



RADIO TEST REPORT

FCC ID : 2AHBN-AP47
Equipment : Wi-Fi 7 Wireless Access Point
Brand Name : Juniper
Model Name : AP47, AP47E, AP47D
Applicant : Juniper Networks, Inc.
1133 Innovation Way Sunnyvale, California 94089 USA
Manufacturer : Juniper Networks, Inc.
1133 Innovation Way Sunnyvale, California 94089 USA
Standard : 47 CFR FCC Part 15.247

The product was received on Oct. 15, 2024, and testing was started from Oct. 23, 2024 and completed on Feb. 04, 2025. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A10_6 Ver1.3



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen

Report Producer: Cathy Chiu



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Bluetooth Mode	Ch. Frequency (MHz)	Channel Number
2400-2483.5	LE	2402-2480	0-39 [40]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	BT-LE(1Mbps)	1.0	1TX
2.4-2.4835GHz	BT-LE(500Kb/s)	1.0	1TX
2.4-2.4835GHz	BT-LE(125Kb/s)	1.0	1TX
2.4-2.4835GHz	BT-LE(2Mbps)	2.0	1TX

Note:

- ♦ Bluetooth LE uses a GFSK modulation.
- ♦ BWch is the nominal channel bandwidth.



1.1.2 Antenna Information

For EUT 1:

Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation				
1	2	Juniper	AP47	PIFA	IPEX	Note 1	WLAN 2.4GHz, WLAN 5GHz UNII 1-2A, WLAN 6GHz UNII 7-8 (Radio 3)				
2	1	Juniper	AP47	PIFA	IPEX						
3	3	Juniper	AP47	PIFA	IPEX						
4	4	Juniper	AP47	PIFA	IPEX						
5	2	Juniper	AP47	Alford loop	IPEX		WLAN 5GHz UNII 1-2A or UNII 2C-4 (Radio 2)				
6	1	Juniper	AP47	Alford loop	IPEX						
7	3	Juniper	AP47	Alford loop	IPEX						
8	4	Juniper	AP47	Alford loop	IPEX						
9	2	Juniper	AP47	PIFA	IPEX		WLAN 6GHz UNII 5 or UNII 6-8 (Radio 1)				
10	1	Juniper	AP47	PIFA	IPEX						
11	3	Juniper	AP47	PIFA	IPEX						
12	4	Juniper	AP47	PIFA	IPEX						
13	2	Juniper	AP47	PIFA	IPEX	Note 1	WLAN 2.4GHz, WLAN 5GHz UNII 1-4, WLAN 6GHz UNII 5-8 (Radio 4) (Scanning radio)				
14	1	Juniper	AP47	PIFA	IPEX						
15	1	Juniper	AP47	PIFA	I-PEX						
16	1	Juniper	AP47	Slot	I-PEX						
17	1	Juniper	AP47	PIFA	I-PEX		Bluetooth (Radio 5)				
18	1	Juniper	AP47	PIFA	IPEX	4.7	802.15.4(Zigbee, Thread) (Radio 5)				
19	2	Juniper	AP47	Patch	IPEX	1.4					
	3					1.8					
	4					1.4					
20	1	Juniper	AP47	PIFA	IPEX	2.9	GPS (Radio 7)				

Note 1:

Ant.	Antenna Gain (dBi)				
	WLAN 2.4GHz (Radio 3)		WLAN 5GHz UNII 1-2A (Radio 3)		WLAN 6GHz UNII 7-8 (Radio 3)
	2.45GHz	5.2GHz	5.3GHz	6.695GHz	6.995GHz
1	3.06	5.64	5.4	4.47	4.4
2	1.61	4.71	5.23	3.8	4
3	1.81	4.76	4.97	4.4	4.47
4	2.37	5.57	5.93	4.73	4.85
Ant.	WLAN 5GHz UNII 1-4 (Radio 2)				
	5.2GHz	5.3GHz	5.6GHz	5.785GHz	5.885GHz
5	2.46	2.37	3.82	3.81	4.17
6	2.43	2.15	2.98	3.49	3.81
7	2.56	2.33	2.65	3.39	3.44
8	3.28	2.61	4.3	4	3.92
Ant.	WLAN 6GHz UNII 5-8 (Radio 1)				
	6.175GHz	6.475GHz	6.695GHz	6.995GHz	
9	3.76	2.79	3.31	4.3	
10	3.16	2.9	2.57	3.68	
11	4.33	3.72	3.13	4.23	
12	4.63	3.97	3.57	5.09	



Ant.	WLAN 2.4GHz/5GHz UNII 1-4/WLAN 6GHz UNII 5-8 (Radio 4(Scanning radio))									
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	5.885GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
13	2.29	3.12	3.98	4.37	4.51	5.79	4.9	3.84	4.73	4.62
14	2.28	4.62	3.66	5.76	4.67	5.83	4.73	4.72	3.36	3.72
Ant.	Bluetooth (Radio 5)									
	Bluetooth array (Beam 1-Beam 8/Omni)					Bluetooth array (Beam 9)				
15	4.2					-				
16	-					3				
Ant.	802.15.4(Zigbee, Thread) (Radio 5)									
	3.9									
17										

Item	Directional Gain (dBi)									
	WLAN 2.4GHz (Radio 3)		WLAN 5GHz UNII 1-2A (Radio 3)				WLAN 6GHz UNII 7-8 (Radio 3)			
	2.45GHz		5.2GHz		5.3GHz		6.695GHz		6.995GHz	
4T1S	5.27		7.04		7.06		8.84		9.09	
4T2S	3.06		5.64		5.93		5.84		6.09	
4T4S	3.06		5.64		5.93		4.73		4.85	
Item	WLAN 5GHz UNII 1-4 (Radio 2)									
	5.2GHz		5.3GHz		5.6GHz		5.785GHz		5.885GHz	
4T1S	7.11		6.52		7.65		7.52		7.28	
4T2S	4.11		3.52		4.65		4.52		4.28	
4T4S	3.28		2.61		4.3		4		4.17	
Item	WLAN 6GHz UNII 5-8 (Radio 1)									
	6.175GHz		6.475GHz			6.695GHz			6.995GHz	
4T1S	7.65		7.01			6.42			7.54	
4T2S	4.65		4.01			3.57			5.09	
4T4S	4.63		3.97			3.57			5.09	
Item	WLAN 2.4GHz/5GHz UNII 1-4/WLAN 6GHz UNII 5-8 (Radio 4(Scanning radio))									
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	5.885GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
2T1S	4.59	5.03	5.57	6.24	5.74	6.86	5.9	5.09	4.73	4.62
2T2S	2.29	4.62	3.98	5.76	4.67	5.83	4.9	4.72	4.73	4.62

Note 2: The above information (excepting Ant. 1-14 antenna gain and directional gain) was declared by manufacturer.

Note 3: The EUT has twenty antennas.

The ant.15 is BLE array (Beam 1-Beam 8/Omni).

The ant.16 is BLE array (Beam 9).

Beam 1-Beam 8, Omni, and Beam 9 can't operate simultaneously.

Note 4: Radio 1-4: Maximum Directional Gain following KDB662911 D03.

For Radio 1:

For 6GHz (UNII 5 or UNII 6-8) IEEE 802.11ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 2:

For 5GHz (UNII 1-2A or UNII 2C-4) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 3:

For 2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (4TX/4RX)

For 5GHz (UNII 1-2A) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

For 6GHz (UNII 7-8) IEEE 802.11ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 4(Scanning radio):

For 2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX)

For 5GHz (UNII 1-4) IEEE 802.11a/n/ac/ax/be mode (2TX/2RX)

For 6GHz (UNII 5-8) IEEE 802.11ax/be mode (2TX/2RX)

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.



For Radio 5:

For Bluetooth and 802.15.4(Zigbee, Thread) mode (1TX/1RX)

Only Port 1 can be used as transmitting/receiving antenna.

For Radio 6:

For UWB mode (2TX/4RX):

For 2TX

Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3 and Port 4 could receive simultaneously.

For Radio 7:

For GPS (1RX)

Only Port 1 can be used as receiving antenna.


For EUT 2:

Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
1	2	Juniper	AP47D	Dipole	IPEX	Note 1	WLAN 2.4GHz, WLAN 5GHz UNII 1-2A, WLAN 6GHz UNII 7-8 (Radio 3)
2	1	Juniper	AP47D	Dipole	IPEX		
3	3	Juniper	AP47D	Dipole	IPEX		
4	4	Juniper	AP47D	Dipole	IPEX		WLAN 5GHz UNII 1-2A or UNII 2C-4 (Radio 2)
5	2	Juniper	AP47D	Patch	IPEX		
6	1	Juniper	AP47D	Patch	IPEX		
7	3	Juniper	AP47D	Patch	IPEX		WLAN 6GHz UNII 5 or UNII 6-8 (Radio 1)
8	4	Juniper	AP47D	Patch	IPEX		
9	2	Juniper	AP47D	Patch	IPEX		
10	1	Juniper	AP47D	Patch	IPEX		WLAN 2.4GHz, WLAN 5GHz UNII 1-4, WLAN 6GHz UNII 5-8 (Radio 4) (Scanning radio)
11	3	Juniper	AP47D	Patch	IPEX		
12	4	Juniper	AP47D	Patch	IPEX		
13	2	Juniper	AP47D	Dipole	IPEX	Note 1	Bluetooth (Radio 5)
14	1	Juniper	AP47D	Dipole	IPEX		
15	1	Juniper	AP47D	PIFA	I-PEX		
16	1	Juniper	AP47D	Slot	I-PEX		802.15.4(Zigbee, Thread) (Radio 5)
17	1	Juniper	AP47D	Dipole	I-PEX		
18	1	Juniper	AP47D	Patch	IPEX	6.7	UWB (Radio 6)
19	2	Juniper	AP47D	Patch	IPEX	3.4	
	3					0.7	
	4					3.1	
20	1	Juniper	AP47D	PIFA	IPEX	4.6	GPS (Radio 7)

Note 1:

Ant.	Antenna Gain (dBi)				
	WLAN 2.4GHz (Radio 3)		WLAN 5GHz UNII 1-2A (Radio 3)		WLAN 6GHz UNII 7-8 (Radio 3)
	2.45GHz		5.2GHz	5.3GHz	6.695GHz
1	5.34		3.6	3.6	6.21
2	5.33		4.58	4.48	6.68
3	5.53		4.05	4.27	7.32
4	5.16		5.23	4.51	7.75
Ant.	WLAN 5GHz UNII 1-4 (Radio 2)				
	5.2GHz	5.3GHz	5.6GHz	5.785GHz	5.885GHz
5	5.51	5.45	6.54	6.38	6.73
6	5.14	5.42	6.3	6.55	6.66
7	5.54	5.88	6.87	6.34	5.62
8	5.37	5.89	7.05	6.65	5.94
Ant.	WLAN 6GHz UNII 5-8 (Radio 1)				
	6.175GHz	6.475GHz	6.695GHz	6.995GHz	
9	7.86	7.99	6.72	7.15	
10	7.59	7.48	6.74	8.29	
11	5.81	6.3	5.48	6.44	
12	6.75	7.28	7.04	7.61	



Ant.	WLAN 2.4GHz/5GHz UNII 1-4/WLAN 6GHz UNII 5-8 (Radio 4(Scanning radio))									
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	5.885GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
13	4.18	4.62	4.53	5.24	4.35	4.43	5.87	5.74	5.31	7.78
14	4.07	5.08	4.76	5.6	6.15	6.29	7.08	6.68	6.97	8.17
Ant.	Bluetooth (Radio 5)									
	Bluetooth array (Beam 1-Beam 8/Omni)					Bluetooth array (Beam 9)				
15	4.3					-				
16	-					3.7				
Ant.	802.15.4(Zigbee, Thread) (Radio 5)									
	6.6									
17										

Item	Directional Gain (dBi)									
	WLAN 2.4GHz (Radio 3)		WLAN 5GHz UNII 1-2A (Radio 3)			WLAN 6GHz UNII 7-8 (Radio 3)				
	2.45GHz		5.2GHz	5.3GHz		6.695GHz		6.995GHz		
4T1S	8.34		7.3		7.56	10.62		10.8		
4T2S	5.53		5.23		4.56	7.75		8.36		
4T4S	5.53		5.23		4.51	7.75		8.36		
Item	WLAN 5GHz UNII 1-4 (Radio 2)									
	5.2GHz		5.3GHz	5.6GHz		5.785GHz		5.885GHz		
	9		8.75		9.58	9.57		9.06		
4T1S	9		8.75		9.58	9.57		9.06		
4T2S	6		5.89		7.05	6.65		6.73		
4T4S	5.54		5.89		7.05	6.65		6.73		
Item	WLAN 6GHz UNII 5-8 (Radio 1)									
	6.175GHz		6.475GHz		6.695GHz		6.995GHz			
	10.14		10.42		9.72		10.76			
4T1S	10.14		10.42		9.72		10.76			
4T2S	7.86		7.99		7.04		8.29			
4T4S	7.86		7.99		7.04		8.29			
Item	WLAN 2.4GHz/5GHz UNII 1-4/WLAN 6GHz UNII 5-8 (Radio 4(Scanning radio))									
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	5.885GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
2T1S	6.71	7.72	7.56	8.11	8.31	8.35	9.44	9.16	9.02	10.8
2T2S	4.18	5.08	4.76	5.6	6.15	6.29	7.08	6.68	6.97	8.17

Note 2: The above information (excepting Ant. 1-14 antenna gain and directional gain) was declared by manufacturer.

Note 3: The EUT has twenty antennas.

The ant.15 is BLE array (Beam 1-Beam 8/Omni).

The ant.16 is BLE array (Beam 9).

Beam 1-Beam 8, Omni, and Beam 9 can't operate simultaneously.

Note 4: Radio 1-4: Maximum Directional Gain following KDB662911 D03.

For Radio 1:

For 6GHz (UNII 5 or UNII 6-8) IEEE 802.11ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 2:

For 5GHz (UNII 1-2A or UNII 2C-4) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 3:

For 2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (4TX/4RX)

For 5GHz (UNII 1-2A) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

For 6GHz (UNII 7-8) IEEE 802.11ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 4(Scanning radio):

For 2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX)

For 5GHz (UNII 1-4) IEEE 802.11a/n/ac/ax/be mode (2TX/2RX)

For 6GHz (UNII 5-8) IEEE 802.11ax/be mode (2TX/2RX)

Port 1 and Port 2 can be used as transmitting/receiving antenna.



Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 5:

For Bluetooth and 802.15.4(Zigbee, Thread) mode (1TX/1RX)

Only Port 1 can be used as transmitting/receiving antenna.

For Radio 6:

For UWB mode (2TX/4RX):

For 2TX

Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3 and Port 4 could receive simultaneously.

For Radio 7:

For GPS (1RX)

Only Port 1 can be used as receiving antenna.


For EUT 3:

Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
1	1	AccelTex	ATS-OP-2456-81010-14MPC-36	Patch	6MPC-WHT	Note 1	WLAN 2.4GHz, WLAN 5GHz UNII 1-2A, WLAN 6GHz UNII 7 (Radio 3)
	2						WLAN 5GHz UNII 1-2A or UNII 2C-3 (Radio 2)
	3						WLAN 6GHz UNII 5 or UNII 7 (Radio 1)
	4						WLAN 2.4GHz, WLAN 5GHz UNII 1-3, WLAN 6GHz UNII 5, 7 (Radio 4) (Scanning radio)
	1				4MPC		
	2						
	3						
	4						
	1				6MPC-BLK		
	2						
	3						
	4						
	1				6MPC-BLK		
	2						
3							
4							
2	1	Juniper	AP47E	PIFA	I-PEX	Bluetooth (Radio 5)	
3	1	Juniper	AP47E	Slot	I-PEX		
4	1	Juniper	AP47E	PIFA	I-PEX		
5	1	Juniper	AP47E	PIFA	IPEX	4.7	UWB (Radio 6)
6	2	Juniper	AP47E	Patch	IPEX	1.4	
	3					2.1	
	4					1.7	
7	1	Juniper	AP47E	PIFA	IPEX	3.3	GPS (Radio 7)

Note 1:

Ant.	RF Port	Antenna Gain (dBi)		
		WLAN 2.4GHz (Radio 3)	WLAN 5GHz UNII 1-2A (Radio 3)	WLAN 6GHz UNII 7 (Radio 3)
1	1	8.46	10.01	10
	2	8.46	10.01	10
	3	8.46	10.01	10
	4	8.46	10.01	10
Ant.	RF Port	WLAN 5GHz UNII 1-3 (Radio 2)		
1	1	9.93		
	2	9.93		
	3	9.93		
	4	9.93		

Ant.	RF Port	WLAN 6GHz UNII 5 or UNII 7 (Radio 1)		
1	1	10.57		
	2	10.57		
	3	10.57		
	4	10.57		
	RF Port	WLAN 2.4GHz/5GHz UNII 1-3/WLAN 6GHz UNII 5, 7 (Radio 4(Scanning radio))		
		WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz
	1	7.8	9.5	10
	2	7.8	9.5	10
Ant.	Bluetooth (Radio 5)			
	Bluetooth array (Beam 1-Beam 8/Omni)		Bluetooth array (Beam 9)	
2	4.0		-	
3	-		2.8	
Ant.	802.15.4(Zigbee, Thread) (Radio 5)			
4	4.1			

Note 2: Directional gain information for Radio 1-3

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{sub}} g_{j,k} \right)^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{sub}} g_{j,k} \right)^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{sub}} g_{j,k} \right)^2}{N_{ANT}} \right]$

Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{sub}} g_{j,k} \right)^2}{N_{ANT}} \right]$$

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,3) = 10^{G3/20} ; NSS1(g1,4) = 10^{G4/20}$$

$$gj,k = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}] \Rightarrow 10$$

$$\log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$$

Where ;

Radio 1:

6G UNII-5 G1 = 10.57 dBi; G2 = 10.57 dBi; G3 = 10.57 dBi; G4 = 10.57 dBi

6G UNII-7 G1 = 10.57 dBi; G2 = 10.57 dBi; G3 = 10.57 dBi; G4 = 10.57 dBi

6G UNII-5 DG = 13.58 dBi

6G UNII-7 DG = 13.58 dBi

Radio 2:

5G UNII-1 G1 = 9.93 dBi; G2 = 9.93 dBi; G3 = 9.93 dBi; G4 = 9.93 dBi

5G UNII-2A G1 = 9.93 dBi; G2 = 9.93 dBi; G3 = 9.93 dBi; G4 = 9.93 dBi

5G UNII-2C G1 = 9.93 dBi; G2 = 9.93 dBi; G3 = 9.93 dBi; G4 = 9.93 dBi

5G UNII-3 G1 = 9.93 dBi; G2 = 9.93 dBi; G3 = 9.93 dBi; G4 = 9.93 dBi

5G UNII-1 DG = 12.94 dBi

5G UNII-2A DG = 12.94 dBi

5G UNII-2C DG = 12.94 dBi

5G UNII-3 DG = 12.94 dBi

Radio 3:

2.4G G1 = 8.46 dBi; G2 = 8.46 dBi; G3 = 8.46 dBi; G4 = 8.46 dBi

5G UNII-1 G1 = 10.01 dBi; G2 = 10.01 dBi; G3 = 10.01 dBi; G4 = 10.01 dBi

5G UNII-2A G1 = 10.01 dBi; G2 = 10.01 dBi; G3 = 10.01 dBi; G4 = 10.01 dBi

6G UNII-7 G1 = 10 dBi; G2 = 10 dBi; G3 = 10 dBi; G4 = 10 dBi

2.4G DG = 11.47 dBi

5G UNII-1 DG = 13.02 dBi

5G UNII-2A DG = 13.02 dBi

6G UNII-7 DG = 13.01 dBi



Note 3: The above information was declared by manufacturer.

Note 4: The EUT has seven antennas.

The ant. 2 is BLE array (Beam 1-Beam 8/Omni).

The ant. 3 is BLE array (Beam 9).

Beam 1-Beam 8, Omni, and Beam 9 can't operate simultaneously.

Note 5: The ant. 1 is the cross-polarized antenna.

The ant. 1 (6MPC-WHT connector and 4MPC connector): Vertical*2, Horizontal*2; the array gain only add $10\log(2)$.

The ant. 1 (6MPC-BLK connector) for radio 1: Vertical*2, Horizontal*2; the array gain only add $10\log(2)$.

The ant. 1 (6MPC-BLK connector) for radio 4: Vertical*1, Horizontal*1; it doesn't need to evaluate array gain.

Note 6: Radio 1-3: Maximum Directional Gain following KDB662911 D01.

For Radio 1:

For 6GHz (UNII 5 or UNII 7) IEEE 802.11ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 2:

For 5GHz (UNII 1-2A or UNII 2C-3) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 3:

For 2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (4TX/4RX)

For 5GHz (UNII 1-2A) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

For 6GHz (UNII 7) IEEE 802.11ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 4(Scanning radio):

For 2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX)

For 5GHz (UNII 1-3) IEEE 802.11a/n/ac/ax/be mode (2TX/2RX)

For 6GHz (UNII 5, 7) IEEE 802.11ax/be mode (2TX/2RX)

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 5:

For Bluetooth and 802.15.4(Zigbee, Thread) mode (1TX/1RX)

Only Port 1 can be used as transmitting/receiving antenna.

For Radio 6:

For UWB mode (2TX/4RX):

For 2TX

Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3 and Port 4 could receive simultaneously.

For Radio 7:

For GPS (1RX)

Only Port 1 can be used as receiving antenna.

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
BT-LE(1Mbps)	0.607	2.17	379.375u	3k
BT-LE(2Mbps)	0.314	5.03	196.25u	10k

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From PoE		
Function	☒ Point-to-multipoint	☐ Point-to-point	
Test Software Version	DOS [ver 6.1.7601]		
Support Mode	☒ LE 1M PHY: 1 Mb/s		
	☒ LE Coded PHY (S=2): 500 Kb/s		
	☒ LE Coded PHY (S=8): 125 Kb/s		
	☒ LE 2M PHY: 2 Mb/s		

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

EUT	Model Name	WLAN 5GHz UNII 4	WLAN 6GHz	Wi-Fi antenna	UWB antenna (PDoA)	UWB antenna (TWR)	802.15.4 (Zigbee, Thread) antenna	Bluetooth antenna	GPS antenna	Description
1	AP47	Support	Support	Internal Antenna	The same	AP47/ AP47E the same	AP47/ AP47E the same	The same	AP47/ AP47E the same	-
2	AP47D	Support	Support	Internal Antenna	The same	Not the same	Not the same	The same	Not the same	The difference with AP47 is only in Wi-Fi, UWB(TWR), 802.15.4(Zigbee, Thread) and GPS antenna.
3	AP47E	Non Support	Non Support	External Antenna	The same	AP47/ AP47E the same	AP47/ AP47E the same	The same	AP47/ AP47E the same	-

Note1: All models are identical to each other in all aspects except for the listing table.

Note2: The above information was declared by manufacturer.

1.1.6 Table for Radio Function

For EUT 1 and EUT 2:

Radio \ Function	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	802.15.4 (Zigbee, Thread)	UWB	GPS
1	-	-	V (UNII 5 or UNII 6-8)	-	-	-	-
2	-	V (UNII 1-2A or UNII2C-4)	-	-	-	-	-
3	V	V (UNII 1-2A)	V (UNII 7-8)	-	-	-	-
4 (Scanning radio)	V	V (UNII 1-4)	V (UNII 5-8)	-	-	-	-
5	-	-	-	V	V	-	-
6	-	-	-	-	-	V	-
7	-	-	-	-	-	-	V

Note1: The above information was declared by manufacturer.

Note2: For WLAN 2.4GHz: The Radio 3 and Radio 4(Scanning radio) can't operate at the same frequency simultaneously.

For WLAN 5GHz: The Radio 2, 3 and Radio 4(Scanning radio) can't operate at the same frequency simultaneously.

For WLAN 6GHz: The Radio 1, 3 and Radio 4(Scanning radio) can't operate at the same frequency simultaneously.

For EUT 3:

Radio \ Function	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	802.15.4 (Zigbee, Thread)	UWB	GPS
1	-	-	-	-	-	-	-
2	-	V (UNII 1-2A or UNII2C-3)	-	-	-	-	-
3	V	V (UNII 1-2A)	-	-	-	-	-
4 (Scanning radio)	V	V (UNII 1-3)	-	-	-	-	-
5	-	-	-	V	V	-	-
6	-	-	-	-	-	V	-
7	-	-	-	-	-	-	V

Note1: The above information was declared by manufacturer.

Note2: The Radio 1 is not enabled.

Note3: For WLAN 2.4GHz: The Radio 3 and Radio 4(Scanning radio) can't operate at the same frequency simultaneously.

For WLAN 5GHz: The Radio 2, 3 and Radio 4(Scanning radio) can't operate at the same frequency simultaneously.

1.1.7 Table for EUT Operation Function

Mode	Operation Function
1	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+R5:Bluetooth+R6:UWB
2	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
3	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
4	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:2.4GHz+R5:Bluetooth+R6:UWB
5	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
6	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
7	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB
8	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
9	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
10	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB
11	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
12	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
13	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+ R5:Bluetooth+R6:UWB
14	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
15	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
16	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+ R4:2.4GHz+ R5:Bluetooth+R6:UWB
17	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
18	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
19	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+R5:Zigbee+R6:UWB
20	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
21	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
22	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+ R4:2.4GHz+R5:Zigbee+R6:UWB
23	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
24	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
25	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Bluetooth+R6:UWB
26	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
27	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
28	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Zigbee+R6:UWB
29	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
30	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
31	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Bluetooth+R6:UWB
32	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
33	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
34	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Zigbee+R6:UWB
35	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
36	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
37	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Bluetooth+R6:UWB
38	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
39	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB



40	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Zigbee+R6:UWB
41	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
42	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
43	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Bluetooth+R6:UWB
44	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
45	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
46	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Zigbee+R6:UWB
47	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
48	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
49	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+R5:Bluetooth+R6:UWB
50	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
51	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
52	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:2.4GHz+R5:Bluetooth+R6:UWB
53	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
54	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
55	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB
56	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
57	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
58	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB
59	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
60	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
61	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+ R5:Bluetooth+R6:UWB
62	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
63	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
64	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+ R4:2.4GHz+ R5:Bluetooth+R6:UWB
65	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
66	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
67	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+R5:Zigbee+R6:UWB
68	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
69	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
70	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+ R4:2.4GHz+R5:Zigbee+R6:UWB
71	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
72	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
73	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Bluetooth+R6:UWB
74	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
75	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
76	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Zigbee+R6:UWB
77	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
78	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
79	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Bluetooth+R6:UWB
80	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
81	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
82	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Zigbee+R6:UWB



83	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
84	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
85	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Bluetooth+R6:UWB
86	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
87	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
88	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Zigbee+R6:UWB
89	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
90	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
91	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Bluetooth+R6:UWB
92	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
93	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
94	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Zigbee+R6:UWB
95	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
96	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
97	EUT 3_R2:5GHz UNII 1,2A+R3:2.4GHz+R4:2.4GHz+R5:Bluetooth+R6:UWB
98	EUT 3_R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-3+R5:Bluetooth+R6:UWB
99	EUT 3_R2:5GHz UNII 2C-3+R3:2.4GHz+R4:2.4GHz+R5:Bluetooth+R6:UWB
100	EUT 3_R2:5GHz UNII 2C-3+R3:2.4GHz+R4:5GHz UNII 1-3+R5:Bluetooth+R6:UWB
101	EUT 3_R2:5GHz UNII 1,2A+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB
102	EUT 3_R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-3+R5:Zigbee+R6:UWB
103	EUT 3_R2:5GHz UNII 2C-3+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB
104	EUT 3_R2:5GHz UNII 2C-3+R3:2.4GHz+R4:5GHz UNII 1-3+R5:Zigbee+R6:UWB
105	EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R4:2.4GHz+R5:Bluetooth+R6:UWB
106	EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-3+R5:Bluetooth+R6:UWB
107	EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R4:2.4GHz+R5:Zigbee+R6:UWB
108	EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-3+R5:Zigbee+R6:UWB

Note1: R means Radio.

Note2: The above information was declared by manufacturer.



1.2 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR FCC Part 15.247
- ♦ ANSI C63.10-2013

The following reference test guidance is not within the scope of accreditation of TAF.

- ♦ FCC KDB 558074 D01 v05r02
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Gino Huang	20.1~21.4 / 60~62	Jan. 17, 2025~Jan. 20, 2025
Radiated (Below 1GHz)	03CH05-CB	Gordon Hung	21.9-22.4 / 60-62	Jan. 16, 2025
Radiated (Above 1GHz_For EUT 1)	03CH02-CB	Viola Huang	22-23 / 61-63	Oct. 23, 2024 / Jan. 16, 2025~Feb. 03, 2025
Radiated (Above 1GHz_For EUT 2)	03CH02-CB	Viola Huang	22-23 / 61-63	Oct. 23, 2024 / Jan. 16, 2025~Jan. 17, 2025
Radiated (Above 1GHz_For EUT 3)	03CH02-CB	Viola Huang	22-23 / 61-63	Nov. 20, 2024 / Jan. 17, 2025~Feb. 04, 2025
	03CH03-CB		22.2-22.6 / 59-61	
AC Conduction	CO02-CB	Gray Lee	23~24 / 52~53	Dec. 31, 2024~Jan. 17, 2025

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ($k=2$))

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.0 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.1 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
BT-LE(1Mbps)
2402MHz
2440MHz
2480MHz
BT-LE(2Mbps)
2402MHz
2440MHz
2480MHz



2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R4:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
2	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R4:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
3	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R4:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
4	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R4:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
5	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
6	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
7	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
8	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
9	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R5:Bluetooth+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
10	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R5:Bluetooth+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
11	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R5:Zigbee(TX)+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
12	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R5:Zigbee(RX)+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
13	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R5:Zigbee(TX)+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
14	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R5:Zigbee(RX)+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
15	EUT 1_R1:6GHz UNII 5+R4:5GHz UNII 1-4+R5:Zigbee(TX)+ R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
16	EUT 1_R1:6GHz UNII 5+R4:5GHz UNII 1-4+R5:Zigbee(RX)+ R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
17	EUT 1_R2:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Bluetooth+ R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
Mode 8 has been evaluated to be the worst case among Mode 1~17, thus measurement for Mode 18 will	



follow this same test mode.	
18	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth1+PoE port)
19	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R4:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
20	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R4:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
21	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R4:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
22	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R4:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
23	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
24	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
25	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
26	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
27	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R5:Bluetooth+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
28	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R5:Bluetooth+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
29	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R5:Zigbee(TX)+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
30	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R5:Zigbee(RX)+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
31	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R5:Zigbee(TX)+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
32	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R5:Zigbee(RX)+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
33	EUT 2_R1:6GHz UNII 5+R4:5GHz UNII 1-4+R5:Zigbee(TX)+ R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
34	EUT 2_R1:6GHz UNII 5+R4:5GHz UNII 1-4+R5:Zigbee(RX)+ R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
35	EUT 2_R2:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Bluetooth+ R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
Mode 20 has been evaluated to be the worst case among Mode 19~35, thus measurement for Mode 36 will follow this same test mode.	
36	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R4:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth1+PoE port)



37	EUT 3_R2:5GHz UNII 1,2A+R4:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
38	EUT 3_R2:5GHz UNII 2C-3+R4:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
39	EUT 3_R2:5GHz UNII 1,2A+R3:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
40	EUT 3_R2:5GHz UNII 2C-3+R3:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
41	EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R5:Bluetooth+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
42	EUT 3_R2:5GHz UNII 1,2A+R5:Zigbee(TX)+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
43	EUT 3_R2:5GHz UNII 1,2A+R5:Zigbee(RX)+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
44	EUT 3_R2:5GHz UNII 2C-3+R5:Zigbee(TX)+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
45	EUT 3_R2:5GHz UNII 2C-3+R5:Zigbee(RX)+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
46	EUT 3_R4:5GHz UNII 1-3+R5:Zigbee(TX)+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
47	EUT 3_R4:5GHz UNII 1-3+R5:Zigbee(RX)+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
48	EUT 3_R2:5GHz UNII 1,2A+R5:Bluetooth+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
Mode 41 has been evaluated to be the worst case among Mode 37~48, thus measurement for Mode 49 will follow this same test mode.	
49	EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R5:Bluetooth+R6:UWB+R7:GPS+PoE(Powered from Eth1+PoE port)
For operating mode 8 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains
Only the highest gain antenna was selected to test from EUT 1~3.	
1	EUT 2_R5+Ant.15



The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link

For EUT 1~3:

1. After evaluating, the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report.
2. The EUT has two powered modes, one is "PoE(Powered from Eth0+PoE port)" mode and the other is "PoE(Powered from Eth1+PoE port)" mode. After evaluating, the worst case was found at "PoE(Powered from Eth0+PoE port)" mode, so the measurement will follow this same test.

For EUT 1, 2:

The EUTs have 17 modes as below:

Mode 1: EUT_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R4:2.4GHz+R6:UWB+R7:GPS

Mode 2: EUT_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R4:2.4GHz+R6:UWB+R7:GPS

Mode 3: EUT_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R4:2.4GHz+R6:UWB+R7:GPS

Mode 4: EUT_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R4:2.4GHz+R6:UWB+R7:GPS

Mode 5: EUT_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R6:UWB+R7:GPS

Mode 6: EUT_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R6:UWB+R7:GPS

Mode 7: EUT_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R6:UWB+R7:GPS

Mode 8: EUT_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R6:UWB+R7:GPS

Mode 9: EUT_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R5:Bluetooth+R6:UWB+R7:GPS

Mode 10: EUT_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R5:Bluetooth+R6:UWB+R7:GPS

Mode 11: EUT_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R5:Zigbee(TX)+R6:UWB+R7:GPS

Mode 12: EUT_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R5:Zigbee(RX)+R6:UWB+R7:GPS

Mode 13: EUT_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R5:Zigbee(TX)+R6:UWB+R7:GPS

Mode 14: EUT_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R5:Zigbee(RX)+R6:UWB+R7:GPS

Mode 15: EUT_R1:6GHz UNII 5+R2:5GHz UNII 1-4+R5:Zigbee(TX)+R6:UWB+R7:GPS

Mode 16: EUT_R1:6GHz UNII 5+R2:5GHz UNII 1-4+R5:Zigbee(RX)+R6:UWB+R7:GPS

Mode 17: EUT_R2:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Bluetooth+ R6:UWB+R7:GPS

And, from above the worst case was found at Mode 1. So the measurement will follow this same test configuration.

For EUT 3:

The EUT has 12 modes as below:

Mode 1: EUT_R2:5GHz UNII 1,2A+R4:2.4GHz+R6:UWB+R7:GPS

Mode 2: EUT_R2:5GHz UNII 2C-3+R4:2.4GHz+R6:UWB+R7:GPS

Mode 3: EUT_R2:5GHz UNII 1,2A+R3:2.4GHz+R6:UWB+R7:GPS

Mode 4: EUT_R2:5GHz UNII 2C-3+R3:2.4GHz+R6:UWB+R7:GPS

Mode 5: EUT_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R5:Bluetooth+R6:UWB+R7:GPS

Mode 6: EUT_R2:5GHz UNII 1,2A+R5:Zigbee(TX)+R6:UWB+R7:GPS

Mode 7: EUT_R2:5GHz UNII 1,2A+R5:Zigbee(RX)+R6:UWB+R7:GPS

Mode 8: EUT_R2:5GHz UNII 2C-3+R5:Zigbee(TX)+R6:UWB+R7:GPS



Mode 9: EUT_R2:5GHz UNII 2C-3+R5:Zigbee(RX)+R6:UWB+R7:GPS

Mode 10: EUT_R2:5GHz UNII 1-3+R5:Zigbee(TX)+R6:UWB+R7:GPS

Mode 11: EUT_R2:5GHz UNII 1-3+R5:Zigbee(RX)+R6:UWB+R7:GPS

Mode 12: EUT_R2:5GHz UNII 1,2A+R5:Bluetooth+ R6:UWB+R7:GPS

And, from above the worst case was found at Mode 1. So the measurement will follow this same test configuration.

1	EUT 1 in Z axis_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R4:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
2	EUT 2 in Z axis_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R4:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)
3	EUT 3 in Z axis_R2:5GHz UNII 1,2A+R4:2.4GHz+R6:UWB+R7:GPS+PoE(Powered from Eth0+PoE port)

For operating mode 2 is the worst case and it was record in this test report.

Operating Mode > 1GHz	CTX
1. After evaluating, the worst-case axis was found as below. So the measurement will follow this same test configuration.	
2. The EUT performed the test at Beam 1-Beam 8 and Omni. After evaluating, the worst case was found as below, so the measurement will follow this same test.	
1	EUT 1 in Y axis_R5+Ant.15 (Beam 4)
2	EUT 1 in Y axis_R5+Ant.16
3	EUT 2 in Z axis_R5+Ant.15 (Omni)
4	EUT 2 in Y axis_R5+Ant.16
5	EUT 3 in Y axis_R5+Ant.15 (Beam 1)
6	EUT 3 in Y axis_R5+Ant.16



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+R5:Bluetooth +R6:UWB
2	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+ R5:Bluetooth+R6:UWB
3	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+ R5:Bluetooth+R6:UWB
4	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:2.4GHz+R5:Bluetooth +R6:UWB
5	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+ R5:Bluetooth+R6:UWB
6	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+ R5:Bluetooth+R6:UWB
7	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:2.4GHz+R5:Zigbee +R6:UWB
8	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+ R5:Zigbee+R6:UWB
9	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+ R5:Zigbee+R6:UWB
10	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+ R6:UWB
11	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+ R5:Zigbee+R6:UWB
12	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+ R5:Zigbee+R6:UWB
13	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+ R5:Bluetooth +R6:UWB
14	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+ R5:Bluetooth+R6:UWB
15	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+ R5:Bluetooth+R6:UWB
16	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+ R4:2.4GHz+ R5:Bluetooth +R6:UWB
17	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+ R5:Bluetooth+R6:UWB
18	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+ R5:Bluetooth+R6:UWB



19	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+R5:Zigbee+R6:UWB
20	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
21	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
22	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+ R4:2.4GHz+R5:Zigbee+R6:UWB
23	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
24	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
25	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Bluetooth+R6:UWB
26	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
27	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
28	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Zigbee+R6:UWB
29	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
30	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
31	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Bluetooth+R6:UWB
32	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
33	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
34	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Zigbee+R6:UWB
35	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
36	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
37	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Bluetooth+R6:UWB
38	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
39	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB



40	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+ R4:2.4GHz+ R5:Zigbee+R6:UWB
41	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+ R5:Zigbee+R6:UWB
42	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+ R5:Zigbee+R6:UWB
43	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+ R4:2.4GHz+ R5:Bluetooth+R6:UWB
44	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+ R5:Bluetooth+R6:UWB
45	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+ R5:Bluetooth+R6:UWB
46	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+ R4:2.4GHz+ R5:Zigbee+R6:UWB
47	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+ R5:Zigbee+R6:UWB
48	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+ R5:Zigbee+R6:UWB
49	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+R5:Bluetooth +R6:UWB
50	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+ R5:Bluetooth+R6:UWB
51	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+ R5:Bluetooth+R6:UWB
52	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:2.4GHz+R5:Bluetooth +R6:UWB
53	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+ R5:Bluetooth+R6:UWB
54	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+ R5:Bluetooth+R6:UWB
55	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:2.4GHz+R5:Zigbee +R6:UWB
56	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+ R5:Zigbee+R6:UWB
57	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+ R5:Zigbee+R6:UWB
58	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+ R6:UWB
59	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+ R5:Zigbee+R6:UWB
60	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+ R5:Zigbee+R6:UWB



61	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+ R5:Bluetooth+R6:UWB
62	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+ R5:Bluetooth+R6:UWB
63	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+ R5:Bluetooth+R6:UWB
64	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+ R4:2.4GHz+ R5:Bluetooth+R6:UWB
65	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+ R5:Bluetooth+R6:UWB
66	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+ R5:Bluetooth+R6:UWB
67	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+R5:Zigbee+R6:UWB
68	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+ R5:Zigbee+R6:UWB
69	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+ R5:Zigbee+R6:UWB
70	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+ R4:2.4GHz+R5:Zigbee+R6:UWB
71	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+ R5:Zigbee+R6:UWB
72	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+ R5:Zigbee+R6:UWB
73	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+ R5:Bluetooth+R6:UWB
74	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+ R5:Bluetooth+R6:UWB
75	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+ R5:Bluetooth+R6:UWB
76	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+ R5:Zigbee+R6:UWB
77	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+ R5:Zigbee+R6:UWB
78	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+ R5:Zigbee+R6:UWB
79	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+ R5:Bluetooth+R6:UWB
80	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+ R5:Bluetooth+R6:UWB
81	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+ R5:Bluetooth+R6:UWB



82	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+ R5:Zigbee+R6:UWB
83	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+ R5:Zigbee+R6:UWB
84	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+ R5:Zigbee+R6:UWB
85	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+ R4:2.4GHz+ R5:Bluetooth+R6:UWB
86	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+ R5:Bluetooth+R6:UWB
87	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+ R5:Bluetooth+R6:UWB
88	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+ R4:2.4GHz+ R5:Zigbee+R6:UWB
89	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+ R5:Zigbee+R6:UWB
90	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+ R5:Zigbee+R6:UWB
91	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+ R4:2.4GHz+ R5:Bluetooth+R6:UWB
92	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+ R5:Bluetooth+R6:UWB
93	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+ R5:Bluetooth+R6:UWB
94	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+ R4:2.4GHz+ R5:Zigbee+R6:UWB
95	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+ R5:Zigbee+R6:UWB
96	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+ R5:Zigbee+R6:UWB
97	EUT 3_R2:5GHz UNII 1,2A+R3:2.4GHz+R4:2.4GHz+R5:Bluetooth+R6:UWB
98	EUT 3_R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-3+R5:Bluetooth+R6:UWB
99	EUT 3_R2:5GHz UNII 2C-3+R3:2.4GHz+R4:2.4GHz+R5:Bluetooth+R6:UWB
100	EUT 3_R2:5GHz UNII 2C-3+R3:2.4GHz+R4:5GHz UNII 1-3+R5:Bluetooth+R6:UWB
101	EUT 3_R2:5GHz UNII 1,2A+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB
102	EUT 3_R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-3+R5:Zigbee+R6:UWB
103	EUT 3_R2:5GHz UNII 2C-3+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB
104	EUT 3_R2:5GHz UNII 2C-3+R3:2.4GHz+R4:5GHz UNII 1-3+R5:Zigbee+R6:UWB



105	EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R4:2.4GHz+R5:Bluetooth+R6:UWB
106	EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-3+R5:Bluetooth+R6:UWB
107	EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R4:2.4GHz+R5:Zigbee+R6:UWB
108	EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-3+R5:Zigbee+R6:UWB
Refer to Sporton Test Report No.: FA4O0708 for Co-location RF Exposure Evaluation.	

Note1: R means Radio.

Note2: The PoE is for measurement only, would not be marketed.

The information of PoE as below:

Power	Brand Name	Model Name
PoE	PHIHONG	POE60U-BTA

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
Bracket*1
Antenna Bracket of Ant. 1 (Used for EUT 3) Note

Note: Optional, not sold with EUT.



