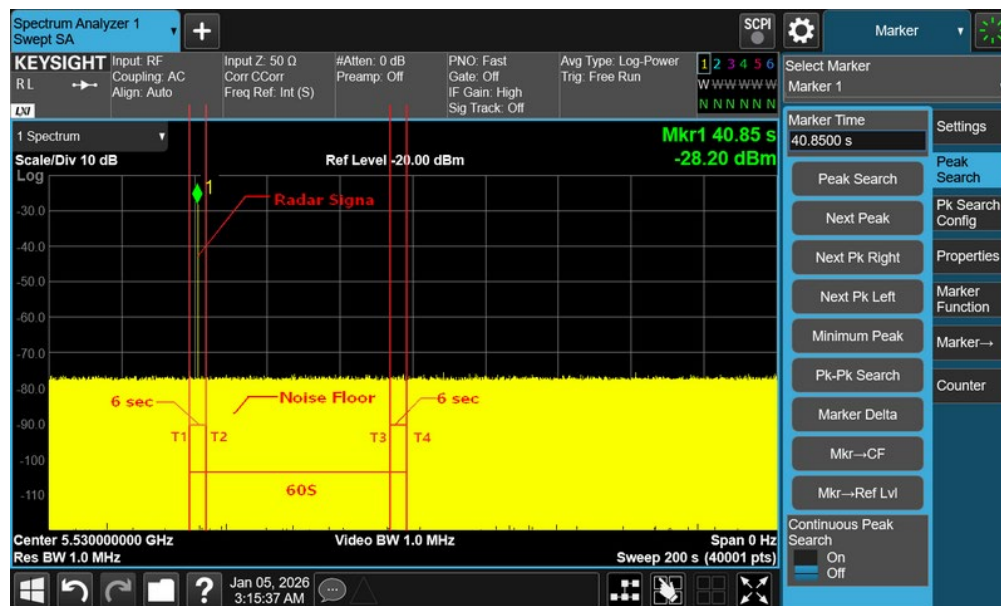
IEEE 802.11ax(HE80) - 5530MHz

Initial Channel Availability Check Time



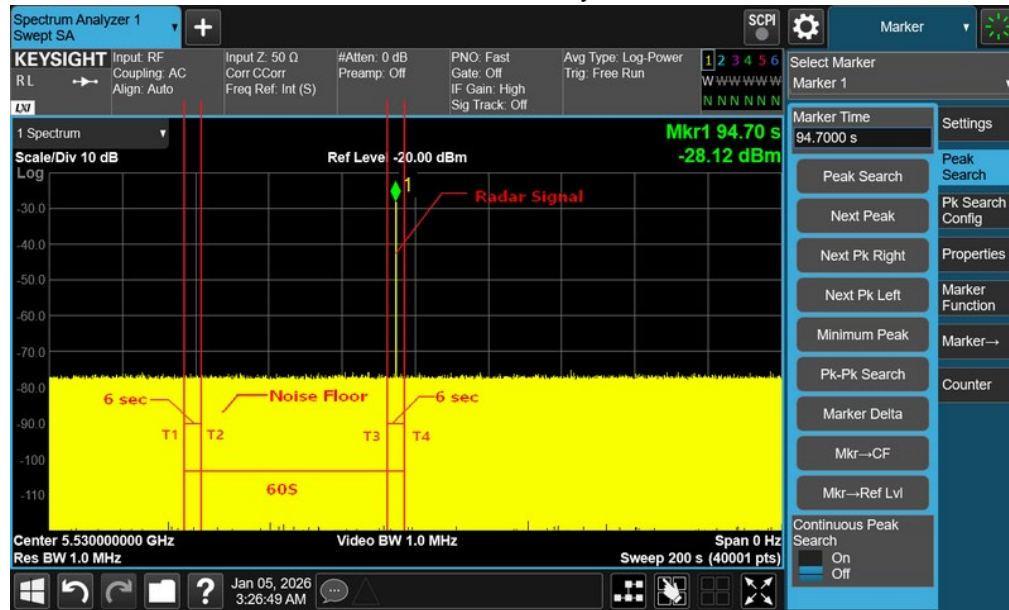
Note: T1 denotes the end of power-up time period is 38.68 second.
T4 denotes the end of Channel Availability Check time is 98.68 second.
Channel Availability Check time is equal to (T4 - T1) 60 seconds.
The CAC time is set by the manufacturer's software, with a default duration of 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



Note: T1 denotes the end of power up time period is 38.68 second.
T2 denotes 44.68 second. The radar burst was commenced within a 6 second window starting from the end of power-up sequence.
T4 denotes the 98.68 second.

Radar Burst at the End of the Channel Availability Check Time



Note: T1 denotes the end of power up time period is 38.68 second.
T3 denotes 92.68 second and radar burst was commenced within 54 second to 60 second window starting from the end of power-up sequence.
T4 denotes the 98.68 second.

A.2 IN-SERVICE MONITORING, CHANNEL CLOSING TRANSMISSION TIME AND CHANNEL MOVE TIME

IEEE 802.11a - 5260MHz

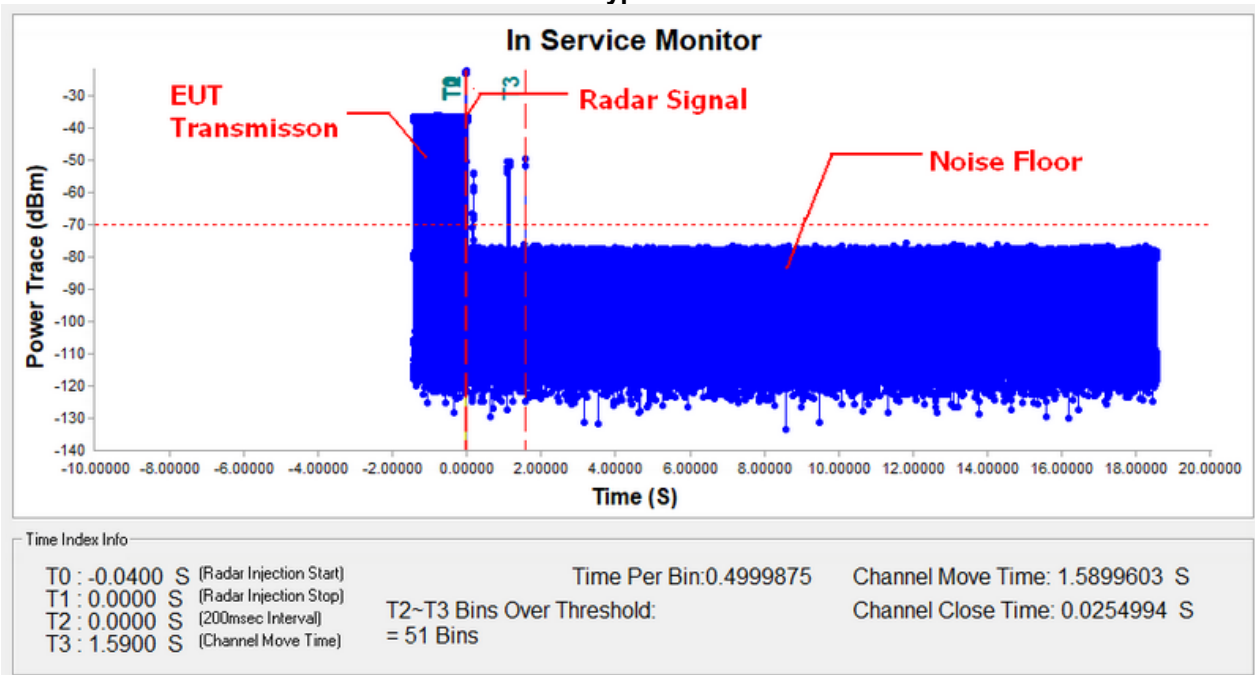
Short Pulse Radar Test Waveforms.

Radar signal	Pass times	Fail times	Probability	Limit
Type 1	17	3	85%	60%
Type 2	18	2	90%	60%
Type 3	15	5	75%	60%
Type 4	17	3	85%	60%
Type 5	17	3	85%	60%
Type 6	17	3	85%	60%
Type 7	16	4	80%	60%
Type 8	18	2	90%	60%

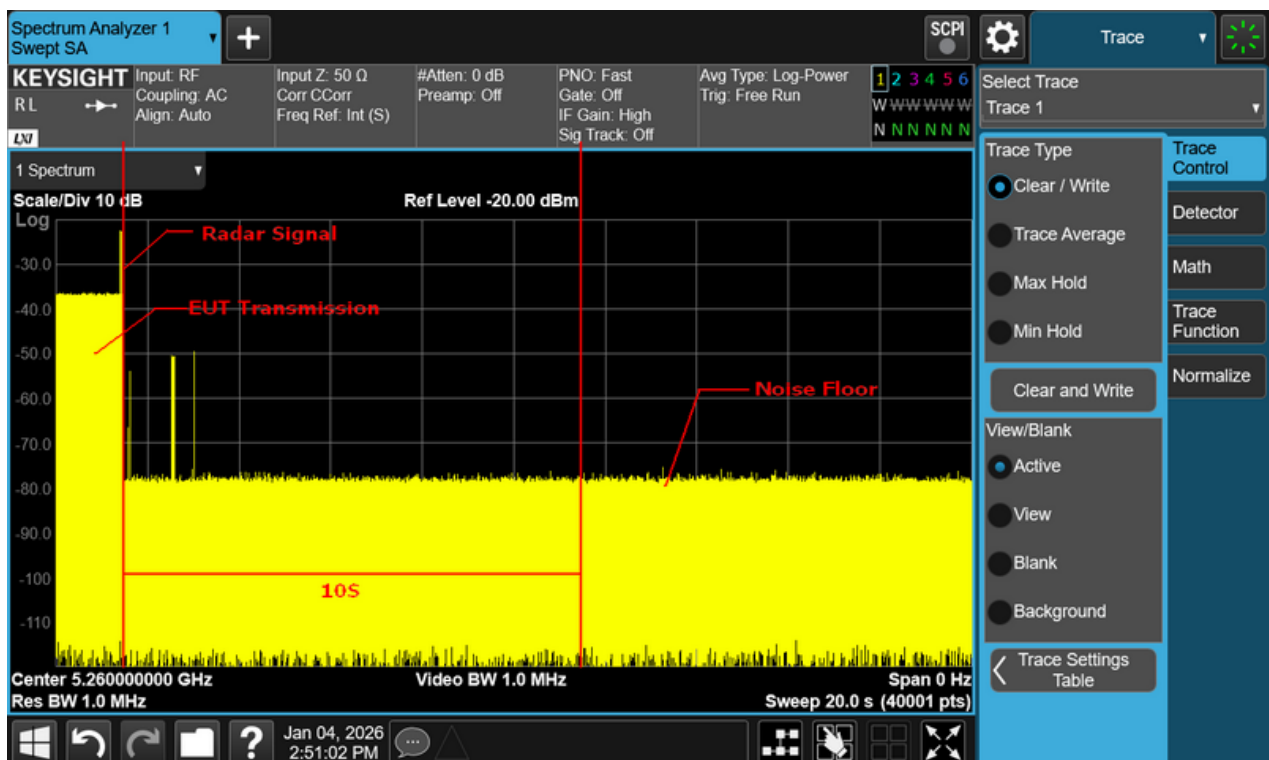
Radar Signal	Channel Closing Transmission Time (s)	Limit	Result
Type 1	0.0254994	$\leq 0.26s$	Pass
Type 2	0.0219995	$\leq 0.26s$	Pass
Type 3	0.0134997	$\leq 0.26s$	Pass
Type 4	0.0189995	$\leq 0.26s$	Pass
Type 5	0.0234994	$\leq 0.26s$	Pass
Type 6	0.0269993	$\leq 0.26s$	Pass
Type 7	0.0204995	$\leq 0.26s$	Pass
Type 8	0.0189995	$\leq 0.26s$	Pass

Radar Signal	Channel Move Time (s)	Limit	Result
Type 1	1.5899603	$\leq 10s$	Pass
Type 2	1.1819705	$\leq 10s$	Pass
Type 3	0.9179771	$\leq 10s$	Pass
Type 4	0.8299793	$\leq 10s$	Pass
Type 5	1.6749581	$\leq 10s$	Pass
Type 6	0.8939777	$\leq 10s$	Pass
Type 7	1.1709707	$\leq 10s$	Pass
Type 8	0.7309817	$\leq 10s$	Pass

Type 1

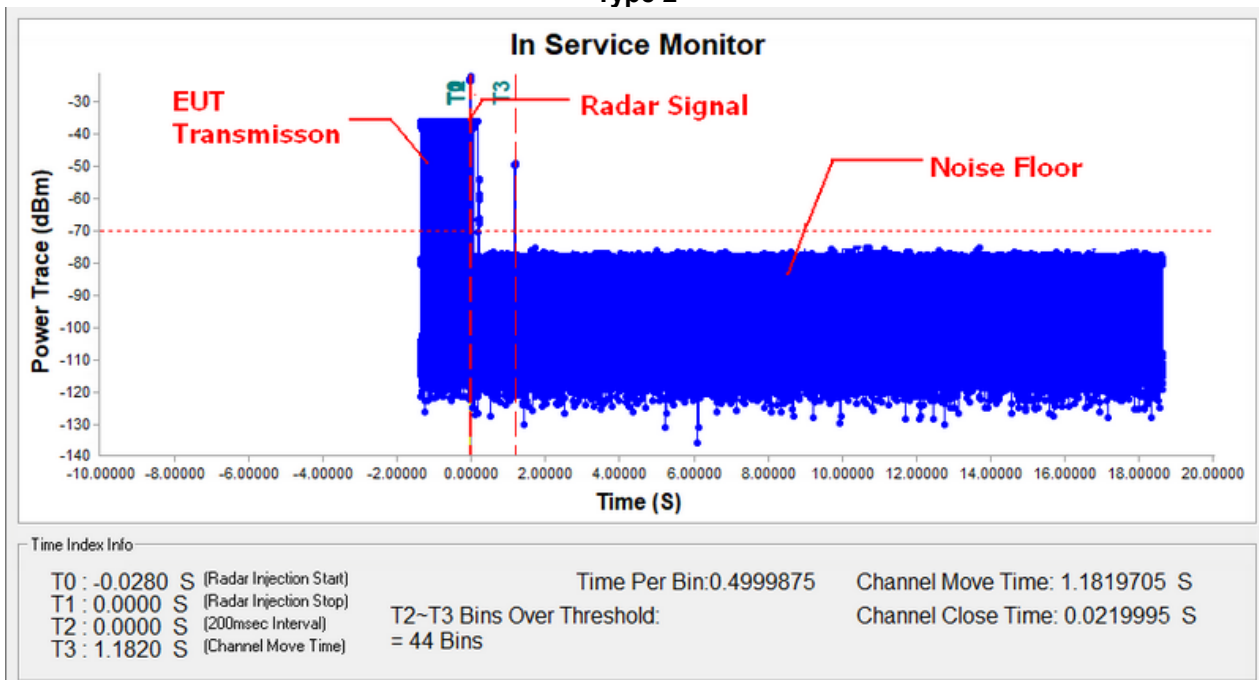


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

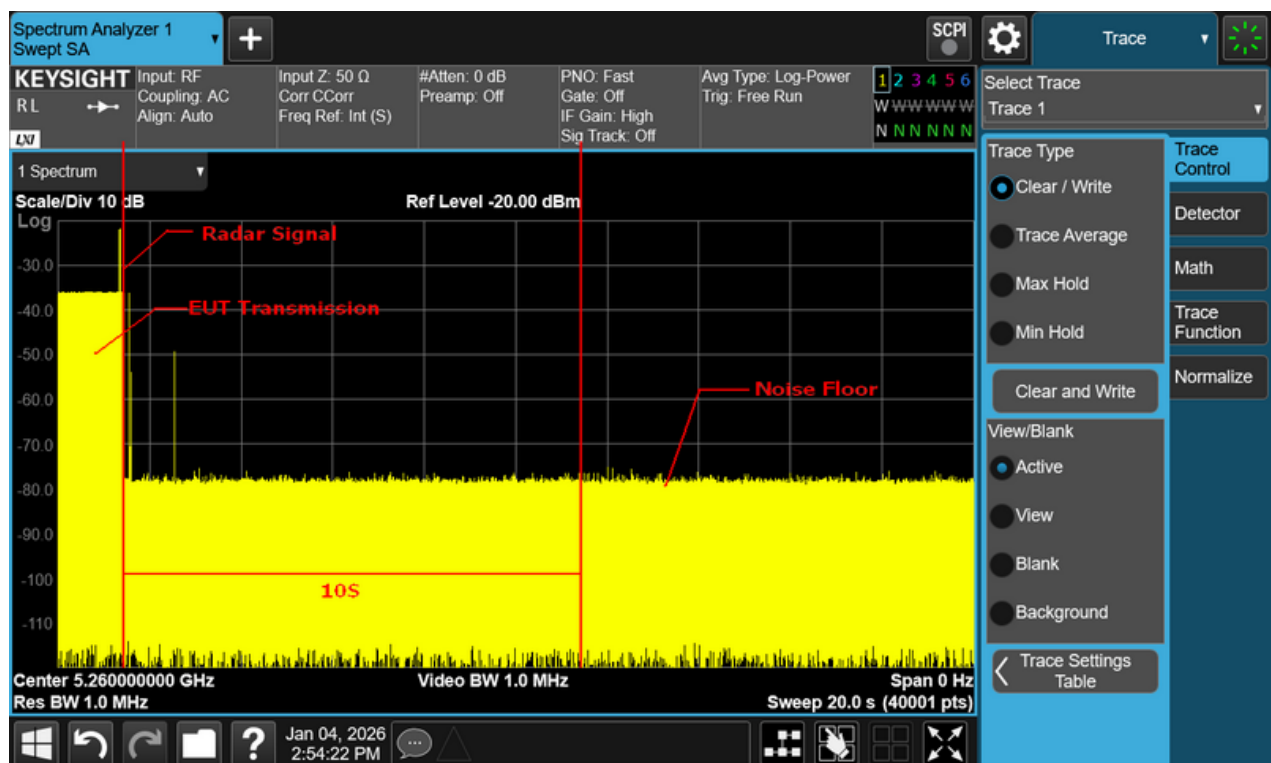


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 2

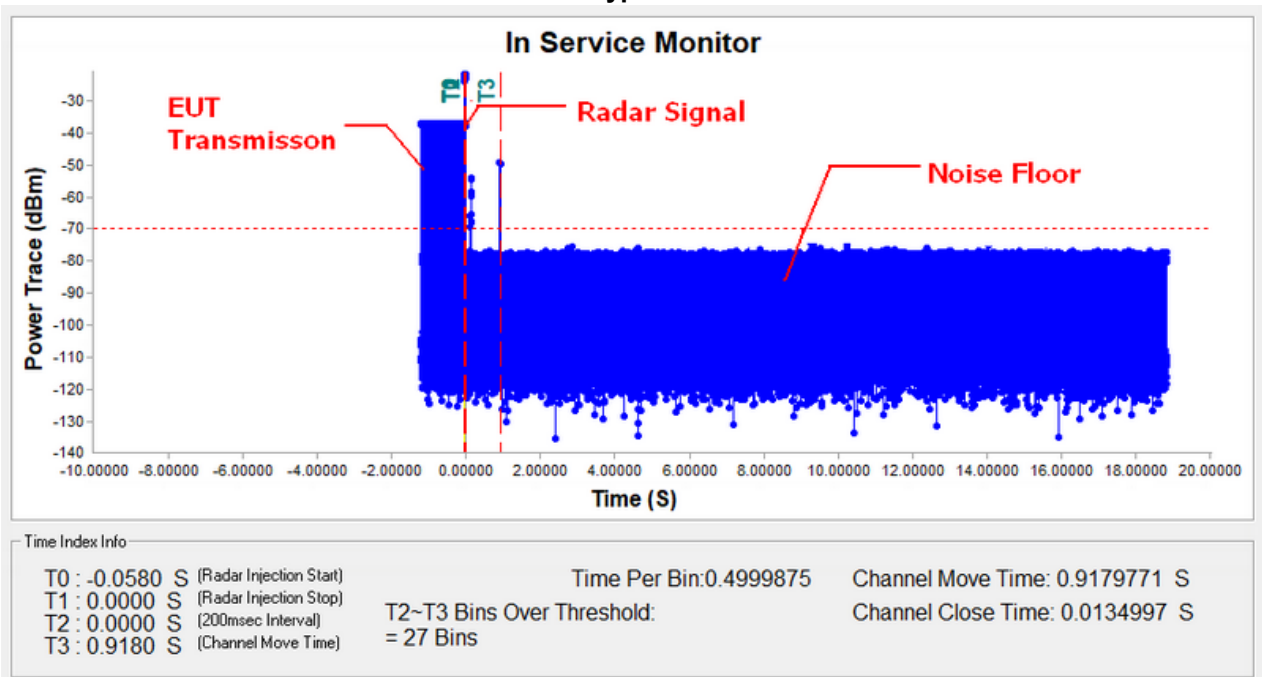


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

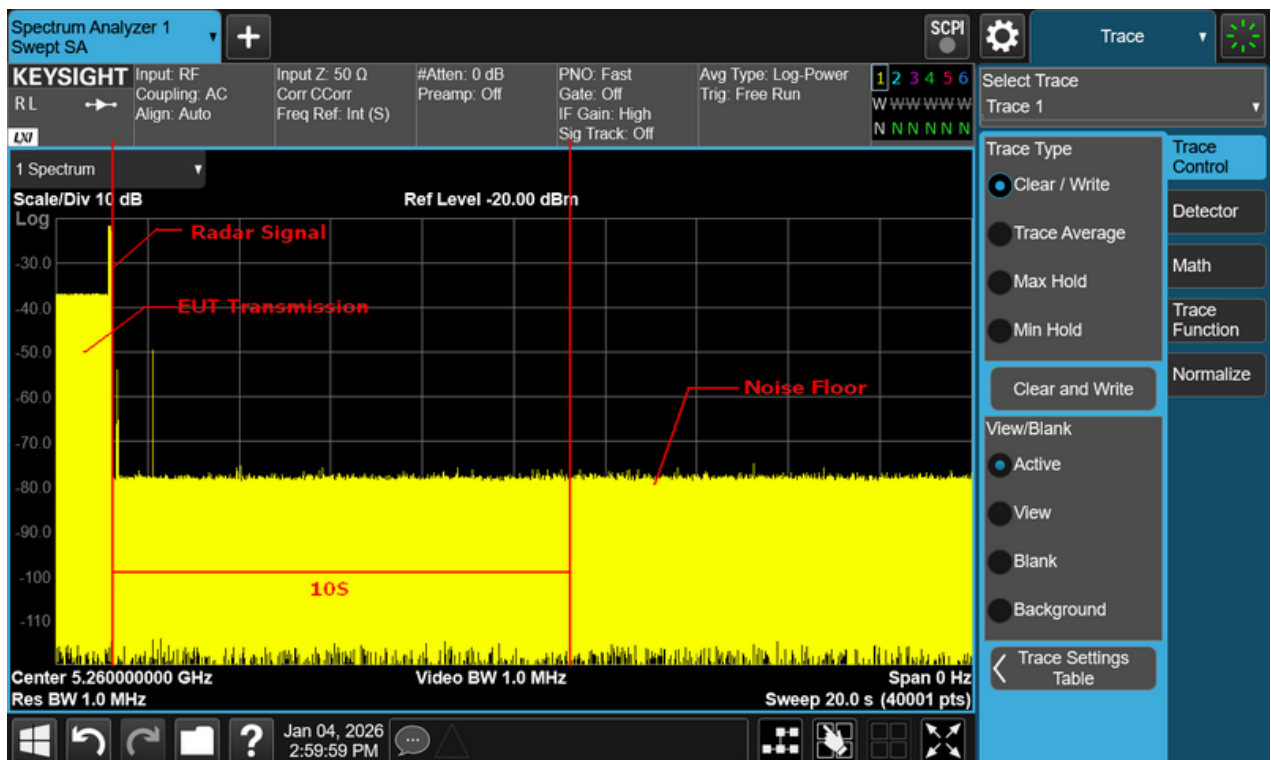


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 3

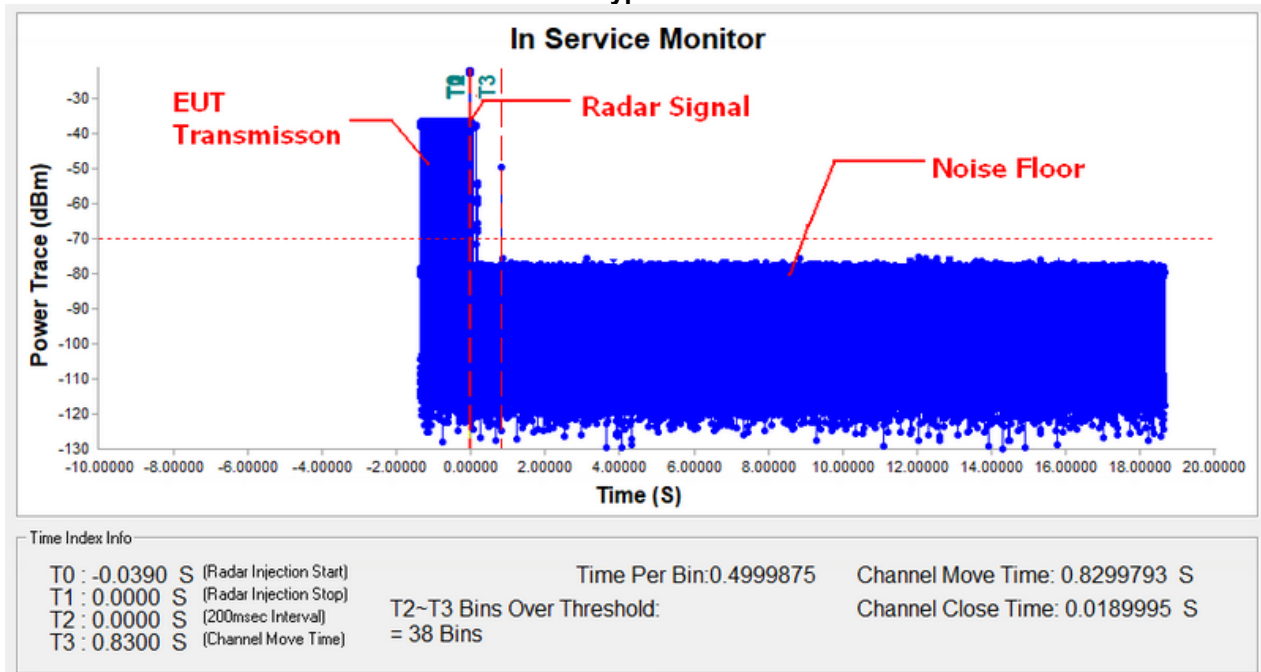


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

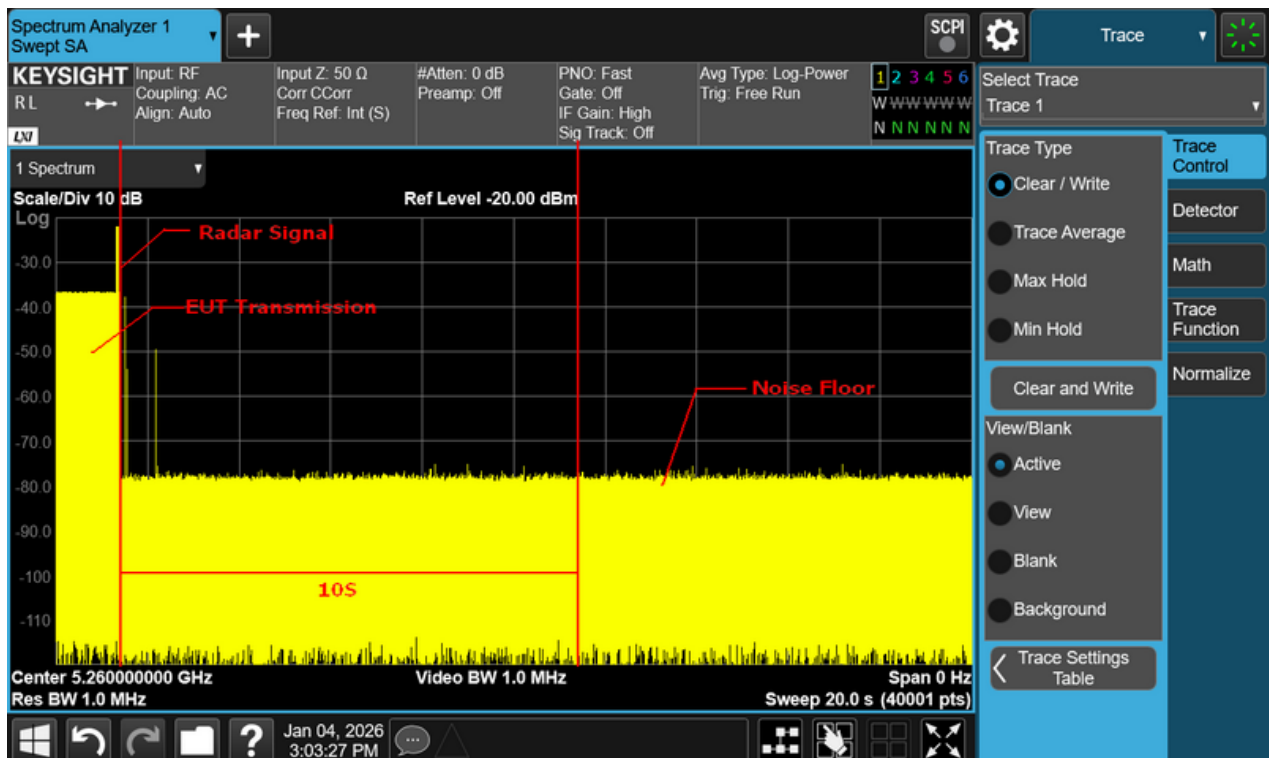


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 4



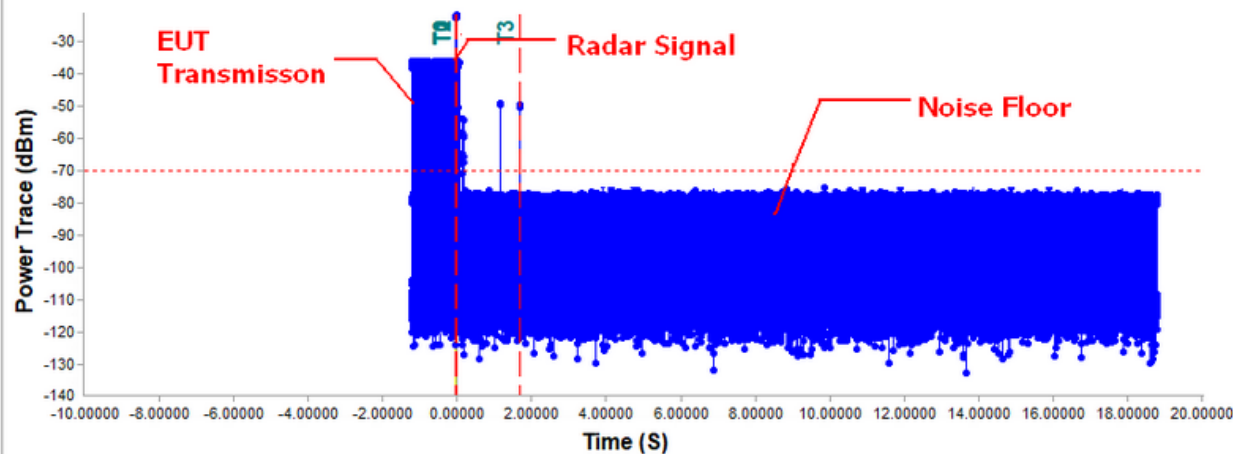
Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.



Note: An expanded plot for the device vacates the channel in the required 10s.

Type 5

In Service Monitor



Time Index Info

T0 : -0.0310 S (Radar Injection Start)
T1 : 0.0000 S (Radar Injection Stop)
T2 : 0.0000 S (200msec Interval)
T3 : 1.6750 S (Channel Move Time)

