RF-EXPOSURE REPORT

FCC 47 CFR Part 2.1091
Maximum permissible exposure

Report Reference No	G0M-2310-2291-TFC091MP01-V01
Testing Laboratory	Eurofins Product Service GmbH
Address	Storkower Str. 38c 15526 Reichenwalde Germany
Accreditation	A2LA Accredited Testing Laboratory, Certificate No.: 1983.01 FCC Test Firm Designation Number: DE0008 ISED Testing Laboratory site: 3470A
Applicant	Sandvik Mining and Construction Oy
Address	Taivalkatu 8 15101 Lahti Finland
Test Specification	According to FCC rules
Standard	FCC 47 CFR 2.1091
Non-Standard Test Method	None
Equipment under Test (EUT):	
Product Description	Machine mounted device that enables remote monitoring of the machine. During machine operation, device collects and transmits operating and location information
Model(s)	ADY1
Additional Model(s)	None
Brand Name(s)	RDY1
Hardware Version(s)	ADY_04, APP_02
Software Version(s)	2023.11.02.1_ardy_v2
FCC-ID	2BD5URDY
Contains FCC ID	XPYUBX20VA01
Test Result	**PASSED**

Possible test case verdicts:		
required by standard but not tested	N/T	
not required by standard	N/R	
test object does meet the requirement	P(PASS)	
test object does not meet the requirement	F(FAIL)	
Testing:		
Test Lab Temperature	20 °C - 30 °C	
Test Lab Humidity	25 % - 55 %	
Date of performance	2024-10-10	
Date of receipt of test item	See test sample identification table on page 7	
Report:		
Compiled by	Stephan Liebich	
Tested by (+ signature) (Responsible for Test)	Burkhard Pudell	
Approved by (+ signature) (Test Lab Engineer)	Radwan Jaafar	
Date of Issue	2024-10-10	
Total number of pages	22	
General Remarks:		

The test results presented in this report relate only to the object tested.

The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

The above equipment has been tested by Eurofins Product Service GmbH, and found compliance with the requirements of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

Compliance of electromagnetic emission from electronic and electrical equipment with the basic restrictions usually is determined by measurements and, in some cases, calculation of the exposure level. If the electrical power used by or radiated by the equipment is sufficiently low, the electromagnetic fields emitted will be incapable of producing exposures that exceed the basic restrictions.

Any relevant compliance assessment procedure which is consistent with the state of the art, reproducible and gives valid results can be used.

For transmitters intended for use with more than one antenna configuration option, the combination of transmitter and antenna(s) which generates the highest available antenna power and/or average total radiated power shall be assessed.
Additional Comments:
RF-Exposure calculation is based on measurement results from reference documents.

VERSION HISTORY

Version History			
Version	Issue Date	Remarks	Revised By
01	2024-10-10	Initial Release	--

ABBREVIATIONS AND ACRONYMS

Acronyms	
Acronym	Description
EIRP	Equivalent Isotropic Radiated Power
EUT	Equipment Under Test
MPE	Maximum Permissible Exposure

REPORT INDEX

1 Equipment (Test Item) Under Test

Description	Machine mounted device that enables remote monitoring of the machine. During machine operation, device collects and transmits operating and location information			
Model	ADY1			
Additional Model(s)	None			
Brand Name(s)	RDY1			
Sample Identification	EUT #	Sample-ID	Serial Number	Date of receipt
	EUT 1	See Ref-Doc	See Ref-Doc	See Ref-Doc
Hardware Version(s)	ADY_04, APP_02			
Software Version(s)	2023.11.02.1_ardy_v2			
FCC ID	2BD5URDY			
Contains FCC ID	XPYUBX20VA01			
Equipment type	End Product			
Environment	Workers			