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	PHIHONG	POE60U-BTA	N/A
B	Flash disk3.0	Transcend	JetFlash-703	N/A
C	ETH0 PC	ASUS	S300TA	TX2-RTL8821CE
D	ETH1 PC	ASUS	S300TA	TX2-RTL8821CE
E	6GH NB	DELL	E6230	N/A
F	5GH NB	DELL	E6430	N/A
G	2.4G NB	DELL	E6430	N/A
H	6G module	INTEL	BE200	PD9BE200NG
I	GPS Simulator	WELNAVIGATE	GS-100	N/A
J	Device	Juniper	AP47	N/A
K	Device PC	ASUS	S300TA	TX2-RTL8821CE

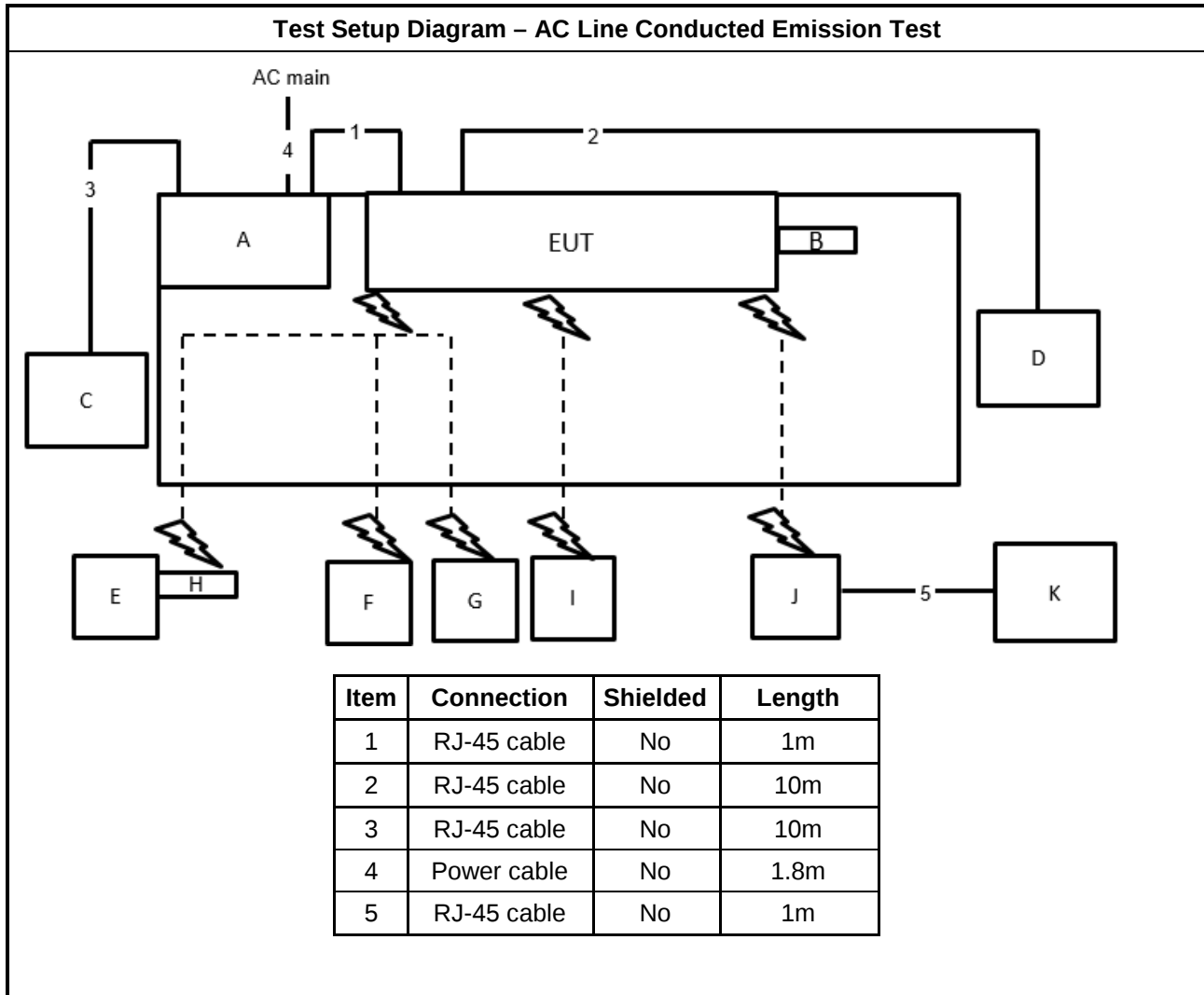
For Radiated (below 1GHz):

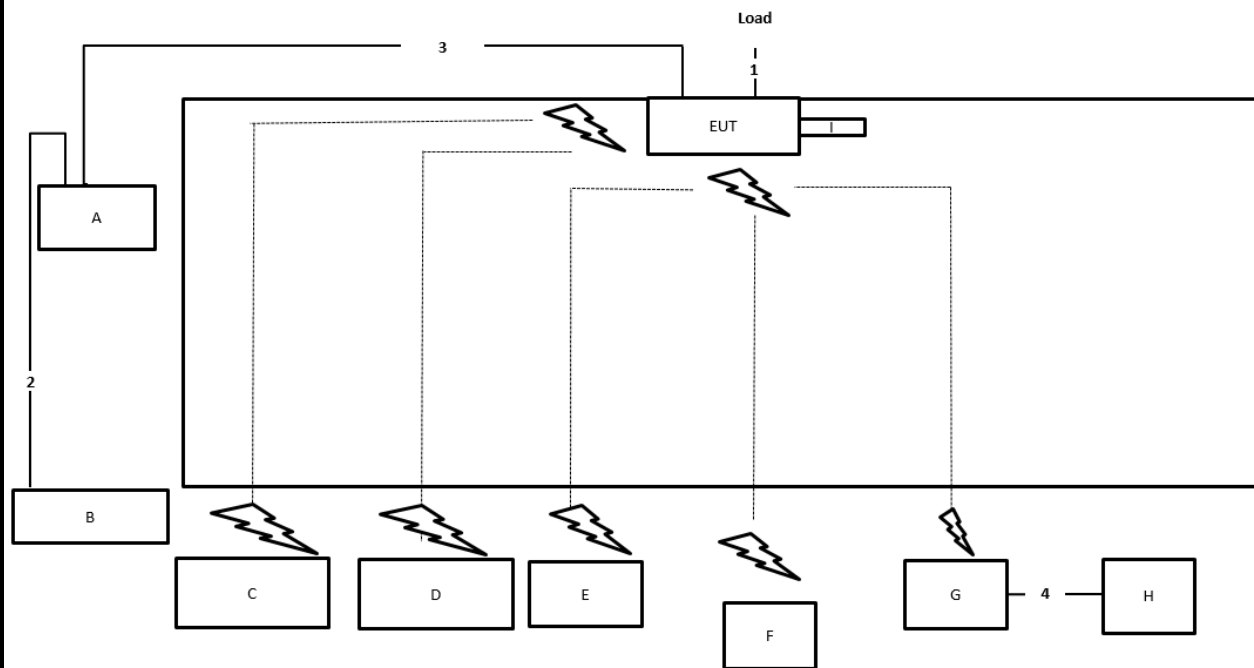
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	PHIHONG	POE60U-BTA	N/A
B	10G PC	DELL	T3400	N/A
C	2.4G NB	DELL	E4300	N/A
D	5G NB	DELL	E4300	N/A
E	6G NB	DELL	E4300	N/A
F	GPS Simulator	WELNAVIGATE	GS-100	N/A
G	Device	Juniper	AP47	N/A
H	10G PC	DELL	T3400	N/A
I	Flash disk3.0	Silicon Power	B06	N/A

For Radiated (above 1GHz) and RF Conducted:

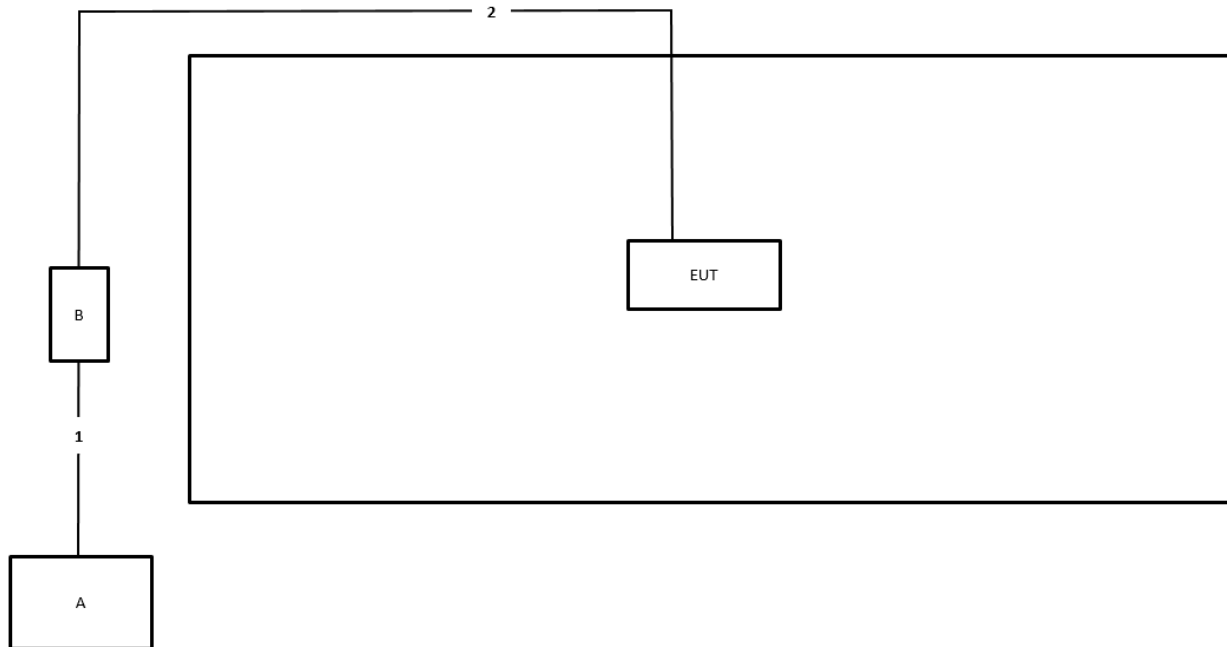
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	PHIHONG	POE60U-BTA	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	RJ-45 cable(Load*1)	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz


Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

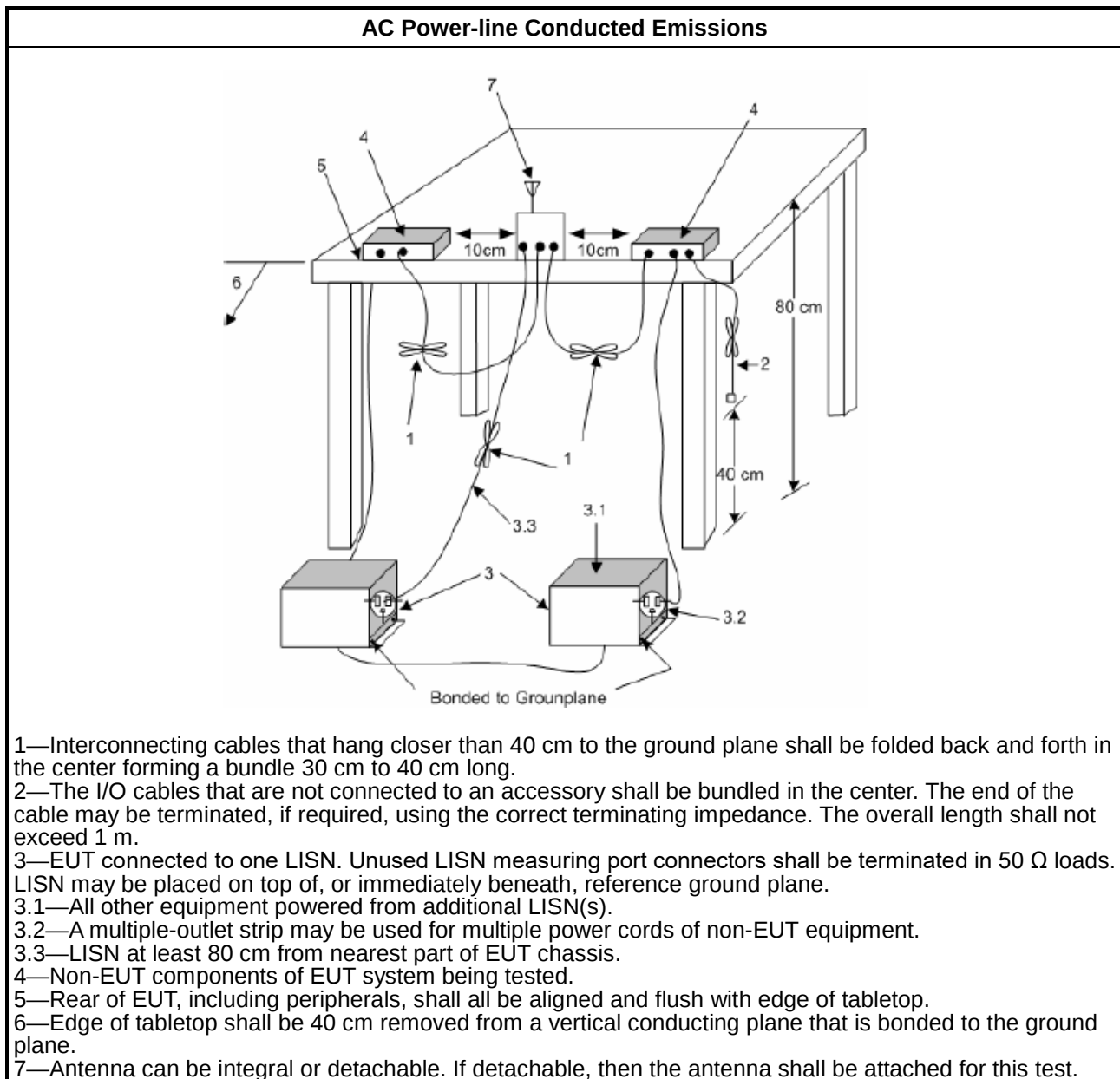
3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method
▪ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



1.1.1. Measurement Results Calculation

The measured Level is calculated using:

- a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- b. Margin = -Limit + Level

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
6 dB bandwidth $\geq$ 500 kHz.

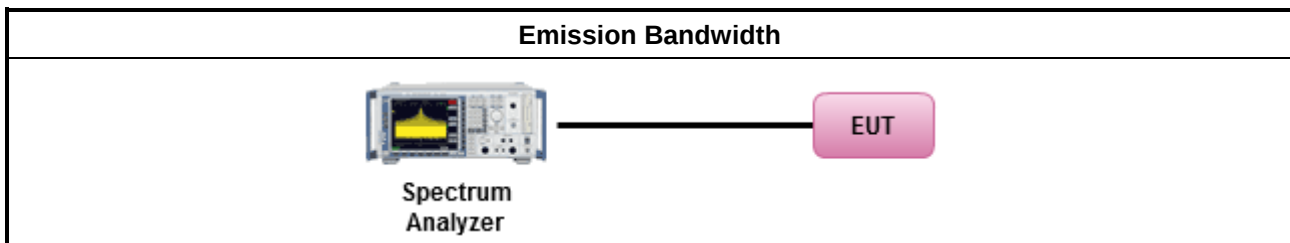
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method
For the emission bandwidth shall be measured using one of the options below:
☒ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	▪ Smart antenna system (SAS):
	- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

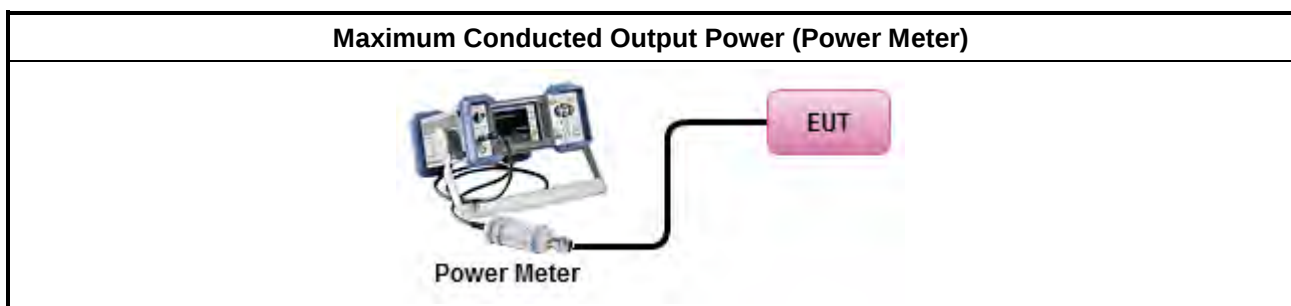
3.3.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
☐	Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
Maximum Conducted Output Power	
[duty cycle ≥ 98% or external video / power trigger]	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
duty cycle < 98% and average over on/off periods with duty factor	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
Measurement using a power meter (PM)	
☐	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
☒	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup





3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
▪ Power Spectral Density (PSD) ≤ 8 dBm/3kHz

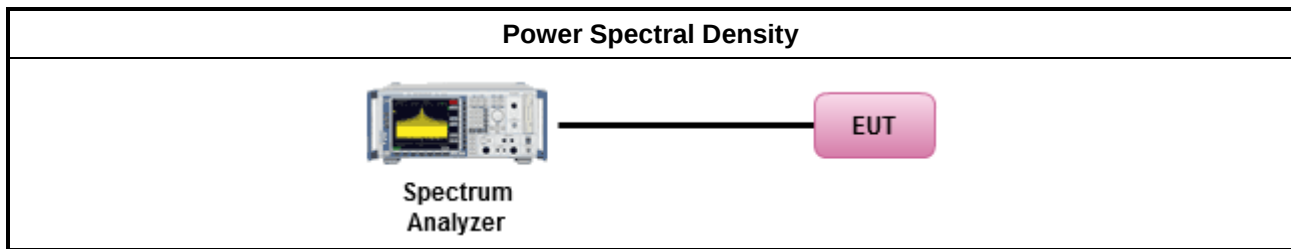
3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method	
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).	
☒	Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD. [duty cycle $\geq 98\%$ or external video / power trigger]
▪ For conducted measurement.	
▪ If The EUT supports multiple transmit chains using options given below:	
☐	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add $10 \log(N)$ dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with $10 \log(N)$. Or each transmit chains shall be add $10 \log(N)$ to compared with the limit.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dBc)
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.	

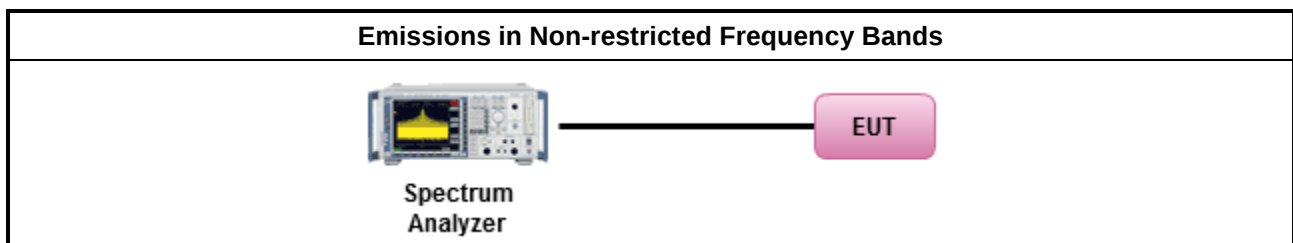
3.5.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method
Refer as FCC KDB 558074, clause 8.5 for unwanted emissions into non-restricted bands.

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions Limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB / decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

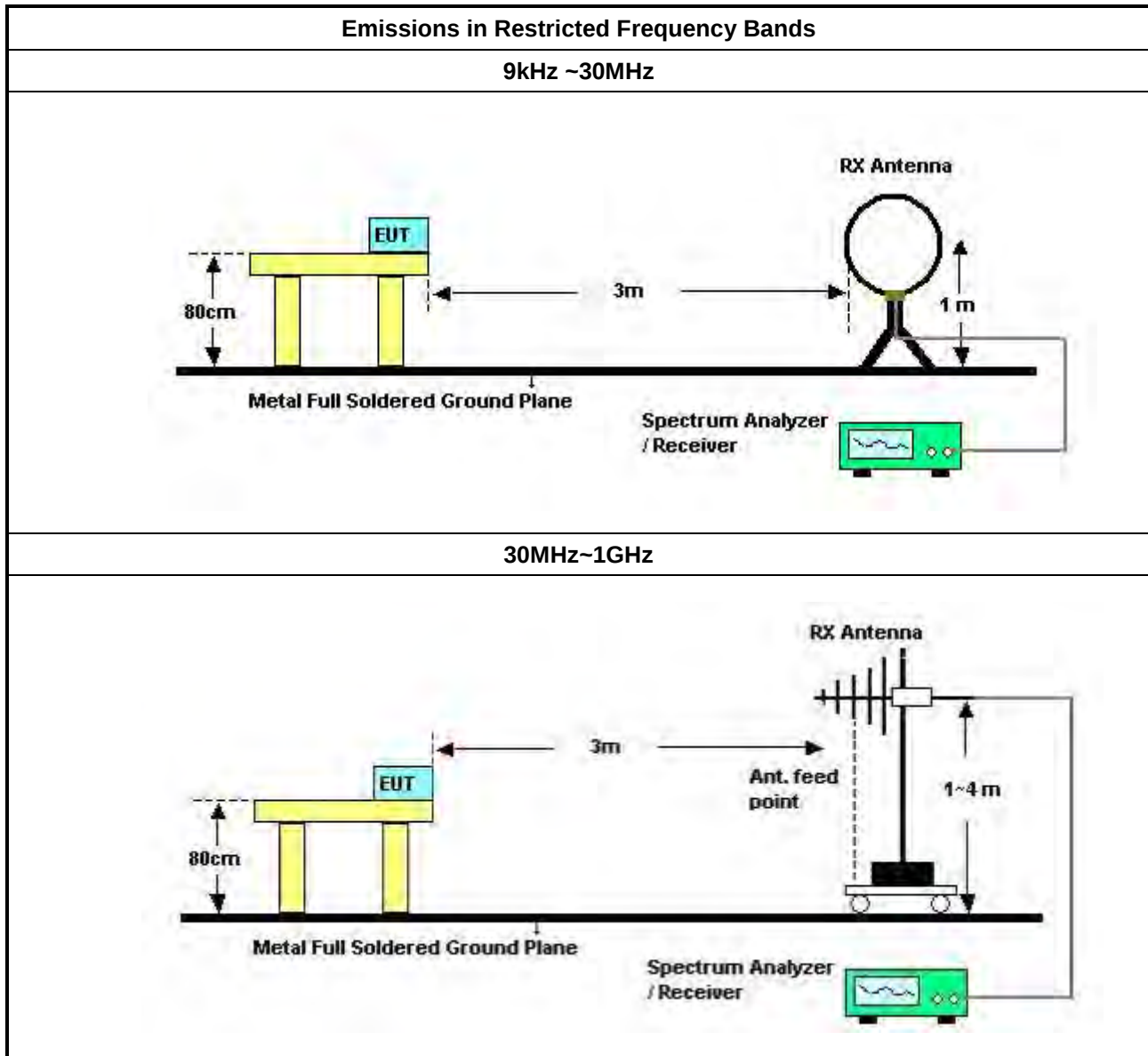
3.6.2 Measuring Instruments

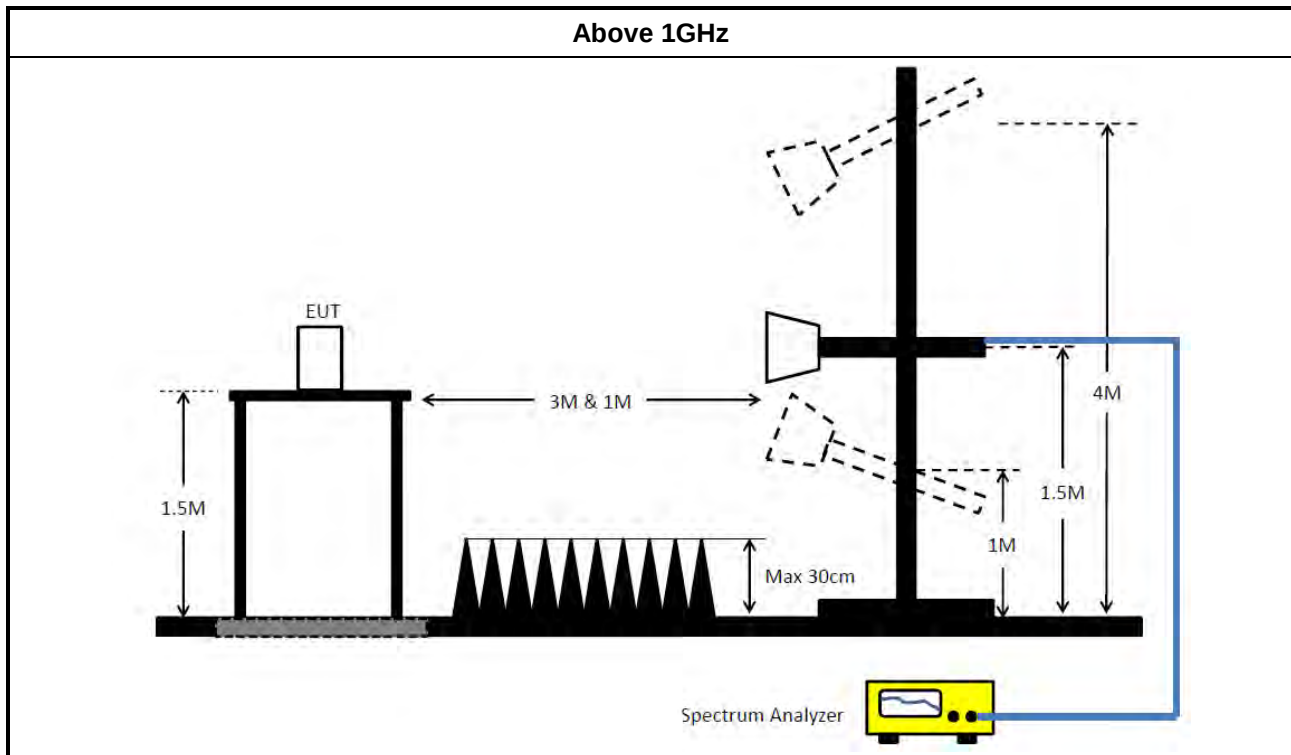
Refer a test equipment and calibration data table in this test report.

**3.6.3 Test Procedures**

Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
▪ For the transmitter unwanted emissions shall be measured using following options below:	
	▪ Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle $\geq 98\%$).
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW $\geq 1/T$).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq 1/T$, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:	
	▪ Refer as FCC KDB 558074 clause 8.7 & c63.10 clause 11.13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	▪ Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

3.6.4 Test Setup





3.6.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Apr. 15, 2024	Apr. 14, 2025	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 15, 2024	May 14, 2025	Conduction (CO02-CB)
COND Cable	Woken	Cable	02	0.15MHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO02-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO02-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 24, 2024	Mar. 23, 2025	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 12, 2024	Apr. 11, 2025	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA917025 2	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Aug. 14, 2024	Aug. 13, 2025	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE-15247_FS	V5.11.18	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 03, 2024	May 02, 2025	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jul. 11, 2024	Jul. 10, 2025	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA917025 2	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	SGH	SGH1840	20230109-3	18~40GHz	Jan. 12, 2024	Jan. 11, 2025	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-15247_FS	V5.11.18	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 01, 2024	Jul. 31, 2025	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 23, 2024	Mar. 22, 2025	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 02, 2024	May 01, 2025	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 2025	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 27, 2024	Aug. 26, 2025	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 18, 2024	Oct. 17, 2025	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 18, 2024	Oct. 17, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)



RADIO TEST REPORT

Report No. : FR4O0708AE

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Switch	SPTCB	SP-SWI	SWI-02	1-18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH02-CB)
Test Software	SPORTON	SENSE-15247_FS	V5.11.18	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Conducted (TH02-CB)

Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.



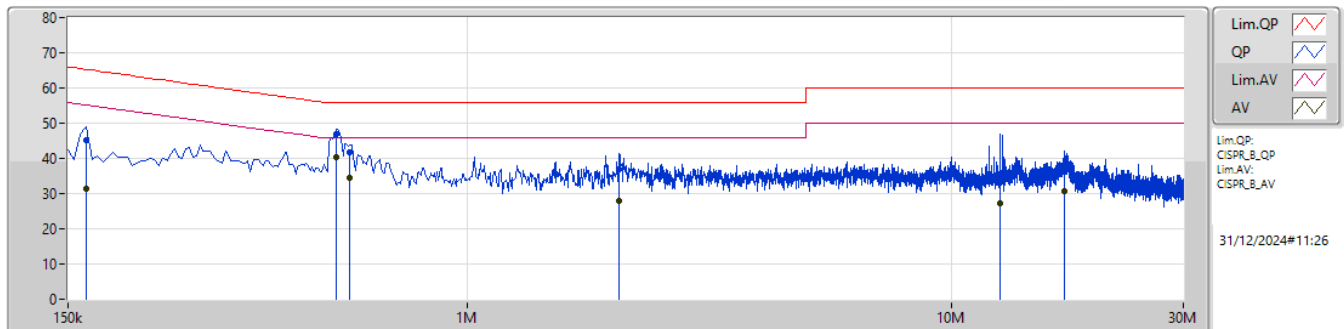
Conducted Emissions at Powerline

Appendix A

Summary

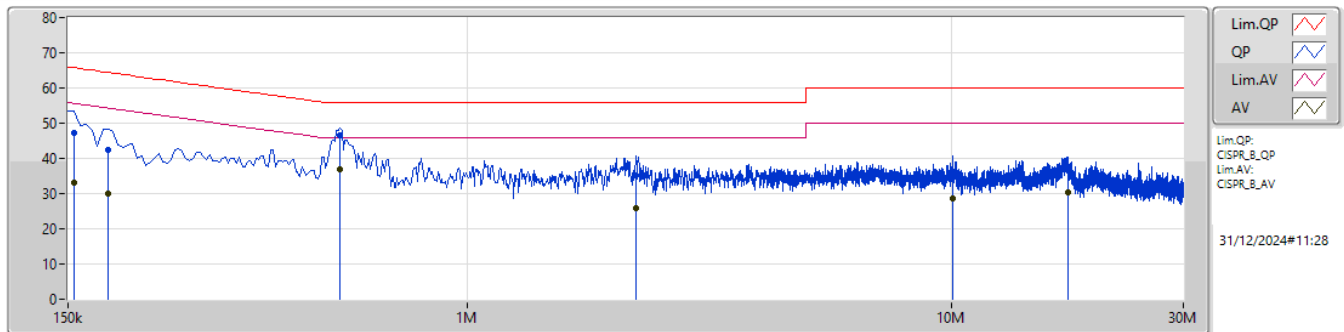
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 8	Pass	AV	537k	40.48	46.00	-5.52	Line

Mode 8



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	163.5k	45.28	65.27	-19.99	10.15	Line	-	35.13	0.05	0.08	10.02						
AV	163.5k	31.53	55.27	-23.74	10.15	Line	-	21.38	0.05	0.08	10.02						
QP	537k	46.85	56.00	-9.15	10.19	Line	-	36.66	0.06	0.10	10.03						
AV	537k	40.48	46.00	-5.52	10.19	Line	"Worst"	30.29	0.06	0.10	10.03						
QP	573k	41.79	56.00	-14.21	10.19	Line	-	31.60	0.06	0.10	10.03						
AV	573k	34.50	46.00	-11.50	10.19	Line	-	24.31	0.06	0.10	10.03						
QP	2.058M	36.96	56.00	-19.04	10.24	Line	-	26.72	0.09	0.14	10.01						
AV	2.058M	27.83	46.00	-18.17	10.24	Line	-	17.59	0.09	0.14	10.01						
QP	12.566M	33.43	60.00	-26.57	10.51	Line	-	22.92	0.30	0.19	10.02						
AV	12.566M	27.33	50.00	-22.67	10.51	Line	-	16.82	0.30	0.19	10.02						
QP	17.039M	37.03	60.00	-22.97	10.65	Line	-	26.38	0.36	0.27	10.02						
AV	17.039M	30.70	50.00	-19.30	10.65	Line	-	20.05	0.36	0.27	10.02						

Mode 8



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.5k	47.41	65.75	-18.34	10.15	Neutral	-	37.26	0.05	0.08	10.02						
AV	154.5k	33.04	55.75	-22.71	10.15	Neutral	-	22.89	0.05	0.08	10.02						
QP	181.5k	42.38	64.41	-22.03	10.14	Neutral	-	32.24	0.05	0.07	10.02						
AV	181.5k	29.89	54.41	-24.52	10.14	Neutral	-	19.75	0.05	0.07	10.02						
QP	546k	46.68	56.00	-9.32	10.18	Neutral	-	36.50	0.05	0.10	10.03						
AV	546k	36.77	46.00	-9.23	10.18	Neutral	"Worst"	26.59	0.05	0.10	10.03						
QP	2.234M	35.34	56.00	-20.66	10.24	Neutral	-	25.10	0.08	0.14	10.02						
AV	2.234M	25.99	46.00	-20.01	10.24	Neutral	-	15.75	0.08	0.14	10.02						
QP	10.05M	35.92	60.00	-24.08	10.37	Neutral	-	25.55	0.21	0.15	10.01						
AV	10.05M	28.56	50.00	-21.44	10.37	Neutral	-	18.19	0.21	0.15	10.01						
QP	17.3M	36.67	60.00	-23.33	10.54	Neutral	-	26.13	0.25	0.27	10.02						
AV	17.3M	30.34	50.00	-19.66	10.54	Neutral	-	19.80	0.25	0.27	10.02						



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-LE(1Mbps)	735k	1.041M	1M04F1D	693.75k	1.033M
BT-LE(2Mbps)	1.343M	2.085M	2M09F1D	995k	2.071M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

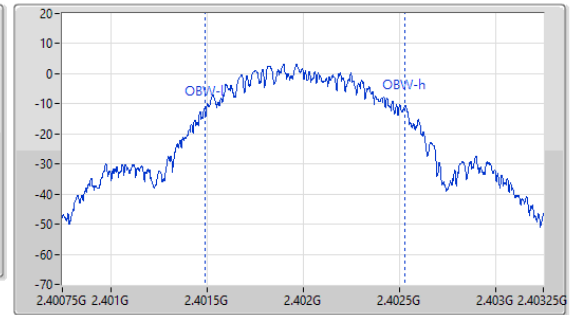
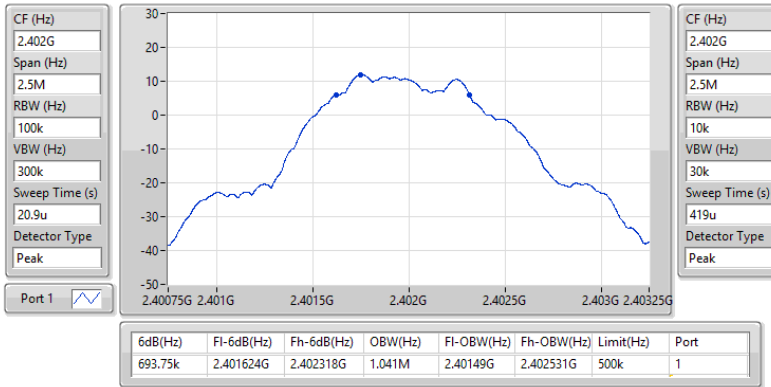
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	500k	693.75k	1.041M
2440MHz	Pass	500k	735k	1.034M
2480MHz	Pass	500k	700k	1.033M
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	500k	1.343M	2.074M
2440MHz	Pass	500k	1.198M	2.085M
2480MHz	Pass	500k	995k	2.071M

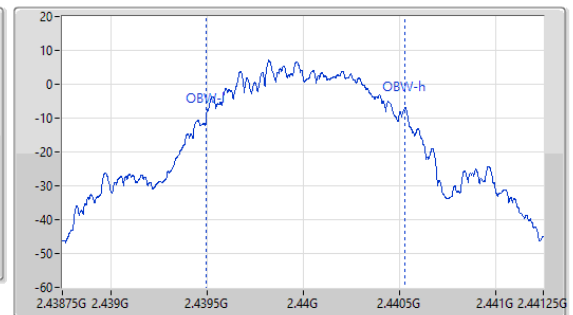
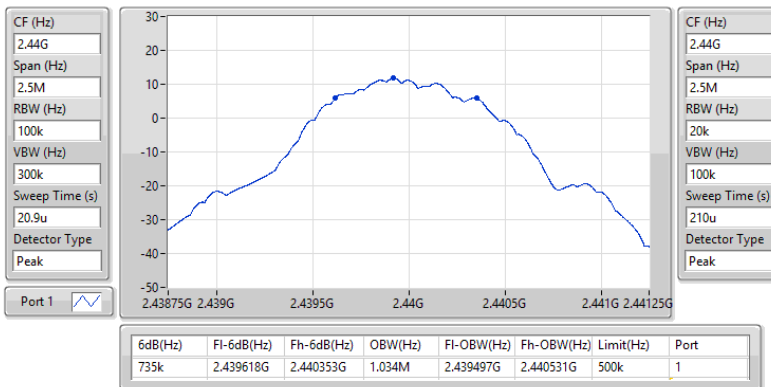
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_BT-LE(1Mbps)
EBW-DTS
2402MHz

17/01/2025

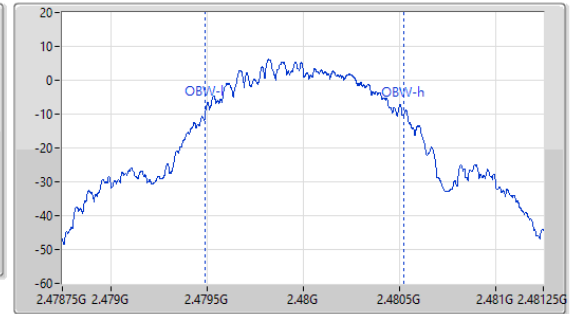
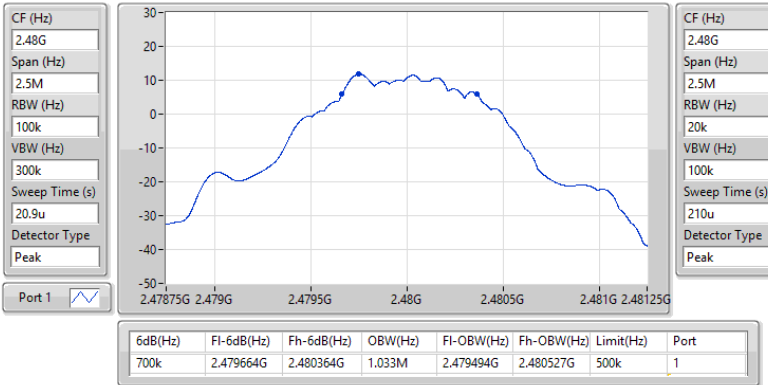

2.4-2.4835GHz_BT-LE(1Mbps)
EBW-DTS
2440MHz

17/01/2025

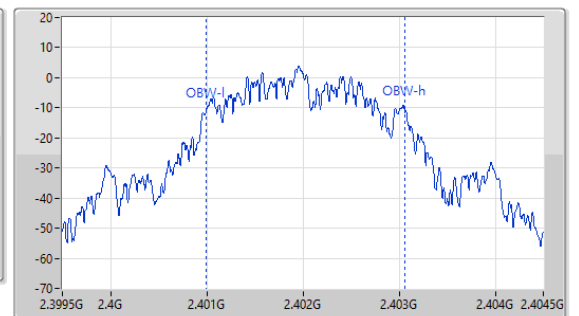
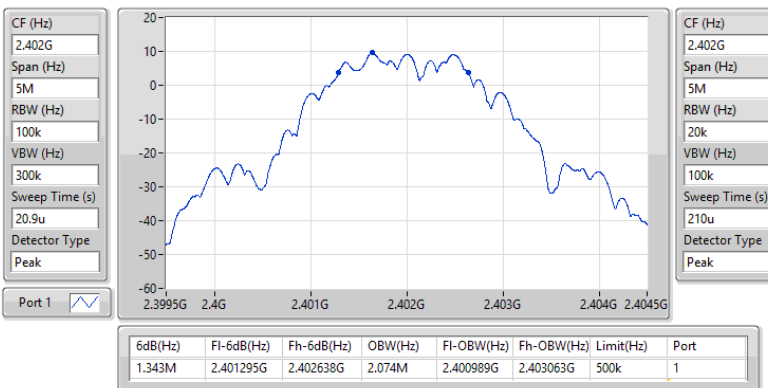


2.4-2.4835GHz_BT-LE(1Mbps)
EBW-DTS
2480MHz

17/01/2025

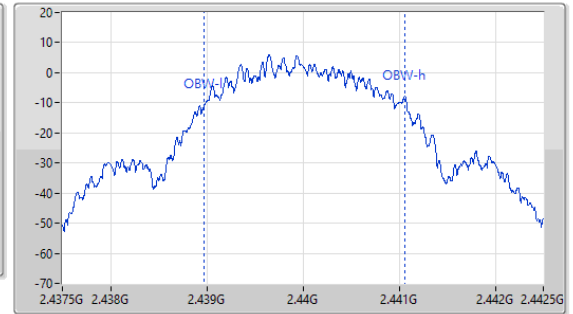
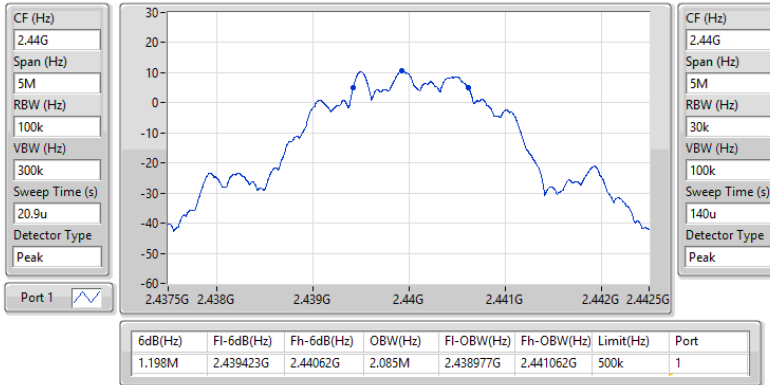

2.4-2.4835GHz_BT-LE(2Mbps)
EBW-DTS
2402MHz

17/01/2025

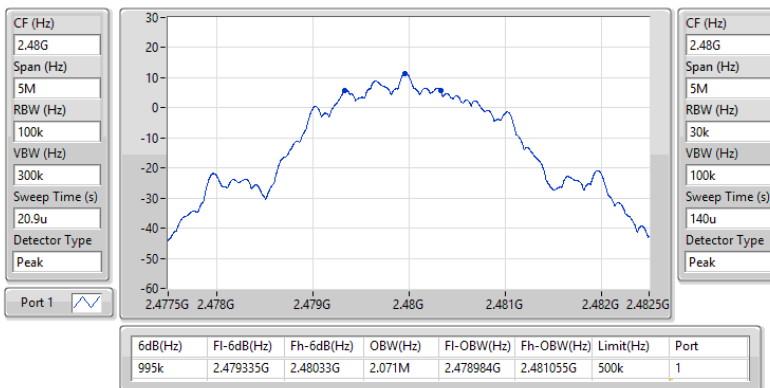


2.4-2.4835GHz_BT-LE(2Mbps)
EBW-DTS
2440MHz

17/01/2025


2.4-2.4835GHz_BT-LE(2Mbps)
EBW-DTS
2480MHz

17/01/2025





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	12.96	0.01977
BT-LE(2Mbps)	13.10	0.02042

**Result**

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	4.30	12.94	30.00
2440MHz	Pass	4.30	12.96	30.00
2480MHz	Pass	4.30	12.88	30.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	4.30	12.92	30.00
2440MHz	Pass	4.30	13.10	30.00
2480MHz	Pass	4.30	12.55	30.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
BT-LE(1Mbps)	-2.15
BT-LE(2Mbps)	-4.87

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	4.30	-3.18	8.00
2440MHz	Pass	4.30	-2.15	8.00
2480MHz	Pass	4.30	-2.68	8.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	4.30	-5.10	8.00
2440MHz	Pass	4.30	-4.87	8.00
2480MHz	Pass	4.30	-5.26	8.00

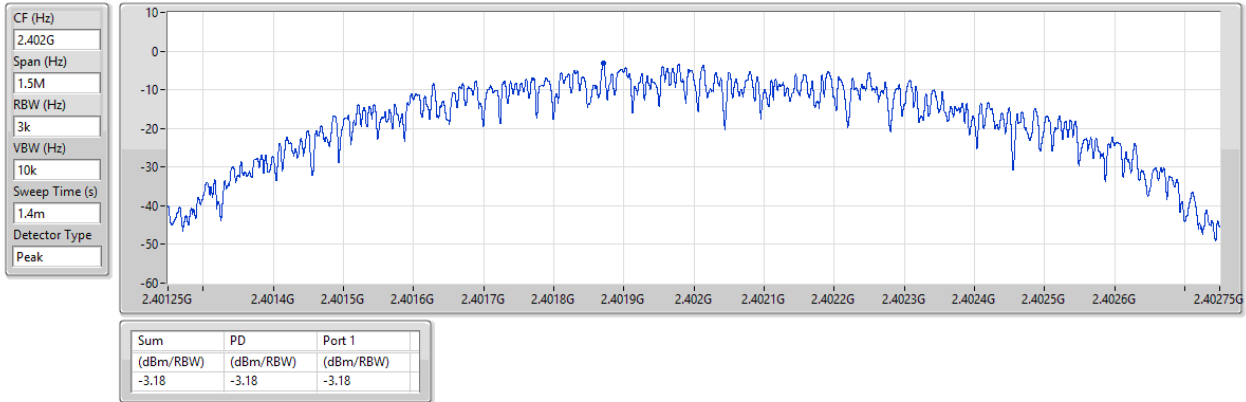
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2402MHz

17/01/2025

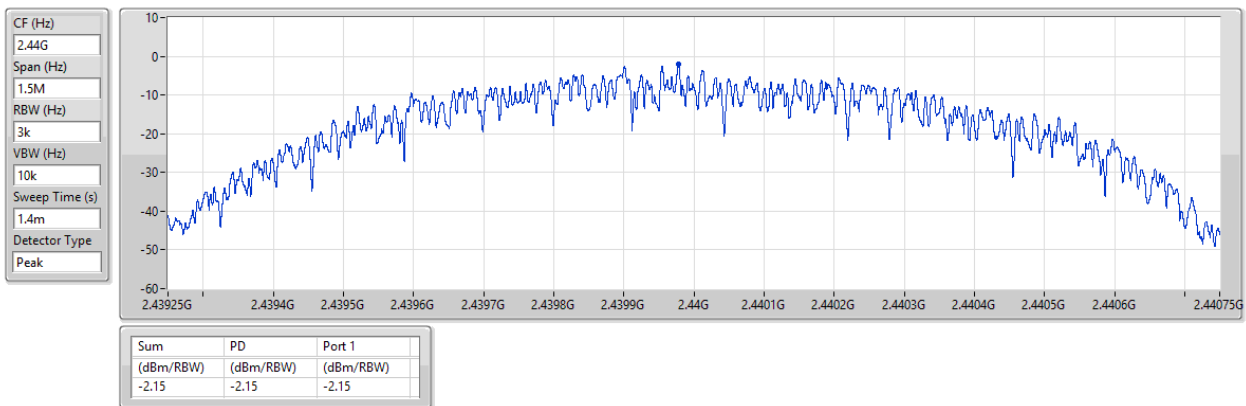


2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2440MHz

17/01/2025

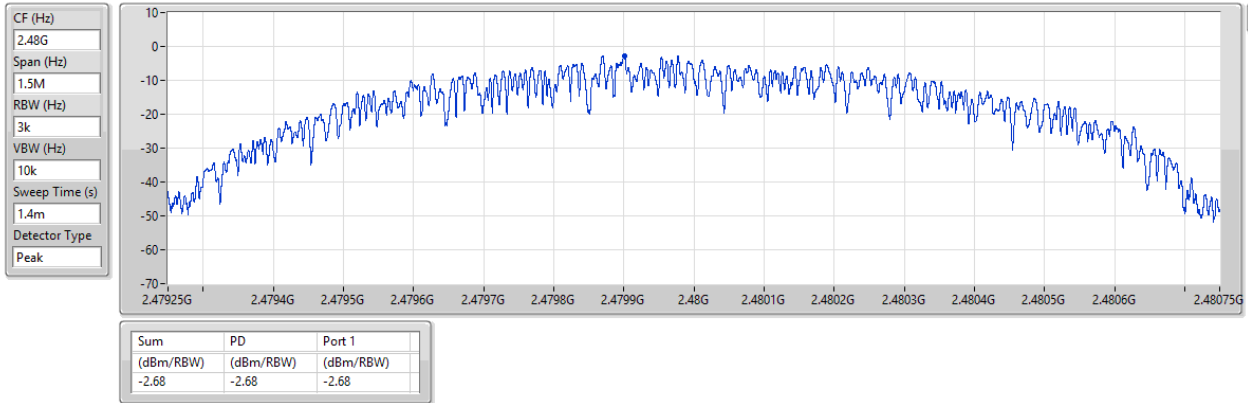


2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2480MHz

17/01/2025

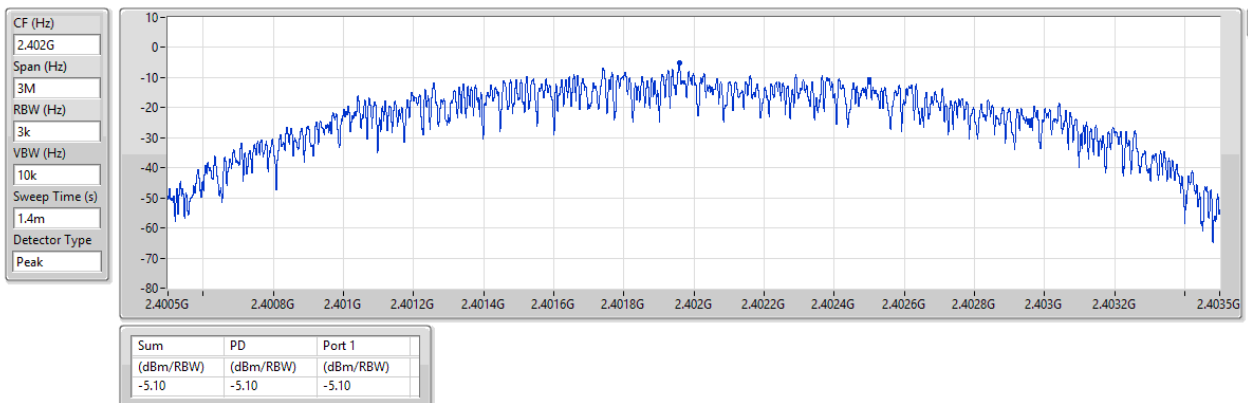


2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2402MHz

17/01/2025

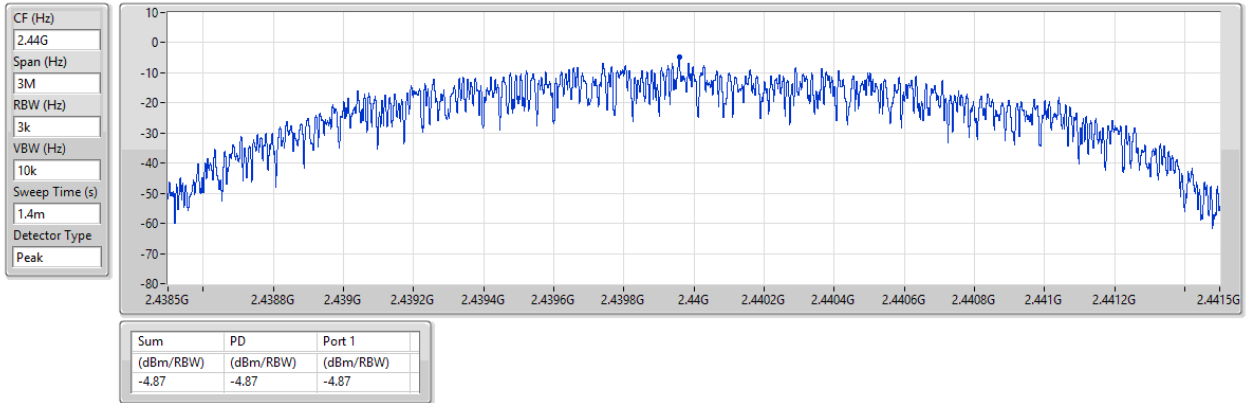


2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2440MHz

17/01/2025

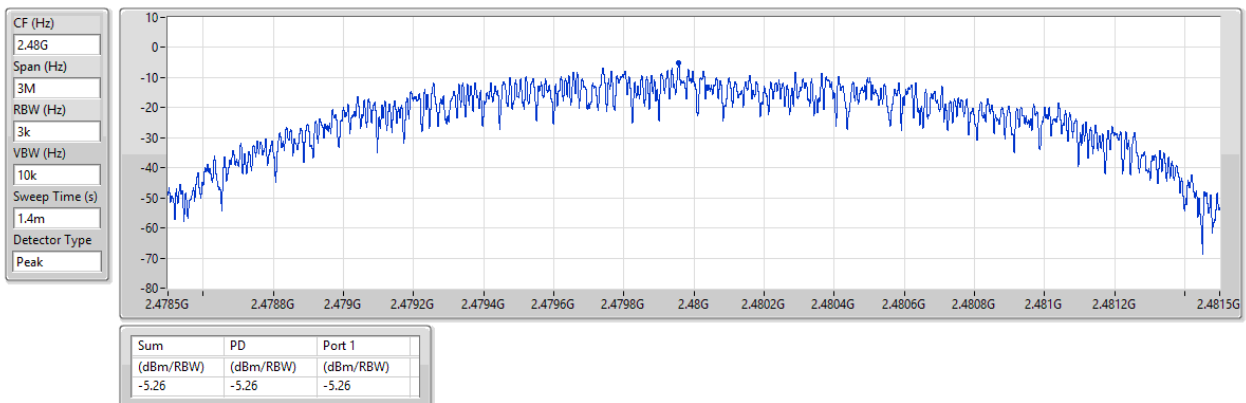


2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2480MHz

17/01/2025



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	2.44025G	12.68	-17.32	1.8724G	-53.16	2.4G	-45.34	2.4G	-43.89	2.5023G	-55.37	21.52991G	-45.28	1
BT-LE(2Mbps)	Pass	2.43991G	12.47	-17.53	84.05M	-54.05	2.4G	-20.43	2.4G	-22.50	2.50214G	-55.20	21.65646G	-44.62	1