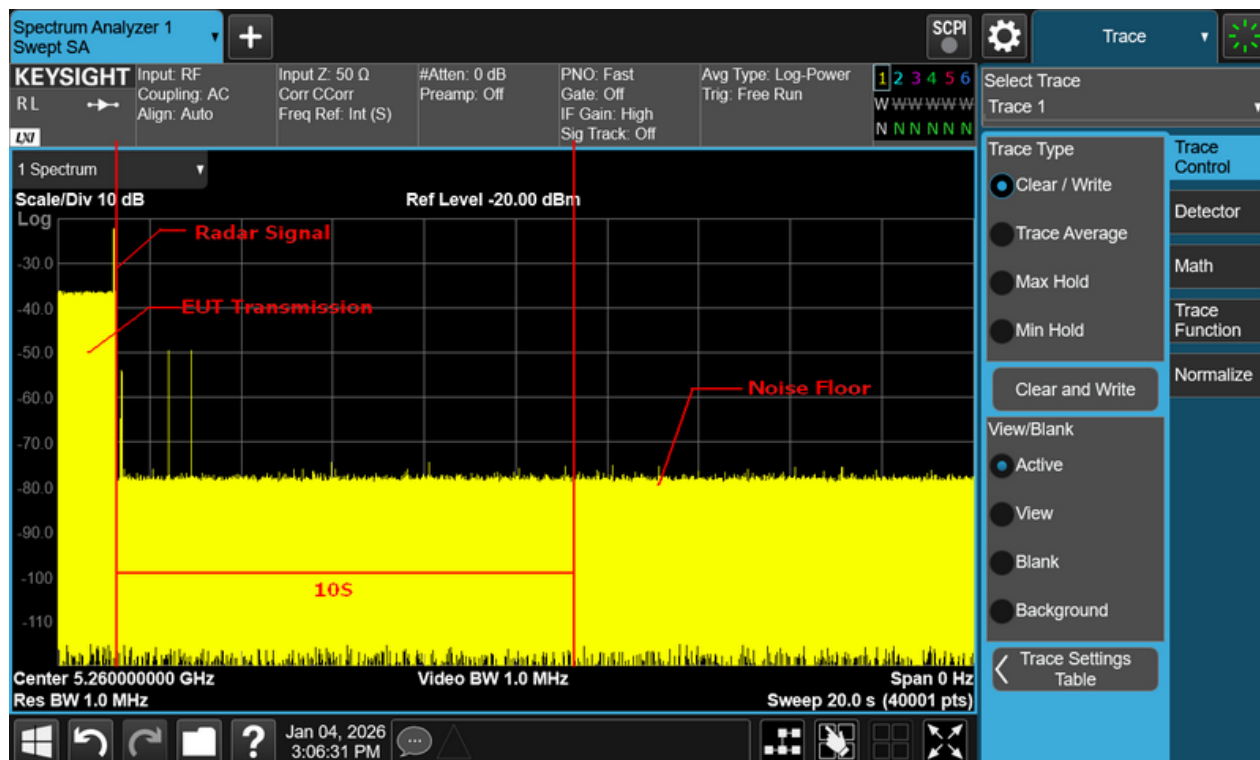
Time Per Bin: 0.4999875

Channel Move Time: 1.6749581 S

T2~T3 Bins Over Threshold:
= 47 Bins

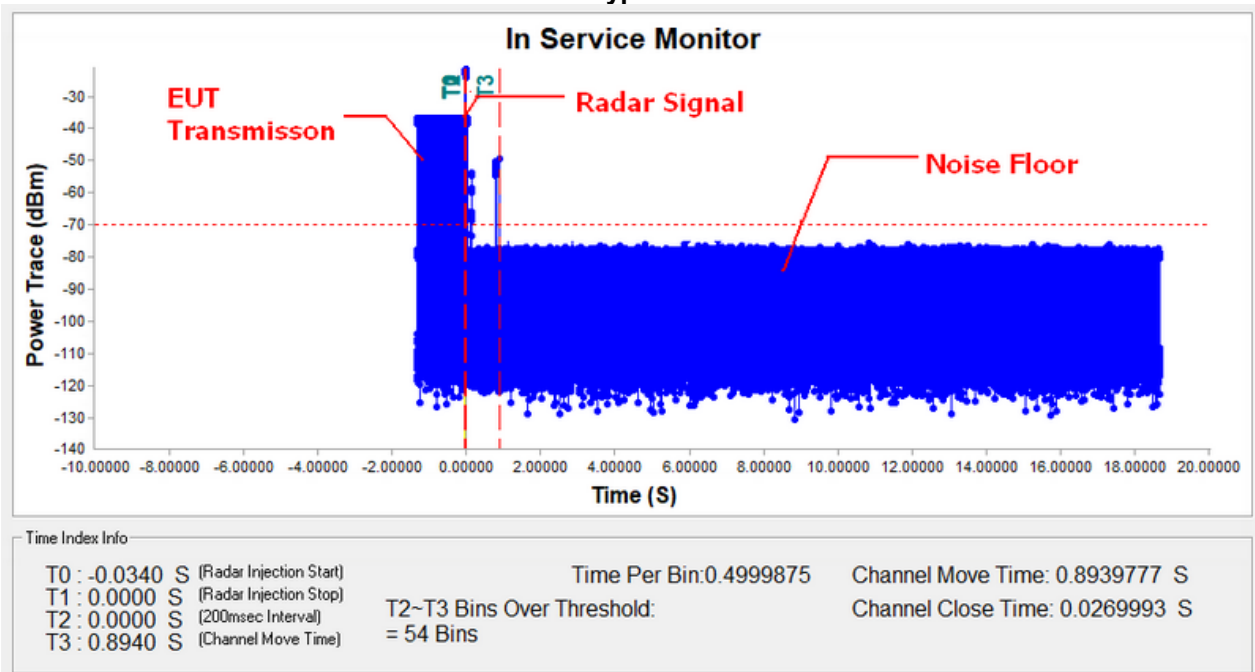
Channel Close Time: 0.0234994 S

Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

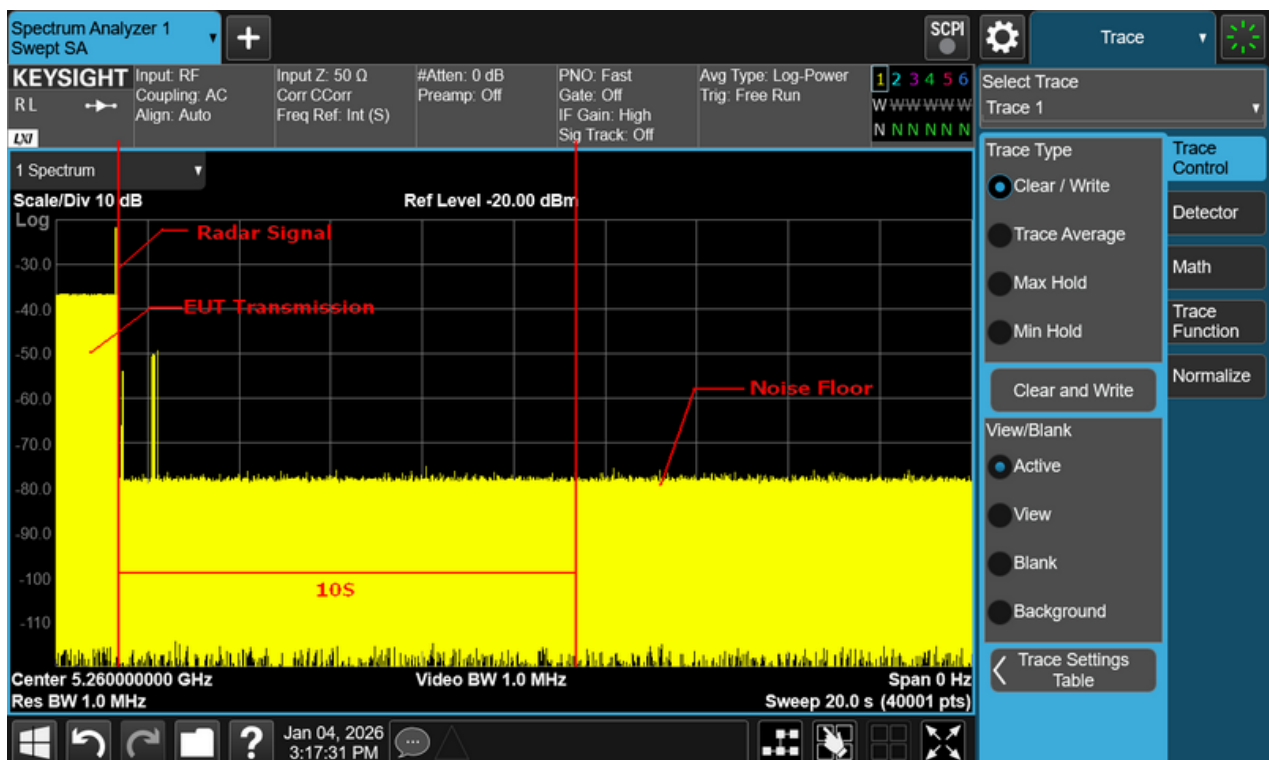


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 6

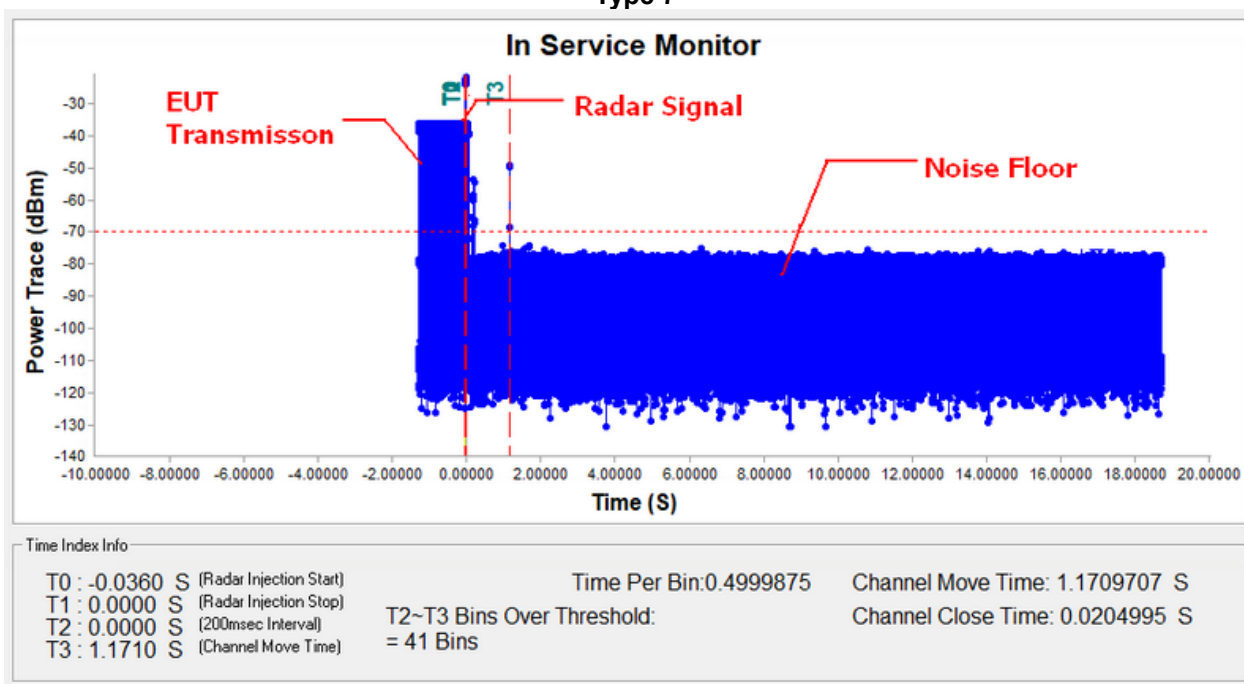


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

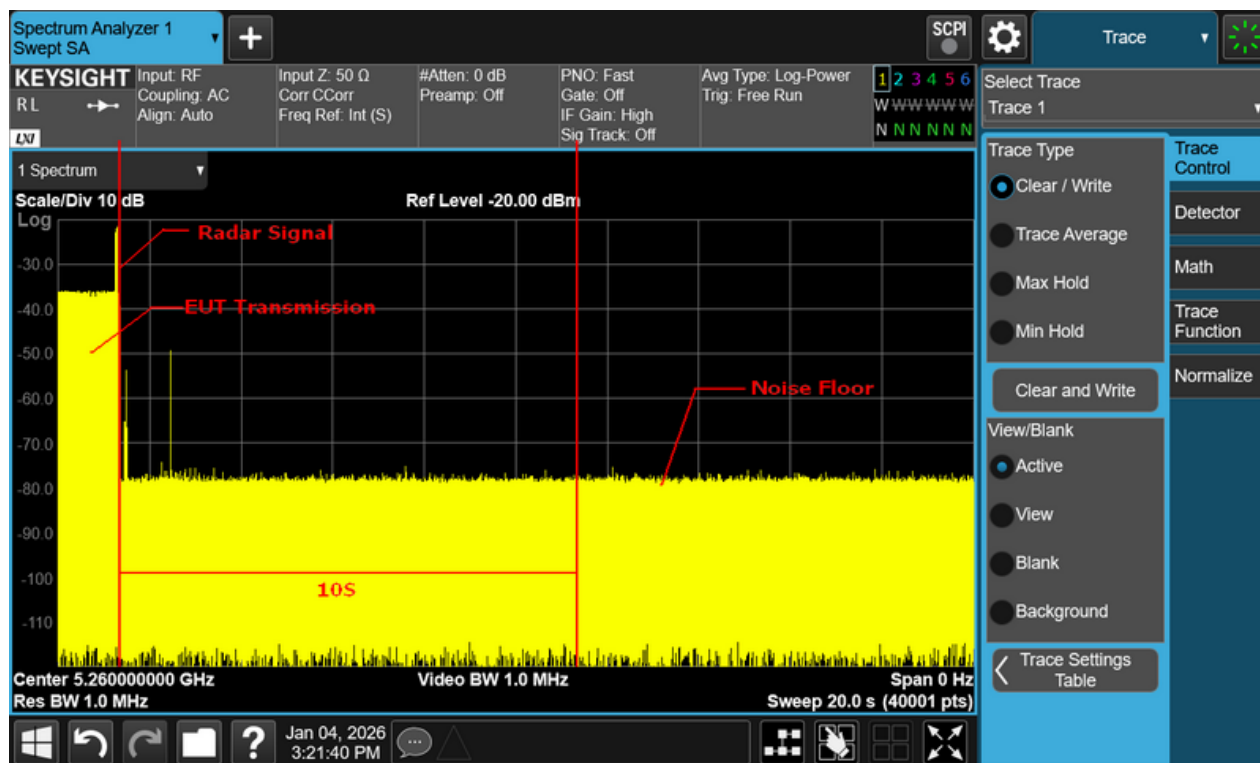


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 7

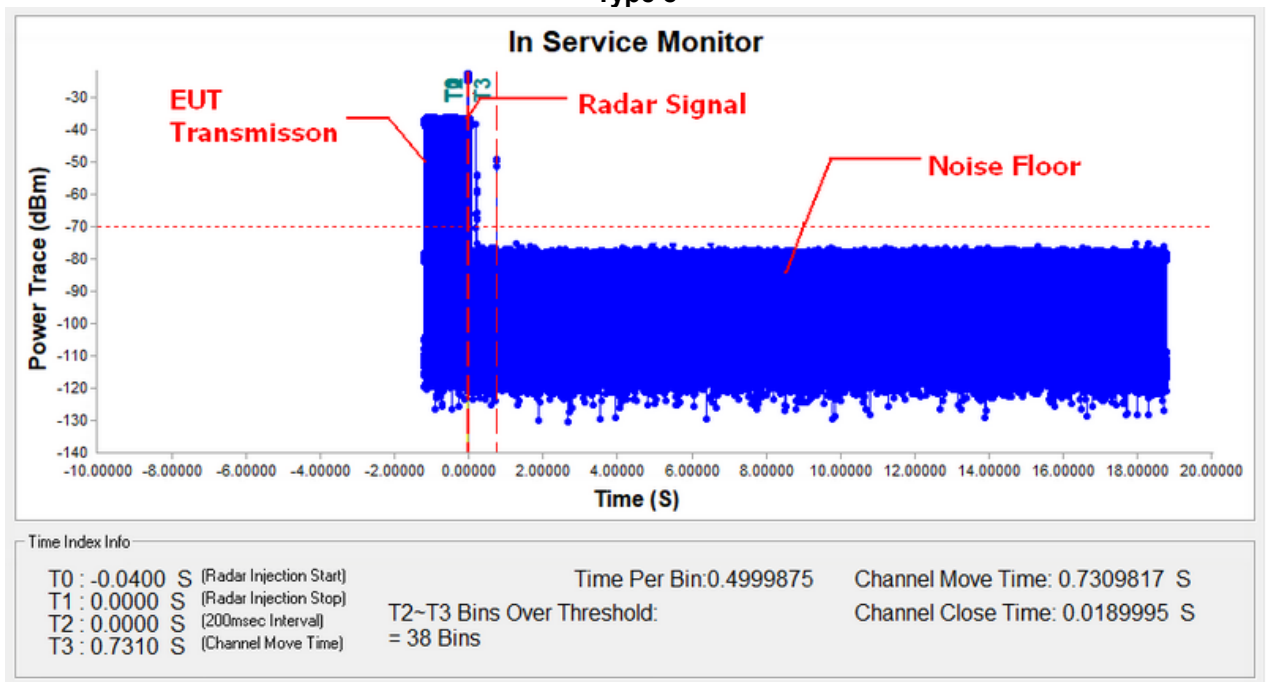


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

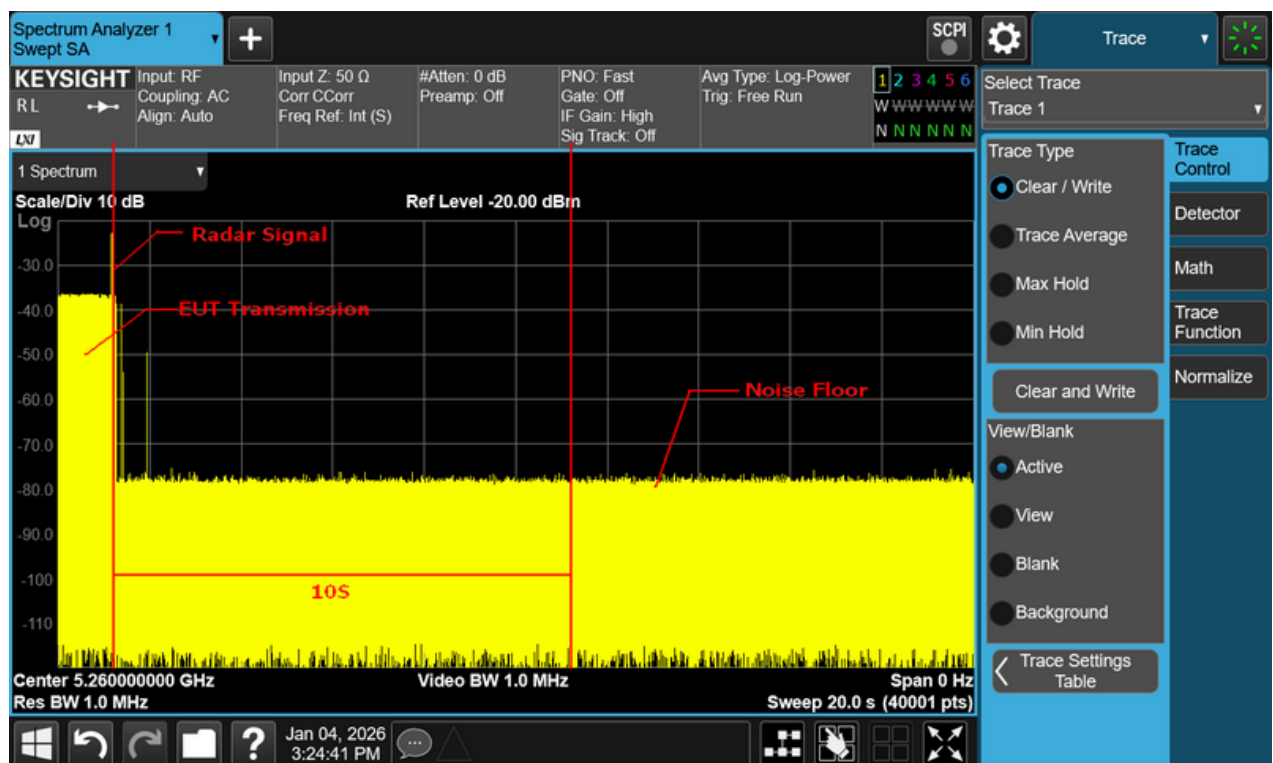


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 8



Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.



Note: An expanded plot for the device vacates the channel in the required 10s.

Type 1				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	3	645	27	YES
2	0.6	230	11	YES
3	1.7	421	18	YES
4	4.7	945	38	YES
5	3.7	774	32	NO
6	2.6	580	24	YES
7	2.9	635	26	YES
8	2.1	494	21	YES
9	2.9	627	26	YES
10	0.7	251	12	NO
11	3.7	772	32	YES
12	4.5	909	37	YES
13	3	641	27	YES
14	1.9	451	19	NO
15	4.4	896	36	YES
16	2.7	599	25	YES
17	5	989	40	YES
18	2.1	478	20	YES
19	2.6	578	24	YES
20	1.9	454	19	YES
				Detection Rate 85%

Type 2				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	8.6	978	29	YES
2	1	253	15	YES
3	4.5	586	22	YES
4	14	1503	39	YES
5	10.9	1204	33	YES
6	7.4	864	27	YES
7	8.4	961	29	YES
8	5.8	714	24	NO
9	8.2	948	28	YES
10	1.4	290	16	YES
11	10.9	1200	33	YES
12	13.4	1440	38	YES
13	8.5	972	29	NO
14	5	640	23	YES
15	13.1	1417	37	YES
16	7.7	899	27	YES
17	14.8	1581	40	YES
18	5.5	687	24	YES
19	7.3	861	27	YES
20	5.1	645	23	YES
				Detection Rate 90%

Type 3				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	3	645	38	YES
2	0.6	230	32	YES
3	1.7	421	31	YES
4	4.7	945	32	NO
5	3.7	774	38	YES
6	2.6	580	23	YES
7	2.9	635	35	NO
8	2.1	494	28	YES
9	2.9	627	35	YES
10	0.7	251	22	YES
11	3.7	772	38	YES
12	4.5	909	29	NO
13	3	641	38	YES
14	1.9	451	32	YES
15	4.4	896	29	NO
16	2.7	599	23	YES
17	5	989	30	NO
18	2.1	478	32	YES
19	2.6	578	23	YES
20	1.9	454	32	YES
				Detection Rate 75%

Type 4				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	8.6	978	39	YES
2	1	253	32	YES
3	4.5	586	31	YES
4	14	1503	35	YES
5	10.9	1204	39	YES
6	7.4	864	24	NO
7	8.4	961	36	YES
8	5.8	714	28	YES
9	8.2	948	36	NO
10	1.4	290	22	YES
11	10.9	1200	39	YES
12	13.4	1440	33	YES
13	8.5	972	39	YES
14	5	640	32	YES
15	13.1	1417	33	NO
16	7.7	899	25	YES
17	14.8	1581	33	YES
18	5.5	687	32	YES
19	7.3	861	24	YES
20	5.1	645	32	YES
				Detection Rate 85%

Type 5				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	1.1	1116	36	YES
2	0.5	1114	30	YES
3	0.8	1115	33	YES
4	1.5	1118	40	YES
5	1.3	1117	37	YES
6	1	1116	35	NO
7	1.1	1116	35	YES
8	0.9	1115	34	YES
9	1.1	1116	35	YES
10	0.5	1114	30	NO
11	1.3	1117	37	YES
12	1.5	1118	39	YES
13	1.1	1116	36	YES
14	0.8	1115	33	NO
15	1.5	1118	39	YES
16	1	1116	35	YES
17	1.5	1118	40	YES
18	0.9	1115	33	YES
19	1	1116	35	YES
20	0.8	1115	33	YES
				Detection Rate 85%

Type 6				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	1.1	930	33	YES
2	0.5	928	25	YES
3	0.8	929	29	YES
4	1.5	932	39	YES
5	1.3	931	36	YES
6	1	930	32	YES
7	1.1	930	33	YES
8	0.9	929	30	NO
9	1.1	930	33	YES
10	0.5	928	26	YES
11	1.3	931	36	NO
12	1.5	932	39	YES
13	1.1	930	33	YES
14	0.8	929	30	YES
15	1.5	932	38	NO
16	1	930	32	YES
17	1.5	932	40	YES
18	0.9	929	30	YES
19	1	930	32	YES
20	0.8	929	30	YES
				Detection Rate 85%

Type 7				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	1.1	888	33	YES
2	0.5	886	25	YES
3	0.8	887	29	YES
4	1.5	890	39	YES
5	1.3	889	36	YES
6	1	888	32	YES
7	1.1	888	33	YES
8	0.9	887	30	NO
9	1.1	888	33	YES
10	0.5	886	26	YES
11	1.3	889	36	NO
12	1.5	890	39	YES
13	1.1	888	33	YES
14	0.8	887	30	YES
15	1.5	890	38	NO
16	1	888	32	YES
17	1.5	890	40	YES
18	0.9	887	30	NO
19	1	888	32	YES
20	0.8	887	30	YES
				Detection Rate 80%

Type 8				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	1.1	740	31	YES
2	0.5	738	20	YES
3	0.8	739	25	YES
4	1.5	742	39	YES
5	1.3	741	35	YES
6	1	740	29	YES
7	1.1	740	31	YES
8	0.9	739	27	YES
9	1.1	740	31	NO
10	0.5	738	21	YES
11	1.3	741	34	YES
12	1.5	742	38	NO
13	1.1	740	31	YES
14	0.8	739	26	YES
15	1.5	742	38	YES
16	1	740	30	YES
17	1.5	742	40	YES
18	0.9	739	27	YES
19	1	740	29	YES
20	0.8	739	26	YES
				Detection Rate 90%

IEEE 802.11ac(VHT40) - 5270MHz

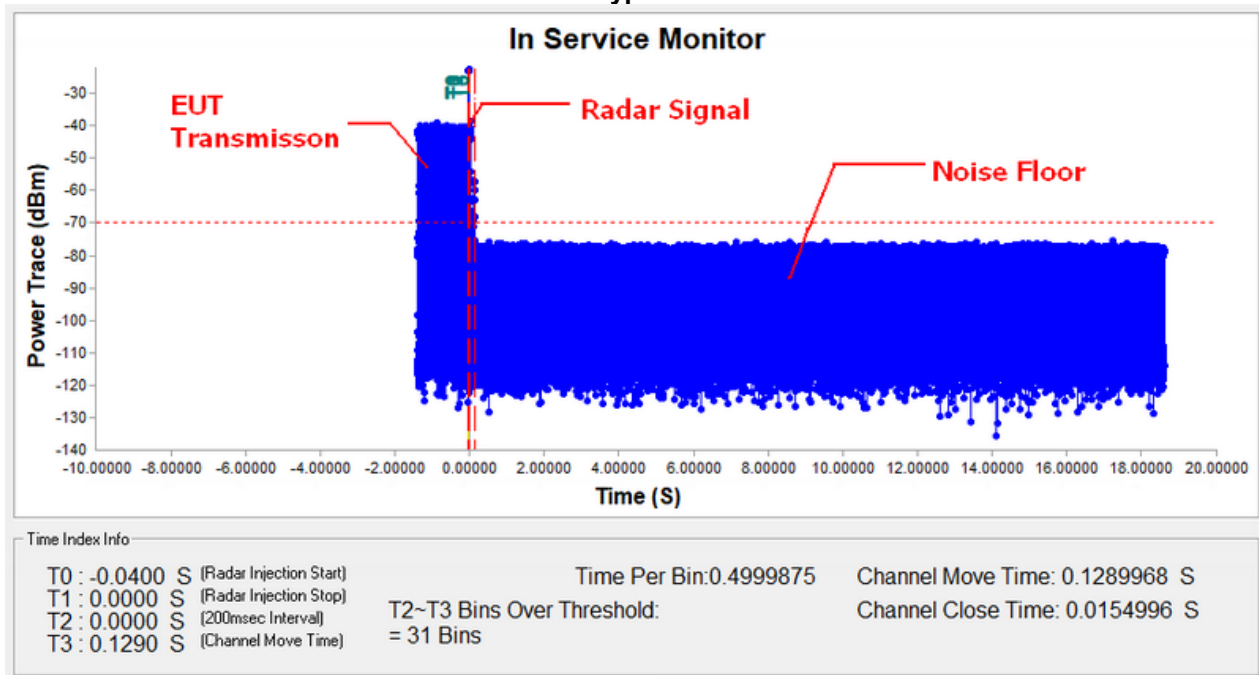
Short Pulse Radar Test Waveforms

Radar signal	Pass times	Fail times	Probability	Limit
Type 1	16	4	80%	60%
Type 2	18	2	90%	60%
Type 3	16	4	80%	60%
Type 4	17	3	85%	60%
Type 5	17	3	85%	60%
Type 6	15	5	75%	60%
Type 7	18	2	90%	60%
Type 8	17	3	85%	60%

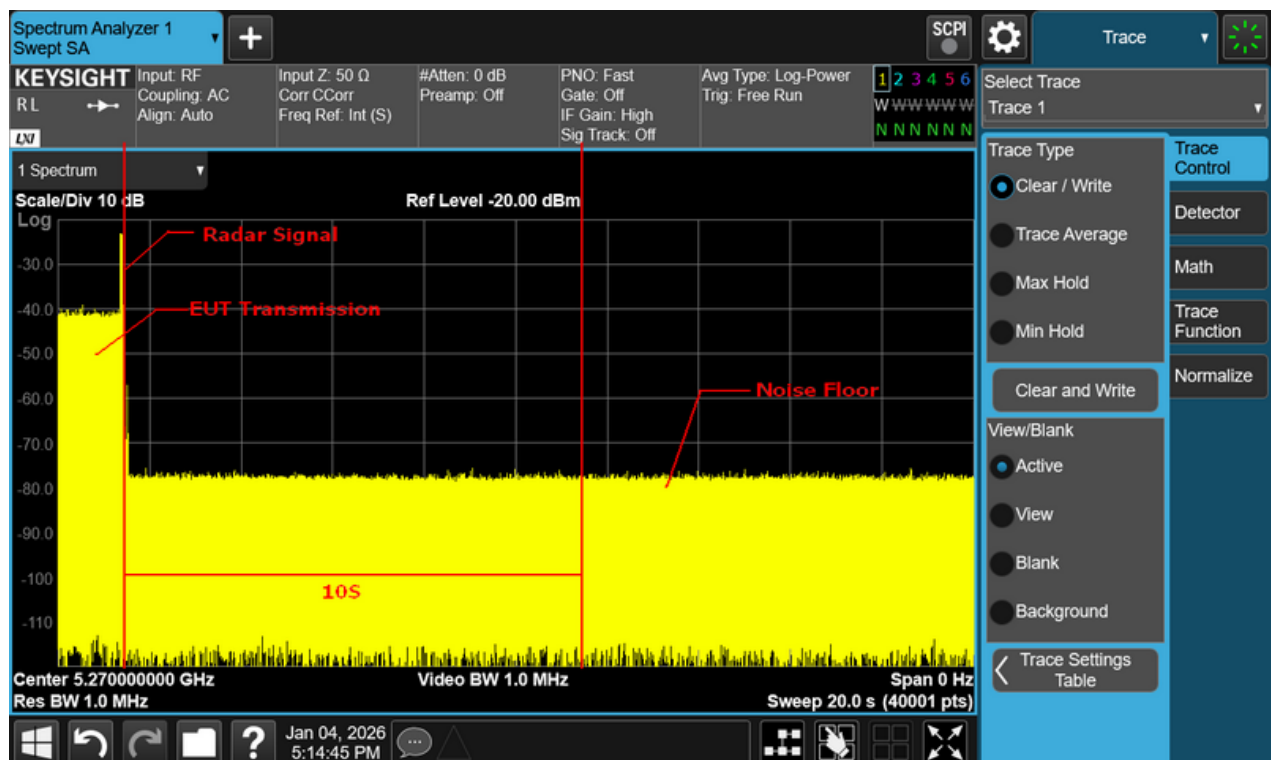
Radar Signal	Channel Closing Transmission Time (s)	Limit	Result
Type 1	0.0154996	$\leq 0.26s$	Pass
Type 2	0.0204995	$\leq 0.26s$	Pass
Type 3	0.0119997	$\leq 0.26s$	Pass
Type 4	0.0184995	$\leq 0.26s$	Pass
Type 5	0.0199995	$\leq 0.26s$	Pass
Type 6	0.0199995	$\leq 0.26s$	Pass
Type 7	0.0189995	$\leq 0.26s$	Pass
Type 8	0.0174996	$\leq 0.26s$	Pass

Radar Signal	Channel Move Time (s)	Limit	Result
Type 1	0.1289968	$\leq 10s$	Pass
Type 2	0.2899928	$\leq 10s$	Pass
Type 3	0.119997	$\leq 10s$	Pass
Type 4	0.1319967	$\leq 10s$	Pass
Type 5	0.2059949	$\leq 10s$	Pass
Type 6	0.1829954	$\leq 10s$	Pass
Type 7	0.2189945	$\leq 10s$	Pass
Type 8	0.1499963	$\leq 10s$	Pass