1.1 Reference Documents

Document Type	Document No.	Issued by	Date
Radio Test Report	3848RER005A1	Eurofins Electric & Electronics Finland Oy	2024-09-24
Test-Report	MDE_UBLOX_2005_FCC_01_rev04	7Layers GmbH	2021-03-15
OTA PASSIVE ANTENNA TEST REPORT	Passive_OTA_test_report_ID5993_ADY1_14062024	Verkotan	2024-06-14

1.2 Power density radiation sources

Mode	Operating Frequency [MHz]	Maximum conducted power [dBm]	Maximum radiated power [dBm EIRP]	Maximum duty cycle [%]	Maximum antenna gain [dBi]	Maximum antenna diameter [cm]
Bluetooth LE	2440	-1.40	0.4	100	1.8	N/A
GSM 850	836	33.44	24.54	100	-8.9	N/A
GSM 1900	1880.0	29.05	31.45	100	2.4	N/A
LTE FDD2	1880.0	24.27	26.67	100	2.4	N/A
LTE FDD4	1732.5	24.70	26.70	100	2.0	N/A
LTE FDD5	836.5	24.34	15.45	100	-8.9	N/A
LTE FDD8	897.5	22.71	10.41	100	-12.3	N/A
LTE FDD12	707.5	23.67	18.47	100	-5.2	N/A
LTE FDD13	782.0	24.94	17.34	100	-7.6	N/A
LTE FDD25	1882.5	23.31	25.71	100	2.4	N/A
LTE FDD26	831.5	23.10	14.20	100	-8.9	N/A
LTE FDD66	1745	25.30	27.40	100	2.1	N/A
Comment: --						

1.3 Field strength radiation sources

None

1.4 Concurrent Sources

Concurrent operating conditions
Bluetooth LE + GSM 850
Bluetooth LE + GSM 1900
Bluetooth LE + LTE FDD2
Bluetooth LE + LTE FDD4
Bluetooth LE + LTE FDD5
Bluetooth LE + LTE FDD8
Bluetooth LE + LTE FDD12
Bluetooth LE + LTE FDD13
Bluetooth LE + LTE FDD25
Bluetooth LE + LTE FDD26
Bluetooth LE + LTE FDD66
Comment: --

2 Result Summary

FCC MPE Evaluation - Single radiation sources					
Product Standard Reference	**Requirement**	**Reference Method**	**Mode**	**Distance [m]**	**Verdict**
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	Bluetooth LE	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	GSM 850	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	GSM 1900	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	LTE FDD2	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	LTE FDD4	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	LTE FDD5	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	LTE FDD8	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	LTE FDD12	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	LTE FDD13	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	LTE FDD25	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	LTE FDD26	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	LTE FDD66	0.20	PASS
Comment: --					

FCC MPE Evaluation - Multi-transmitter sources					
Product Standard Reference	**Requirement**	**Reference Method**	**Mode**	**Distance [m]**	**Verdict**
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	Bluetooth LE + GSM 850	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	Bluetooth LE + GSM 1900	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	Bluetooth LE + LTE FDD2	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	Bluetooth LE + LTE FDD4	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	Bluetooth LE + LTE FDD5	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	Bluetooth LE + LTE FDD8	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	Bluetooth LE + LTE FDD12	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	Bluetooth LE + LTE FDD13	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	Bluetooth LE + LTE FDD25	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	Bluetooth LE + LTE FDD26	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	Bluetooth LE + LTE FDD66	0.20	PASS
Comment: --					

3 RF-Exposure classification

RF-Exposure Categories	
Fixed	A fixed device is defined as a device physically secured at one fixed location and cannot be easily re-located.
Mobile	A mobile device is defined as a transmitting device designed to be used in other than fixed locations and to generally be used in such a way that a separation distance of at least 20 centimeters is normally maintained between the transmitter's radiating structure(s) and the body of the user or nearby persons.
Portable	A portable device is defined as a transmitting device designed to be used so that the radiating structure(s) of the device is/are within 20 centimeters of the body of the user.