Result

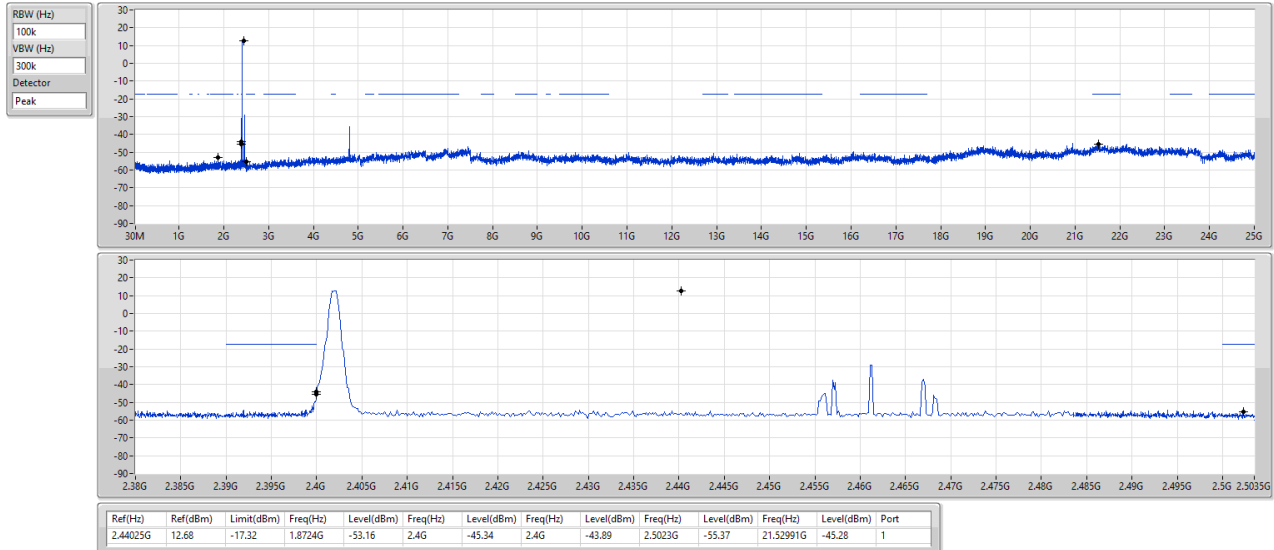
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.44025G	12.68	-17.32	1.8724G	-53.16	2.4G	-45.34	2.4G	-43.89	2.5023G	-55.37	21.52991G	-45.28	1
2440MHz	Pass	2.44025G	12.68	-17.32	813.73M	-52.49	2.39208G	-54.77	2.4G	-57.56	2.50218G	-55.11	21.55241G	-45.08	1
2480MHz	Pass	2.44025G	12.68	-17.32	826.65M	-54.24	2.39832G	-54.72	2.4G	-57.61	2.50026G	-53.20	22.00234G	-45.35	1
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.43991G	12.47	-17.53	84.05M	-54.05	2.4G	-20.43	2.4G	-22.50	2.50214G	-55.20	21.65646G	-44.62	1
2440MHz	Pass	2.43991G	12.47	-17.53	813.73M	-53.84	2.3966G	-54.94	2.4G	-57.41	2.50302G	-54.85	21.71832G	-45.66	1
2480MHz	Pass	2.43991G	12.47	-17.53	1.77605G	-54.21	2.39036G	-55.63	2.4G	-58.43	2.50014G	-53.29	21.76613G	-45.35	1

2.4-2.4835GHz_BT-LE(1Mbps)

CSEndB-DTS

2402MHz

17/01/2025

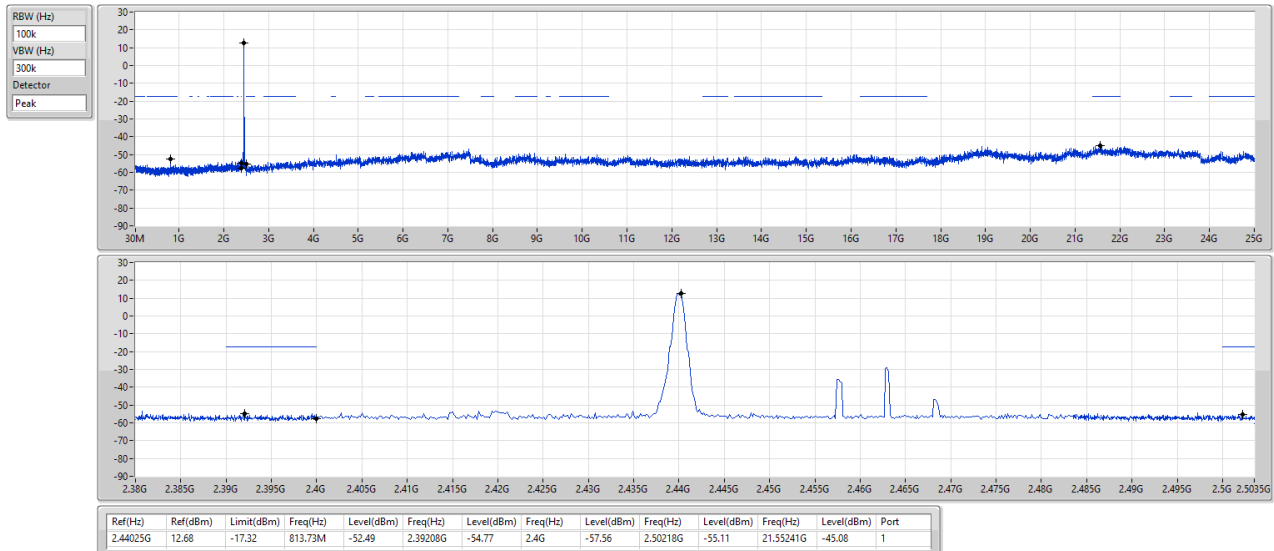


2.4-2.4835GHz_BT-LE(1Mbps)

CSEndB-DTS

2440MHz

17/01/2025



2.4-2.4835GHz_BT-LE(1Mbps)

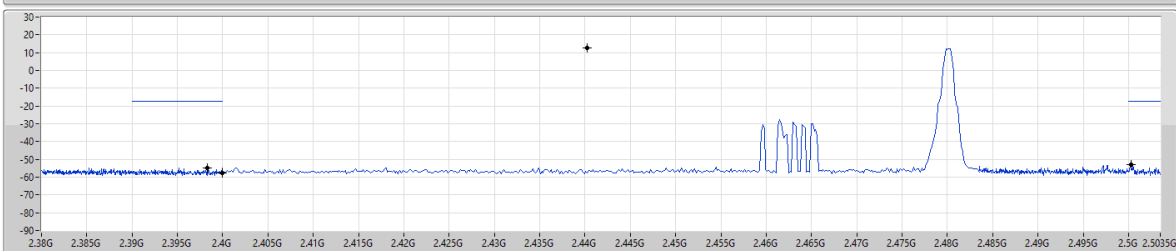
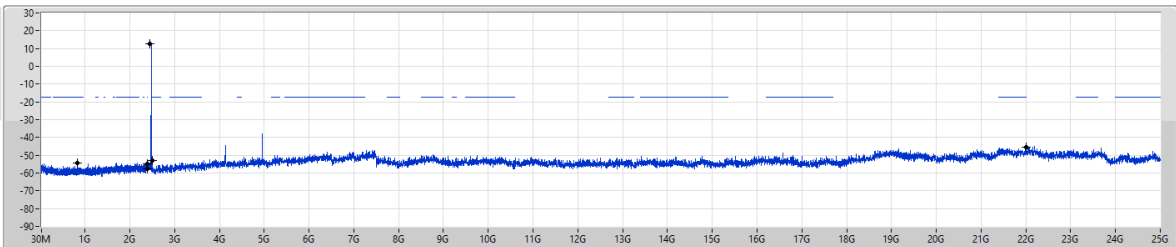
CSEndB-DTS

2480MHz

17/01/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44025G	12.68	-17.32	826.65M	-54.24	2.39832G	-54.72	2.4G	-57.61	2.50026G	-53.20	22.00234G	-45.35	1

2.4-2.4835GHz_BT-LE(2Mbps)

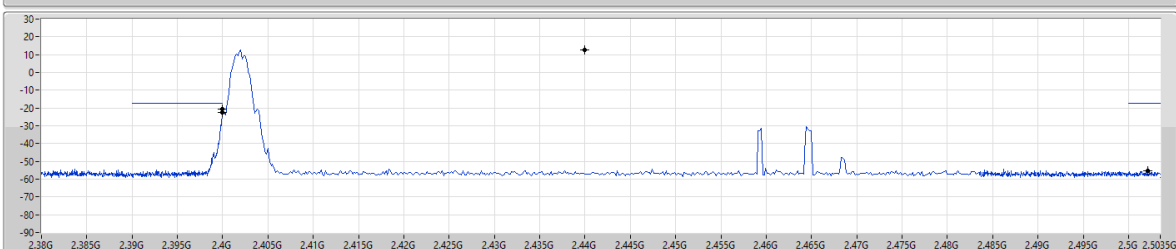
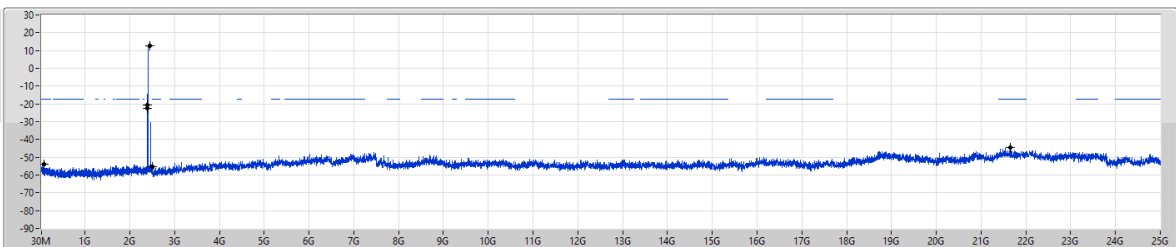
CSEndB-DTS

2402MHz

17/01/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43991G	12.47	-17.53	84.05M	-54.05	2.4G	-20.43	2.4G	-22.50	2.50214G	-55.20	21.65646G	-44.62	1

2.4-2.4835GHz_BT-LE(2Mbps)

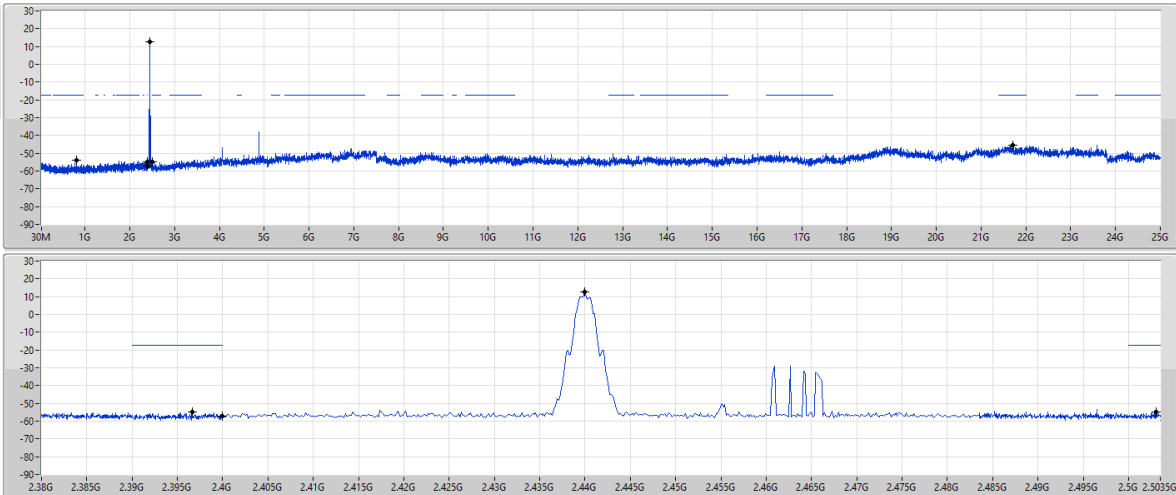
CSEndB-DTS

2440MHz

17/01/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1



2.4-2.4835GHz_BT-LE(2Mbps)

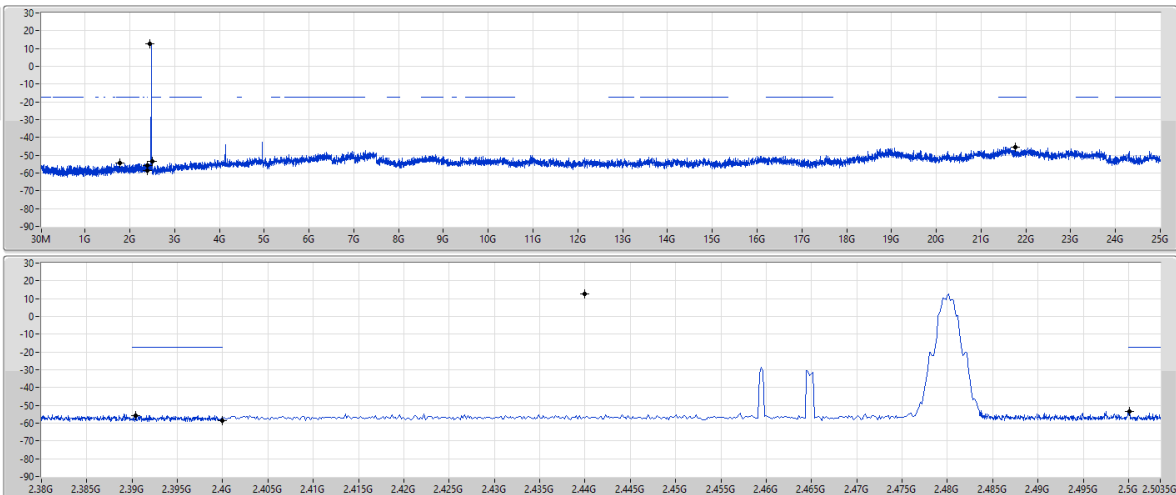
CSEndB-DTS

2480MHz

17/01/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1





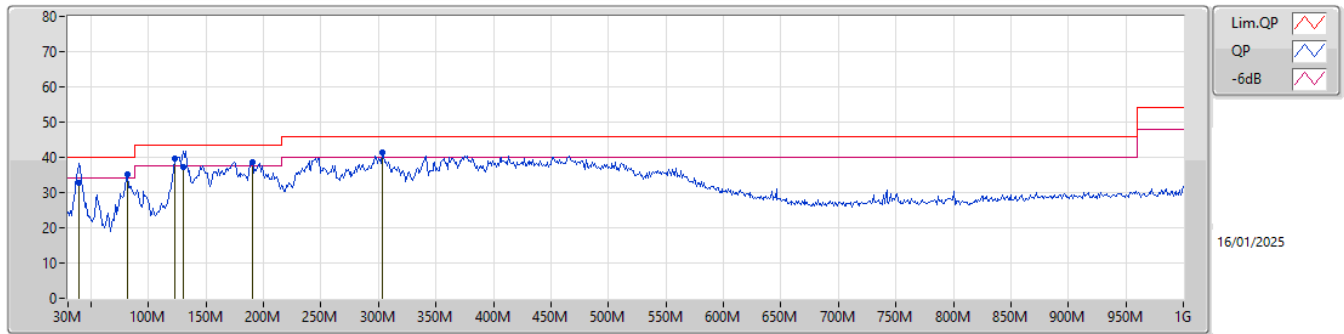
Radiated Emissions below 1GHz

Appendix F.1

Summary

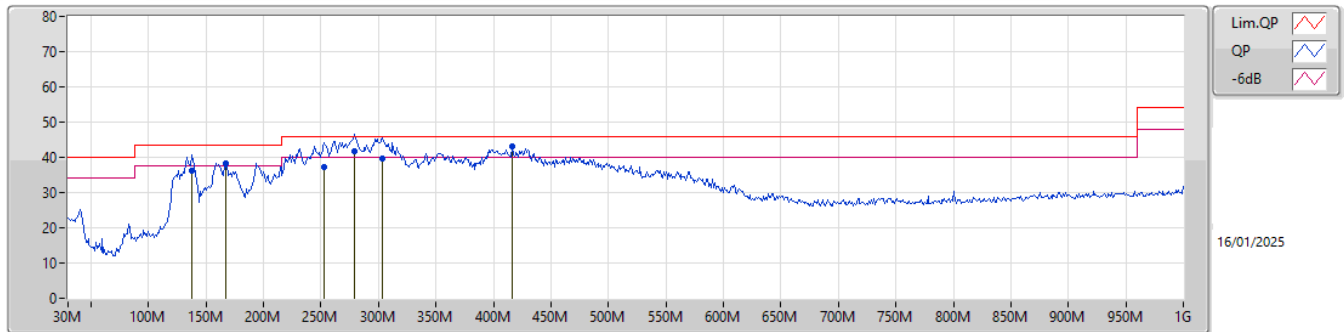
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	416.06M	42.94	46.00	-3.06	Horizontal

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	39.7M	32.87	40.00	-7.13	-11.25	3	Vertical	12	1.00	-	44.12	19.23	1.07	31.55		
PK	81.41M	35.34	40.00	-4.66	-17.05	3	Vertical	187	1.50	-	52.39	13.25	1.42	31.72		
PK	123.12M	39.59	43.50	-3.91	-11.87	3	Vertical	360	1.25	"Worst"	51.46	18.19	1.69	31.75		
QP	129.91M	37.11	43.50	-6.39	-12.04	3	Vertical	7	1.00	-	49.15	17.98	1.73	31.75		
PK	190.05M	38.72	43.50	-4.78	-14.71	3	Vertical	245	1.25	-	53.43	14.98	2.08	31.77		
PK	303.54M	41.49	46.00	-4.51	-9.91	3	Vertical	313	1.00	-	51.40	19.28	2.66	31.85		

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	137.67M	36.26	43.50	-7.24	-12.50	3	Horizontal	60	1.50	-	48.76	17.47	1.78	31.75		
PK	166.77M	38.38	43.50	-5.12	-14.00	3	Horizontal	211	2.00	-	52.38	15.83	1.94	31.77		
QP	253.1M	37.26	46.00	-8.74	-10.79	3	Horizontal	87	1.50	-	48.05	18.62	2.41	31.82		
QP	279.29M	41.78	46.00	-4.22	-10.50	3	Horizontal	267	1.50	-	52.28	18.79	2.54	31.83		
QP	303.54M	39.79	46.00	-6.21	-9.91	3	Horizontal	279	1.00	-	49.70	19.28	2.66	31.85		
PK	416.06M	42.94	46.00	-3.06	-6.57	3	Horizontal	271	1.00	"Worst"	49.51	22.31	3.13	32.01		



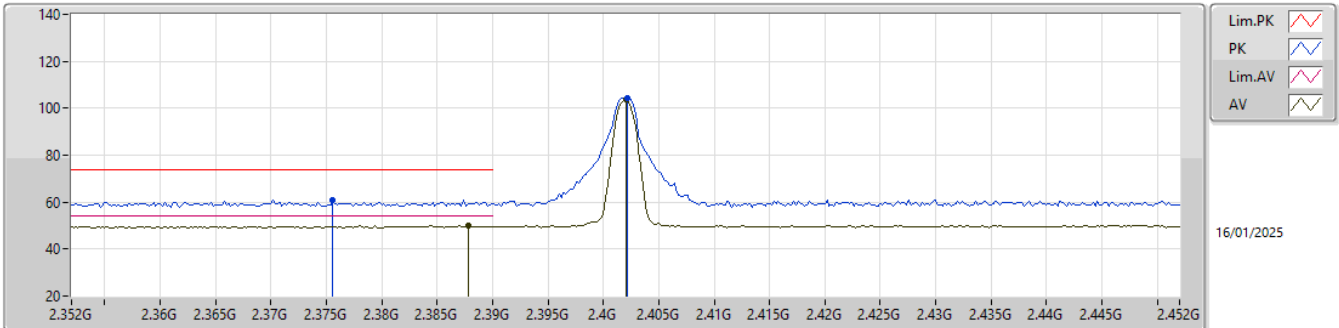
Test Mode: Mode 1

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	AV	2.4986G	51.82	54.00	-2.18	3	Vertical	4	2.83	-

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

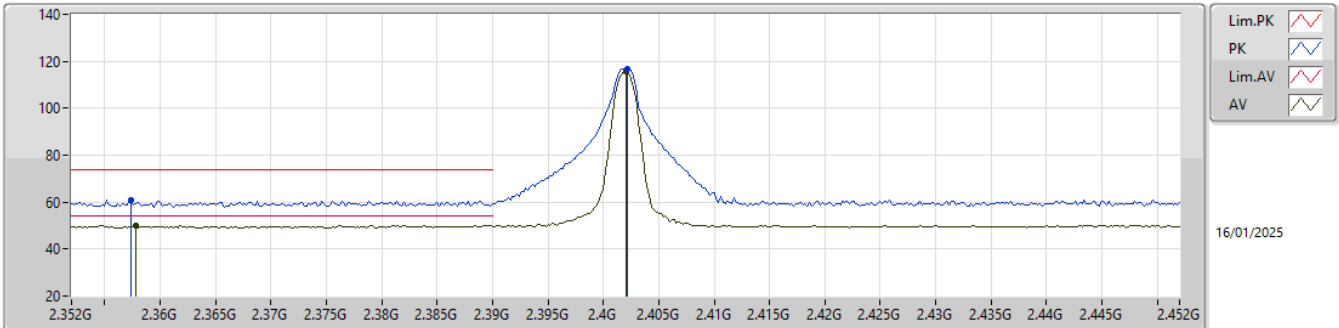


EUT_Y_1TX
Setting 22
02-R-G-5
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3756G	60.78	74.00	-13.22	28.33	3	Vertical	167	2.37	-	28.40	4.05	-				
AV	2.3878G	49.87	54.00	-4.13	17.33	3	Vertical	167	2.37	-	28.48	4.06	-				
PK	2.4022G	104.54	Inf	-Inf	71.99	3	Vertical	167	2.37	-	28.48	4.07	-				
AV	2.402G	103.67	Inf	-Inf	71.12	3	Vertical	167	2.37	-	28.48	4.07	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

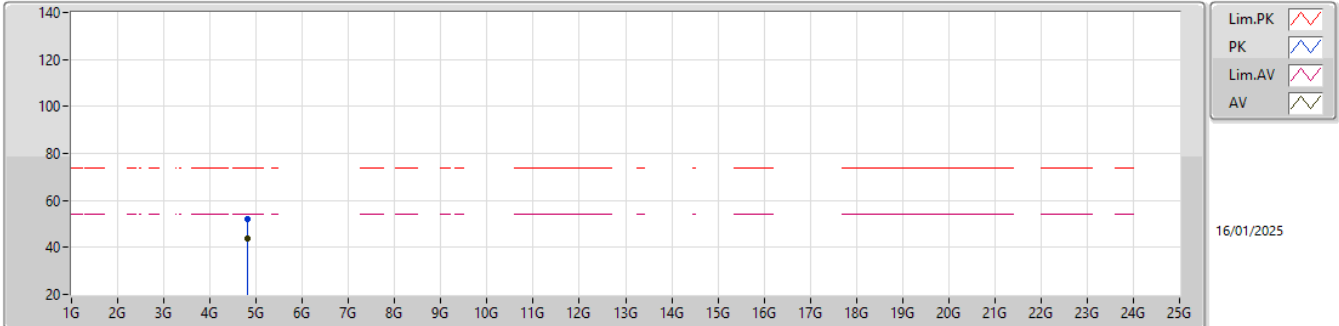


EUT_Y_1TX
Setting 22
02-R-G-5
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3574G	60.76	74.00	-13.24	28.35	3	Horizontal	305	2.19	-	28.37	4.04	-				
AV	2.3578G	50.18	54.00	-3.82	17.76	3	Horizontal	305	2.19	-	28.38	4.04	-				
PK	2.4022G	116.71	Inf	-Inf	84.16	3	Horizontal	305	2.19	-	28.48	4.07	-				
AV	2.402G	115.82	Inf	-Inf	83.27	3	Horizontal	305	2.19	-	28.48	4.07	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

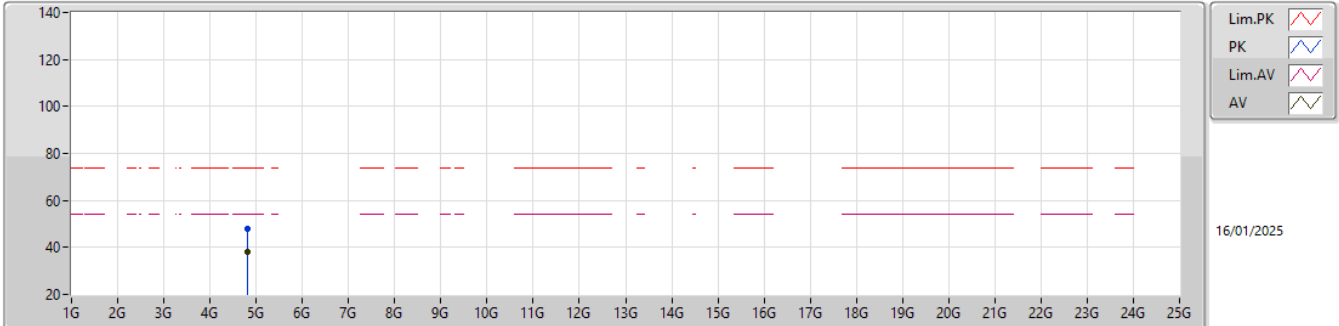


EUT_V_1TX
Setting 14
02-R-J-8
Bypass mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80354G	51.88	74.00	-22.12	43.00	3	Vertical	234	2.49	-	33.11	6.77	31.00			
AV	4.80368G	44.00	54.00	-10.00	35.12	3	Vertical	234	2.49	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

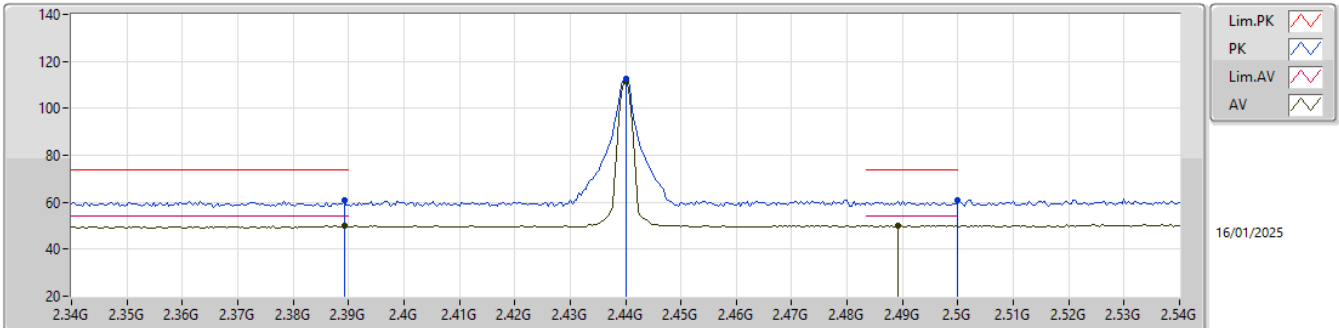


EUT_V_1TX
Setting 14
02-R-J-8
Bypass mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80346G	48.12	74.00	-25.88	39.24	3	Horizontal	123	3.00	-	33.11	6.77	31.00			
AV	4.8036G	38.19	54.00	-15.81	29.31	3	Horizontal	123	3.00	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

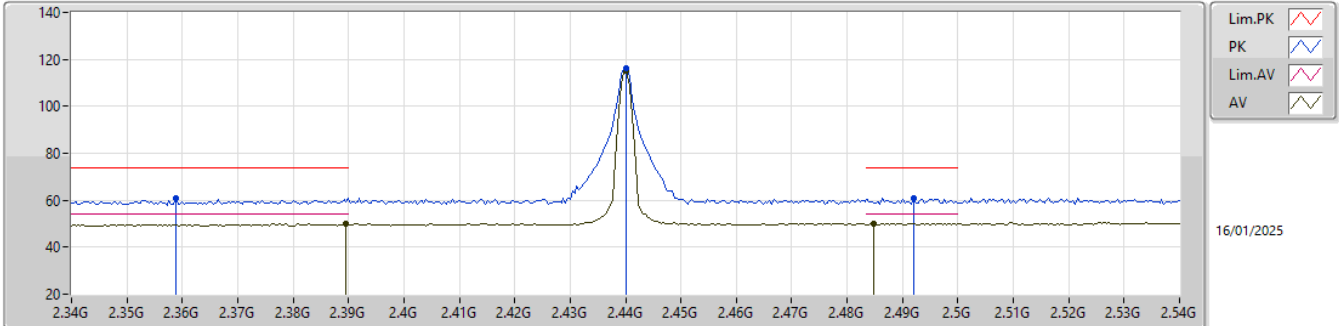


EUT_Y_1TX
Setting 22
02-R-G-5
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3892G	60.76	74.00	-13.24	28.21	3	Vertical	356	2.91	-	28.49	4.06	-				
AV	2.3892G	50.14	54.00	-3.86	17.59	3	Vertical	356	2.91	-	28.49	4.06	-				
PK	2.44G	112.63	Inf	-Inf	80.03	3	Vertical	356	2.91	-	28.50	4.10	-				
AV	2.44G	111.73	Inf	-Inf	79.13	3	Vertical	356	2.91	-	28.50	4.10	-				
PK	2.5G	60.65	74.00	-13.35	27.91	3	Vertical	356	2.91	-	28.60	4.14	-				
AV	2.4892G	50.15	54.00	-3.85	17.41	3	Vertical	356	2.91	-	28.60	4.14	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

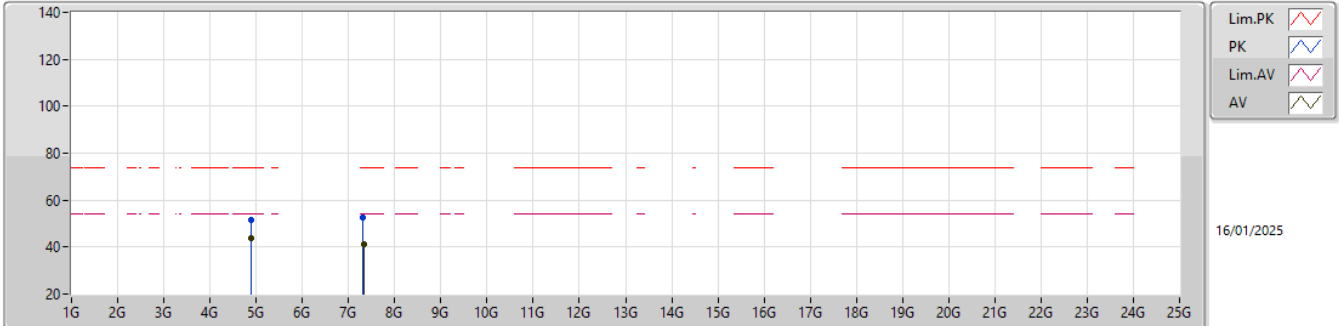


EUT_Y_1TX
Setting 22
02-R-G-5
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3588G	60.71	74.00	-13.29	28.28	3	Horizontal	314	2.18	-	28.39	4.04	-			
AV	2.3896G	49.89	54.00	-4.11	17.33	3	Horizontal	314	2.18	-	28.50	4.06	-			
PK	2.44G	116.08	Inf	-Inf	83.48	3	Horizontal	314	2.18	-	28.50	4.10	-			
AV	2.44G	115.20	Inf	-Inf	82.60	3	Horizontal	314	2.18	-	28.50	4.10	-			
PK	2.492G	61.11	74.00	-12.89	28.37	3	Horizontal	314	2.18	-	28.60	4.14	-			
AV	2.4848G	50.15	54.00	-3.85	17.42	3	Horizontal	314	2.18	-	28.60	4.13	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

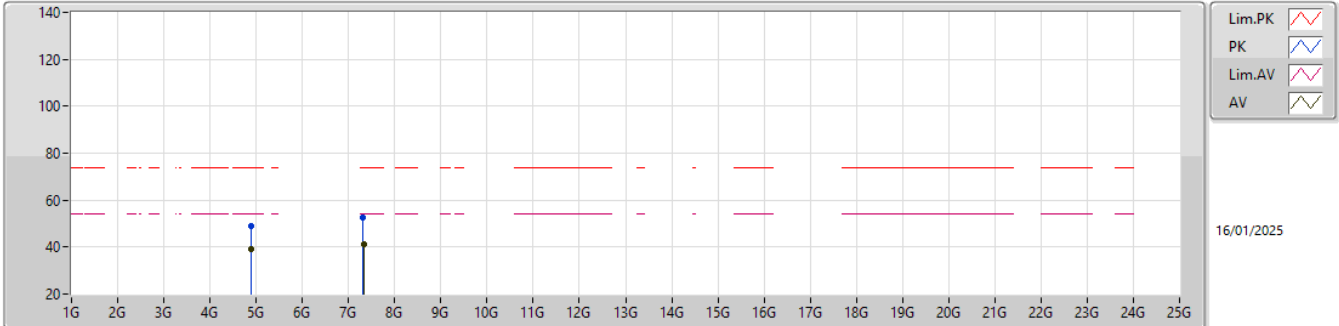


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.8795G	51.57	74.00	-22.43	42.50	3	Vertical	254	2.61	-	33.26	6.81	31.00			
AV	4.87982G	44.03	54.00	-9.97	34.96	3	Vertical	254	2.61	-	33.26	6.81	31.00			
PK	7.32192G	52.74	74.00	-21.26	38.31	3	Vertical	218	1.51	-	36.49	9.37	31.43			
AV	7.32348G	41.46	54.00	-12.54	27.03	3	Vertical	218	1.51	-	36.49	9.37	31.43			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

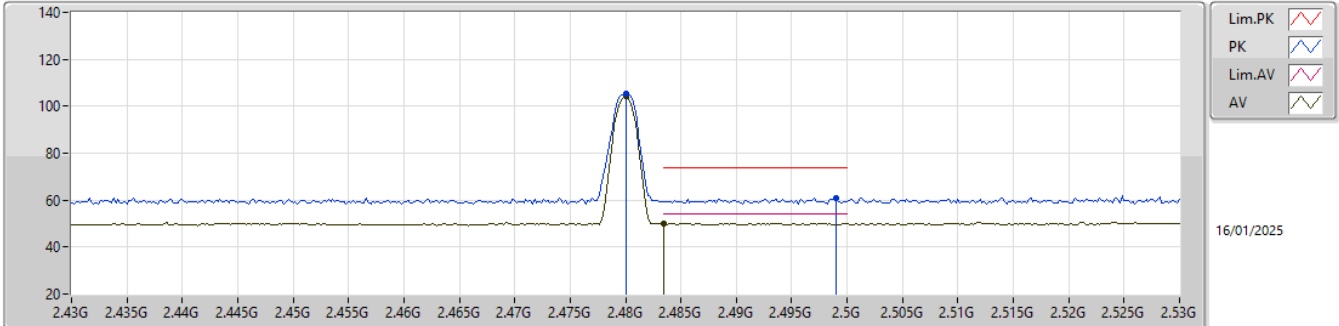


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87944G	49.06	74.00	-24.94	39.99	3	Horizontal	123	2.92	-	33.26	6.81	31.00			
AV	4.8802G	39.38	54.00	-14.62	30.31	3	Horizontal	123	2.92	-	33.26	6.81	31.00			
PK	7.31648G	52.41	74.00	-21.59	38.00	3	Horizontal	127	2.25	-	36.47	9.37	31.43			
AV	7.3242G	41.19	54.00	-12.81	26.75	3	Horizontal	127	2.25	-	36.50	9.37	31.43			

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

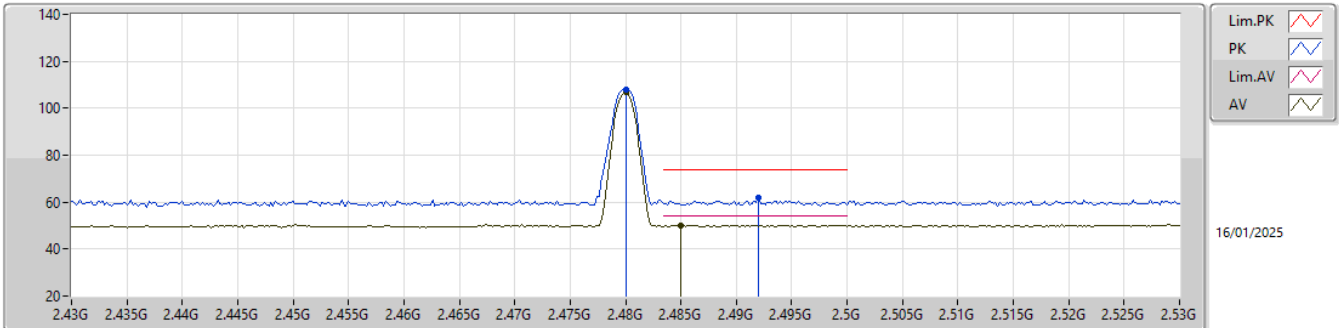


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.48G	105.11	Inf	-Inf	72.38	3	Vertical	13	2.82	-	28.60	4.13	-				
AV	2.48G	104.10	Inf	-Inf	71.37	3	Vertical	13	2.82	-	28.60	4.13	-				
PK	2.499G	61.11	74.00	-12.89	28.37	3	Vertical	13	2.82	-	28.60	4.14	-				
AV	2.4835G	50.15	54.00	-3.85	17.42	3	Vertical	13	2.82	-	28.60	4.13	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

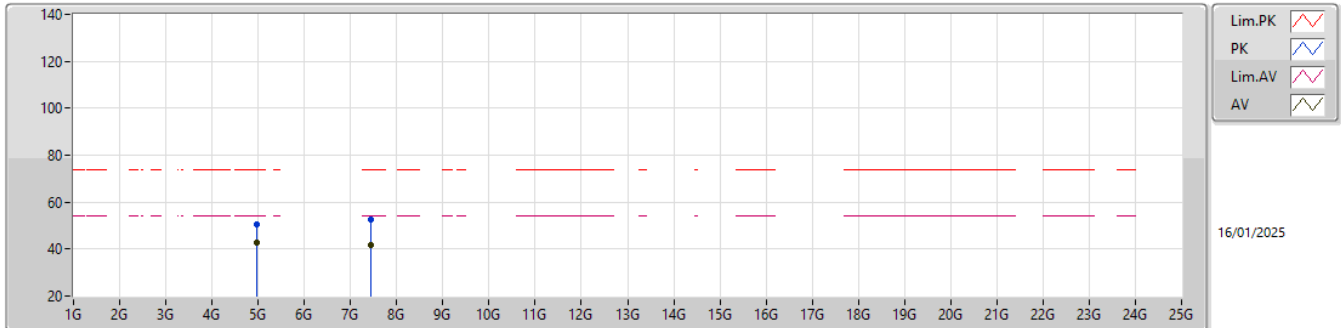


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.48G	107.80	Inf	-Inf	75.07	3	Horizontal	308	2.82	-	28.60	4.13	-				
AV	2.48G	106.75	Inf	-Inf	74.02	3	Horizontal	308	2.82	-	28.60	4.13	-				
PK	2.492G	62.09	74.00	-11.91	29.35	3	Horizontal	308	2.82	-	28.60	4.14	-				
AV	2.485G	50.15	54.00	-3.85	17.42	3	Horizontal	308	2.82	-	28.60	4.13	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

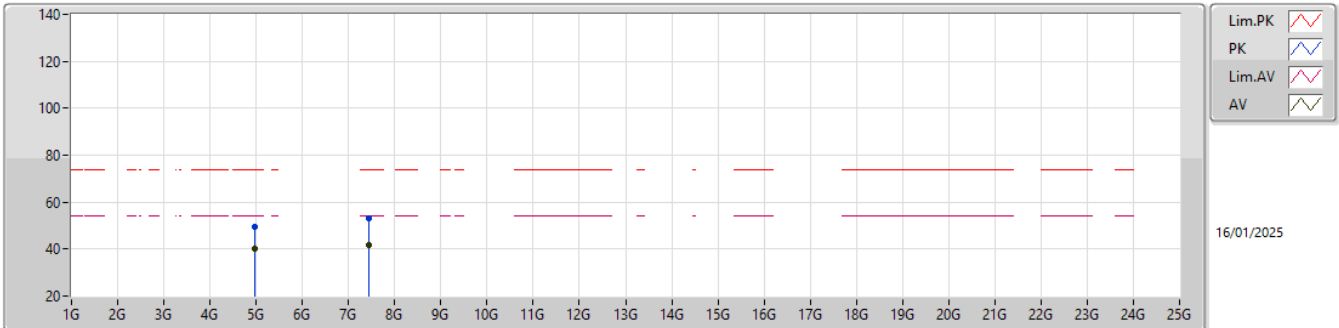


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.95974G	50.67	74.00	-23.33	41.42	3	Vertical	259	2.97	-	33.40	6.86	31.01				
AV	4.95968G	42.98	54.00	-11.02	33.73	3	Vertical	259	2.97	-	33.40	6.86	31.01				
PK	7.43544G	52.62	74.00	-21.38	38.09	3	Vertical	306	1.72	-	36.60	9.36	31.43				
AV	7.43696G	41.68	54.00	-12.32	27.15	3	Vertical	306	1.72	-	36.60	9.36	31.43				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

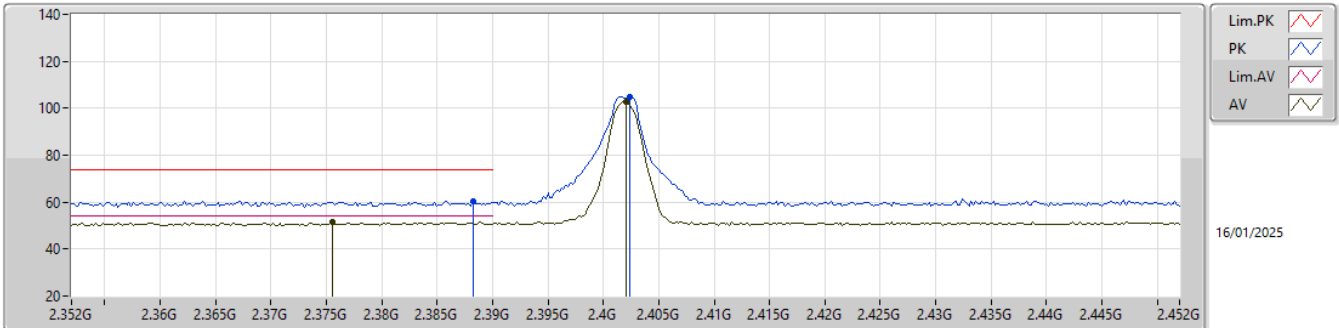


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.96052G	49.59	74.00	-24.41	40.34	3	Horizontal	58	2.24	-	33.40	6.86	31.01			
AV	4.95968G	40.20	54.00	-13.80	30.95	3	Horizontal	58	2.24	-	33.40	6.86	31.01			
PK	7.44266G	52.96	74.00	-21.04	38.43	3	Horizontal	284	2.79	-	36.60	9.36	31.43			
AV	7.43514G	41.75	54.00	-12.25	27.22	3	Horizontal	284	2.79	-	36.60	9.36	31.43			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

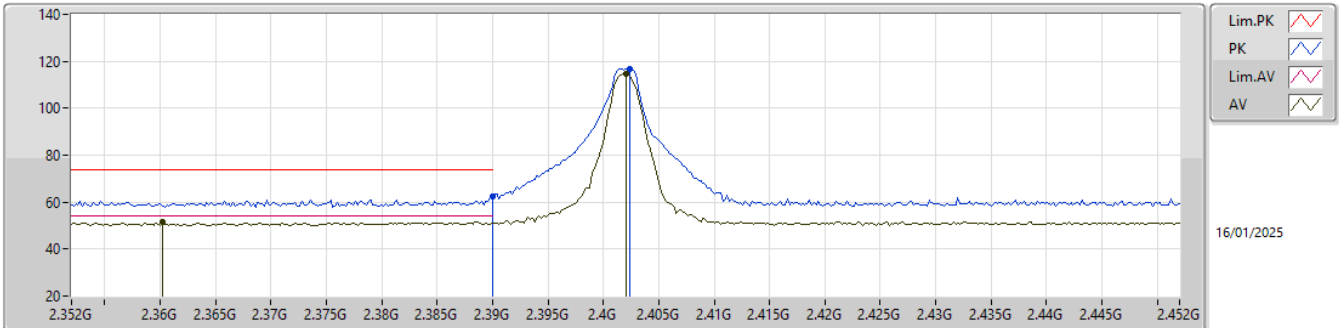


EUT_Y_1TX
Setting 22
02-R-G-5
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3882G	60.45	74.00	-13.55	27.91	3	Vertical	165	1.84	-	28.48	4.06	-				
AV	2.3756G	51.63	54.00	-2.37	19.18	3	Vertical	165	1.84	-	28.40	4.05	-				
PK	2.4024G	104.77	Inf	-Inf	72.22	3	Vertical	165	1.84	-	28.48	4.07	-				
AV	2.402G	102.57	Inf	-Inf	70.02	3	Vertical	165	1.84	-	28.48	4.07	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

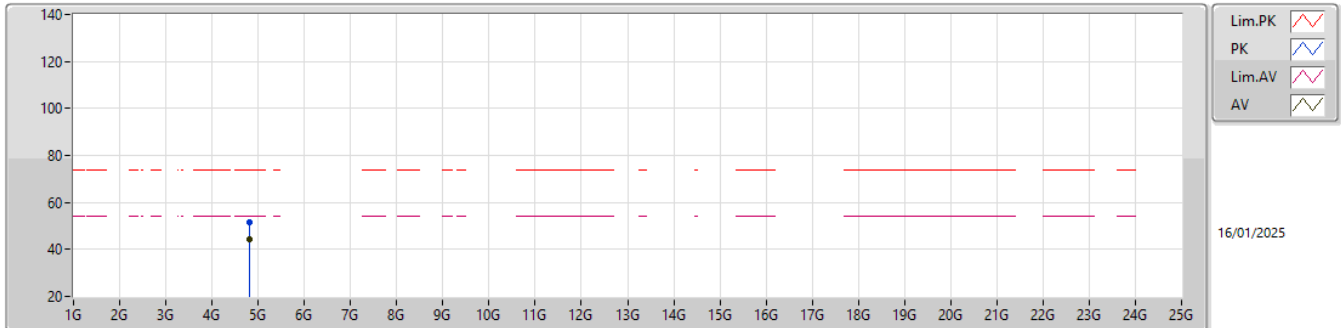


EUT_Y_1TX
Setting 22
02-R-G-5
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.39G	62.16	74.00	-11.84	29.60	3	Horizontal	301	2.18	-	28.50	4.06	-				
AV	2.3602G	51.36	54.00	-2.64	18.92	3	Horizontal	301	2.18	-	28.40	4.04	-				
PK	2.4024G	116.90	Inf	-Inf	84.35	3	Horizontal	301	2.18	-	28.48	4.07	-				
AV	2.402G	114.69	Inf	-Inf	82.14	3	Horizontal	301	2.18	-	28.48	4.07	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

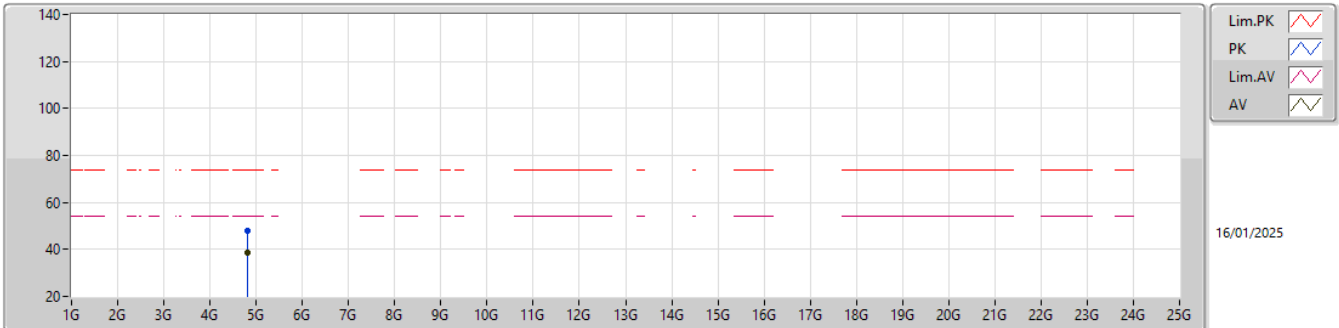


EUT_V_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80512G	51.40	74.00	-22.60	42.52	3	Vertical	230	2.49	-	33.11	6.77	31.00			
AV	4.80296G	44.16	54.00	-9.84	35.28	3	Vertical	230	2.49	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

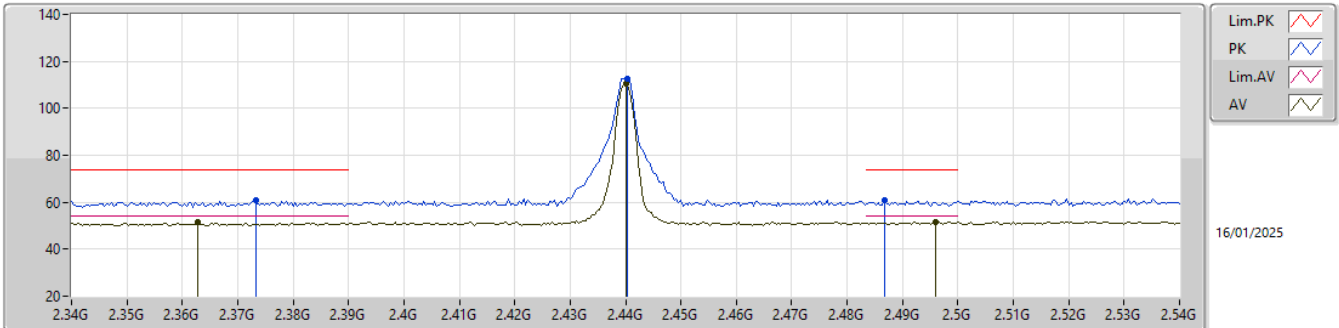


EUT_V_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80302G	48.14	74.00	-25.86	39.26	3	Horizontal	122	2.52	-	33.11	6.77	31.00			
AV	4.80474G	38.67	54.00	-15.33	29.79	3	Horizontal	122	2.52	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