Type 1

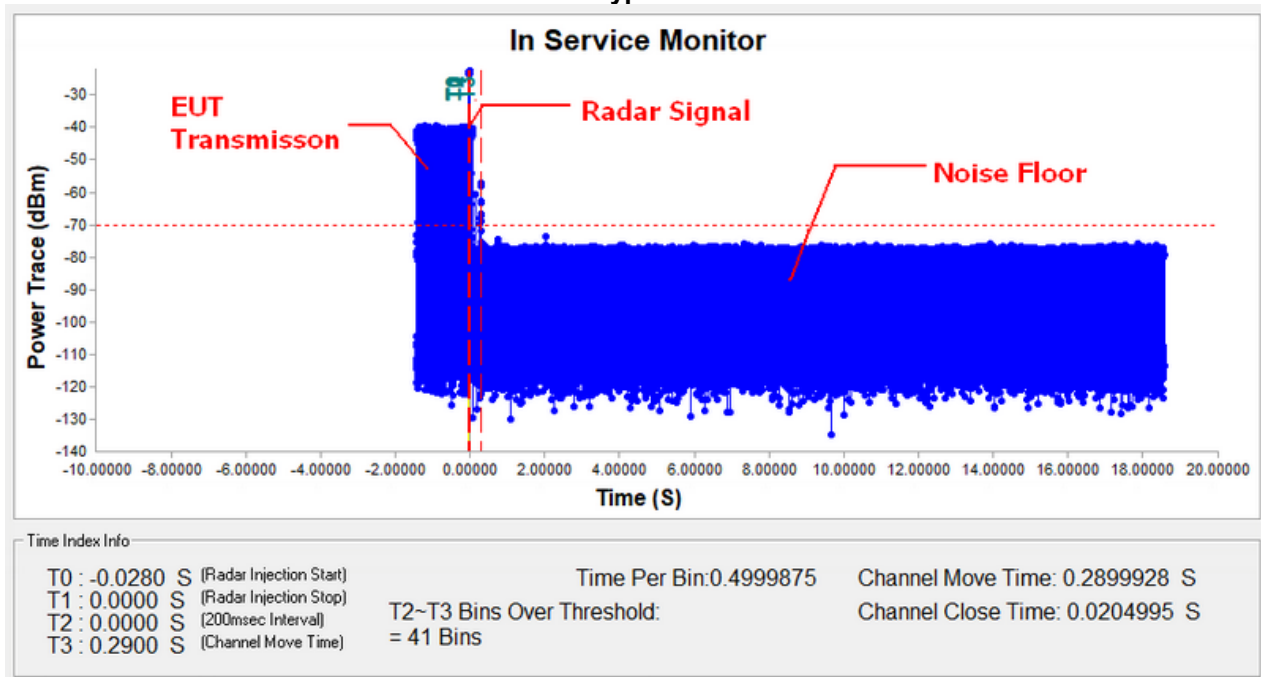


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

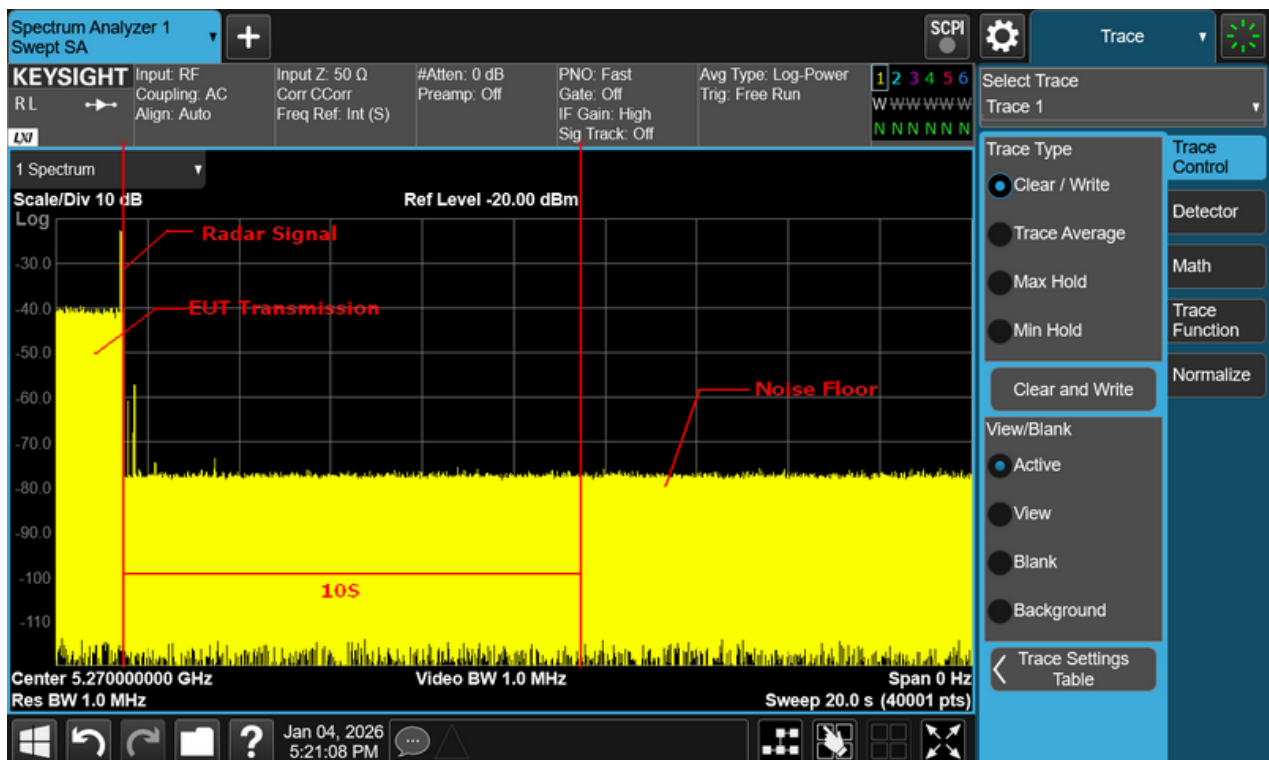


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 2

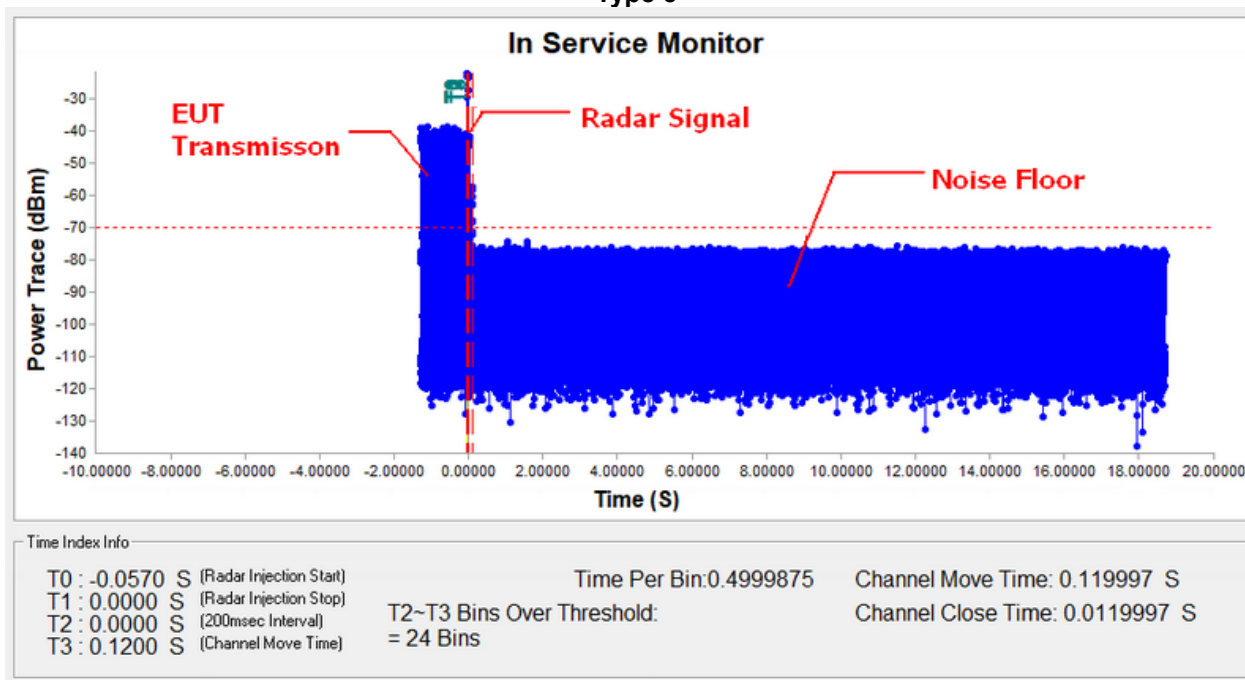


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

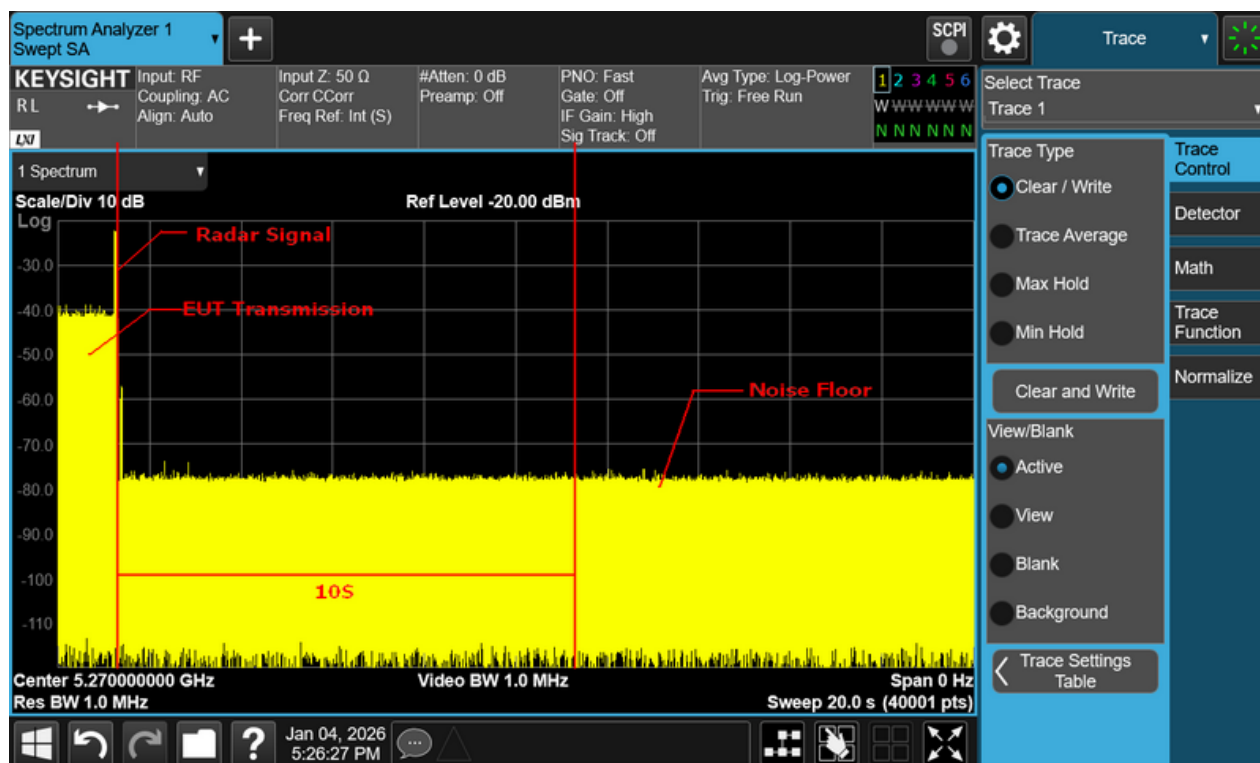


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 3

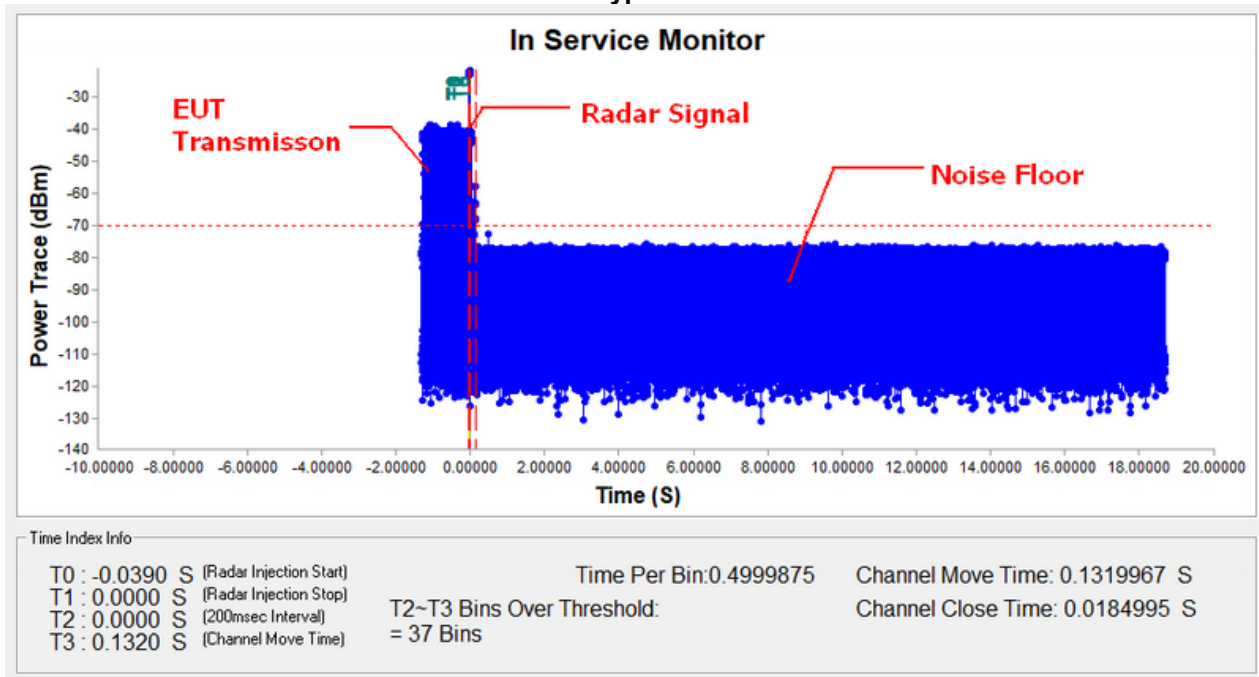


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

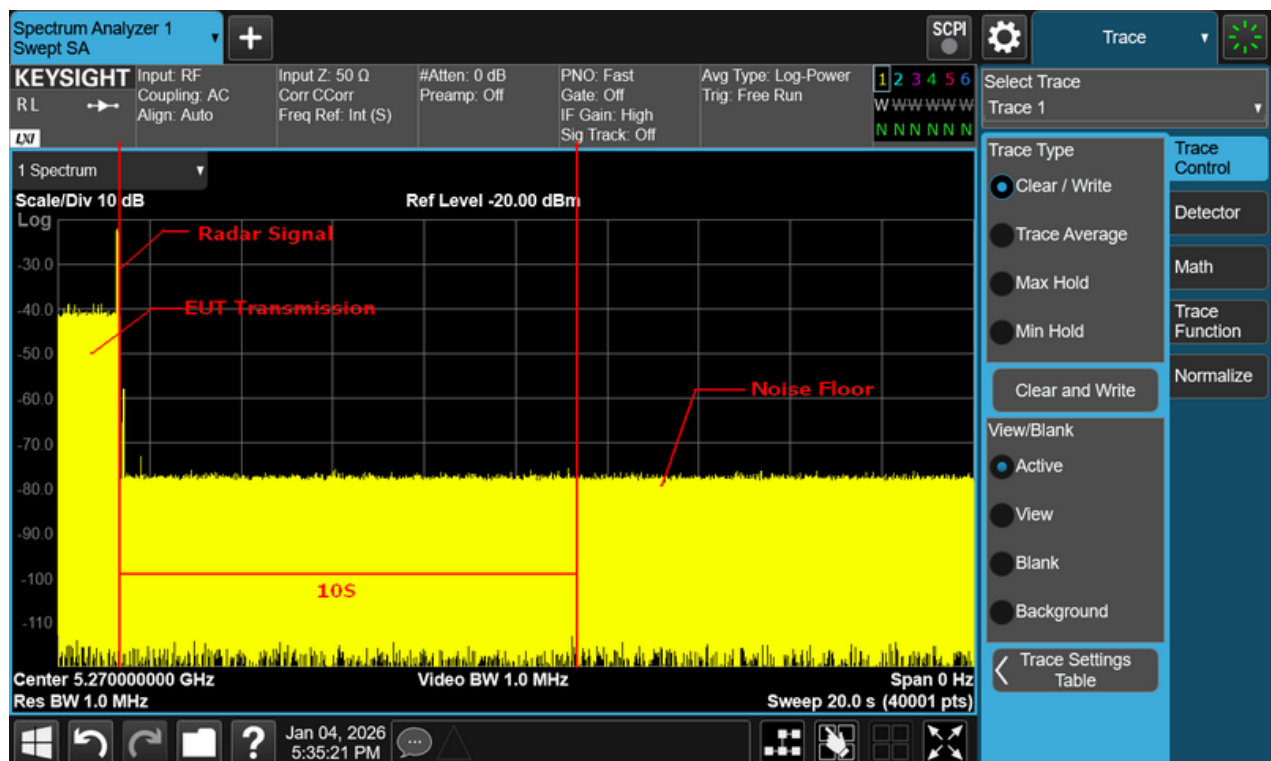


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 4

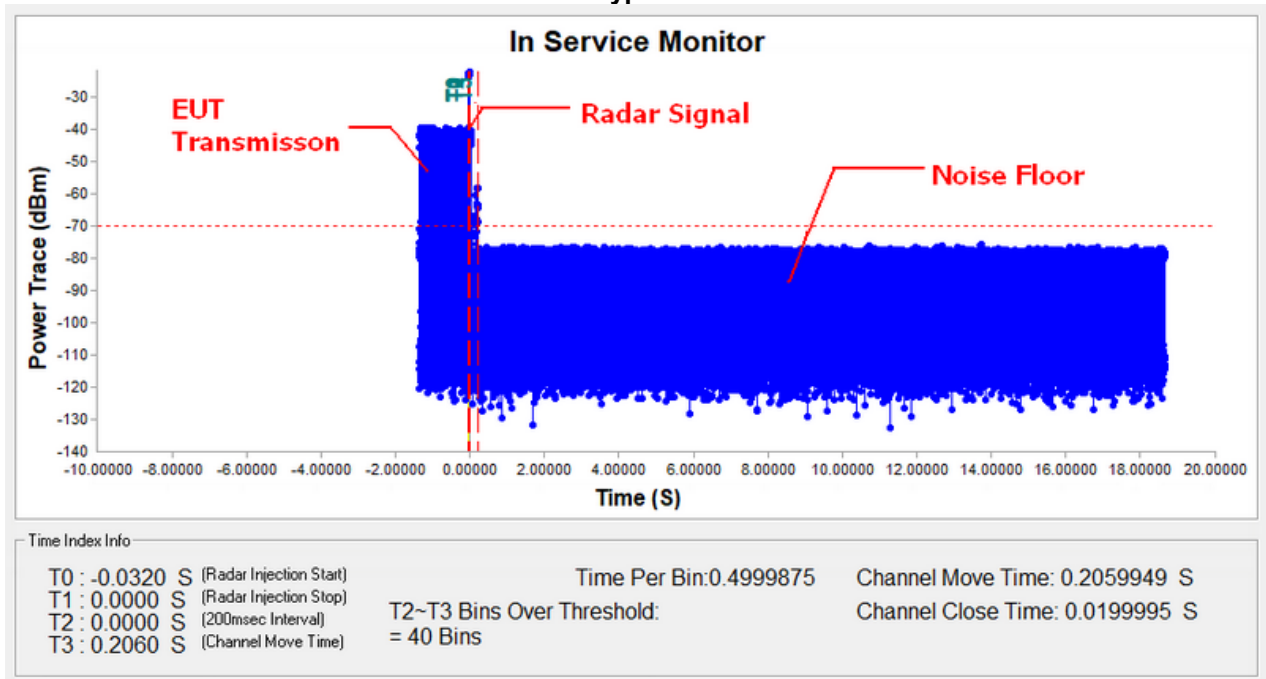


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

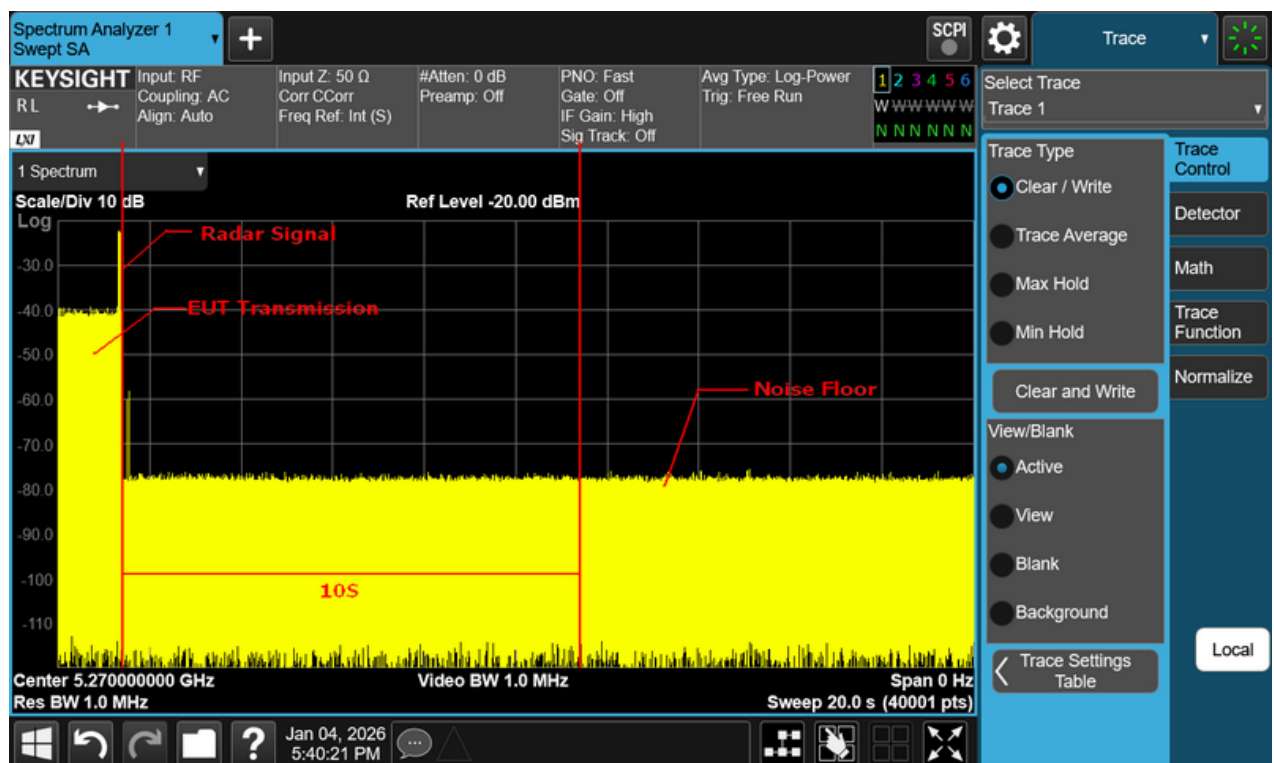


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 5

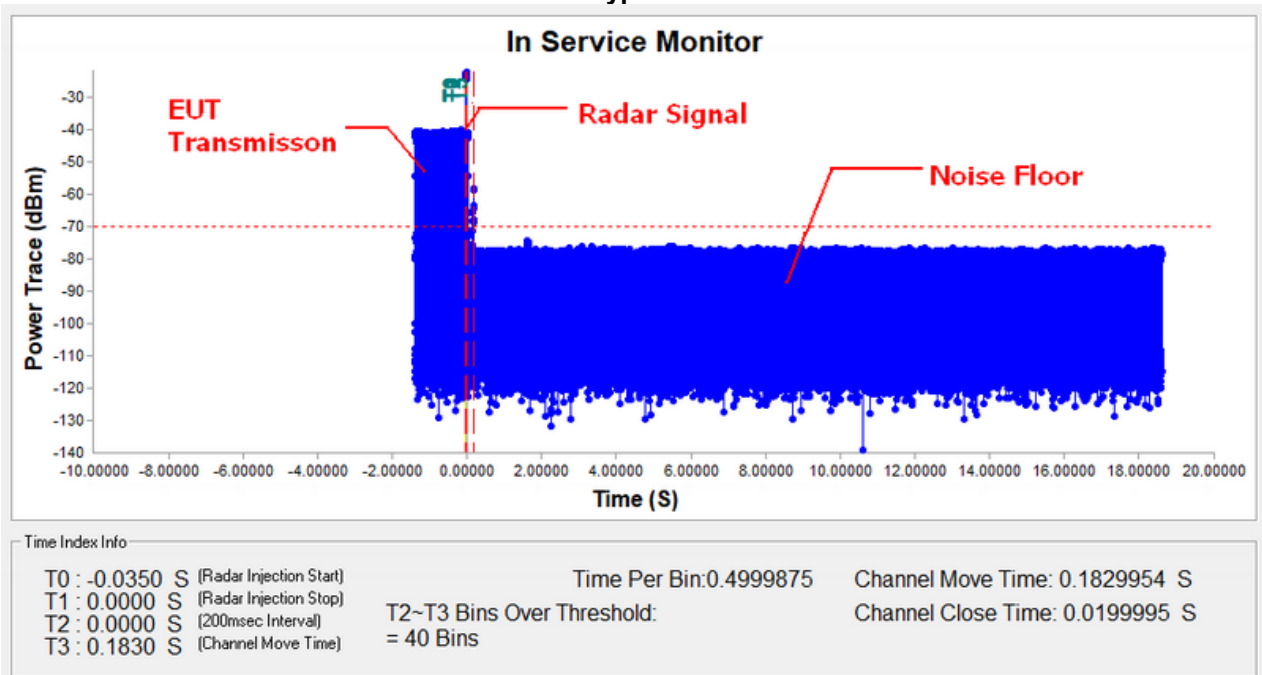


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

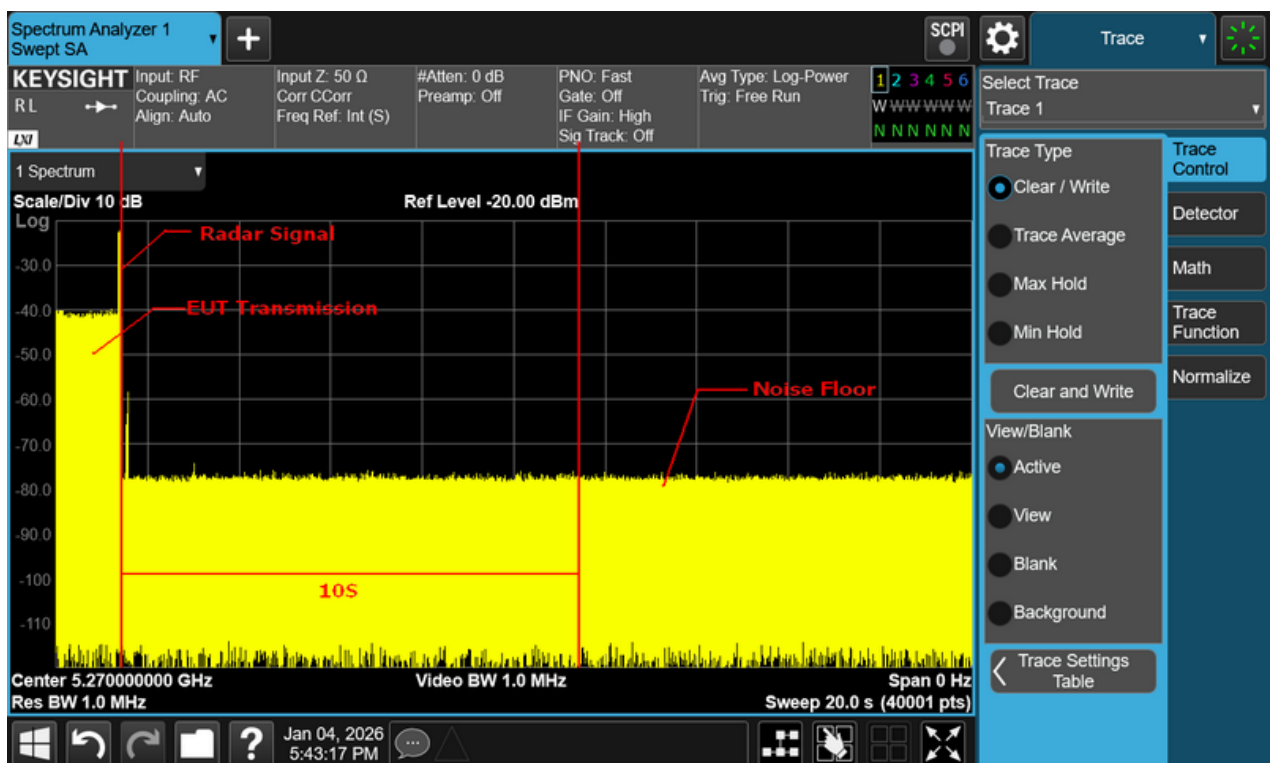


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 6



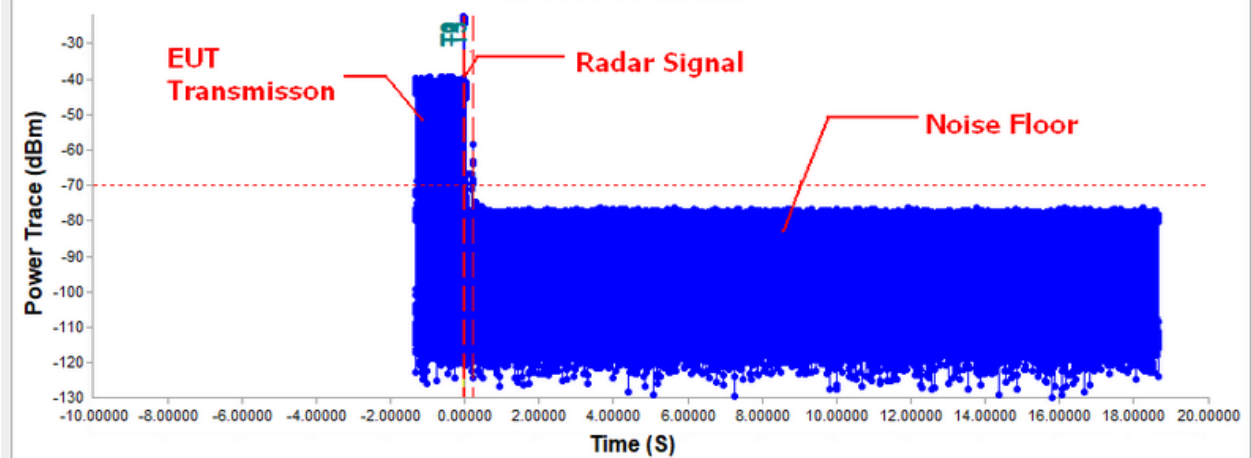
Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.



Note: An expanded plot for the device vacates the channel in the required 10s.

Type 7

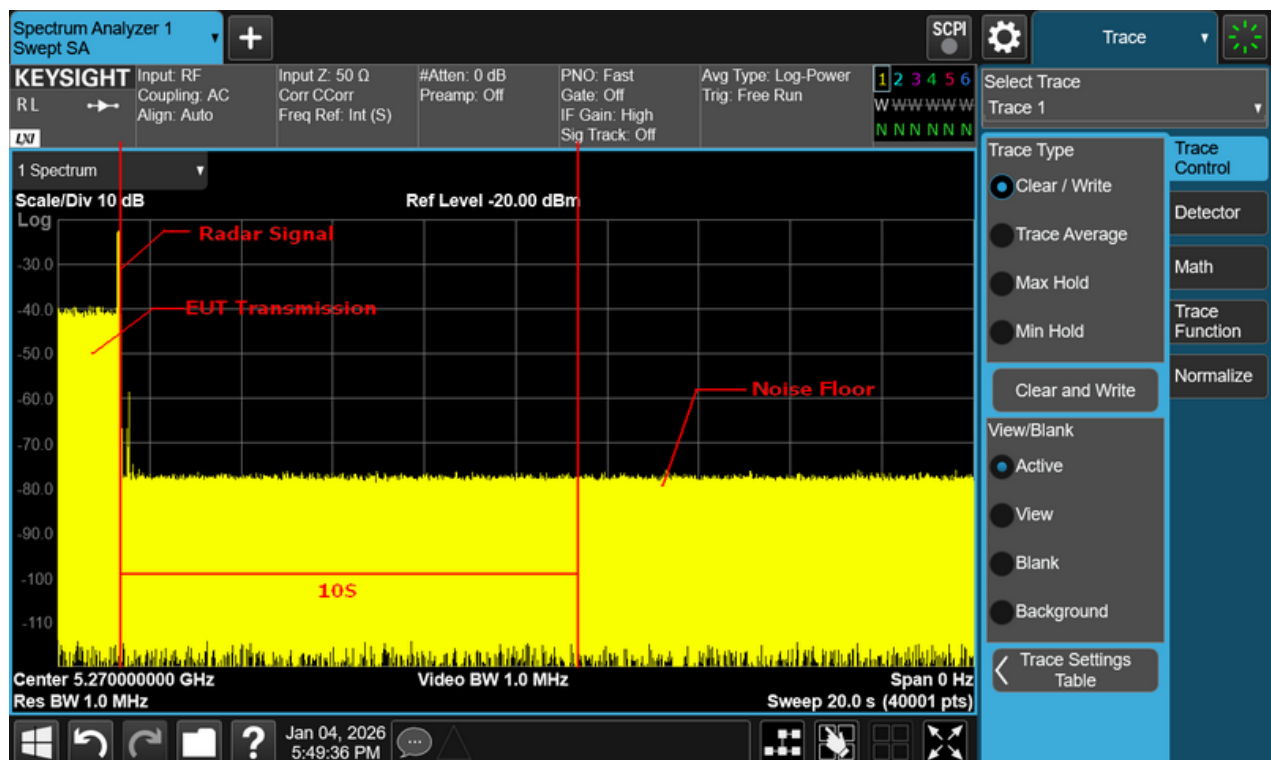
In Service Monitor



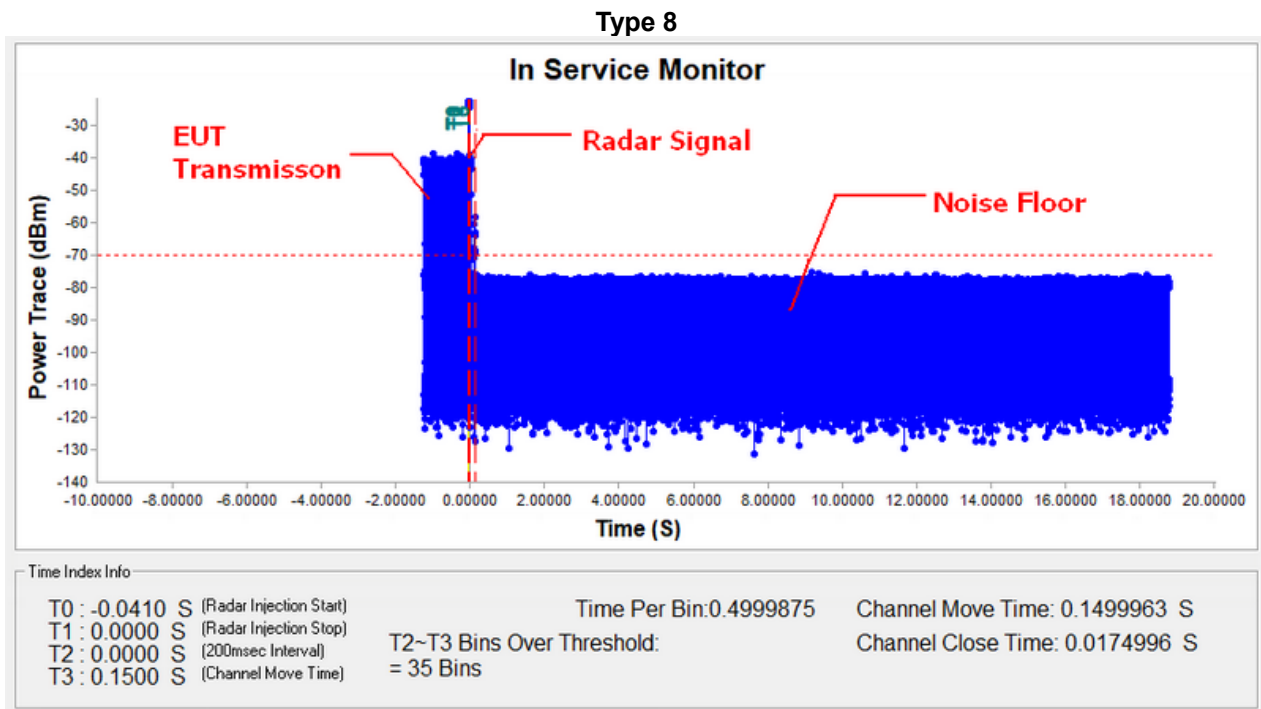
Time Index Info

T0 : -0.0360 S (Radar Injection Start)	Time Per Bin: 0.4999875	Channel Move Time: 0.2189945 S
T1 : 0.0000 S (Radar Injection Stop)		
T2 : 0.0000 S (200msec Interval)	T2~T3 Bins Over Threshold:	Channel Close Time: 0.0189995 S
T3 : 0.2190 S (Channel Move Time)	= 38 Bins	

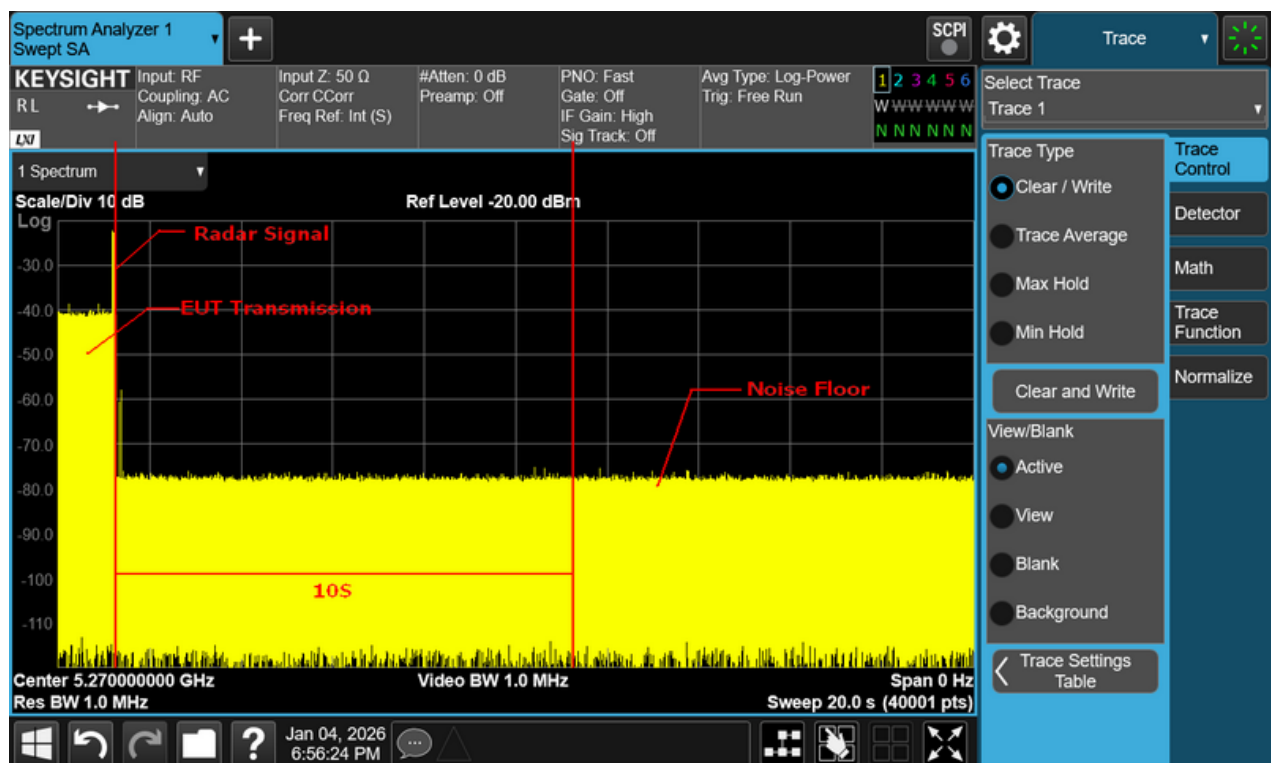
Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.



Note: An expanded plot for the device vacates the channel in the required 10s.



Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.



Note: An expanded plot for the device vacates the channel in the required 10s.

Type 1				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	3	645	27	YES
2	0.6	230	11	YES
3	1.7	421	18	YES
4	4.7	945	38	YES
5	3.7	774	32	YES
6	2.6	580	24	YES
7	2.9	635	26	NO
8	2.1	494	21	YES
9	2.9	627	26	YES
10	0.7	251	12	NO
11	3.7	772	32	YES
12	4.5	909	37	YES
13	3	641	27	NO
14	1.9	451	19	YES
15	4.4	896	36	YES
16	2.7	599	25	YES
17	5	989	40	YES
18	2.1	478	20	YES
19	2.6	578	24	NO
20	1.9	454	19	YES
				Detection Rate 80%

Type 2				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	8.6	978	29	YES
2	1	253	15	YES
3	4.5	586	22	YES
4	14	1503	39	YES
5	10.9	1204	33	YES
6	7.4	864	27	YES
7	8.4	961	29	YES
8	5.8	714	24	YES
9	8.2	948	28	YES
10	1.4	290	16	NO
11	10.9	1200	33	YES
12	13.4	1440	38	YES
13	8.5	972	29	YES
14	5	640	23	NO
15	13.1	1417	37	YES
16	7.7	899	27	YES
17	14.8	1581	40	YES
18	5.5	687	24	YES
19	7.3	861	27	YES
20	5.1	645	23	YES
				Detection Rate 90%

Type 3				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	3	645	38	YES
2	0.6	230	32	YES
3	1.7	421	31	YES
4	4.7	945	32	YES
5	3.7	774	38	NO
6	2.6	580	23	YES
7	2.9	635	35	YES
8	2.1	494	28	YES
9	2.9	627	35	NO
10	0.7	251	22	YES
11	3.7	772	38	YES
12	4.5	909	29	NO
13	3	641	38	YES
14	1.9	451	32	YES
15	4.4	896	29	YES
16	2.7	599	23	NO
17	5	989	30	YES
18	2.1	478	32	YES
19	2.6	578	23	YES
20	1.9	454	32	YES
				Detection Rate 80%

Type 4				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	8.6	978	39	YES
2	1	253	32	YES
3	4.5	586	31	YES
4	14	1503	35	YES
5	10.9	1204	39	YES
6	7.4	864	24	NO
7	8.4	961	36	YES
8	5.8	714	28	YES
9	8.2	948	36	YES
10	1.4	290	22	NO
11	10.9	1200	39	YES
12	13.4	1440	33	YES
13	8.5	972	39	YES
14	5	640	32	NO
15	13.1	1417	33	YES
16	7.7	899	25	YES
17	14.8	1581	33	YES
18	5.5	687	32	YES
19	7.3	861	24	YES
20	5.1	645	32	YES
				Detection Rate 85%

Type 5				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	1.1	1116	36	YES
2	0.5	1114	30	YES
3	0.8	1115	33	YES
4	1.5	1118	40	YES
5	1.3	1117	37	YES
6	1	1116	35	YES
7	1.1	1116	35	YES
8	0.9	1115	34	NO
9	1.1	1116	35	YES
10	0.5	1114	30	YES
11	1.3	1117	37	YES
12	1.5	1118	39	YES
13	1.1	1116	36	YES
14	0.8	1115	33	NO
15	1.5	1118	39	YES
16	1	1116	35	YES
17	1.5	1118	40	YES
18	0.9	1115	33	NO
19	1	1116	35	YES
20	0.8	1115	33	YES
				Detection Rate 85%

Type 6				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	1.1	930	33	YES
2	0.5	928	25	YES
3	0.8	929	29	YES
4	1.5	932	39	YES
5	1.3	931	36	NO
6	1	930	32	YES
7	1.1	930	33	YES
8	0.9	929	30	YES
9	1.1	930	33	NO
10	0.5	928	26	YES
11	1.3	931	36	YES
12	1.5	932	39	NO
13	1.1	930	33	YES
14	0.8	929	30	NO
15	1.5	932	38	YES
16	1	930	32	YES
17	1.5	932	40	YES
18	0.9	929	30	NO
19	1	930	32	YES
20	0.8	929	30	YES
				Detection Rate 75%

Type 7				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	1.1	888	33	YES
2	0.5	886	25	YES
3	0.8	887	29	YES
4	1.5	890	39	YES
5	1.3	889	36	YES
6	1	888	32	YES
7	1.1	888	33	YES
8	0.9	887	30	YES
9	1.1	888	33	NO
10	0.5	886	26	YES
11	1.3	889	36	YES
12	1.5	890	39	YES
13	1.1	888	33	NO
14	0.8	887	30	YES
15	1.5	890	38	YES
16	1	888	32	YES
17	1.5	890	40	YES
18	0.9	887	30	YES
19	1	888	32	YES
20	0.8	887	30	YES
				Detection Rate 90%

Type 8				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	1.1	740	31	YES
2	0.5	738	20	YES
3	0.8	739	25	YES
4	1.5	742	39	NO
5	1.3	741	35	YES
6	1	740	29	YES
7	1.1	740	31	YES
8	0.9	739	27	NO
9	1.1	740	31	YES
10	0.5	738	21	YES
11	1.3	741	34	YES
12	1.5	742	38	NO
13	1.1	740	31	YES
14	0.8	739	26	YES
15	1.5	742	38	YES
16	1	740	30	YES
17	1.5	742	40	YES
18	0.9	739	27	YES
19	1	740	29	YES
20	0.8	739	26	YES
				Detection Rate 85%

IEEE 802.11ax(HE80) - 5290MHz

Short Pulse Radar Test Waveforms.

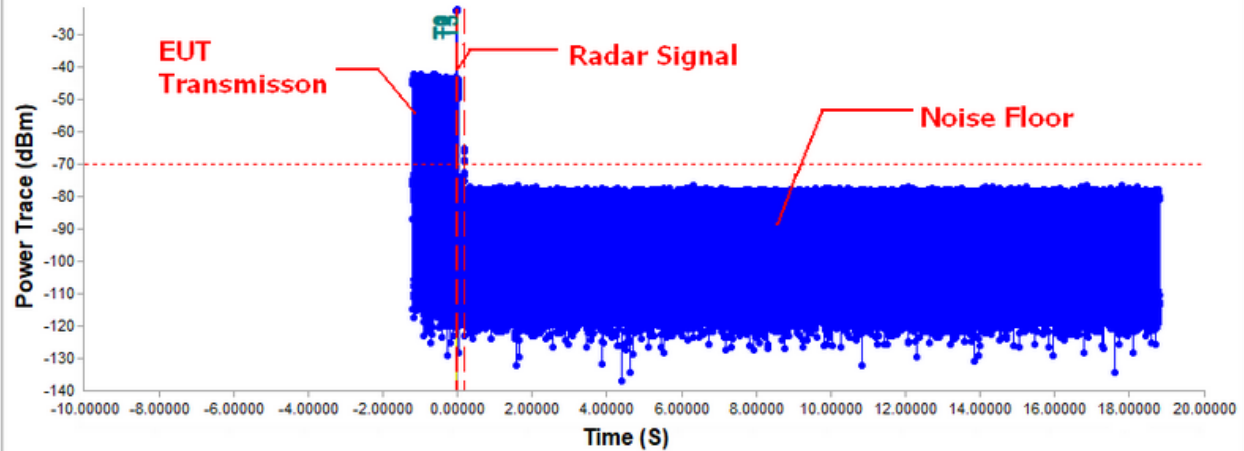
Radar signal	Pass times	Fail times	Probability	Limit
Type 1	18	2	90%	60%
Type 2	18	2	90%	60%
Type 3	17	3	85%	60%
Type 4	15	5	75%	60%
Type 5	17	3	85%	60%
Type 6	17	3	85%	60%
Type 7	15	5	75%	60%
Type 8	18	2	90%	60%

Radar Signal	Channel Closing Transmission Time (s)	Limit	Result
Type 1	0.0164996	$\leq 0.26s$	Pass
Type 2	0.0124997	$\leq 0.26s$	Pass
Type 3	0.0139997	$\leq 0.26s$	Pass
Type 4	0.0164996	$\leq 0.26s$	Pass
Type 5	0.0139997	$\leq 0.26s$	Pass
Type 6	0.0159996	$\leq 0.26s$	Pass
Type 7	0.0129997	$\leq 0.26s$	Pass
Type 8	0.0169996	$\leq 0.26s$	Pass

Radar Signal	Channel MoveTime (s)	Limit	Result
Type 1	0.1909952	$\leq 10s$	Pass
Type 2	0.999975	$\leq 10s$	Pass
Type 3	0.80198	$\leq 10s$	Pass
Type 4	0.2169946	$\leq 10s$	Pass
Type 5	0.8369791	$\leq 10s$	Pass
Type 6	1.001975	$\leq 10s$	Pass
Type 7	0.7379816	$\leq 10s$	Pass
Type 8	0.8669783	$\leq 10s$	Pass

Type 1

In Service Monitor



Time Index Info

T0 : -0.0410 S (Radar Injection Start)
T1 : 0.0000 S (Radar Injection Stop)
T2 : 0.0000 S (200msec Interval)
T3 : 0.1910 S (Channel Move Time)