RF-Exposure Categories	
Occupational / Controlled	Limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.
General population / Uncontrolled	Exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

4 RF-Exposure limits

FCC Limits – General Population / Uncontrolled Exposure				
Frequency range [MHz]	**Electric field strength [V/M]**	**Magnetic field strength [A/M]**	**Power density [W/m²]**	**Averaging time [min]**
0.3 – 1.34	614	1.63	1000	30
1.34 – 30	824/f	2.19/f	1800/f²	30
30 – 300	27.5	0.073	2	30
300 – 1500	-	-	f/150	30
1500 – 100000	-	-	10.0	30

FCC Limits – Occupational / Controlled Exposure				
Frequency range [MHz]	**Electric field strength [V/M]**	**Magnetic field strength [A/M]**	**Power density [W/m²]**	**Averaging time [min]**
0.3 – 3.0	614	1.63	1000	6
3.0 – 30	1842/f	4.89/f	9000/f²	6
30 – 300	61.4	0.163	10.0	6
300 – 1500	-	-	f/30	6
1500 – 100000	-	-	50	6

5 RF-Exposure Evaluation

Evaluation Relations

$$\lambda[m] = \frac{c\left[\frac{m}{s}\right]}{f[Hz]} \; ; \; R_{FF}[m] \geq \frac{2 \cdot D[m]^2}{\lambda[m]}$$

$$S[W/m^2] = \frac{P_{E.I.R.P.}[W]}{4\pi R[m]^2} \; ; \; R[m] = \sqrt{\frac{P_{E.I.R.P.}[W]}{4\pi S[W/m^2]}}$$

$$DCC\ [dB] = 10 \cdot Log_{10}\left(\frac{DC[\%]}{100}\right)$$

$$\sum_{i=1}^{N} \frac{S_i\left[\frac{W}{m^2}\right]}{S_{Li}\left[\frac{W}{m^2}\right]} + \sum_{j=1}^{M} \left(\frac{E_j\left[\frac{V}{m}\right]}{E_{Lj}\left[\frac{V}{m}\right]}\right)^2 + \sum_{k=1}^{O} \left(\frac{H_k\left[\frac{A}{m}\right]}{H_{Lk}\left[\frac{A}{m}\right]}\right)^2 < 1$$

Evaluation Procedure

Standalone operation evaluation:

For each radio and frequency band the worst case transmission mode with the highest peak conducted or radiated power is evaluated at the frequency that results in the most restrictive rf-exposure limit. From the peak power values, antenna gains and duty cycles taken from the reference documents, the source average radiated power values are calculated. From the average radiated power the power densities at antenna far-field distance is calculated. The distance from the radiation source for compliance power density is calculated. If the separation distance is lower than the far-field distance, the far-field distance is given as compliance separation distance because the plane wave power density assessment is only valid in the far-field of the radiation source.

For radiation sources for which the average electric and magnetic fields are measured using field probes, the measured field strength values are compared to the reference limits. For those sources no calculations are performed. Compliance with the reference values is determined with the near field measurements.

Concurrent operation evaluation:

First the evaluation distance is set to an appropriate value. For all radiation sources for which power densities are calculated, the power densities at the evaluation distance are calculated and for all other sources the electric or magnetic field strengths are measured using field probes. Finally the ratios of the power densities and/or field strength values and the corresponding limits are calculated and summed and the sum is compared to the maximum of 1.

6 Single Source Evaluation Results - FCC

Bluetooth LE	
Transmission Mode	
Transmission Frequency (f) [MHz]	2440
Antenna far-field distance	
Maximum antenna diameter (D) [m]	N/A
Transmission wavelength (λ) [m]	N/A
Antenna far-field distance (R_{FF}) [m]	N/A
Source average power	
Peak radiated power (PR) [dBm EIRP]	0.4
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	0.40
Power density	
Compliance power density limit [W/m^2]	50.000
Power density (S) @ Antenna far-field distance [W/m^2]	N/A
Power density (S) @ 0.20 m [W/m^2]	0.002
Power density ratio @ 0.20 m	0.00
Distance for compliance power density (S=SL) [m]	0.001
Compliance	
Verdict	PASS
Comment: --	