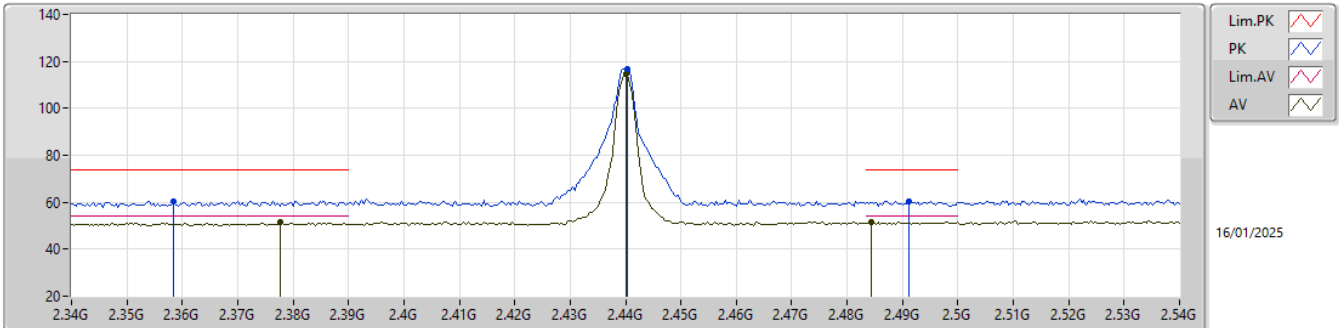


EUT_Y_1TX
Setting 22
02-R-G-5
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3732G	60.70	74.00	-13.30	28.25	3	Vertical	-0	2.93	-	28.40	4.05	-				
AV	2.3628G	51.37	54.00	-2.63	18.93	3	Vertical	-0	2.93	-	28.40	4.04	-				
PK	2.4404G	112.54	Inf	-Inf	79.94	3	Vertical	-0	2.93	-	28.50	4.10	-				
AV	2.44G	110.45	Inf	-Inf	77.85	3	Vertical	-0	2.93	-	28.50	4.10	-				
PK	2.4868G	60.81	74.00	-13.19	28.07	3	Vertical	-0	2.93	-	28.60	4.14	-				
AV	2.496G	51.60	54.00	-2.40	18.86	3	Vertical	-0	2.93	-	28.60	4.14	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

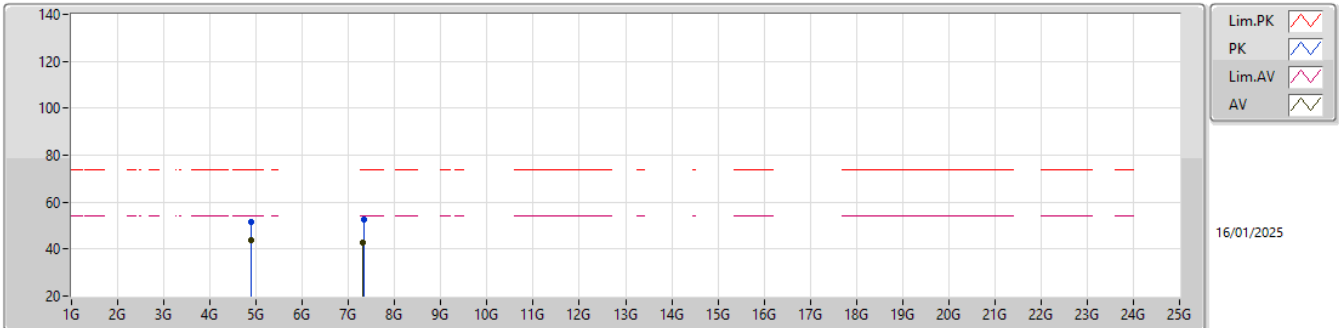


EUT_Y_1TX
Setting 22
02-R-G-5
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3584G	60.48	74.00	-13.52	28.06	3	Horizontal	310	2.16	-	28.38	4.04	-				
AV	2.3776G	51.64	54.00	-2.36	19.19	3	Horizontal	310	2.16	-	28.40	4.05	-				
PK	2.4404G	116.65	Inf	-Inf	84.05	3	Horizontal	310	2.16	-	28.50	4.10	-				
AV	2.44G	114.45	Inf	-Inf	81.85	3	Horizontal	310	2.16	-	28.50	4.10	-				
PK	2.4912G	60.33	74.00	-13.67	27.59	3	Horizontal	310	2.16	-	28.60	4.14	-				
AV	2.4844G	51.60	54.00	-2.40	18.87	3	Horizontal	310	2.16	-	28.60	4.13	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

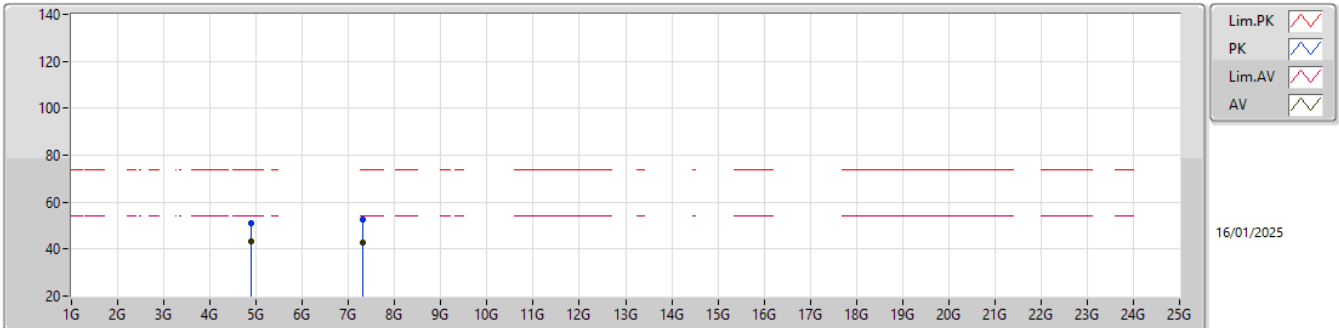


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.881G	51.69	74.00	-22.31	42.62	3	Vertical	257	2.37	-	33.26	6.81	31.00			
AV	4.87888G	43.98	54.00	-10.02	34.91	3	Vertical	257	2.37	-	33.26	6.81	31.00			
PK	7.32234G	52.55	74.00	-21.45	38.12	3	Vertical	248	2.64	-	36.49	9.37	31.43			
AV	7.32168G	42.73	54.00	-11.27	28.30	3	Vertical	248	2.64	-	36.49	9.37	31.43			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

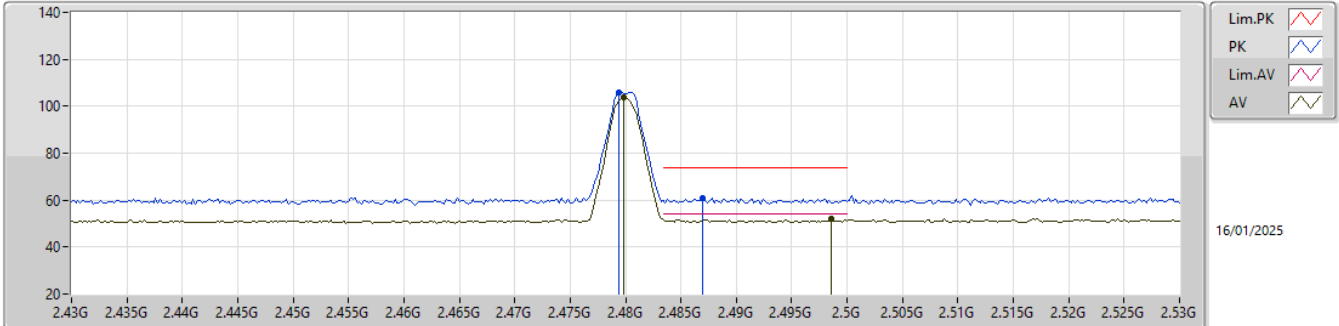


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.8789G	50.84	74.00	-23.16	41.77	3	Horizontal	250	2.50	-	33.26	6.81	31.00			
AV	4.87886G	43.53	54.00	-10.47	34.46	3	Horizontal	250	2.50	-	33.26	6.81	31.00			
PK	7.3218G	52.63	74.00	-21.37	38.20	3	Horizontal	232	2.25	-	36.49	9.37	31.43			
AV	7.32158G	42.79	54.00	-11.21	28.36	3	Horizontal	232	2.25	-	36.49	9.37	31.43			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

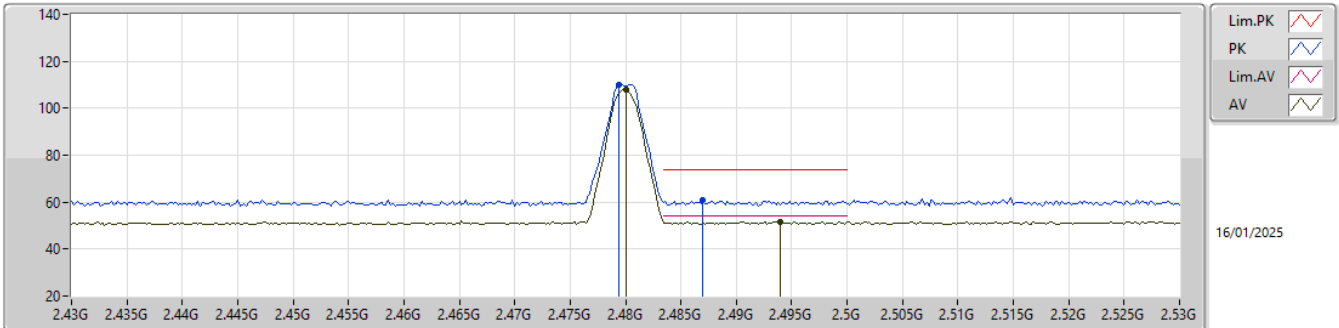


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4794G	105.84	Inf	-Inf	73.12	3	Vertical	4	2.83	-	28.59	4.13	-			
AV	2.4798G	103.63	Inf	-Inf	70.90	3	Vertical	4	2.83	-	28.60	4.13	-			
PK	2.487G	61.11	74.00	-12.89	28.37	3	Vertical	4	2.83	-	28.60	4.14	-			
AV	2.4986G	51.82	54.00	-2.18	19.08	3	Vertical	4	2.83	-	28.60	4.14	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

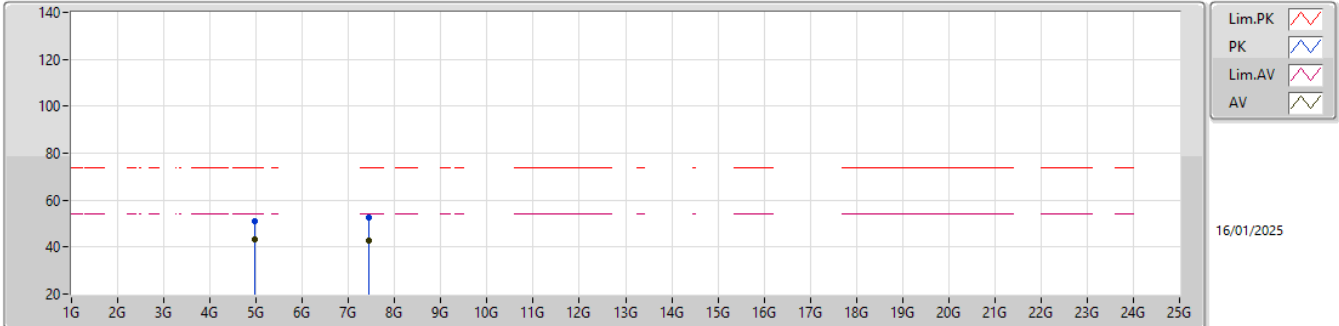


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4794G	109.90	Inf	-Inf	77.18	3	Horizontal	303	2.30	-	28.59	4.13	-			
AV	2.48G	107.77	Inf	-Inf	75.04	3	Horizontal	303	2.30	-	28.60	4.13	-			
PK	2.487G	60.96	74.00	-13.04	28.22	3	Horizontal	303	2.30	-	28.60	4.14	-			
AV	2.494G	51.60	54.00	-2.40	18.86	3	Horizontal	303	2.30	-	28.60	4.14	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

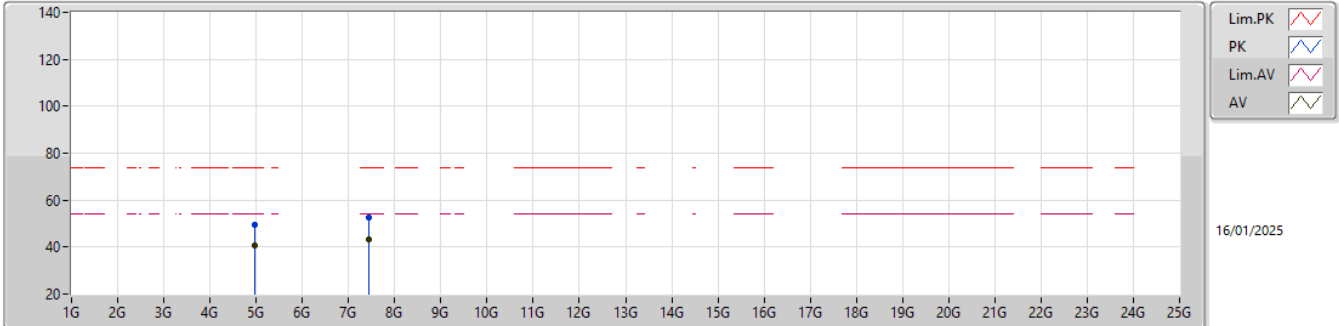


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.959G	51.02	74.00	-22.98	41.77	3	Vertical	257	2.84	-	33.40	6.86	31.01			
AV	4.95888G	43.23	54.00	-10.77	33.98	3	Vertical	257	2.84	-	33.40	6.86	31.01			
PK	7.4374G	52.64	74.00	-21.36	38.11	3	Vertical	222	2.77	-	36.60	9.36	31.43			
AV	7.43578G	42.74	54.00	-11.26	28.21	3	Vertical	222	2.77	-	36.60	9.36	31.43			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.95944G	49.24	74.00	-24.76	39.99	3	Horizontal	127	2.54	-	33.40	6.86	31.01			
AV	4.95912G	40.75	54.00	-13.25	31.50	3	Horizontal	127	2.54	-	33.40	6.86	31.01			
PK	7.43658G	52.41	74.00	-21.59	37.88	3	Horizontal	219	1.60	-	36.60	9.36	31.43			
AV	7.43862G	43.11	54.00	-10.89	28.58	3	Horizontal	219	1.60	-	36.60	9.36	31.43			



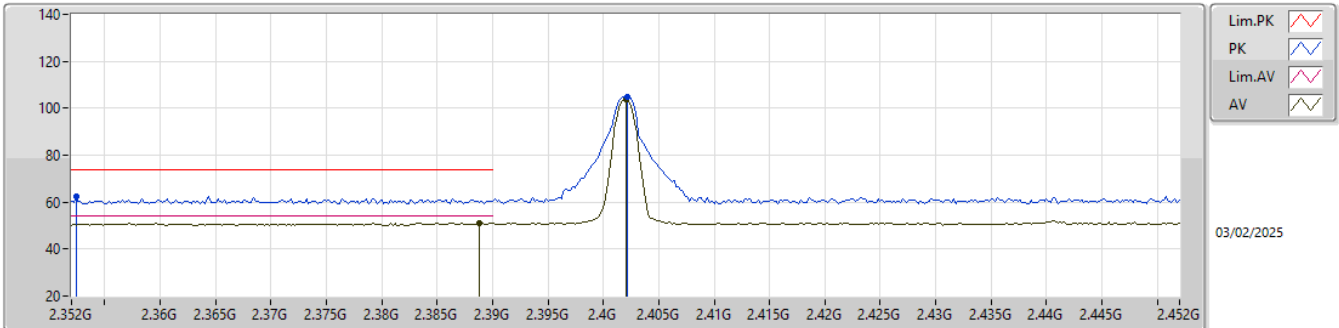
Test Mode: Mode 2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	AV	2.4835G	53.09	54.00	-0.91	3	Horizontal	310	2.56	-

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

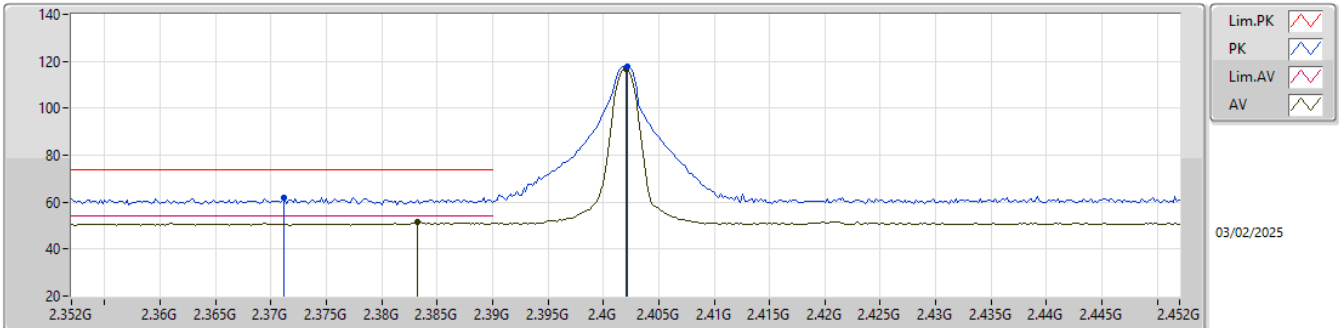


EUT Y_1TX
Setting 22
02-R-E-3
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3524G	62.54	74.00	-11.46	30.18	3	Vertical	164	1.75	-	28.32	4.04	-			
AV	2.3888G	51.15	54.00	-2.85	18.60	3	Vertical	164	1.75	-	28.49	4.06	-			
PK	2.4022G	104.73	Inf	-Inf	72.18	3	Vertical	164	1.75	-	28.48	4.07	-			
AV	2.402G	103.75	Inf	-Inf	71.20	3	Vertical	164	1.75	-	28.48	4.07	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

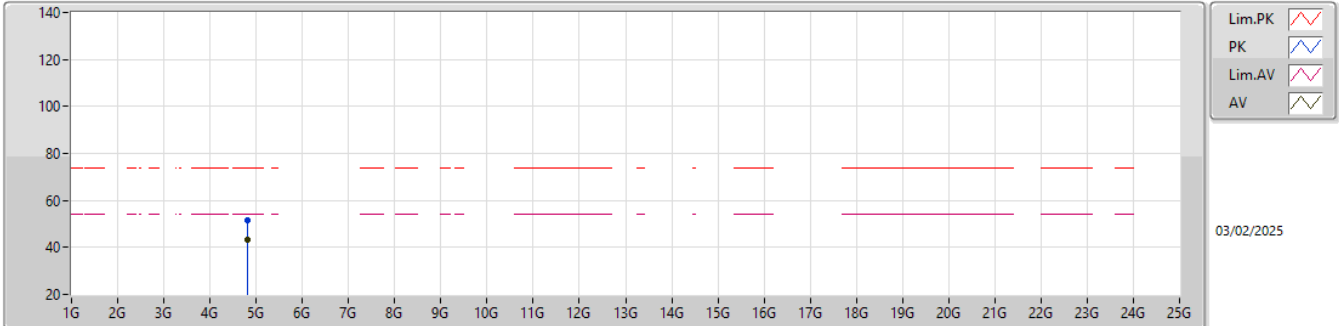


EUT Y_1TX
Setting 22
02-R-E-3
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3712G	61.96	74.00	-12.04	29.51	3	Horizontal	310	1.99	-	28.40	4.05	-				
AV	2.3832G	51.34	54.00	-2.66	18.85	3	Horizontal	310	1.99	-	28.43	4.06	-				
PK	2.4022G	117.58	Inf	-Inf	85.03	3	Horizontal	310	1.99	-	28.48	4.07	-				
AV	2.402G	116.67	Inf	-Inf	84.12	3	Horizontal	310	1.99	-	28.48	4.07	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

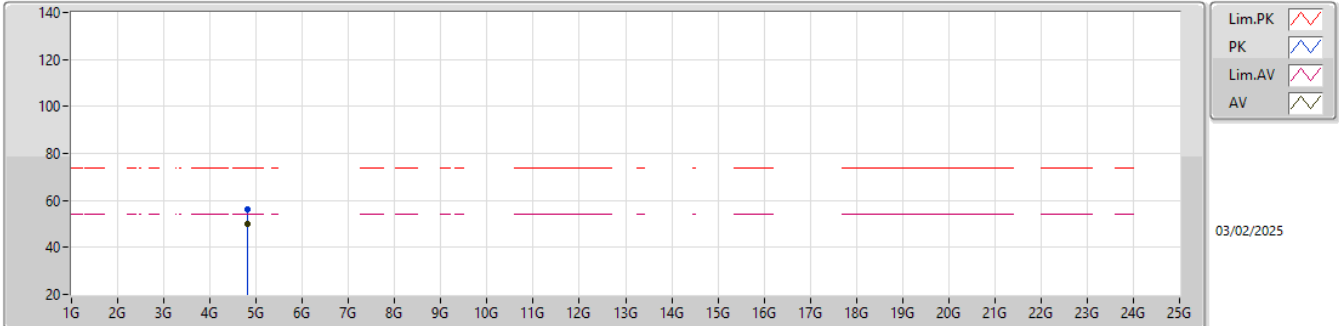


EUT_V_1TX
Setting 14
02-R-J-8
Bypass mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80442G	51.57	74.00	-22.43	42.69	3	Vertical	10	1.13	-	33.11	6.77	31.00			
AV	4.8036G	43.10	54.00	-10.90	34.22	3	Vertical	10	1.13	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

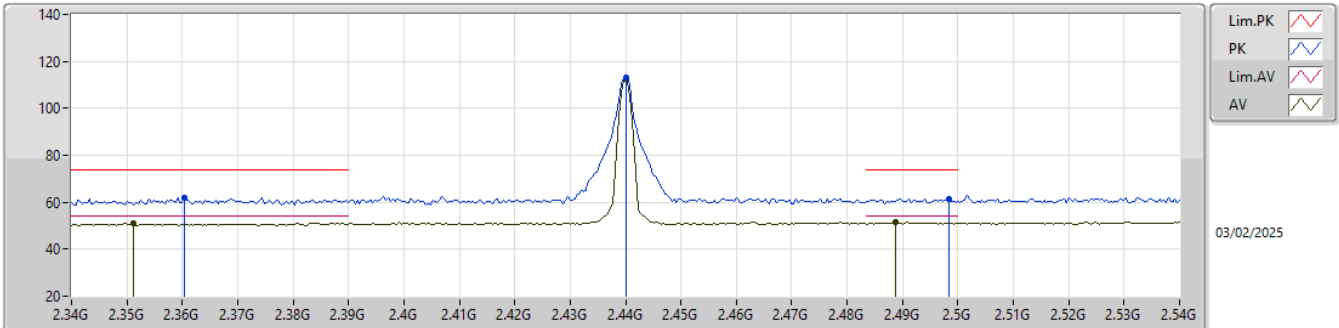


EUT_V_1TX
Setting 14
02-R-J-8
Bypass mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.8035G	56.18	74.00	-17.82	47.30	3	Horizontal	66	1.67	-	33.11	6.77	31.00			
AV	4.80394G	50.25	54.00	-3.75	41.37	3	Horizontal	66	1.67	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

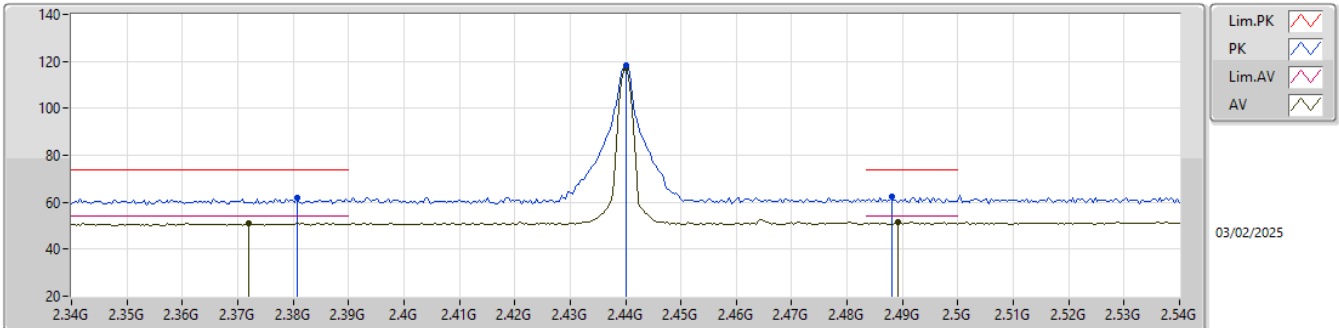


EUT_Y_1TX
Setting 22
02-R-E-3
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3604G	62.07	74.00	-11.93	29.63	3	Vertical	10	2.93	-	28.40	4.04	-				
AV	2.3512G	51.12	54.00	-2.88	18.77	3	Vertical	10	2.93	-	28.31	4.04	-				
PK	2.44G	113.27	Inf	-Inf	80.67	3	Vertical	10	2.93	-	28.50	4.10	-				
AV	2.44G	112.38	Inf	-Inf	79.78	3	Vertical	10	2.93	-	28.50	4.10	-				
PK	2.4984G	61.60	74.00	-12.40	28.86	3	Vertical	10	2.93	-	28.60	4.14	-				
AV	2.4888G	51.43	54.00	-2.57	18.69	3	Vertical	10	2.93	-	28.60	4.14	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

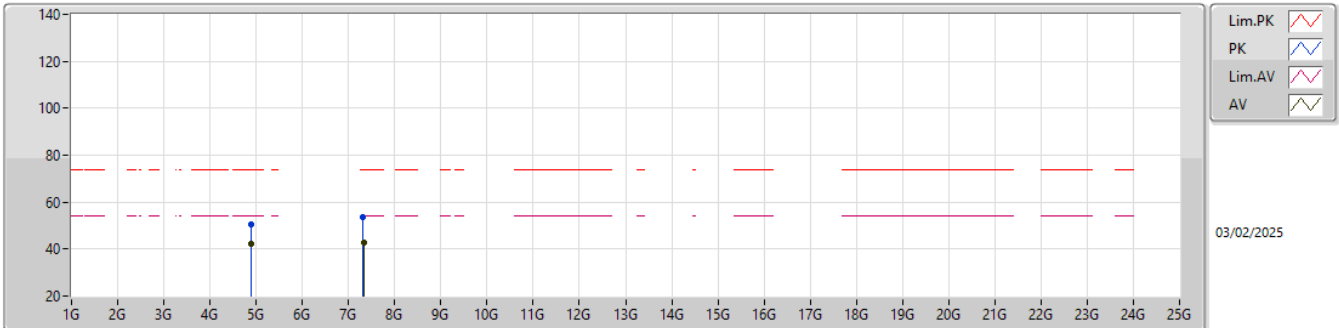


EUT_Y_1TX
Setting 22
02-R-E-3
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3808G	62.08	74.00	-11.92	29.61	3	Horizontal	303	2.40	-	28.41	4.06	-				
AV	2.372G	51.01	54.00	-2.99	18.56	3	Horizontal	303	2.40	-	28.40	4.05	-				
PK	2.44G	118.02	Inf	-Inf	85.42	3	Horizontal	303	2.40	-	28.50	4.10	-				
AV	2.44G	117.10	Inf	-Inf	84.50	3	Horizontal	303	2.40	-	28.50	4.10	-				
PK	2.488G	62.39	74.00	-11.61	29.65	3	Horizontal	303	2.40	-	28.60	4.14	-				
AV	2.4892G	51.43	54.00	-2.57	18.69	3	Horizontal	303	2.40	-	28.60	4.14	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

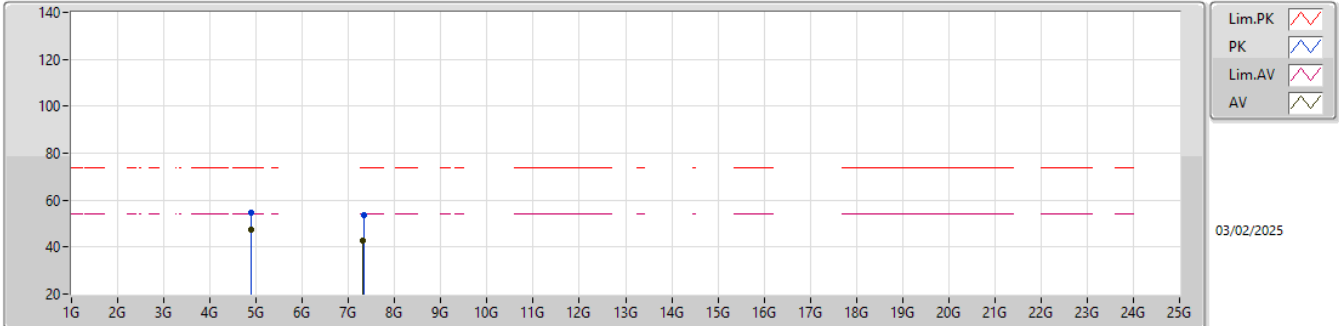


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87934G	50.75	74.00	-23.25	41.68	3	Vertical	360	1.16	-	33.26	6.81	31.00			
AV	4.87964G	42.06	54.00	-11.94	32.99	3	Vertical	360	1.16	-	33.26	6.81	31.00			
PK	7.3176G	53.71	74.00	-20.29	39.30	3	Vertical	157	1.71	-	36.47	9.37	31.43			
AV	7.32486G	42.68	54.00	-11.32	28.24	3	Vertical	157	1.71	-	36.50	9.37	31.43			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

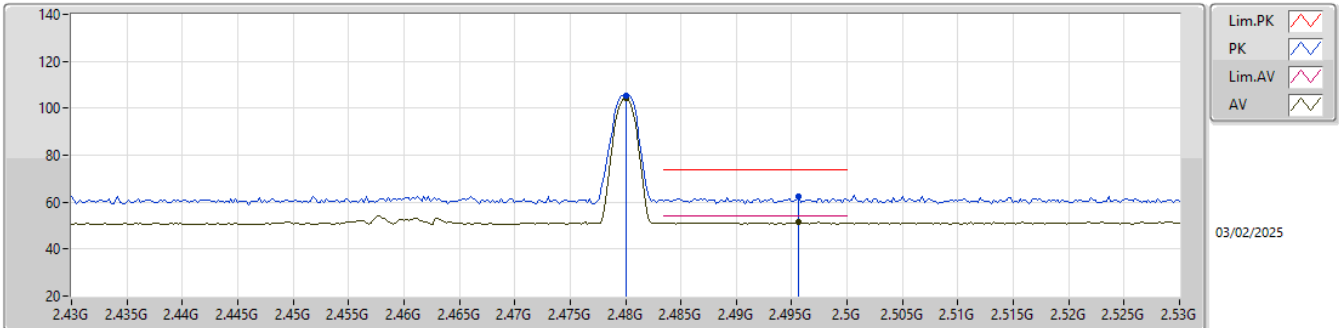


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.88046G	54.46	74.00	-19.54	45.39	3	Horizontal	61	1.19	-	33.26	6.81	31.00				
AV	4.87974G	47.59	54.00	-6.41	38.52	3	Horizontal	61	1.19	-	33.26	6.81	31.00				
PK	7.32346G	53.83	74.00	-20.17	39.40	3	Horizontal	354	2.71	-	36.49	9.37	31.43				
AV	7.32164G	42.79	54.00	-11.21	28.36	3	Horizontal	354	2.71	-	36.49	9.37	31.43				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

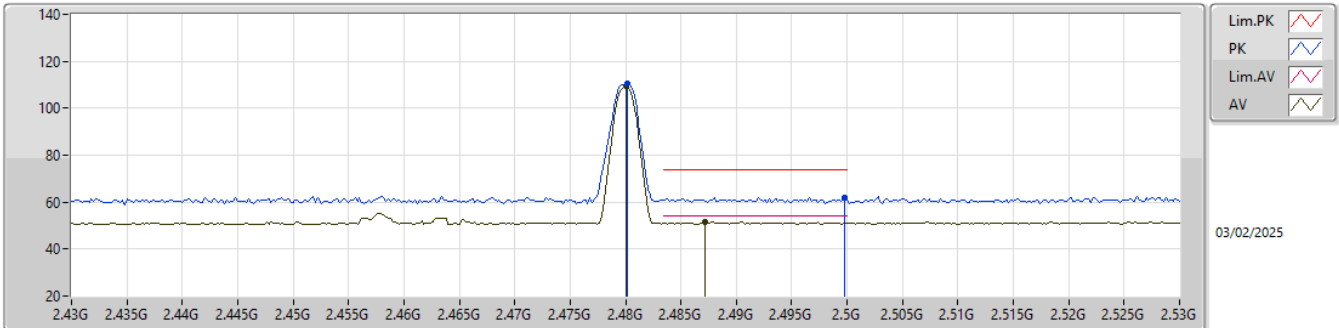


EUT_Y_1TX
Setting 14
02-R-E-3
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.48G	105.51	Inf	-Inf	72.78	3	Vertical	6	2.84	-	28.60	4.13	-				
AV	2.48G	104.49	Inf	-Inf	71.76	3	Vertical	6	2.84	-	28.60	4.13	-				
PK	2.4956G	62.23	74.00	-11.77	29.49	3	Vertical	6	2.84	-	28.60	4.14	-				
AV	2.4956G	51.43	54.00	-2.57	18.69	3	Vertical	6	2.84	-	28.60	4.14	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

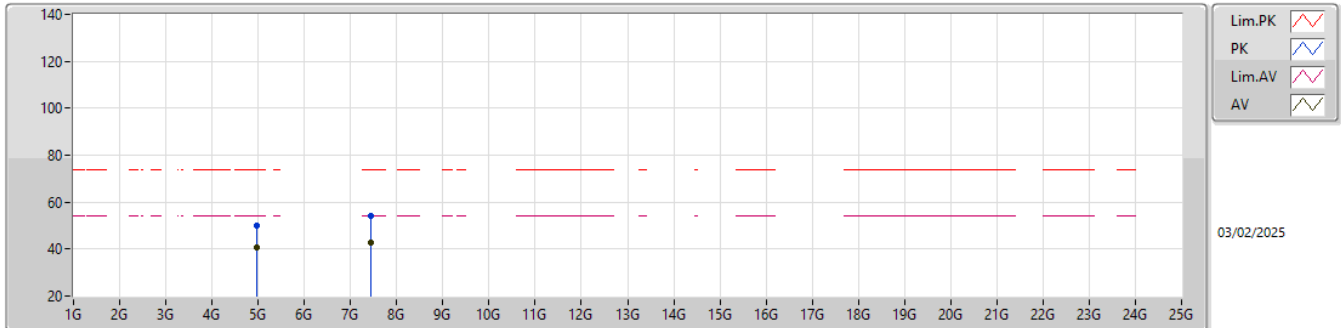


EUT_Y_1TX
Setting 14
02-R-E-3
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.4802G	110.34	Inf	-Inf	77.61	3	Horizontal	308	2.12	-	28.60	4.13	-				
AV	2.48G	109.32	Inf	-Inf	76.59	3	Horizontal	308	2.12	-	28.60	4.13	-				
PK	2.4998G	62.00	74.00	-12.00	29.26	3	Horizontal	308	2.12	-	28.60	4.14	-				
AV	2.4872G	51.43	54.00	-2.57	18.69	3	Horizontal	308	2.12	-	28.60	4.14	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

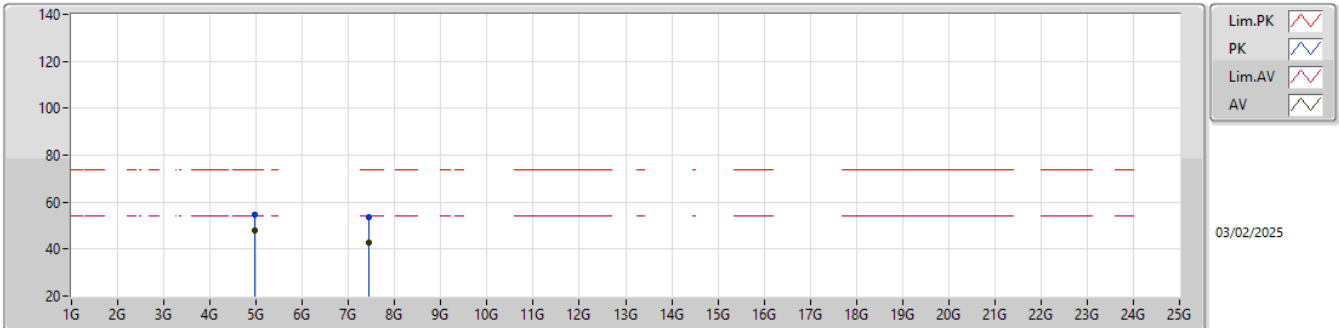


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.96062G	49.86	74.00	-24.14	40.61	3	Vertical	349	1.69	-	33.40	6.86	31.01			
AV	4.95976G	40.69	54.00	-13.31	31.44	3	Vertical	349	1.69	-	33.40	6.86	31.01			
PK	7.441G	54.11	74.00	-19.89	39.58	3	Vertical	33	2.70	-	36.60	9.36	31.43			
AV	7.44124G	42.88	54.00	-11.12	28.35	3	Vertical	33	2.70	-	36.60	9.36	31.43			

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

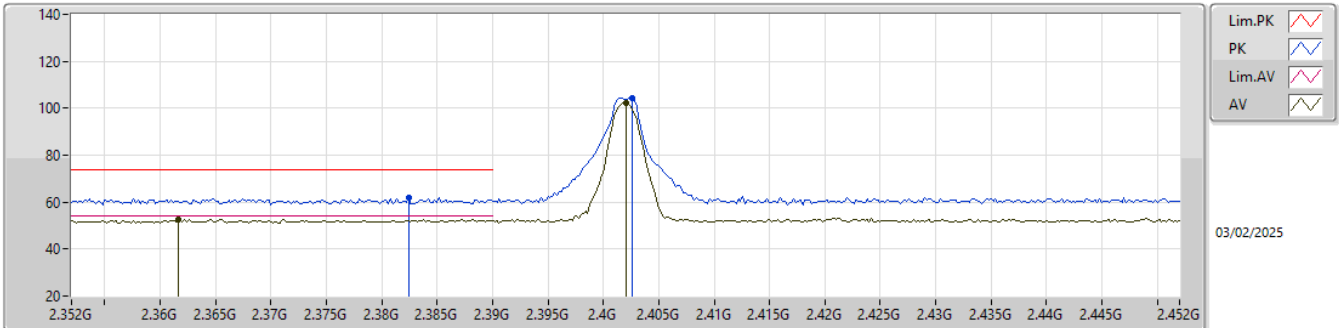


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.95964G	54.63	74.00	-19.37	45.38	3	Horizontal	50	1.80	-	33.40	6.86	31.01				
AV	4.9597G	47.73	54.00	-6.27	38.48	3	Horizontal	50	1.80	-	33.40	6.86	31.01				
PK	7.44092G	53.83	74.00	-20.17	39.30	3	Horizontal	114	2.17	-	36.60	9.36	31.43				
AV	7.43772G	42.74	54.00	-11.26	28.21	3	Horizontal	114	2.17	-	36.60	9.36	31.43				

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

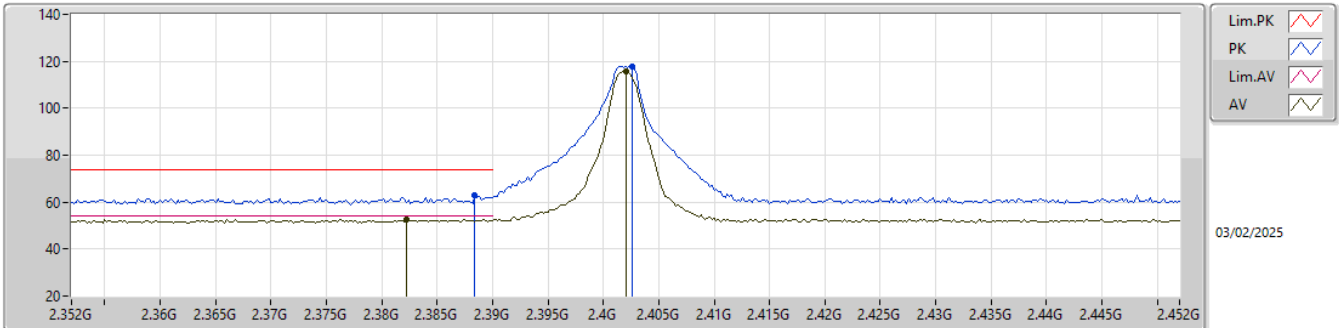


EUT_Y_1TX
Setting 22
02-R-J-8
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3824G	61.95	74.00	-12.05	29.47	3	Vertical	162	1.76	-	28.42	4.06	-			
AV	2.3616G	52.64	54.00	-1.36	20.20	3	Vertical	162	1.76	-	28.40	4.04	-			
PK	2.4026G	104.46	Inf	-Inf	71.92	3	Vertical	162	1.76	-	28.47	4.07	-			
AV	2.402G	102.20	Inf	-Inf	69.65	3	Vertical	162	1.76	-	28.48	4.07	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

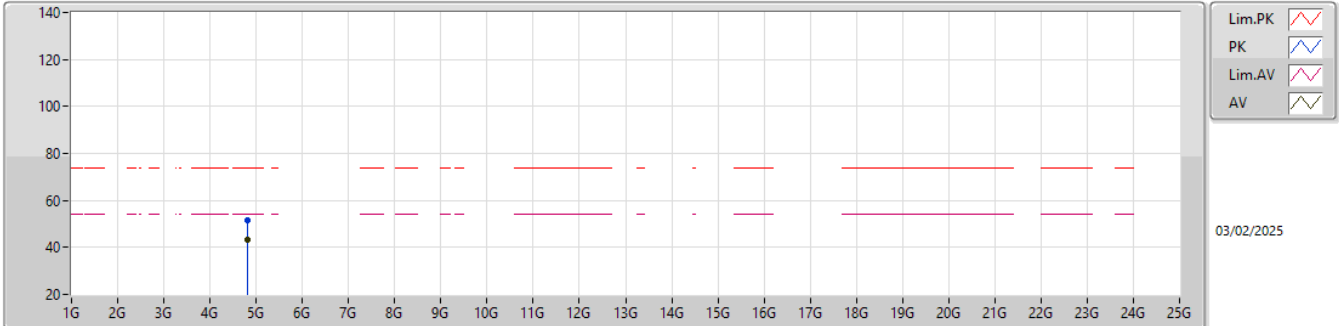


EUT_Y_1TX
Setting 22
02-R-J-8
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3884G	62.88	74.00	-11.12	30.34	3	Horizontal	308	2.00	-	28.48	4.06	-				
AV	2.3822G	52.74	54.00	-1.26	20.26	3	Horizontal	308	2.00	-	28.42	4.06	-				
PK	2.4026G	117.87	Inf	-Inf	85.33	3	Horizontal	308	2.00	-	28.47	4.07	-				
AV	2.402G	115.71	Inf	-Inf	83.16	3	Horizontal	308	2.00	-	28.48	4.07	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

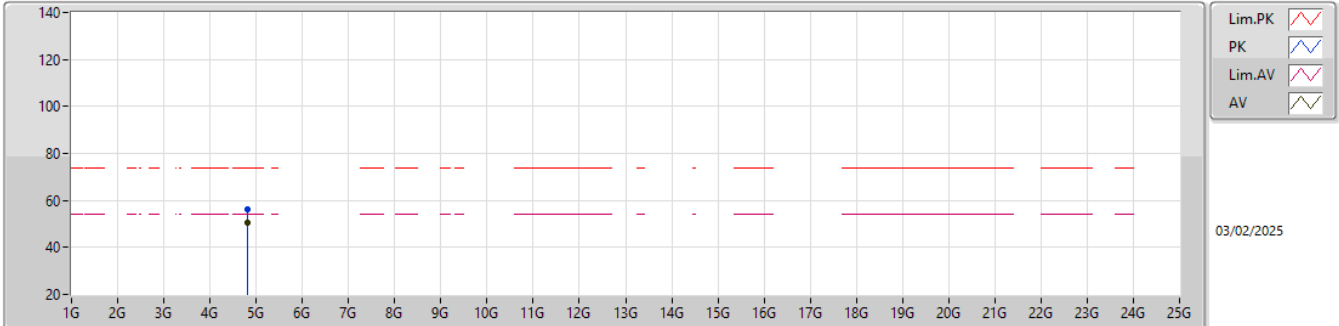


EUT_V_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80304G	51.40	74.00	-22.60	42.52	3	Vertical	10	1.10	-	33.11	6.77	31.00			
AV	4.80292G	43.47	54.00	-10.53	34.59	3	Vertical	10	1.10	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

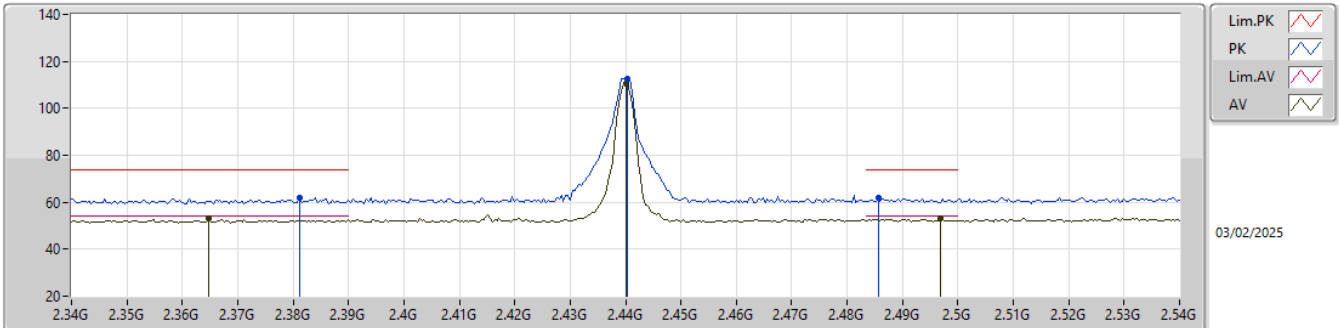


EUT_V_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80488G	56.15	74.00	-17.85	47.27	3	Horizontal	63	1.78	-	33.11	6.77	31.00			
AV	4.803G	50.32	54.00	-3.68	41.44	3	Horizontal	63	1.78	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

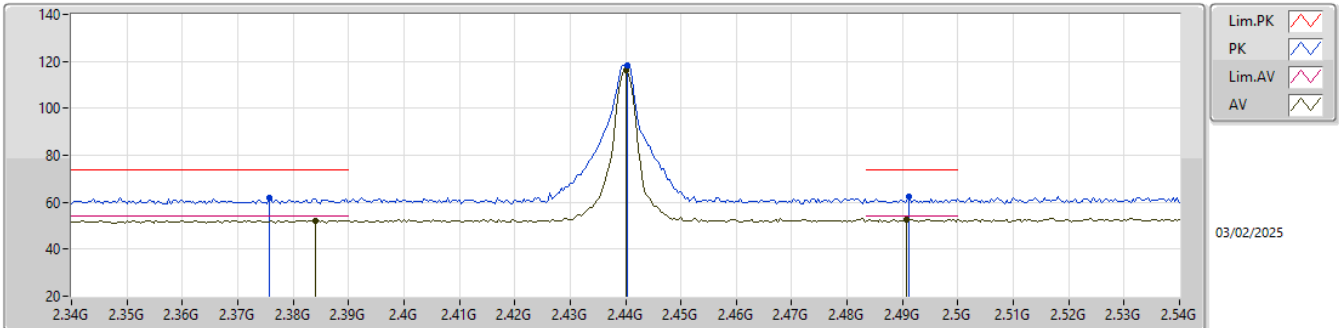


EUT Y_1TX
Setting 22
02-R-J-8
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3812G	62.01	74.00	-11.99	29.54	3	Vertical	9	2.93	-	28.41	4.06	-				
AV	2.3648G	53.08	54.00	-0.92	20.63	3	Vertical	9	2.93	-	28.40	4.05	-				
PK	2.4404G	112.74	Inf	-Inf	80.14	3	Vertical	9	2.93	-	28.50	4.10	-				
AV	2.44G	110.57	Inf	-Inf	77.97	3	Vertical	9	2.93	-	28.50	4.10	-				
PK	2.4856G	61.68	74.00	-12.32	28.95	3	Vertical	9	2.93	-	28.60	4.13	-				
AV	2.4968G	52.88	54.00	-1.12	20.14	3	Vertical	9	2.93	-	28.60	4.14	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