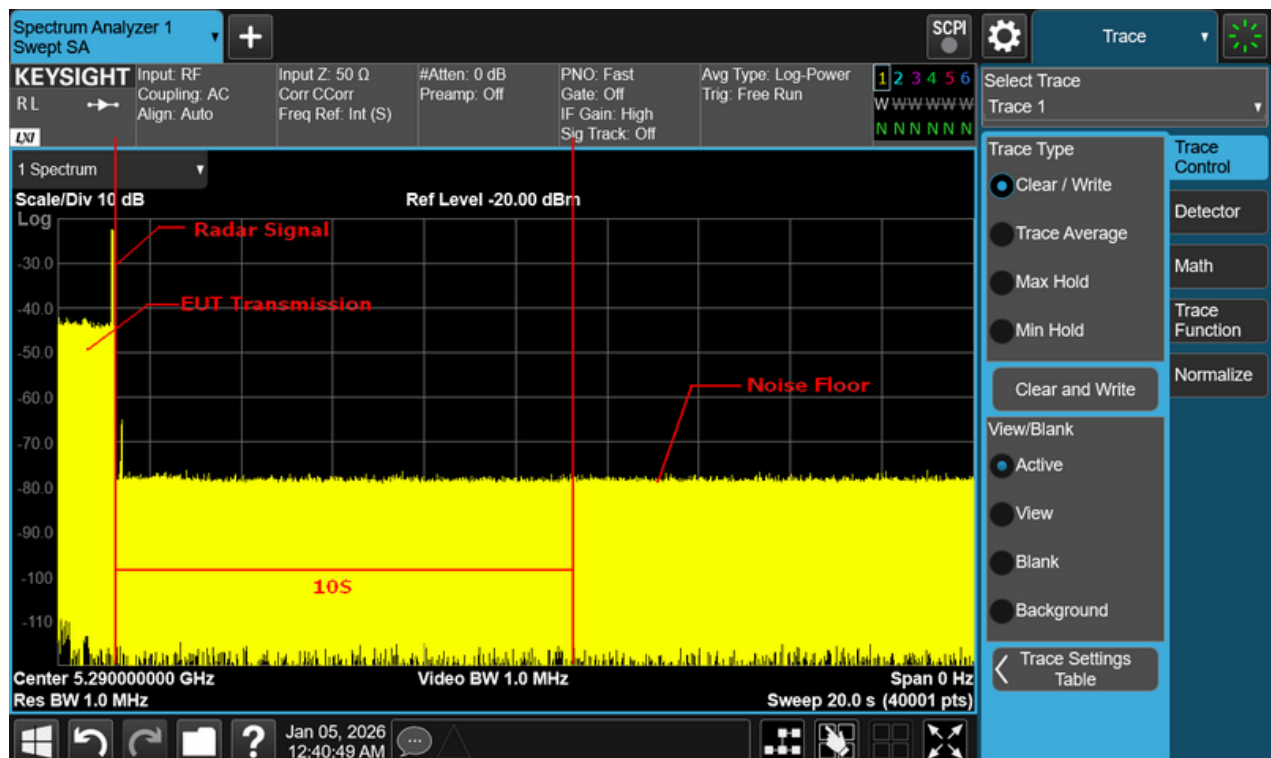
Time Per Bin: 0.4999875

T2~T3 Bins Over Threshold:
= 33 Bins

Channel Move Time: 0.1909952 S

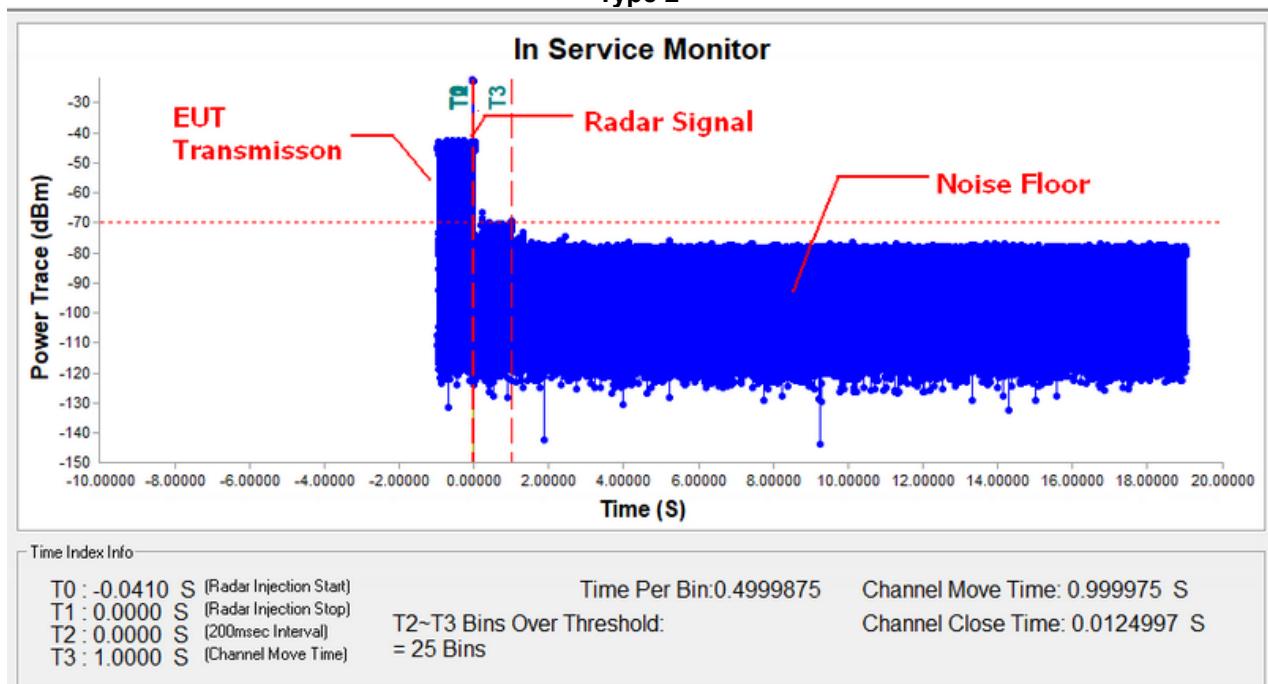
Channel Close Time: 0.0164996 S

Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

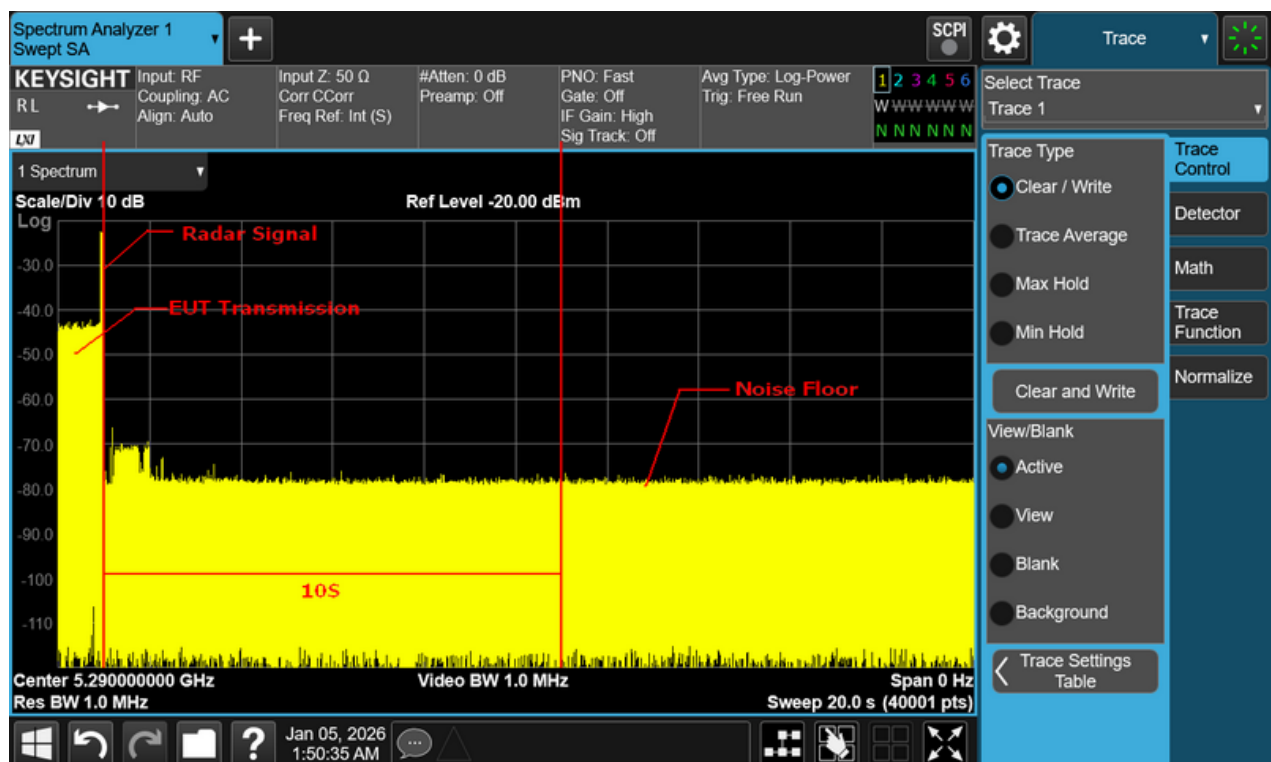


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 2

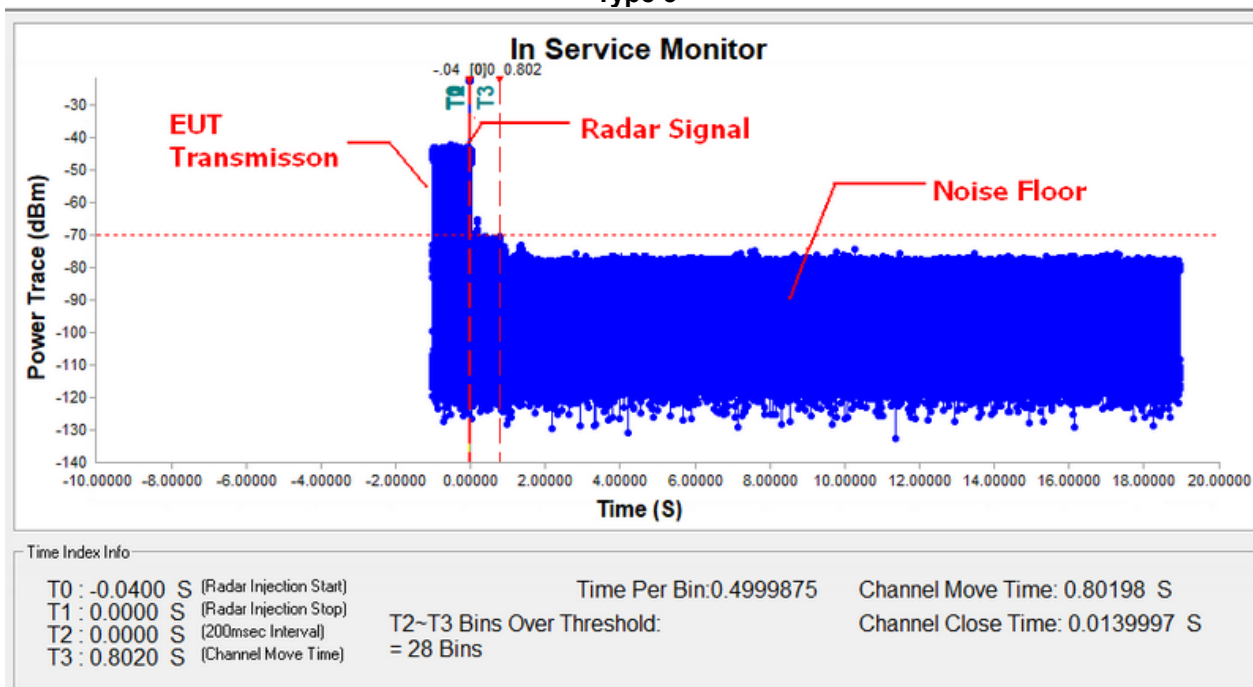


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

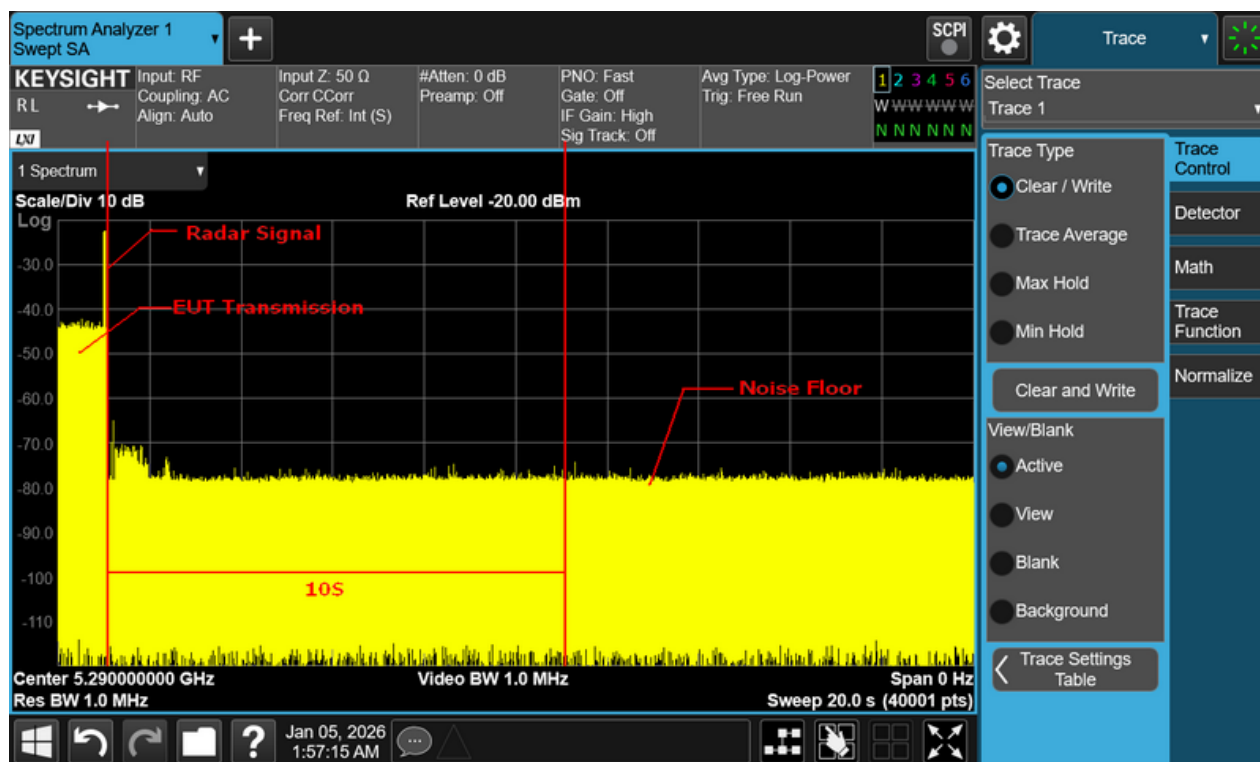


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 3

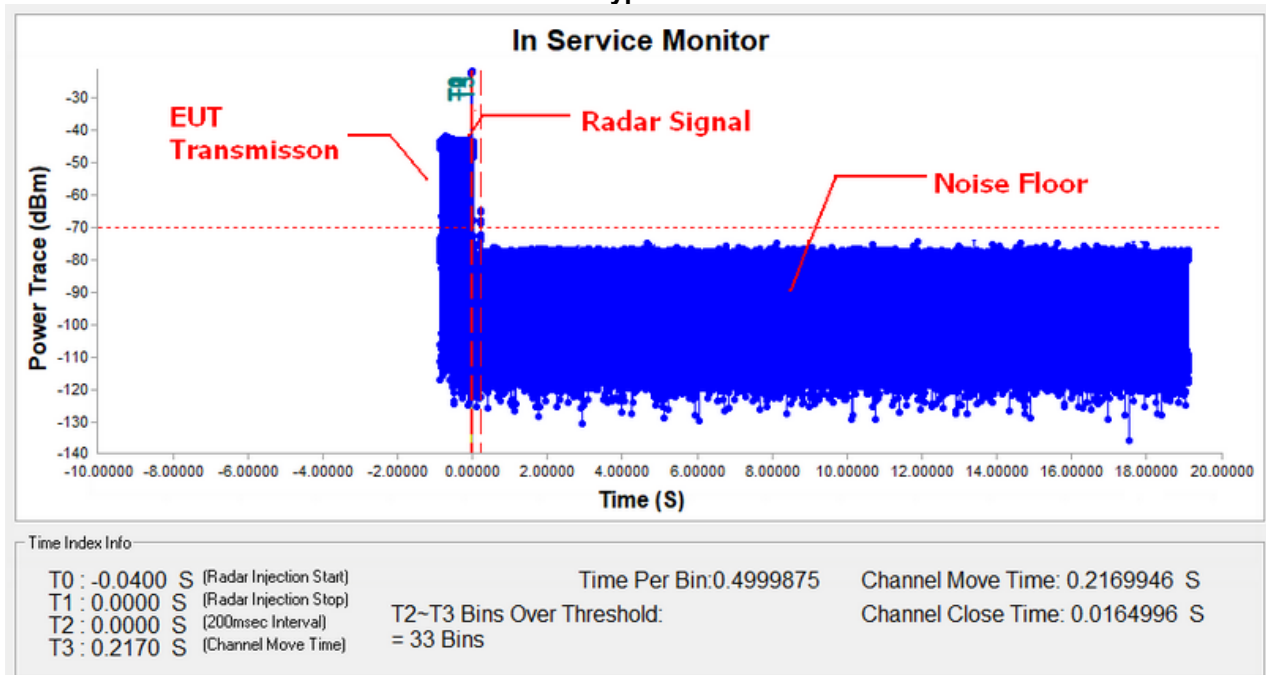


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

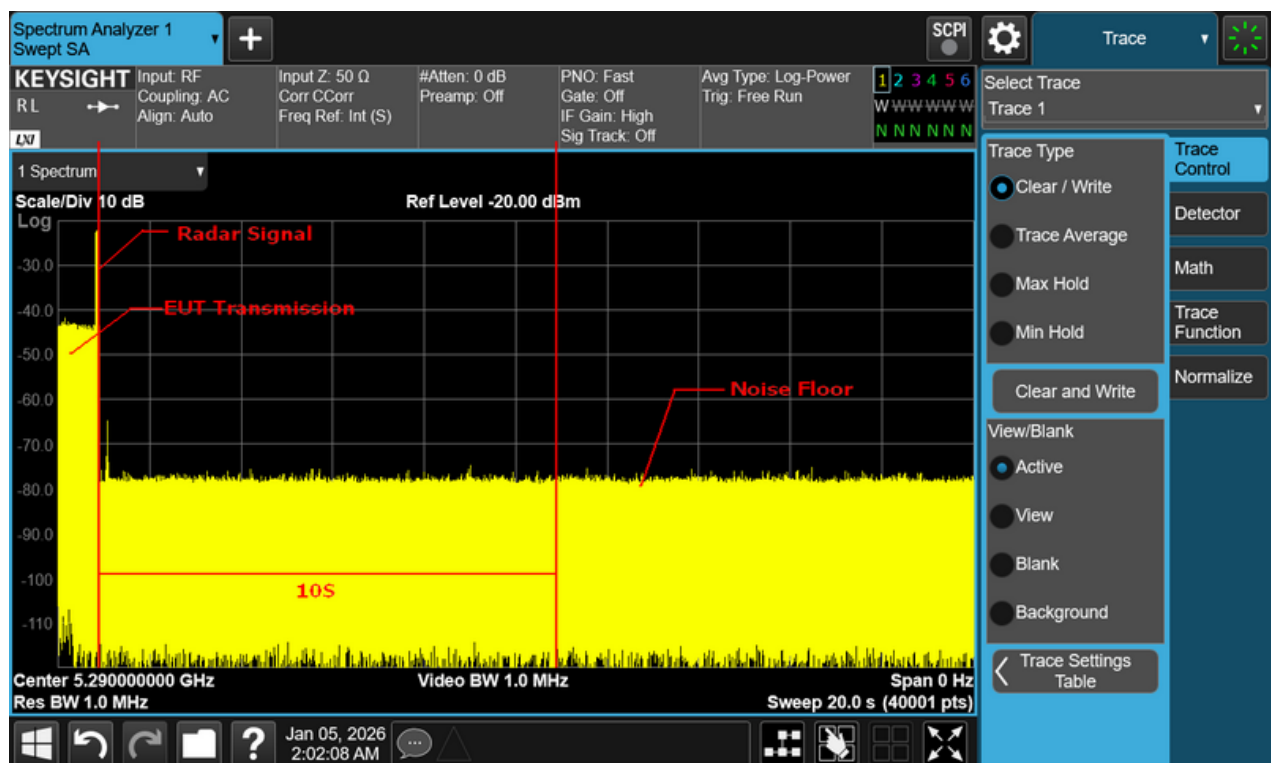


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 4

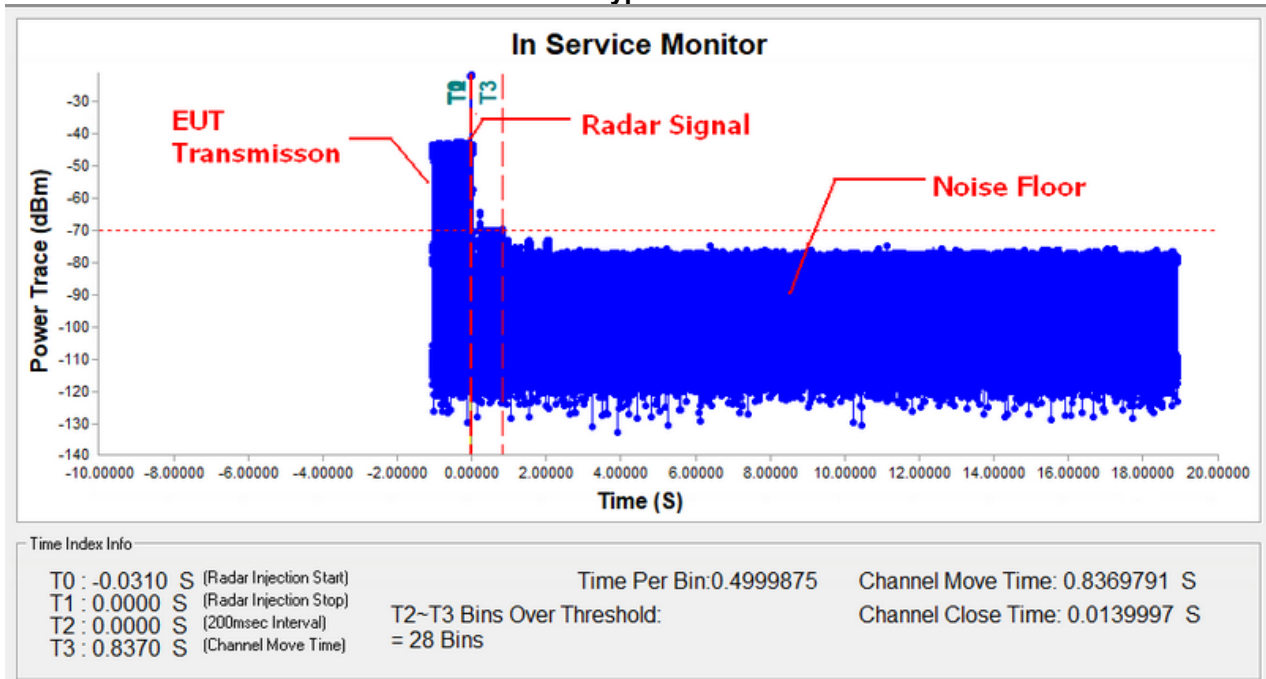


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

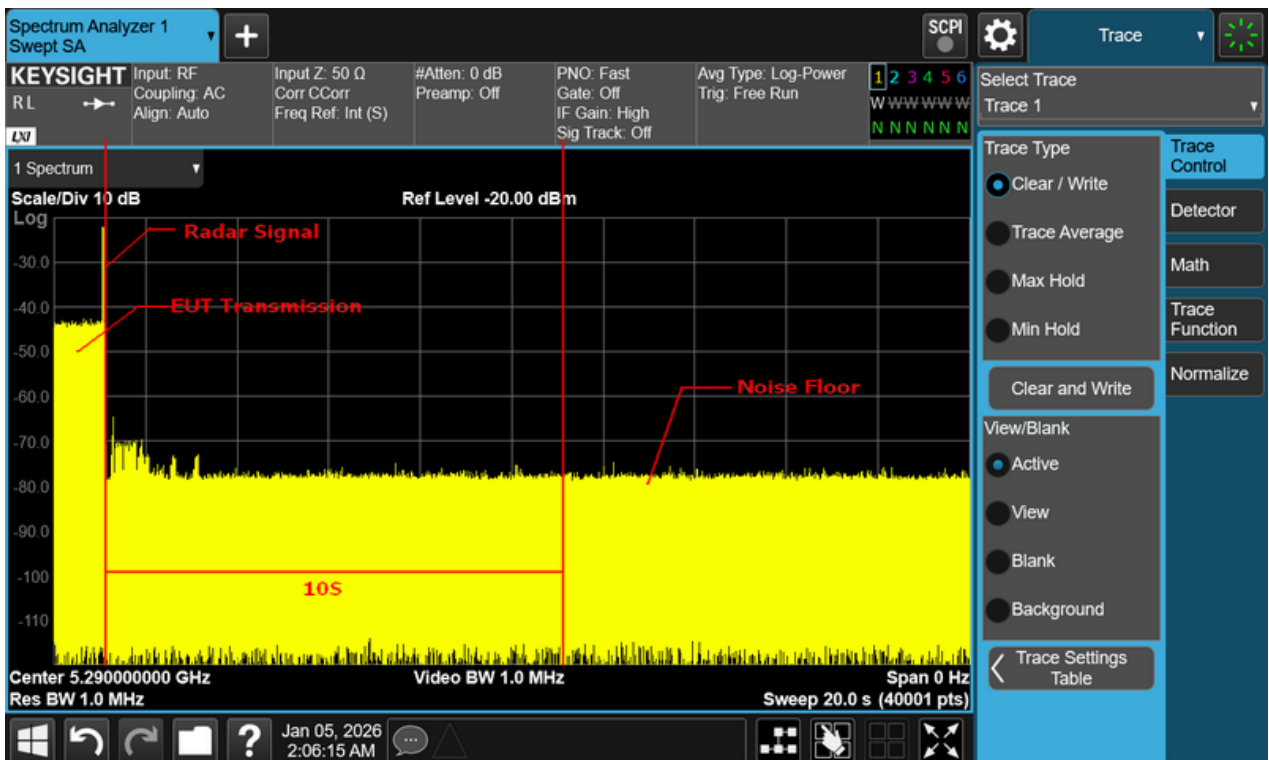


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 5

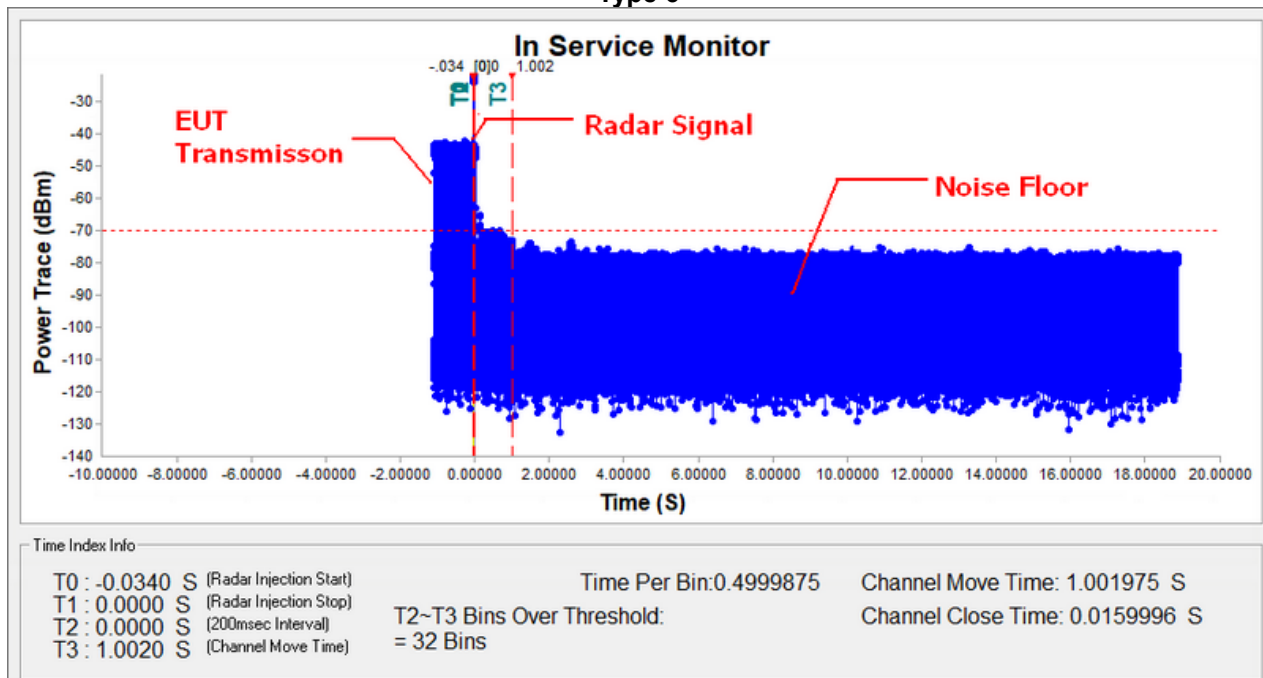


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

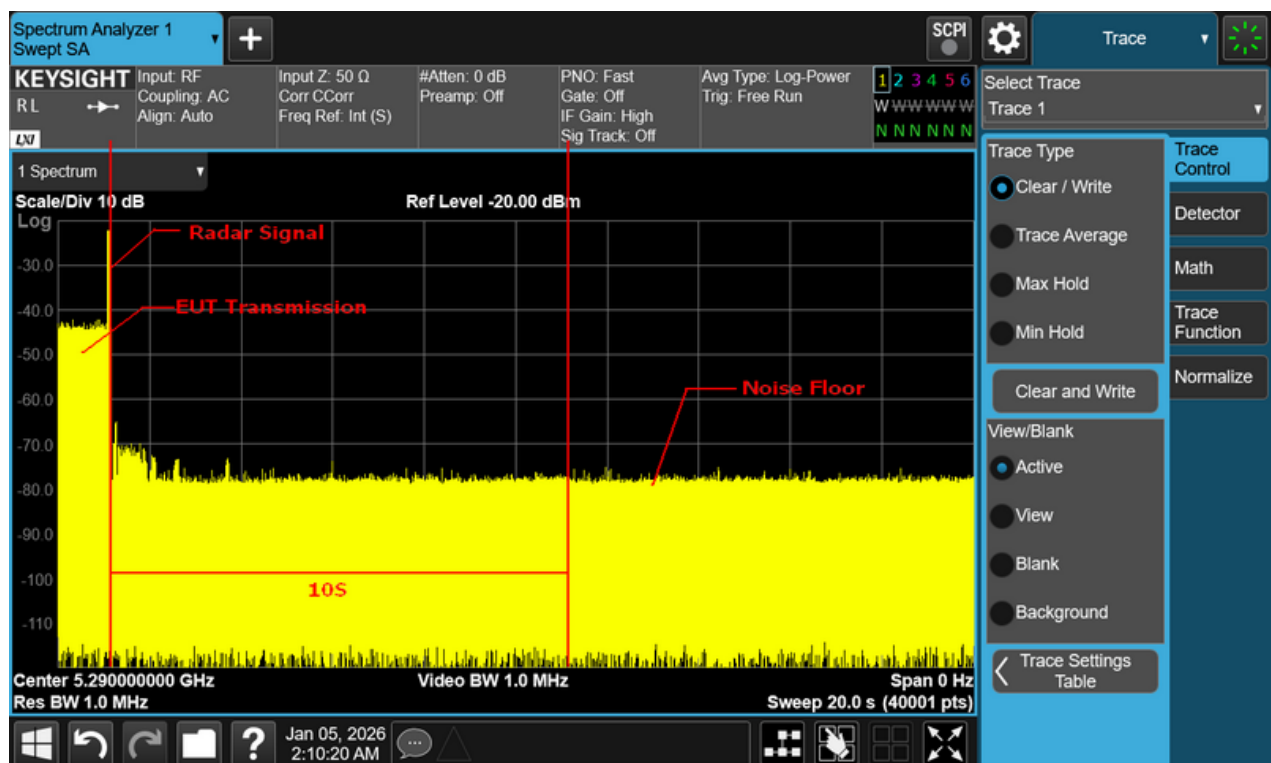


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 6

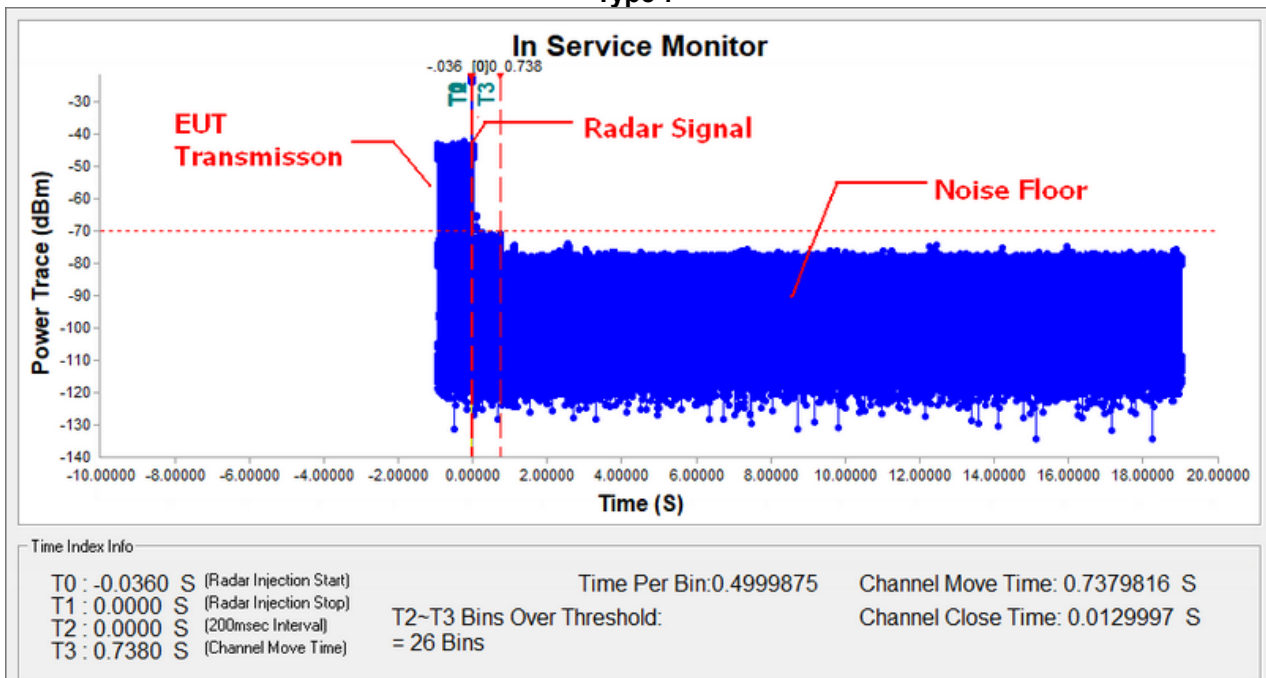


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

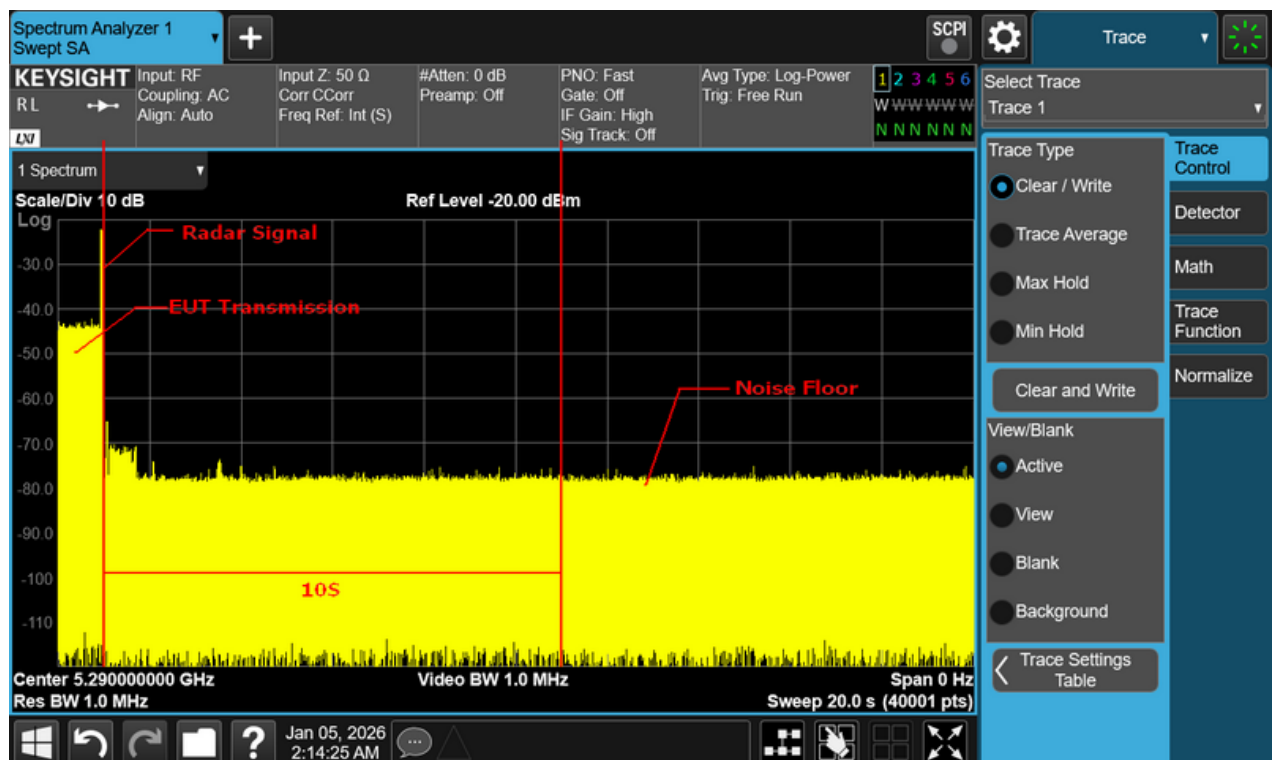


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 7

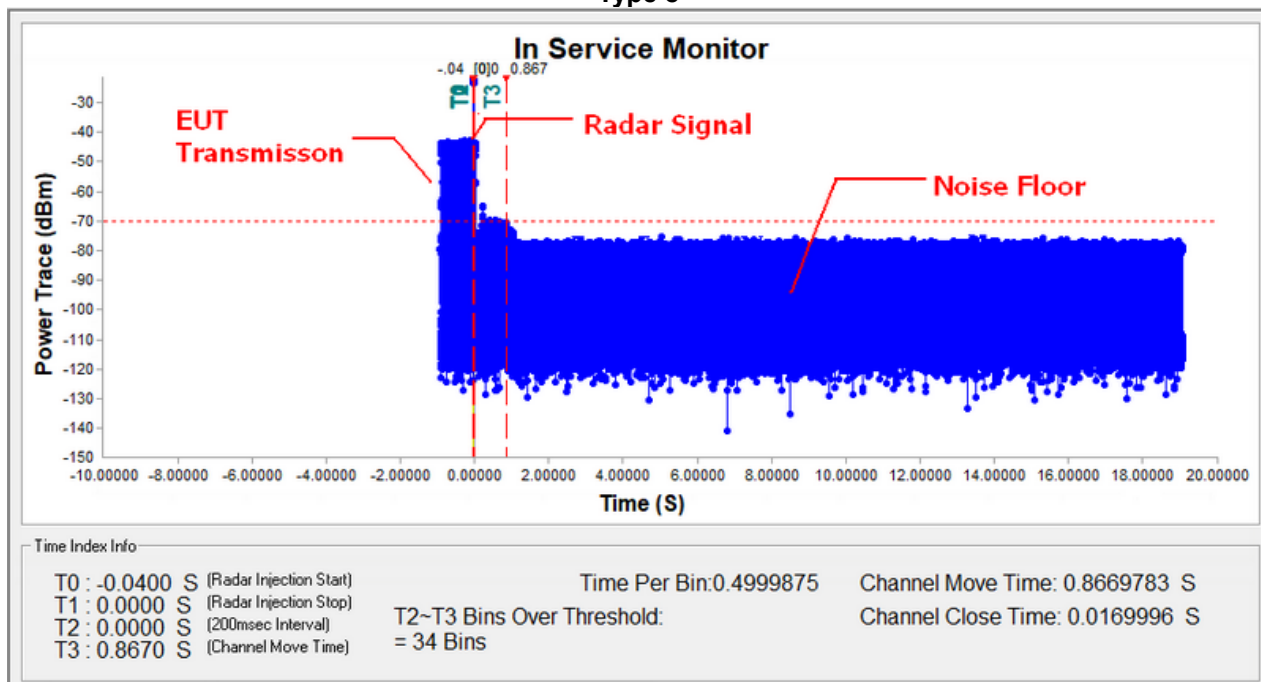


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

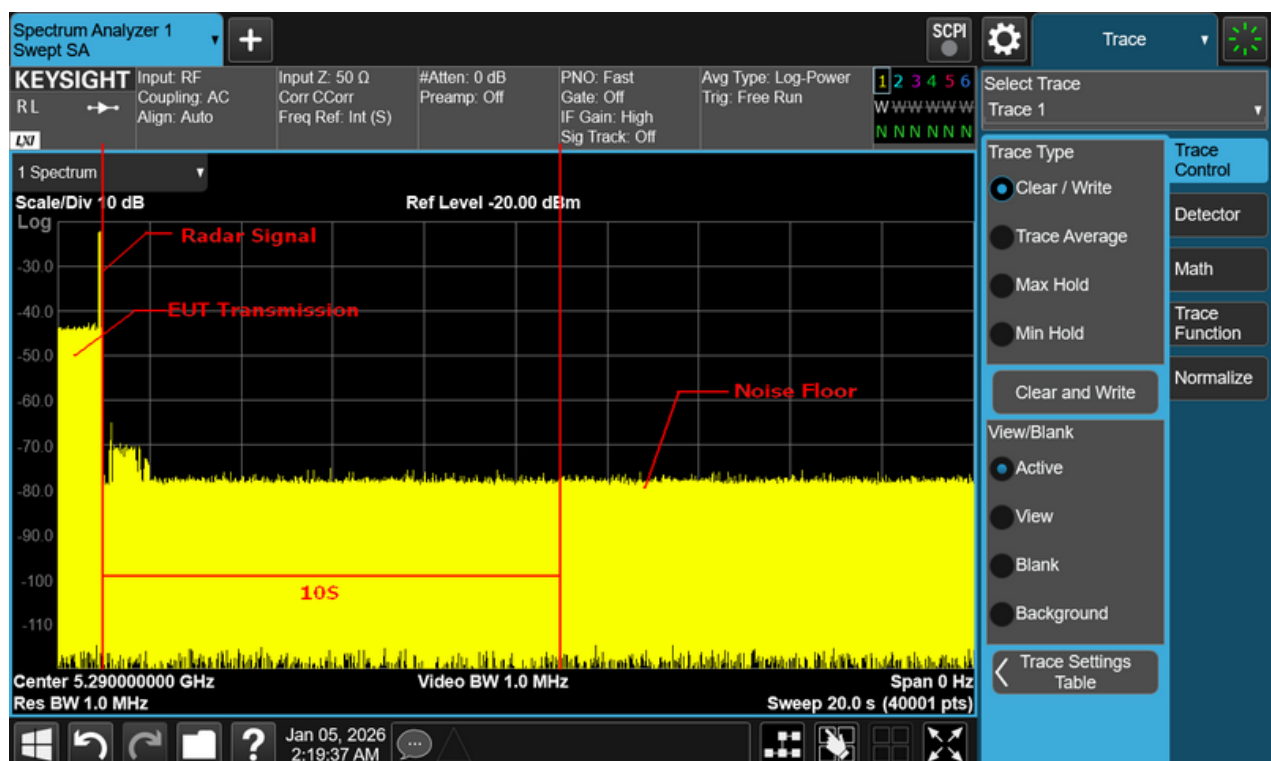


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 8



Note: T0 denotes the radar injection start.
 T1 denotes the radar injection stop.
 T2 denotes the data transmission time of 200ms from T1.
 T3 denotes the end of Channel Move Time.



Note: An expanded plot for the device vacates the channel in the required 10s.

Type 1				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	3	645	27	YES
2	0.6	230	11	YES
3	1.7	421	18	YES
4	4.7	945	38	YES
5	3.7	774	32	YES
6	2.6	580	24	YES
7	2.9	635	26	NO
8	2.1	494	21	YES
9	2.9	627	26	YES
10	0.7	251	12	YES
11	3.7	772	32	YES
12	4.5	909	37	NO
13	3	641	27	YES
14	1.9	451	19	YES
15	4.4	896	36	YES
16	2.7	599	25	YES
17	5	989	40	YES
18	2.1	478	20	YES
19	2.6	578	24	YES
20	1.9	454	19	YES
				Detection Rate 90%

Type 2				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	8.6	978	29	YES
2	1	253	15	YES
3	4.5	586	22	YES
4	14	1503	39	YES
5	10.9	1204	33	YES
6	7.4	864	27	YES
7	8.4	961	29	YES
8	5.8	714	24	YES
9	8.2	948	28	NO
10	1.4	290	16	YES
11	10.9	1200	33	YES
12	13.4	1440	38	YES
13	8.5	972	29	YES
14	5	640	23	YES
15	13.1	1417	37	NO
16	7.7	899	27	YES
17	14.8	1581	40	YES
18	5.5	687	24	YES
19	7.3	861	27	YES
20	5.1	645	23	YES
				Detection Rate 90%

Type 3				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	3	645	38	YES
2	0.6	230	32	YES
3	1.7	421	31	YES
4	4.7	945	32	NO
5	3.7	774	38	YES
6	2.6	580	23	YES
7	2.9	635	35	YES
8	2.1	494	28	NO
9	2.9	627	35	YES
10	0.7	251	22	YES
11	3.7	772	38	YES
12	4.5	909	29	YES
13	3	641	38	NO
14	1.9	451	32	YES
15	4.4	896	29	YES
16	2.7	599	23	YES
17	5	989	30	YES
18	2.1	478	32	YES
19	2.6	578	23	YES
20	1.9	454	32	YES
				Detection Rate 85%

Type 4				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	8.6	978	39	YES
2	1	253	32	YES
3	4.5	586	31	YES
4	14	1503	35	YES
5	10.9	1204	39	YES
6	7.4	864	24	NO
7	8.4	961	36	YES
8	5.8	714	28	YES
9	8.2	948	36	NO
10	1.4	290	22	YES
11	10.9	1200	39	YES
12	13.4	1440	33	YES
13	8.5	972	39	NO
14	5	640	32	YES
15	13.1	1417	33	YES
16	7.7	899	25	NO
17	14.8	1581	33	YES
18	5.5	687	32	NO
19	7.3	861	24	YES
20	5.1	645	32	YES
				Detection Rate 75%

Type 5				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	1.1	1116	36	YES
2	0.5	1114	30	YES
3	0.8	1115	33	YES
4	1.5	1118	40	YES
5	1.3	1117	37	YES
6	1	1116	35	YES
7	1.1	1116	35	NO
8	0.9	1115	34	YES
9	1.1	1116	35	YES
10	0.5	1114	30	YES
11	1.3	1117	37	NO
12	1.5	1118	39	YES
13	1.1	1116	36	YES
14	0.8	1115	33	YES
15	1.5	1118	39	YES
16	1	1116	35	NO
17	1.5	1118	40	YES
18	0.9	1115	33	YES
19	1	1116	35	YES
20	0.8	1115	33	YES
				Detection Rate 85%

Type 6				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	1.1	930	33	YES
2	0.5	928	25	YES
3	0.8	929	29	YES
4	1.5	932	39	YES
5	1.3	931	36	NO
6	1	930	32	YES
7	1.1	930	33	YES
8	0.9	929	30	YES
9	1.1	930	33	NO
10	0.5	928	26	YES
11	1.3	931	36	YES
12	1.5	932	39	YES
13	1.1	930	33	YES
14	0.8	929	30	NO
15	1.5	932	38	YES
16	1	930	32	YES
17	1.5	932	40	YES
18	0.9	929	30	YES
19	1	930	32	YES
20	0.8	929	30	YES
				Detection Rate 85%

Type 7				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	1.1	888	33	YES
2	0.5	886	25	YES
3	0.8	887	29	YES
4	1.5	890	39	YES
5	1.3	889	36	YES
6	1	888	32	NO
7	1.1	888	33	YES
8	0.9	887	30	YES
9	1.1	888	33	NO
10	0.5	886	26	YES
11	1.3	889	36	YES
12	1.5	890	39	NO
13	1.1	888	33	YES
14	0.8	887	30	NO
15	1.5	890	38	YES
16	1	888	32	NO
17	1.5	890	40	YES
18	0.9	887	30	YES
19	1	888	32	YES
20	0.8	887	30	YES
				Detection Rate 75%

Type 8				
Trial #	Pluse Width (us)	PRF [pps]	Number of Continuous Pulse	Detection (YES / NO)
1	1.1	740	31	YES
2	0.5	738	20	YES
3	0.8	739	25	YES
4	1.5	742	39	YES
5	1.3	741	35	NO
6	1	740	29	YES
7	1.1	740	31	YES
8	0.9	739	27	YES
9	1.1	740	31	YES
10	0.5	738	21	YES
11	1.3	741	34	NO
12	1.5	742	38	YES
13	1.1	740	31	YES
14	0.8	739	26	YES
15	1.5	742	38	YES
16	1	740	30	YES
17	1.5	742	40	YES
18	0.9	739	27	YES
19	1	740	29	YES
20	0.8	739	26	YES
				Detection Rate 90%

IEEE 802.11a - 5700MHz

Short Pulse Radar Test Waveforms

Radar signal	Pass times	Fail times	Probability	Limit
Type 1	18	2	90%	60%
Type 2	18	2	90%	60%
Type 3	37	3	93%	60%
Type 4	18	2	90%	60%
Type 5	36	4	90%	60%
Type 6	18	2	90%	60%
Aggregate (Radar Signals 1-6)			90%	80%

Long Pulse Radar Test Waveform

Radar signal	Pass times	Fail times	Probability	Limit
Type 7	18	2	90%	80%

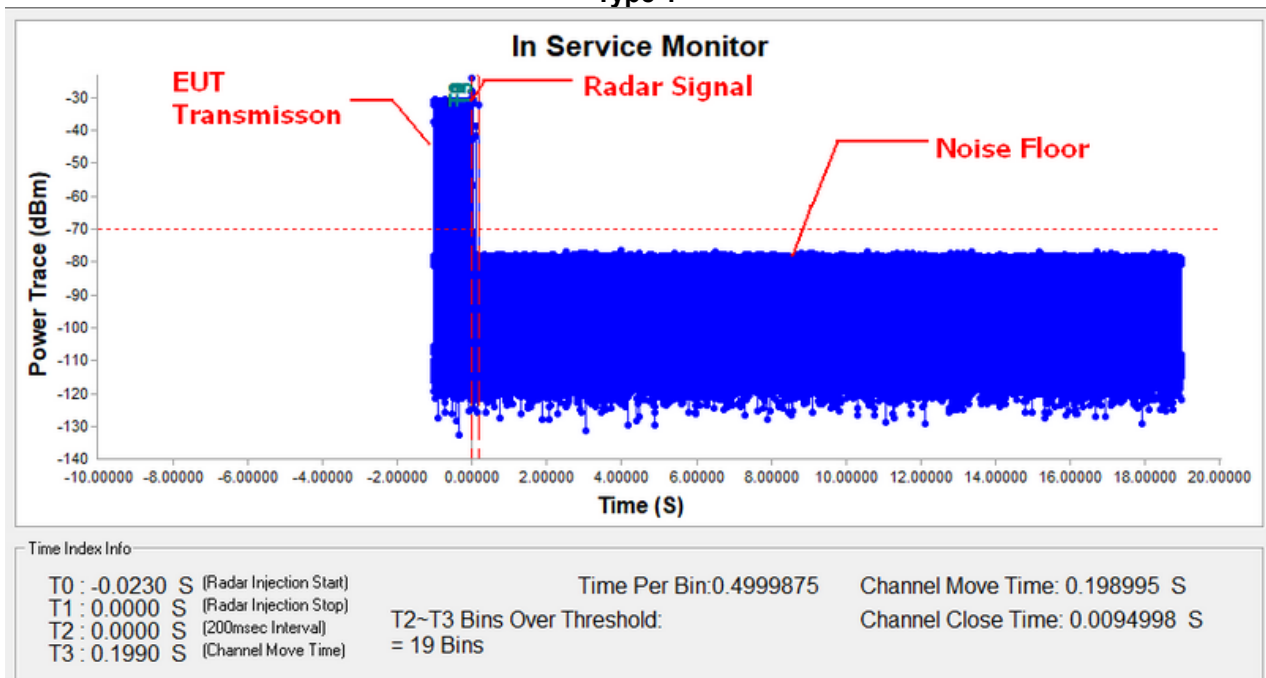
Frequency Hopping Radar Test Waveform

Radar signal	Pass times	Fail times	Probability	Limit
Type 8	17	3	85%	70%

Radar Signal	Channel Closing Transmission Time (s)	Limit	Result
Type 1	0.0094998	$\leq 0.26s$	Pass
Type 2	0.0079998	$\leq 0.26s$	Pass
Type 3	0.0029999	$\leq 0.26s$	Pass
Type 4	0.0099998	$\leq 0.26s$	Pass
Type 5	0.0359991	$\leq 0.26s$	Pass
Type 6	0.0469988	$\leq 0.26s$	Pass
Type 7	0.002	$\leq 0.26s$	Pass
Type 8	0.0204995	$\leq 0.26s$	Pass

Radar Signal	Channel Move Time (s)	Limit	Result
Type 1	0.198995	$\leq 10s$	Pass
Type 2	0.1719957	$\leq 10s$	Pass
Type 3	0.0979976	$\leq 10s$	Pass
Type 4	0.1819955	$\leq 10s$	Pass
Type 5	3.758906	$\leq 10s$	Pass
Type 6	3.7869053	$\leq 10s$	Pass
Type 7	0.0129997	$\leq 10s$	Pass
Type 8	0.2429939	$\leq 10s$	Pass

Type 1

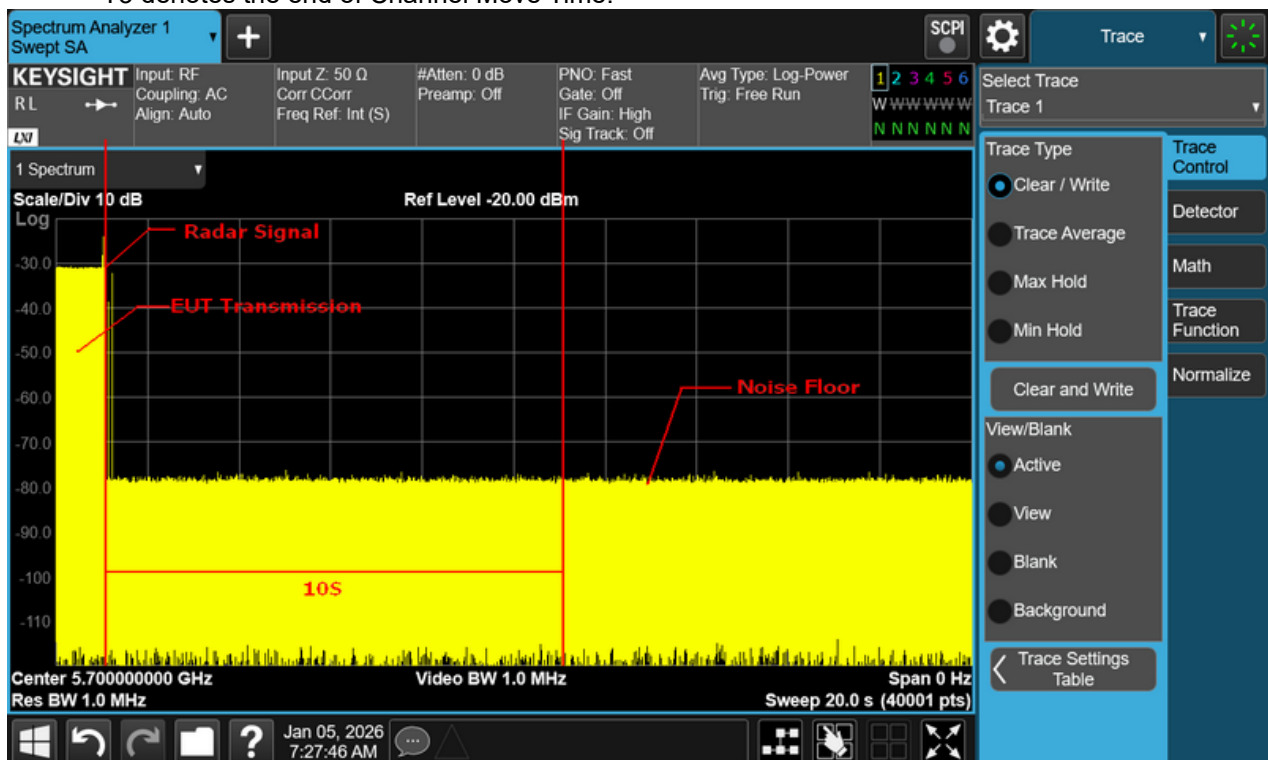


Note: T0 denotes the radar injection start.

T1 denotes the radar injection stop.

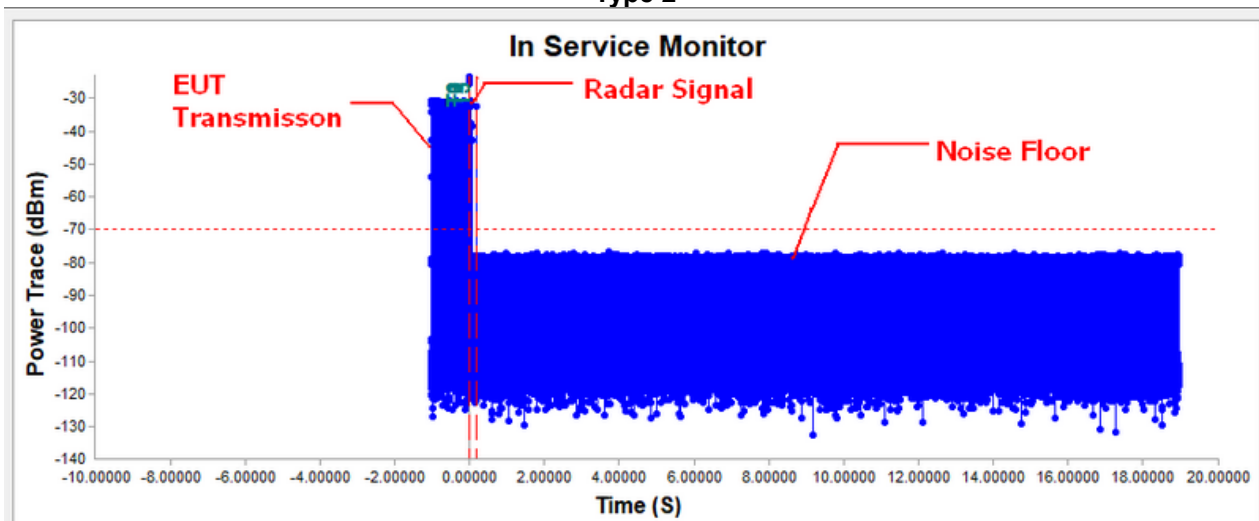
T2 denotes the data transmission time of 200ms from T1.

T3 denotes the end of Channel Move Time.



Note: An expanded plot for the device vacates the channel in the required 10s.