GSM 850	
Transmission Mode	
Transmission Frequency (f) [MHz]	836
Antenna far-field distance	
Maximum antenna diameter (D) [m]	N/A
Transmission wavelength (λ) [m]	N/A
Antenna far-field distance (R_{FF}) [m]	N/A
Source average power	
Peak radiated power (PR) [dBm EIRP]	24.54
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	24.54
Power density	
Compliance power density limit [W/m^2]	27.867
Power density (S) @ Antenna far-field distance [W/m^2]	N/A
Power density (S) @ 0.20 m [W/m^2]	0.566
Power density ratio @ 0.20 m	0.02
Distance for compliance power density (S=SL) [m]	0.029
Compliance	
Verdict	PASS
Comment: --	

GSM 1900	
Transmission Mode	
Transmission Frequency (f) [MHz]	1880.0
Antenna far-field distance	
Maximum antenna diameter (D) [m]	N/A
Transmission wavelength (λ) [m]	N/A
Antenna far-field distance (R_{FF}) [m]	N/A
Source average power	
Peak radiated power (PR) [dBm EIRP]	31.45
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	31.45
Power density	
Compliance power density limit [W/m^2]	50.000
Power density (S) @ Antenna far-field distance [W/m^2]	N/A
Power density (S) @ 0.20 m [W/m^2]	2.778
Power density ratio @ 0.20 m	0.06
Distance for compliance power density (S=SL) [m]	0.047
Compliance	
Verdict	PASS
Comment: --	

LTE FDD2	
Transmission Mode	
Transmission Frequency (f) [MHz]	1880.0
Antenna far-field distance	
Maximum antenna diameter (D) [m]	N/A
Transmission wavelength (λ) [m]	N/A
Antenna far-field distance (R_{FF}) [m]	N/A
Source average power	
Peak radiated power (PR) [dBm EIRP]	26.67
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	26.67
Power density	
Compliance power density limit [W/m^2]	50.000
Power density (S) @ Antenna far-field distance [W/m^2]	N/A
Power density (S) @ 0.20 m [W/m^2]	0.924
Power density ratio @ 0.20 m	0.02
Distance for compliance power density (S=SL) [m]	0.027
Compliance	
Verdict	PASS
Comment: --	

LTE FDD4	
Transmission Mode	
Transmission Frequency (f) [MHz]	1732.5
Antenna far-field distance	
Maximum antenna diameter (D) [m]	N/A
Transmission wavelength (λ) [m]	N/A
Antenna far-field distance (R_{FF}) [m]	N/A
Source average power	
Peak radiated power (PR) [dBm EIRP]	26.70
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	26.70
Power density	
Compliance power density limit [W/m^2]	50.000
Power density (S) @ Antenna far-field distance [W/m^2]	N/A
Power density (S) @ 0.20 m [W/m^2]	0.931
Power density ratio @ 0.20 m	0.02
Distance for compliance power density (S=SL) [m]	0.027
Compliance	
Verdict	PASS
Comment: --	

LTE FDD5	
Transmission Mode	
Transmission Frequency (f) [MHz]	836.5
Antenna far-field distance	
Maximum antenna diameter (D) [m]	N/A
Transmission wavelength (λ) [m]	N/A
Antenna far-field distance (R_{FF}) [m]	N/A
Source average power	
Peak radiated power (PR) [dBm EIRP]	15.45
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	15.45
Power density	
Compliance power density limit [W/m^2]	27.883
Power density (S) @ Antenna far-field distance [W/m^2]	N/A
Power density (S) @ 0.20 m [W/m^2]	0.070
Power density ratio @ 0.20 m	0.00
Distance for compliance power density (S=SL) [m]	0.010
Compliance	
Verdict	PASS
Comment: --	