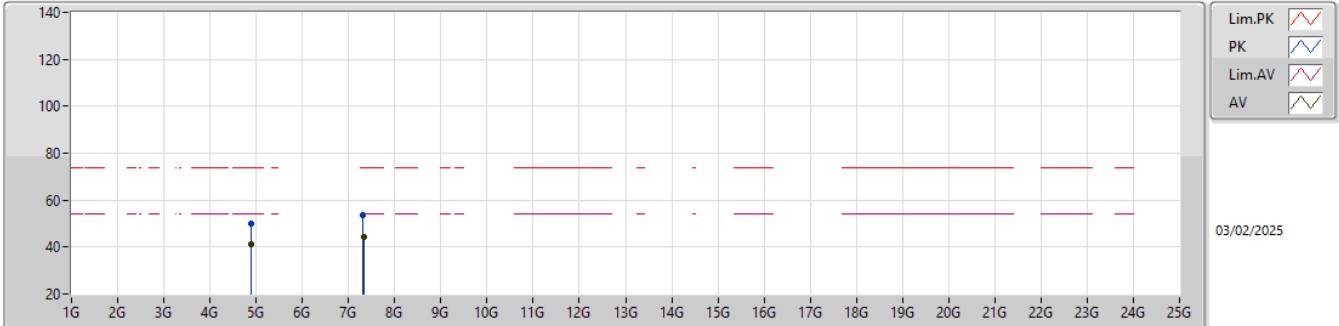


EUT_Y_1TX
Setting 22
02-R-J-8
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3756G	61.83	74.00	-12.17	29.38	3	Horizontal	311	2.16	-	28.40	4.05	-				
AV	2.384G	52.32	54.00	-1.68	19.82	3	Horizontal	311	2.16	-	28.44	4.06	-				
PK	2.4404G	118.43	Inf	-Inf	85.83	3	Horizontal	311	2.16	-	28.50	4.10	-				
AV	2.44G	116.26	Inf	-Inf	83.66	3	Horizontal	311	2.16	-	28.50	4.10	-				
PK	2.4912G	62.38	74.00	-11.62	29.64	3	Horizontal	311	2.16	-	28.60	4.14	-				
AV	2.4908G	52.65	54.00	-1.35	19.91	3	Horizontal	311	2.16	-	28.60	4.14	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

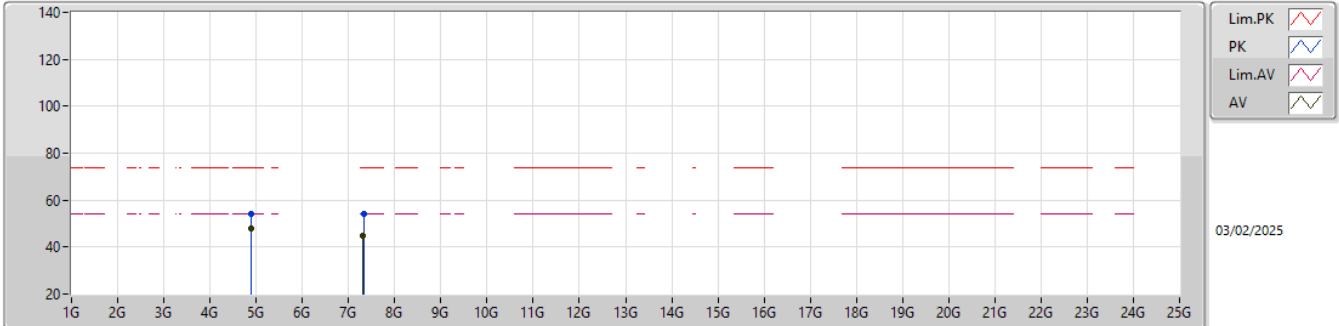


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87988G	50.25	74.00	-23.75	41.18	3	Vertical	322	1.15	-	33.26	6.81	31.00			
AV	4.87896G	41.40	54.00	-12.60	32.33	3	Vertical	322	1.15	-	33.26	6.81	31.00			
PK	7.313G	53.51	74.00	-20.49	39.12	3	Vertical	149	2.26	-	36.45	9.37	31.43			
AV	7.32544G	44.29	54.00	-9.71	29.85	3	Vertical	149	2.26	-	36.50	9.37	31.43			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

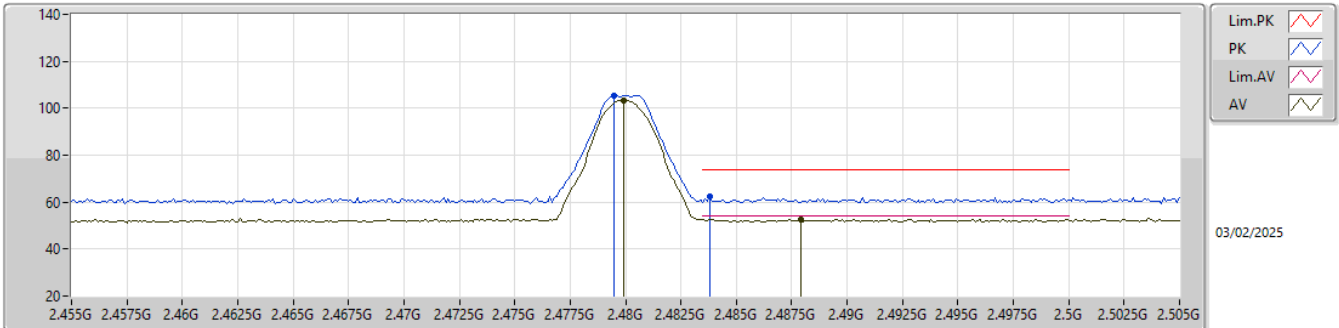


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.88088G	54.18	74.00	-19.82	45.11	3	Horizontal	61	1.00	-	33.26	6.81	31.00			
AV	4.879G	48.05	54.00	-5.95	38.98	3	Horizontal	61	1.00	-	33.26	6.81	31.00			
PK	7.32788G	54.20	74.00	-19.80	39.75	3	Horizontal	86	1.12	-	36.51	9.37	31.43			
AV	7.31536G	44.66	54.00	-9.34	30.26	3	Horizontal	86	1.12	-	36.46	9.37	31.43			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

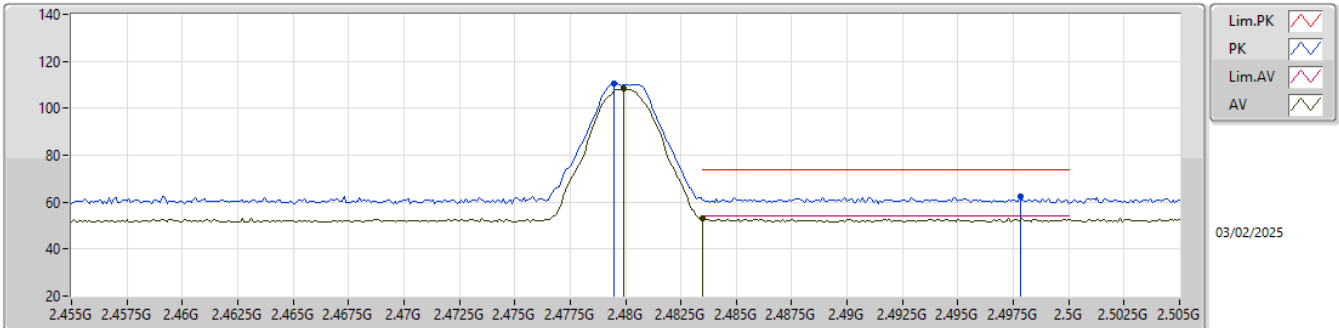


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.4795G	105.38	Inf	-Inf	72.66	3	Vertical	8	2.83	-	28.59	4.13	-				
AV	2.4799G	103.22	Inf	-Inf	70.49	3	Vertical	8	2.83	-	28.60	4.13	-				
PK	2.4838G	62.52	74.00	-11.48	29.79	3	Vertical	8	2.83	-	28.60	4.13	-				
AV	2.4879G	52.65	54.00	-1.35	19.91	3	Vertical	8	2.83	-	28.60	4.14	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

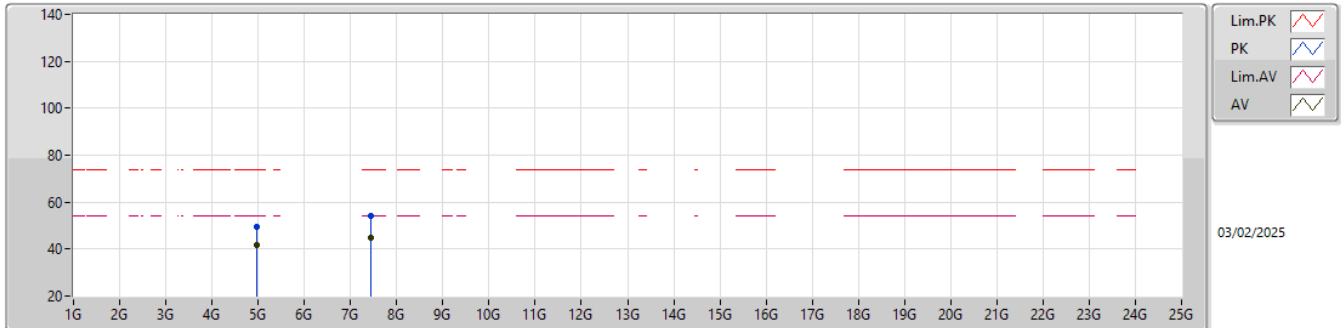


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.4795G	110.36	Inf	-Inf	77.64	3	Horizontal	310	2.56	-	28.59	4.13	-				
AV	2.4799G	108.19	Inf	-Inf	75.46	3	Horizontal	310	2.56	-	28.60	4.13	-				
PK	2.4978G	62.38	74.00	-11.62	29.64	3	Horizontal	310	2.56	-	28.60	4.14	-				
AV	2.4835G	53.09	54.00	-0.91	20.36	3	Horizontal	310	2.56	-	28.60	4.13	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

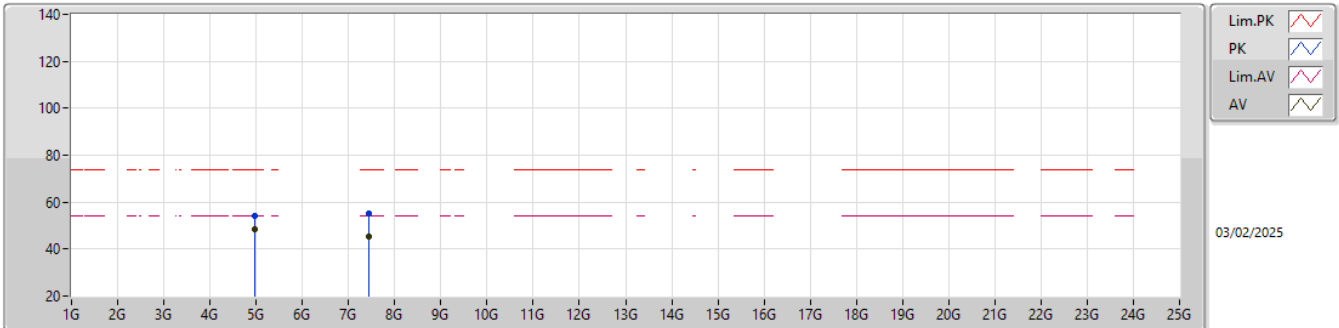


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.96112G	49.72	74.00	-24.28	40.47	3	Vertical	348	1.77	-	33.40	6.86	31.01			
AV	4.961G	41.51	54.00	-12.49	32.26	3	Vertical	348	1.77	-	33.40	6.86	31.01			
PK	7.44292G	54.38	74.00	-19.62	39.86	3	Vertical	141	2.17	-	36.60	9.35	31.43			
AV	7.441G	44.88	54.00	-9.12	30.35	3	Vertical	141	2.17	-	36.60	9.36	31.43			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.95892G	54.33	74.00	-19.67	45.08	3	Horizontal	51	1.80	-	33.40	6.86	31.01				
AV	4.959G	48.33	54.00	-5.67	39.08	3	Horizontal	51	1.80	-	33.40	6.86	31.01				
PK	7.434G	54.96	74.00	-19.04	40.43	3	Horizontal	208	1.80	-	36.60	9.36	31.43				
AV	7.43864G	45.16	54.00	-8.84	30.63	3	Horizontal	208	1.80	-	36.60	9.36	31.43				



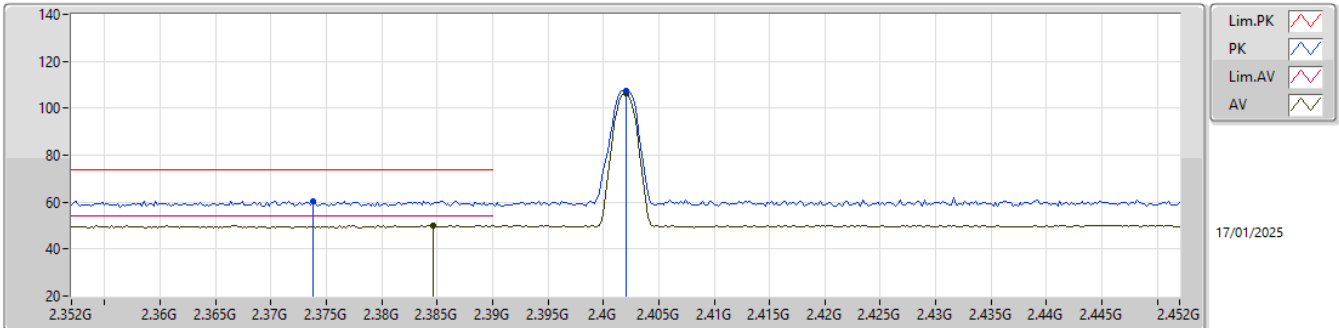
Test Mode: Mode 3

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-LTE(2Mbps)	Pass	AV	2.4836G	51.82	54.00	-2.18	3	Vertical	325	2.84	-

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

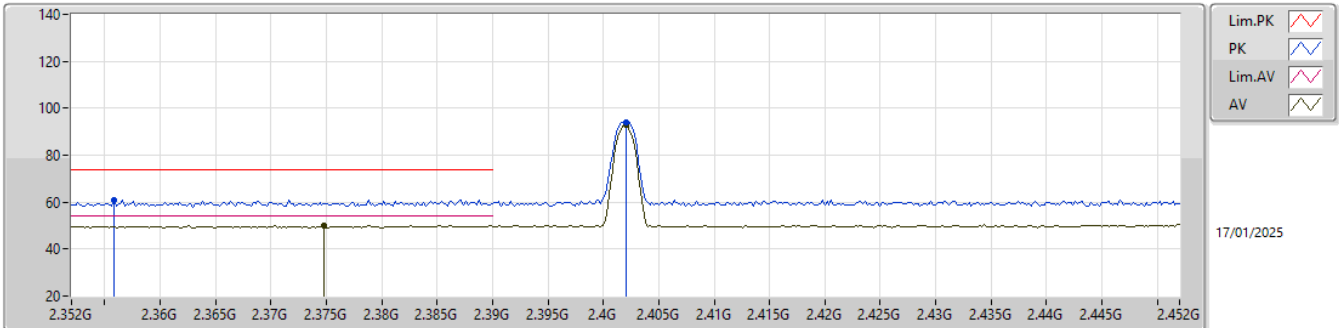


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3738G	60.55	74.00	-13.45	28.10	3	Vertical	325	2.47	-	28.40	4.05	-				
AV	2.3846G	50.09	54.00	-3.91	17.58	3	Vertical	325	2.47	-	28.45	4.06	-				
PK	2.402G	107.35	Inf	-Inf	74.80	3	Vertical	325	2.47	-	28.48	4.07	-				
AV	2.402G	106.23	Inf	-Inf	73.68	3	Vertical	325	2.47	-	28.48	4.07	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

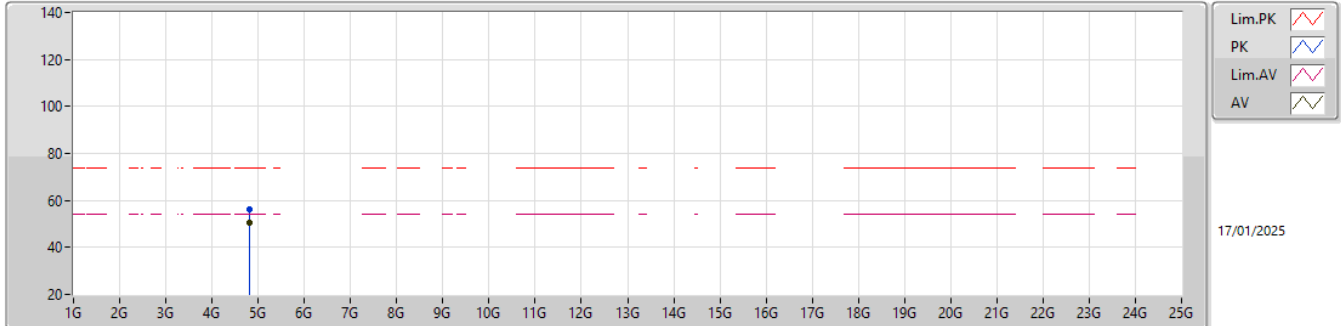


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3558G	60.75	74.00	-13.25	28.35	3	Horizontal	127	2.29	-	28.36	4.04	-				
AV	2.3748G	50.00	54.00	-4.00	17.55	3	Horizontal	127	2.29	-	28.40	4.05	-				
PK	2.402G	93.99	Inf	-Inf	61.44	3	Horizontal	127	2.29	-	28.48	4.07	-				
AV	2.402G	93.02	Inf	-Inf	60.47	3	Horizontal	127	2.29	-	28.48	4.07	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

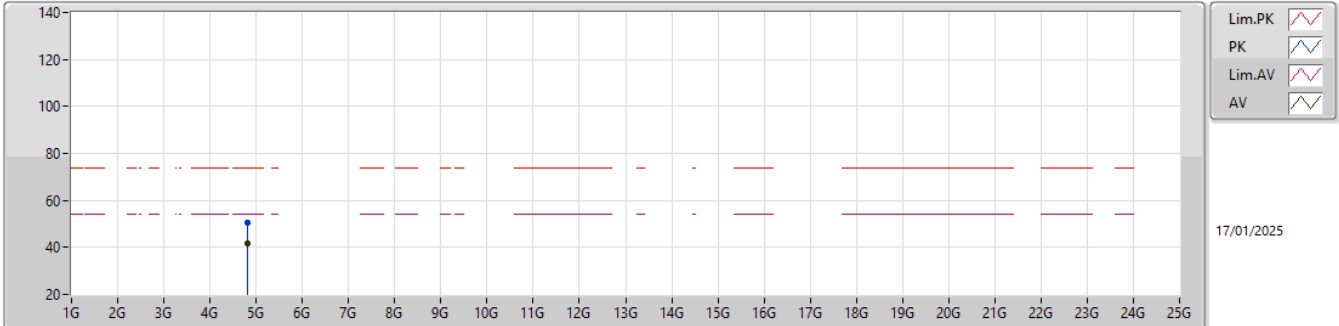


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80346G	56.28	74.00	-17.72	47.40	3	Vertical	183	2.55	-	33.11	6.77	31.00			
AV	4.80374G	50.29	54.00	-3.71	41.41	3	Vertical	183	2.55	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

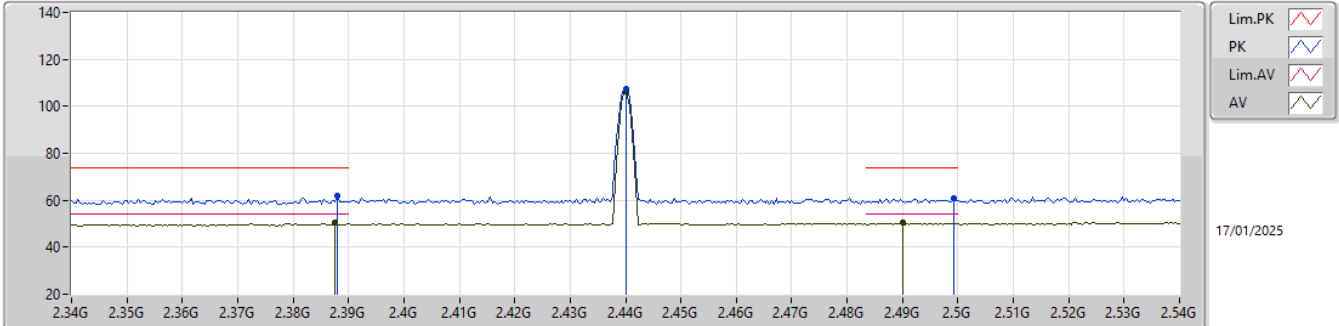


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80352G	50.73	74.00	-23.27	41.85	3	Horizontal	216	2.18	-	33.11	6.77	31.00			
AV	4.80366G	41.71	54.00	-12.29	32.83	3	Horizontal	216	2.18	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

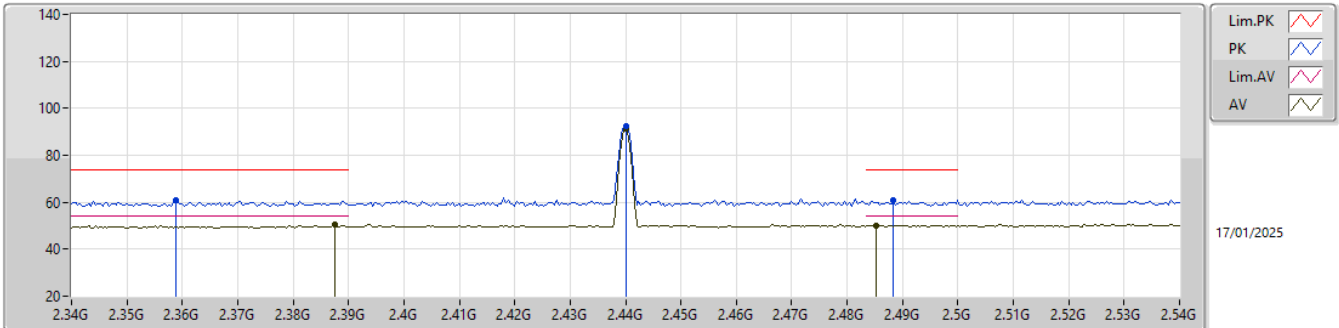


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.388G	61.74	74.00	-12.26	29.20	3	Vertical	320	2.88	-	28.48	4.06	-			
AV	2.3876G	50.38	54.00	-3.62	17.84	3	Vertical	320	2.88	-	28.48	4.06	-			
PK	2.44G	107.31	Inf	-Inf	74.71	3	Vertical	320	2.88	-	28.50	4.10	-			
AV	2.44G	106.39	Inf	-Inf	73.79	3	Vertical	320	2.88	-	28.50	4.10	-			
PK	2.4992G	60.65	74.00	-13.35	27.91	3	Vertical	320	2.88	-	28.60	4.14	-			
AV	2.49G	50.41	54.00	-3.59	17.67	3	Vertical	320	2.88	-	28.60	4.14	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

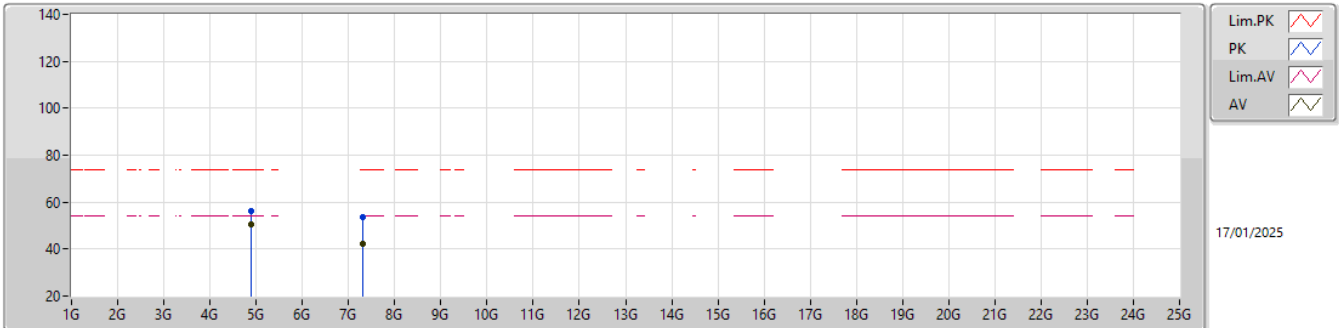


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3588G	60.78	74.00	-13.22	28.35	3	Horizontal	297	2.33	-	28.39	4.04	-			
AV	2.3876G	50.38	54.00	-3.62	17.84	3	Horizontal	297	2.33	-	28.48	4.06	-			
PK	2.44G	92.21	Inf	-Inf	59.61	3	Horizontal	297	2.33	-	28.50	4.10	-			
AV	2.44G	91.21	Inf	-Inf	58.61	3	Horizontal	297	2.33	-	28.50	4.10	-			
PK	2.4884G	60.96	74.00	-13.04	28.22	3	Horizontal	297	2.33	-	28.60	4.14	-			
AV	2.4852G	50.15	54.00	-3.85	17.42	3	Horizontal	297	2.33	-	28.60	4.13	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

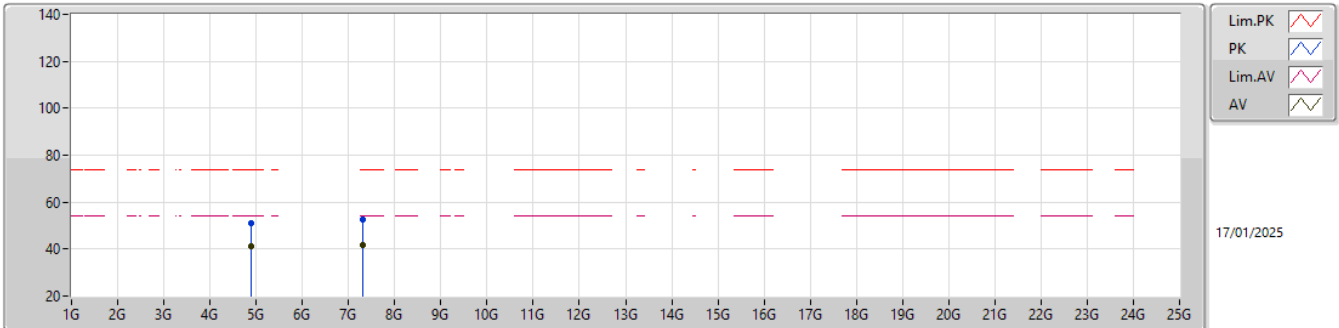


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.88028G	56.09	74.00	-17.91	47.02	3	Vertical	184	2.60	-	33.26	6.81	31.00			
AV	4.87962G	50.26	54.00	-3.74	41.19	3	Vertical	184	2.60	-	33.26	6.81	31.00			
PK	7.3183G	53.38	74.00	-20.62	38.97	3	Vertical	202	1.80	-	36.47	9.37	31.43			
AV	7.3163G	42.01	54.00	-11.99	27.60	3	Vertical	202	1.80	-	36.47	9.37	31.43			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

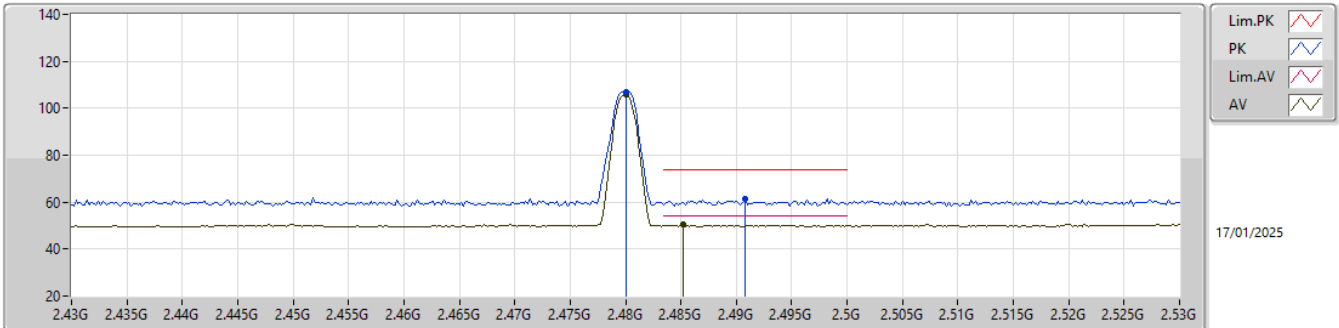


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.8794G	50.79	74.00	-23.21	41.72	3	Horizontal	270	2.32	-	33.26	6.81	31.00				
AV	4.87958G	41.26	54.00	-12.74	32.19	3	Horizontal	270	2.32	-	33.26	6.81	31.00				
PK	7.31664G	52.66	74.00	-21.34	38.25	3	Horizontal	207	2.09	-	36.47	9.37	31.43				
AV	7.32092G	41.64	54.00	-12.36	27.22	3	Horizontal	207	2.09	-	36.48	9.37	31.43				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

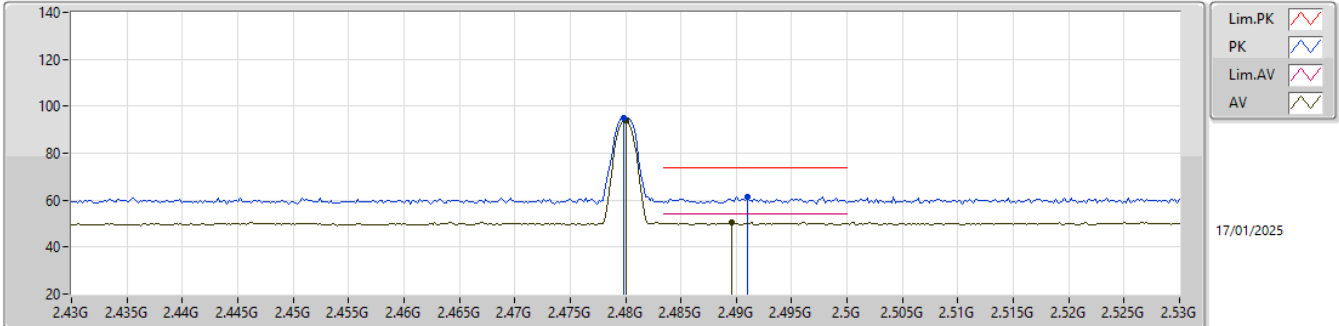


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.48G	107.08	Inf	-Inf	74.35	3	Vertical	325	2.84	-	28.60	4.13	-				
AV	2.48G	106.12	Inf	-Inf	73.39	3	Vertical	325	2.84	-	28.60	4.13	-				
PK	2.4908G	61.33	74.00	-12.67	28.59	3	Vertical	325	2.84	-	28.60	4.14	-				
AV	2.4852G	50.40	54.00	-3.60	17.67	3	Vertical	325	2.84	-	28.60	4.13	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

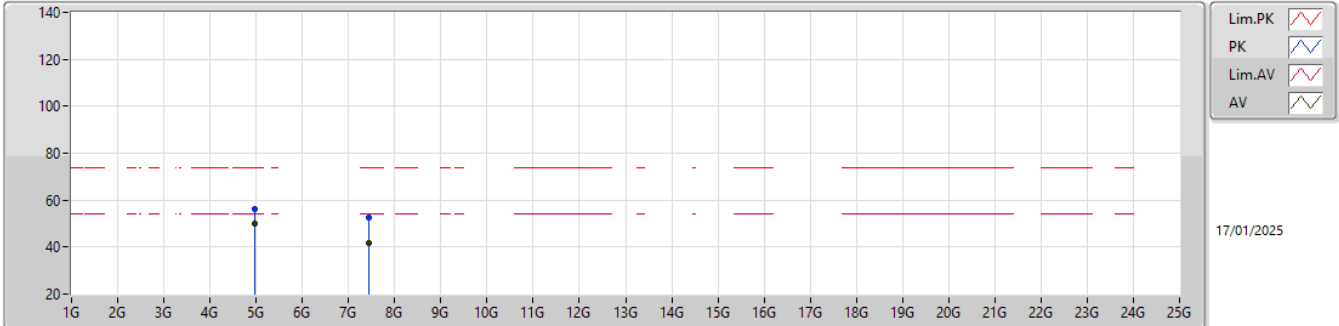


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.4798G	94.88	Inf	-Inf	62.15	3	Horizontal	237	2.94	-	28.60	4.13	-				
AV	2.48G	93.88	Inf	-Inf	61.15	3	Horizontal	237	2.94	-	28.60	4.13	-				
PK	2.491G	61.26	74.00	-12.74	28.52	3	Horizontal	237	2.94	-	28.60	4.14	-				
AV	2.4896G	50.41	54.00	-3.59	17.67	3	Horizontal	237	2.94	-	28.60	4.14	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

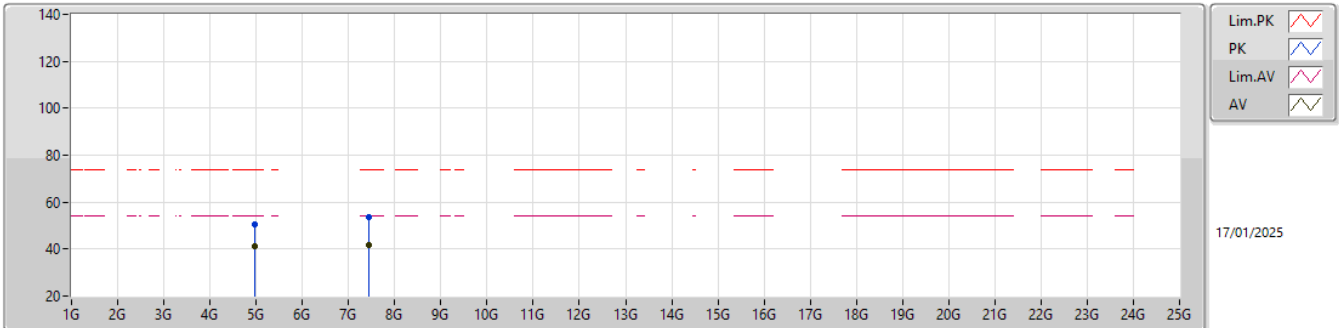


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.95978G	56.04	74.00	-17.96	46.79	3	Vertical	153	2.96	-	33.40	6.86	31.01			
AV	4.95972G	50.16	54.00	-3.84	40.91	3	Vertical	153	2.96	-	33.40	6.86	31.01			
PK	7.43744G	52.70	74.00	-21.30	38.17	3	Vertical	304	2.10	-	36.60	9.36	31.43			
AV	7.43808G	41.82	54.00	-12.18	27.29	3	Vertical	304	2.10	-	36.60	9.36	31.43			

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

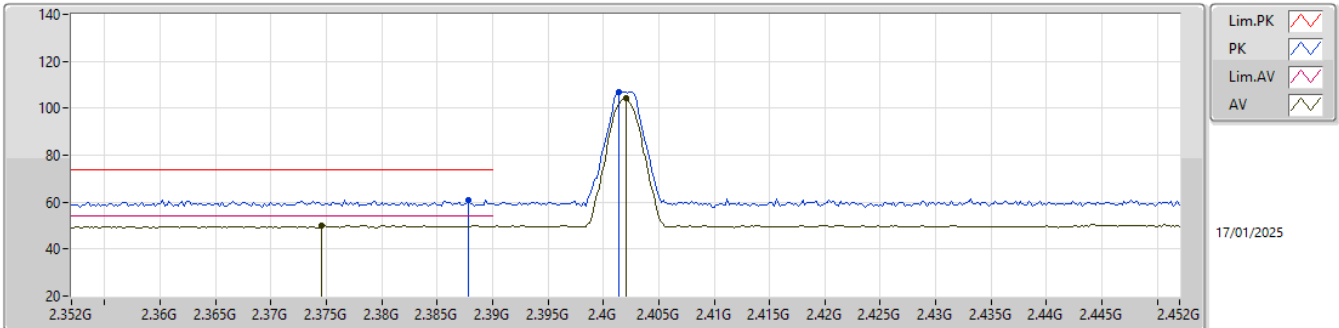


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.96038G	50.43	74.00	-23.57	41.18	3	Horizontal	89	2.58	-	33.40	6.86	31.01			
AV	4.9597G	41.01	54.00	-12.99	31.76	3	Horizontal	89	2.58	-	33.40	6.86	31.01			
PK	7.43784G	53.38	74.00	-20.62	38.85	3	Horizontal	281	1.07	-	36.60	9.36	31.43			
AV	7.43578G	41.89	54.00	-12.11	27.36	3	Horizontal	281	1.07	-	36.60	9.36	31.43			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

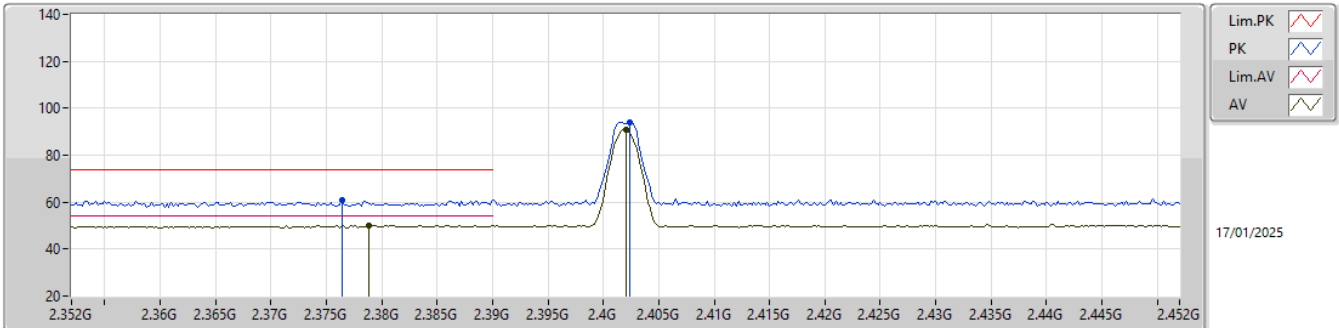


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3878G	61.04	74.00	-12.96	28.50	3	Vertical	324	2.46	-	28.48	4.06	-				
AV	2.3746G	50.00	54.00	-4.00	17.55	3	Vertical	324	2.46	-	28.40	4.05	-				
PK	2.4014G	107.14	Inf	-Inf	74.58	3	Vertical	324	2.46	-	28.49	4.07	-				
AV	2.402G	104.34	Inf	-Inf	71.79	3	Vertical	324	2.46	-	28.48	4.07	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

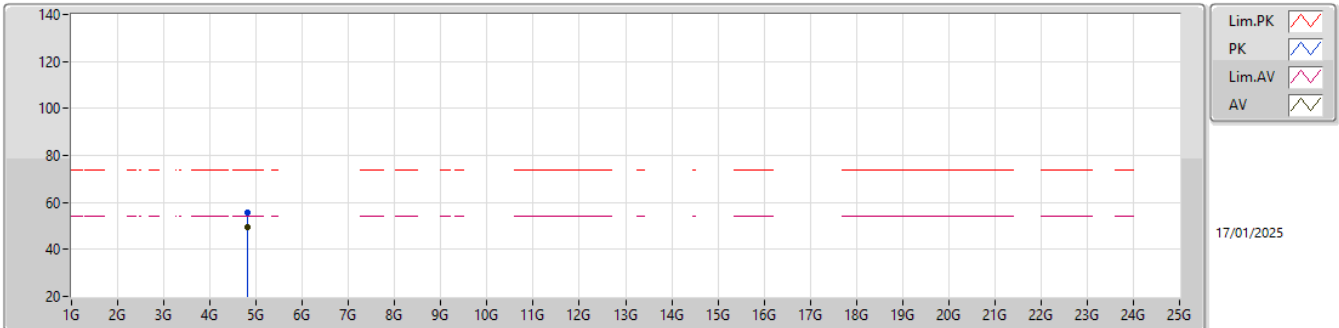


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3764G	60.78	74.00	-13.22	28.33	3	Horizontal	128	2.29	-	28.40	4.05	-			
AV	2.3788G	50.02	54.00	-3.98	17.56	3	Horizontal	128	2.29	-	28.40	4.06	-			
PK	2.4024G	93.87	Inf	-Inf	61.32	3	Horizontal	128	2.29	-	28.48	4.07	-			
AV	2.402G	91.00	Inf	-Inf	58.45	3	Horizontal	128	2.29	-	28.48	4.07	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

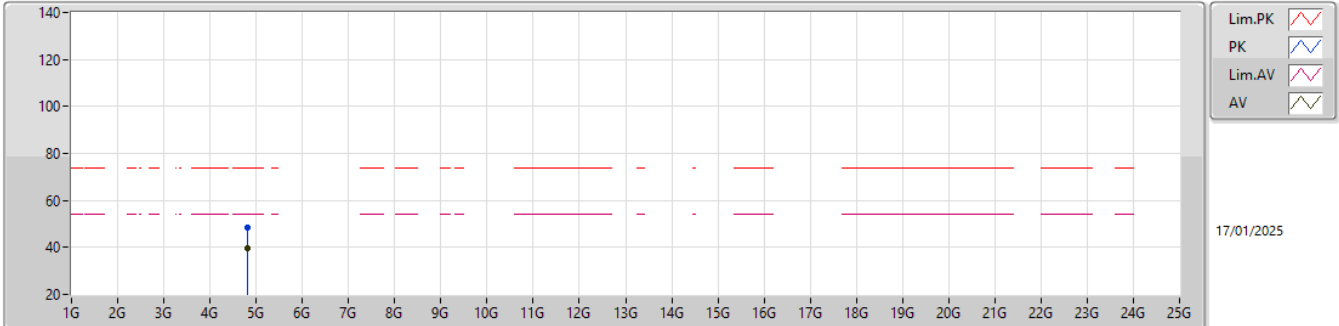


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.80308G	55.50	74.00	-18.50	46.62	3	Vertical	185	2.54	-	33.11	6.77	31.00			
AV	4.80292G	49.61	54.00	-4.39	40.73	3	Vertical	185	2.54	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

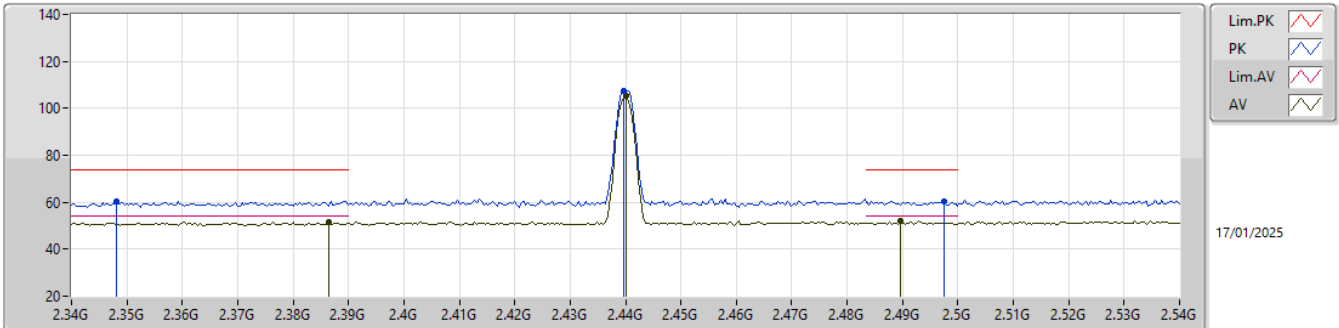


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80278G	48.45	74.00	-25.55	39.57	3	Horizontal	19	2.44	-	33.11	6.77	31.00			
AV	4.80294G	39.75	54.00	-14.25	30.87	3	Horizontal	19	2.44	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

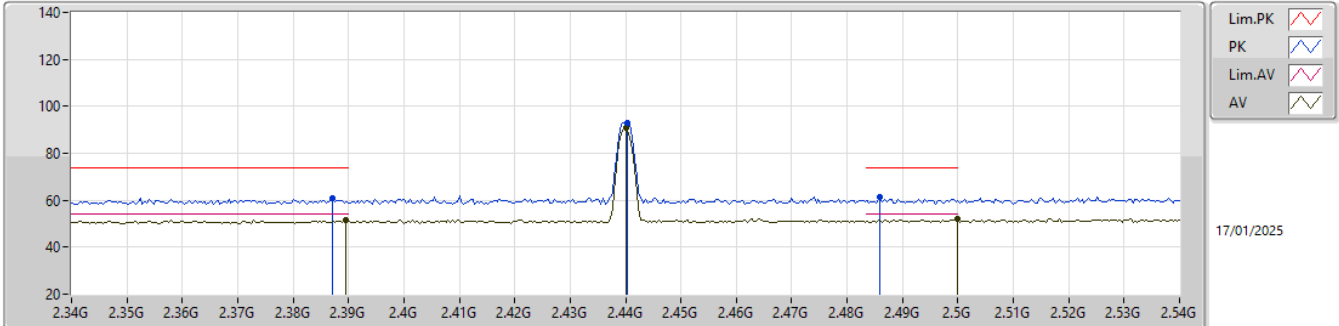


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.348G	60.51	74.00	-13.49	28.18	3	Vertical	320	2.89	-	28.30	4.03	-				
AV	2.3864G	51.73	54.00	-2.27	19.21	3	Vertical	320	2.89	-	28.46	4.06	-				
PK	2.4396G	107.30	Inf	-Inf	74.70	3	Vertical	320	2.89	-	28.50	4.10	-				
AV	2.44G	105.14	Inf	-Inf	72.54	3	Vertical	320	2.89	-	28.50	4.10	-				
PK	2.4976G	60.41	74.00	-13.59	27.67	3	Vertical	320	2.89	-	28.60	4.14	-				
AV	2.4896G	51.82	54.00	-2.18	19.08	3	Vertical	320	2.89	-	28.60	4.14	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

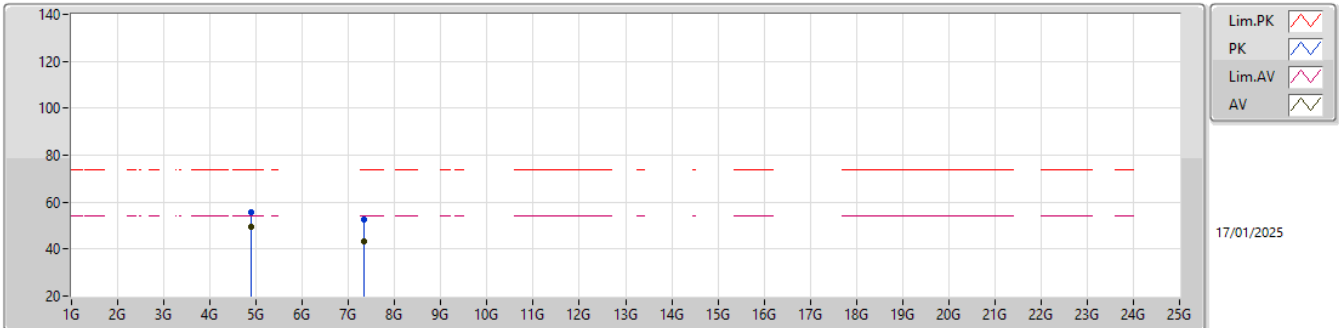


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3872G	60.66	74.00	-13.34	28.13	3	Horizontal	295	2.32	-	28.47	4.06	-				
AV	2.3896G	51.56	54.00	-2.44	19.00	3	Horizontal	295	2.32	-	28.50	4.10	-				
PK	2.4404G	92.86	Inf	-Inf	60.26	3	Horizontal	295	2.32	-	28.50	4.10	-				
AV	2.44G	90.61	Inf	-Inf	58.01	3	Horizontal	295	2.32	-	28.50	4.10	-				
PK	2.486G	61.32	74.00	-12.68	28.59	3	Horizontal	295	2.32	-	28.60	4.13	-				
AV	2.5G	51.82	54.00	-2.18	19.08	3	Horizontal	295	2.32	-	28.60	4.14	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

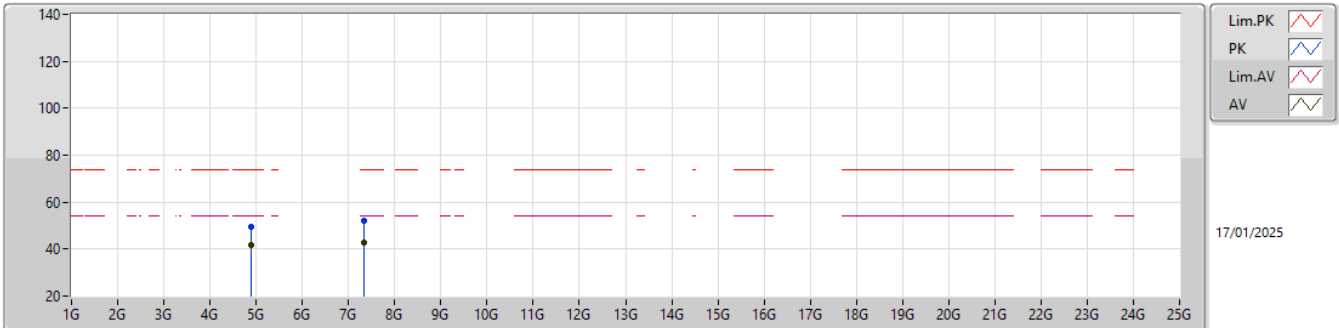


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.8791G	55.63	74.00	-18.37	46.56	3	Vertical	171	2.76	-	33.26	6.81	31.00				
AV	4.87908G	49.53	54.00	-4.47	40.46	3	Vertical	171	2.76	-	33.26	6.81	31.00				
PK	7.32368G	52.40	74.00	-21.60	37.97	3	Vertical	301	1.16	-	36.49	9.37	31.43				
AV	7.3255G	43.14	54.00	-10.86	28.70	3	Vertical	301	1.16	-	36.50	9.37	31.43				