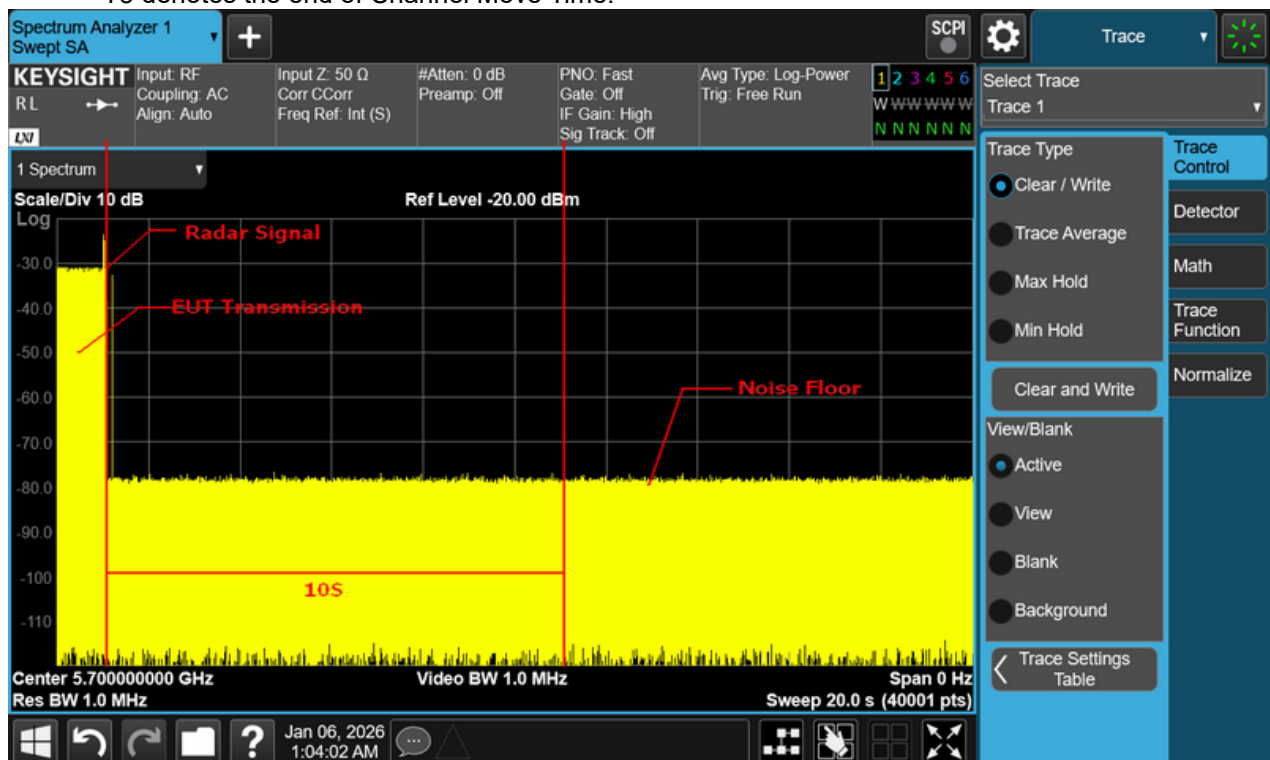
Type 2



Time Index Info

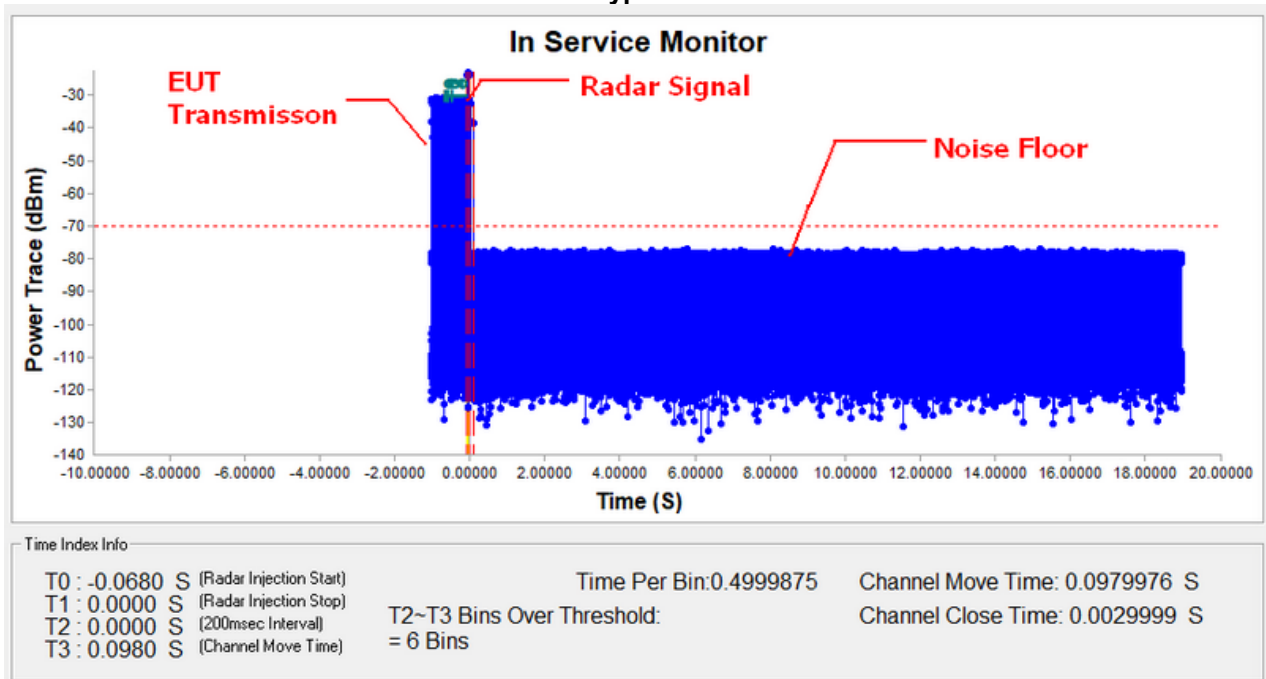
T0 : -0.0240 S (Radar Injection Start)	Time Per Bin: 0.4999875	Channel Move Time: 0.1719957 S
T1 : 0.0000 S (Radar Injection Stop)	T2~T3 Bins Over Threshold:	Channel Close Time: 0.0079998 S
T2 : 0.0000 S (200msec Interval)	= 16 Bins	
T3 : 0.1720 S (Channel Move Time)		

Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

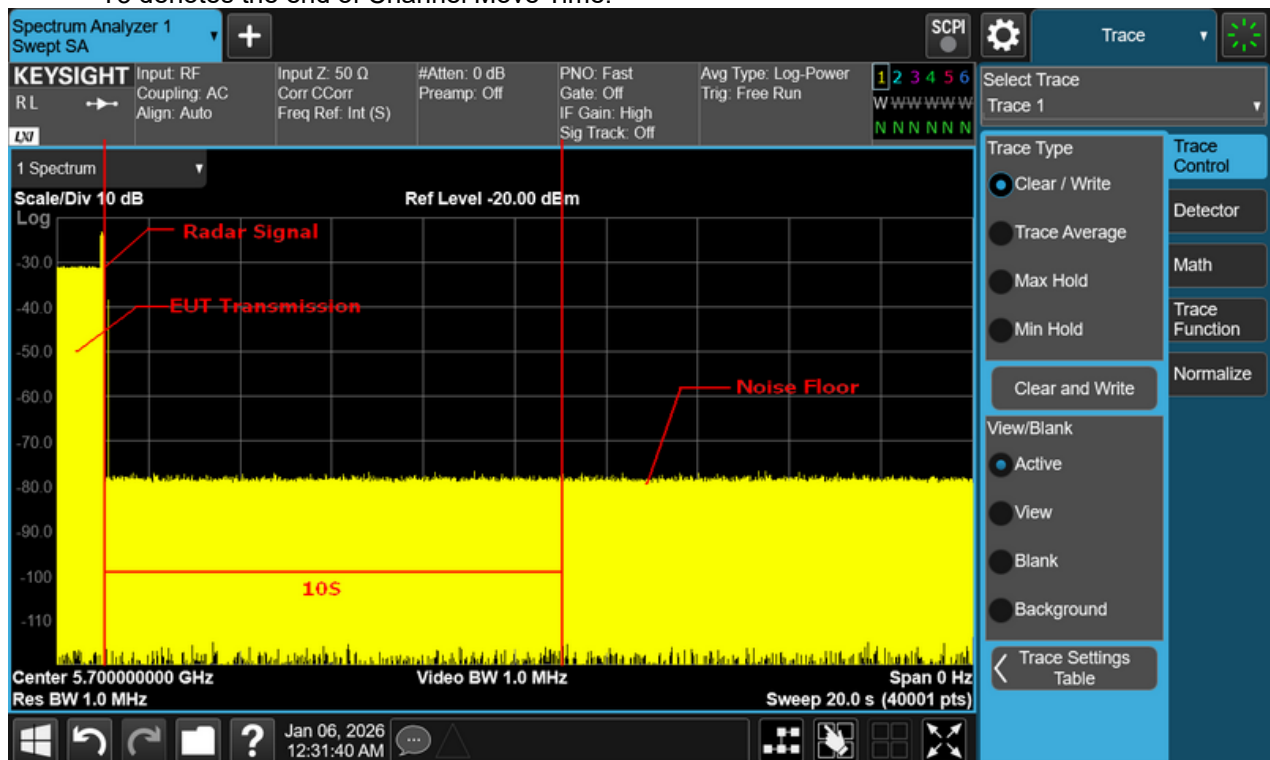


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 3

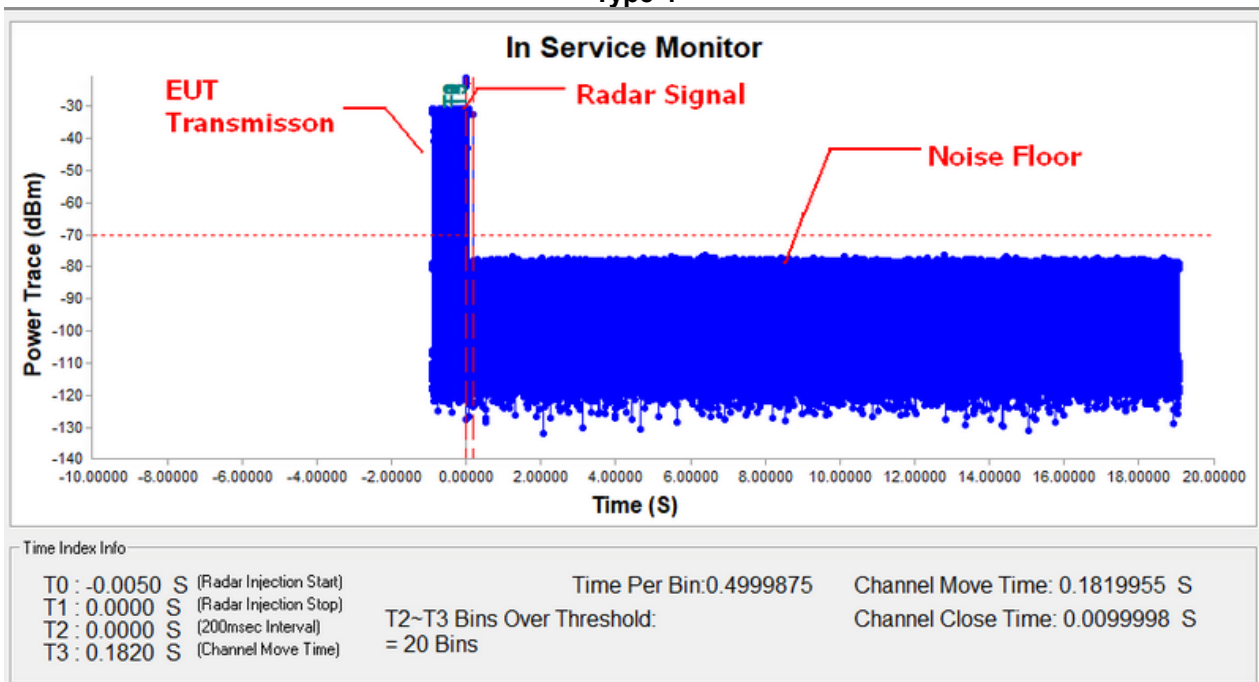


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

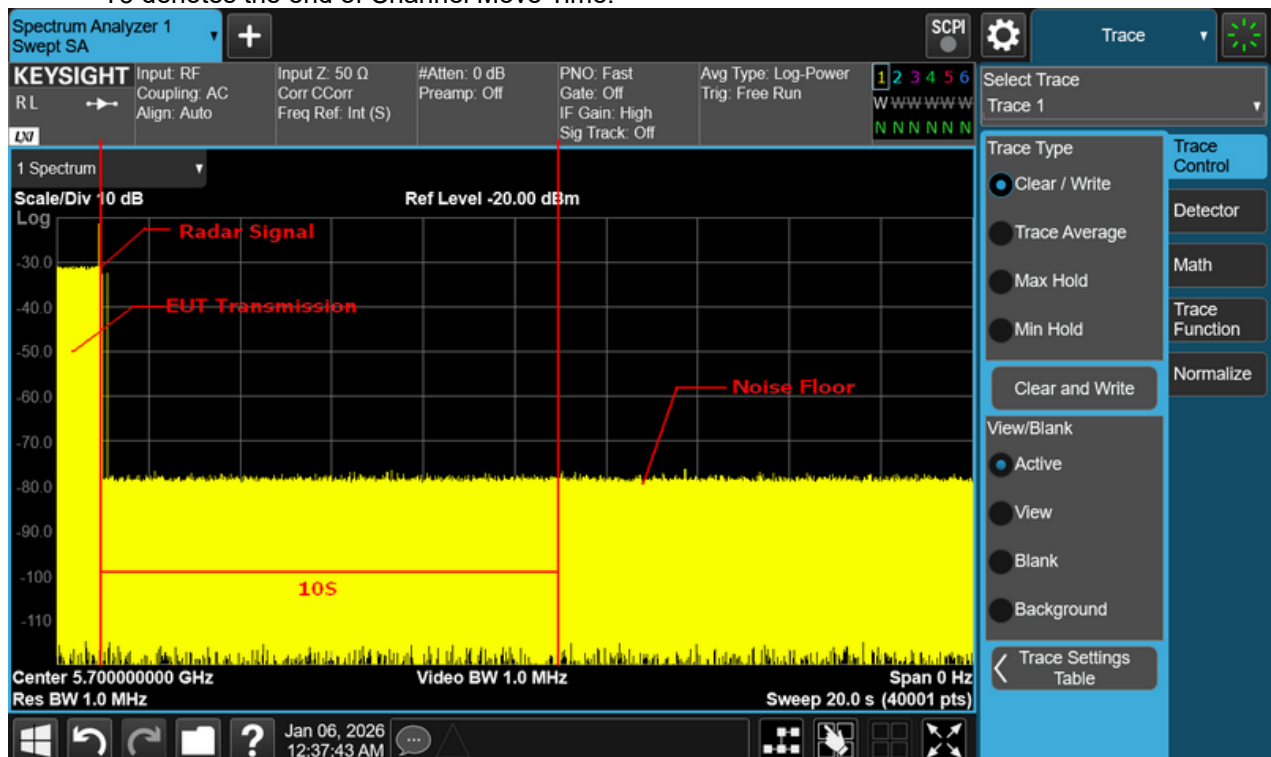


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 4

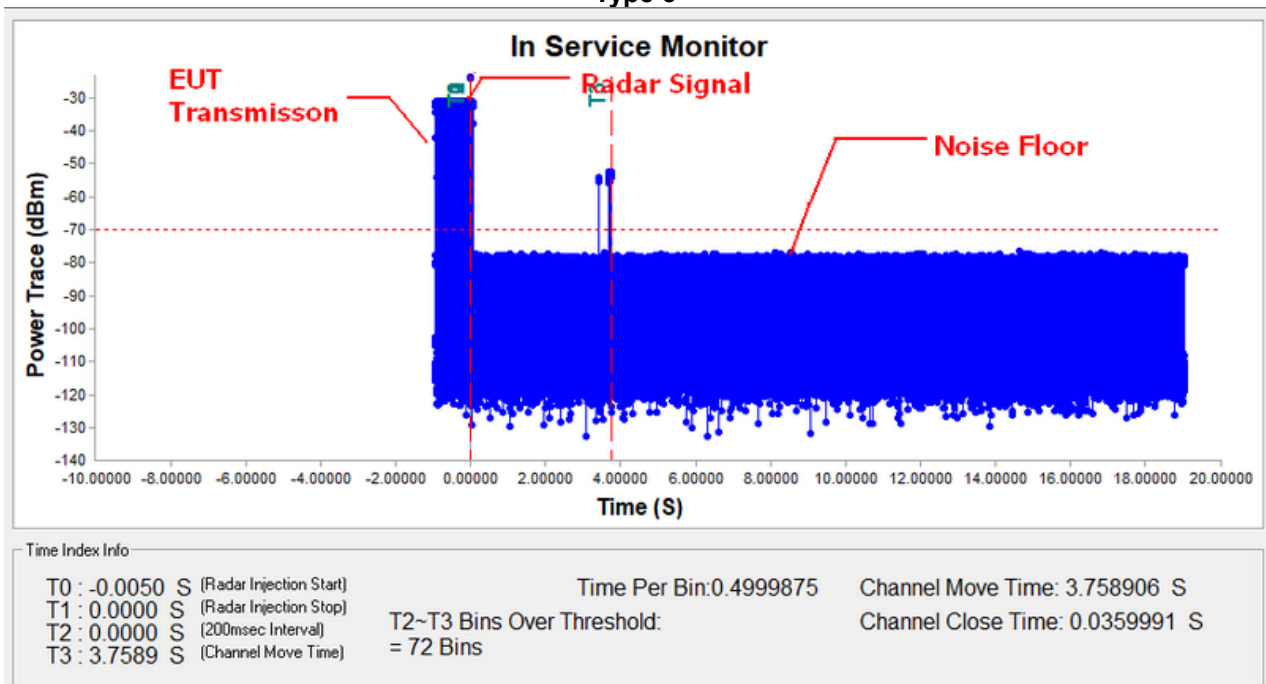


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

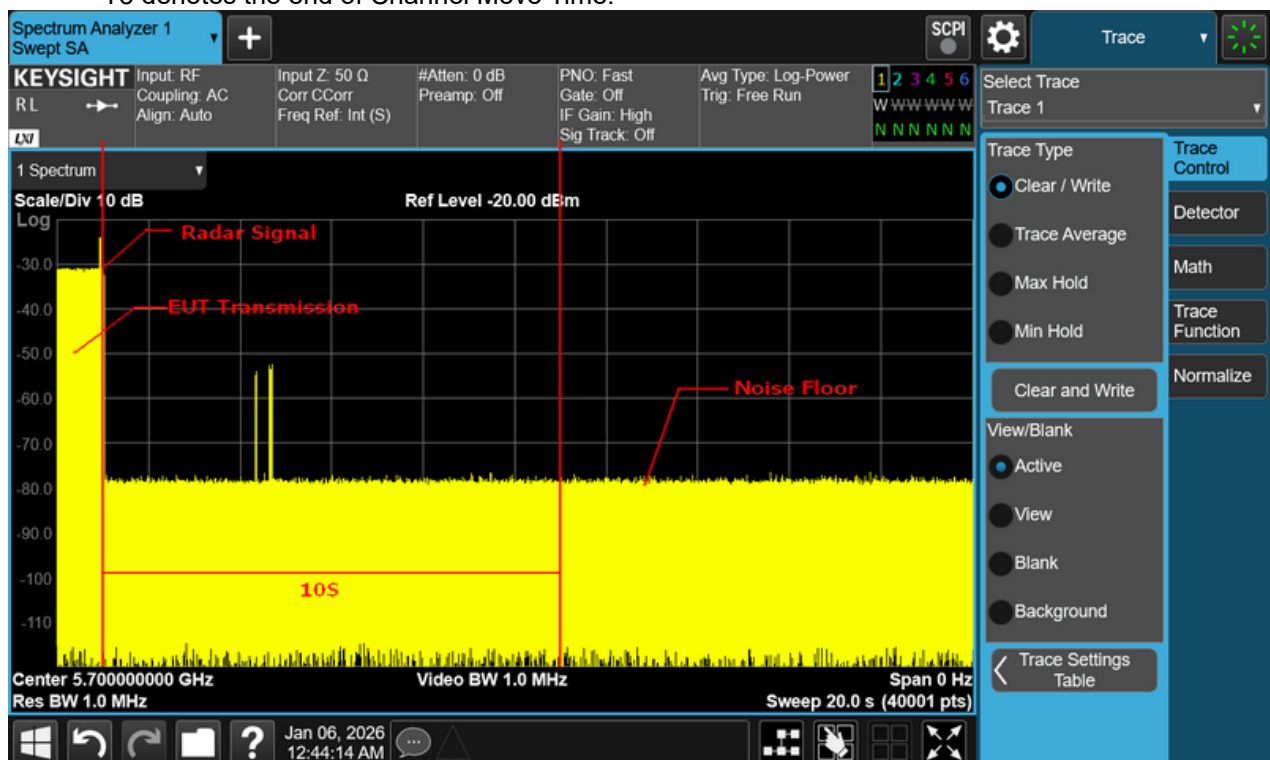


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 5

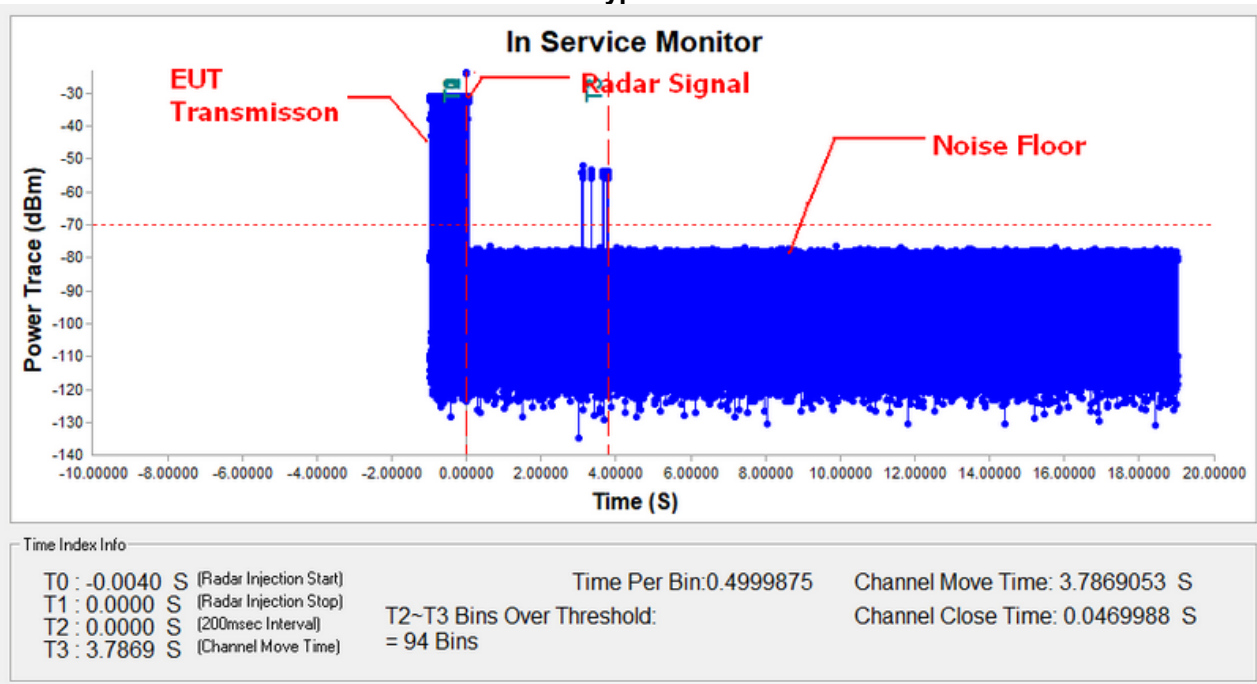


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

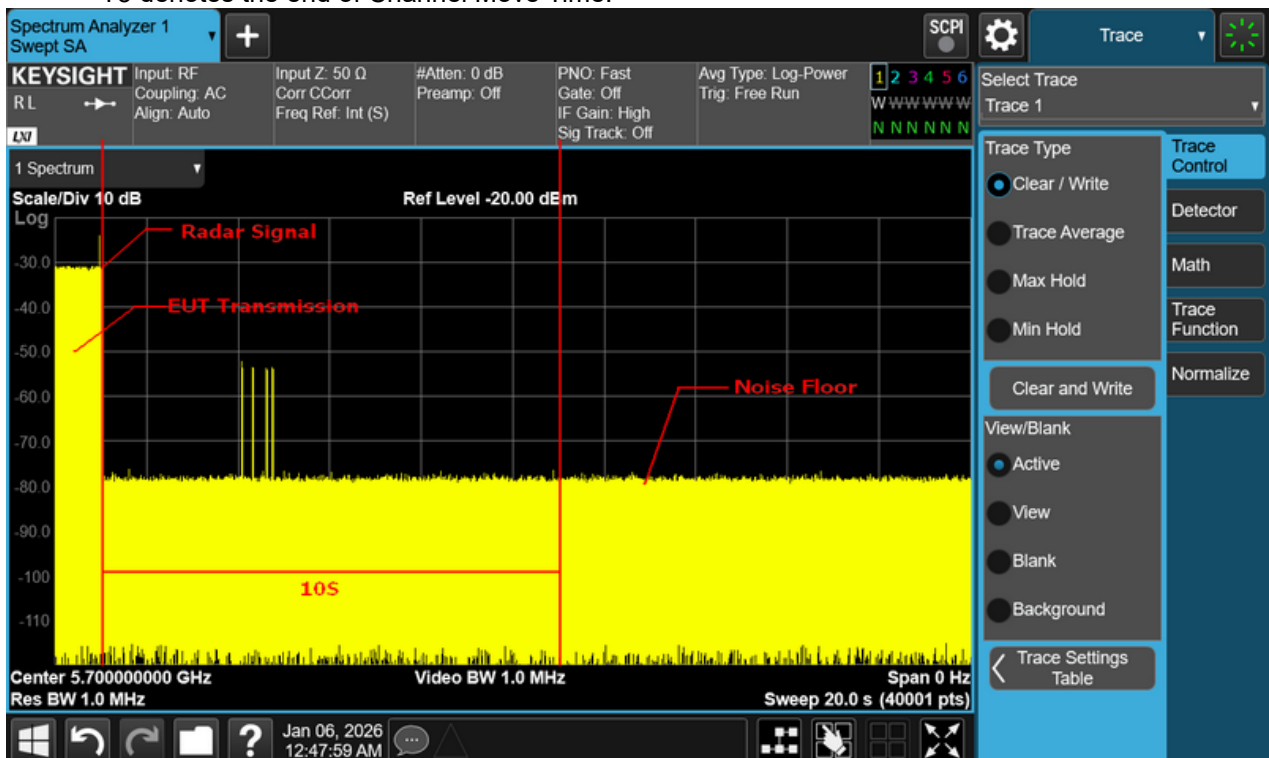


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 6

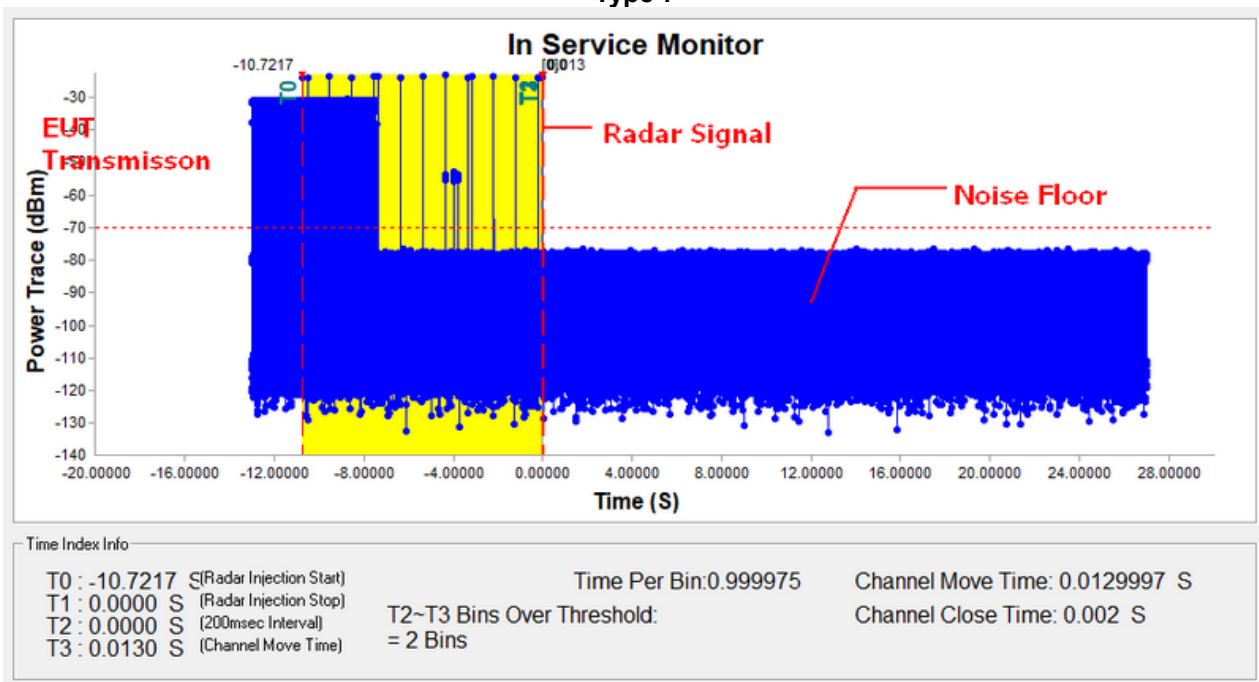


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

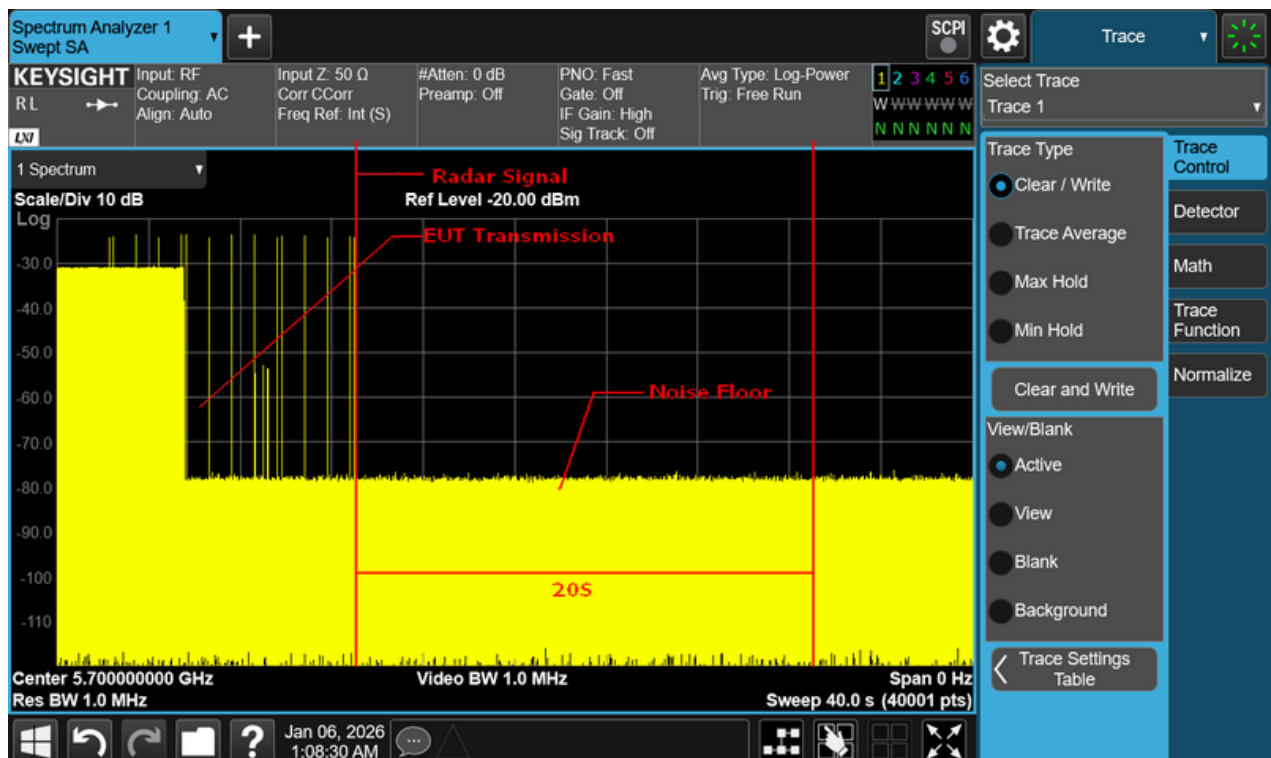


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 7

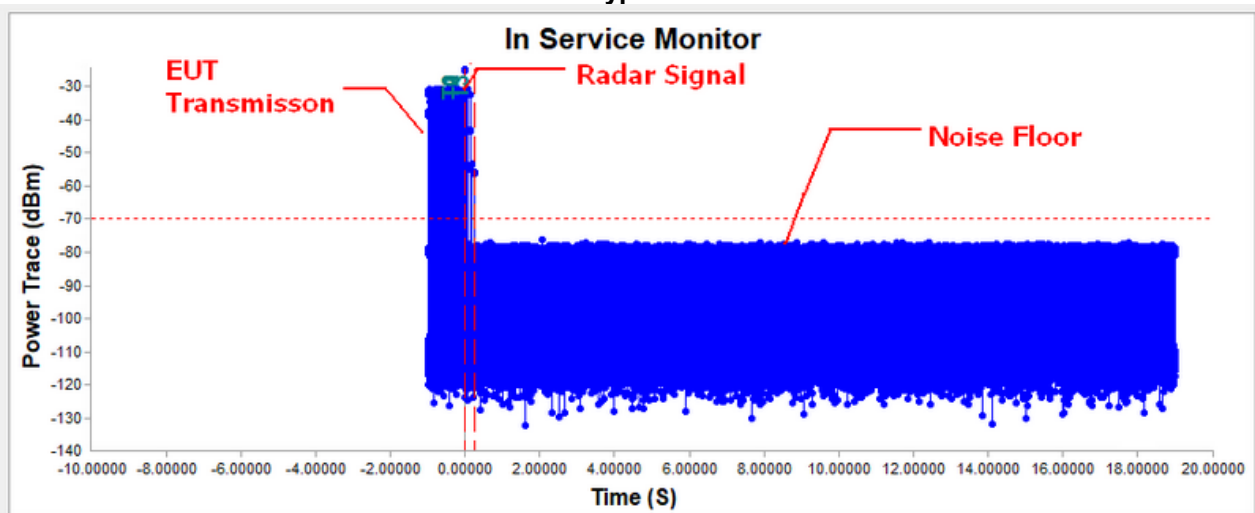


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.



Note: An expanded plot for the device vacates the channel in the required 10s.

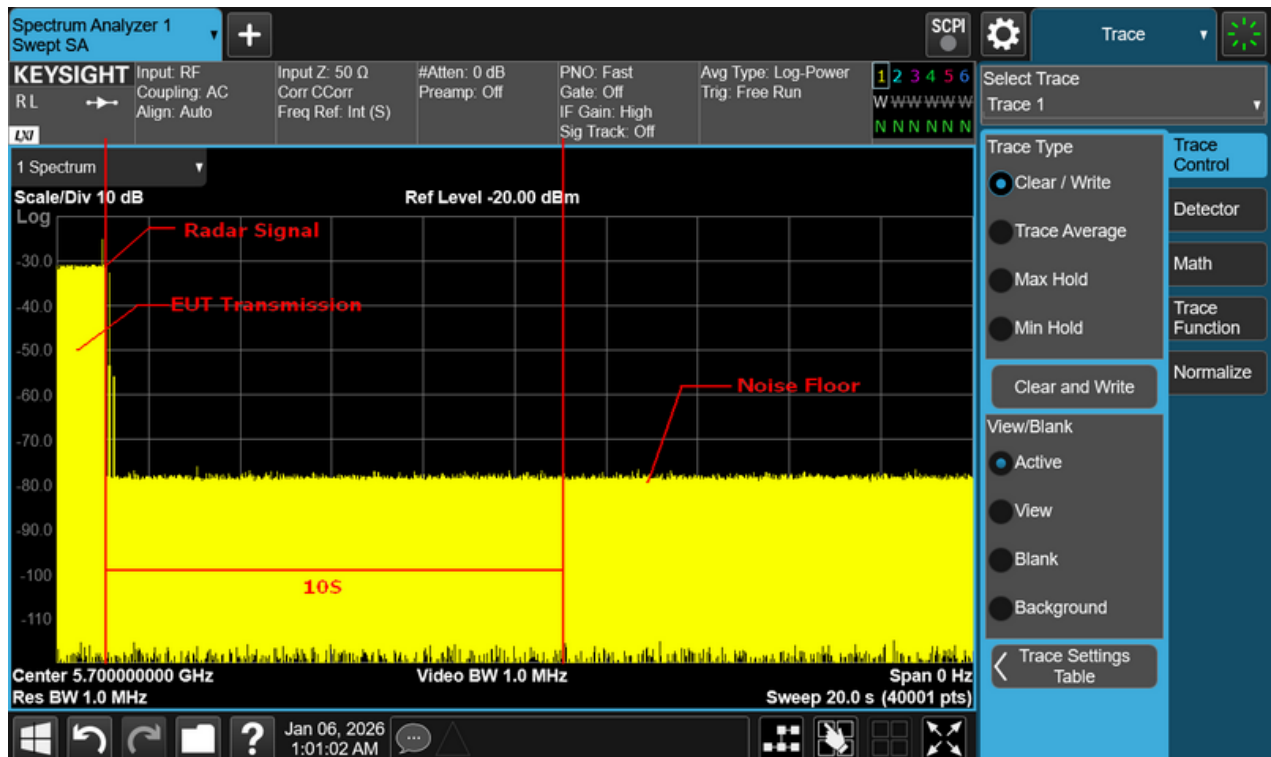
Type 8



Time Index Info

T0 : -0.0030 S (Radar Injection Start)	Time Per Bin: 0.4999875	Channel Move Time: 0.2429939 S
T1 : 0.0000 S (Radar Injection Stop)		
T2 : 0.0000 S (200msec Interval)	T2~T3 Bins Over Threshold:	Channel Close Time: 0.0204995 S
T3 : 0.2430 S (Channel Move Time)	= 41 Bins	

Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.



Note: An expanded plot for the device vacates the channel in the required 10s.

Type 1				
Trial #	Pluse per Burst	Pluse Width (us)	PRF [pps]	Detection (YES / NO)
1	18	0.5	720	YES
2	18	0.5	720	YES
3	18	0.5	720	YES
4	18	0.5	720	NO
5	18	0.5	720	YES
6	18	0.5	720	YES
7	18	0.5	720	YES
8	18	0.5	720	NO
9	18	0.5	720	YES
10	18	0.5	720	YES
11	18	0.5	720	YES
12	18	0.5	720	YES
13	18	0.5	720	YES
14	18	0.5	720	YES
15	18	0.5	720	YES
16	18	0.5	720	YES
17	18	0.5	720	YES
18	18	0.5	720	YES
19	18	0.5	720	YES
20	18	0.5	720	YES
				Detection Rate 90%

Type 2				
Trial #	Pluse per Burst	Pluse Width (us)	PRF [pps]	Detection (YES / NO)
1	18	1	700	YES
2	18	1	700	YES
3	18	1	700	YES
4	18	1	700	YES
5	18	1	700	YES
6	18	1	700	NO
7	18	1	700	YES
8	18	1	700	YES
9	18	1	700	YES
10	18	1	700	NO
11	18	1	700	YES
12	18	1	700	YES
13	18	1	700	YES
14	18	1	700	YES
15	18	1	700	YES
16	18	1	700	YES
17	18	1	700	YES
18	18	1	700	YES
19	18	1	700	YES
20	18	1	700	YES
				Detection Rate 90%

Type 3				
Trial #	Pluse per Burst	Pluse Width (us)	PRF [pps]	Detection (YES / NO)
1	18	2	250	YES
2	18	2	250	YES
3	18	2	250	YES
4	18	2	250	YES
5	18	2	250	YES
6	18	2	250	YES
7	18	2	250	YES
8	18	2	250	NO
9	18	2	250	YES
10	18	2	250	YES
11	18	2	250	YES
12	18	2	250	YES
13	18	2	250	YES
14	18	2	250	NO
15	18	2	250	YES
16	18	2	250	YES
17	18	2	250	YES
18	18	2	250	NO
19	18	2	250	YES
20	18	2	250	YES
1	18	2	250	YES
2	18	2	250	YES
3	18	2	250	YES
4	18	2	250	YES
5	18	2	250	YES
6	18	2	250	YES
7	18	2	250	YES
8	18	2	250	YES
9	18	2	250	YES
10	18	2	250	YES
11	18	2	250	YES
12	18	2	250	YES
13	18	2	250	YES
14	18	2	250	YES
15	18	2	250	YES
16	18	2	250	YES
17	18	2	250	YES
18	18	2	250	YES
19	18	2	250	YES
20	18	2	250	YES
				Detection Rate 93%

Type 4				
Trial #	Pluse per Burst	Pluse Width (us)	PRF [pps]	Detection (YES / NO)
1	26	4	5637	YES
2	23	1	4435	YES
3	24	2	4988	YES
4	29	5	6506	YES
5	28	5	6010	YES
6	26	3	5448	NO
7	26	4	5607	YES
8	25	3	5199	YES
9	26	4	5586	YES
10	23	1	4497	NO
11	27	5	6004	YES
12	29	5	6402	YES
13	26	4	5626	YES
14	25	2	5076	YES
15	29	5	6363	YES
16	26	3	5505	YES
17	29	5	6635	YES
18	25	3	5154	YES
19	26	3	5442	YES
20	25	2	5085	YES
				Detection Rate 90%

Type 5				
Trial #	Pluse per Burst	Pluse Width (us)	PRF [pps]	Detection (YES / NO)
1	17	9	3668	YES
2	16	6	2114	YES
3	16	7	2828	NO
4	18	10	4791	YES
5	18	10	4150	YES
6	17	8	3423	YES
7	17	9	3630	NO
8	17	8	3102	YES
9	17	9	3602	YES
10	16	6	2194	YES
11	18	10	4143	NO
12	18	10	4657	YES
13	17	9	3655	YES
14	16	7	2942	YES
15	18	10	4607	YES
16	17	8	3498	YES
17	18	10	4959	YES
18	17	8	3044	YES
19	17	8	3417	YES
20	16	7	2954	YES
1	17	9	3668	YES
2	16	6	2114	YES
3	16	7	2828	YES
4	18	10	4791	YES
5	18	10	4150	YES
6	17	8	3423	YES
7	17	9	3630	YES
8	17	8	3102	YES
9	17	9	3602	YES
10	16	6	2194	NO
11	18	10	4143	YES
12	18	10	4657	YES
13	17	9	3655	YES
14	16	7	2942	YES
15	18	10	4607	YES
16	17	8	3498	YES
17	18	10	4959	YES
18	17	8	3044	YES
19	17	8	3417	YES
20	16	7	2954	YES
				Detection Rate 90%

Type 6				
Trial #	Pluse per Burst	Pluse Width (us)	PRF [pps]	Detection (YES / NO)
1	14	17	3668	YES
2	12	11	2114	YES
3	13	14	2828	YES
4	16	20	4791	NO
5	15	18	4150	YES
6	14	16	3423	YES
7	14	16	3630	YES
8	13	15	3102	YES
9	14	16	3602	YES
10	12	11	2194	YES
11	15	18	4143	YES
12	16	20	4657	YES
13	14	17	3655	NO
14	13	14	2942	YES
15	16	20	4607	YES
16	14	16	3498	YES
17	16	20	4959	YES
18	13	14	3044	YES
19	14	16	3417	YES
20	13	14	2954	YES
				Detection Rate 90%

Type 7		
Trial #	Test Signal name	Detection(YES / NO)
1	LP_Signal_01	YES
2	LP_Signal_02	YES
3	LP_Signal_03	YES
4	LP_Signal_04	YES
5	LP_Signal_05	YES
6	LP_Signal_06	YES
7	LP_Signal_07	YES
8	LP_Signal_08	NO
9	LP_Signal_09	YES
10	LP_Signal_10	YES
11	LP_Signal_11	YES
12	LP_Signal_12	NO
13	LP_Signal_13	YES
14	LP_Signal_14	YES
15	LP_Signal_15	YES
16	LP_Signal_16	YES
17	LP_Signal_17	YES
18	LP_Signal_18	YES
19	LP_Signal_19	YES
20	LP_Signal_20	YES
		Detection Rate 90%

Type 8		
Tria #	Hoping Frequency Sequence Name	Detection(YES / NO)
1	HOP_FREQ_SEQ_01	YES
2	HOP_FREQ_SEQ_02	YES
3	HOP_FREQ_SEQ_03	YES
4	HOP_FREQ_SEQ_04	NO
5	HOP_FREQ_SEQ_05	YES
6	HOP_FREQ_SEQ_06	YES
7	HOP_FREQ_SEQ_07	NO
8	HOP_FREQ_SEQ_08	YES
9	HOP_FREQ_SEQ_09	YES
10	HOP_FREQ_SEQ_10	YES
11	HOP_FREQ_SEQ_11	YES
12	HOP_FREQ_SEQ_12	YES
13	HOP_FREQ_SEQ_13	NO
14	HOP_FREQ_SEQ_14	YES
15	HOP_FREQ_SEQ_15	YES
16	HOP_FREQ_SEQ_16	YES
17	HOP_FREQ_SEQ_17	YES
18	HOP_FREQ_SEQ_18	YES
19	HOP_FREQ_SEQ_19	YES
20	HOP_FREQ_SEQ_20	YES
		Detection Rate 85%