LTE FDD8	
Transmission Mode	
Transmission Frequency (f) [MHz]	897.5
Antenna far-field distance	
Maximum antenna diameter (D) [m]	N/A
Transmission wavelength (λ) [m]	N/A
Antenna far-field distance (R_{FF}) [m]	N/A
Source average power	
Peak radiated power (PR) [dBm EIRP]	10.41
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	10.41
Power density	
Compliance power density limit [W/m^2]	29.917
Power density (S) @ Antenna far-field distance [W/m^2]	N/A
Power density (S) @ 0.20 m [W/m^2]	0.022
Power density ratio @ 0.20 m	0.00
Distance for compliance power density (S=SL) [m]	0.005
Compliance	
Verdict	PASS
Comment: --	

LTE FDD12	
Transmission Mode	
Transmission Frequency (f) [MHz]	707.5
Antenna far-field distance	
Maximum antenna diameter (D) [m]	N/A
Transmission wavelength (λ) [m]	N/A
Antenna far-field distance (R_{FF}) [m]	N/A
Source average power	
Peak radiated power (PR) [dBm EIRP]	18.47
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	18.47
Power density	
Compliance power density limit [W/m^2]	23.583
Power density (S) @ Antenna far-field distance [W/m^2]	N/A
Power density (S) @ 0.20 m [W/m^2]	0.140
Power density ratio @ 0.20 m	0.01
Distance for compliance power density (S=SL) [m]	0.015
Compliance	
Verdict	PASS
Comment: --	

LTE FDD13	
Transmission Mode	
Transmission Frequency (f) [MHz]	782.0
Antenna far-field distance	
Maximum antenna diameter (D) [m]	N/A
Transmission wavelength (λ) [m]	N/A
Antenna far-field distance (R_{FF}) [m]	N/A
Source average power	
Peak radiated power (PR) [dBm EIRP]	17.34
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	17.34
Power density	
Compliance power density limit [W/m^2]	26.067
Power density (S) @ Antenna far-field distance [W/m^2]	N/A
Power density (S) @ 0.20 m [W/m^2]	0.108
Power density ratio @ 0.20 m	0.00
Distance for compliance power density (S=SL) [m]	0.013
Compliance	
Verdict	PASS
Comment: --	

LTE FDD25	
Transmission Mode	
Transmission Frequency (f) [MHz]	1882.5
Antenna far-field distance	
Maximum antenna diameter (D) [m]	N/A
Transmission wavelength (λ) [m]	N/A
Antenna far-field distance (R_{FF}) [m]	N/A
Source average power	
Peak radiated power (PR) [dBm EIRP]	25.71
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	25.71
Power density	
Compliance power density limit [W/m^2]	50.000
Power density (S) @ Antenna far-field distance [W/m^2]	N/A
Power density (S) @ 0.20 m [W/m^2]	0.741
Power density ratio @ 0.20 m	0.01
Distance for compliance power density (S=SL) [m]	0.024
Compliance	
Verdict	PASS
Comment: --	

LTE FDD26	
Transmission Mode	
Transmission Frequency (f) [MHz]	831.5
Antenna far-field distance	
Maximum antenna diameter (D) [m]	N/A
Transmission wavelength (λ) [m]	N/A
Antenna far-field distance (R_{FF}) [m]	N/A
Source average power	
Peak radiated power (PR) [dBm EIRP]	14.20
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	14.20
Power density	
Compliance power density limit [W/m^2]	27.717
Power density (S) @ Antenna far-field distance [W/m^2]	N/A
Power density (S) @ 0.20 m [W/m^2]	0.052
Power density ratio @ 0.20 m	0.00
Distance for compliance power density (S=SL) [m]	0.009
Compliance	
Verdict	PASS
Comment: --	

