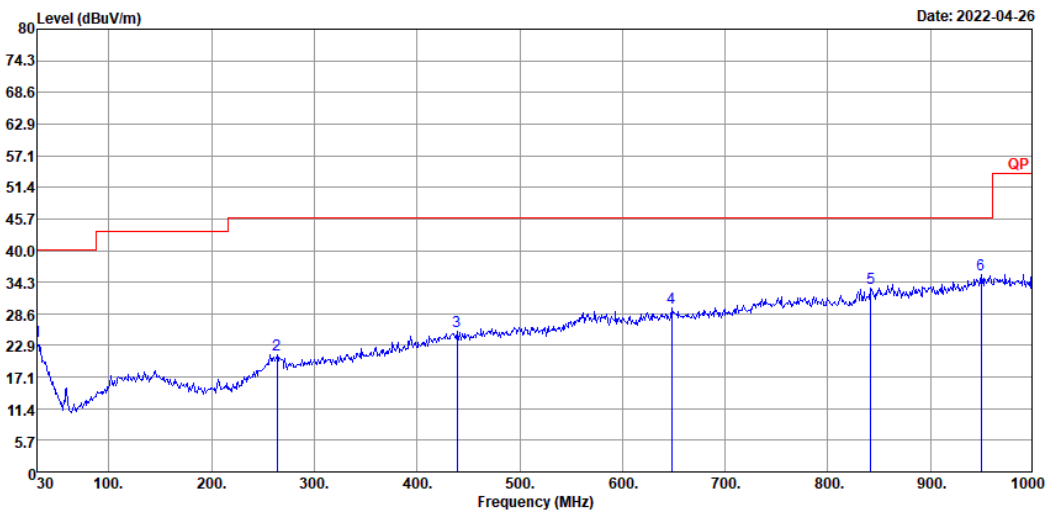


**CH05 Radiated Emissions (30MHz – 1GHz)**

Test Mode	Mode 13: cidx-9_sts-1_packet length-125	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



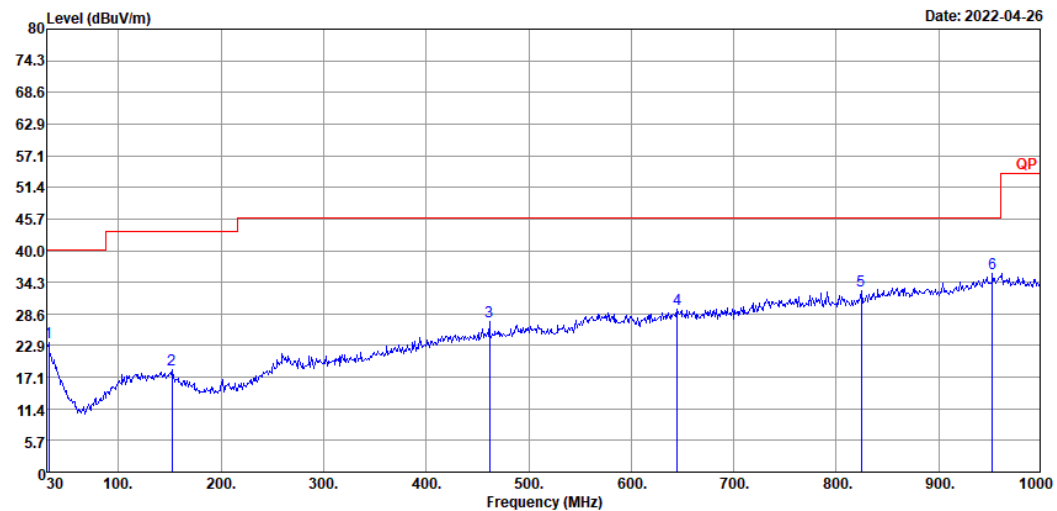
Site : 03CH20-HY
Condition : QP 3m LF_55606&08_1101017 VERTICAL
Project : 1O2919-05
EUT : #9
Channel : CH5
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0x4f4f444f
PG Delay : 20
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	30.00	23.59	-16.41	40.00	33.70	24.37	1.17	35.66	0.01	0.00	---	---	Peak
2	263.77	21.20	-24.80	46.00	33.15	20.16	3.06	35.25	0.08	0.00	---	---	Peak
3	439.34	25.37	-20.63	46.00	33.22	22.92	3.90	34.78	0.11	0.00	---	---	Peak
4	647.89	29.70	-16.30	46.00	32.94	26.12	4.67	34.16	0.13	0.00	---	---	Peak
5	841.89	33.11	-12.89	46.00	32.35	28.57	5.29	33.39	0.29	0.00	---	---	Peak
6	949.56	35.55	-10.45	46.00	32.12	30.42	5.61	32.98	0.38	0.00	---	---	Peak

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.

CH05: Radiated Emissions (30MHz – 1GHz)

Test Mode	Mode 25: cidx-9_sts-1_packet length-125	Polarization	H
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
 Condition : QP 3m LF_55606&08_1101017 HORIZONTAL
 Project : 1O2919-05
 EUT : #9
 Channel : CH5
 cidx : 9
 sts_mode : 1
 packet_length : 125
 power_hex : 0xbfbf9cbf
 PG Delay : 26
 AVG Type : RMS
 Trace : Max Hold

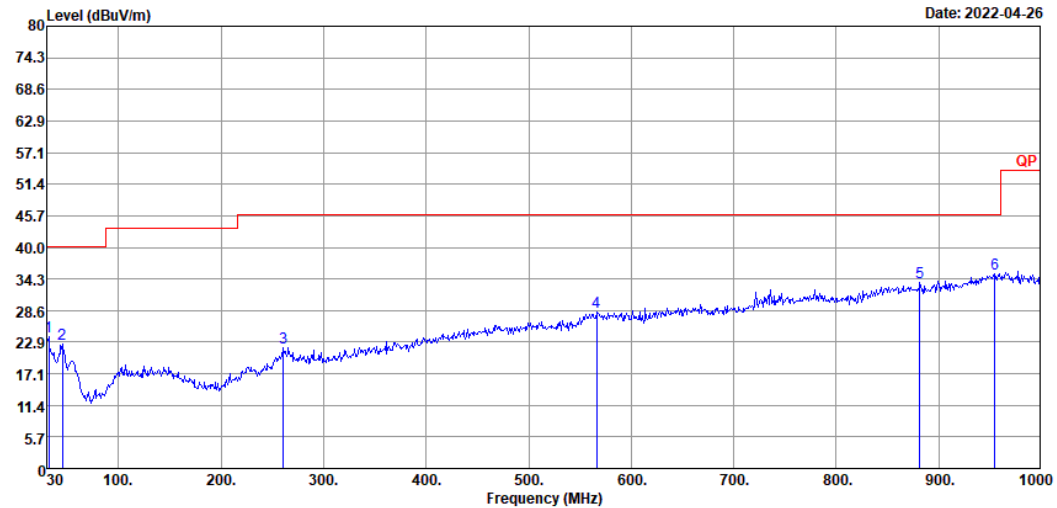
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	31.94	23.43	-16.57	40.00	34.39	23.49	1.20	35.66	0.01	0.00	---	---	Peak
2	152.22	18.41	-25.09	43.50	34.32	17.07	2.39	35.45	0.08	0.00	---	---	Peak
3	461.65	27.17	-18.83	46.00	34.39	23.41	3.98	34.73	0.12	0.00	---	---	Peak
4	644.98	29.34	-16.66	46.00	32.60	26.12	4.66	34.17	0.13	0.00	---	---	Peak
5	824.43	32.75	-13.25	46.00	33.02	27.73	5.24	33.51	0.27	0.00	---	---	Peak
6	952.47	35.97	-10.03	46.00	32.44	30.51	5.61	32.97	0.38	0.00	---	---	Peak

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
 Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
 Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
 Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.



CH05 Radiated Emissions (30MHz – 1GHz)

Test Mode	Mode 25: cidx-9_sts-1_packet length-125	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : QP 3m LF_55606&08_1101017 VERTICAL
Project : 1O2919-05
EUT : #9
Channel : CH5
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	31.94	23.79	-16.21	40.00	34.75	23.49	1.20	35.66	0.01	0.00	---	---	Peak
2	45.52	22.53	-17.47	40.00	40.36	16.36	1.41	35.62	0.02	0.00	---	---	Peak
3	260.86	21.88	-24.12	46.00	33.90	20.12	3.04	35.26	0.08	0.00	---	---	Peak
4	566.41	28.30	-17.70	46.00	32.31	25.88	4.40	34.43	0.14	0.00	---	---	Peak
5	881.66	33.63	-12.37	46.00	32.32	28.72	5.45	33.20	0.34	0.00	---	---	Peak
6	954.41	35.17	-10.83	46.00	31.58	30.57	5.61	32.97	0.38	0.00	---	---	Peak

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

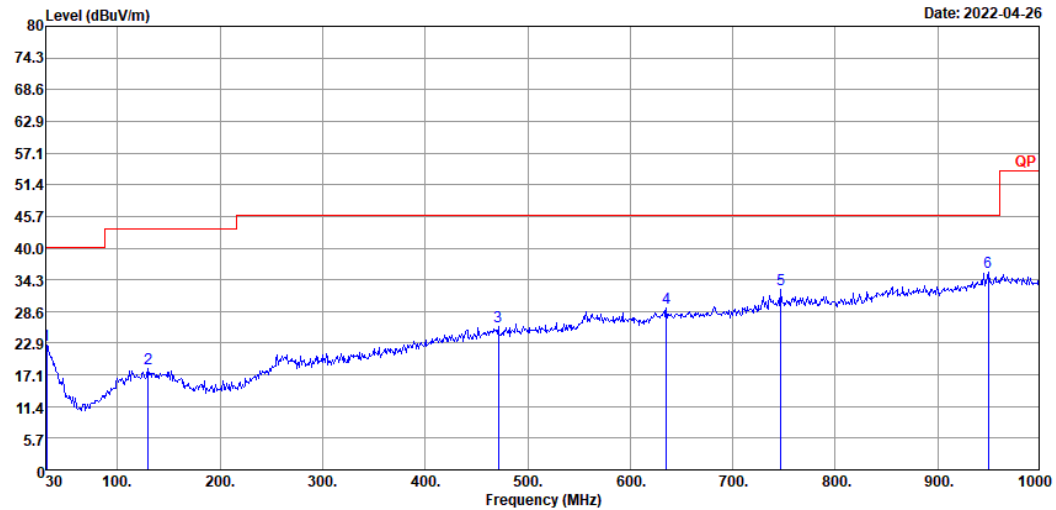
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.