IEEE 802.11ac(VHT40) - 5670MHz

Short Pulse Radar Test Waveforms

Radar signal	Pass times	Fail times	Probability	Limit
Type 1	37	3	93%	60%
Type 2	18	2	90%	60%
Type 3	36	4	90%	60%
Type 4	18	2	90%	60%
Type 5	18	2	90%	60%
Type 6	37	3	93%	60%
Aggregate (Radar Signals 1-6)			91%	80%

Long Pulse Radar Test Waveform

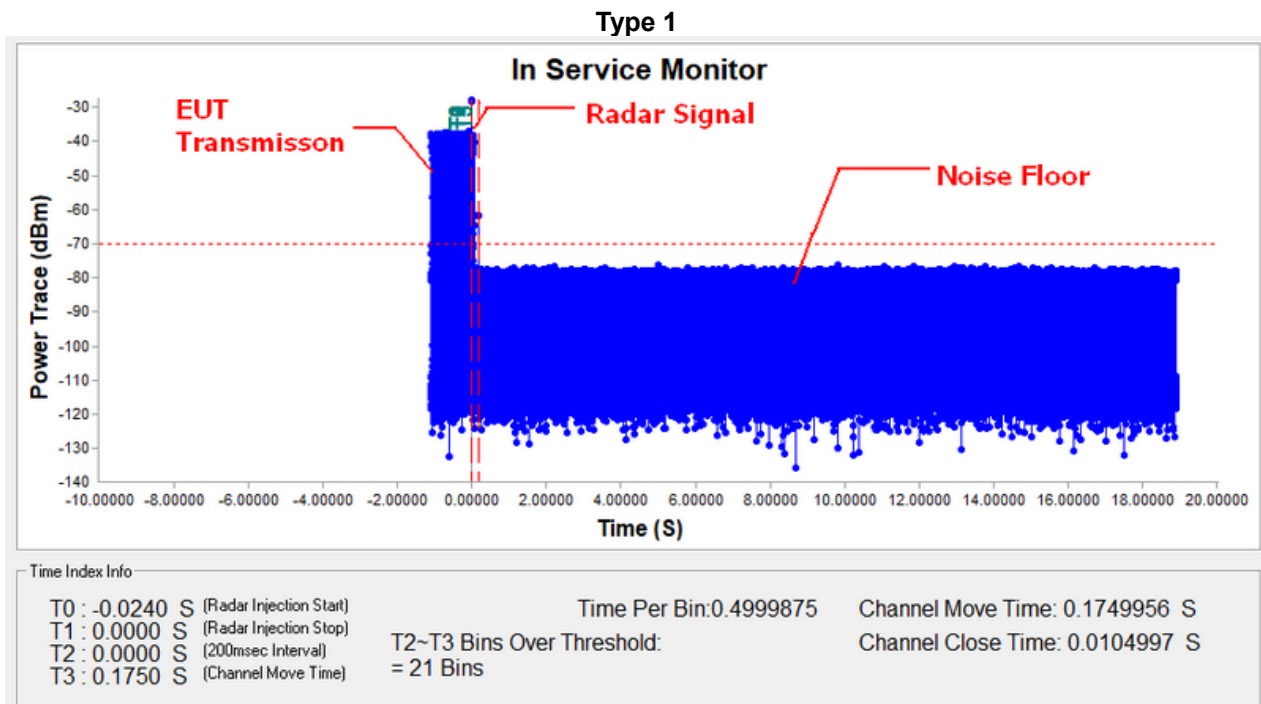
Radar signal	Pass times	Fail times	Probability	Limit
Type 7	18	2	90%	80%

Frequency Hopping Radar Test Waveform

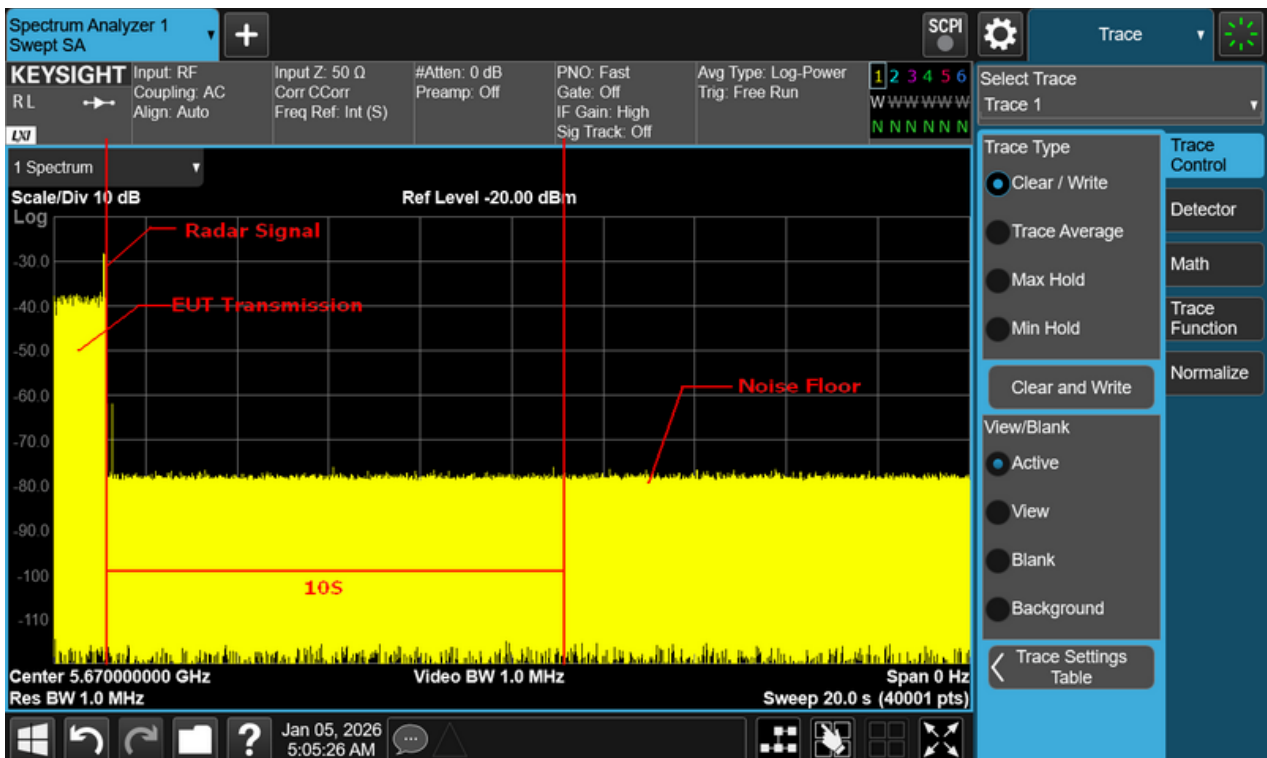
Radar signal	Pass times	Fail times	Probability	Limit
Type 8	16	4	80%	70%

Radar Signal	Channel Closing Transmission Time (s)	Limit	Result
Type 1	0.0104997	$\leq 0.26s$	Pass
Type 2	0.0129997	$\leq 0.26s$	Pass
Type 3	0.0039999	$\leq 0.26s$	Pass
Type 4	0.0119997	$\leq 0.26s$	Pass
Type 5	0.0109997	$\leq 0.26s$	Pass
Type 6	0.0264993	$\leq 0.26s$	Pass
Type 7	0.0229994	$\leq 0.26s$	Pass
Type 8	0.0094998	$\leq 0.26s$	Pass

Radar Signal	Channel Move Time (s)	Limit	Result
Type 1	0.1749956	$\leq 10s$	Pass
Type 2	0.1779956	$\leq 10s$	Pass
Type 3	0.1019975	$\leq 10s$	Pass
Type 4	0.120997	$\leq 10s$	Pass
Type 5	0.0769981	$\leq 10s$	Pass
Type 6	3.7734057	$\leq 10s$	Pass
Type 7	0.038999	$\leq 10s$	Pass
Type 8	0.158996	$\leq 10s$	Pass

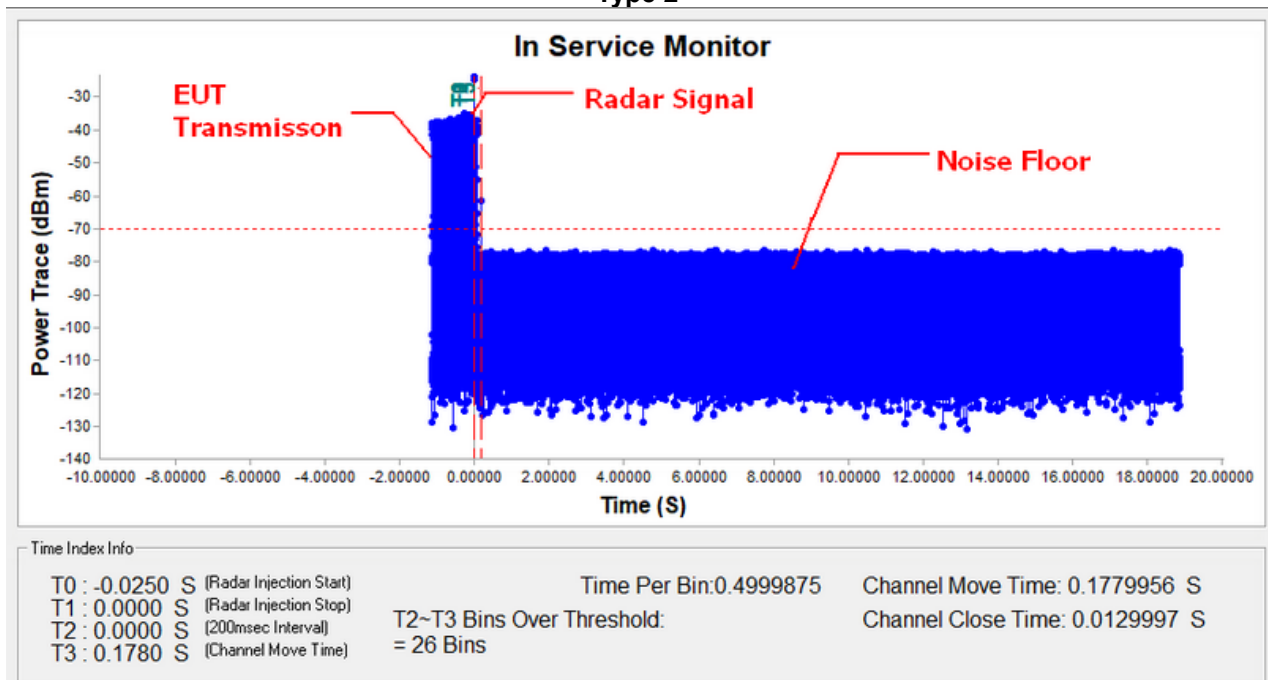


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

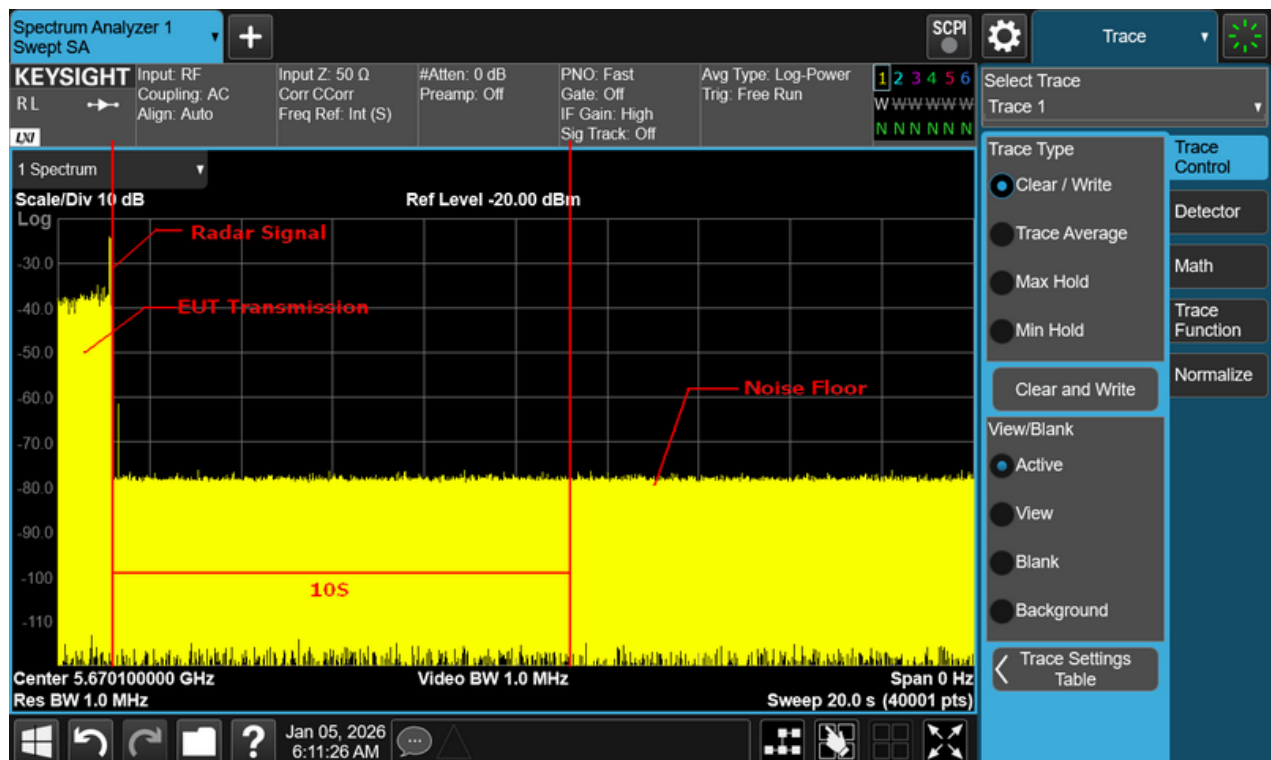


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 2

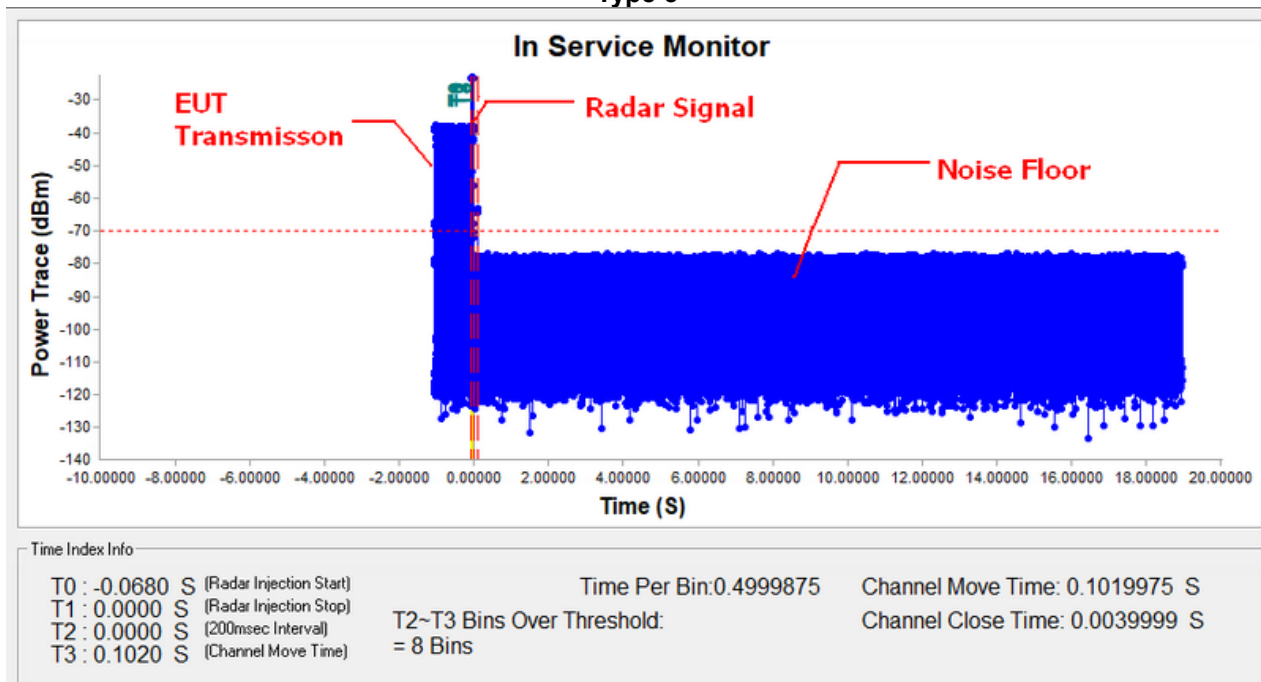


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

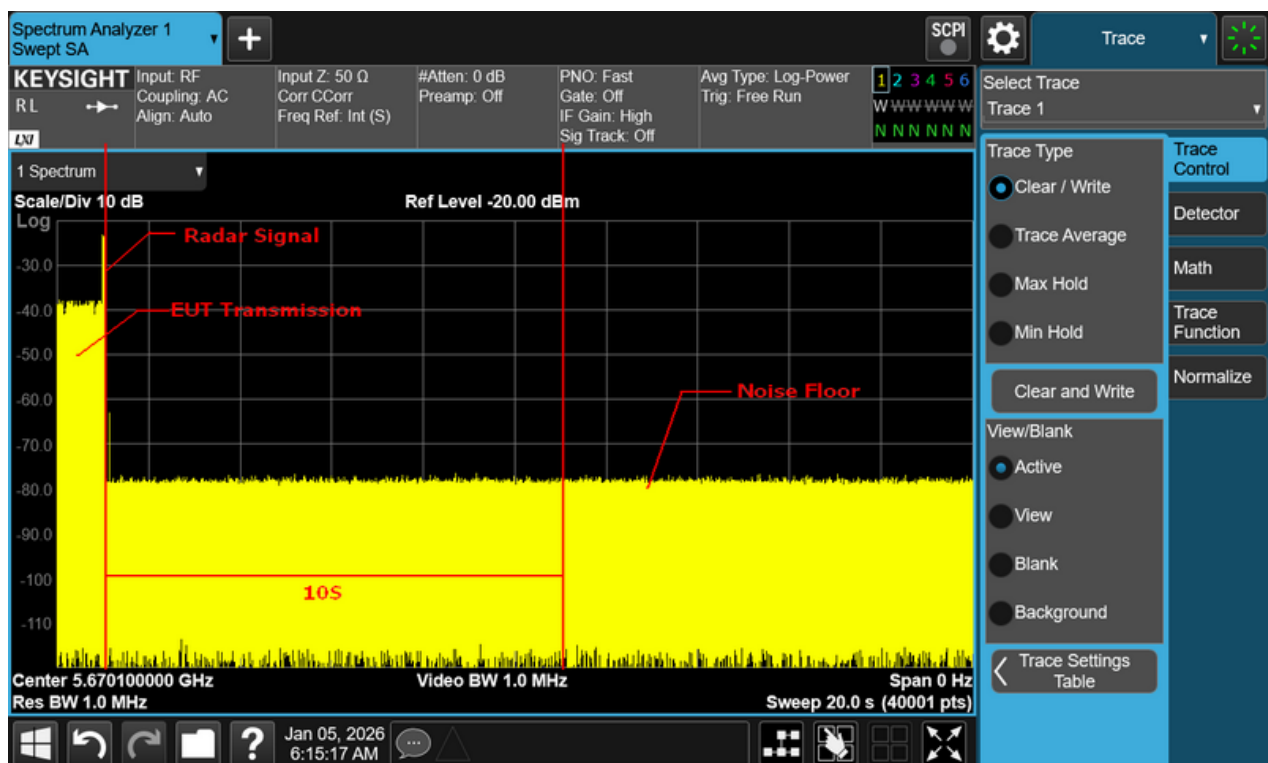


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 3

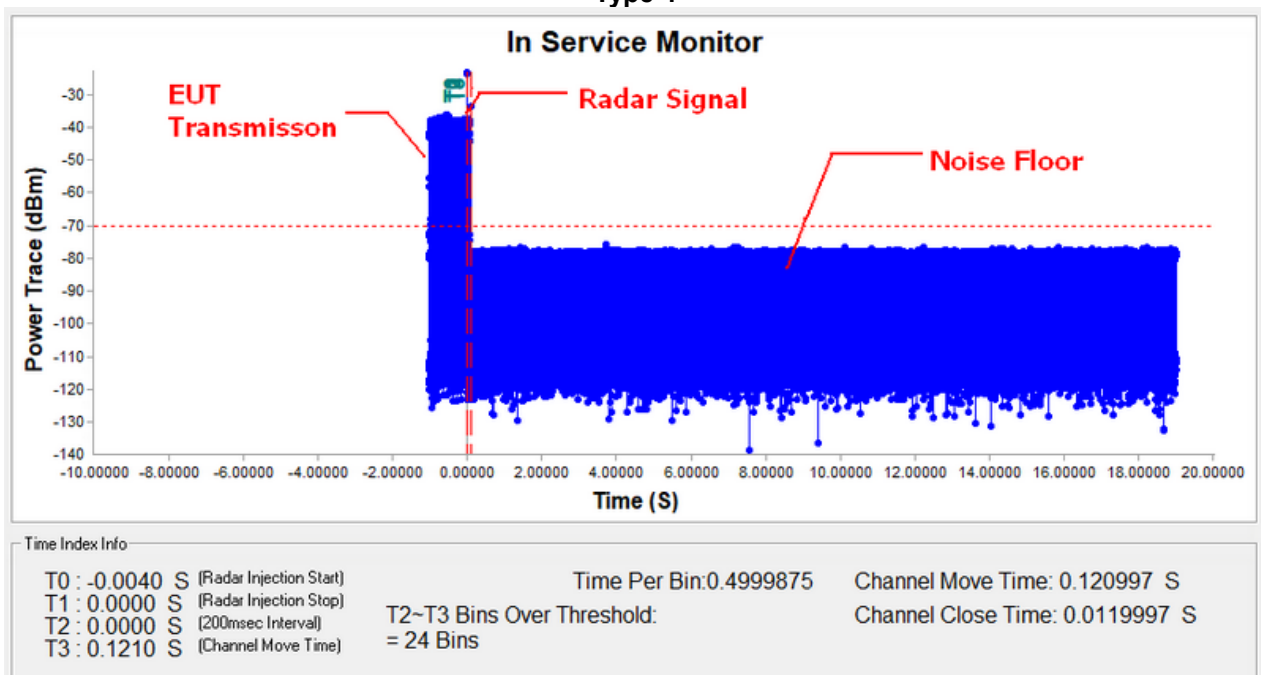


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

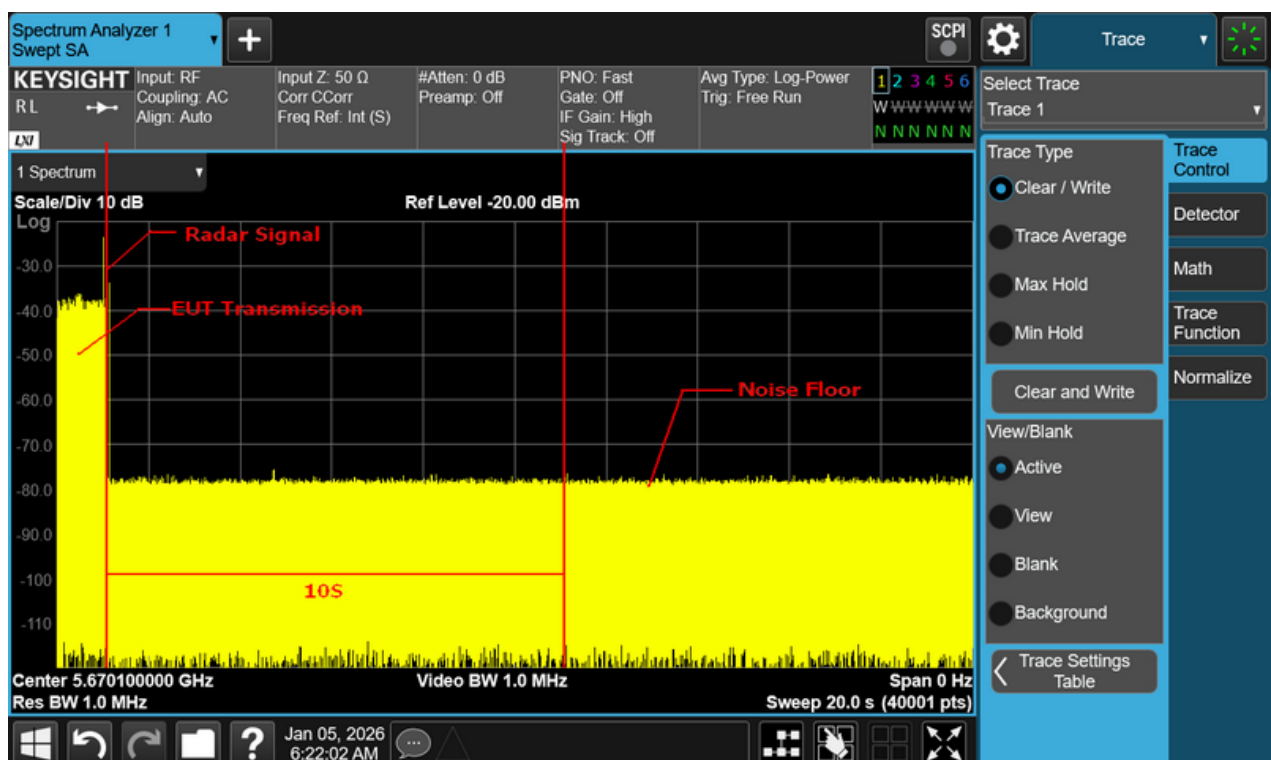


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 4

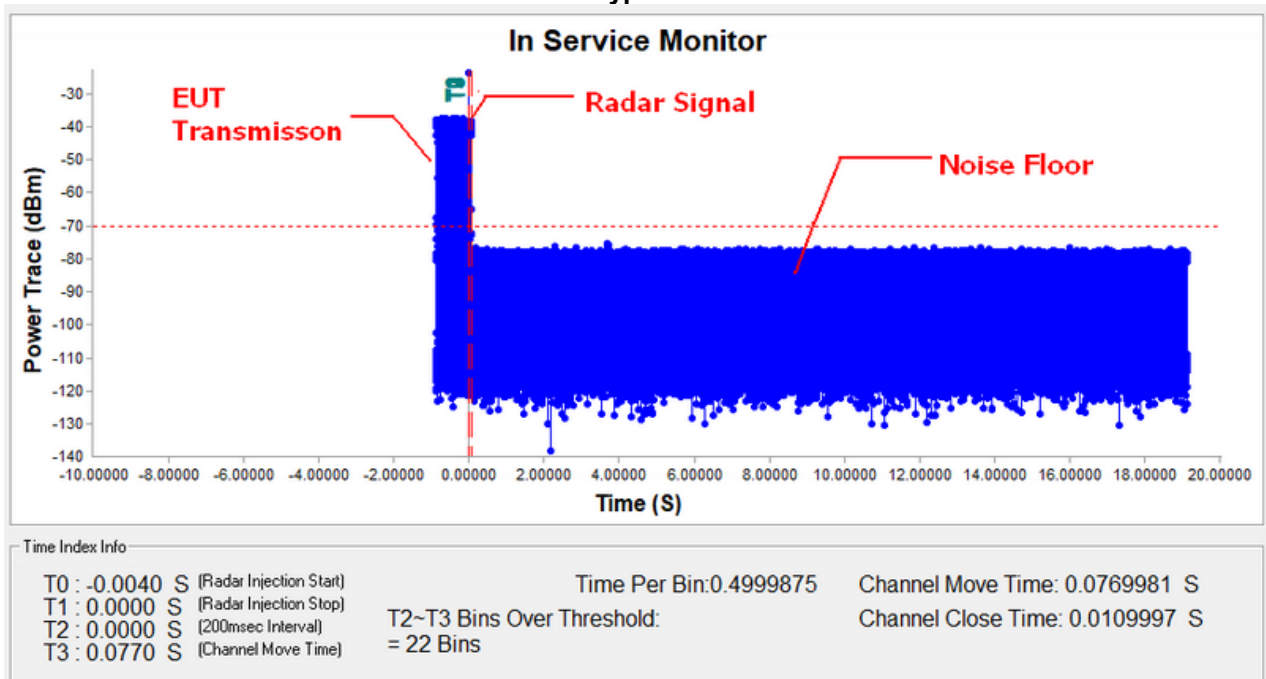


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

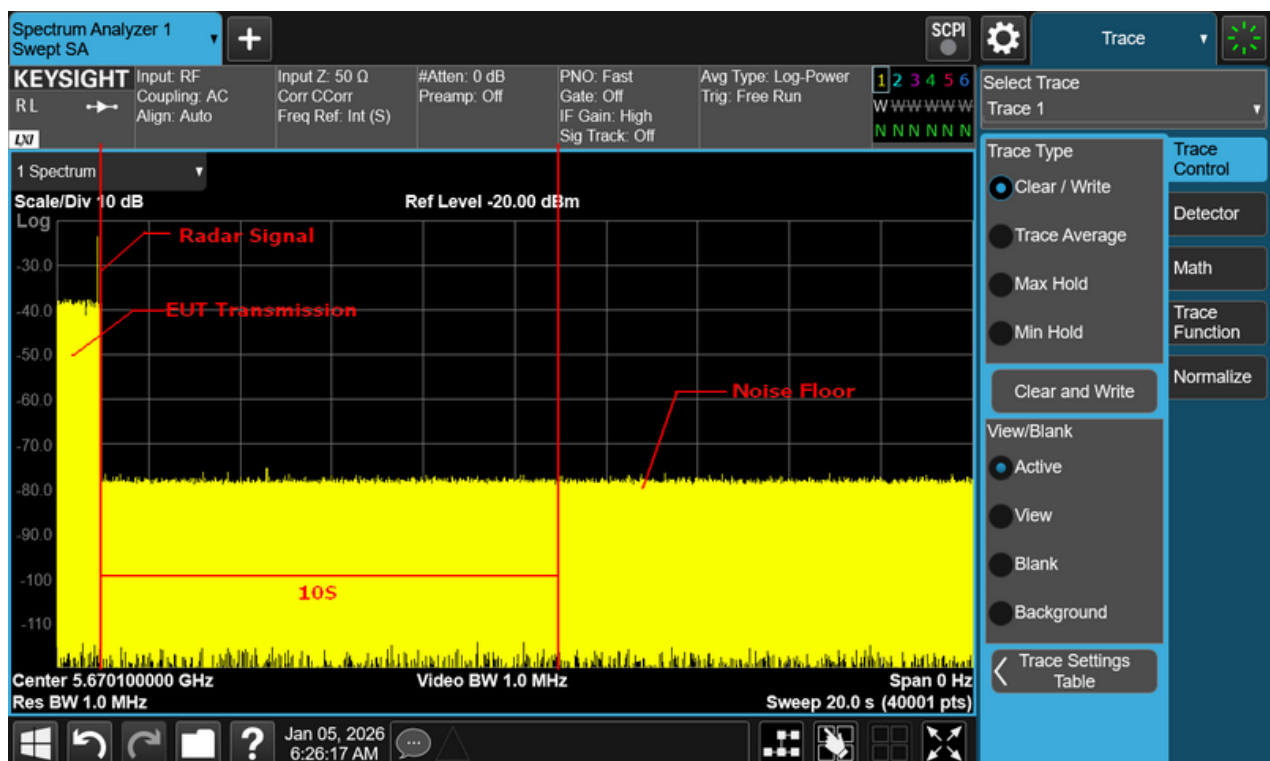


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 5

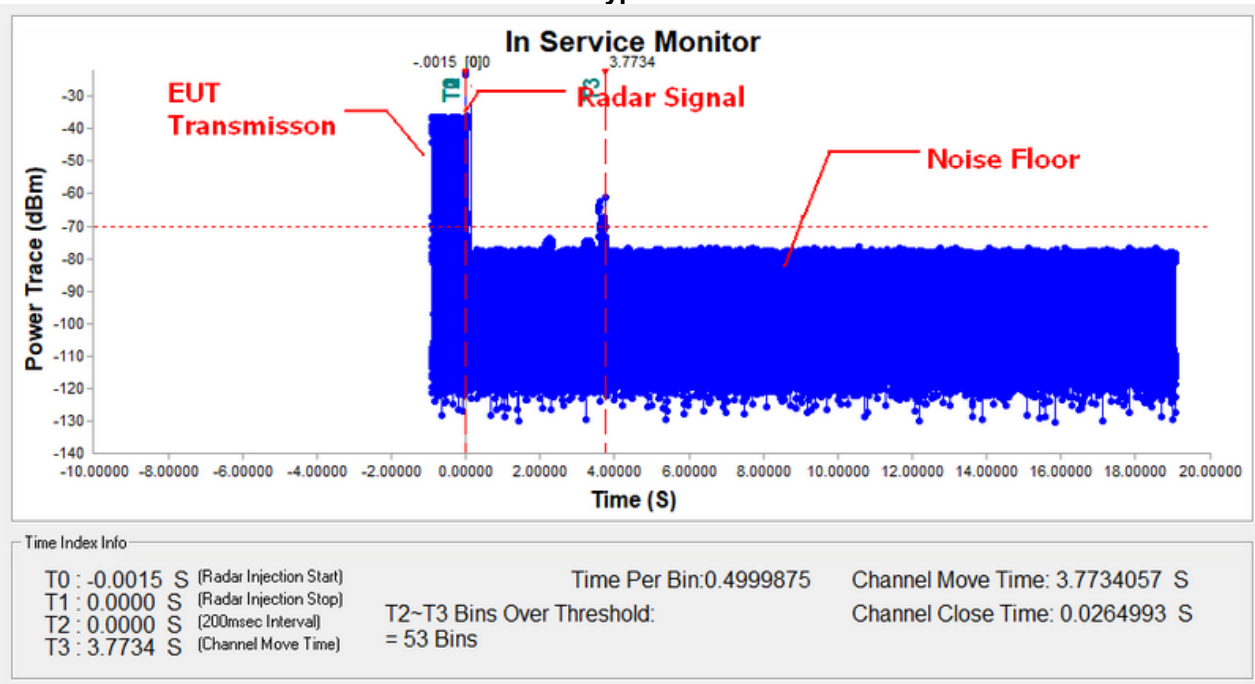


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

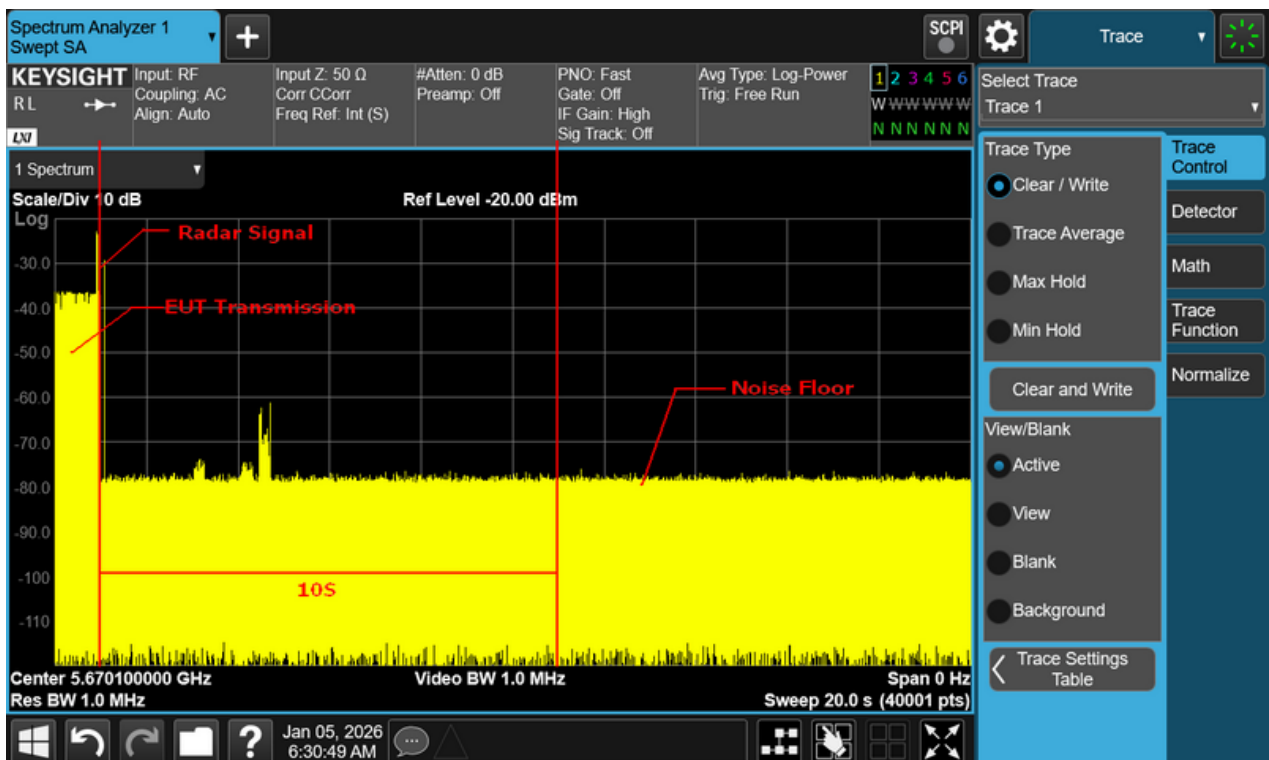


Note: An expanded plot for the device vacates the channel in the required 10s.

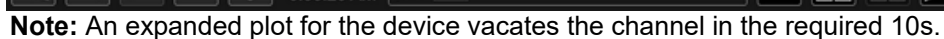
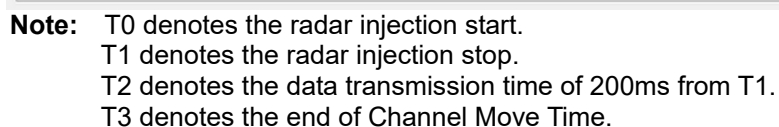
Type 6



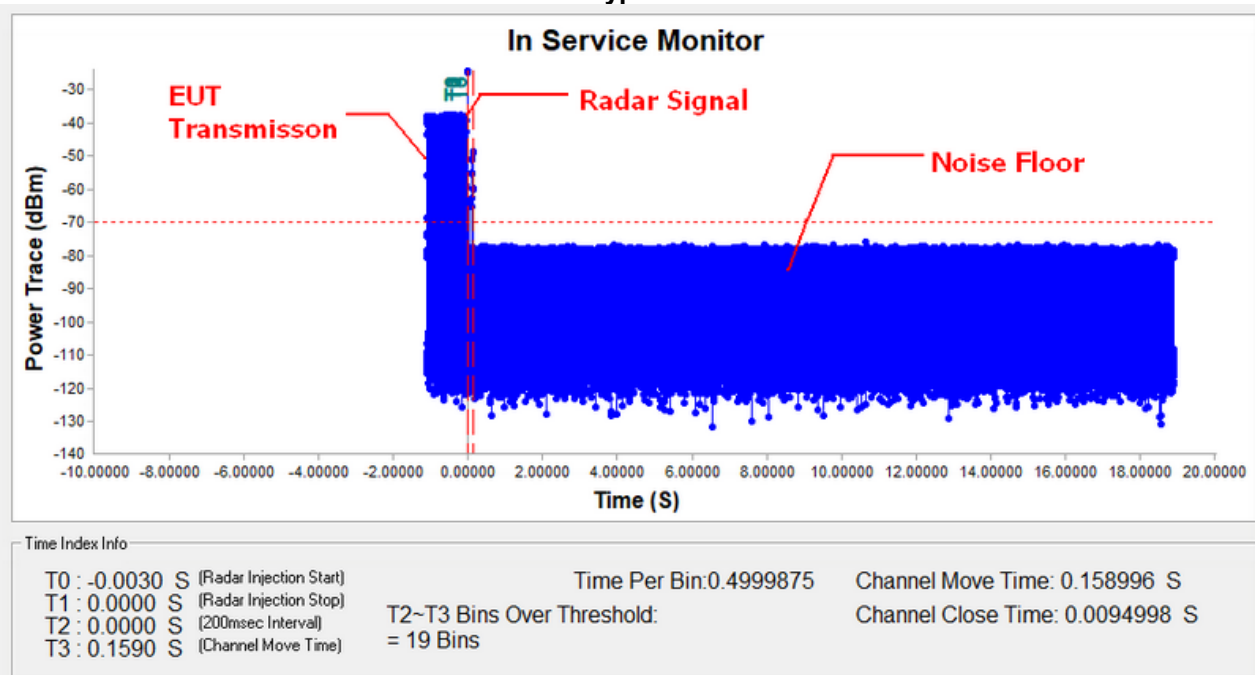
Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.



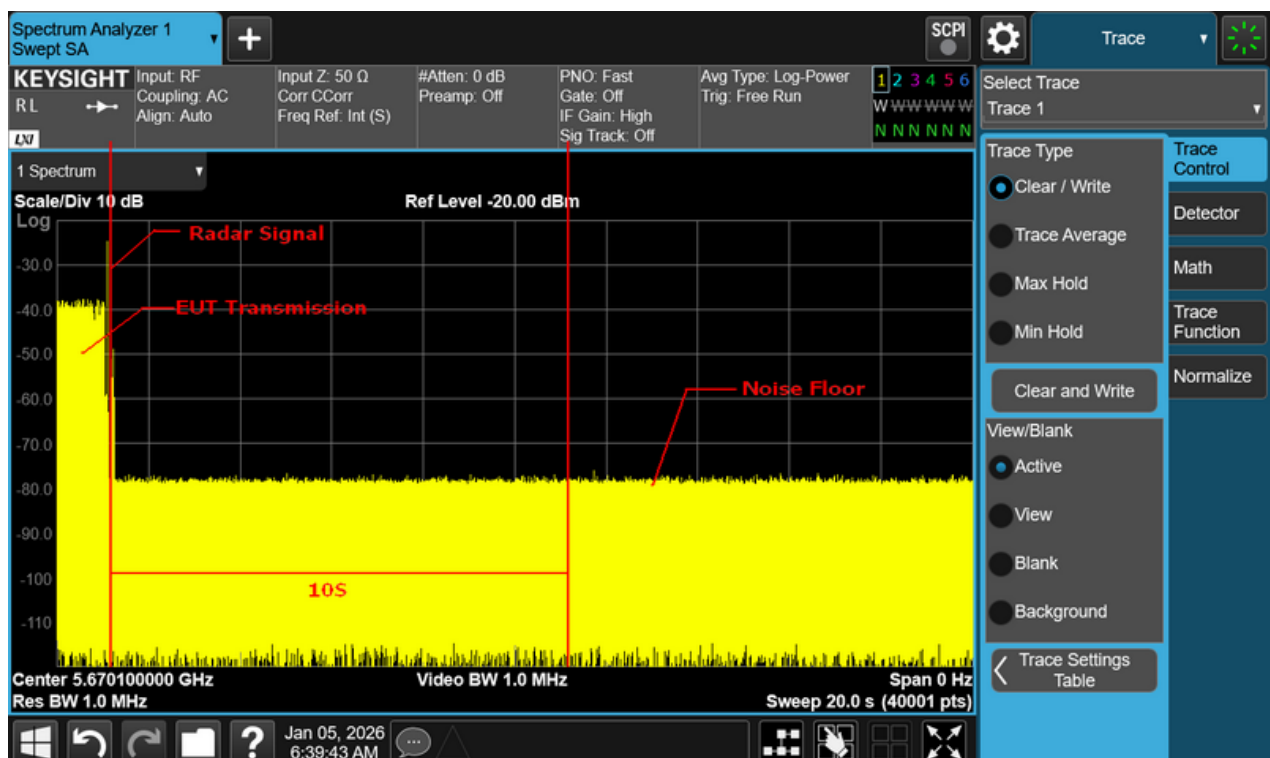
Note: An expanded plot for the device vacates the channel in the required 10s.