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

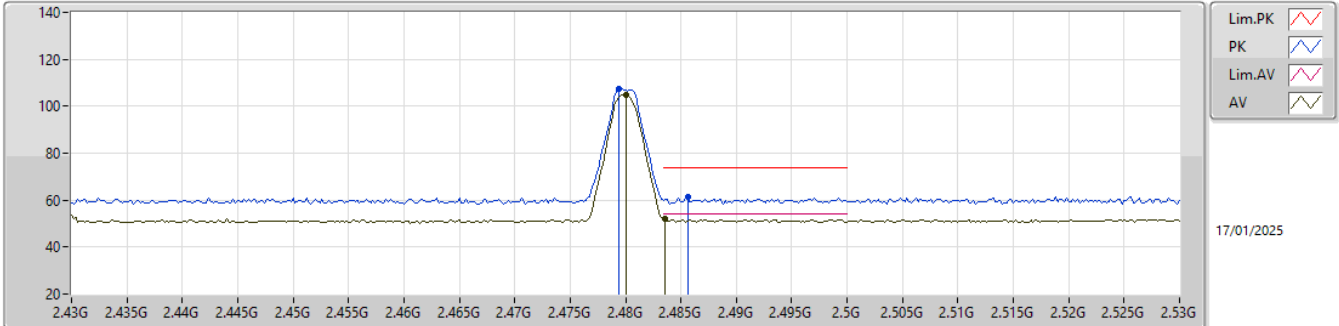


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87892G	49.70	74.00	-24.30	40.63	3	Horizontal	273	2.33	-	33.26	6.81	31.00			
AV	4.87892G	41.61	54.00	-12.39	32.54	3	Horizontal	273	2.33	-	33.26	6.81	31.00			
PK	7.32334G	52.28	74.00	-21.72	37.85	3	Horizontal	74	1.88	-	36.49	9.37	31.43			
AV	7.32339G	42.99	54.00	-11.01	28.55	3	Horizontal	74	1.88	-	36.50	9.37	31.43			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

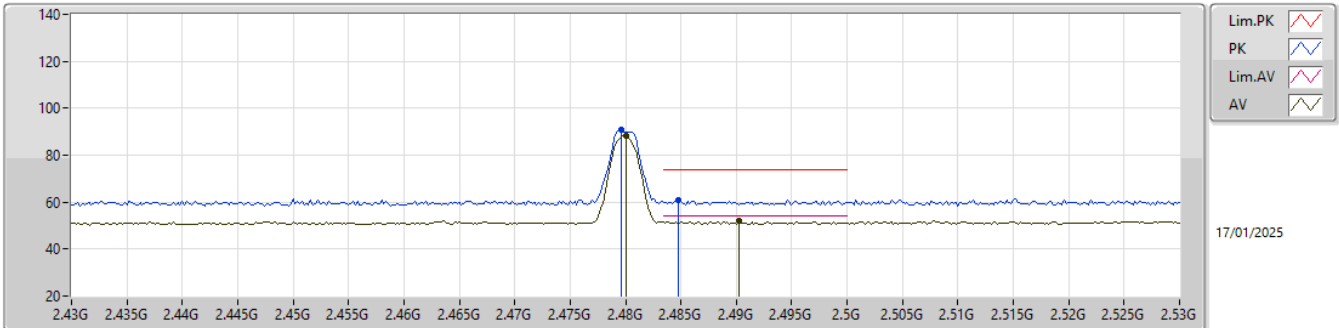


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.4794G	107.17	Inf	-Inf	74.45	3	Vertical	325	2.84	-	28.59	4.13	-				
AV	2.48G	105.02	Inf	-Inf	72.29	3	Vertical	325	2.84	-	28.60	4.13	-				
PK	2.4856G	61.18	74.00	-12.82	28.45	3	Vertical	325	2.84	-	28.60	4.13	-				
AV	2.4836G	51.82	54.00	-2.18	19.09	3	Vertical	325	2.84	-	28.60	4.13	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

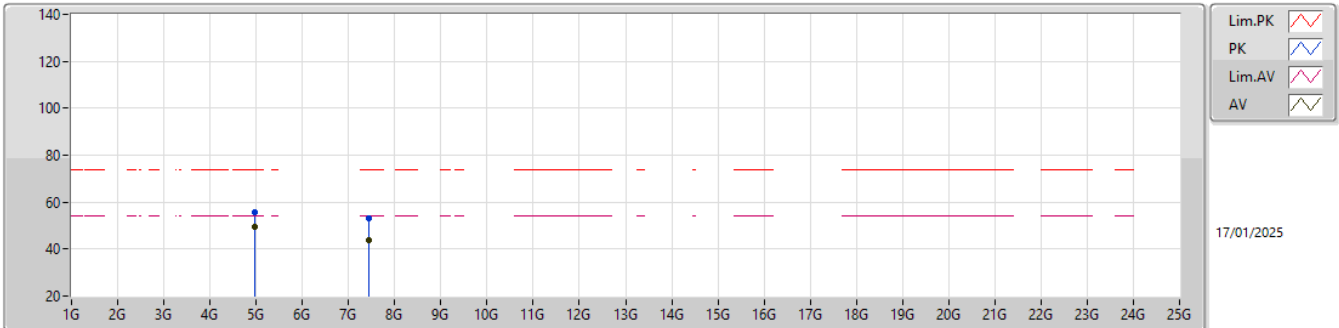


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4796G	90.62	Inf	-Inf	57.89	3	Horizontal	359.8	2.84	-	28.60	4.13	-			
AV	2.48G	88.13	Inf	-Inf	55.40	3	Horizontal	359.8	2.84	-	28.60	4.13	-			
PK	2.4848G	60.80	74.00	-13.20	28.07	3	Horizontal	359.8	2.84	-	28.60	4.13	-			
AV	2.4902G	51.82	54.00	-2.18	19.08	3	Horizontal	359.8	2.84	-	28.60	4.14	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

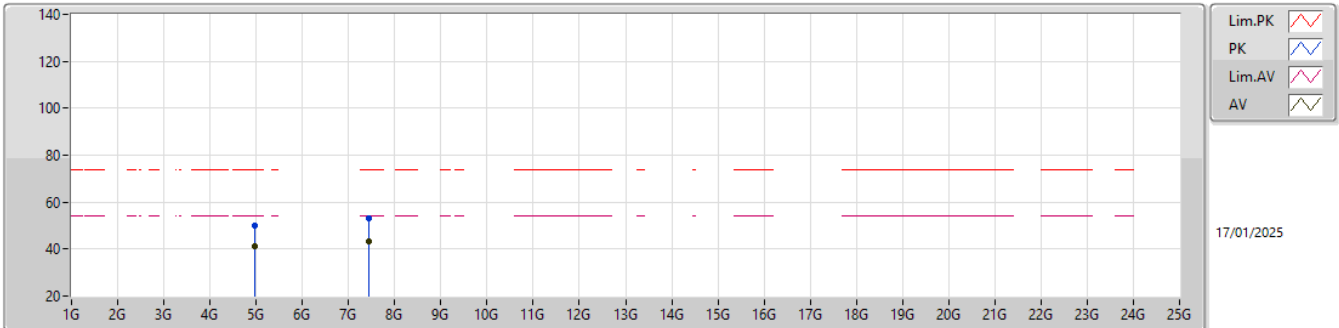


EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.959G	55.68	74.00	-18.32	46.43	3	Vertical	136	2.93	-	33.40	6.86	31.01			
AV	4.95906G	49.59	54.00	-4.41	40.34	3	Vertical	136	2.93	-	33.40	6.86	31.01			
PK	7.4385G	53.19	74.00	-20.81	38.66	3	Vertical	314	2.94	-	36.60	9.36	31.43			
AV	7.4353G	43.81	54.00	-10.19	29.28	3	Vertical	314	2.94	-	36.60	9.36	31.43			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



EUT_Z_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.96096G	49.76	74.00	-24.24	40.51	3	Horizontal	89	2.54	-	33.40	6.86	31.01			
AV	4.96078G	41.02	54.00	-12.98	31.77	3	Horizontal	89	2.54	-	33.40	6.86	31.01			
PK	7.44288G	52.93	74.00	-21.07	38.41	3	Horizontal	337	1.13	-	36.60	9.35	31.43			
AV	7.44632G	43.23	54.00	-10.77	28.71	3	Horizontal	337	1.13	-	36.60	9.35	31.43			



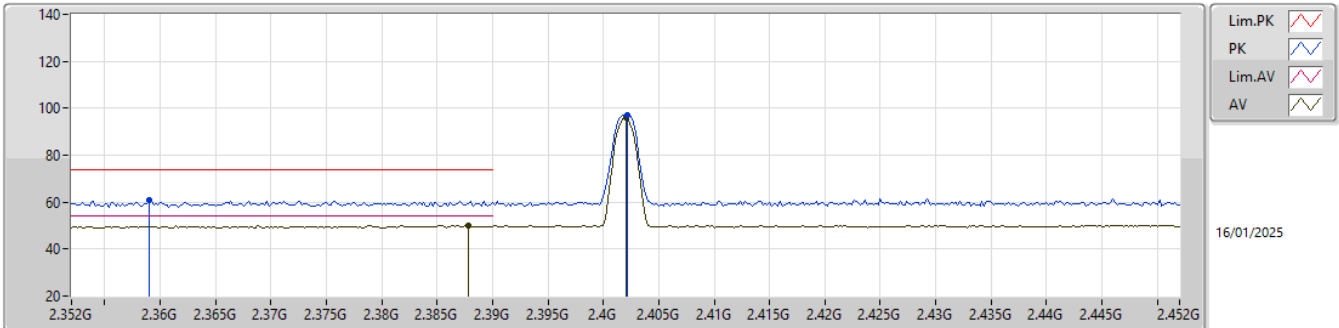
Test Mode: Mode 4

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-LTE(2Mbps)	Pass	AV	2.498G	52.25	54.00	-1.75	3	Horizontal	308	2.40	-

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

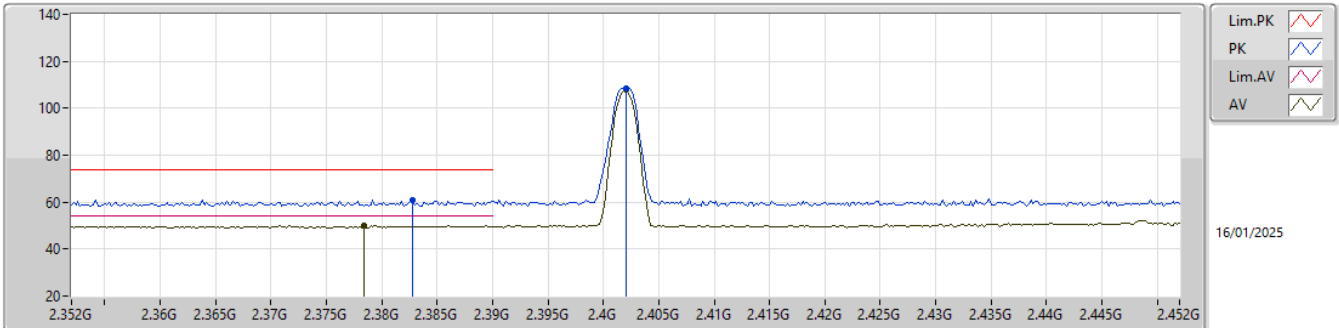


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.359G	60.71	74.00	-13.29	28.28	3	Vertical	166	1.76	-	28.39	4.04	-			
AV	2.3878G	50.13	54.00	-3.87	17.59	3	Vertical	166	1.76	-	28.48	4.06	-			
PK	2.4022G	97.04	Inf	-Inf	64.49	3	Vertical	166	1.76	-	28.48	4.07	-			
AV	2.402G	95.99	Inf	-Inf	63.44	3	Vertical	166	1.76	-	28.48	4.07	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

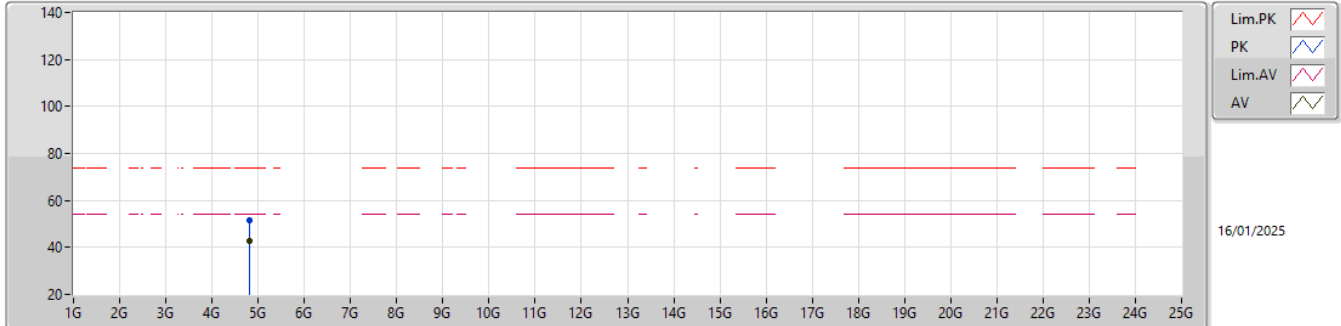


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3828G	60.98	74.00	-13.02	28.49	3	Horizontal	313	2.98	-	28.43	4.06	-			
AV	2.3784G	50.01	54.00	-3.99	17.56	3	Horizontal	313	2.98	-	28.40	4.05	-			
PK	2.402G	108.67	Inf	-Inf	76.12	3	Horizontal	313	2.98	-	28.48	4.07	-			
AV	2.402G	107.68	Inf	-Inf	75.13	3	Horizontal	313	2.98	-	28.48	4.07	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

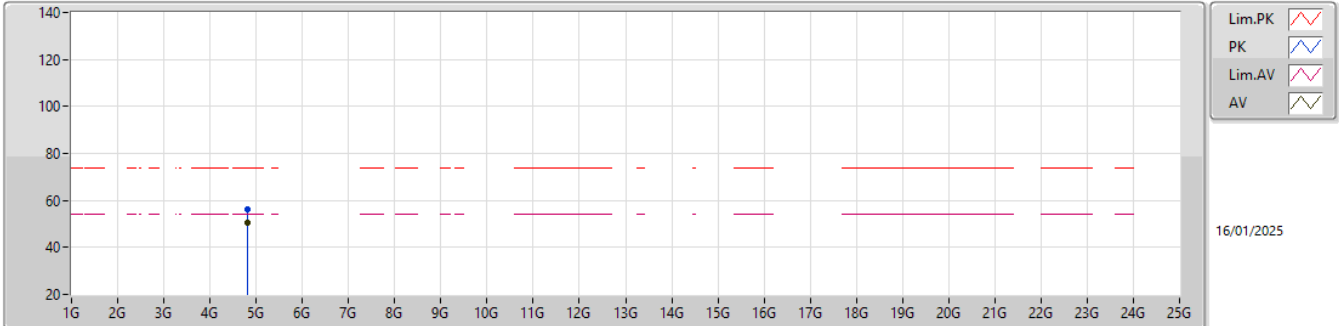


EUT_V_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.80348G	51.62	74.00	-22.38	42.74	3	Vertical	354	1.03	-	33.11	6.77	31.00			
AV	4.80378G	42.69	54.00	-11.31	33.81	3	Vertical	354	1.03	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

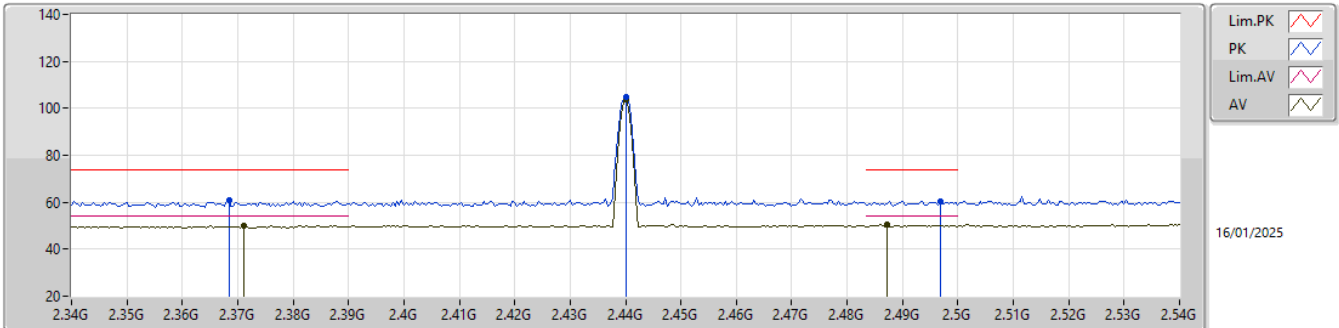


EUT_V_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.8043G	56.22	74.00	-17.78	47.34	3	Horizontal	58	1.38	-	33.11	6.77	31.00			
AV	4.80364G	50.37	54.00	-3.63	41.49	3	Horizontal	58	1.38	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

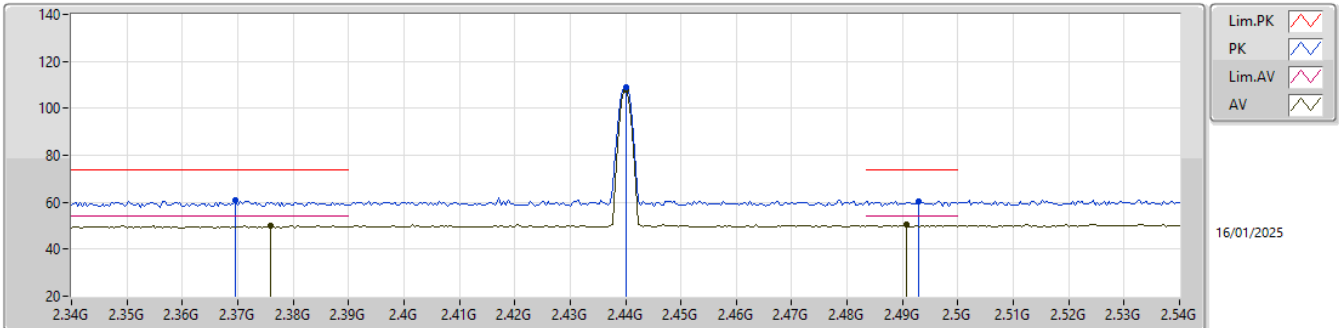


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3684G	60.76	74.00	-13.24	28.31	3	Vertical	5	2.92	-	28.40	4.05	-				
AV	2.3712G	49.99	54.00	-4.01	17.54	3	Vertical	5	2.92	-	28.40	4.05	-				
PK	2.44G	104.58	Inf	-Inf	71.98	3	Vertical	5	2.92	-	28.50	4.10	-				
AV	2.44G	103.60	Inf	-Inf	71.00	3	Vertical	5	2.92	-	28.50	4.10	-				
PK	2.4968G	60.49	74.00	-13.51	27.75	3	Vertical	5	2.92	-	28.60	4.14	-				
AV	2.4872G	50.41	54.00	-3.59	17.67	3	Vertical	5	2.92	-	28.60	4.14	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

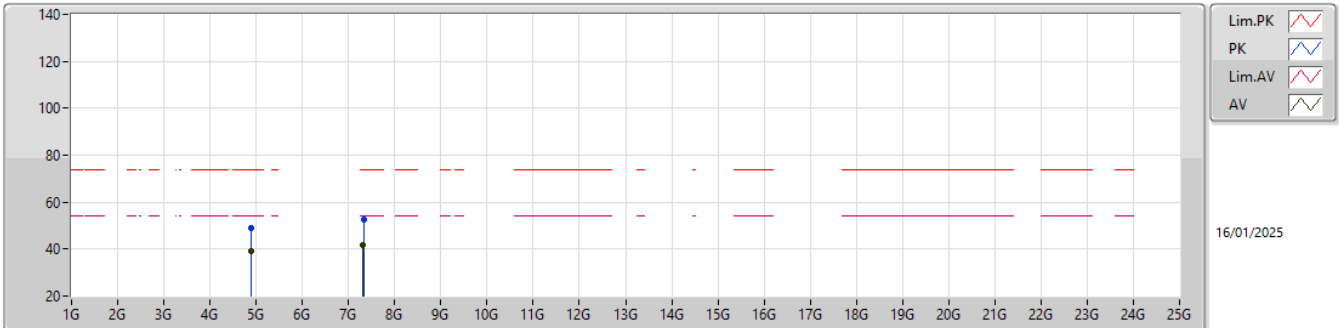


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3696G	60.69	74.00	-13.31	28.24	3	Horizontal	314	2.40	-	28.40	4.05	-			
AV	2.376G	50.01	54.00	-3.99	17.56	3	Horizontal	314	2.40	-	28.40	4.05	-			
PK	2.44G	108.87	Inf	-Inf	76.27	3	Horizontal	314	2.40	-	28.50	4.10	-			
AV	2.44G	107.87	Inf	-Inf	75.27	3	Horizontal	314	2.40	-	28.50	4.10	-			
PK	2.4928G	60.49	74.00	-13.51	27.75	3	Horizontal	314	2.40	-	28.60	4.14	-			
AV	2.4908G	50.41	54.00	-3.59	17.67	3	Horizontal	314	2.40	-	28.60	4.14	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

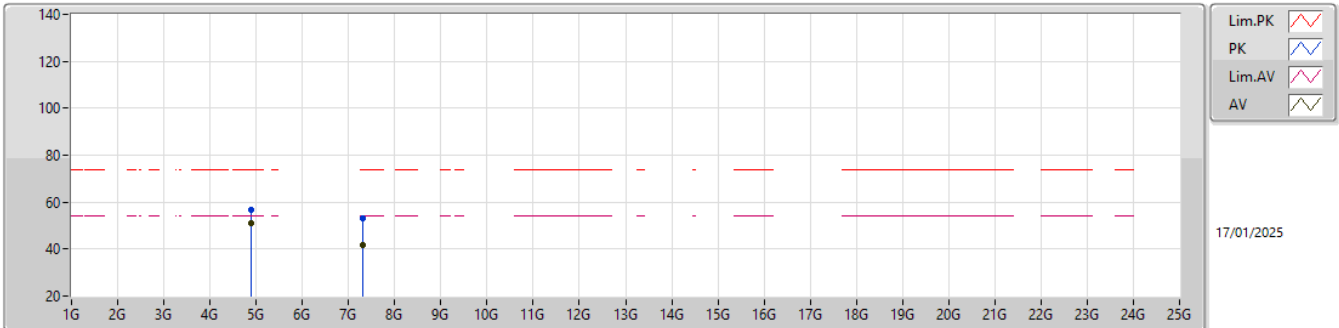


EUT_Y_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87972G	49.11	74.00	-24.89	40.04	3	Vertical	59	2.02	-	33.26	6.81	31.00			
AV	4.87972G	39.31	54.00	-14.69	30.24	3	Vertical	59	2.02	-	33.26	6.81	31.00			
PK	7.32262G	52.63	74.00	-21.37	38.20	3	Vertical	339	1.80	-	36.49	9.37	31.43			
AV	7.31998G	41.71	54.00	-12.29	27.29	3	Vertical	339	1.80	-	36.48	9.37	31.43			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

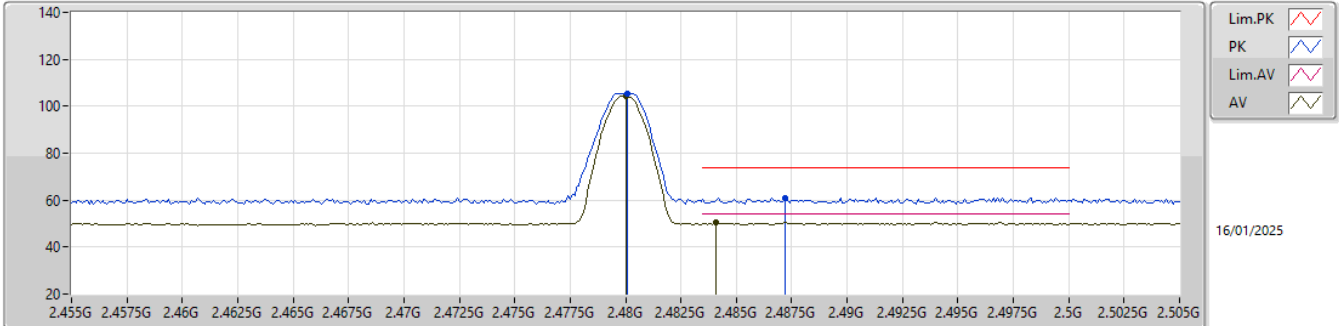


EUT_Y_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87954G	56.86	74.00	-17.14	47.79	3	Horizontal	60	1.15	-	33.26	6.81	31.00			
AV	4.87988G	50.82	54.00	-3.18	41.75	3	Horizontal	60	1.15	-	33.26	6.81	31.00			
PK	7.31408G	52.88	74.00	-21.12	38.48	3	Horizontal	69	1.99	-	36.46	9.37	31.43			
AV	7.31642G	41.61	54.00	-12.39	27.20	3	Horizontal	69	1.99	-	36.47	9.37	31.43			

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

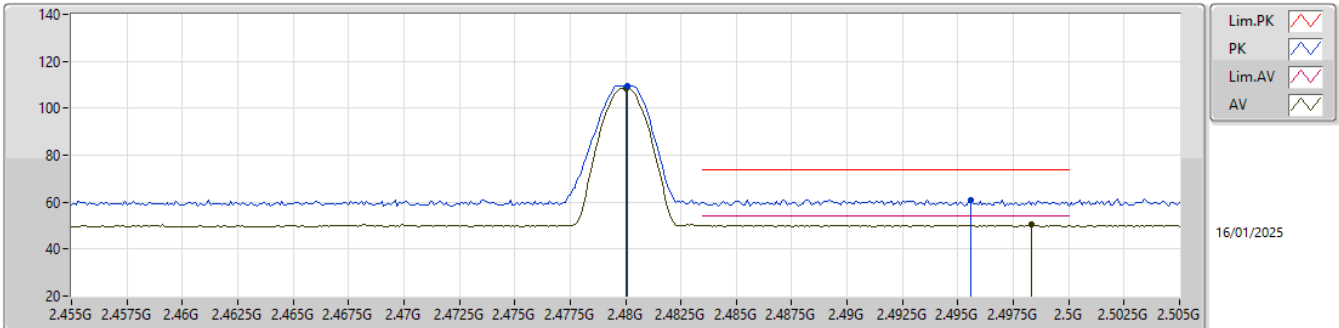


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4801G	105.49	Inf	-Inf	72.76	3	Vertical	1	2.84	-	28.60	4.13	-			
AV	2.48G	104.54	Inf	-Inf	71.81	3	Vertical	1	2.84	-	28.60	4.13	-			
PK	2.4872G	60.96	74.00	-13.04	28.22	3	Vertical	1	2.84	-	28.60	4.14	-			
AV	2.4841G	50.41	54.00	-3.59	17.68	3	Vertical	1	2.84	-	28.60	4.13	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

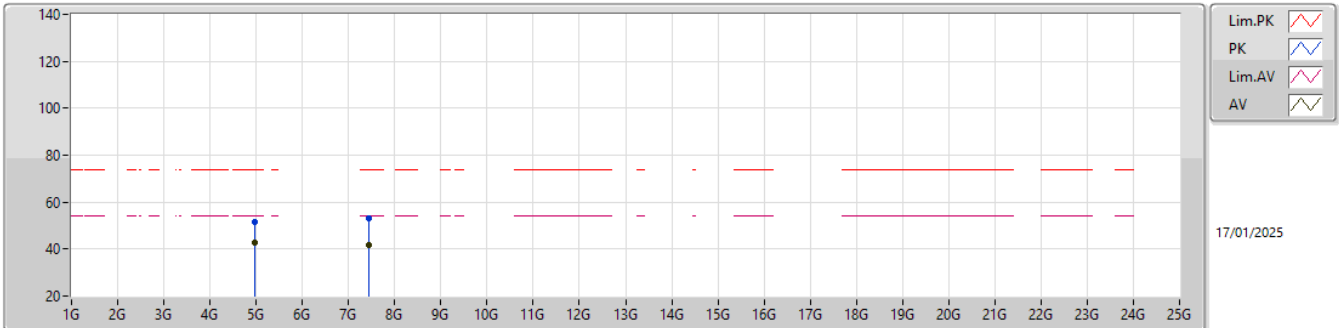


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4801G	109.62	Inf	-Inf	76.89	3	Horizontal	315	2.57	-	28.60	4.13	-			
AV	2.48G	108.64	Inf	-Inf	75.91	3	Horizontal	315	2.57	-	28.60	4.13	-			
PK	2.4956G	61.03	74.00	-12.97	28.29	3	Horizontal	315	2.57	-	28.60	4.14	-			
AV	2.4983G	50.66	54.00	-3.34	17.92	3	Horizontal	315	2.57	-	28.60	4.14	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

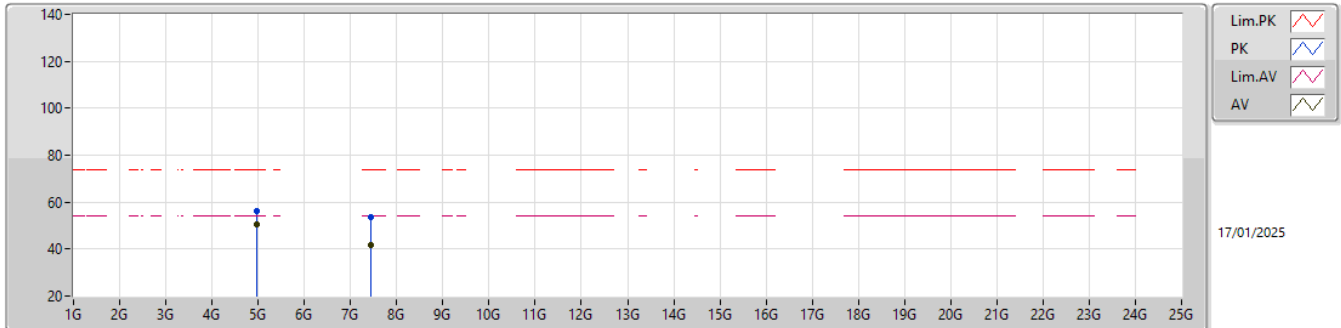


EUT_Y_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.96054G	51.52	74.00	-22.48	42.27	3	Vertical	355	1.25	-	33.40	6.86	31.01			
AV	4.96004G	42.55	54.00	-11.45	33.30	3	Vertical	355	1.25	-	33.40	6.86	31.01			
PK	7.43778G	52.88	74.00	-21.12	38.35	3	Vertical	345	2.23	-	36.60	9.36	31.43			
AV	7.43734G	41.96	54.00	-12.04	27.43	3	Vertical	345	2.23	-	36.60	9.36	31.43			

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

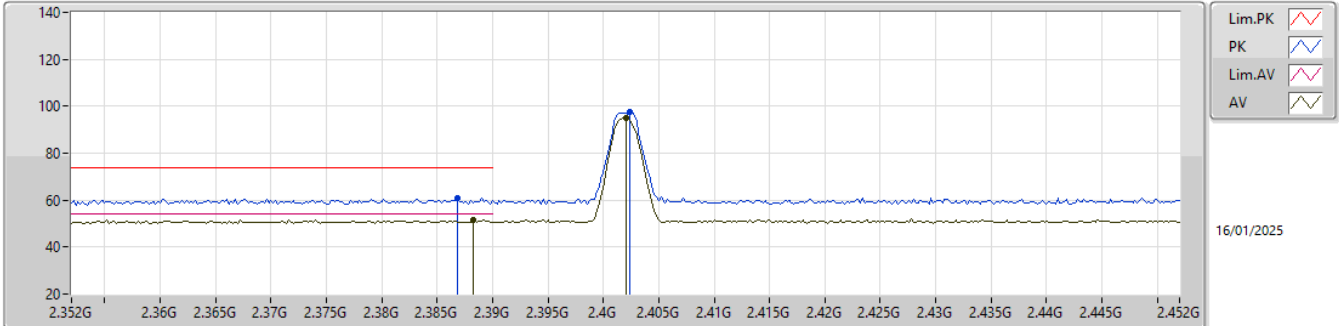


EUT_Y_1TX
Setting 14
02-R-Y-1
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.9605G	56.37	74.00	-17.63	47.12	3	Horizontal	59	1.13	-	33.40	6.86	31.01				
AV	4.95976G	50.64	54.00	-3.36	41.39	3	Horizontal	59	1.13	-	33.40	6.86	31.01				
PK	7.43822G	53.63	74.00	-20.37	39.10	3	Horizontal	164	1.85	-	36.60	9.36	31.43				
AV	7.43772G	41.82	54.00	-12.18	27.29	3	Horizontal	164	1.85	-	36.60	9.36	31.43				

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

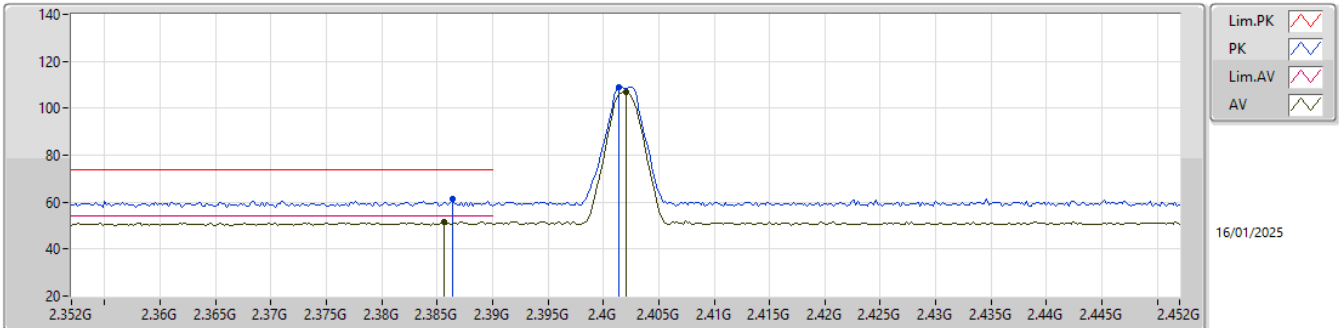


EUT Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3868G	60.96	74.00	-13.04	28.43	3	Vertical	167	1.76	-	28.47	4.06	-			
AV	2.3882G	51.75	54.00	-2.25	19.21	3	Vertical	167	1.76	-	28.48	4.06	-			
PK	2.4024G	97.38	Inf	-Inf	64.83	3	Vertical	167	1.76	-	28.48	4.07	-			
AV	2.402G	95.07	Inf	-Inf	62.52	3	Vertical	167	1.76	-	28.48	4.07	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

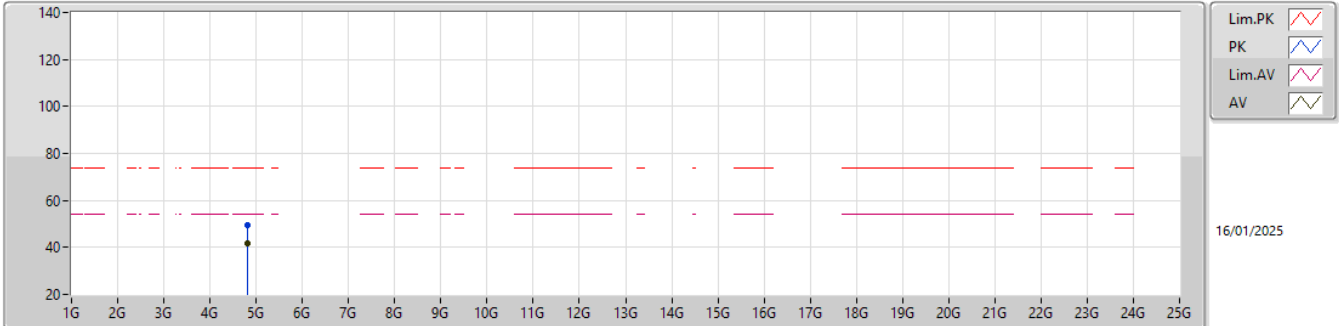


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3864G	61.37	74.00	-12.63	28.85	3	Horizontal	314	2.98	-	28.46	4.06	-				
AV	2.3856G	51.73	54.00	-2.27	19.21	3	Horizontal	314	2.98	-	28.46	4.06	-				
PK	2.4014G	108.94	Inf	-Inf	76.38	3	Horizontal	314	2.98	-	28.49	4.07	-				
AV	2.402G	106.75	Inf	-Inf	74.20	3	Horizontal	314	2.98	-	28.48	4.07	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

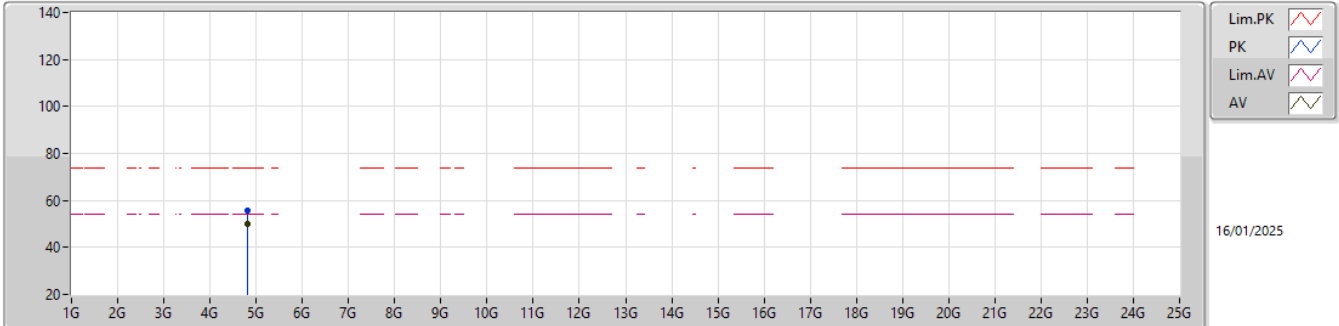


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80438G	49.29	74.00	-24.71	40.41	3	Vertical	348	1.01	-	33.11	6.77	31.00			
AV	4.80296G	41.76	54.00	-12.24	32.88	3	Vertical	348	1.01	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

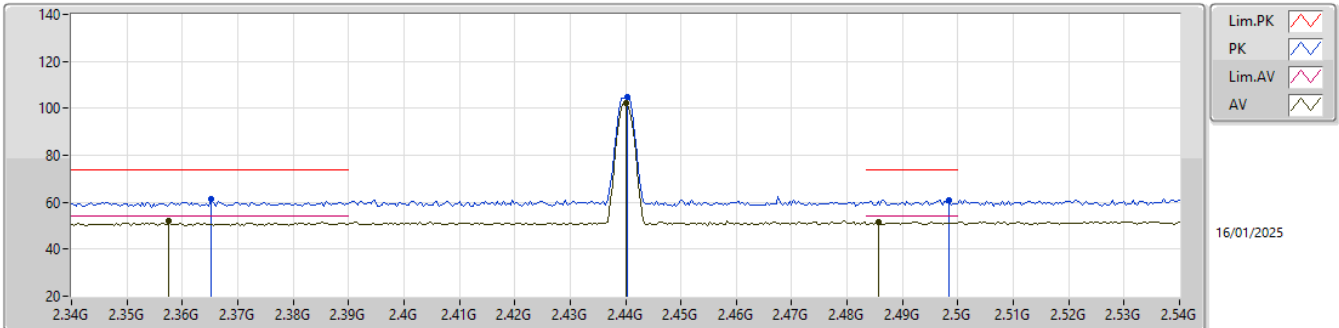


EUT_V_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80504G	55.75	74.00	-18.25	46.87	3	Horizontal	56	1.80	-	33.11	6.77	31.00			
AV	4.803G	49.83	54.00	-4.17	40.95	3	Horizontal	56	1.80	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

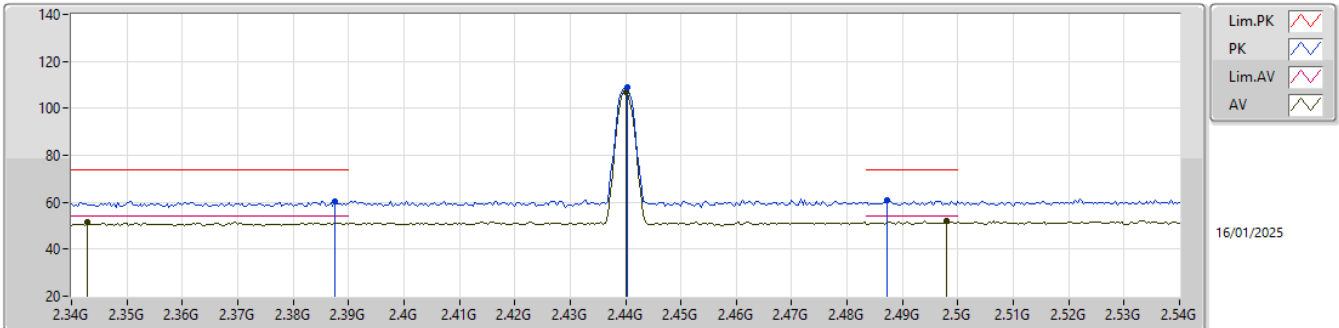


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3652G	61.32	74.00	-12.68	28.87	3	Vertical	6	2.93	-	28.40	4.05	-			
AV	2.3576G	52.17	54.00	-1.83	19.75	3	Vertical	6	2.93	-	28.38	4.04	-			
PK	2.4404G	104.62	Inf	-Inf	72.02	3	Vertical	6	2.93	-	28.50	4.10	-			
AV	2.44G	102.46	Inf	-Inf	69.86	3	Vertical	6	2.93	-	28.50	4.10	-			
PK	2.4984G	60.88	74.00	-13.12	28.14	3	Vertical	6	2.93	-	28.60	4.14	-			
AV	2.4856G	51.60	54.00	-2.40	18.87	3	Vertical	6	2.93	-	28.60	4.13	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

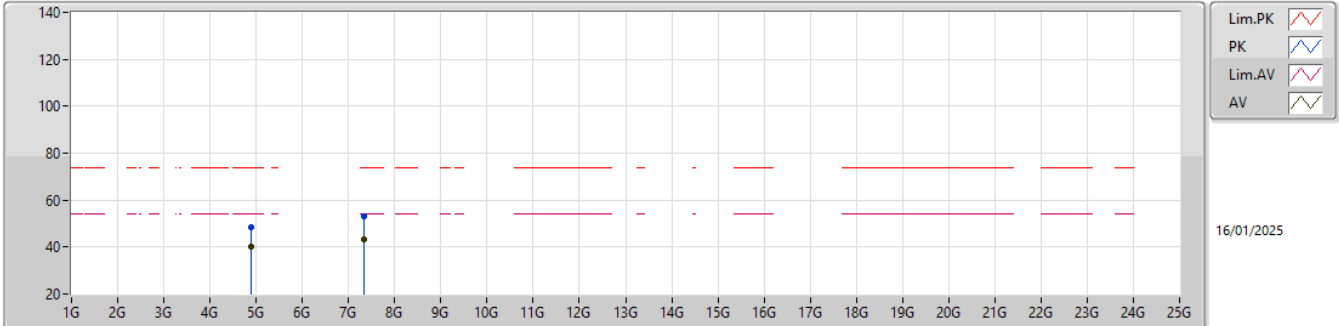


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3876G	60.52	74.00	-13.48	27.98	3	Horizontal	308	2.40	-	28.48	4.06	-			
AV	2.3428G	51.43	54.00	-2.57	19.10	3	Horizontal	308	2.40	-	28.30	4.03	-			
PK	2.4404G	108.89	Inf	-Inf	76.29	3	Horizontal	308	2.40	-	28.50	4.10	-			
AV	2.44G	106.87	Inf	-Inf	74.27	3	Horizontal	308	2.40	-	28.50	4.10	-			
PK	2.4872G	60.81	74.00	-13.19	28.07	3	Horizontal	308	2.40	-	28.60	4.14	-			
AV	2.498G	52.25	54.00	-1.75	19.51	3	Horizontal	308	2.40	-	28.60	4.14	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

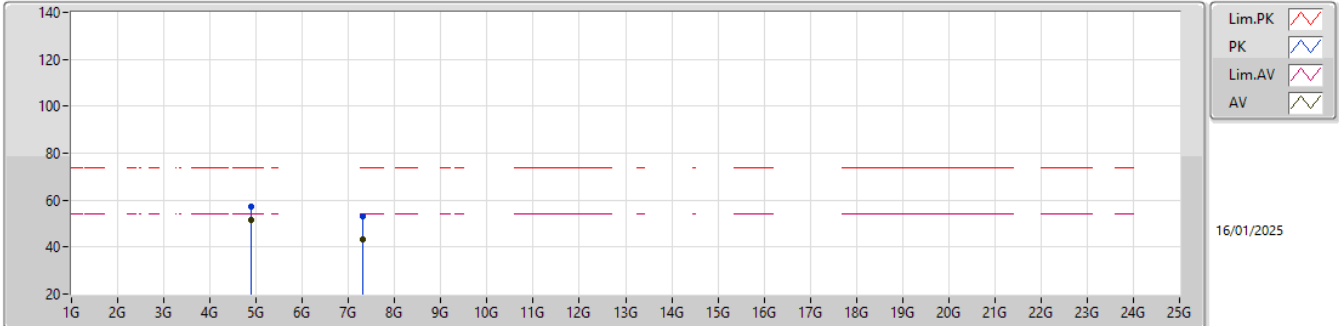


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.88094G	48.24	74.00	-25.76	39.17	3	Vertical	161	1.51	-	33.26	6.81	31.00			
AV	4.87898G	40.03	54.00	-13.97	30.96	3	Vertical	161	1.51	-	33.26	6.81	31.00			
PK	7.32348G	52.98	74.00	-21.02	38.55	3	Vertical	339	2.12	-	36.49	9.37	31.43			
AV	7.32314G	43.37	54.00	-10.63	28.94	3	Vertical	339	2.12	-	36.49	9.37	31.43			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

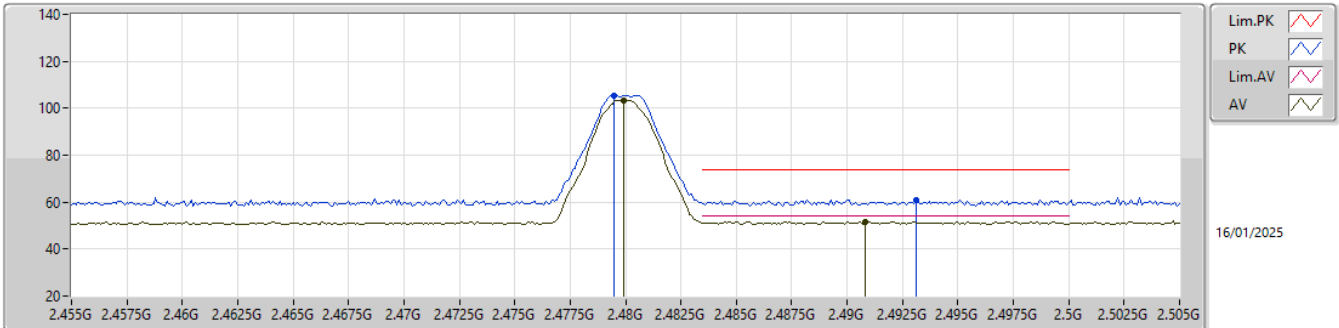


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.88096G	56.99	74.00	-17.01	47.92	3	Horizontal	60	1.38	-	33.26	6.81	31.00			
AV	4.87894G	51.37	54.00	-2.63	42.30	3	Horizontal	60	1.38	-	33.26	6.81	31.00			
PK	7.32014G	52.86	74.00	-21.14	38.44	3	Horizontal	258	1.80	-	36.48	9.37	31.43			
AV	7.3213G	43.48	54.00	-10.52	29.05	3	Horizontal	258	1.80	-	36.49	9.37	31.43			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