CH09 Radiated Emissions (30MHz – 1GHz)

Test Mode	Mode 46: cidx-12_sts-1_packet length-125	Polarization	H
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : QP 3m LF_55606&08_1101017 HORIZONTAL
Project : 1O2919-05
EUT : #9
Channel : CH9
cidx : 12
sts_mode : 1
packet_length : 125
power_hex : 0xfefec0fe
PG Delay : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	30.97	22.45	-17.55	40.00	33.01	23.90	1.19	35.66	0.01	0.00	---	---	Peak
2	129.91	18.31	-25.19	43.50	34.09	17.43	2.22	35.51	0.08	0.00	---	---	Peak
3	471.35	25.80	-20.20	46.00	32.89	23.46	4.02	34.70	0.13	0.00	---	---	Peak
4	635.28	29.14	-16.86	46.00	32.43	26.15	4.64	34.22	0.14	0.00	---	---	Peak
5	746.83	32.58	-13.42	46.00	33.48	27.67	5.00	33.75	0.18	0.00	---	---	Peak
6	949.56	35.66	-10.34	46.00	32.23	30.42	5.61	32.98	0.38	0.00	---	---	Peak

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

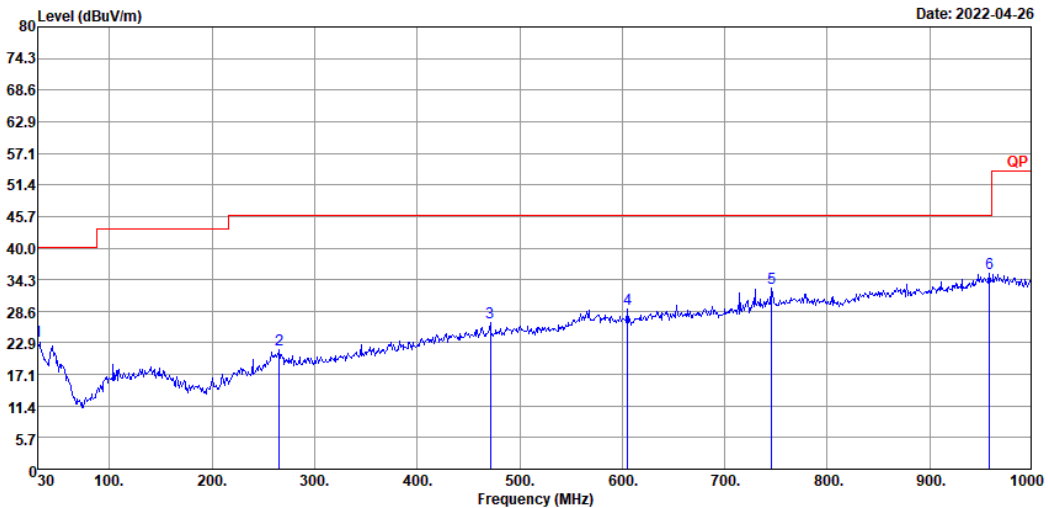
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.



CH09 Radiated Emissions (30MHz – 1GHz)

Test Mode	Mode 46: cidx-12_sts-1_packet length-125	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : QP 3m LF_55606&08_1101017 VERTICAL
Project : 1O2919-05
EUT : #9
Channel : CH9
cidx : 12
sts_mode : 1
packet_length : 125
power_hex : 0xfefec0fe
PG Delay : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna	Cable	Preamp	Aux	Aux2	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	30.00	23.15	-16.85	40.00	33.26	24.37	1.17	35.66	0.01	0.00	---	---	Peak
2	265.71	21.65	-24.35	46.00	33.70	20.05	3.07	35.25	0.08	0.00	---	---	Peak
3	471.35	26.62	-19.38	46.00	33.71	23.46	4.02	34.70	0.13	0.00	---	---	Peak
4	605.21	28.94	-17.06	46.00	33.24	25.35	4.55	34.36	0.16	0.00	---	---	Peak
5	745.86	32.79	-13.21	46.00	33.71	27.67	4.99	33.76	0.18	0.00	---	---	Peak
6	958.29	35.39	-10.61	46.00	31.66	30.69	5.62	32.96	0.38	0.00	---	---	Peak

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

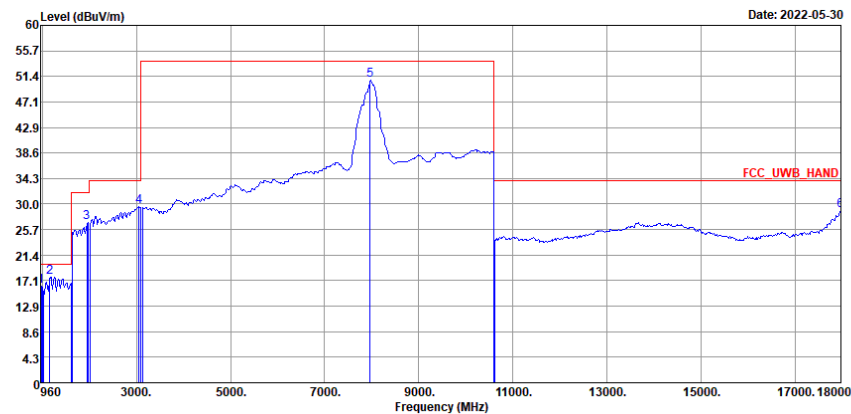
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Peak emission setting: RBW=120kHz; VBW = 300kHz.



3.5.8 Radiated Emissions (960MHz – 18GHz)

CH09 Radiated Emissions (960MHz – 18GHz)			
Test Mode	Mode 7: cidx-11_sts-1_packet length-125	Polarization	H
Operating Function	Adapter Mode		
Test Distance	The test distance between the receiving antenna and the EUT is as following: 3m for 1.61 GHz ~ 10.60 GHz frequency range, 1 m for 1GHz ~ 1.61 GHz, and 0.5 m for other frequency ranges.		



Site : 03CH20-HY
 Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
 Project : 1O2919-05
 EUT : #9
 Channel : CH9
 cidx : 11
 sts_mode : 1
 packet_length : 125
 power_hex : 0xfefec0fe
 PG Delay : 26
 AVG Type : RMS
 Trace : Max Hold

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Aux	Aux2	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	Level	Loss	Factor	Factor	Factor	cm	deg	
1	976.68	16.23	-3.70	19.93	28.15	30.51	5.63	32.90	0.40	-15.56	---	Average
2	1159.21	17.74	-2.19	19.93	31.05	25.84	6.07	35.68	-9.54	0.00	---	Average
3	1950.48	26.92	-5.01	31.93	28.96	26.20	7.83	36.07	0.00	0.00	---	Average
4	3050.05	29.60	-4.33	33.93	26.27	29.60	9.89	36.16	0.00	0.00	---	Average
5	7967.50	50.79	-3.14	53.93	36.66	37.10	16.16	39.13	0.00	0.00	---	Average
6	17977.80	28.84	-5.09	33.93	24.01	41.64	24.20	45.45	-15.56	0.00	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting outside GPS Bands: RBW=1MHz; VBW=3MHz.

Note 5: Average emission setting in GPS bands: RBW=1kHz; VBW=3kHz.

Note 6: #5 is fundamental signal.

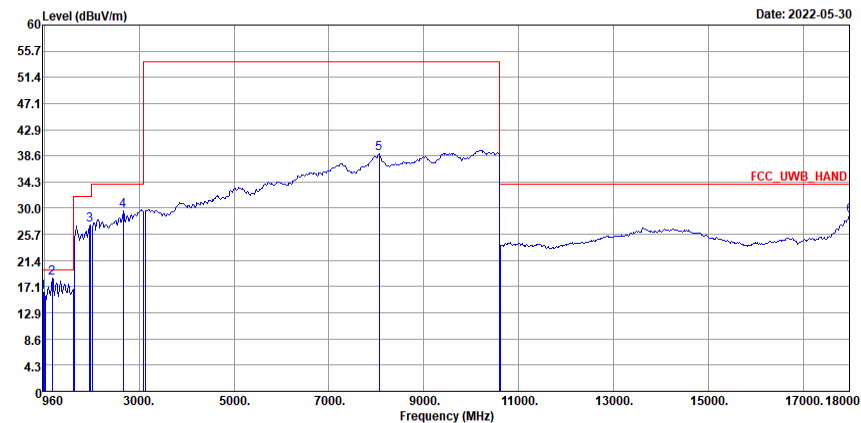
Note 7:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
Example: Distance extrapolation factor = $20 \log (0.5\text{m}/3\text{m}) = -15.56$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) = Level (dBuV/m)
 (Note: For test item below 1GHz, Aux = Filter loss; Aux 2 = Distance extrapolation factor)
 (Note: For test item above 1GHz, Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)
Example: Corrected Reading: 30.51 (dB/m) + 5.63 (dB) + 28.15 (dBuV) - 32.90 (dB) + (-15.16) (dB) = 16.23 (dBuV/m)



CH 09 Radiated Emissions (960MHz – 18GHz)

Test Mode	Mode 7: cidx-11_sts-1_packet length-125	Polarization	V
Operating Function	Adapter Mode		
Test Distance	The test distance between the receiving antenna and the EUT is as following: 3m for 1.61 GHz ~ 10.60 GHz frequency range, 1 m for 1GHz ~ 1.61 GHz, and 0.5 m for other frequency ranges.		



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120b_02294_1110622 VERTICAL
Project : 1O2919-05
EUT : #9
Channel : CH9
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0xfefec0fe
PG Delay : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Aux	Aux2	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	Level	Loss	Factor	Factor	Factor	cm	deg	
1	978.76	16.21	-3.72	19.93	28.20	30.43	5.63	32.89	0.40	-15.56	---	Average
2	1164.70	18.48	-1.45	19.93	31.75	25.86	6.09	35.68	-9.54	0.00	---	Average
3	1952.00	27.18	-4.75	31.93	29.19	26.22	7.84	36.07	0.00	0.00	---	Average
4	2662.66	29.60	-4.33	33.93	28.55	28.13	9.16	36.24	0.00	0.00	---	Average
5	8057.50	39.01	-14.92	53.93	25.02	37.10	16.12	39.23	0.00	0.00	---	Average
6	17992.60	28.78	-5.15	33.93	23.84	41.75	24.21	45.46	-15.56	0.00	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting outside GPS Bands: RBW=1MHz; VBW=3MHz.

Note 5: Average emission setting in GPS bands: RBW=1kHz; VBW=3kHz.

Note 6: #5 is fundamental signal.