Type 8



Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.



Note: An expanded plot for the device vacates the channel in the required 10s.

Type 1				
Trial #	Pluse per Burst	Pluse Width (us)	PRF [pps]	Detection (YES / NO)
1	18	0.5	720	YES
2	18	0.5	720	YES
3	18	0.5	720	YES
4	18	0.5	720	YES
5	18	0.5	720	YES
6	18	0.5	720	YES
7	18	0.5	720	NO
8	18	0.5	720	YES
9	18	0.5	720	YES
10	18	0.5	720	YES
11	18	0.5	720	NO
12	18	0.5	720	YES
13	18	0.5	720	YES
14	18	0.5	720	YES
15	18	0.5	720	NO
16	18	0.5	720	YES
17	18	0.5	720	YES
18	18	0.5	720	YES
19	18	0.5	720	YES
20	18	0.5	720	YES
1	18	0.5	720	YES
2	18	0.5	720	YES
3	18	0.5	720	YES
4	18	0.5	720	YES
5	18	0.5	720	YES
6	18	0.5	720	YES
7	18	0.5	720	YES
8	18	0.5	720	YES
9	18	0.5	720	YES
10	18	0.5	720	YES
11	18	0.5	720	YES
12	18	0.5	720	YES
13	18	0.5	720	YES
14	18	0.5	720	YES
15	18	0.5	720	YES
16	18	0.5	720	YES
17	18	0.5	720	YES
18	18	0.5	720	YES
19	18	0.5	720	YES
20	18	0.5	720	YES
				Detection Rate 93%

Type 2				
Trial #	Pluse per Burst	Pluse Width (us)	PRF [pps]	Detection (YES / NO)
1	18	1	700	YES
2	18	1	700	YES
3	18	1	700	YES
4	18	1	700	YES
5	18	1	700	YES
6	18	1	700	YES
7	18	1	700	YES
8	18	1	700	YES
9	18	1	700	YES
10	18	1	700	NO
11	18	1	700	YES
12	18	1	700	YES
13	18	1	700	YES
14	18	1	700	YES
15	18	1	700	NO
16	18	1	700	YES
17	18	1	700	YES
18	18	1	700	YES
19	18	1	700	YES
20	18	1	700	YES
				Detection Rate 90%

Type 3				
Trial #	Pluse per Burst	Pluse Width (us)	PRF [pps]	Detection (YES / NO)
1	18	2	250	YES
2	18	2	250	YES
3	18	2	250	YES
4	18	2	250	NO
5	18	2	250	YES
6	18	2	250	YES
7	18	2	250	YES
8	18	2	250	YES
9	18	2	250	YES
10	18	2	250	NO
11	18	2	250	YES
12	18	2	250	YES
13	18	2	250	YES
14	18	2	250	YES
15	18	2	250	NO
16	18	2	250	YES
17	18	2	250	YES
18	18	2	250	YES
19	18	2	250	YES
20	18	2	250	YES
1	18	2	250	YES
2	18	2	250	YES
3	18	2	250	YES
4	18	2	250	YES
5	18	2	250	YES
6	18	2	250	YES
7	18	2	250	YES
8	18	2	250	YES
9	18	2	250	YES
10	18	2	250	NO
11	18	2	250	YES
12	18	2	250	YES
13	18	2	250	YES
14	18	2	250	YES
15	18	2	250	YES
16	18	2	250	YES
17	18	2	250	YES
18	18	2	250	YES
19	18	2	250	YES
20	18	2	250	YES
				Detection Rate 90%

Type 4				
Trial #	Pluse per Burst	Pluse Width (us)	PRF [pps]	Detection (YES / NO)
1	26	4	5637	YES
2	23	1	4435	YES
3	24	2	4988	YES
4	29	5	6506	YES
5	28	5	6010	YES
6	26	3	5448	NO
7	26	4	5607	YES
8	25	3	5199	YES
9	26	4	5586	YES
10	23	1	4497	NO
11	27	5	6004	YES
12	29	5	6402	YES
13	26	4	5626	YES
14	25	2	5076	YES
15	29	5	6363	YES
16	26	3	5505	YES
17	29	5	6635	YES
18	25	3	5154	YES
19	26	3	5442	YES
20	25	2	5085	YES
				Detection Rate 90%

Type 5				
Trial #	Pluse per Burst	Pluse Width (us)	PRF [pps]	Detection (YES / NO)
1	17	9	3668	YES
2	16	6	2114	YES
3	16	7	2828	YES
4	18	10	4791	YES
5	18	10	4150	YES
6	17	8	3423	YES
7	17	9	3630	YES
8	17	8	3102	YES
9	17	9	3602	NO
10	16	6	2194	YES
11	18	10	4143	YES
12	18	10	4657	YES
13	17	9	3655	YES
14	16	7	2942	YES
15	18	10	4607	YES
16	17	8	3498	YES
17	18	10	4959	NO
18	17	8	3044	YES
19	17	8	3417	YES
20	16	7	2954	YES
				Detection Rate 90%

Type 6				
Trial #	Pluse per Burst	Pluse Width (us)	PRF [pps]	Detection (YES / NO)
1	14	17	3668	YES
2	12	11	2114	YES
3	13	14	2828	YES
4	16	20	4791	YES
5	15	18	4150	YES
6	14	16	3423	YES
7	14	16	3630	YES
8	13	15	3102	YES
9	14	16	3602	NO
10	12	11	2194	YES
11	15	18	4143	YES
12	16	20	4657	YES
13	14	17	3655	YES
14	13	14	2942	NO
15	16	20	4607	YES
16	14	16	3498	YES
17	16	20	4959	YES
18	13	14	3044	NO
19	14	16	3417	YES
20	13	14	2954	YES
1	14	17	3668	YES
2	12	11	2114	YES
3	13	14	2828	YES
4	16	20	4791	YES
5	15	18	4150	YES
6	14	16	3423	YES
7	14	16	3630	YES
8	13	15	3102	YES
9	14	16	3602	YES
10	12	11	2194	YES
11	15	18	4143	YES
12	16	20	4657	YES
13	14	17	3655	YES
14	13	14	2942	YES
15	16	20	4607	YES
16	14	16	3498	YES
17	16	20	4959	YES
18	13	14	3044	YES
19	14	16	3417	YES
20	13	14	2954	YES
				Detection Rate 93%

Type 7		
Trial #	Test Signal name	Detection(YES / NO)
1	LP_Signal_01	YES
2	LP_Signal_02	YES
3	LP_Signal_03	YES
4	LP_Signal_04	YES
5	LP_Signal_05	NO
6	LP_Signal_06	YES
7	LP_Signal_07	YES
8	LP_Signal_08	YES
9	LP_Signal_09	YES
10	LP_Signal_10	YES
11	LP_Signal_11	YES
12	LP_Signal_12	YES
13	LP_Signal_13	NO
14	LP_Signal_14	YES
15	LP_Signal_15	YES
16	LP_Signal_16	YES
17	LP_Signal_17	YES
18	LP_Signal_18	YES
19	LP_Signal_19	YES
20	LP_Signal_01	YES
		Detection Rate 90%

Type 8		
Trial #	Hoping Frequency Sequence Name	Detection(YES / NO)
1	HOP_FREQ_SEQ_01	YES
2	HOP_FREQ_SEQ_02	YES
3	HOP_FREQ_SEQ_03	YES
4	HOP_FREQ_SEQ_04	YES
5	HOP_FREQ_SEQ_05	YES
6	HOP_FREQ_SEQ_06	NO
7	HOP_FREQ_SEQ_07	YES
8	HOP_FREQ_SEQ_08	YES
9	HOP_FREQ_SEQ_09	NO
10	HOP_FREQ_SEQ_10	YES
11	HOP_FREQ_SEQ_11	YES
12	HOP_FREQ_SEQ_12	YES
13	HOP_FREQ_SEQ_13	NO
14	HOP_FREQ_SEQ_14	YES
15	HOP_FREQ_SEQ_15	YES
16	HOP_FREQ_SEQ_16	YES
17	HOP_FREQ_SEQ_17	NO
18	HOP_FREQ_SEQ_18	YES
19	HOP_FREQ_SEQ_19	YES
20	HOP_FREQ_SEQ_20	YES
		Detection Rate 80%

IEEE 802.11ax(HE80) - 5530MHz

Short Pulse Radar Test Waveforms

Radar signal	Pass times	Fail times	Probability	Limit
Type 1	18	2	90%	60%
Type 2	18	2	90%	60%
Type 3	18	2	90%	60%
Type 4	37	3	93%	60%
Type 5	36	4	90%	60%
Type 6	18	2	90%	60%
Aggregate (Radar Signals 1-6)			90%	80%

Long Pulse Radar Test Waveform

Radar signal	Pass times	Fail times	Probability	Limit
Type 7	18	2	90%	80%

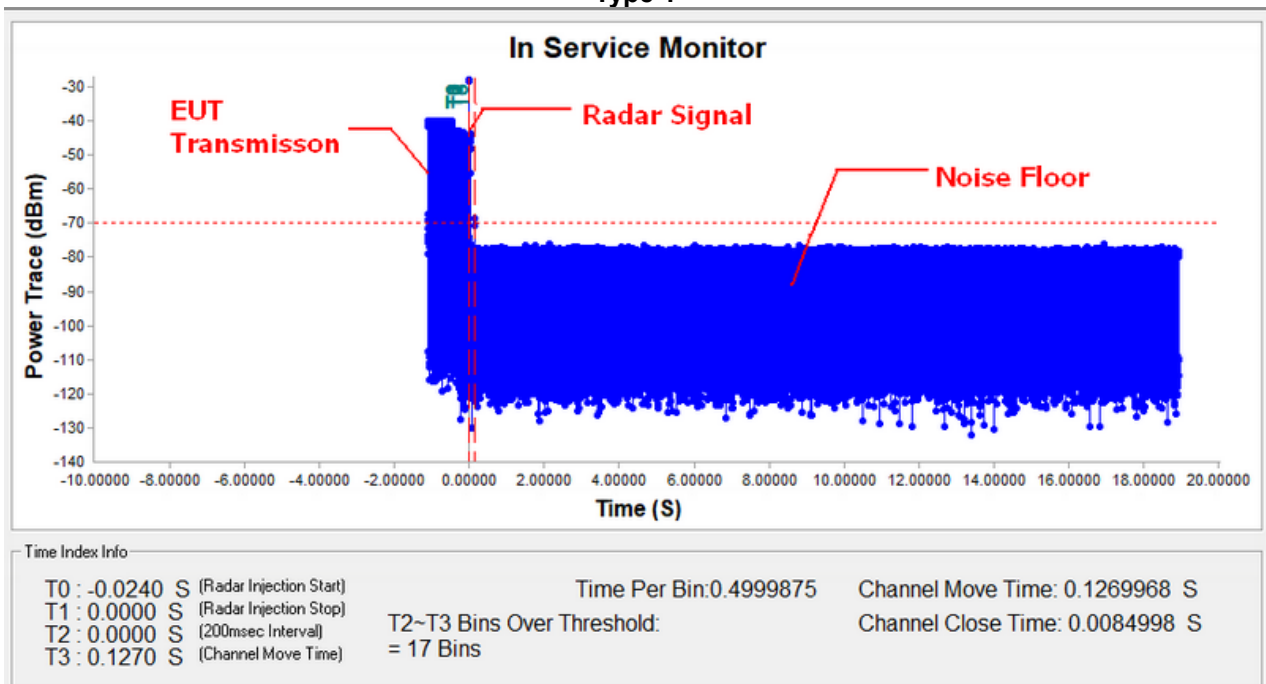
Frequency Hopping Radar Test Waveform

Radar signal	Pass times	Fail times	Probability	Limit
Type 8	17	3	85%	70%

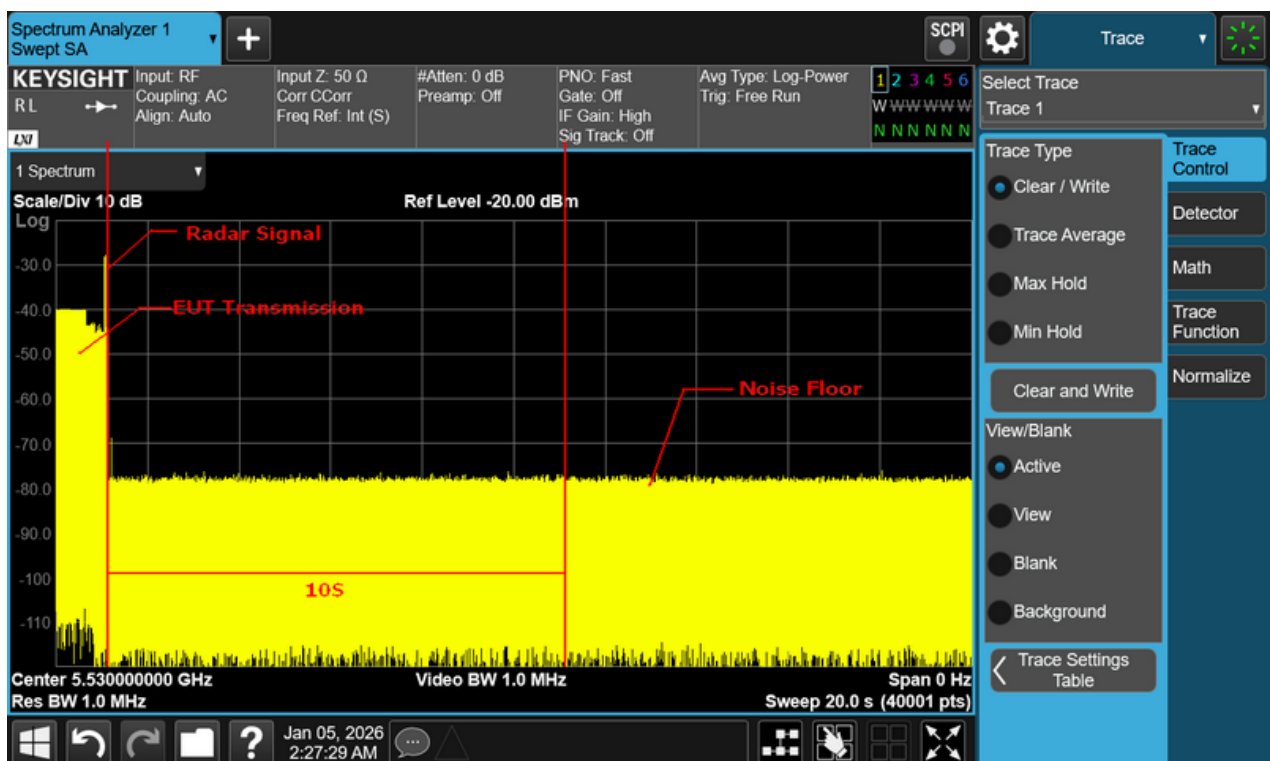
Radar Signal	Channel Closing Transmission Time (s)	Limit	Result
Type 1	0.0084998	$\leq 0.26s$	Pass
Type 2	0.0099998	$\leq 0.26s$	Pass
Type 3	0.0039999	$\leq 0.26s$	Pass
Type 4	0.0449989	$\leq 0.26s$	Pass
Type 5	0.0204995	$\leq 0.26s$	Pass
Type 6	0.0219995	$\leq 0.26s$	Pass
Type 7	0.002	$\leq 0.26s$	Pass
Type 8	0.0359991	$\leq 0.26s$	Pass

Radar Signal	Channel Move Time (s)	Limit	Result
Type 1	0.1269968	$\leq 10s$	Pass
Type 2	0.081998	$\leq 10s$	Pass
Type 3	0.1229969	$\leq 10s$	Pass
Type 4	0.0649984	$\leq 10s$	Pass
Type 5	0.1429964	$\leq 10s$	Pass
Type 6	0.2159946	$\leq 10s$	Pass
Type 7	0.0269993	$\leq 10s$	Pass
Type 8	0.2579936	$\leq 10s$	Pass

Type 1

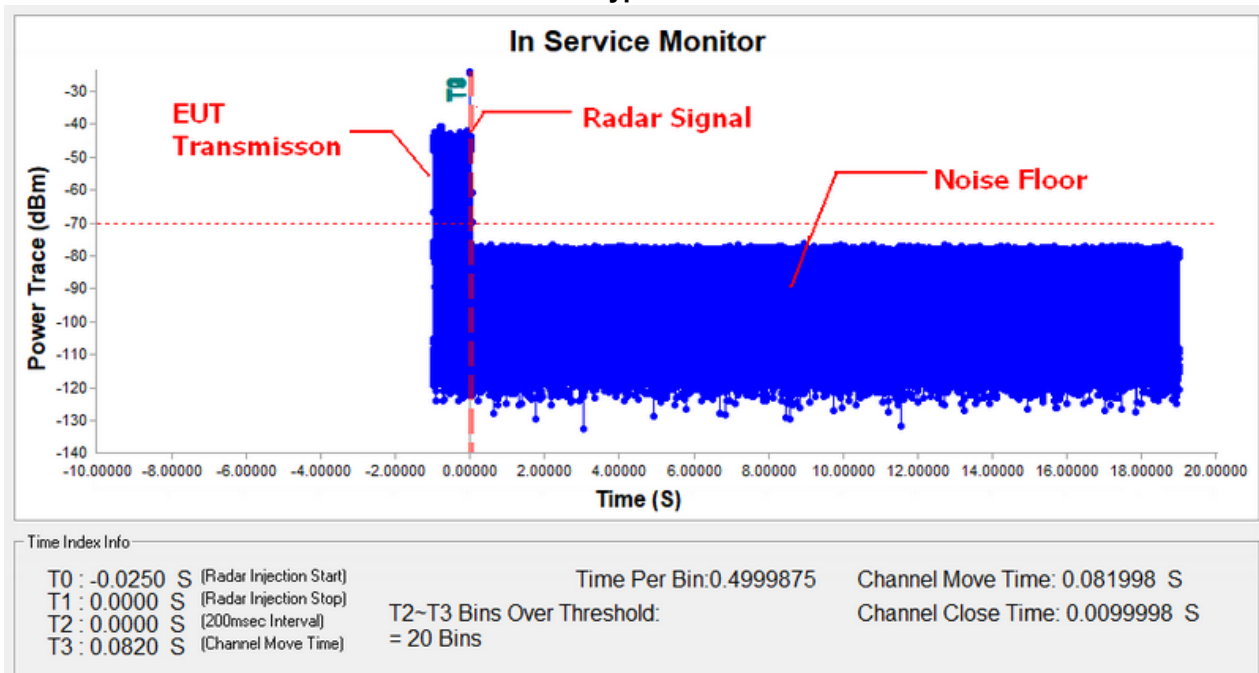


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

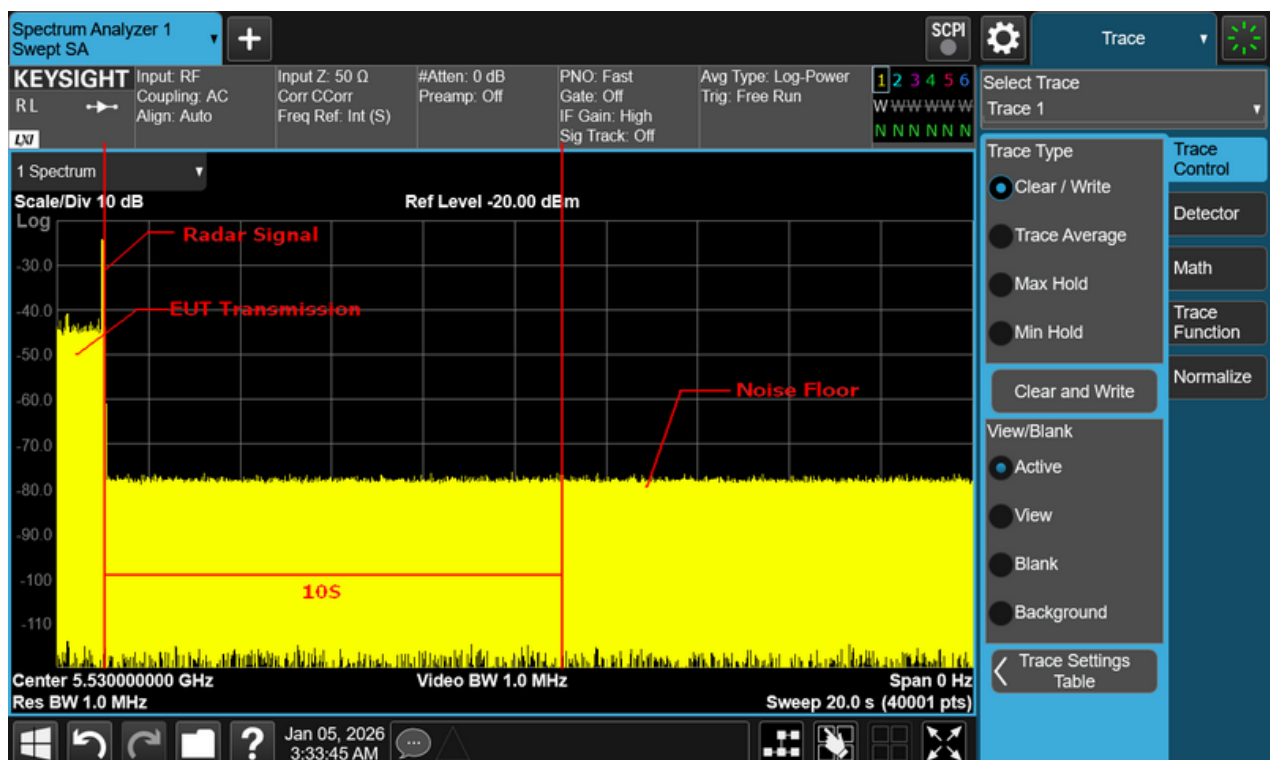


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 2



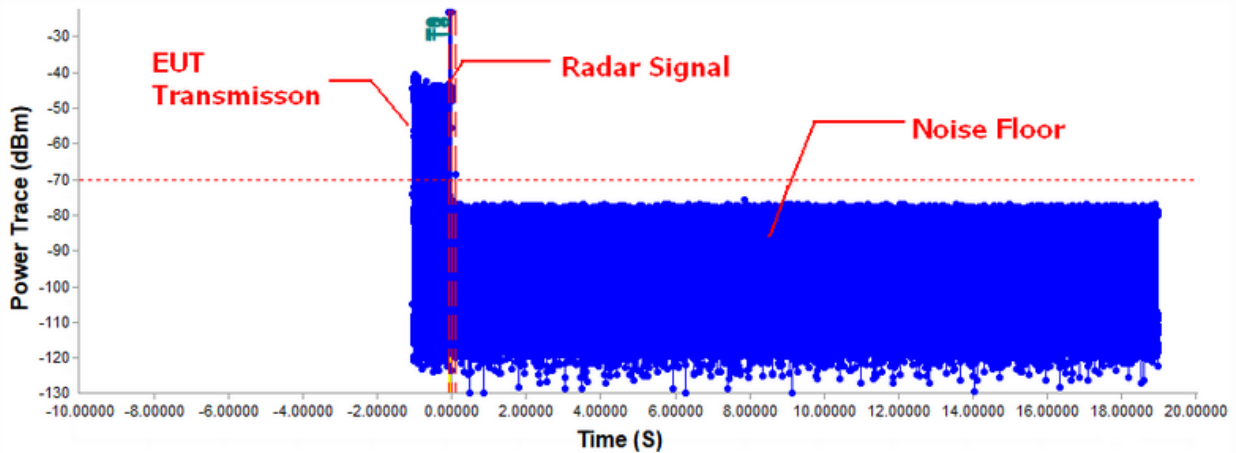
Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.



Note: An expanded plot for the device vacates the channel in the required 10s.

Type 3

In Service Monitor



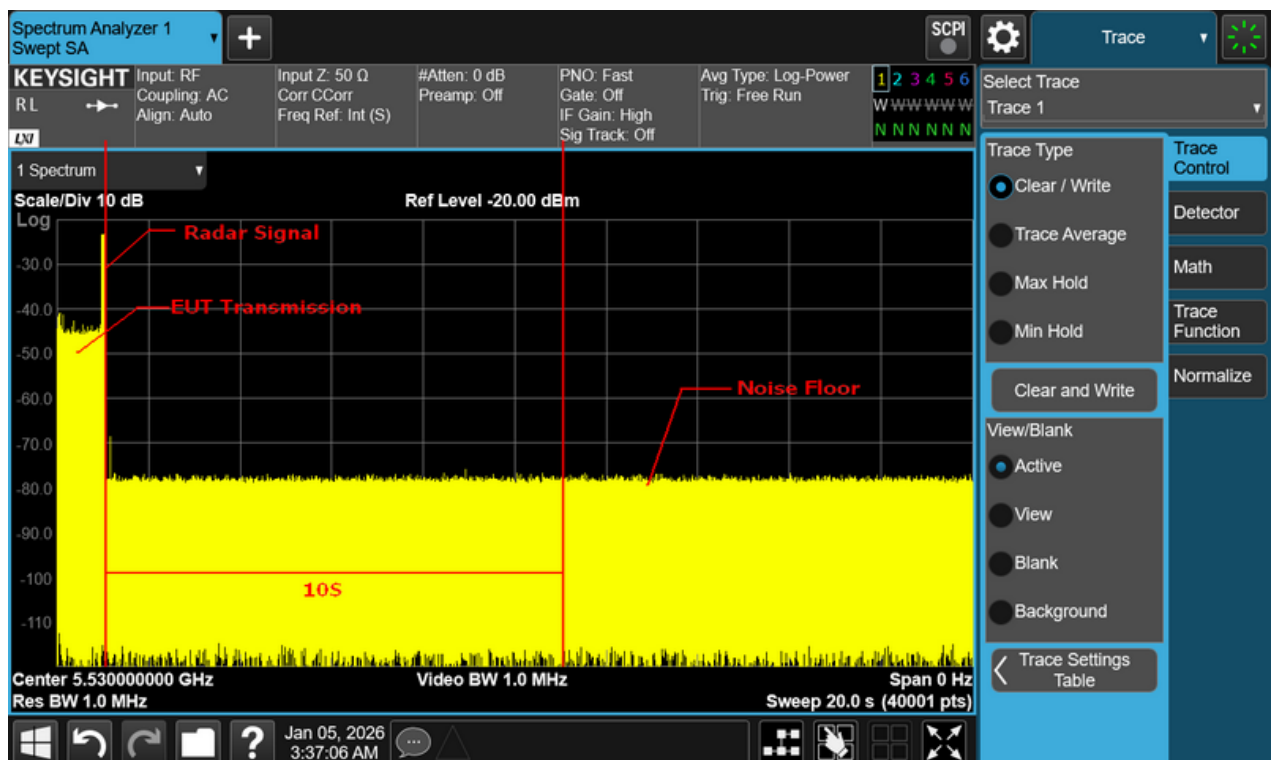
Time Index Info

T0 : -0.0680 S (Radar Injection Start)
 T1 : 0.0000 S (Radar Injection Stop)
 T2 : 0.0000 S (200msec Interval)
 T3 : 0.1230 S (Channel Move Time)

Time Per Bin: 0.4999875
 T2~T3 Bins Over Threshold:
 = 8 Bins

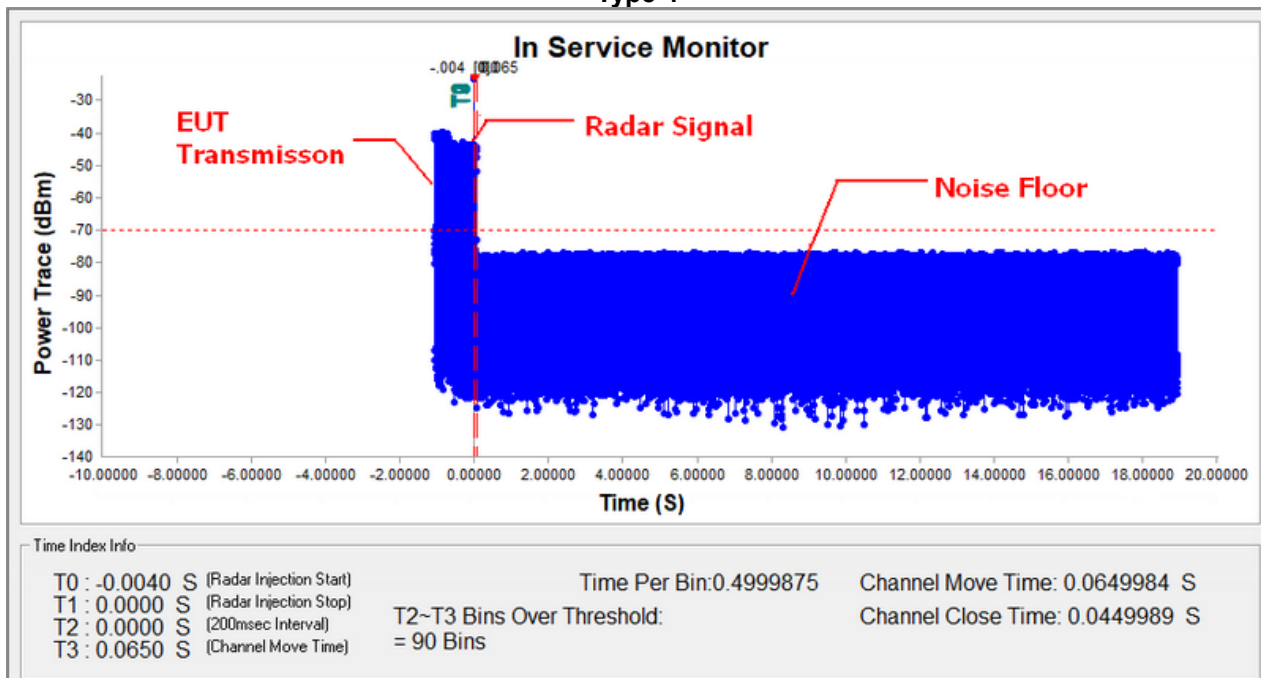
Channel Move Time: 0.1229969 S
 Channel Close Time: 0.0039999 S

Note: T0 denotes the radar injection start.
 T1 denotes the radar injection stop.
 T2 denotes the data transmission time of 200ms from T1.
 T3 denotes the end of Channel Move Time.