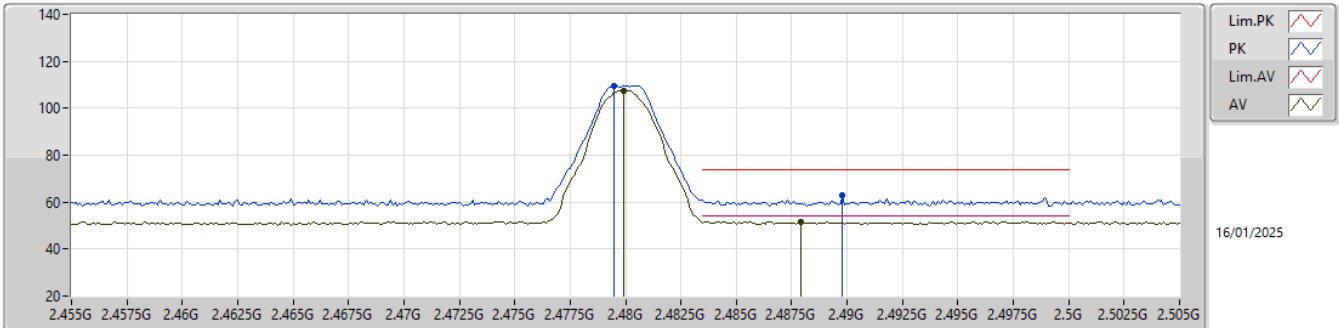


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4795G	105.56	Inf	-Inf	72.84	3	Vertical	1	2.84	-	28.59	4.13	-			
AV	2.4799G	103.38	Inf	-Inf	70.65	3	Vertical	1	2.84	-	28.60	4.13	-			
PK	2.4931G	60.88	74.00	-13.12	28.14	3	Vertical	1	2.84	-	28.60	4.14	-			
AV	2.4908G	51.60	54.00	-2.40	18.86	3	Vertical	1	2.84	-	28.60	4.14	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

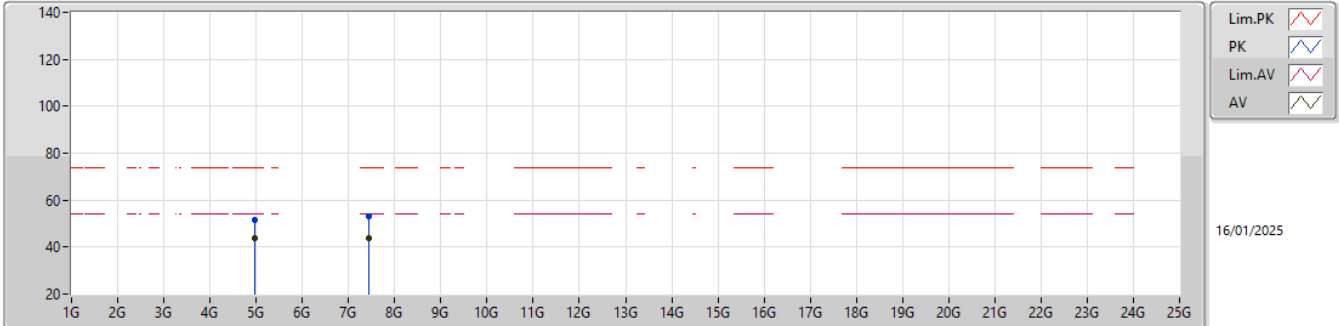


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4795G	109.65	Inf	-Inf	76.93	3	Horizontal	315	2.57	-	28.59	4.13	-			
AV	2.4799G	107.52	Inf	-Inf	74.79	3	Horizontal	315	2.57	-	28.60	4.13	-			
PK	2.4898G	62.79	74.00	-11.21	30.05	3	Horizontal	315	2.57	-	28.60	4.14	-			
AV	2.4879G	51.61	54.00	-2.39	18.87	3	Horizontal	315	2.57	-	28.60	4.14	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

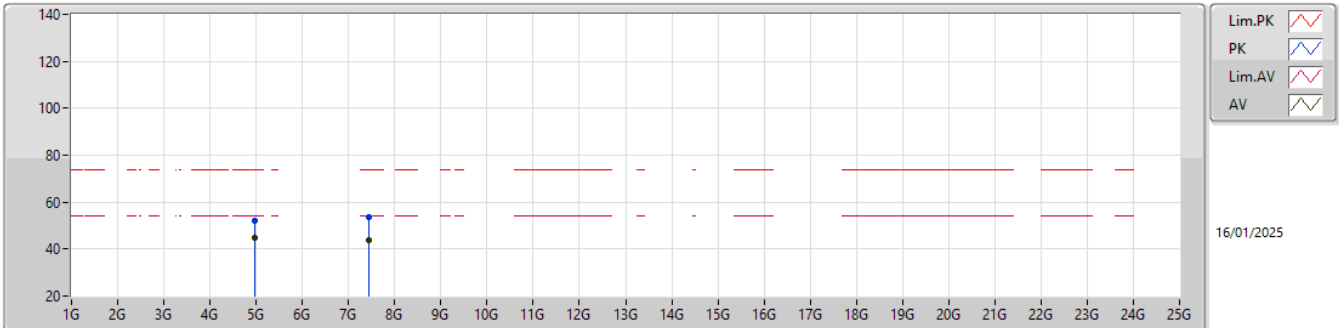


EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.95902G	51.53	74.00	-22.47	42.28	3	Vertical	353	1.34	-	33.40	6.86	31.01			
AV	4.95882G	43.95	54.00	-10.05	34.70	3	Vertical	353	1.34	-	33.40	6.86	31.01			
PK	7.43622G	53.09	74.00	-20.91	38.56	3	Vertical	75	1.50	-	36.60	9.36	31.43			
AV	7.43906G	43.98	54.00	-10.02	29.45	3	Vertical	75	1.50	-	36.60	9.36	31.43			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



EUT_Y_1TX
Setting 14
02-R-J-8
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.9599G	52.18	74.00	-21.82	42.93	3	Horizontal	356	2.23	-	33.40	6.86	31.01				
AV	4.95892G	44.62	54.00	-9.38	35.37	3	Horizontal	356	2.23	-	33.40	6.86	31.01				
PK	7.44288G	53.86	74.00	-20.14	39.34	3	Horizontal	202	1.30	-	36.60	9.35	31.43				
AV	7.43634G	43.92	54.00	-10.08	29.39	3	Horizontal	202	1.30	-	36.60	9.36	31.43				



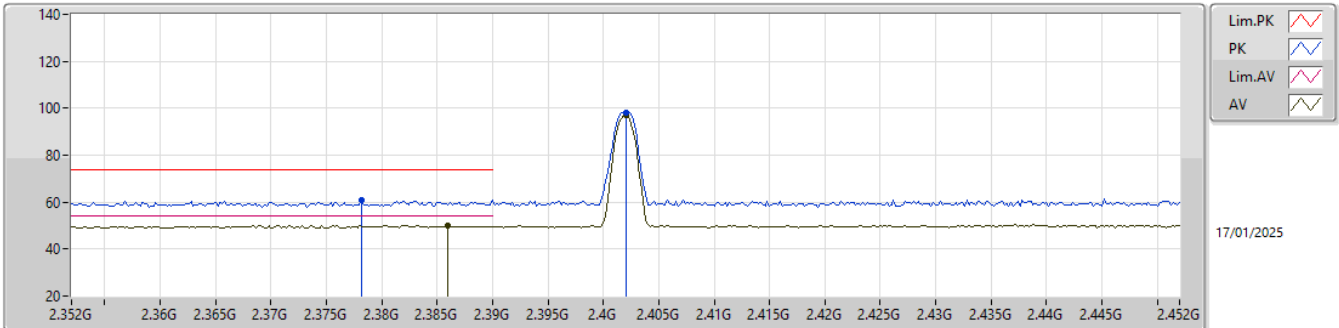
Test Mode: Mode 5

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-LE(2Mbps)	Pass	AV	2.4835G	52.05	54.00	-1.95	3	Horizontal	321	2.58	-

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

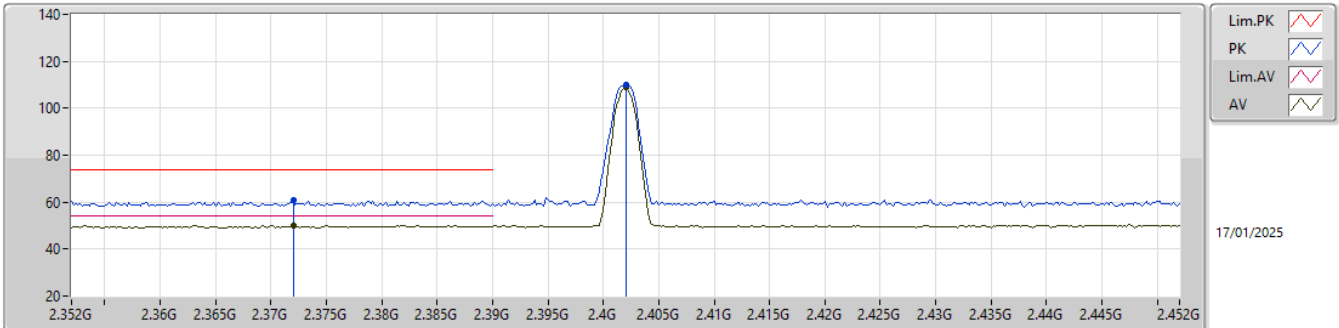


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3782G	61.02	74.00	-12.98	28.57	3	Vertical	194	1.74	-	28.40	4.05	-			
AV	2.386G	50.12	54.00	-3.88	17.60	3	Vertical	194	1.74	-	28.46	4.06	-			
PK	2.402G	98.18	Inf	-Inf	65.63	3	Vertical	194	1.74	-	28.48	4.07	-			
AV	2.402G	97.11	Inf	-Inf	64.56	3	Vertical	194	1.74	-	28.48	4.07	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

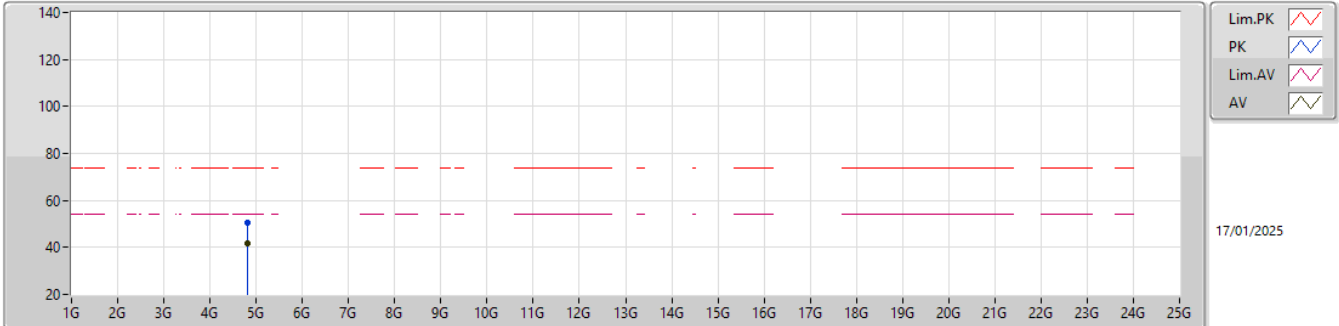


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.372G	60.64	74.00	-13.36	28.19	3	Horizontal	310	2.18	-	28.40	4.05	-				
AV	2.372G	50.01	54.00	-3.99	17.56	3	Horizontal	310	2.18	-	28.40	4.05	-				
PK	2.402G	109.80	Inf	-Inf	77.25	3	Horizontal	310	2.18	-	28.48	4.07	-				
AV	2.402G	108.72	Inf	-Inf	76.17	3	Horizontal	310	2.18	-	28.48	4.07	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

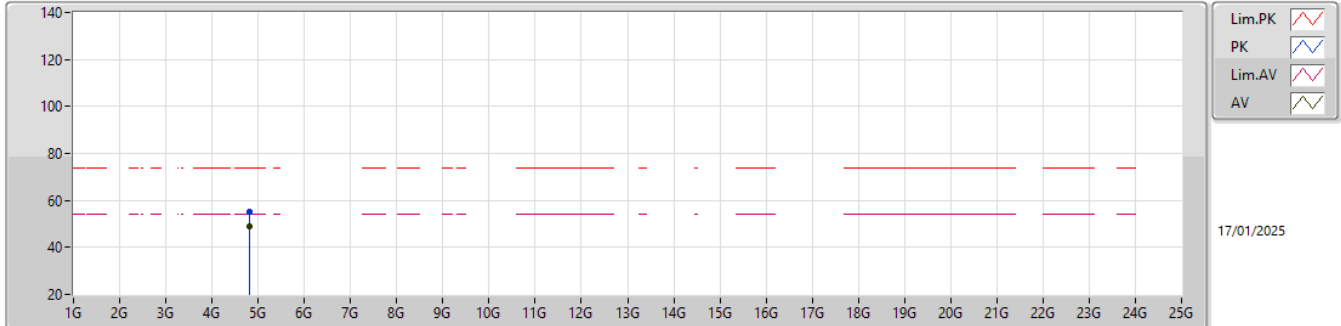


EUT_V_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80354G	50.69	74.00	-23.31	41.81	3	Vertical	30	3.00	-	33.11	6.77	31.00			
AV	4.8034G	41.82	54.00	-12.18	32.94	3	Vertical	30	3.00	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

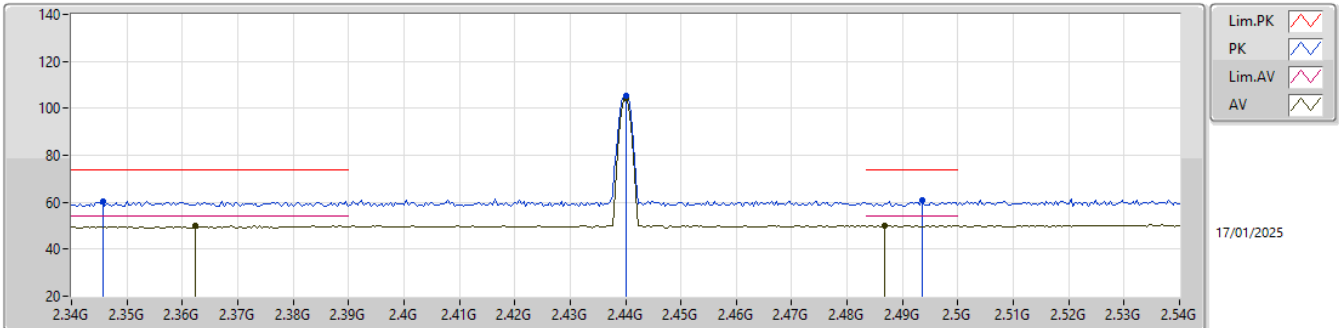


EUT_V_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80422G	55.16	74.00	-18.84	46.28	3	Horizontal	63	1.66	-	33.11	6.77	31.00			
AV	4.80376G	49.02	54.00	-4.98	40.14	3	Horizontal	63	1.66	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

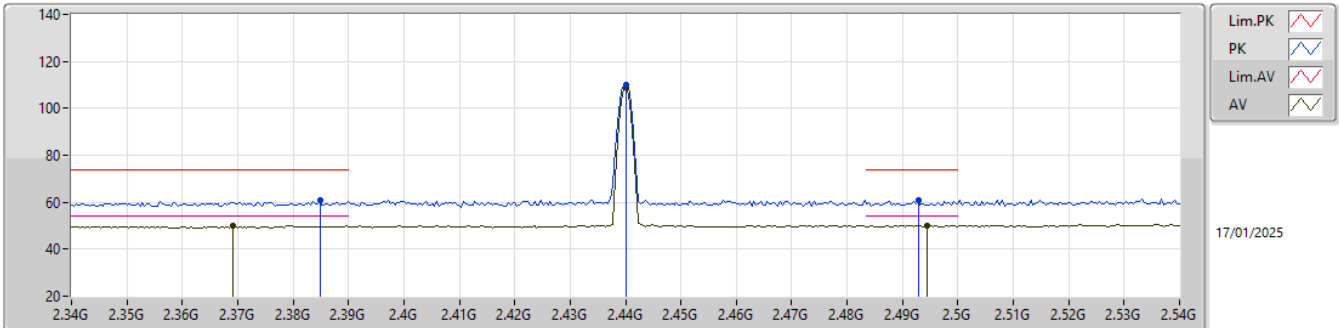


EUT Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3456G	60.52	74.00	-13.48	28.19	3	Vertical	5	2.92	-	28.30	4.03	-				
AV	2.3624G	49.98	54.00	-4.02	17.54	3	Vertical	5	2.92	-	28.40	4.04	-				
PK	2.44G	105.54	Inf	-Inf	72.94	3	Vertical	5	2.92	-	28.50	4.10	-				
AV	2.44G	104.53	Inf	-Inf	71.93	3	Vertical	5	2.92	-	28.50	4.10	-				
PK	2.4936G	60.67	74.00	-13.33	27.93	3	Vertical	5	2.92	-	28.60	4.14	-				
AV	2.4868G	49.91	54.00	-4.09	17.17	3	Vertical	5	2.92	-	28.60	4.14	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

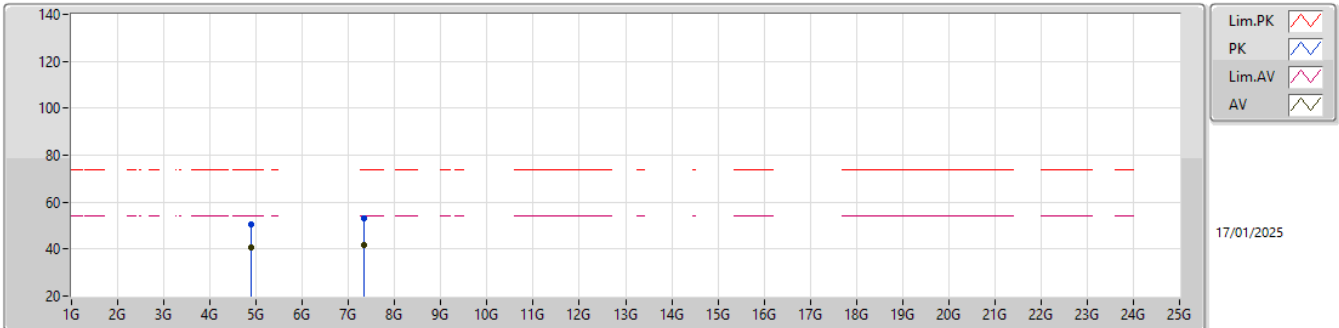


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3848G	61.10	74.00	-12.90	28.59	3	Horizontal	317	2.40	-	28.45	4.06	-			
AV	2.3692G	50.01	54.00	-3.99	17.56	3	Horizontal	317	2.40	-	28.40	4.05	-			
PK	2.44G	110.10	Inf	-Inf	77.50	3	Horizontal	317	2.40	-	28.50	4.10	-			
AV	2.44G	109.08	Inf	-Inf	76.48	3	Horizontal	317	2.40	-	28.50	4.10	-			
PK	2.4928G	60.75	74.00	-13.25	28.01	3	Horizontal	317	2.40	-	28.60	4.14	-			
AV	2.4944G	50.17	54.00	-3.83	17.43	3	Horizontal	317	2.40	-	28.60	4.14	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

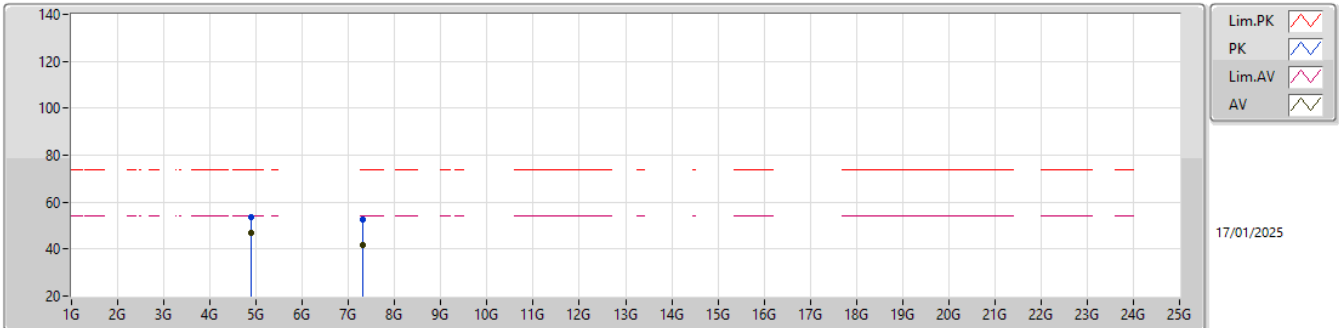


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87968G	50.44	74.00	-23.56	41.37	3	Vertical	10	2.14	-	33.26	6.81	31.00			
AV	4.8796G	40.77	54.00	-13.23	31.70	3	Vertical	10	2.14	-	33.26	6.81	31.00			
PK	7.32264G	52.94	74.00	-21.06	38.51	3	Vertical	186	1.13	-	36.49	9.37	31.43			
AV	7.32364G	41.62	54.00	-12.38	27.19	3	Vertical	186	1.13	-	36.49	9.37	31.43			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

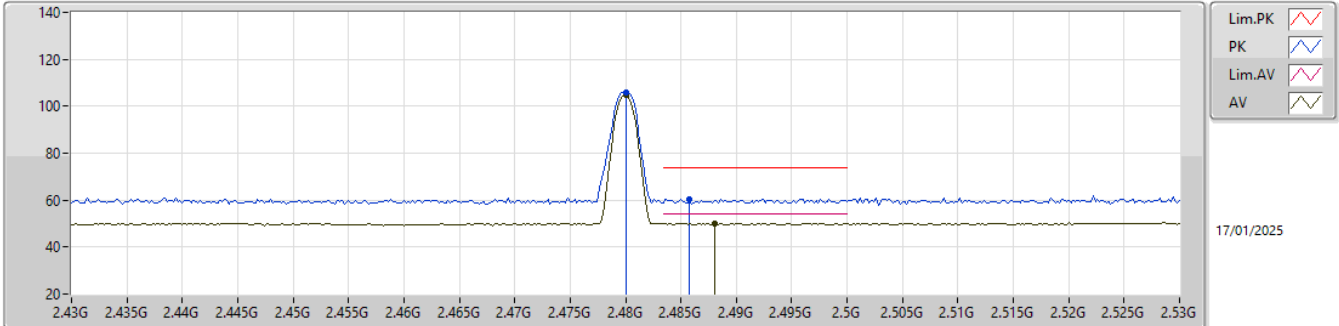


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.88028G	53.84	74.00	-20.16	44.77	3	Horizontal	58	1.74	-	33.26	6.81	31.00				
AV	4.8798G	47.13	54.00	-6.87	38.06	3	Horizontal	58	1.74	-	33.26	6.81	31.00				
PK	7.32074G	52.69	74.00	-21.31	38.27	3	Horizontal	334	1.19	-	36.48	9.37	31.43				
AV	7.31634G	41.63	54.00	-12.37	27.22	3	Horizontal	334	1.19	-	36.47	9.37	31.43				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

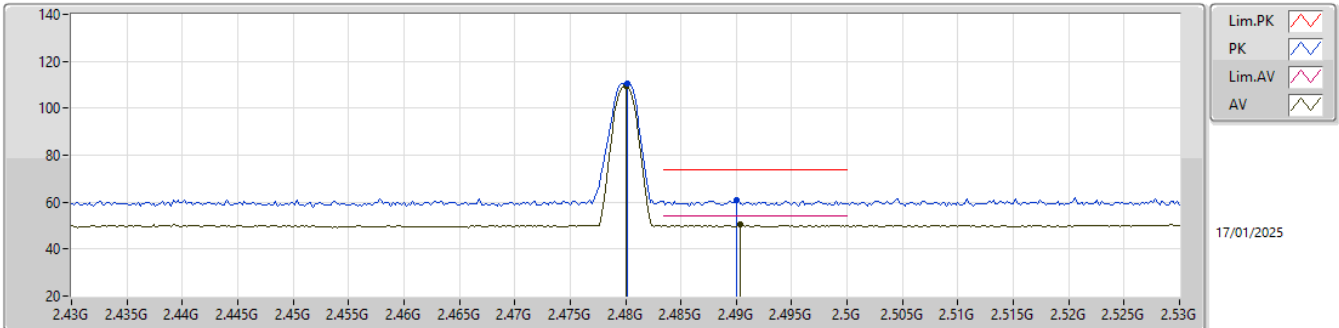


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.48G	105.85	Inf	-Inf	73.12	3	Vertical	0	2.84	-	28.60	4.13	-			
AV	2.48G	104.82	Inf	-Inf	72.09	3	Vertical	0	2.84	-	28.60	4.13	-			
PK	2.4858G	60.43	74.00	-13.57	27.70	3	Vertical	0	2.84	-	28.60	4.13	-			
AV	2.488G	50.17	54.00	-3.83	17.43	3	Vertical	0	2.84	-	28.60	4.14	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

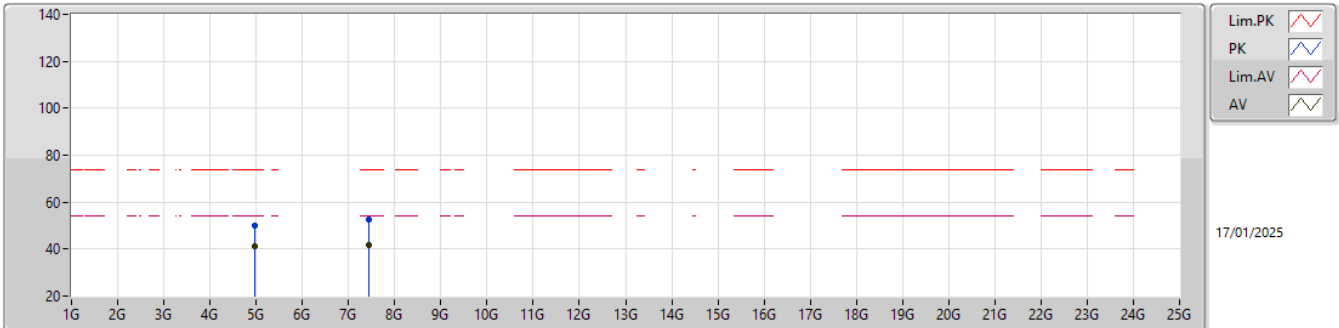


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4802G	110.70	Inf	-Inf	77.97	3	Horizontal	320	2.58	-	28.60	4.13	-			
AV	2.48G	109.68	Inf	-Inf	76.95	3	Horizontal	320	2.58	-	28.60	4.13	-			
PK	2.49G	61.05	74.00	-12.95	28.31	3	Horizontal	320	2.58	-	28.60	4.14	-			
AV	2.4904G	50.43	54.00	-3.57	17.69	3	Horizontal	320	2.58	-	28.60	4.14	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

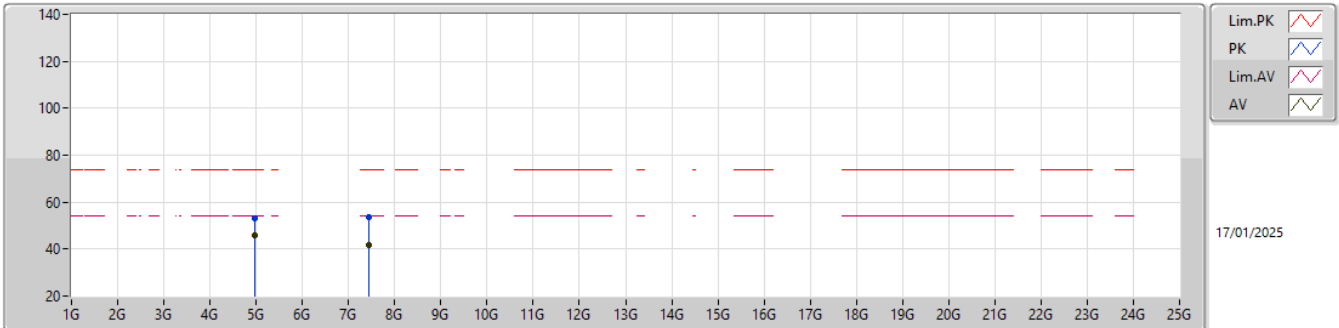


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.95954G	50.05	74.00	-23.95	40.80	3	Vertical	57	2.65	-	33.40	6.86	31.01				
AV	4.95958G	41.14	54.00	-12.86	31.89	3	Vertical	57	2.65	-	33.40	6.86	31.01				
PK	7.4422G	52.37	74.00	-21.63	37.84	3	Vertical	283	1.73	-	36.60	9.36	31.43				
AV	7.43838G	41.48	54.00	-12.52	26.95	3	Vertical	283	1.73	-	36.60	9.36	31.43				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

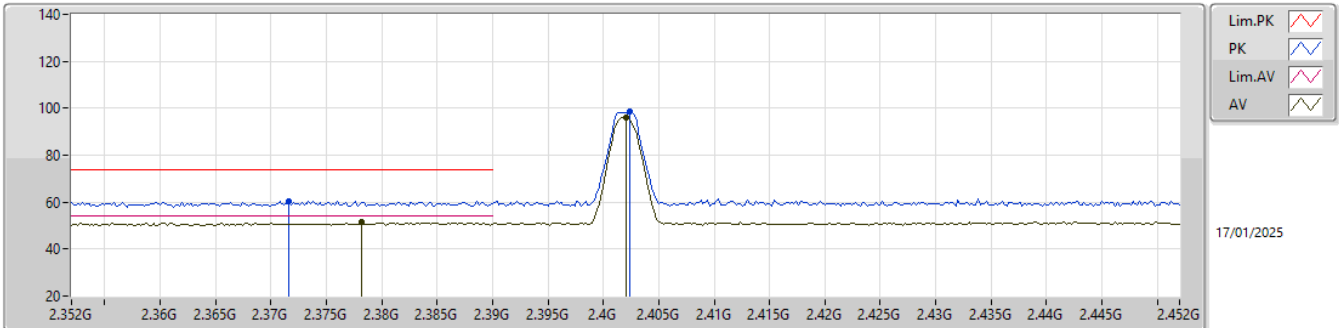


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.95946G	52.93	74.00	-21.07	43.68	3	Horizontal	67	1.62	-	33.40	6.86	31.01			
AV	4.9599G	45.63	54.00	-8.37	36.38	3	Horizontal	67	1.62	-	33.40	6.86	31.01			
PK	7.4428G	53.45	74.00	-20.55	38.92	3	Horizontal	18	2.39	-	36.60	9.36	31.43			
AV	7.43658G	41.84	54.00	-12.16	27.31	3	Horizontal	18	2.39	-	36.60	9.36	31.43			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

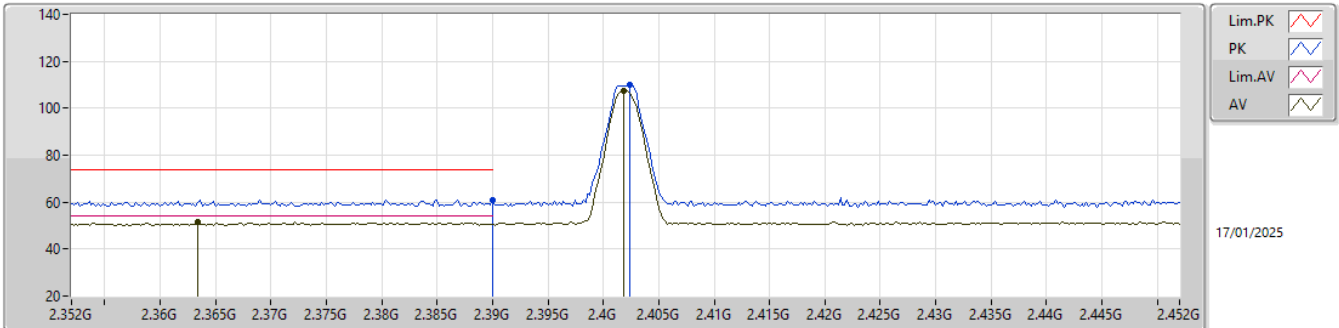


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3716G	60.56	74.00	-13.44	28.11	3	Vertical	192	1.74	-	28.40	4.05	-				
AV	2.3782G	51.44	54.00	-2.56	18.99	3	Vertical	192	1.74	-	28.40	4.05	-				
PK	2.4024G	98.37	Inf	-Inf	65.82	3	Vertical	192	1.74	-	28.48	4.07	-				
AV	2.402G	96.13	Inf	-Inf	63.58	3	Vertical	192	1.74	-	28.48	4.07	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

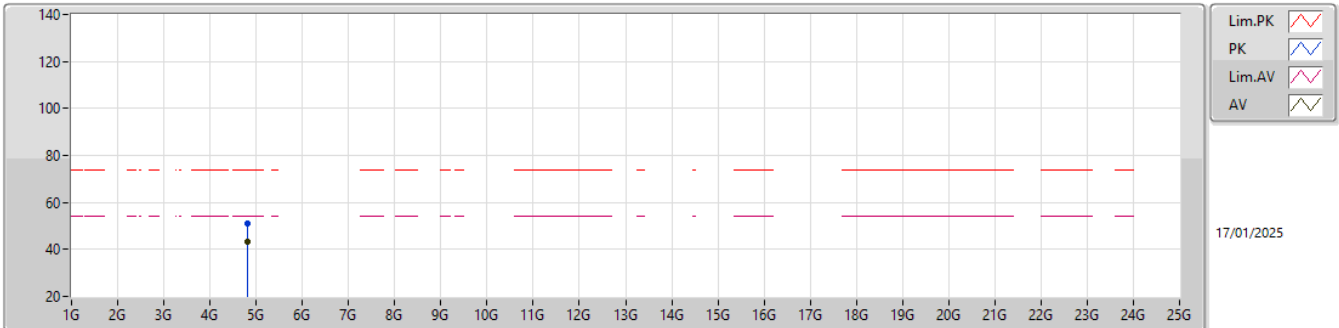


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	61.02	74.00	-12.98	28.46	3	Horizontal	311	2.20	-	28.50	4.06	-			
AV	2.3634G	51.61	54.00	-2.39	19.17	3	Horizontal	311	2.20	-	28.40	4.04	-			
PK	2.4024G	109.85	Inf	-Inf	77.30	3	Horizontal	311	2.20	-	28.48	4.07	-			
AV	2.4018G	107.56	Inf	-Inf	75.01	3	Horizontal	311	2.20	-	28.48	4.07	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

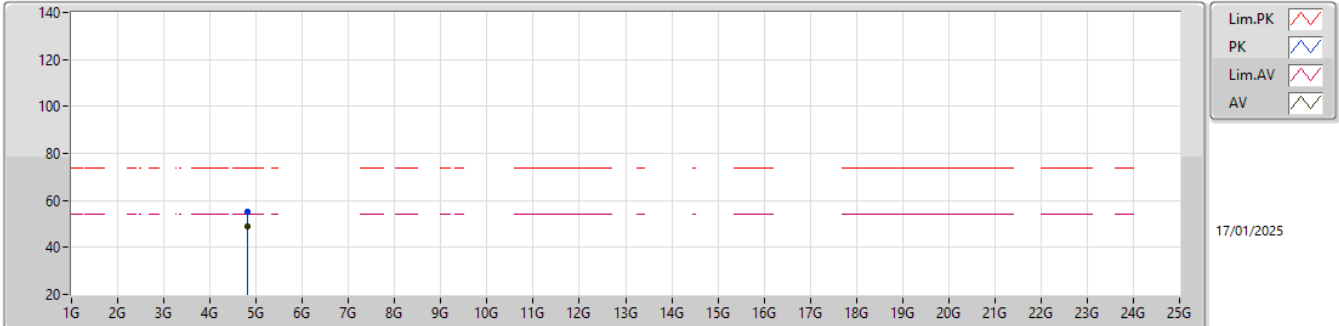


EUT_V_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80334G	51.29	74.00	-22.71	42.41	3	Vertical	4	2.49	-	33.11	6.77	31.00			
AV	4.803G	43.34	54.00	-10.66	34.46	3	Vertical	4	2.49	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

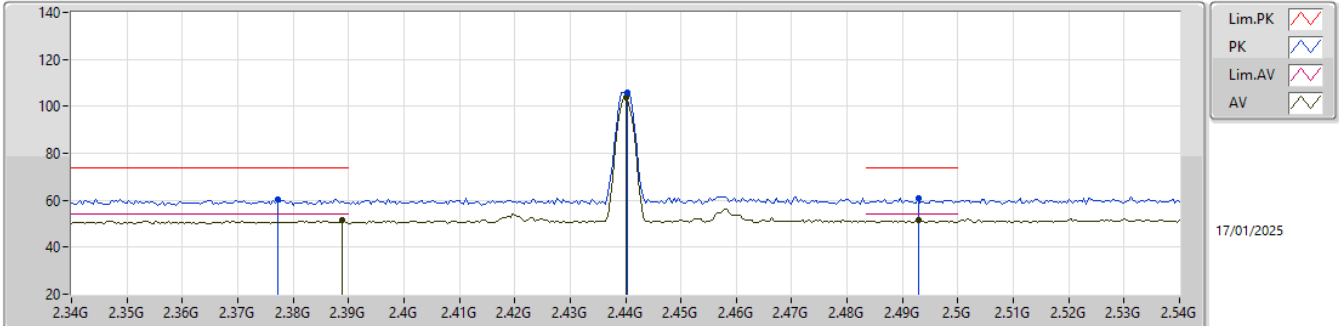


EUT_V_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80304G	55.13	74.00	-18.87	46.25	3	Horizontal	62	1.66	-	33.11	6.77	31.00			
AV	4.80302G	48.97	54.00	-5.03	40.09	3	Horizontal	62	1.66	-	33.11	6.77	31.00			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

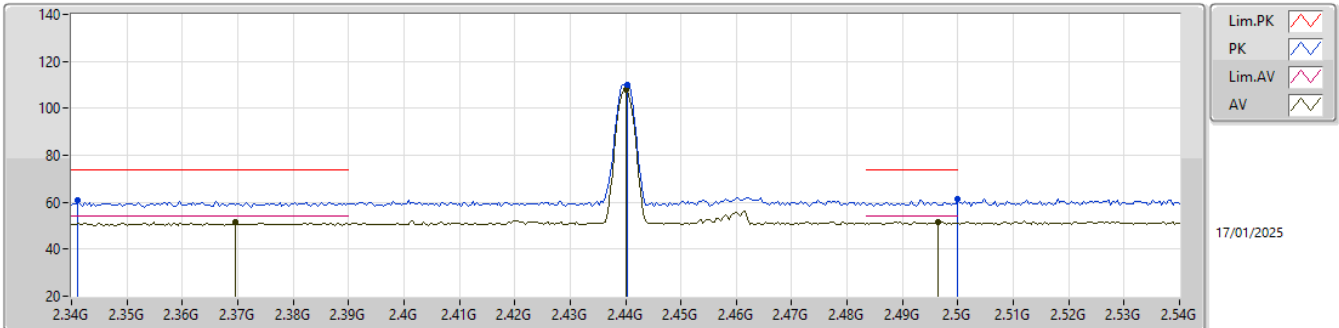


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3772G	60.42	74.00	-13.58	27.97	3	Vertical	0	2.92	-	28.40	4.05	-			
AV	2.3888G	51.35	54.00	-2.65	18.80	3	Vertical	0	2.92	-	28.49	4.06	-			
PK	2.4404G	105.89	Inf	-Inf	73.29	3	Vertical	0	2.92	-	28.50	4.10	-			
AV	2.44G	103.69	Inf	-Inf	71.09	3	Vertical	0	2.92	-	28.50	4.10	-			
PK	2.4928G	60.90	74.00	-13.10	28.16	3	Vertical	0	2.92	-	28.60	4.14	-			
AV	2.4928G	51.62	54.00	-2.38	18.88	3	Vertical	0	2.92	-	28.60	4.14	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

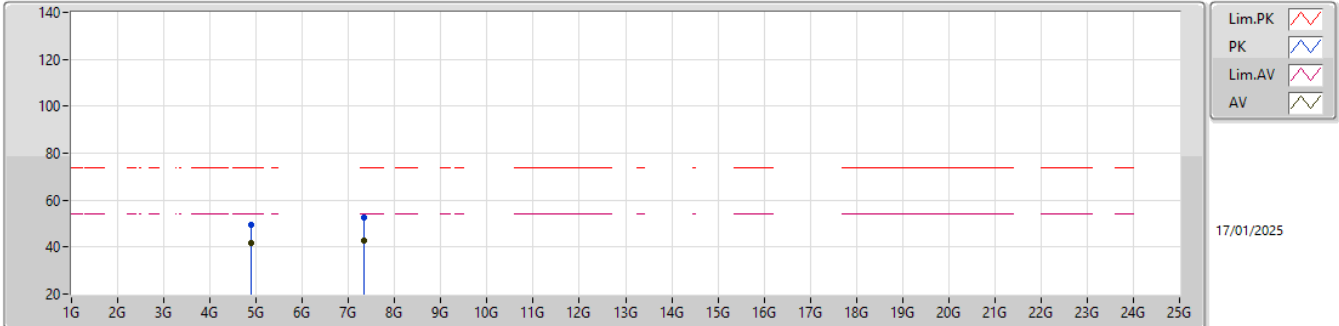


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3412G	60.73	74.00	-13.27	28.40	3	Horizontal	318	2.41	-	28.30	4.03	-				
AV	2.3696G	51.42	54.00	-2.58	18.97	3	Horizontal	318	2.41	-	28.40	4.05	-				
PK	2.4404G	109.85	Inf	-Inf	77.25	3	Horizontal	318	2.41	-	28.50	4.10	-				
AV	2.44G	107.70	Inf	-Inf	75.10	3	Horizontal	318	2.41	-	28.50	4.10	-				
PK	2.5G	61.20	74.00	-12.80	28.46	3	Horizontal	318	2.41	-	28.60	4.14	-				
AV	2.4964G	51.62	54.00	-2.38	18.88	3	Horizontal	318	2.41	-	28.60	4.14	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

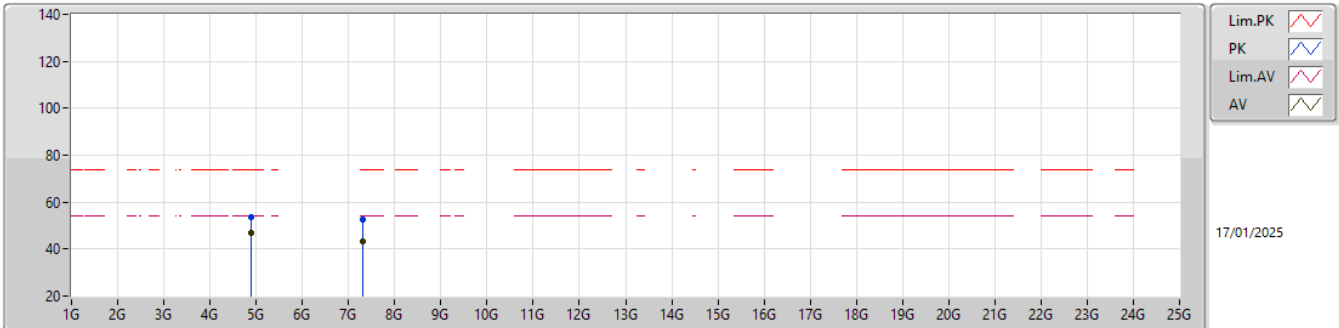


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.88138G	49.54	74.00	-24.46	40.47	3	Vertical	14	1.98	-	33.26	6.81	31.00				
AV	4.87894G	41.73	54.00	-12.27	32.66	3	Vertical	14	1.98	-	33.26	6.81	31.00				
PK	7.32438G	52.34	74.00	-21.66	37.90	3	Vertical	330	2.40	-	36.50	9.37	31.43				
AV	7.32408G	42.83	54.00	-11.17	28.39	3	Vertical	330	2.40	-	36.50	9.37	31.43				

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

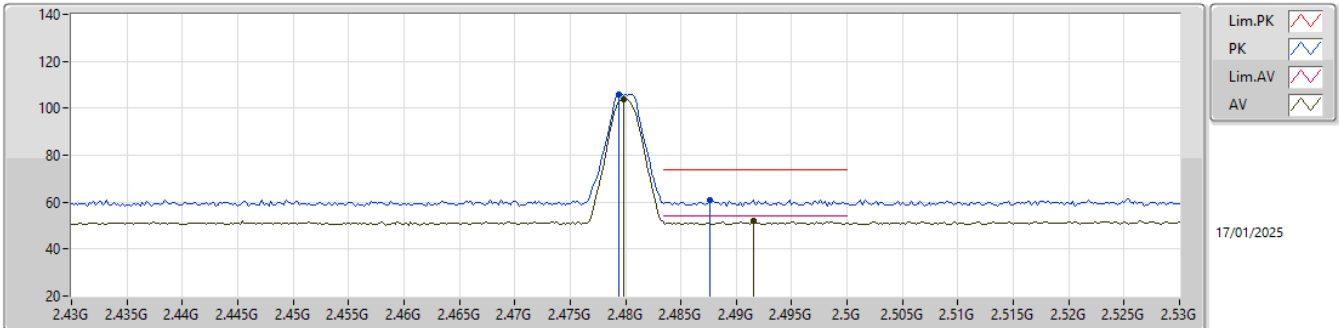


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.88094G	53.55	74.00	-20.45	44.48	3	Horizontal	59	1.74	-	33.26	6.81	31.00			
AV	4.87884G	47.04	54.00	-6.96	37.97	3	Horizontal	59	1.74	-	33.26	6.81	31.00			
PK	7.3169G	52.60	74.00	-21.40	38.19	3	Horizontal	276	1.79	-	36.47	9.37	31.43			
AV	7.31622G	43.33	54.00	-10.67	28.93	3	Horizontal	276	1.79	-	36.46	9.37	31.43			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

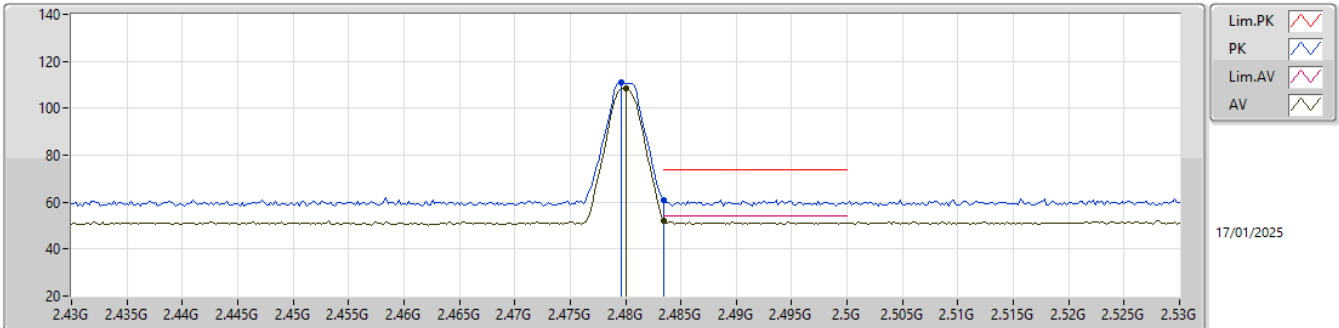


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4794G	105.98	Inf	-Inf	73.26	3	Vertical	0	2.84	-	28.59	4.13	-			
AV	2.4798G	103.79	Inf	-Inf	71.06	3	Vertical	0	2.84	-	28.60	4.13	-			
PK	2.4876G	60.98	74.00	-13.02	28.24	3	Vertical	0	2.84	-	28.60	4.14	-			
AV	2.4916G	51.84	54.00	-2.16	19.10	3	Vertical	0	2.84	-	28.60	4.14	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

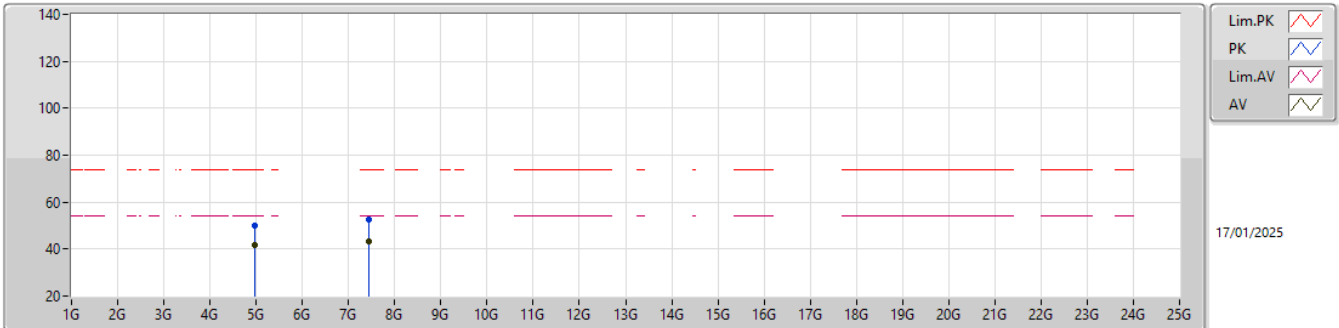


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.4796G	110.79	Inf	-Inf	78.06	3	Horizontal	321	2.58	-	28.60	4.13	-				
AV	2.48G	108.64	Inf	-Inf	75.91	3	Horizontal	321	2.58	-	28.60	4.13	-				
PK	2.4835G	61.12	74.00	-12.88	28.39	3	Horizontal	321	2.58	-	28.60	4.13	-				
AV	2.4835G	52.05	54.00	-1.95	19.32	3	Horizontal	321	2.58	-	28.60	4.13	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