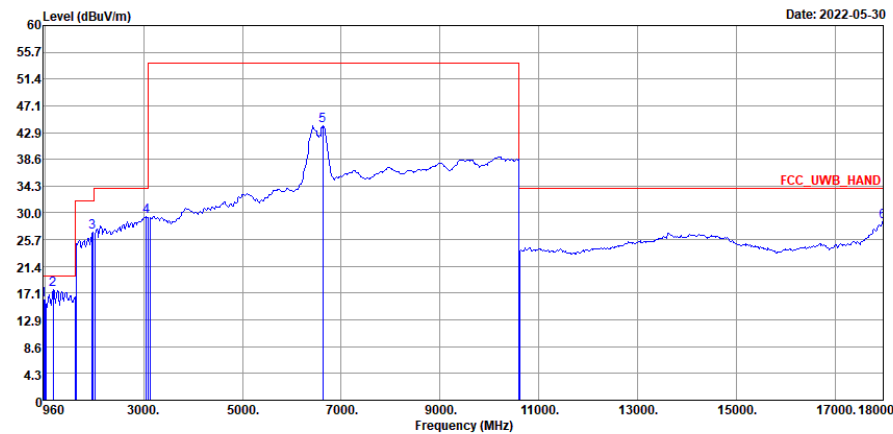
Note 7:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) = Level (dBuV/m)
(Note: For test item below 1GHz, Aux = Filter loss; Aux 2 = Distance extrapolation factor)
(Note: For test item above 1GHz, Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)



CH05 Radiated Emissions (960MHz – 18GHz)

Test Mode	Mode 13: cidx-9_sts-1_packet length-125	Polarization	H
Operating Function	Adapter Mode		
Test Distance	The test distance between the receiving antenna and the EUT is as following: 3m for 1.61 GHz ~ 10.60 GHz frequency range, 1 m for 1GHz ~ 1.61 GHz, and 0.5 m for other frequency ranges.		



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
Project : 1O2919-05
EUT : #9
Channel : CH5
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0x4f4f444f
PG Delay : 20
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	979.36	16.10	-3.83	19.93	28.11	30.41	5.63	32.89	0.40	-15.56	---	---	Average
2	1161.65	17.71	-2.22	19.93	31.00	25.85	6.08	35.68	-9.54	0.00	---	---	Average
3	1953.52	26.85	-5.08	31.93	28.85	26.23	7.84	36.07	0.00	0.00	---	---	Average
4	3048.94	29.47	-4.46	33.93	26.14	29.60	9.88	36.15	0.00	0.00	---	---	Average
5	6632.50	43.97	-9.96	53.93	31.48	35.70	14.68	37.89	0.00	0.00	---	---	Average
6	17977.80	28.65	-5.28	33.93	23.82	41.64	24.20	45.45	-15.56	0.00	---	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting outside GPS Bands: RBW=1MHz; VBW=3MHz.

Note 5: Average emission setting in GPS bands: RBW=1kHz; VBW=3kHz.

Note 6: #5 is fundamental signal.

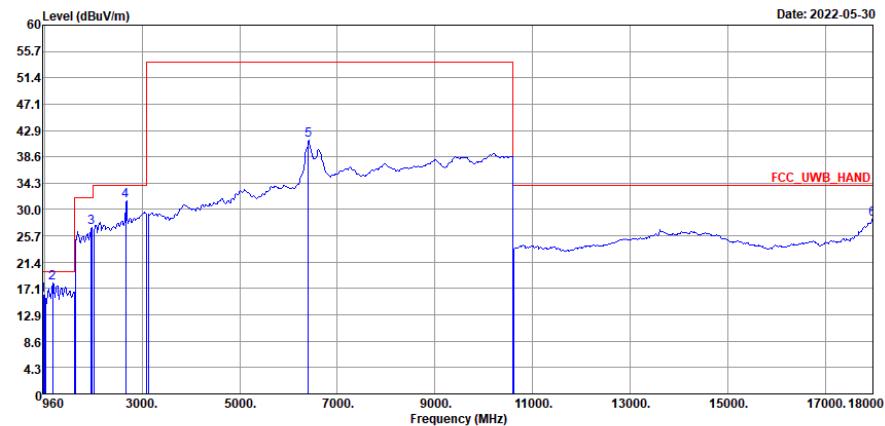
Note 7:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) = Level (dBuV/m)
(Note: For test item below 1GHz, Aux = Filter loss; Aux 2 = Distance extrapolation factor)
(Note: For test item above 1GHz, Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)



CH05 Radiated Emissions (960MHz – 18GHz)

Test Mode	Mode 13: cidx-9_sts-1_packet length-125	Polarization	V
Operating Function	Adapter Mode		
Test Distance	The test distance between the receiving antenna and the EUT is as following: 3m for 1.61 GHz ~ 10.60 GHz frequency range, 1 m for 1GHz ~ 1.61 GHz, and 0.5 m for other frequency ranges.		



Site : 03CH20-HY
 Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
 Project : 102919-05
 EUT : #9
 Channel : CH5
 cidx : 9
 sts_mode : 1
 packet_length : 125
 power_hex : 0x4f4f444f
 PG Delay : 20
 AVG Type : RMS
 Trace : Max Hold

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Aux	Aux2	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	deg	
1	977.52	16.12	-3.81	19.93	28.07	30.48	5.63	32.90	0.40	-15.56	---	Average
2	1161.04	18.01	-1.92	19.93	31.31	25.84	6.08	35.68	-9.54	0.00	---	Average
3	1953.52	27.11	-4.82	31.93	29.11	26.23	7.84	36.07	0.00	0.00	---	Average
4	2665.99	31.46	-2.47	33.93	30.40	28.13	9.17	36.24	0.00	0.00	---	Average
5	6407.50	41.27	-12.66	53.93	29.90	34.63	14.53	37.79	0.00	0.00	---	Average
6	17970.40	28.48	-5.45	33.93	23.71	41.59	24.19	45.45	-15.56	0.00	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting outside GPS Bands: RBW=1MHz; VBW=3MHz.

Note 5: Average emission setting in GPS bands: RBW=1kHz; VBW=3kHz.

Note 6: #5 is fundamental signal.

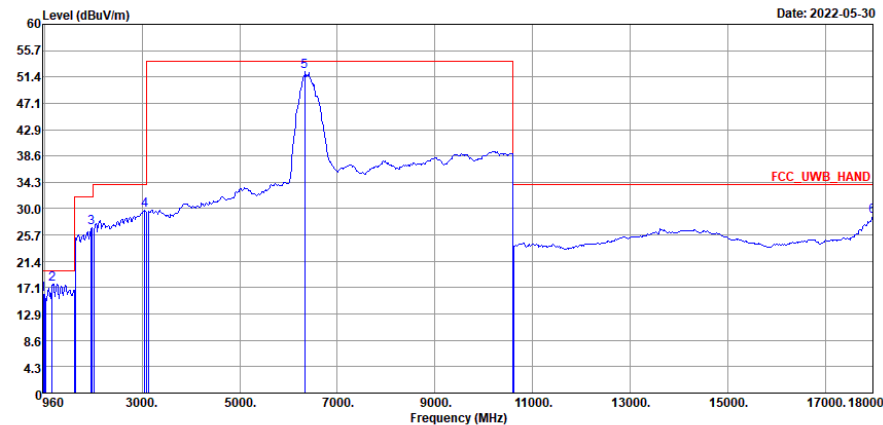
Note 7:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamplifier Factor (dB) + Aux Factor (dB) = Level (dBuV/m)
(Note: For test item below 1GHz, Aux = Filter loss; Aux 2 = Distance extrapolation factor)
(Note: For test item above 1GHz, Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)



CH05 Radiated Emissions (960MHz – 18GHz)

Test Mode	Mode 25: cidx-9_sts-1_packet length-125	Polarization	H
Operating Function	Adapter Mode		
Test Distance	The test distance between the receiving antenna and the EUT is as following: 3m for 1.61 GHz ~ 10.60 GHz frequency range, 1 m for 1GHz ~ 1.61 GHz, and 0.5 m for other frequency ranges.		



Site : 03CH20-HY
 Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
 Project : 102919-05
 EUT : #9
 Channel : CH5
 cidx : 9
 sts_mode : 1
 packet_length : 125
 power_hex : 0xbfbf9cbf
 PG Delay : 26
 AVG Type : RMS
 Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg	
1	978.52	16.10	-3.83	19.93	28.08	30.44	5.63	32.89	0.40	-15.56	---	--- Average
2	1158.60	17.77	-2.16	19.93	31.09	25.83	6.07	35.68	-9.54	0.00	---	--- Average
3	1953.52	26.97	-4.96	31.93	28.97	26.23	7.84	36.07	0.00	0.00	---	--- Average
4	3054.49	29.71	-4.22	33.93	26.39	29.59	9.89	36.16	0.00	0.00	---	--- Average
5	6332.50	52.28	-1.65	53.93	41.25	34.43	14.43	37.83	0.00	0.00	---	--- Average
6	17977.80	28.80	-5.13	33.93	23.97	41.64	24.20	45.45	-15.56	0.00	---	--- Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting outside GPS Bands: RBW=1MHz; VBW=3MHz.

Note 5: Average emission setting in GPS bands: RBW=1kHz; VBW=3kHz.

Note 6: #5 is fundamental signal.

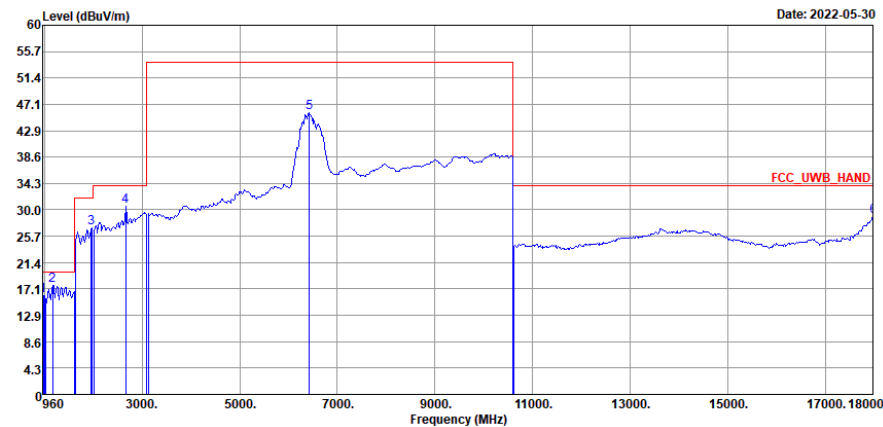
Note 7:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) = Level (dBuV/m)
(Note: For test item below 1GHz, Aux = Filter loss; Aux 2 = Distance extrapolation factor)
(Note: For test item above 1GHz, Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)



CH05 Radiated Emissions (960MHz – 18GHz)

Test Mode	Mode 25: cidx-9_sts-1_packet length-125	Polarization	V
Operating Function	Adapter Mode		
Test Distance	The test distance between the receiving antenna and the EUT is as following: 3m for 1.61 GHz ~ 10.60 GHz frequency range, 1 m for 1GHz ~ 1.61 GHz, and 0.5 m for other frequency ranges.		