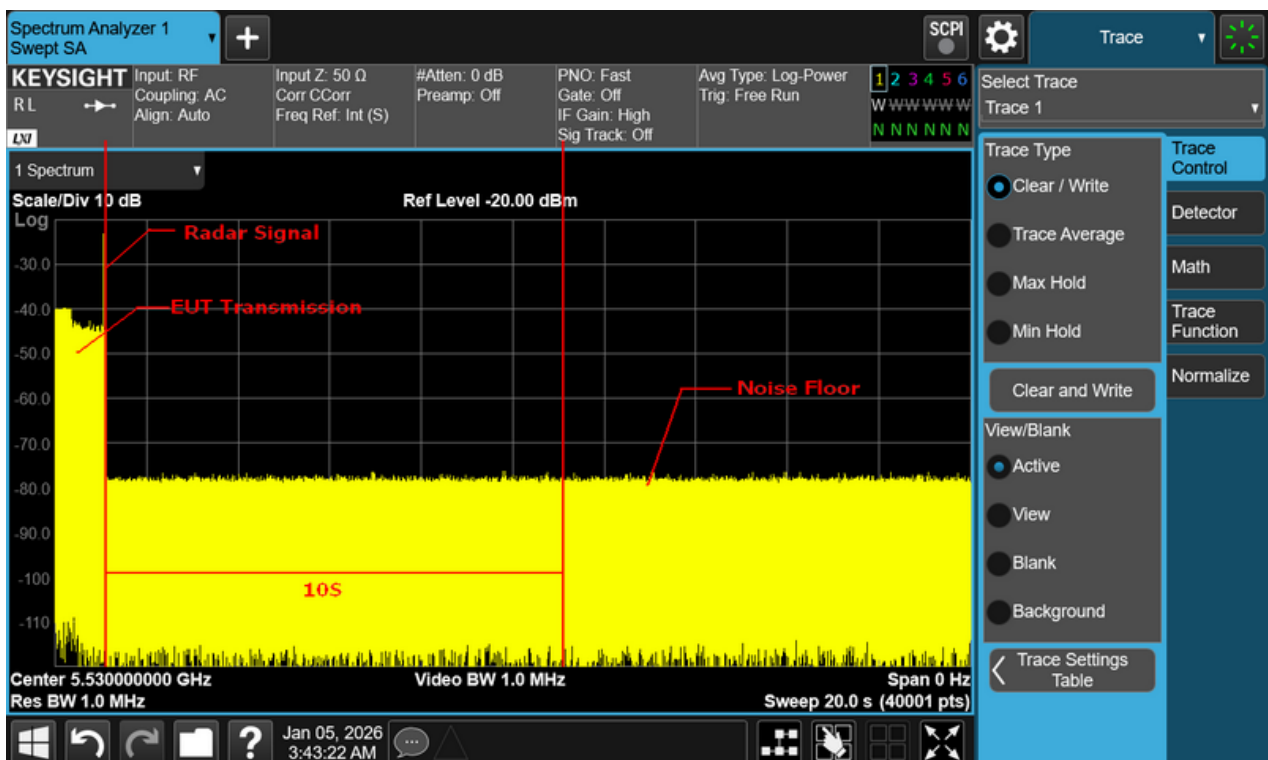


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 4

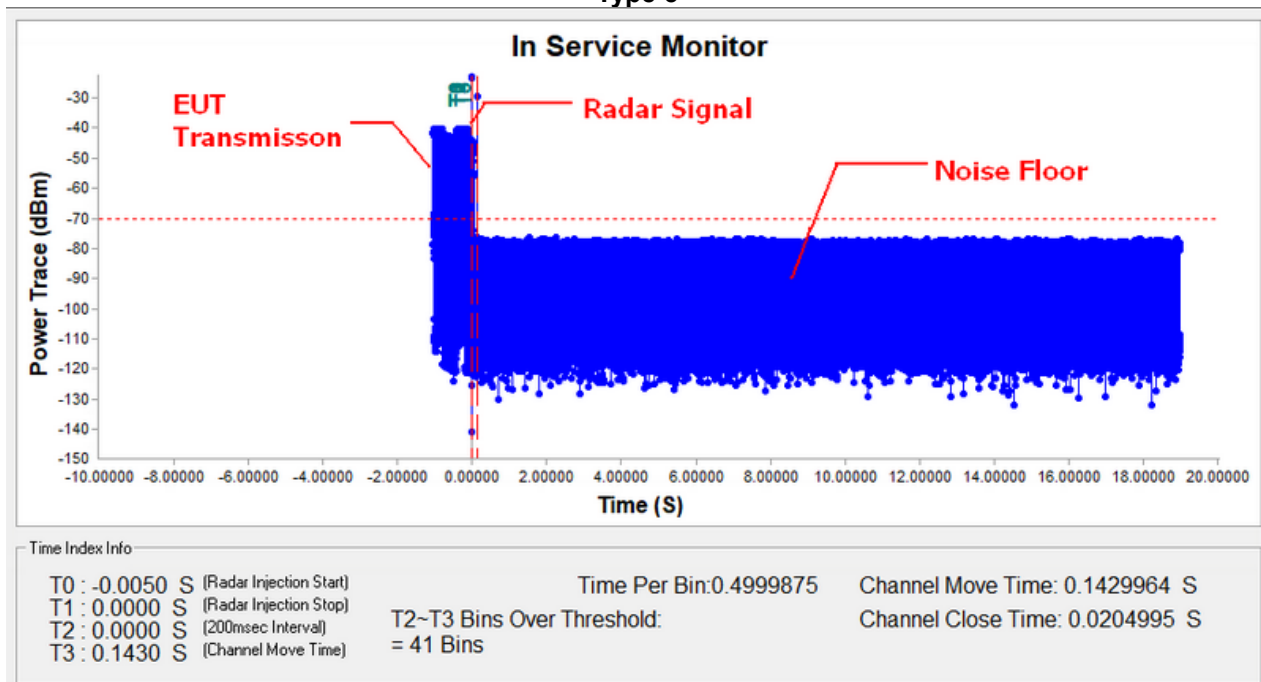


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

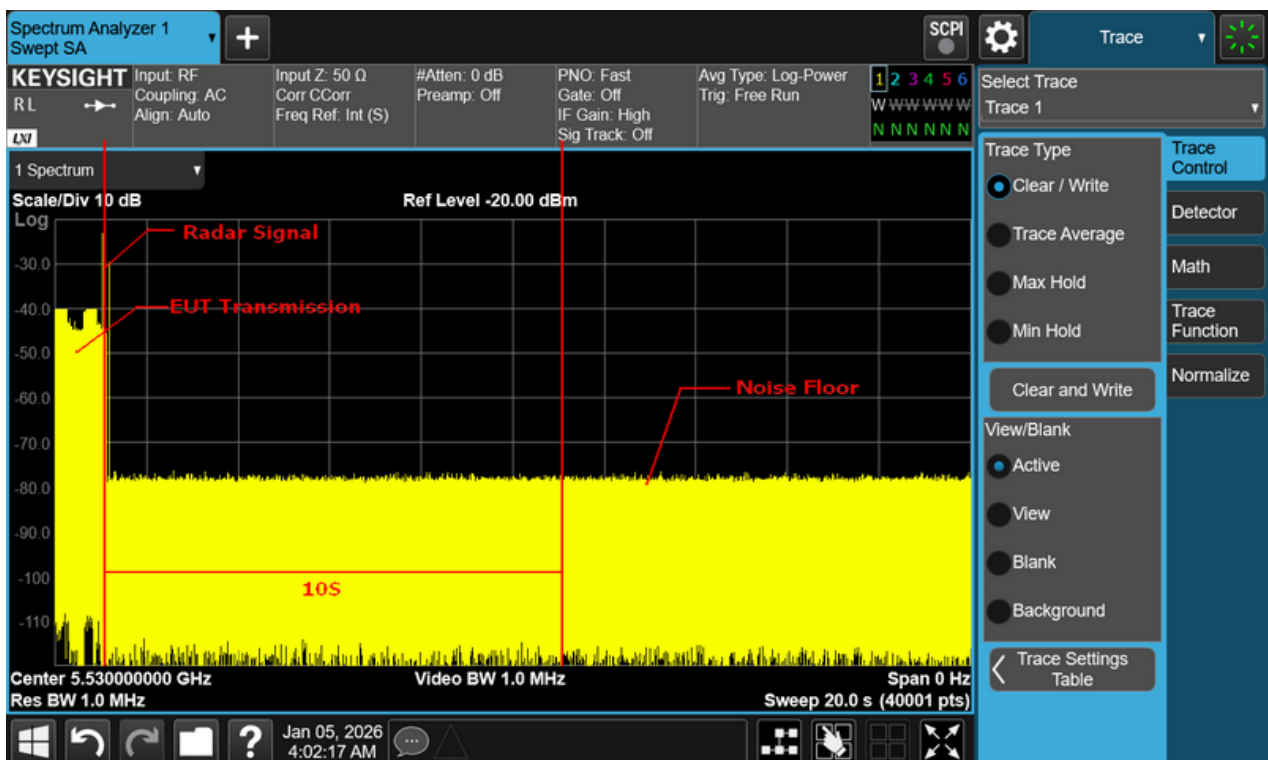


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 5

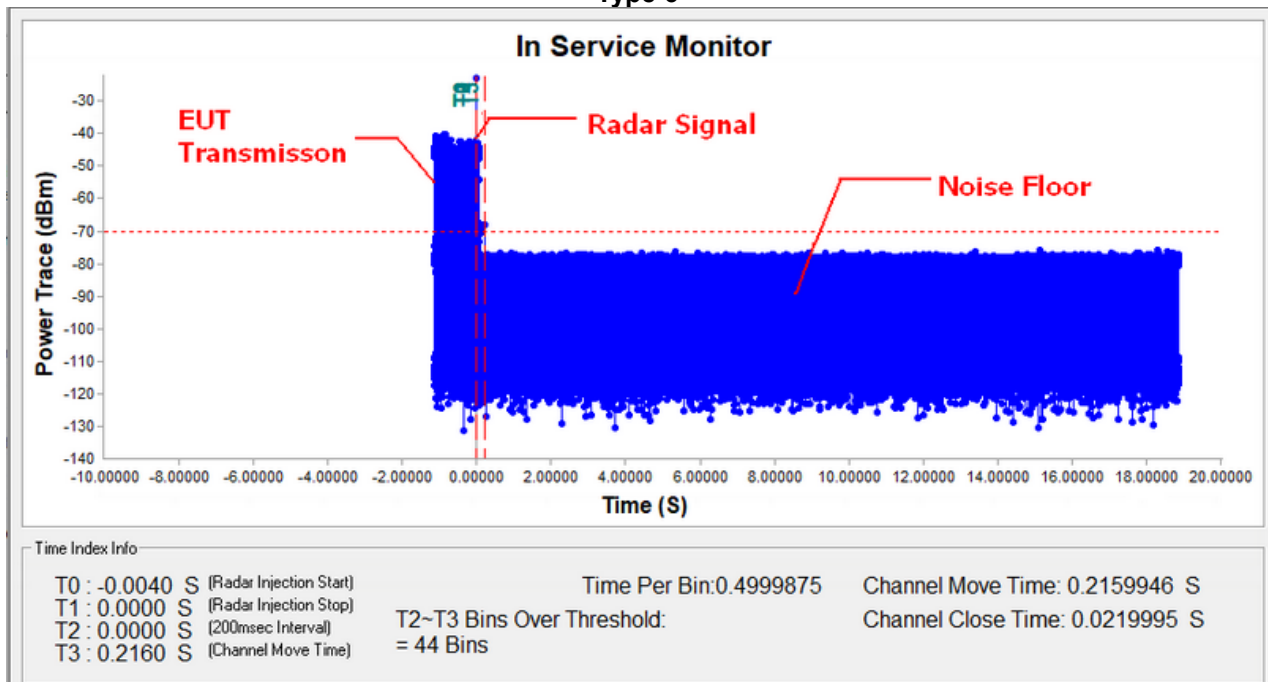


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

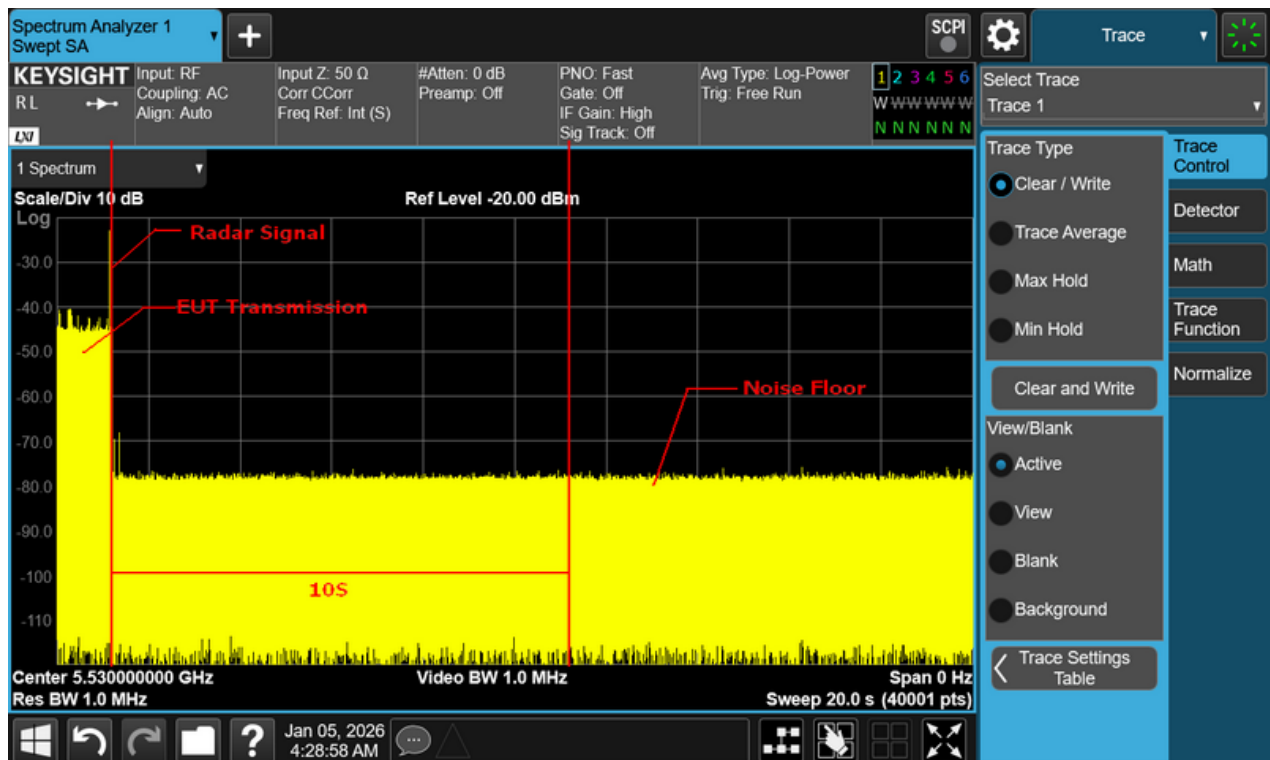


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 6

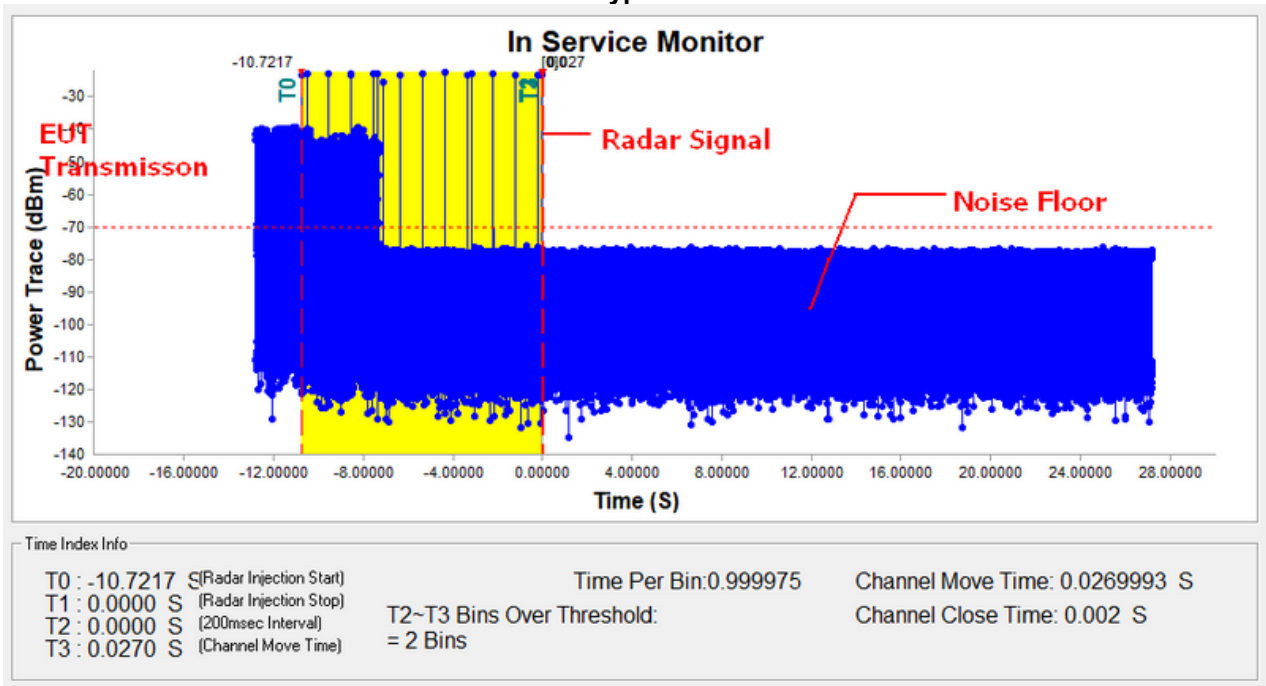


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

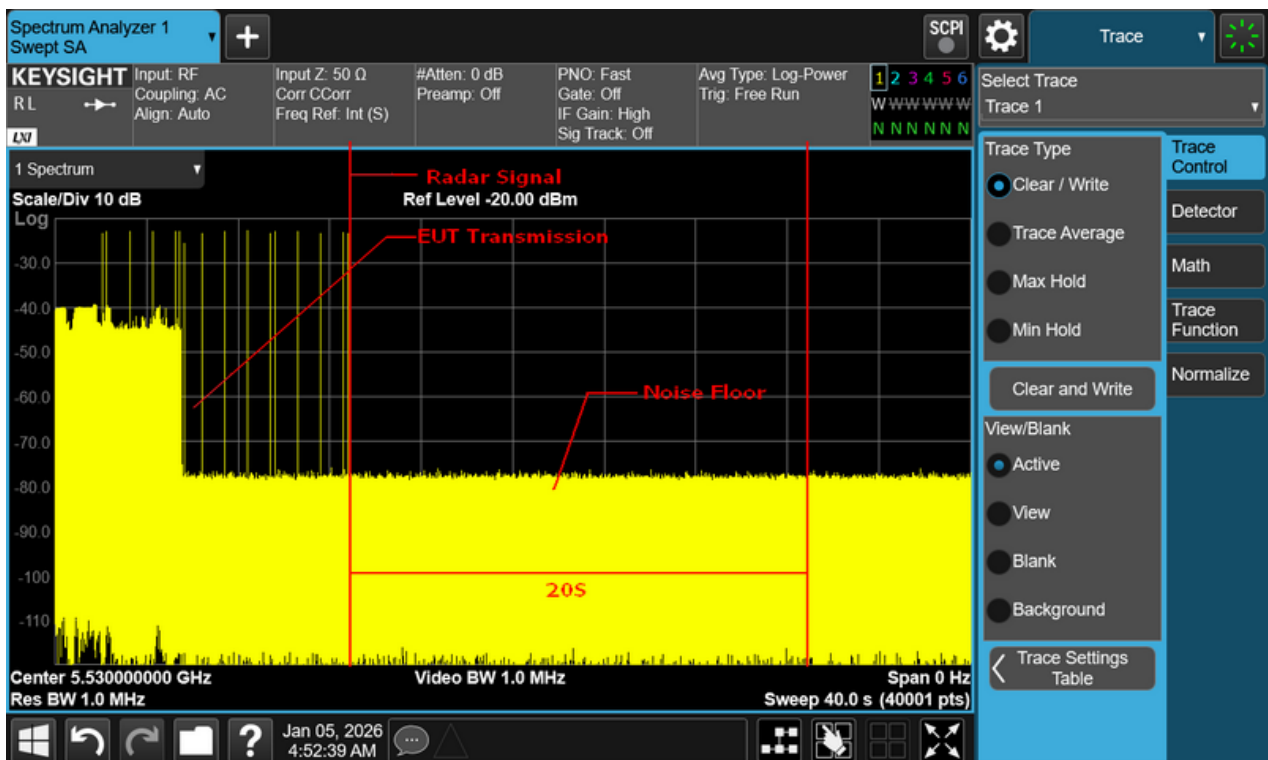


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 7

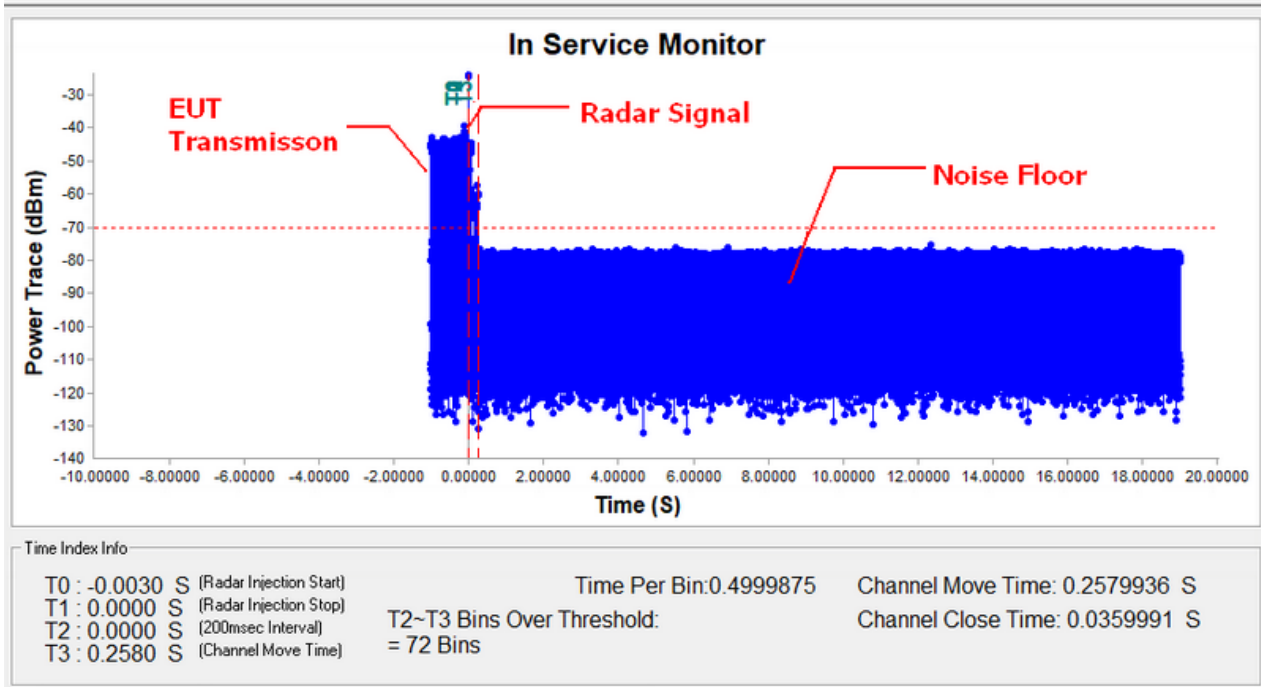


Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.

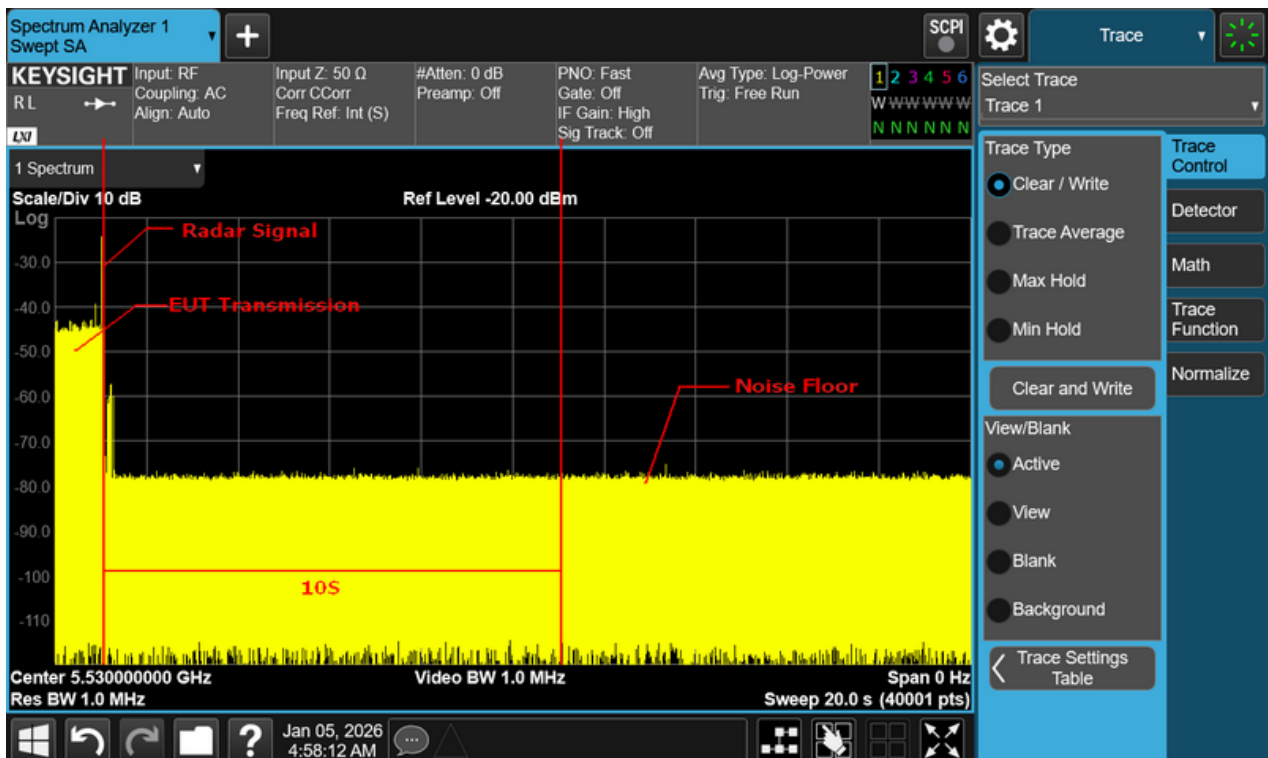


Note: An expanded plot for the device vacates the channel in the required 10s.

Type 8



Note: T0 denotes the radar injection start.
T1 denotes the radar injection stop.
T2 denotes the data transmission time of 200ms from T1.
T3 denotes the end of Channel Move Time.



Note: An expanded plot for the device vacates the channel in the required 10s.

Type 1				
Trial #	Pluse per Burst	Pluse Width (us)	PRF [pps]	Detection (YES / NO)
1	18	0.5	720	YES
2	18	0.5	720	YES
3	18	0.5	720	YES
4	18	0.5	720	YES
5	18	0.5	720	YES
6	18	0.5	720	YES
7	18	0.5	720	NO
8	18	0.5	720	YES
9	18	0.5	720	YES
10	18	0.5	720	YES
11	18	0.5	720	YES
12	18	0.5	720	NO
13	18	0.5	720	YES
14	18	0.5	720	YES
15	18	0.5	720	YES
16	18	0.5	720	YES
17	18	0.5	720	YES
18	18	0.5	720	YES
19	18	0.5	720	YES
20	18	0.5	720	YES
				Detection Rate 90%

Type 2				
Trial #	Pluse per Burst	Pluse Width (us)	PRF [pps]	Detection (YES / NO)
1	18	1	700	YES
2	18	1	700	YES
3	18	1	700	YES
4	18	1	700	YES
5	18	1	700	YES
6	18	1	700	YES
7	18	1	700	NO
8	18	1	700	YES
9	18	1	700	YES
10	18	1	700	YES
11	18	1	700	YES
12	18	1	700	YES
13	18	1	700	NO
14	18	1	700	YES
15	18	1	700	YES
16	18	1	700	YES
17	18	1	700	YES
18	18	1	700	YES
19	18	1	700	YES
20	18	1	700	YES
				Detection Rate 90%

Type 3				
Trial #	Pluse per Burst	Pluse Width (us)	PRF [pps]	Detection (YES / NO)
1	18	2	250	YES
2	18	2	250	YES
3	18	2	250	YES
4	18	2	250	YES
5	18	2	250	YES
6	18	2	250	YES
7	18	2	250	NO
8	18	2	250	YES
9	18	2	250	YES
10	18	2	250	YES
11	18	2	250	YES
12	18	2	250	YES
13	18	2	250	NO
14	18	2	250	YES
15	18	2	250	YES
16	18	2	250	YES
17	18	2	250	YES
18	18	2	250	YES
19	18	2	250	YES
20	18	2	250	YES
				Detection Rate 90%

Type 4				
Trial #	Pluse per Burst	Pluse Width (s)	PRF [pps]	Detection (YES / NO)
1	26	4	5637	YES
2	23	1	4435	YES
3	24	2	4988	YES
4	29	5	6506	YES
5	28	5	6010	NO
6	26	3	5448	YES
7	26	4	5607	YES
8	25	3	5199	YES
9	26	4	5586	NO
10	23	1	4497	YES
11	27	5	6004	YES
12	29	5	6402	YES
13	26	4	5626	YES
14	25	2	5076	YES
15	29	5	6363	YES
16	26	3	5505	YES
17	29	5	6635	YES
18	25	3	5154	YES
19	26	3	5442	NO
20	25	2	5085	YES
1	26	4	5637	YES
2	23	1	4435	YES
3	24	2	4988	YES
4	29	5	6506	YES
5	28	5	6010	YES
6	26	3	5448	YES
7	26	4	5607	YES
8	25	3	5199	YES
9	26	4	5586	YES
10	23	1	4497	YES
11	27	5	6004	YES
12	29	5	6402	YES
13	26	4	5626	YES
14	25	2	5076	YES
15	29	5	6363	YES
16	26	3	5505	YES
17	29	5	6635	YES
18	25	3	5154	YES
19	26	3	5442	YES
20	25	2	5085	YES
				Detection Rate 93%

Type 5				
Trial #	Pluse per Burst	Pluse Width (us)	PRF [pps]	Detection (YES / NO)
1	17	9	3668	YES
2	16	6	2114	YES
3	16	7	2828	YES
4	18	10	4791	YES
5	18	10	4150	YES
6	17	8	3423	YES
7	17	9	3630	YES
8	17	8	3102	YES
9	17	9	3602	NO
10	16	6	2194	YES
11	18	10	4143	YES
12	18	10	4657	YES
13	17	9	3655	YES
14	16	7	2942	NO
15	18	10	4607	YES
16	17	8	3498	YES
17	18	10	4959	YES
18	17	8	3044	YES
19	17	8	3417	NO
20	16	7	2954	YES
1	17	9	3668	YES
2	16	6	2114	YES
3	16	7	2828	YES
4	18	10	4791	YES
5	18	10	4150	YES
6	17	8	3423	YES
7	17	9	3630	YES
8	17	8	3102	NO
9	17	9	3602	YES
10	16	6	2194	YES
11	18	10	4143	YES
12	18	10	4657	YES
13	17	9	3655	YES
14	16	7	2942	YES
15	18	10	4607	YES
16	17	8	3498	YES
17	18	10	4959	YES
18	17	8	3044	YES
19	17	8	3417	YES
20	16	7	2954	YES
				Detection Rate 90%

Type 6				
Trial #	Pluse per Burst	Pluse Width (us)	PRF [pps]	Detection (YES / NO)
1	14	17	3668	YES
2	12	11	2114	YES
3	13	14	2828	YES
4	16	20	4791	YES
5	15	18	4150	YES
6	14	16	3423	YES
7	14	16	3630	YES
8	13	15	3102	YES
9	14	16	3602	YES
10	12	11	2194	NO
11	15	18	4143	YES
12	16	20	4657	YES
13	14	17	3655	YES
14	13	14	2942	NO
15	16	20	4607	YES
16	14	16	3498	YES
17	16	20	4959	YES
18	13	14	3044	YES
19	14	16	3417	YES
20	13	14	2954	YES
				Detection Rate 90%

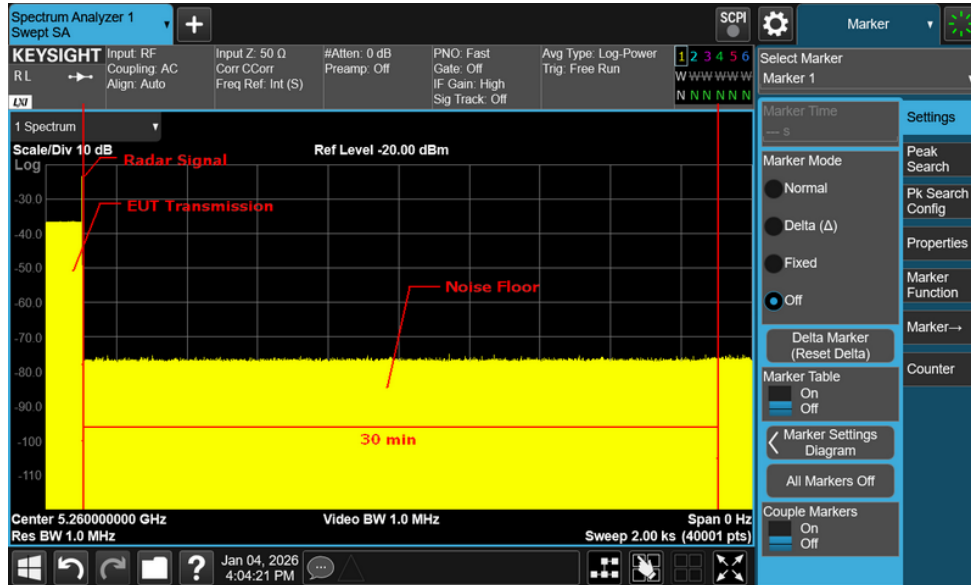
Type 7		
Trial #	Test Signal name	Detection(YES / NO)
1	LP_Signal_01	YES
2	LP_Signal_02	YES
3	LP_Signal_03	YES
4	LP_Signal_04	YES
5	LP_Signal_05	NO
6	LP_Signal_06	YES
7	LP_Signal_07	YES
8	LP_Signal_08	YES
9	LP_Signal_09	YES
10	LP_Signal_10	YES
11	LP_Signal_11	NO
12	LP_Signal_12	YES
13	LP_Signal_13	YES
14	LP_Signal_14	YES
15	LP_Signal_15	YES
16	LP_Signal_16	YES
17	LP_Signal_17	YES
18	LP_Signal_18	YES
19	LP_Signal_19	YES
20	LP_Signal_20	YES
		Detection Rate 90%

Type 8		
Trial #	Hoping Frequency Sequence Name	Detection(YES / NO)
1	HOP_FREQ_SEQ_01	YES
2	HOP_FREQ_SEQ_02	YES
3	HOP_FREQ_SEQ_03	YES
4	HOP_FREQ_SEQ_04	NO
5	HOP_FREQ_SEQ_05	YES
6	HOP_FREQ_SEQ_06	YES
7	HOP_FREQ_SEQ_07	YES
8	HOP_FREQ_SEQ_08	NO
9	HOP_FREQ_SEQ_09	YES
10	HOP_FREQ_SEQ_10	YES
11	HOP_FREQ_SEQ_11	YES
12	HOP_FREQ_SEQ_12	YES
13	HOP_FREQ_SEQ_13	YES
14	HOP_FREQ_SEQ_14	NO
15	HOP_FREQ_SEQ_15	YES
16	HOP_FREQ_SEQ_16	YES
17	HOP_FREQ_SEQ_17	YES
18	HOP_FREQ_SEQ_18	YES
19	HOP_FREQ_SEQ_19	YES
20	HOP_FREQ_SEQ_20	YES
		Detection Rate 85%

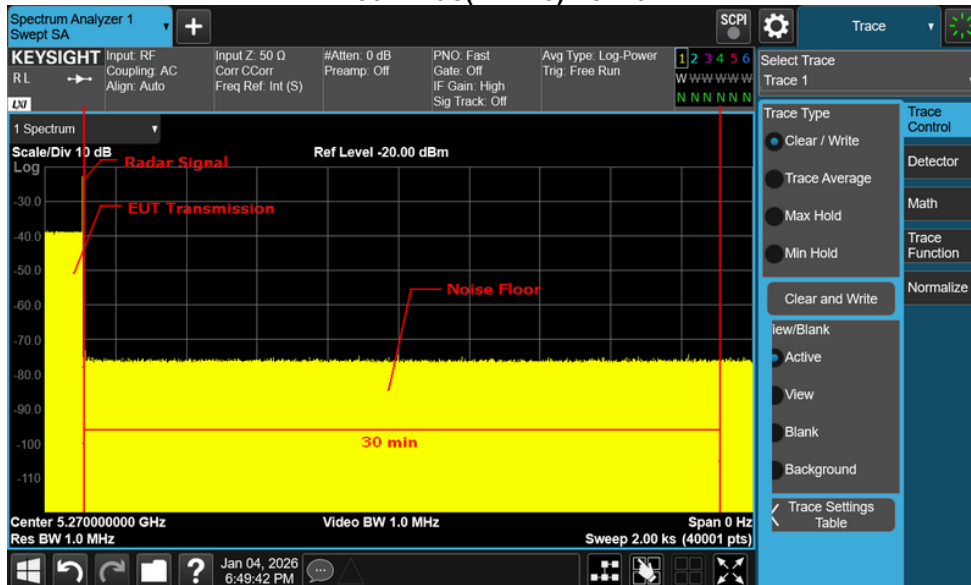
A.3 NON-OCCUPANCY PERIOD

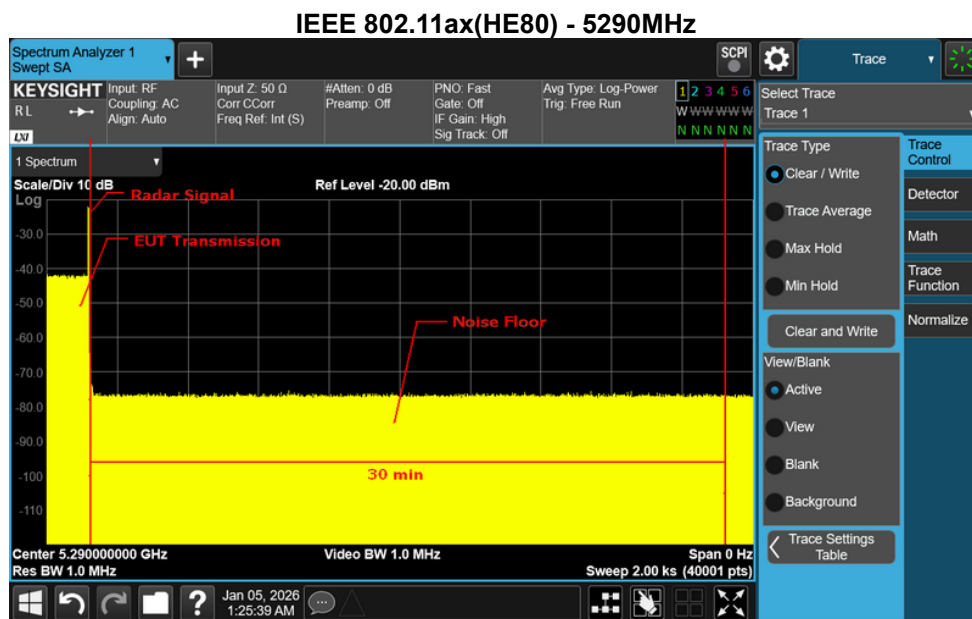
During the 30 minutes observation time, UUT did not make any transmissions on a channel after a radar signal was detected on that channel by either the Channel Availability Check or the In-Service Monitoring.

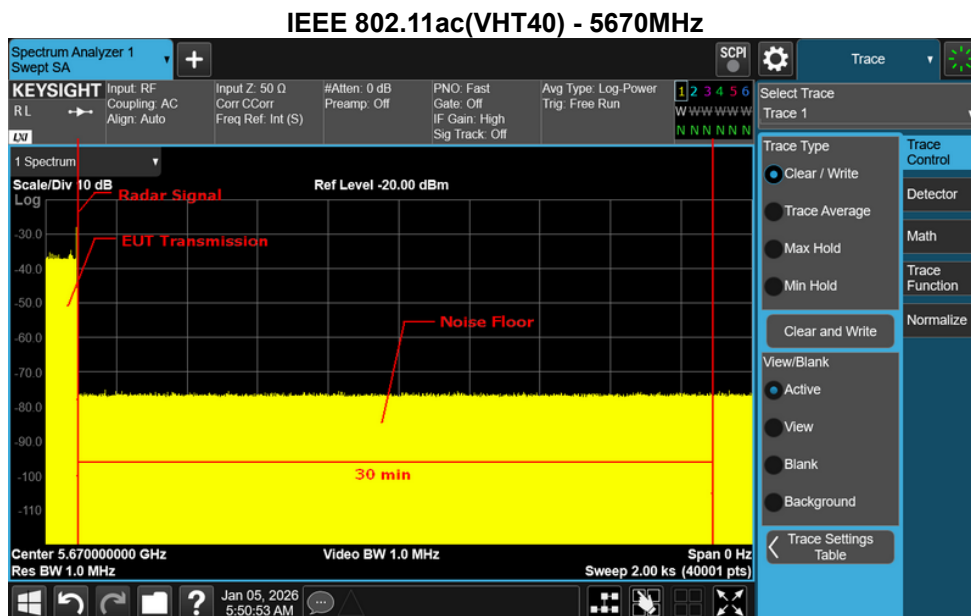
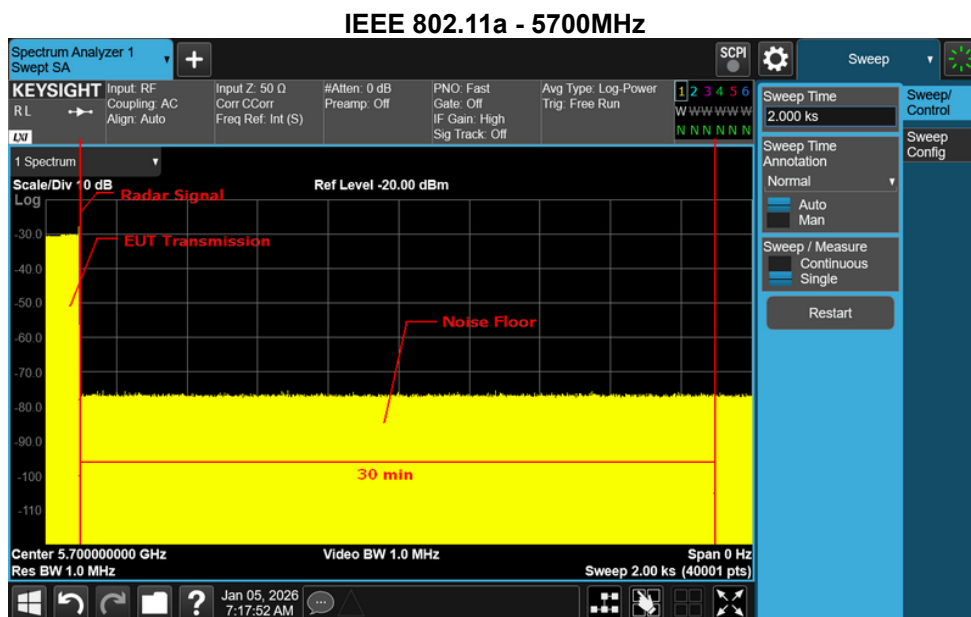
IEEE 802.11a - 5260MHz

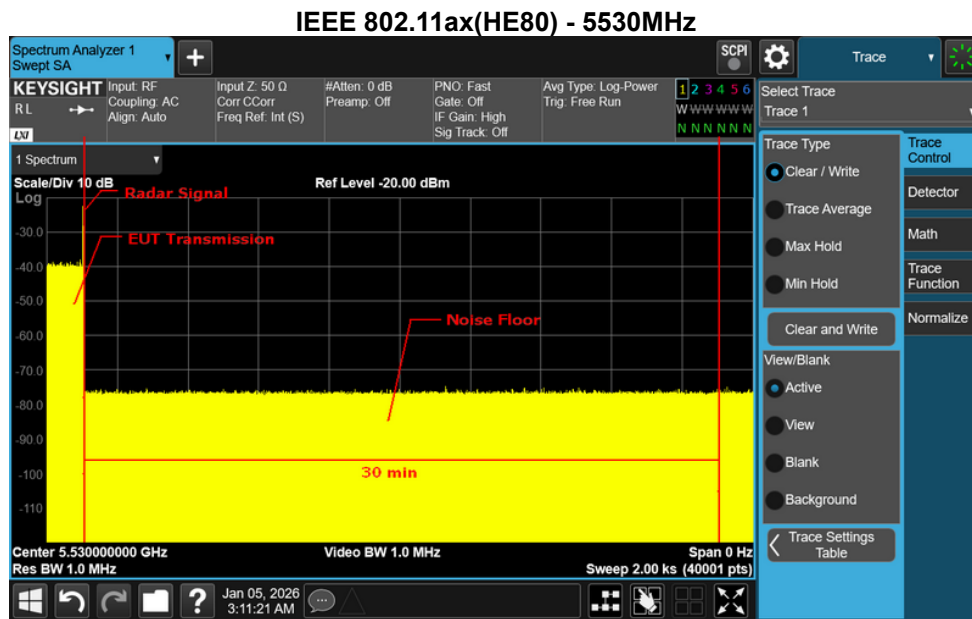


IEEE 802.11ac(VHT40) - 5270MHz



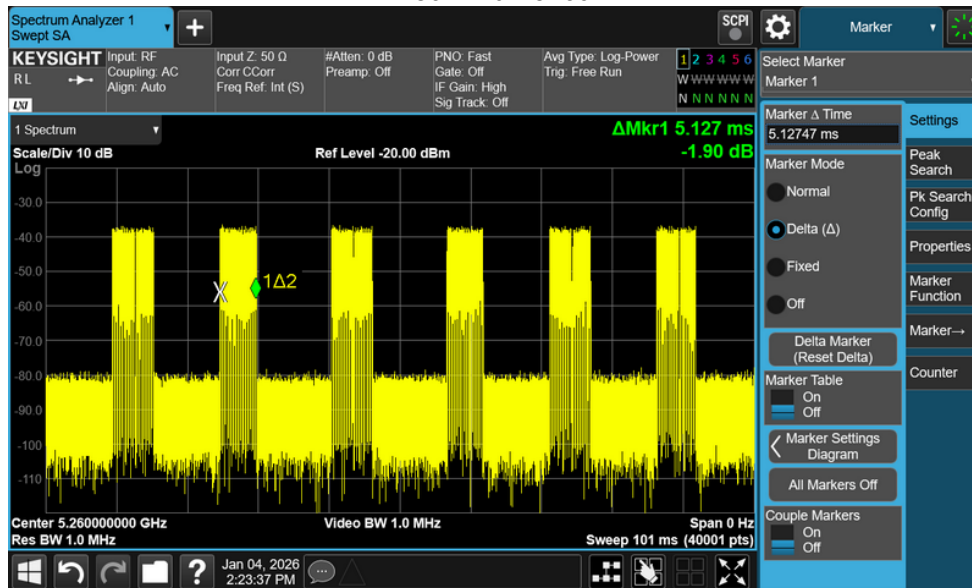




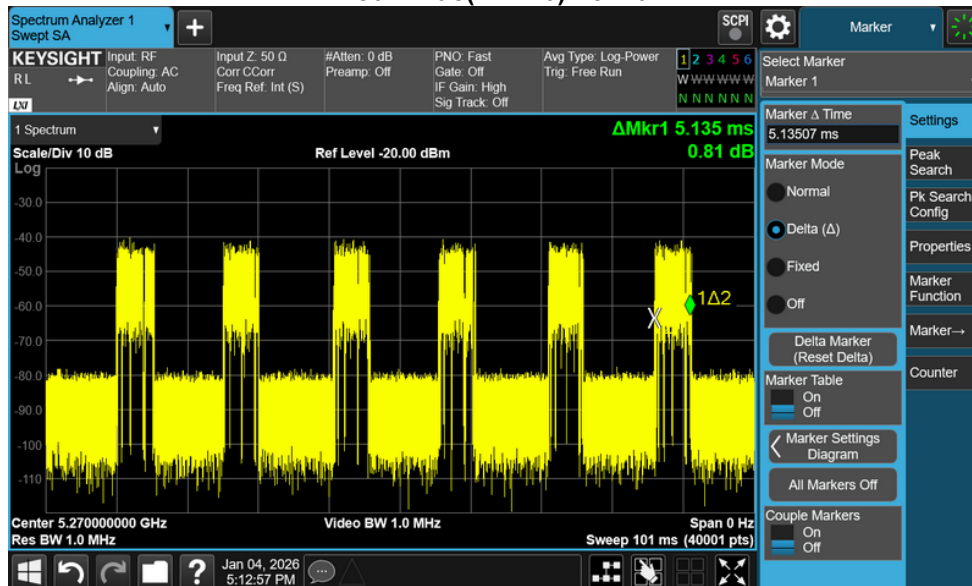


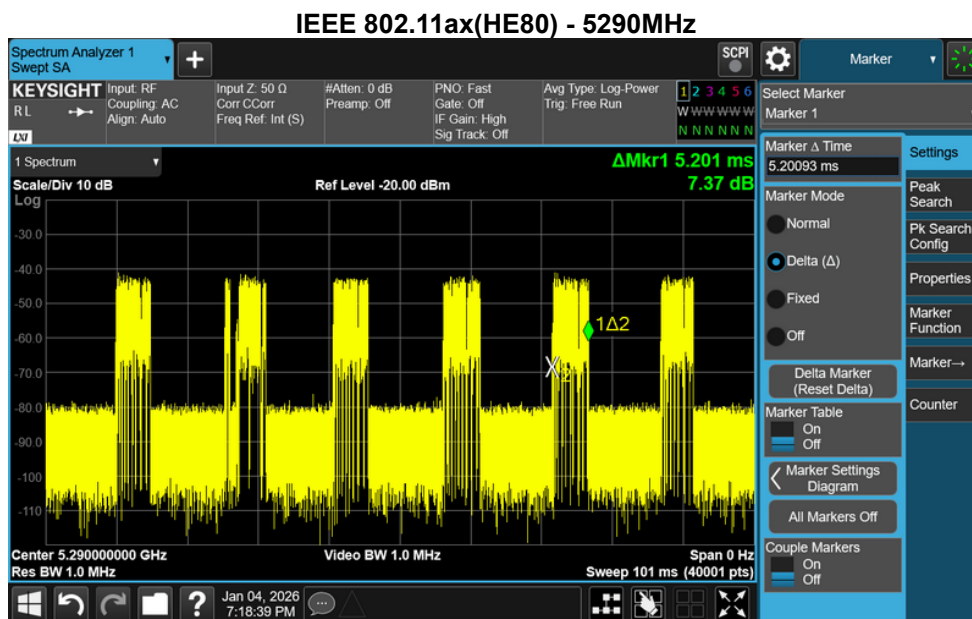
A.4 CHANNEL LOADING

IEEE 802.11a - 5260MHz

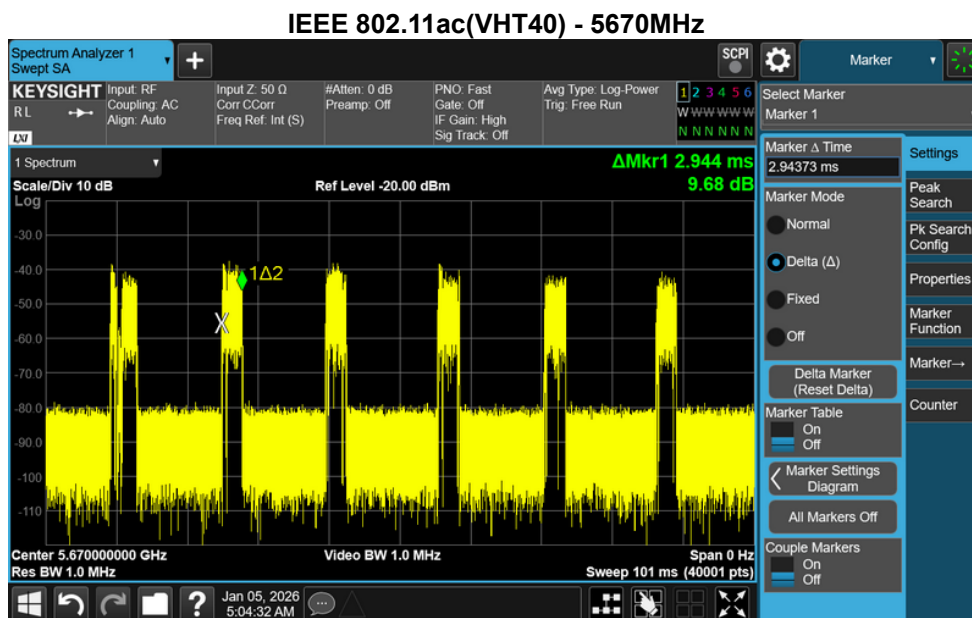
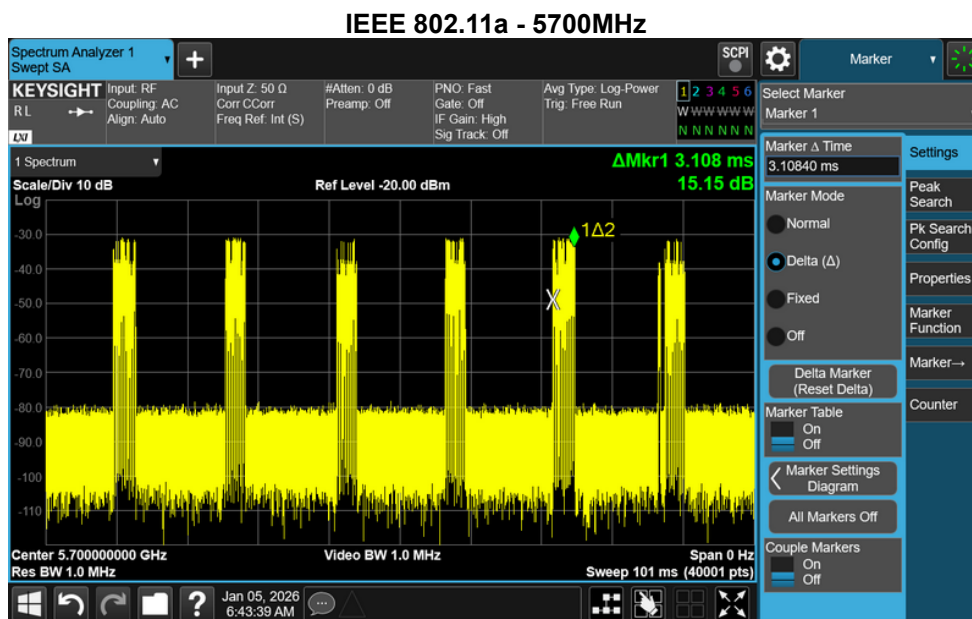


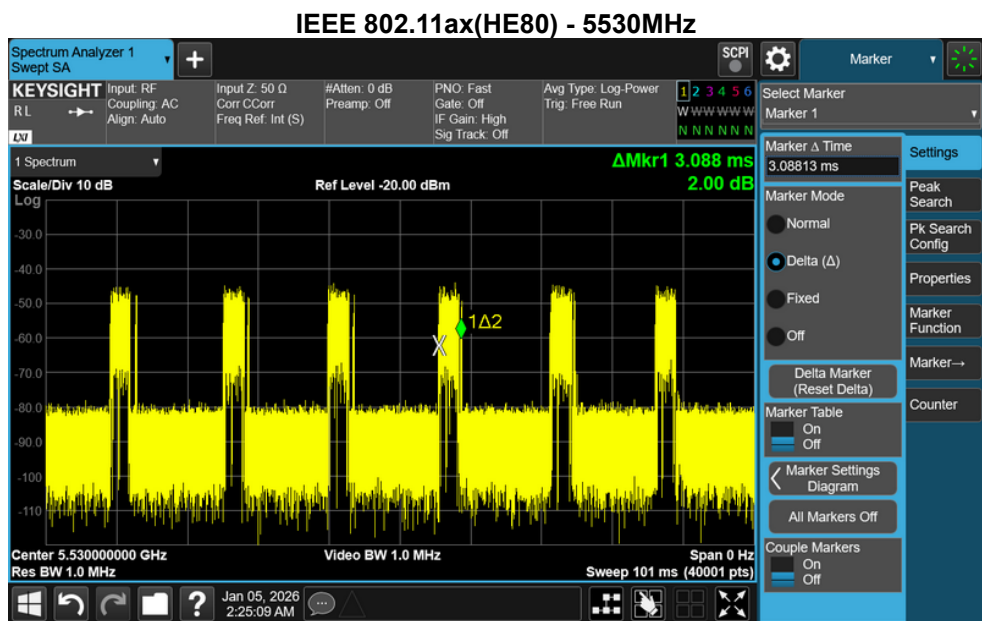
IEEE 802.11ac(VHT40) - 5270MHz





Frequency (MHz)	Marker Delta (ms)	Number	On Time (ms)	Total Time (ms)	Duty cycle (%)	Limit (%)
5260	5.127	6	30.762	101.3	30.37	30.00
5270	5.135	6	30.81	101.3	30.41	30.00
5290	5.201	6	31.206	101.3	30.81	30.00





Frequency (MHz)	Marker Delta (ms)	Number	On Time (ms)	Total Time (ms)	Duty cycle (%)	Limit (%)
5700	3.108	6	18.648	101.3	18.41	17.00
5670	2.944	6	17.664	101.3	17.44	17.00
5530	3.088	6	18.528	101.3	18.29	17.00

End of Test Report