LTE FDD66	
Transmission Mode	
Transmission Frequency (f) [MHz]	1745
Antenna far-field distance	
Maximum antenna diameter (D) [m]	N/A
Transmission wavelength (λ) [m]	N/A
Antenna far-field distance (R_{FF}) [m]	N/A
Source average power	
Peak radiated power (PR) [dBm EIRP]	27.40
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	27.40
Power density	
Compliance power density limit [W/m^2]	50.000
Power density (S) @ Antenna far-field distance [W/m^2]	N/A
Power density (S) @ 0.20 m [W/m^2]	1.093
Power density ratio @ 0.20 m	0.02
Distance for compliance power density (S=SL) [m]	0.030
Compliance	
Verdict	PASS
Comment: --	

7 Concurrent Evaluation Results - FCC

Bluetooth LE + GSM 850	
Information	
Number of concurrent modes	2
Evaluation distance [m]	0.20
Maximum MPE Ratios	
Bluetooth LE	0.00
GSM 850	0.02
Sum of MPE Ratios	
Sum	0.02
Compliance	
Verdict	PASS

Bluetooth LE + GSM 1900	
Information	
Number of concurrent modes	2
Evaluation distance [m]	0.20
Maximum MPE Ratios	
Bluetooth LE	0.00
GSM 1900	0.06
Sum of MPE Ratios	
Sum	0.06
Compliance	
Verdict	PASS

Bluetooth LE + LTE FDD2	
Information	
Number of concurrent modes	2
Evaluation distance [m]	0.20
Maximum MPE Ratios	
Bluetooth LE	0.00
LTE FDD2	0.02
Sum of MPE Ratios	
Sum	0.02
Compliance	
Verdict	PASS

Bluetooth LE + LTE FDD4	
Information	
Number of concurrent modes	2
Evaluation distance [m]	0.20
Maximum MPE Ratios	
Bluetooth LE	0.00
LTE FDD4	0.02
Sum of MPE Ratios	
Sum	0.02
Compliance	
Verdict	PASS

Bluetooth LE + LTE FDD5	
Information	
Number of concurrent modes	2
Evaluation distance [m]	0.20
Maximum MPE Ratios	
Bluetooth LE	0.00
LTE FDD5	0.00
Sum of MPE Ratios	
Sum	0.00
Compliance	
Verdict	PASS

Bluetooth LE + LTE FDD8	
Information	
Number of concurrent modes	2
Evaluation distance [m]	0.20
Maximum MPE Ratios	
Bluetooth LE	0.00
LTE FDD8	0.00
Sum of MPE Ratios	
Sum	0.00
Compliance	
Verdict	PASS

Bluetooth LE + LTE FDD12	
Information	
Number of concurrent modes	2
Evaluation distance [m]	0.20
Maximum MPE Ratios	
Bluetooth LE	0.00
LTE FDD12	0.01
Sum of MPE Ratios	
Sum	0.01
Compliance	
Verdict	PASS

Bluetooth LE + LTE FDD13	
Information	
Number of concurrent modes	2
Evaluation distance [m]	0.20
Maximum MPE Ratios	
Bluetooth LE	0.00
LTE FDD13	0.00
Sum of MPE Ratios	
Sum	0.00
Compliance	
Verdict	PASS

Bluetooth LE + LTE FDD25	
Information	
Number of concurrent modes	2
Evaluation distance [m]	0.20
Maximum MPE Ratios	
Bluetooth LE	0.00
LTE FDD25	0.01
Sum of MPE Ratios	
Sum	0.01
Compliance	
Verdict	PASS

Bluetooth LE + LTE FDD26	
Information	
Number of concurrent modes	2
Evaluation distance [m]	0.20
Maximum MPE Ratios	
Bluetooth LE	0.00
LTE FDD26	0.00
Sum of MPE Ratios	
Sum	0.00
Compliance	
Verdict	PASS

Bluetooth LE + LTE FDD66	
Information	
Number of concurrent modes	2
Evaluation distance [m]	0.20
Maximum MPE Ratios	
Bluetooth LE	0.00
LTE FDD66	0.02
Sum of MPE Ratios	
Sum	0.02
Compliance	
Verdict	PASS

=== End of test report ===