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
Project : 102919-05
EUT : #9
Channel : CH5
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
P6 Delay : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Aux	Aux2	A/Pos	T/Pos	Remark
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Factor	Factor	cm	deg	
1	975.36	16.08	-3.85	19.93	27.95	30.56	5.63	32.90	0.40	-15.56	---	Average
2	1162.26	17.79	-2.14	19.93	31.08	25.85	6.08	35.68	-9.54	0.00	---	Average
3	1958.46	27.15	-4.78	31.93	29.10	26.27	7.85	36.07	0.00	0.00	---	Average
4	2661.55	30.66	-3.27	33.93	29.62	28.12	9.16	36.24	0.00	0.00	---	Average
5	6430.00	45.85	-8.08	53.93	34.36	34.72	14.55	37.78	0.00	0.00	---	Average
6	17985.20	28.91	-5.02	33.93	24.03	41.70	24.20	45.46	-15.56	0.00	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting outside GPS Bands: RBW=1MHz; VBW=3MHz.

Note 5: Average emission setting in GPS bands: RBW=1kHz; VBW=3kHz.

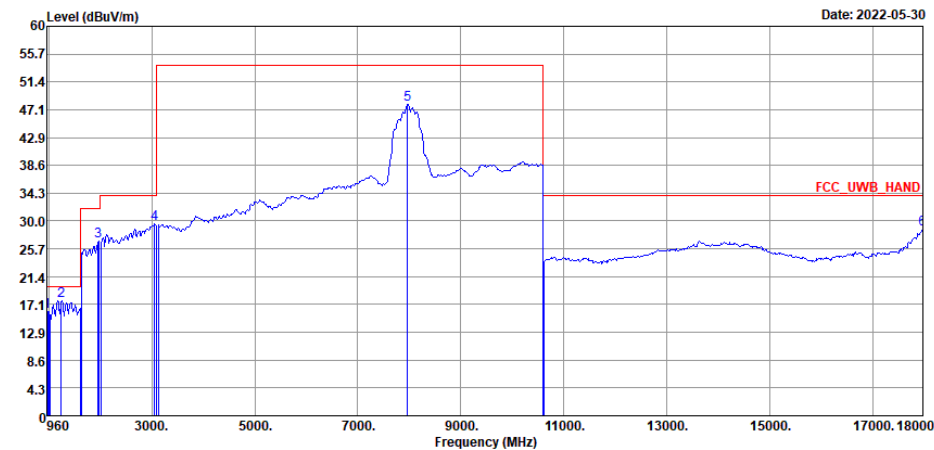
Note 6: #5 is fundamental signal.

Note 7:

- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) = Level (dBuV/m)
(Note: For test item below 1GHz, Aux = Filter loss; Aux 2 = Distance extrapolation factor)
(Note: For test item above 1GHz, Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

**CH09 Radiated Emissions (960MHz – 18GHz)**

Test Mode	Mode 46: cidx-12_sts-1_packet length-125	Polarization	H
Operating Function	Adapter Mode		
Test Distance	The test distance between the receiving antenna and the EUT is as following: 3m for 1.61 GHz ~ 10.60 GHz frequency range, 1 m for 1GHz ~ 1.61 GHz, and 0.5 m for other frequency ranges.		



Site : 03CH20-HY
Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 HORIZONTAL
Project : 1O2919-05
EUT : #9
Channel : CH9
cidx : 12
sts_mode : 1
packet_length : 125
power_hex : 0xfefec0fe
PG Delay : 26

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	978.40	16.11	-3.82	19.93	28.08	30.45	5.63	32.89	0.40	-15.56	---	---	Average
2	1242.17	17.66	-2.27	19.93	30.71	25.92	6.27	35.70	-9.54	0.00	---	---	Average
3	1958.84	26.97	-4.96	31.93	28.92	26.27	7.85	36.07	0.00	0.00	---	---	Average
4	3047.83	29.57	-4.36	33.93	26.25	29.59	9.88	36.15	0.00	0.00	---	---	Average
5	7967.50	48.00	-5.93	53.93	33.87	37.10	16.16	39.13	0.00	0.00	---	---	Average
6	17970.40	28.69	-5.24	33.93	23.92	41.59	24.19	45.45	-15.56	0.00	---	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting outside GPS Bands: RBW=1MHz; VBW=3MHz.

Note 5: Average emission setting in GPS bands: RBW=1kHz; VBW=3kHz.

Note 6: #5 is fundamental signal.

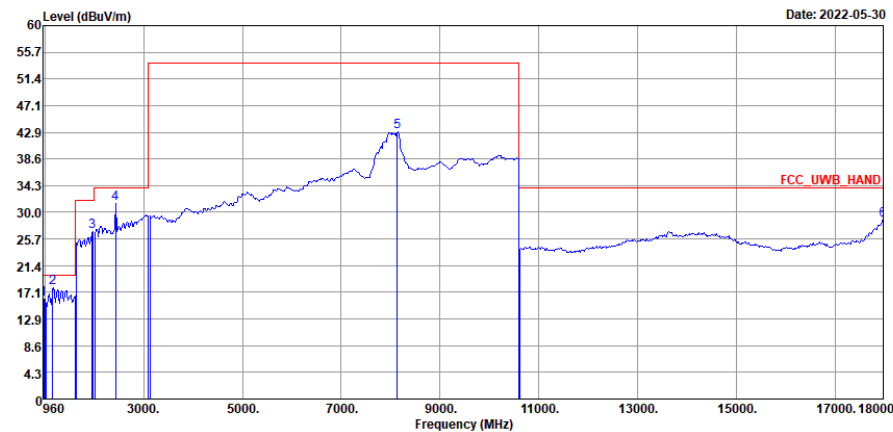
Note 7:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) = Level (dBuV/m)
(Note: For test item below 1GHz, Aux = Filter loss; Aux 2 = Distance extrapolation factor)
(Note: For test item above 1GHz, Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)



CH 09 Radiated Emissions (960MHz – 18GHz)

Test Mode	Mode 46: cidx-12_sts-1_packet length-125	Polarization	V
Operating Function	Adapter Mode		
Test Distance	The test distance between the receiving antenna and the EUT is as following: 3m for 1.61 GHz ~ 10.60 GHz frequency range, 1 m for 1GHz ~ 1.61 GHz, and 0.5 m for other frequency ranges.		



Site : 03CH20-HY
 Condition : FCC_UWB_HAND 3m 9120D_02294_1110622 VERTICAL
 Project : 1O2919-05
 EUT : #9
 Channel : CH9
 cidx : 12
 sts_mode : 1
 packet_length : 125
 power_hex : 0xfefec0fe
 PG Delay : 26
 AVG Type : RMS
 Trace : Max Hold

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Aux	Aux2	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg	
1	972.76	16.08	-3.85	19.93	27.92	30.61	5.63	32.91	0.39	-15.56	---	Average
2	1157.99	17.81	-2.12	19.93	31.13	25.83	6.07	35.68	-9.54	0.00	---	Average
3	1953.52	26.87	-5.06	31.93	28.87	26.23	7.84	36.07	0.00	0.00	---	Average
4	2428.45	31.41	-2.52	33.93	31.57	27.41	8.72	36.29	0.00	0.00	---	Average
5	8140.00	43.02	-10.91	53.93	29.25	37.10	16.00	39.33	0.00	0.00	---	Average
6	17970.40	28.82	-5.11	33.93	24.05	41.59	24.19	45.45	-15.56	0.00	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting outside GPS Bands: RBW=1MHz; VBW=3MHz.

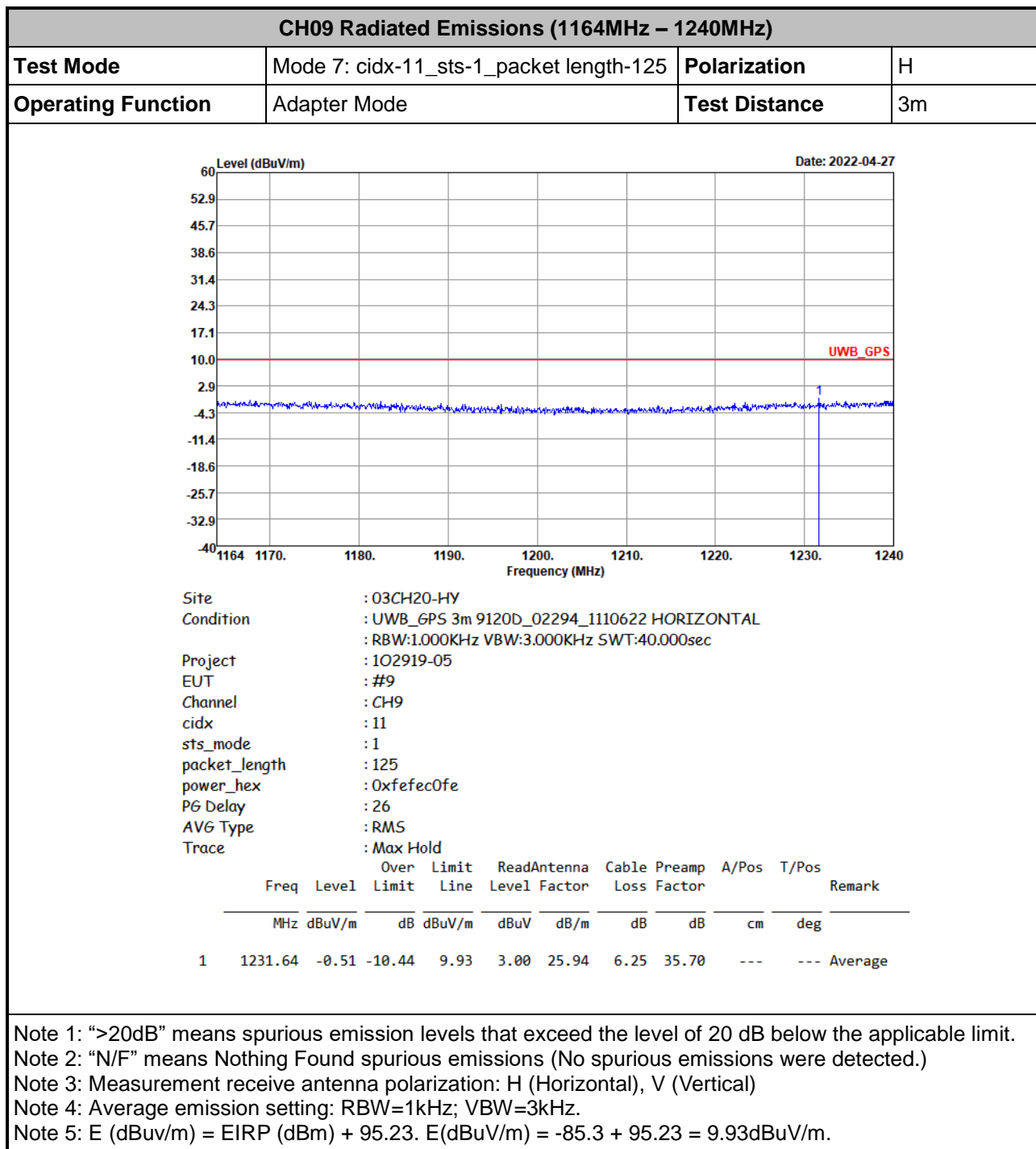
Note 5: Average emission setting in GPS bands: RBW=1kHz; VBW=3kHz.