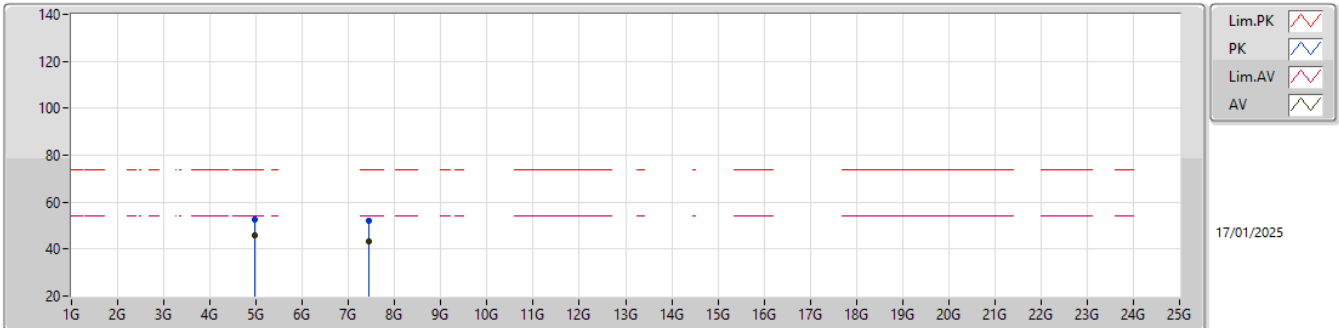


EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.95896G	50.00	74.00	-24.00	40.75	3	Vertical	62	2.39	-	33.40	6.86	31.01				
AV	4.95898G	41.57	54.00	-12.43	32.32	3	Vertical	62	2.39	-	33.40	6.86	31.01				
PK	7.4432G	52.59	74.00	-21.41	38.07	3	Vertical	259	1.30	-	36.60	9.35	31.43				
AV	7.43948G	43.07	54.00	-10.93	28.54	3	Vertical	259	1.30	-	36.60	9.36	31.43				

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



EUT_Y_1TX
Setting 14
02-R-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.96104G	52.52	74.00	-21.48	43.27	3	Horizontal	68	1.62	-	33.40	6.86	31.01			
AV	4.959G	45.63	54.00	-8.37	36.38	3	Horizontal	68	1.62	-	33.40	6.86	31.01			
PK	7.44012G	52.24	74.00	-21.76	37.71	3	Horizontal	100	1.34	-	36.60	9.36	31.43			
AV	7.43524G	43.25	54.00	-10.75	28.72	3	Horizontal	100	1.34	-	36.60	9.36	31.43			



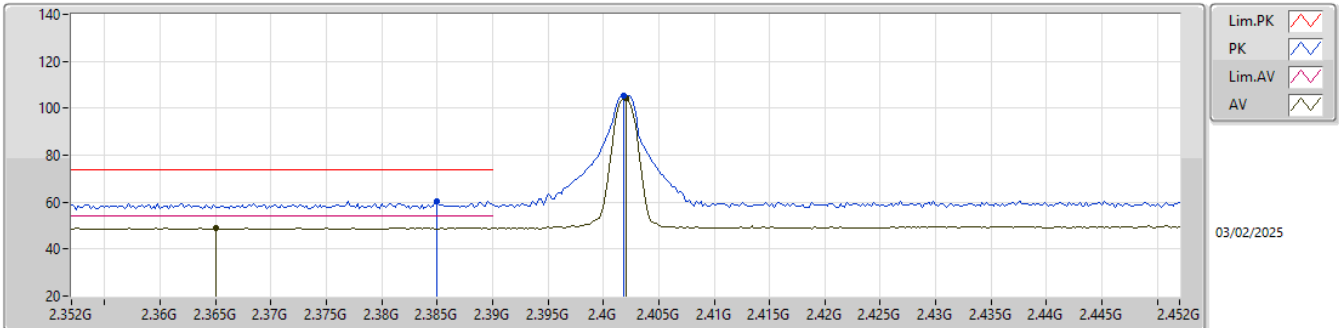
Test Mode: Mode 6

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	AV	2.4835G	52.31	54.00	-1.69	3	Horizontal	313	2.23	-

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

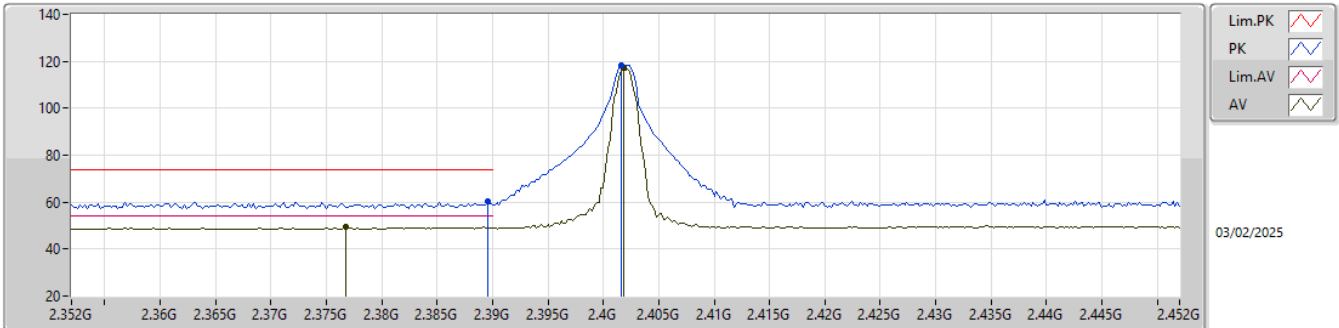


EUT_Y_1TX
Setting 22
03-P-G-5
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.385G	60.49	74.00	-13.51	28.34	3	Vertical	163	1.90	-	27.35	4.80	-				
AV	2.365G	49.15	54.00	-4.85	17.08	3	Vertical	163	1.90	-	27.30	4.77	-				
PK	2.4018G	105.42	Inf	-Inf	73.10	3	Vertical	163	1.90	-	27.50	4.82	-				
AV	2.402G	104.48	Inf	-Inf	72.16	3	Vertical	163	1.90	-	27.50	4.82	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

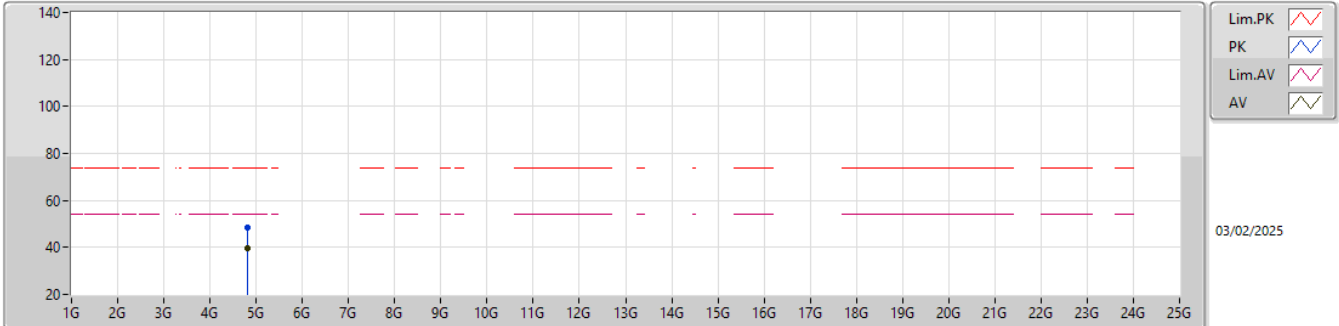


EUT_Y_1TX
Setting 22
03-P-G-5
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3896G	60.27	74.00	-13.73	28.06	3	Horizontal	313	2.35	-	27.40	4.81	-				
AV	2.3768G	49.50	54.00	-4.50	17.41	3	Horizontal	313	2.35	-	27.30	4.79	-				
PK	2.4016G	118.22	Inf	-Inf	85.90	3	Horizontal	313	2.35	-	27.50	4.82	-				
AV	2.4018G	116.99	Inf	-Inf	84.67	3	Horizontal	313	2.35	-	27.50	4.82	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

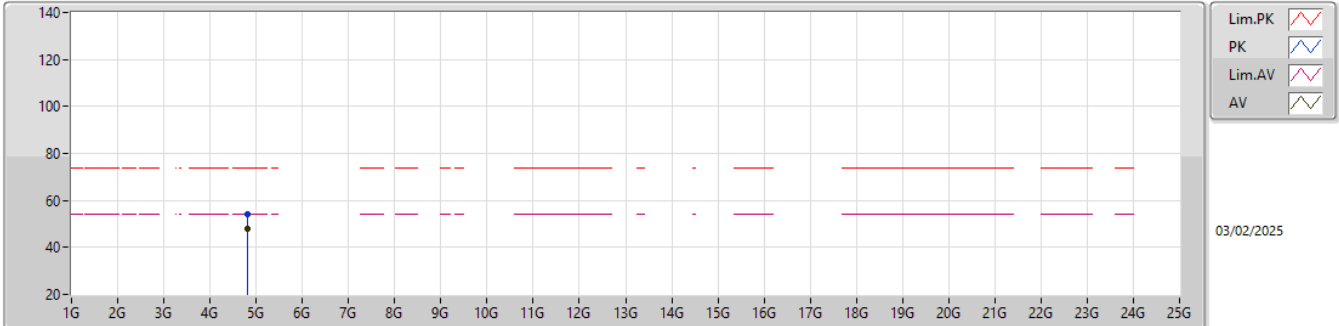


EUT_Y_1TX
Setting 14
03-P-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.804G	48.26	74.00	-25.74	43.96	3	Vertical	22	3.00	-	32.42	7.21	35.33			
AV	4.80396G	39.56	54.00	-14.44	35.26	3	Vertical	22	3.00	-	32.42	7.21	35.33			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

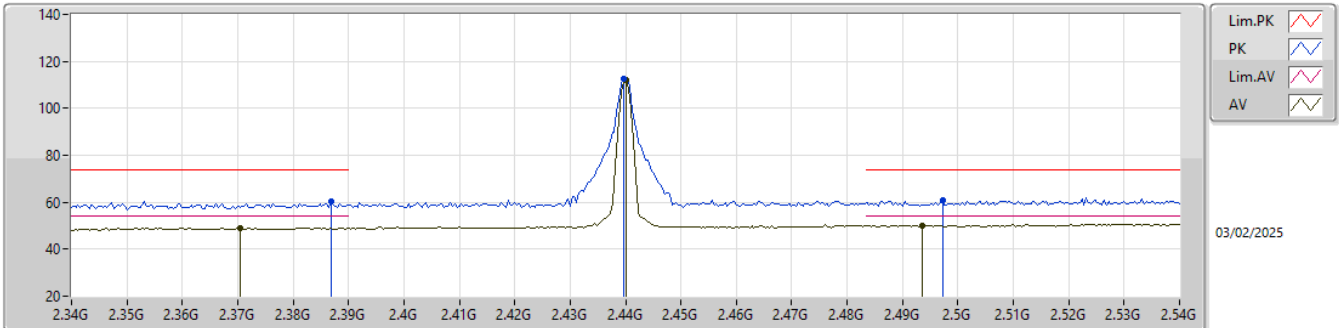


EUT_V_1TX
Setting 14
03-P-G-5
Bypass Mode

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.8044G	54.15	74.00	-19.85	49.85	3	Horizontal	62	1.80	-	32.42	7.21	35.33			
AV	4.80384G	48.11	54.00	-5.89	43.81	3	Horizontal	62	1.80	-	32.42	7.21	35.33			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

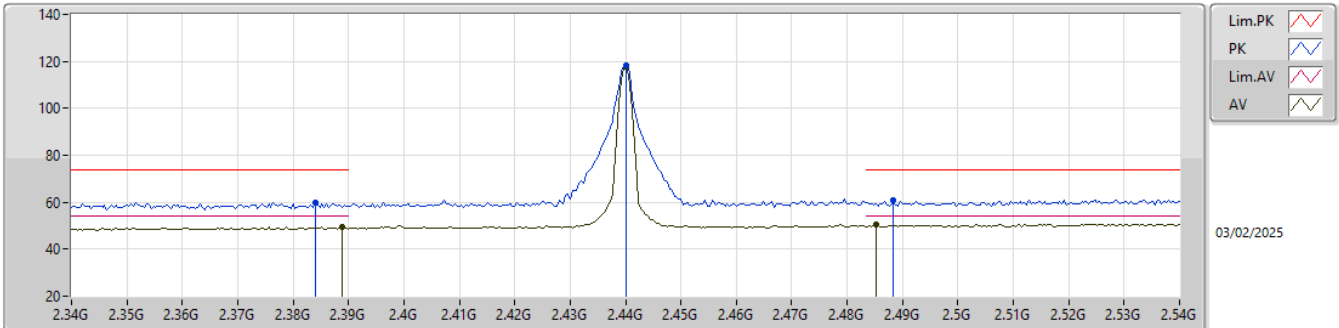


EUT_Y_1TX
Setting 22
03-P-G-5
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3868G	60.14	74.00	-13.86	27.97	3	Vertical	2	2.89	-	27.37	4.80	-				
AV	2.3704G	49.19	54.00	-4.81	17.11	3	Vertical	2	2.89	-	27.30	4.78	-				
PK	2.4396G	112.82	Inf	-Inf	80.26	3	Vertical	2	2.89	-	27.70	4.86	-				
AV	2.44G	111.97	Inf	-Inf	79.41	3	Vertical	2	2.89	-	27.70	4.86	-				
PK	2.4972G	60.62	74.00	-13.38	27.79	3	Vertical	2	2.89	-	27.90	4.93	-				
AV	2.4936G	50.13	54.00	-3.87	17.31	3	Vertical	2	2.89	-	27.90	4.92	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

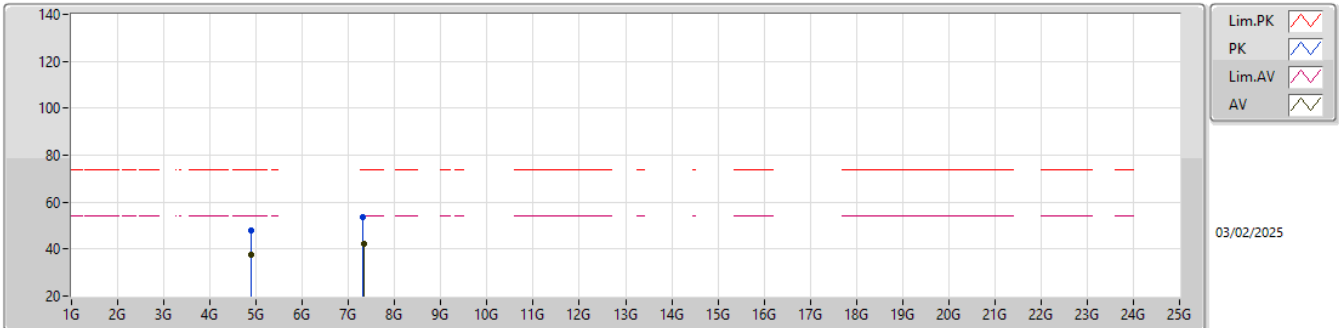


EUT_Y_1TX
Setting 22
03-P-G-5
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.384G	59.77	74.00	-14.23	27.63	3	Horizontal	316	2.28	-	27.34	4.80	-				
AV	2.388G	49.40	54.00	-4.60	17.21	3	Horizontal	316	2.28	-	27.39	4.80	-				
PK	2.44G	118.42	Inf	-Inf	85.86	3	Horizontal	316	2.28	-	27.70	4.86	-				
AV	2.44G	117.57	Inf	-Inf	85.01	3	Horizontal	316	2.28	-	27.70	4.86	-				
PK	2.4884G	60.84	74.00	-13.16	28.02	3	Horizontal	316	2.28	-	27.90	4.92	-				
AV	2.4852G	50.37	54.00	-3.63	17.56	3	Horizontal	316	2.28	-	27.90	4.91	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

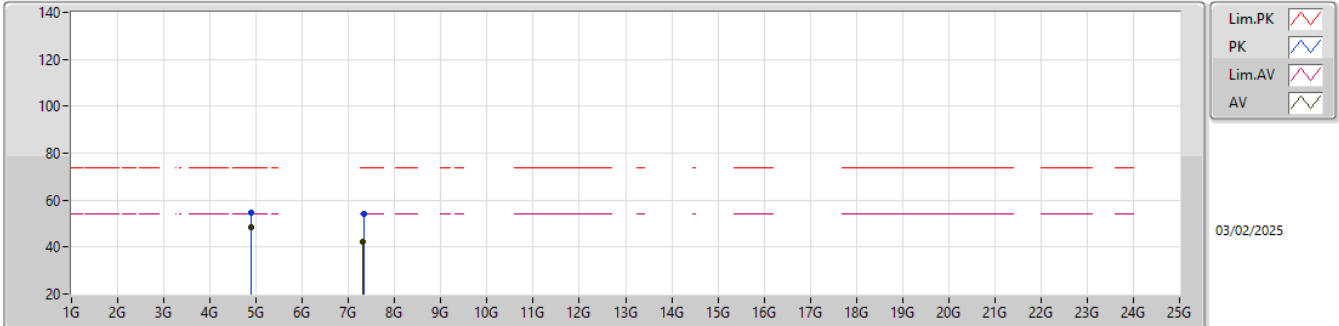


EUT_Y_1TX
Setting 14
03-P-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.88072G	47.82	74.00	-26.18	43.25	3	Vertical	31	2.03	-	32.72	7.18	35.33			
AV	4.88024G	37.35	54.00	-16.65	32.78	3	Vertical	31	2.03	-	32.72	7.18	35.33			
PK	7.3132G	53.47	74.00	-20.53	43.10	3	Vertical	211	2.89	-	36.92	8.61	35.16			
AV	7.32832G	42.20	54.00	-11.80	31.91	3	Vertical	211	2.89	-	36.83	8.62	35.16			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

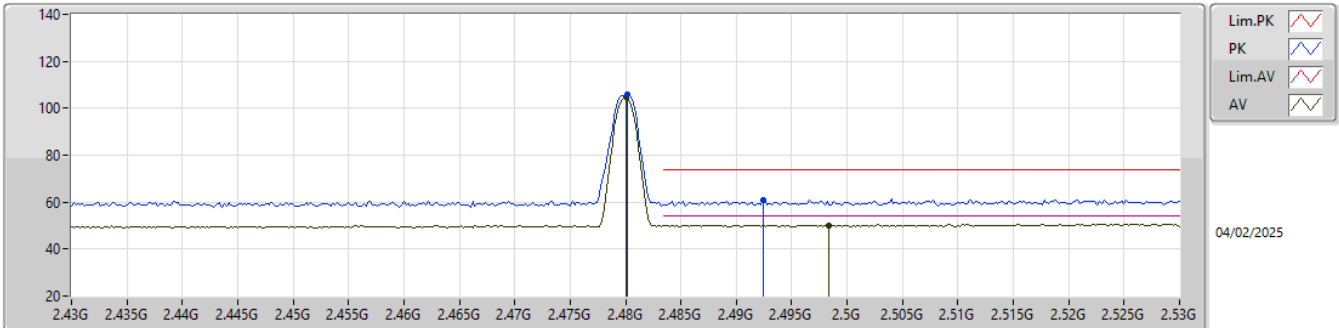


EUT_Y_1TX
Setting 14
03-P-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.88036G	54.46	74.00	-19.54	49.89	3	Horizontal	57	1.76	-	32.72	7.18	35.33			
AV	4.87996G	48.45	54.00	-5.55	43.88	3	Horizontal	57	1.76	-	32.72	7.18	35.33			
PK	7.32308G	54.39	74.00	-19.61	44.07	3	Horizontal	123	1.90	-	36.86	8.62	35.16			
AV	7.31444G	42.26	54.00	-11.74	31.90	3	Horizontal	123	1.90	-	36.91	8.61	35.16			

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

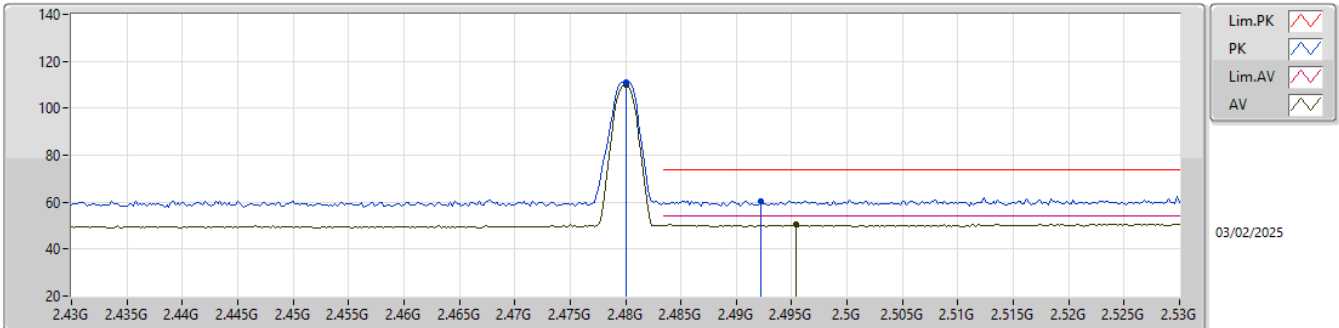


EUT_Y_1TX
Setting 14
03-P-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.4802G	105.65	Inf	-Inf	72.84	3	Vertical	0	3.00	-	27.90	4.91	-				
AV	2.48G	104.65	Inf	-Inf	71.84	3	Vertical	0	3.00	-	27.90	4.91	-				
PK	2.4924G	60.85	74.00	-13.15	28.03	3	Vertical	0	3.00	-	27.90	4.92	-				
AV	2.4984G	50.15	54.00	-3.85	17.32	3	Vertical	0	3.00	-	27.90	4.93	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

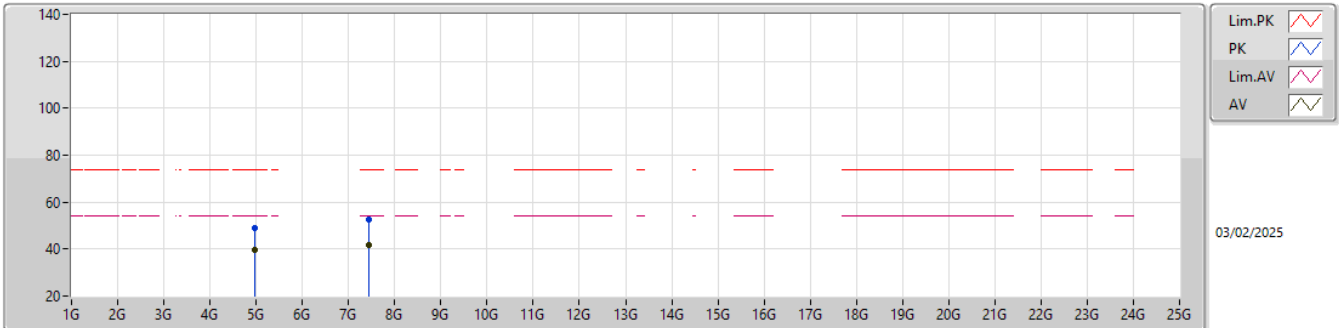


EUT_Y_1TX
Setting 14
03-P-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.48G	111.22	Inf	-Inf	78.41	3	Horizontal	312	2.22	-	27.90	4.91	-				
AV	2.48G	110.24	Inf	-Inf	77.43	3	Horizontal	312	2.22	-	27.90	4.91	-				
PK	2.4922G	60.60	74.00	-13.40	27.78	3	Horizontal	312	2.22	-	27.90	4.92	-				
AV	2.4954G	50.41	54.00	-3.59	17.59	3	Horizontal	312	2.22	-	27.90	4.92	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

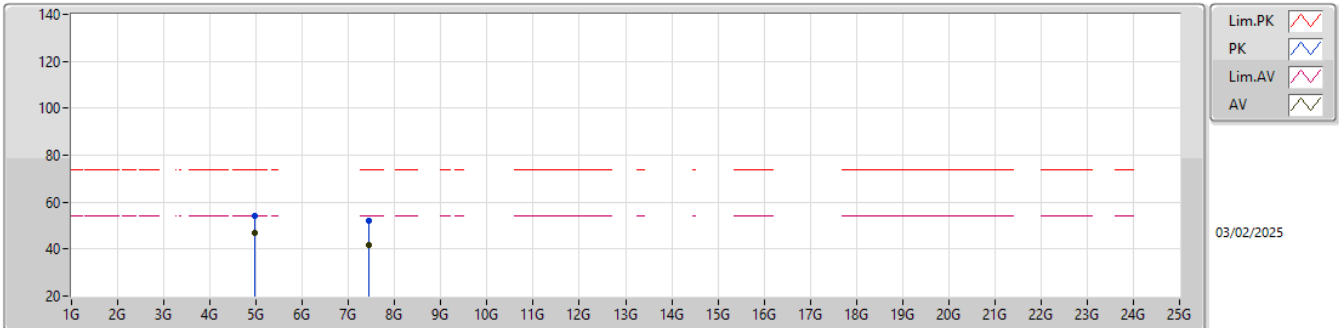


EUT_Y_1TX
Setting 14
03-P-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.96012G	49.04	74.00	-24.96	44.10	3	Vertical	351	1.76	-	33.12	7.15	35.33			
AV	4.95964G	39.47	54.00	-14.53	34.53	3	Vertical	351	1.76	-	33.12	7.15	35.33			
PK	7.44008G	52.62	74.00	-21.38	42.65	3	Vertical	25	2.74	-	36.42	8.72	35.17			
AV	7.43964G	41.84	54.00	-12.16	31.87	3	Vertical	25	2.74	-	36.42	8.72	35.17			

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

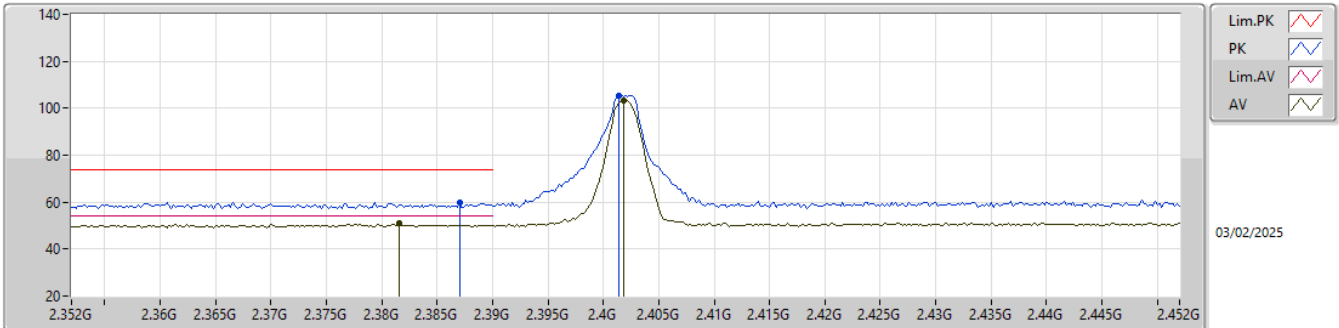


EUT_Y_1TX
Setting 14
03-P-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.95968G	53.90	74.00	-20.10	48.96	3	Horizontal	52	1.94	-	33.12	7.15	35.33				
AV	4.9598G	46.81	54.00	-7.19	41.87	3	Horizontal	52	1.94	-	33.12	7.15	35.33				
PK	7.43728G	52.09	74.00	-21.91	42.10	3	Horizontal	27	1.77	-	36.43	8.72	35.16				
AV	7.43844G	41.48	54.00	-12.52	31.51	3	Horizontal	27	1.77	-	36.42	8.72	35.17				

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

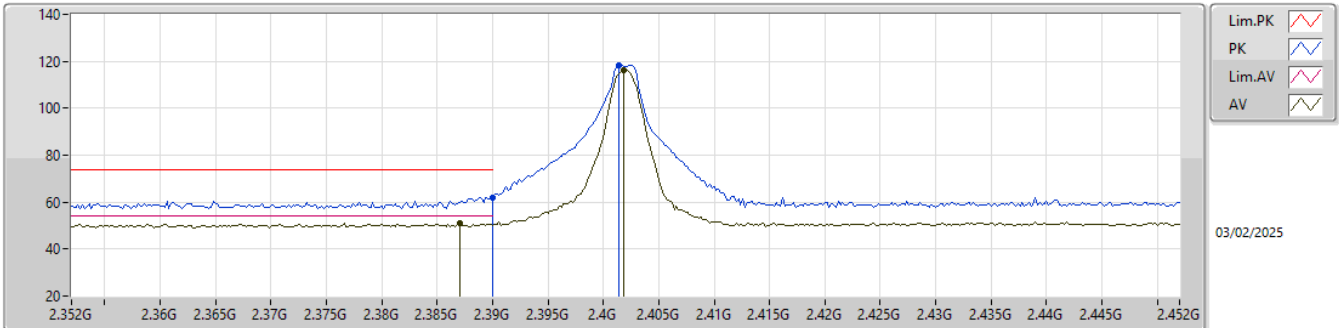


EUT_Y_1TX
Setting 22
03-P-G-5
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.387G	59.98	74.00	-14.02	27.81	3	Vertical	164	1.90	-	27.37	4.80	-			
AV	2.3816G	50.78	54.00	-3.22	18.66	3	Vertical	164	1.90	-	27.32	4.80	-			
PK	2.4014G	105.50	Inf	-Inf	73.18	3	Vertical	164	1.90	-	27.50	4.82	-			
AV	2.4018G	103.33	Inf	-Inf	71.01	3	Vertical	164	1.90	-	27.50	4.82	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

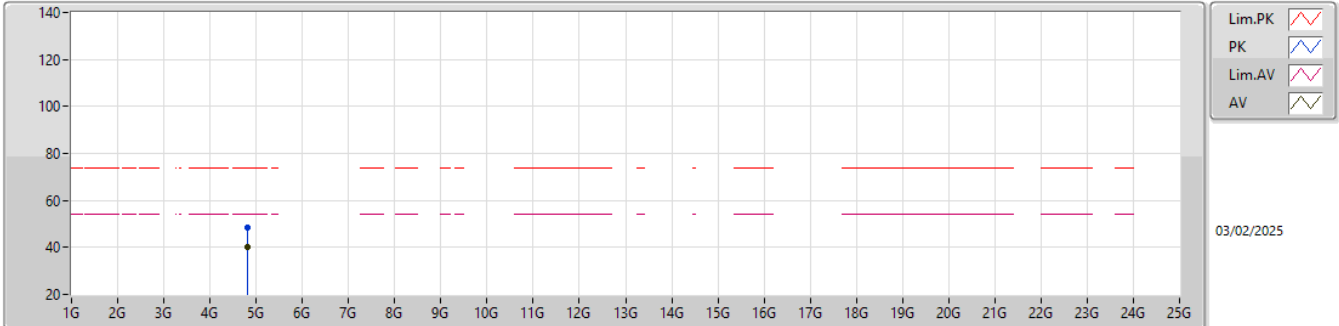


EUT_Y_1TX
Setting 22
03-P-G-5
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.39G	62.09	74.00	-11.91	29.88	3	Horizontal	313	2.36	-	27.40	4.81	-				
AV	2.387G	51.09	54.00	-2.91	18.92	3	Horizontal	313	2.36	-	27.37	4.80	-				
PK	2.4014G	118.28	Inf	-Inf	85.96	3	Horizontal	313	2.36	-	27.50	4.82	-				
AV	2.4018G	116.11	Inf	-Inf	83.79	3	Horizontal	313	2.36	-	27.50	4.82	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

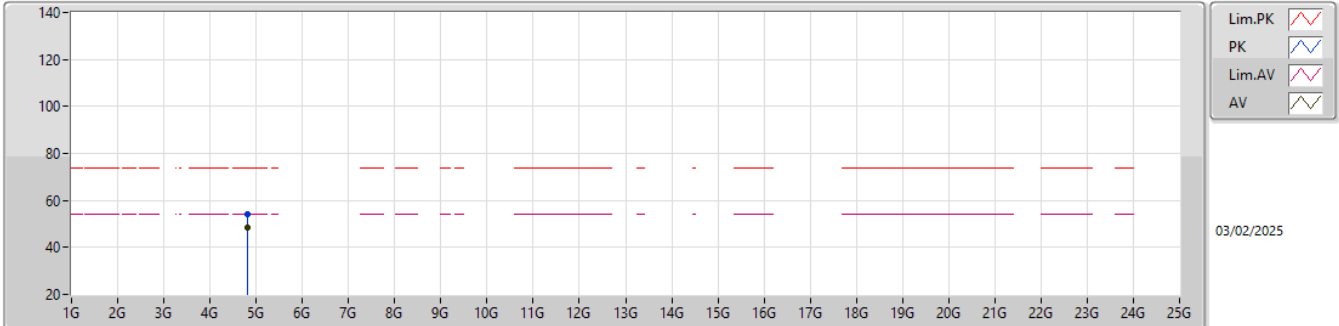


EUT_V_1TX
Setting 14
03-P-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80488G	48.23	74.00	-25.77	43.93	3	Vertical	23	3.00	-	32.42	7.21	35.33			
AV	4.80284G	40.13	54.00	-13.87	35.84	3	Vertical	23	3.00	-	32.41	7.21	35.33			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

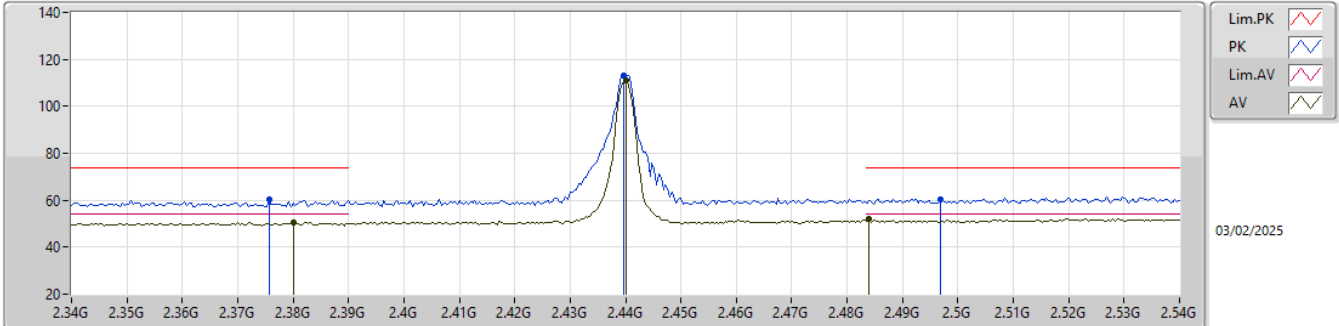


EUT_V_1TX
Setting 14
03-P-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80308G	54.15	74.00	-19.85	49.86	3	Horizontal	64	1.80	-	32.41	7.21	35.33			
AV	4.80296G	48.38	54.00	-5.62	44.09	3	Horizontal	64	1.80	-	32.41	7.21	35.33			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

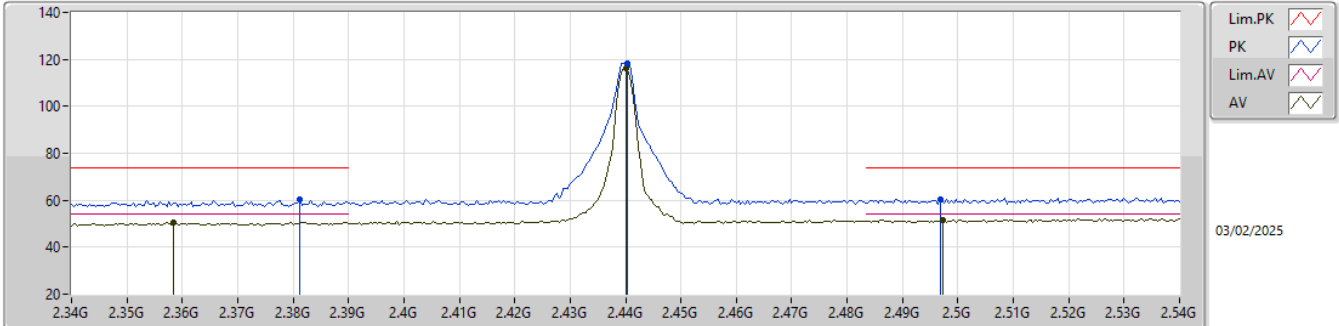


EUT_Y_1TX
Setting 22
03-P-G-5
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3756G	60.60	74.00	-13.40	28.51	3	Vertical	2	2.88	-	27.30	4.79	-				
AV	2.38G	50.51	54.00	-3.49	18.42	3	Vertical	2	2.88	-	27.30	4.79	-				
PK	2.4396G	113.04	Inf	-Inf	80.48	3	Vertical	2	2.88	-	27.70	4.86	-				
AV	2.44G	110.96	Inf	-Inf	78.40	3	Vertical	2	2.88	-	27.70	4.86	-				
PK	2.4968G	60.45	74.00	-13.55	27.62	3	Vertical	2	2.88	-	27.90	4.93	-				
AV	2.484G	51.86	54.00	-2.14	19.05	3	Vertical	2	2.88	-	27.90	4.91	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

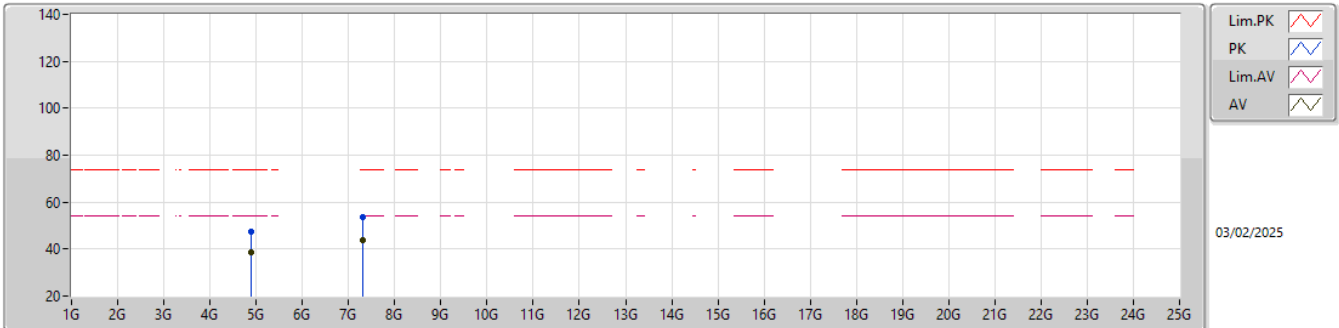


EUT_Y_1TX
Setting 22
03-P-G-5
PA Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3812G	60.11	74.00	-13.89	28.01	3	Horizontal	318	2.27	-	27.31	4.79	-				
AV	2.3584G	50.60	54.00	-3.40	18.54	3	Horizontal	318	2.27	-	27.30	4.76	-				
PK	2.4404G	118.47	Inf	-Inf	85.91	3	Horizontal	318	2.27	-	27.70	4.86	-				
AV	2.44G	116.37	Inf	-Inf	83.81	3	Horizontal	318	2.27	-	27.70	4.86	-				
PK	2.4968G	60.37	74.00	-13.63	27.54	3	Horizontal	318	2.27	-	27.90	4.93	-				
AV	2.4972G	51.68	54.00	-2.32	18.85	3	Horizontal	318	2.27	-	27.90	4.93	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

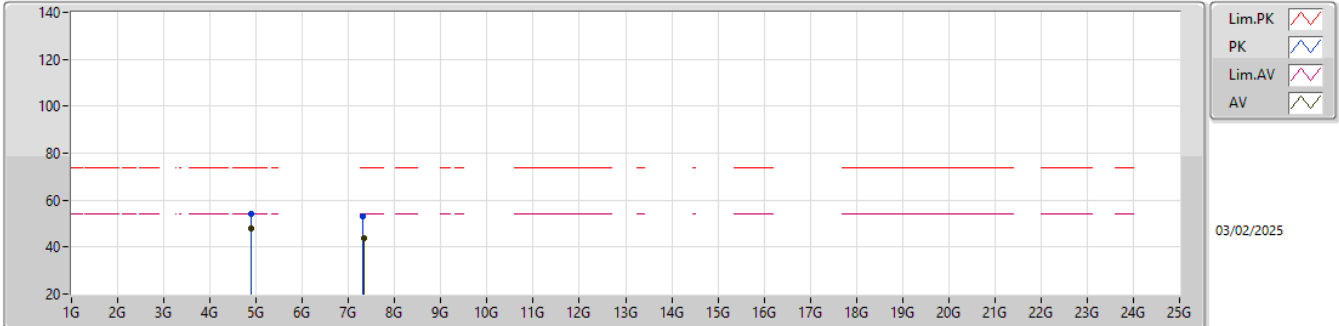


EUT_Y_1TX
Setting 14
03-P-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.88056G	47.41	74.00	-26.59	42.84	3	Vertical	28	2.14	-	32.72	7.18	35.33			
AV	4.87896G	38.58	54.00	-15.42	34.01	3	Vertical	28	2.14	-	32.72	7.18	35.33			
PK	7.3186G	53.51	74.00	-20.49	43.16	3	Vertical	348	2.94	-	36.89	8.62	35.16			
AV	7.31672G	43.65	54.00	-10.35	33.29	3	Vertical	348	2.94	-	36.90	8.62	35.16			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

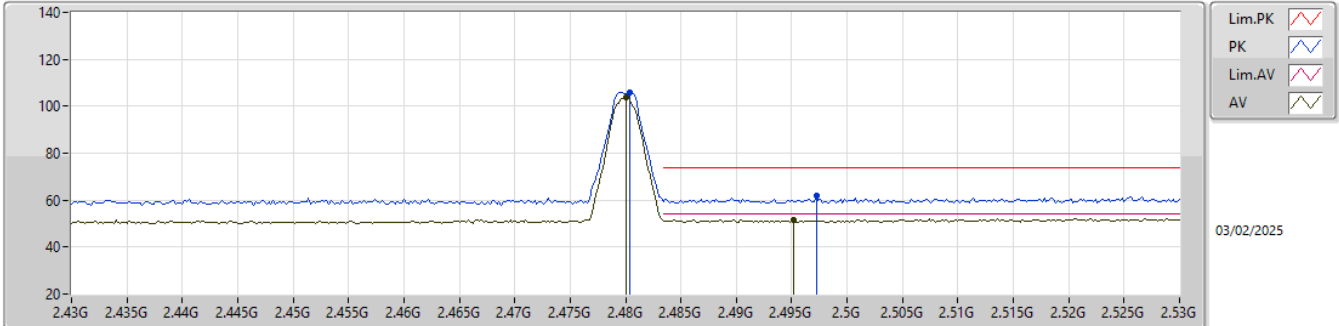


EUT_Y_1TX
Setting 14
03-P-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.88104G	54.37	74.00	-19.63	49.80	3	Horizontal	57	1.74	-	32.72	7.18	35.33				
AV	4.87904G	48.09	54.00	-5.91	43.52	3	Horizontal	57	1.74	-	32.72	7.18	35.33				
PK	7.32068G	52.87	74.00	-21.13	42.53	3	Horizontal	39	1.58	-	36.88	8.62	35.16				
AV	7.3276G	44.01	54.00	-9.99	33.72	3	Horizontal	39	1.58	-	36.83	8.62	35.16				

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

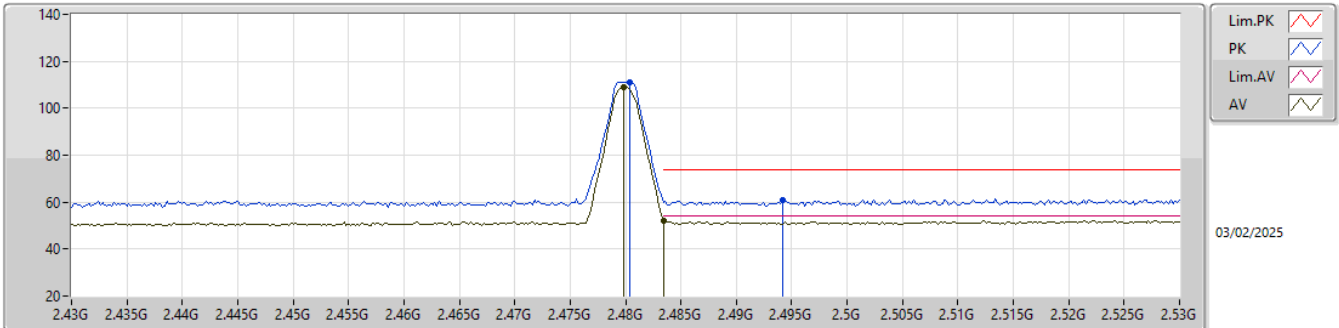


EUT_Y_1TX
Setting 14
03-P-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.4804G	105.81	Inf	-Inf	73.00	3	Vertical	0	3.00	-	27.90	4.91	-				
AV	2.48G	103.61	Inf	-Inf	70.80	3	Vertical	0	3.00	-	27.90	4.91	-				
PK	2.4972G	61.72	74.00	-12.28	28.89	3	Vertical	0	3.00	-	27.90	4.93	-				
AV	2.4952G	51.43	54.00	-2.57	18.61	3	Vertical	0	3.00	-	27.90	4.92	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

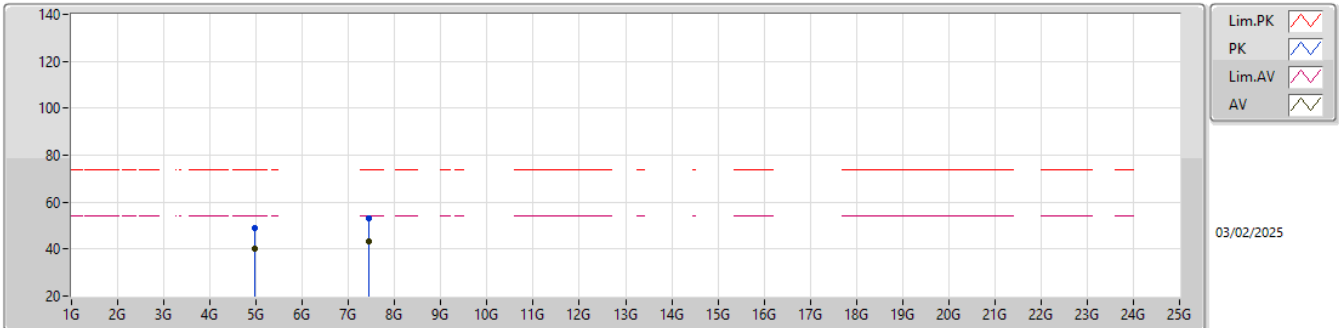


EUT_Y_1TX
Setting 14
03-P-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.4804G	111.26	Inf	-Inf	78.45	3	Horizontal	313	2.23	-	27.90	4.91	-				
AV	2.4798G	109.11	Inf	-Inf	76.30	3	Horizontal	313	2.23	-	27.90	4.91	-				
PK	2.4942G	60.85	74.00	-13.15	28.03	3	Horizontal	313	2.23	-	27.90	4.92	-				
AV	2.4835G	52.31	54.00	-1.69	19.50	3	Horizontal	313	2.23	-	27.90	4.91	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

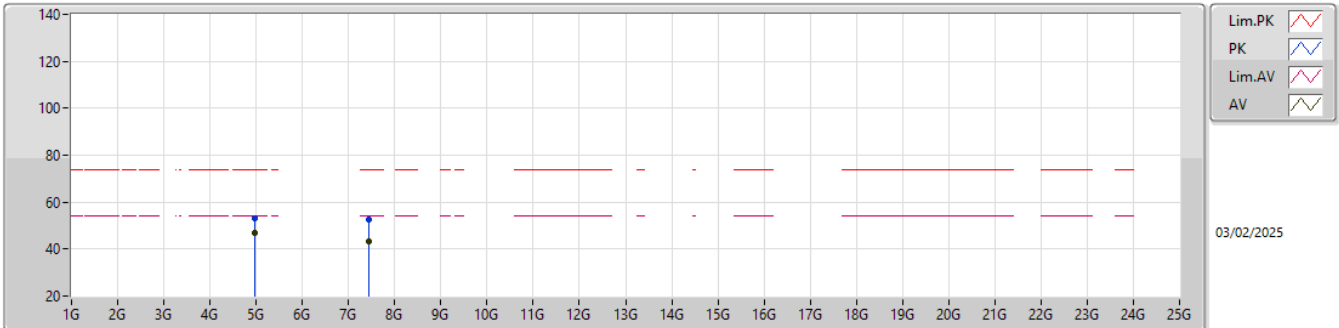


EUT_Y_1TX
Setting 14
03-P-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.95896G	48.84	74.00	-25.16	43.90	3	Vertical	351	1.76	-	33.12	7.15	35.33			
AV	4.95888G	40.34	54.00	-13.66	35.40	3	Vertical	351	1.76	-	33.12	7.15	35.33			
PK	7.44756G	52.89	74.00	-21.11	42.93	3	Vertical	214	1.40	-	36.40	8.73	35.17			
AV	7.44324G	43.08	54.00	-10.92	33.11	3	Vertical	214	1.40	-	36.41	8.73	35.17			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



EUT_Y_1TX
Setting 14
03-P-G-5
Bypass Mode

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.95908G	53.33	74.00	-20.67	48.39	3	Horizontal	52	1.96	-	33.12	7.15	35.33				
AV	4.959G	46.97	54.00	-7.03	42.03	3	Horizontal	52	1.96	-	33.12	7.15	35.33				
PK	7.43804G	52.80	74.00	-21.20	42.83	3	Horizontal	239	2.61	-	36.42	8.72	35.17				
AV	7.4492G	43.48	54.00	-10.52	33.52	3	Horizontal	239	2.61	-	36.40	8.73	35.17				