Note 6: #5 is fundamental signal.

Note 7:

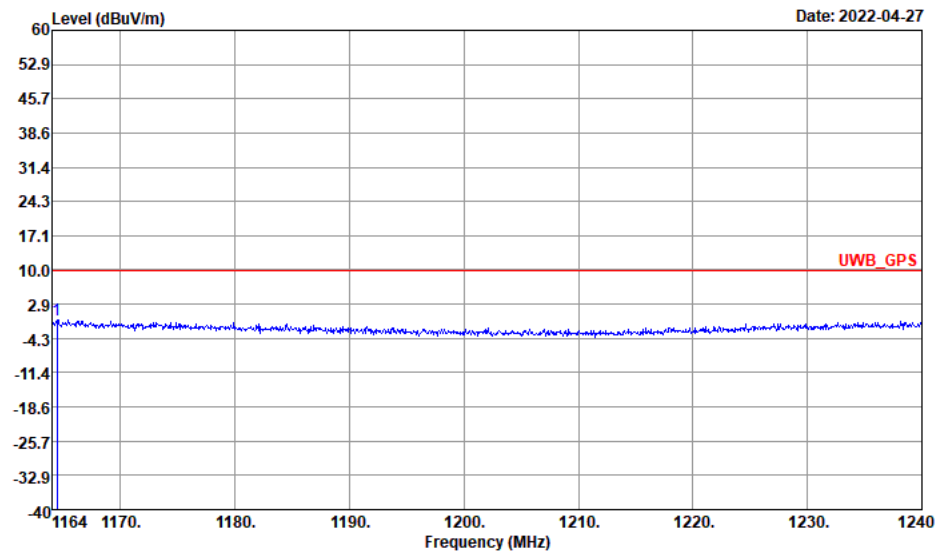
- Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux Factor (dB) = Level (dBuV/m)
(Note: For test item below 1GHz, Aux = Filter loss; Aux 2 = Distance extrapolation factor)
(Note: For test item above 1GHz, Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

3.5.9 Radiated Emissions (1164MHz – 1240MHz)



**CH09 Radiated Emissions (1164MHz – 1240MHz)**

Test Mode	Mode 7: cidx-11_sts-1_packet length-125	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 VERTICAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Project : 1O2919-05
EUT : #9
Channel : CH9
cidx : 11
sts_mode : 1
packet_length : 125
power_hex : 0xfefec0fe
PG Delay : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1164.46	-0.31	-10.24	9.93	3.42	25.86	6.09	35.68	---	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: E (dBuV/m) = EIRP (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.2 = 9.93dBuV/m.



CH05 Radiated Emissions (1164MHz – 1240MHz)											
Test Mode		Mode 13: cidx-9_sts-1_packet length-125					Polarization		H		
Operating Function		Adapter Mode					Test Distance		3m		
<div><div><div><div>Level (dBuV/m)</div><div><div>60</div><div>52.9</div><div>45.7</div><div>38.6</div><div>31.4</div><div>24.3</div><div>17.1</div><div>10.0</div><div>2.9</div><div>-4.3</div><div>-11.4</div><div>-18.6</div><div>-25.7</div><div>-32.9</div><div>-40</div></div></div><div><div>1164</div><div>1170.</div><div>1180.</div><div>1190.</div><div>1200.</div><div>1210.</div><div>1220.</div><div>1230.</div><div>1240</div></div><div>Frequency (MHz)</div></div><div><div>Date: 2022-04-27</div><div>UWB_GPS</div></div></div>											
Site		: 03CH20-HY									
Condition		: UWB_GPS 3m 9120D_02294_1110622 HORIZONTAL									
		: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec									
Project		: 1O2919-05									
EUT		: #9									
Channel		: CH5									
cidx		: 9									
sts_mode		: 1									
packet_length		: 125									
power_hex		: 0x4f4f444f									
PG Dealy		: 20									
AVG Type		: RMS									
Trace		: Max Hold									
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1238.94	-0.77	-10.70	9.93	2.74	25.92	6.27	35.70	---	---	Average

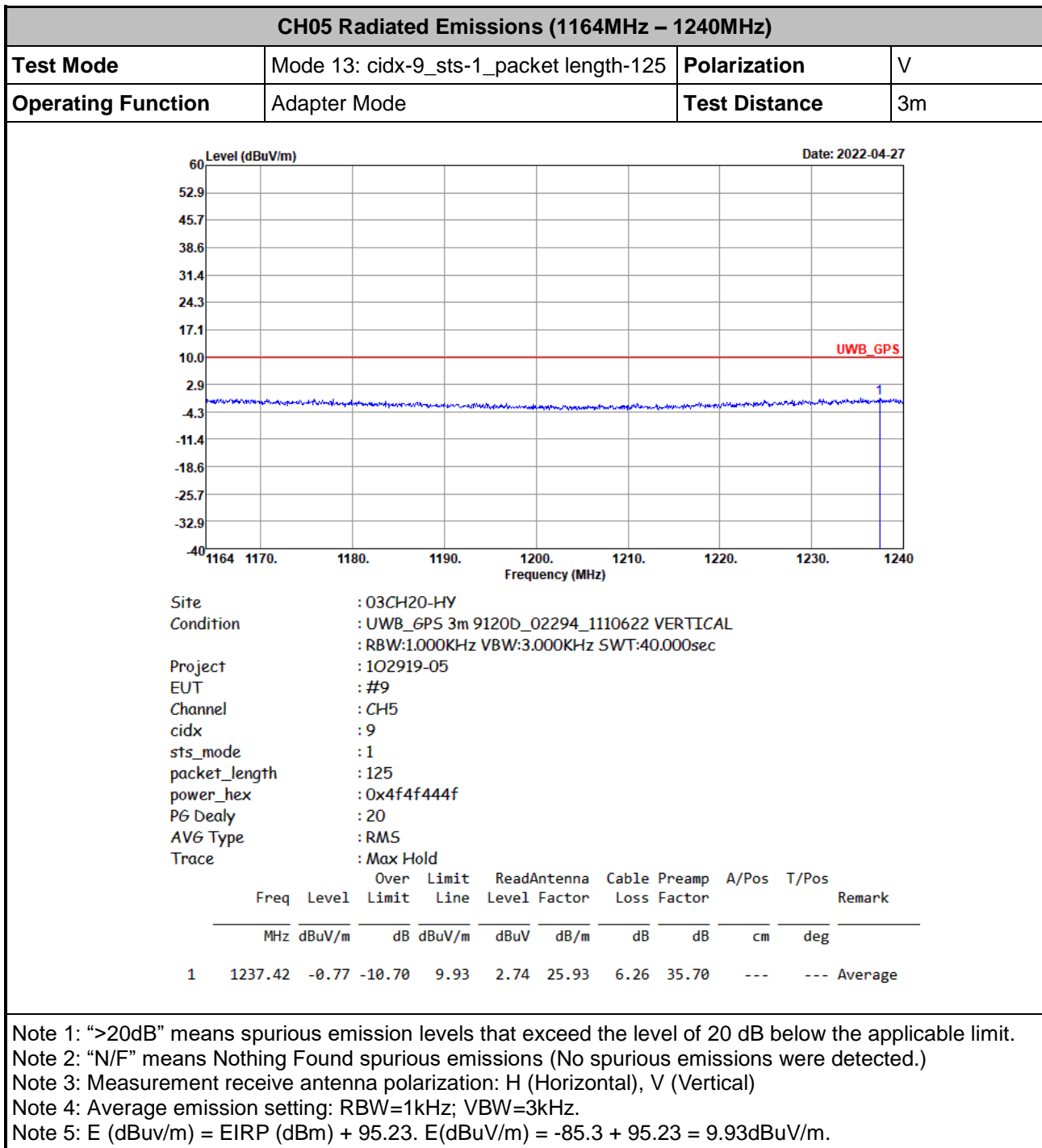
Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

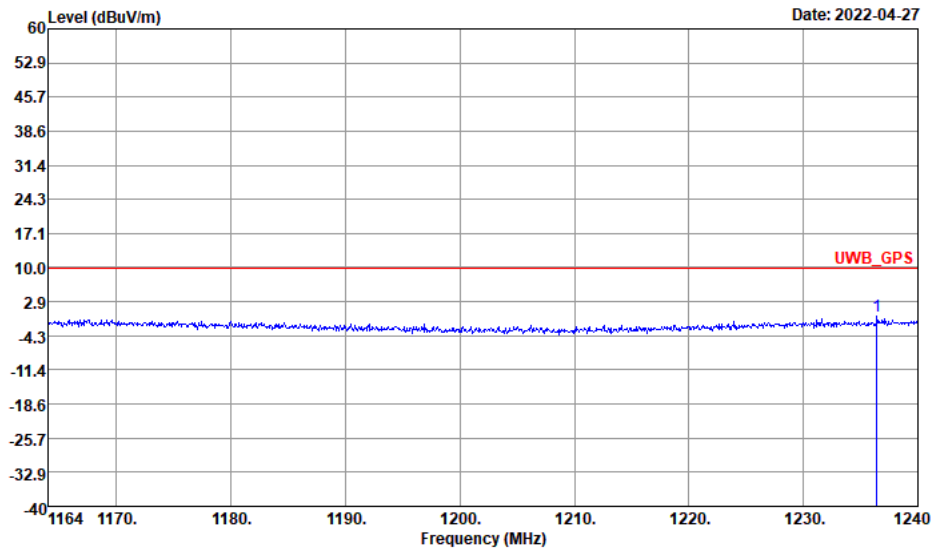
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: E (dBuV/m) = EIRP (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.2 = 9.93dBuV/m.



**CH05 Radiated Emissions (1164MHz – 1240MHz)**

Test Mode	Mode 25: cidx-9_sts-1_packet length-125	Polarization	H
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 HORIZONTAL
RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Project : 1O2919-05
EUT : #9
Channel : CH5
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
PG Dealy : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1236.43	-0.10	-10.03	9.93	3.41	25.93	6.26	35.70	---	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

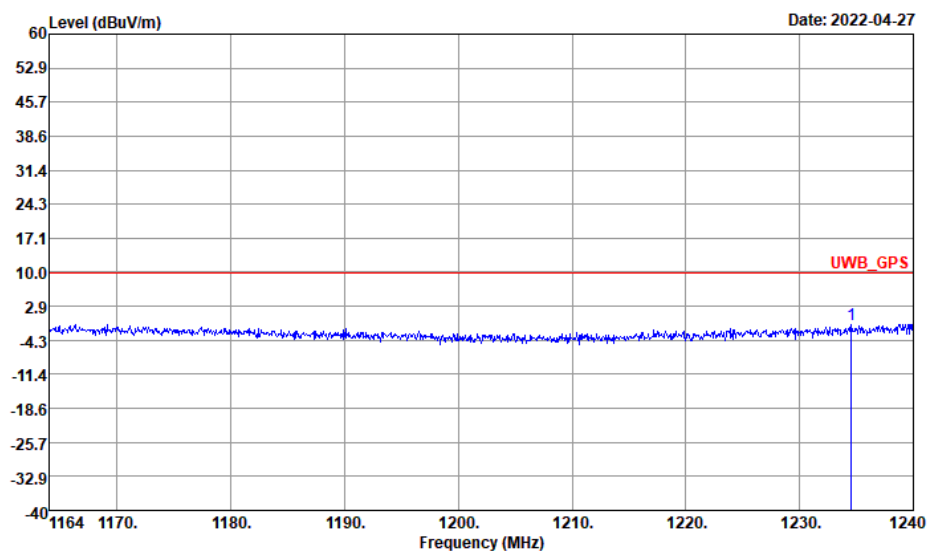
Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: E (dBuV/m) = EIRP (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.2 = 9.93dBuV/m.



CH05 Radiated Emissions (1164MHz – 1240MHz)

Test Mode	Mode 25: cidx-9_sts-1_packet length-125	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_6PS 3m 9120D_02294_1110622 VERTICAL
RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Project : 1O2919-05
EUT : #9
Channel : CH5
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
PG Dealy : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamplifier	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1234.53	-0.96	-10.89	9.93	2.55	25.93	6.26	35.70	---	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

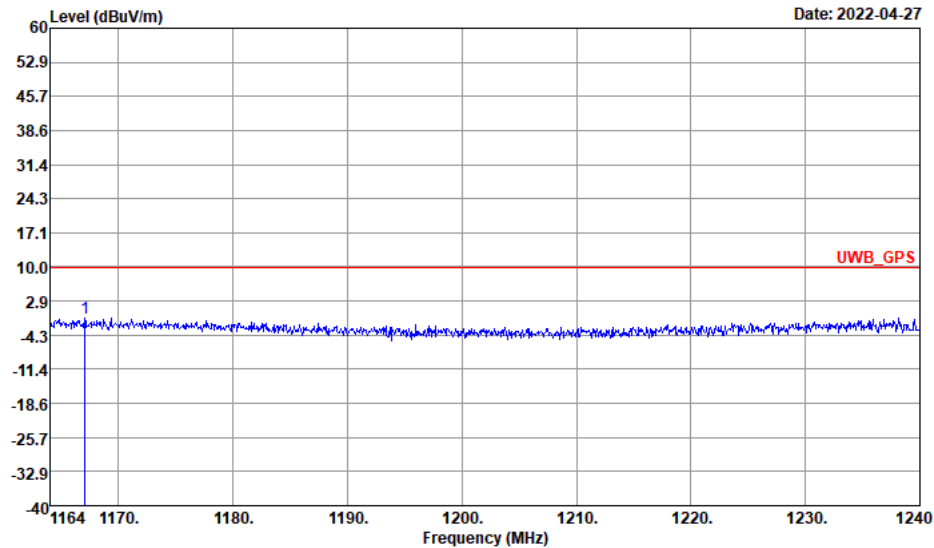
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: E (dBuV/m) = EIRP (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.23 = 9.93dBuV/m.

**CH09 Radiated Emissions (1164MHz – 1240MHz)**

Test Mode	Mode 46: cidx-12_sts-1_packet length-125	Polarization	H
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 HORIZONTAL
RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Project : 1O2919-05
EUT : #9
Channel : CH9
cidx : 12
sts_mode : 1
packet_length : 125
power_hex : 0xfefec0fe
PG Delay : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1167.04	-0.60	-10.53	9.93	3.12	25.87	6.09	35.68	---	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

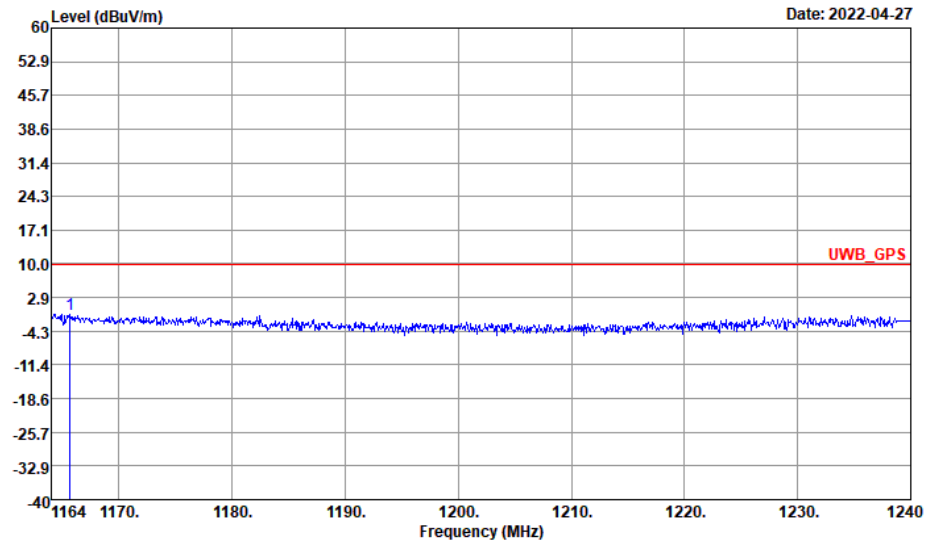
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: E (dBuV/m) = EIRP (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.2 = 9.93dBuV/m.

**CH09 Radiated Emissions (1164MHz – 1240MHz)**

Test Mode	Mode 46: cidx-12_sts-1_packet length-125	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 VERTICAL
RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Project : 1O2919-05
EUT : #9
Channel : CH9
cidx : 12
sts_mode : 1
packet_length : 125
power_hex : 0xfefec0fe
PG Delay : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1165.67	-0.73	-10.66	9.93	3.00	25.86	6.09	35.68	---	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

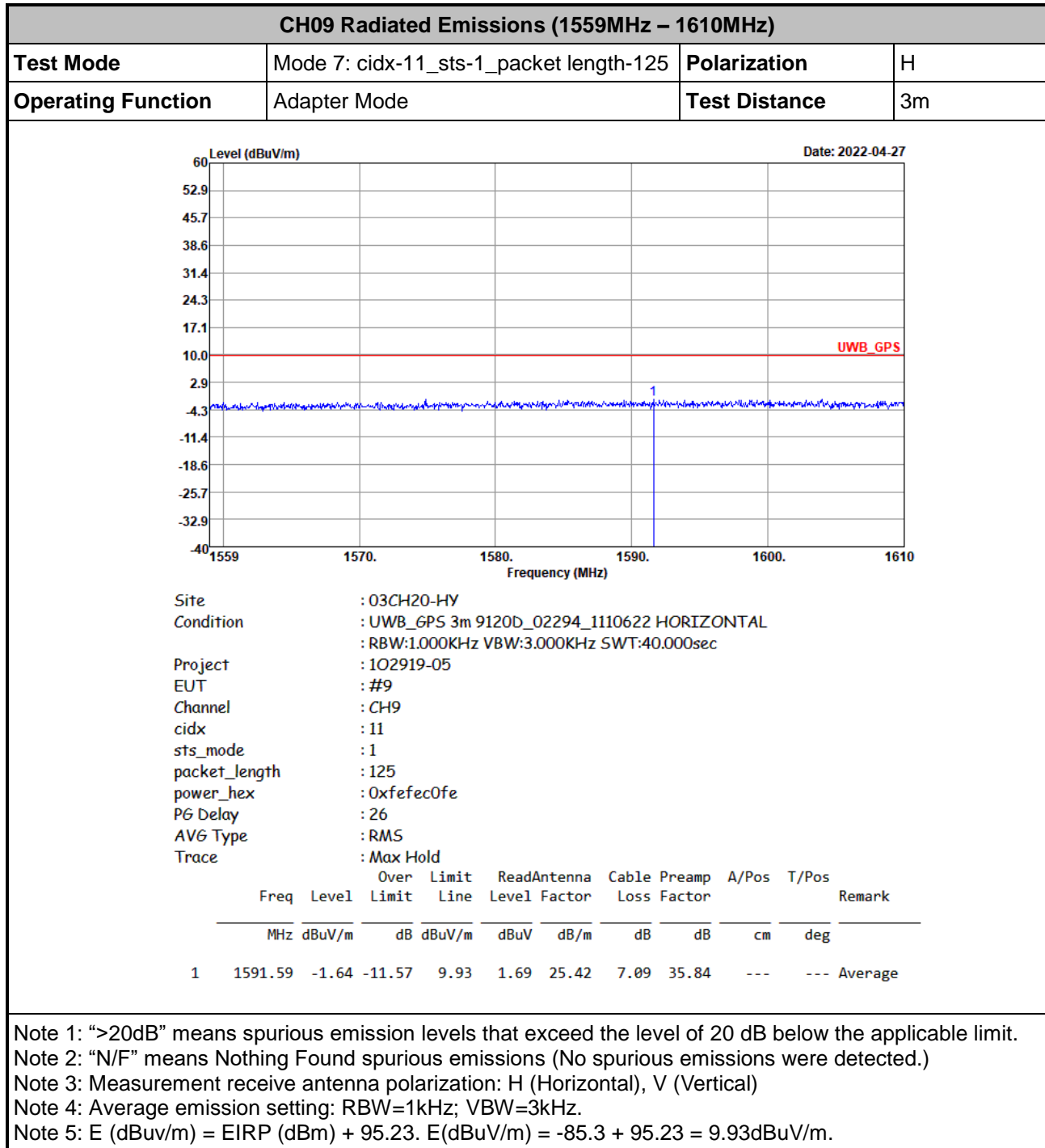
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: E (dBuV/m) = EIRP (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.23 = 9.93dBuV/m.

3.5.10 Radiated Emissions (1559MHz – 1610MHz)

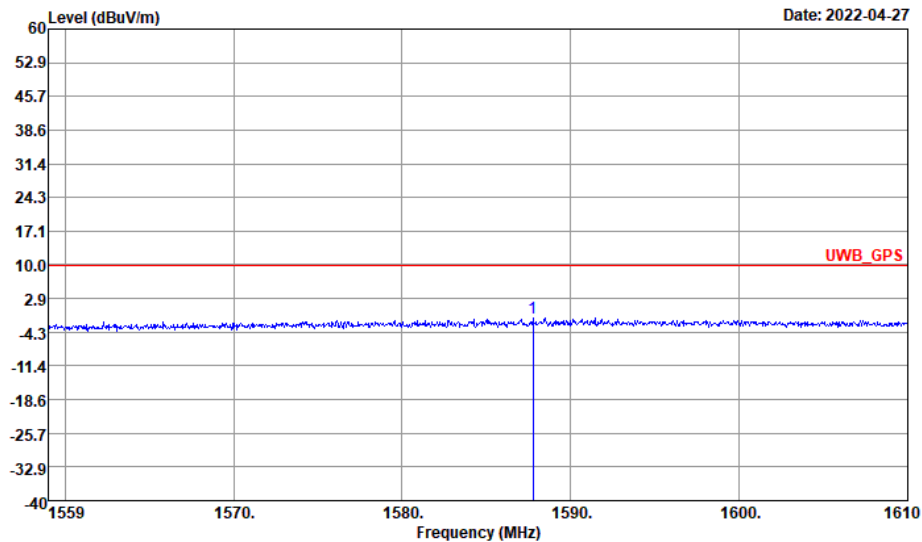




CH09 Radiated Emissions (1559MHz – 1610MHz)										
Test Mode		Mode 7: cidx-11_sts-1_packet length-125					Polarization		V	
Operating Function		Adapter Mode					Test Distance		3m	
<div><div><div><div>Level (dBuV/m)</div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div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**CH05 Radiated Emissions (1559MHz – 1610MHz)**

Test Mode	Mode 13: cidx-9_sts-1_packet length-125	Polarization	H
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 HORIZONTAL
RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Project : 1O2919-05
EUT : #9
Channel : CH5
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0x4f4f444f
PG Dealy : 20
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1587.76	-1.24	-11.17	9.93	2.10	25.42	7.08	35.84	---	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: E (dBuV/m) = EIRP (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.23 = 9.93dBuV/m.



CH05 Radiated Emissions (1559MHz – 1610MHz)											
Test Mode		Mode 13: cidx-9_sts-1_packet length-125					Polarization		V		
Operating Function		Adapter Mode					Test Distance		3m		
<div><div><div><div>Level (dBuV/m)</div><div><div>60</div><div>52.9</div><div>45.7</div><div>38.6</div><div>31.4</div><div>24.3</div><div>17.1</div><div>10.0</div><div>2.9</div><div>-4.3</div><div>-11.4</div><div>-18.6</div><div>-25.7</div><div>-32.9</div><div>-40</div></div></div><div><div>Frequency (MHz)</div><div><div>1559</div><div>1570.</div><div>1580.</div><div>1590.</div><div>1600.</div><div>1610</div></div></div></div><div><div>Date: 2022-04-27</div><div>UWB_GPS</div></div></div>											
Site		: 03CH20-HY									
Condition		: UWB_GPS 3m 9120D_02294_1110622 VERTICAL									
		: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec									
Project		: 1O2919-05									
EUT		: #9									
Channel		: CH5									
cidx		: 9									
sts_mode		: 1									
packet_length		: 125									
power_hex		: 0x4f4f444f									
PG Dealy		: 20									
AVG Type		: RMS									
Trace		: Max Hold									
	Freq	Level	Over Limit	Limit Line	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark		
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1609.90	0.71	-9.22	9.93	4.07	25.36	7.13	35.85	---	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

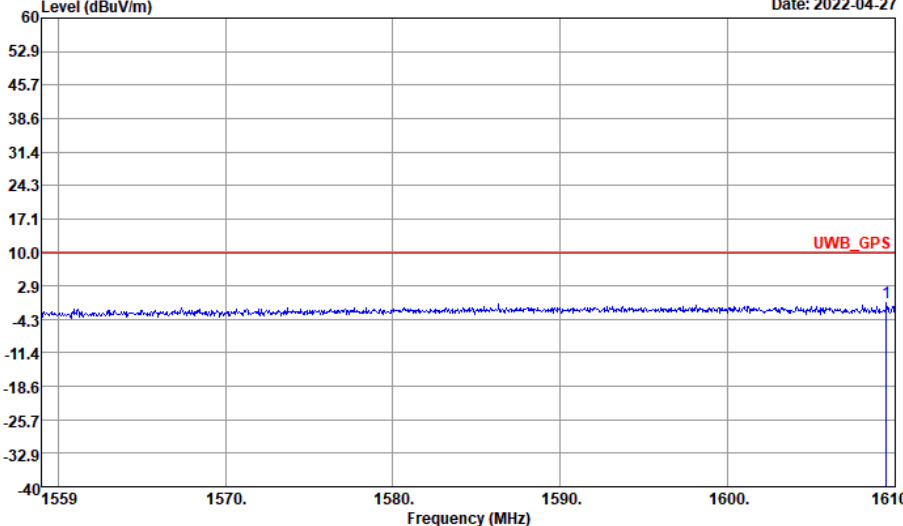
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

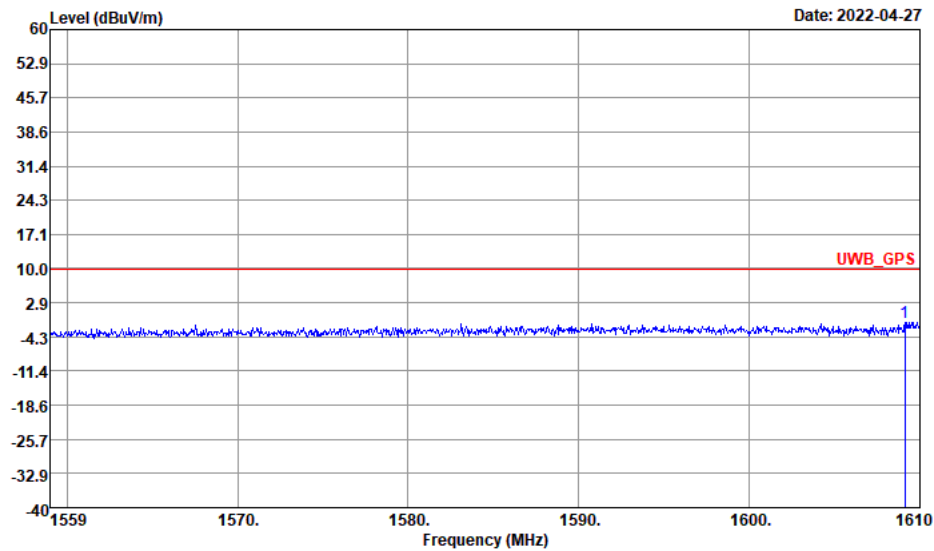
Note 5: E (dBuv/m) = EIRP (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.23 = 9.93dBuV/m.



CH05 Radiated Emissions (1559MHz – 1610MHz)																																												
Test Mode	Mode 25: cidx-9_sts-1_packet length-125						Polarization		H																																			
Operating Function	Adapter Mode						Test Distance		3m																																			
<div><div><div>Level (dBuV/m)</div><div><div>Date: 2022-04-27</div></div></div><div><div>Site : 03CH20-HY</div><div>Condition : UWB_GPS 3m 9120D_02294_1110622 HORIZONTAL</div><div>Project : 1O2919-05</div><div>EUT : #9</div><div>Channel : CH5</div><div>cidx : 9</div><div>sts_mode : 1</div><div>packet_length : 125</div><div>power_hex : 0xbfbf9cbf</div><div>PG Dealy : 26</div><div>AVG Type : RMS</div><div>Trace : Max Hold</div></div><table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit Line</th><th>ReadAntenna Level</th><th>Cable Factor</th><th>Preamp Loss</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>1609.49</td><td>-0.86</td><td>-10.79</td><td>9.93</td><td>2.50</td><td>25.36</td><td>7.13</td><td>35.85</td><td>---</td><td>---</td></tr></table></div>													Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	1609.49	-0.86	-10.79	9.93	2.50	25.36	7.13	35.85	---	---
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark																																		
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																		
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<div>Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.</div> <div>Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)</div> <div>Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)</div> <div>Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.</div> <div>Note 5: E (dBuv/m) = EIRP (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.23 = 9.93dBuV/m.</div>																																												

**CH05 Radiated Emissions (1559MHz – 1610MHz)**

Test Mode	Mode 25: cidx-9_sts-1_packet length-125	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 VERTICAL
: RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Project : 1O2919-05
EUT : #9
Channel : CH5
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
PG Dealy : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Preamp Loss	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1609.13	-1.36	-11.29	9.93	2.00	25.36	7.13	35.85	---	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

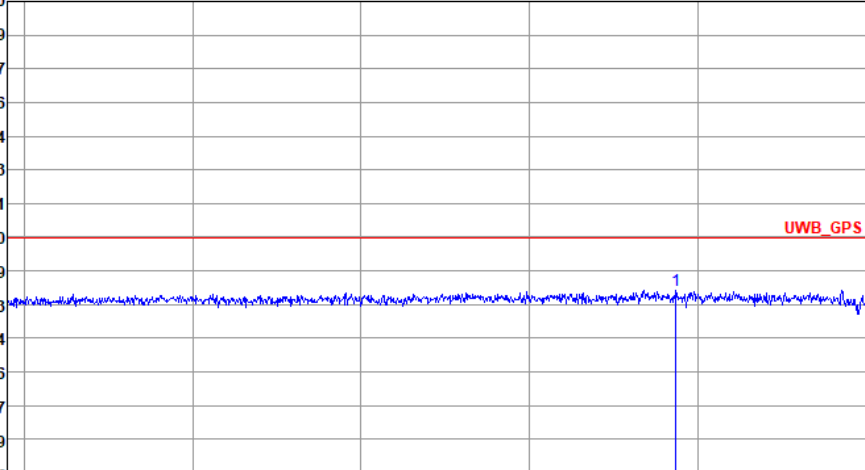
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

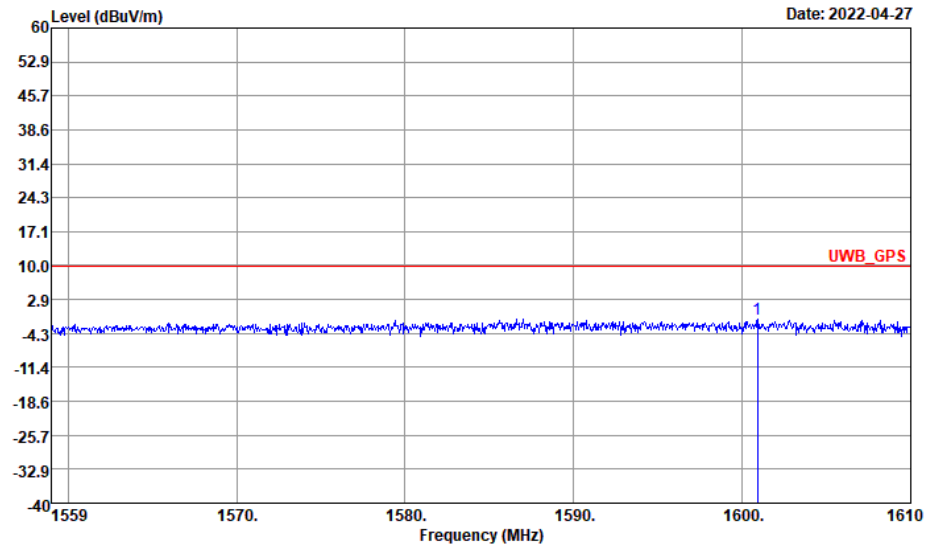
Note 5: E (dBuV/m) = EIRP (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.23 = 9.93dBuV/m.



CH09 Radiated Emissions (1559MHz – 1610MHz)																																												
Test Mode	Mode 46: cidx-12_sts-1_packet length-125						Polarization		H																																			
Operating Function	Adapter Mode						Test Distance		3m																																			
<div><div><div><div>Level (dBuV/m)</div><div><div>60</div><div>52.9</div><div>45.7</div><div>38.6</div><div>31.4</div><div>24.3</div><div>17.1</div><div>10.0</div><div>2.9</div><div>-4.3</div><div>-11.4</div><div>-18.6</div><div>-25.7</div><div>-32.9</div><div>-40</div></div></div><div><div>Frequency (MHz)</div><div><div>1559</div><div>1570</div><div>1580</div><div>1590</div><div>1600</div><div>1610</div></div></div></div><div><div>Date: 2022-04-27</div><div></div></div><div><div>Site : 03CH20-HY</div><div>Condition : UWB_GPS 3m 9120D_02294_1110622 HORIZONTAL</div><div>Project : 1O2919-05</div><div>EUT : #9</div><div>Channel : CH9</div><div>cidx : 12</div><div>sts_mode : 1</div><div>packet_length : 125</div><div>power_hex : 0xfefec0fe</div><div>P6 Delay : 26</div><div>AVG Type : RMS</div><div>Trace : Max Hold</div></div><table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th></th><th>dB</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>1598.68</td><td>-1.26</td><td>-11.19</td><td>9.93</td><td>2.07</td><td>25.40</td><td>7.11</td><td>35.84</td><td>---</td><td>---</td></tr></table><div><div>Average</div></div></div>													Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark		MHz	dBuV/m		dB	Level	Factor	Loss	Factor	cm	deg	1	1598.68	-1.26	-11.19	9.93	2.07	25.40	7.11	35.84	---	---
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark																																		
	MHz	dBuV/m		dB	Level	Factor	Loss	Factor	cm	deg																																		
1	1598.68	-1.26	-11.19	9.93	2.07	25.40	7.11	35.84	---	---																																		
<div><div>Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.</div><div>Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)</div><div>Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)</div><div>Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.</div><div>Note 5: E (dBuV/m) = EIRP (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.23 = 9.93dBuV/m.</div></div>																																												

**CH09 Radiated Emissions (1559MHz – 1610MHz)**

Test Mode	Mode 46: cidx-12_sts-1_packet length-125	Polarization	V
Operating Function	Adapter Mode	Test Distance	3m



Site : 03CH20-HY
Condition : UWB_GPS 3m 9120D_02294_1110622 VERTICAL
RBW:1.000KHz VBW:3.000KHz SWT:40.000sec
Project : 1O2919-05
EUT : #9
Channel : CH9
cidx : 12
sts_mode : 1
packet_length : 125
power_hex : 0xfefec0fe
PG Delay : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m		dB	dBuV	dB/m	dB	dB	cm	deg	
1	1600.92	-1.17	-11.10	9.93	2.16	25.40	7.11	35.84	---	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

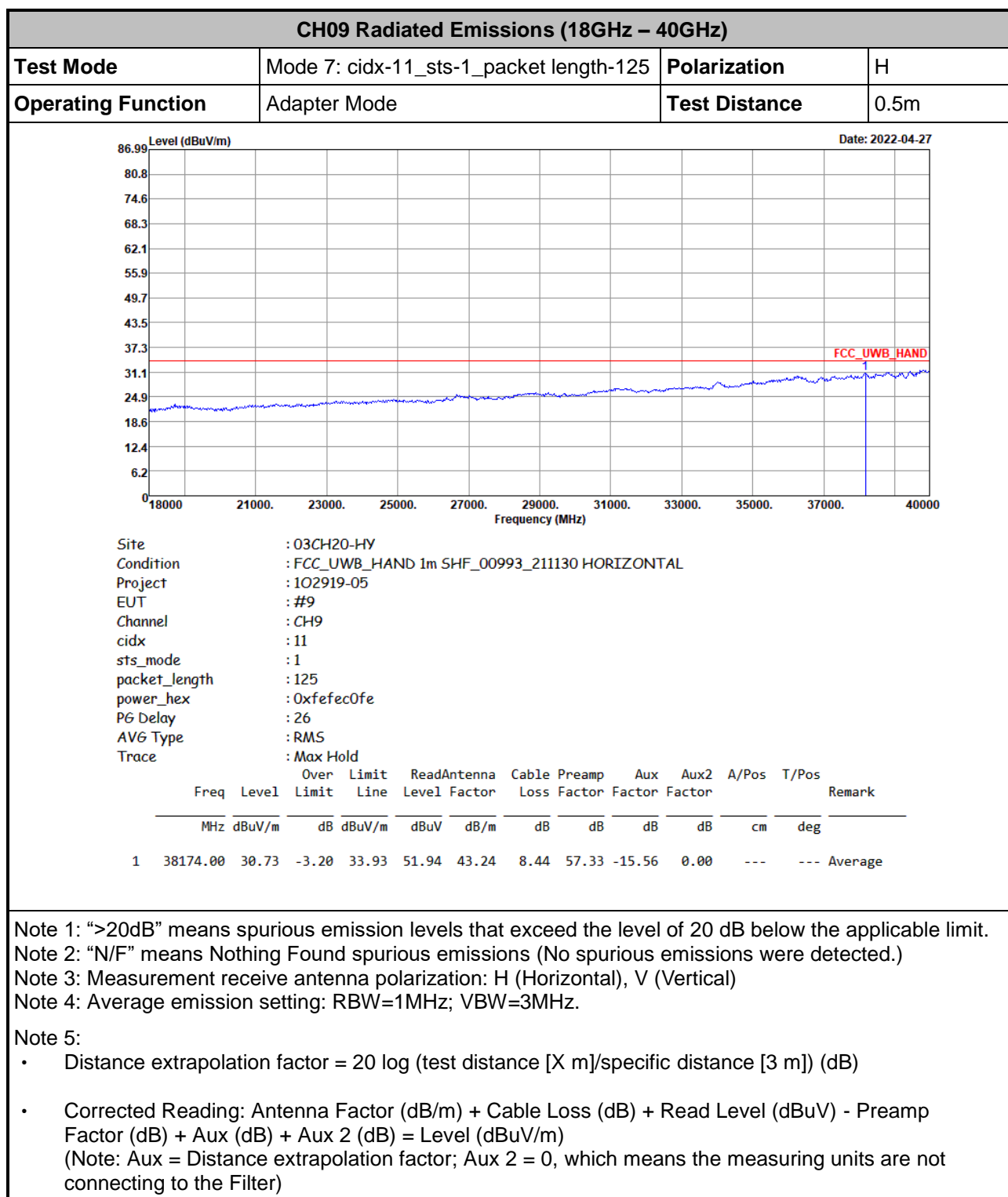
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting: RBW=1kHz; VBW=3kHz.

Note 5: E (dBuV/m) = EIRP (dBm) + 95.23. E(dBuV/m) = -85.3 + 95.23 = 9.93dBuV/m.

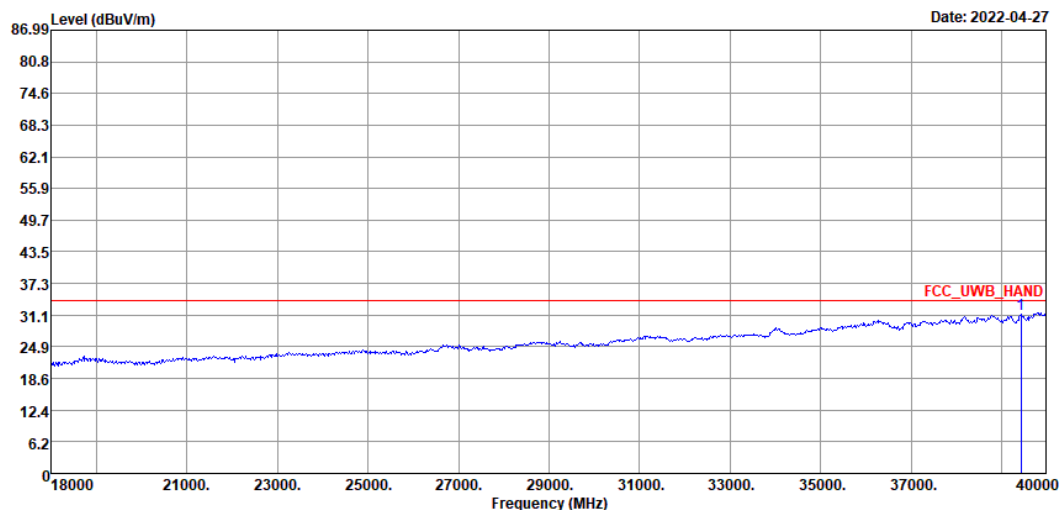


3.5.11 Radiated Emissions (18GHz – 40GHz)



CH09 Radiated Emissions (18GHz – 40GHz)

Test Mode	Mode 7: cidx-11_sts-1_packet length-125	Polarization	V
Operating Function	Adapter Mode	Test Distance	0.5m



Site : 03CH20-HY
 Condition : FCC_UWB_HAND 1m SHF_00993_211130 VERTICAL
 Project : 1O2919-05
 EUT : #9
 Channel : CH9
 cidx : 11
 sts_mode : 1
 packet_length : 125
 power_hex : 0xfefec0fe
 PG Delay : 26
 AVG Type : RMS
 Trace : Max Hold

			Over	Limit	ReadAntenna	Cable	Preamp	Aux	Aux2	A/Pos	T/Pos	
Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Factor	Factor			Remark
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	39428.00	31.23	-2.70	33.93	50.17	44.64	8.34	56.36	-15.56	0.00	---	--- Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting: RBW=1MHz; VBW=3MHz.

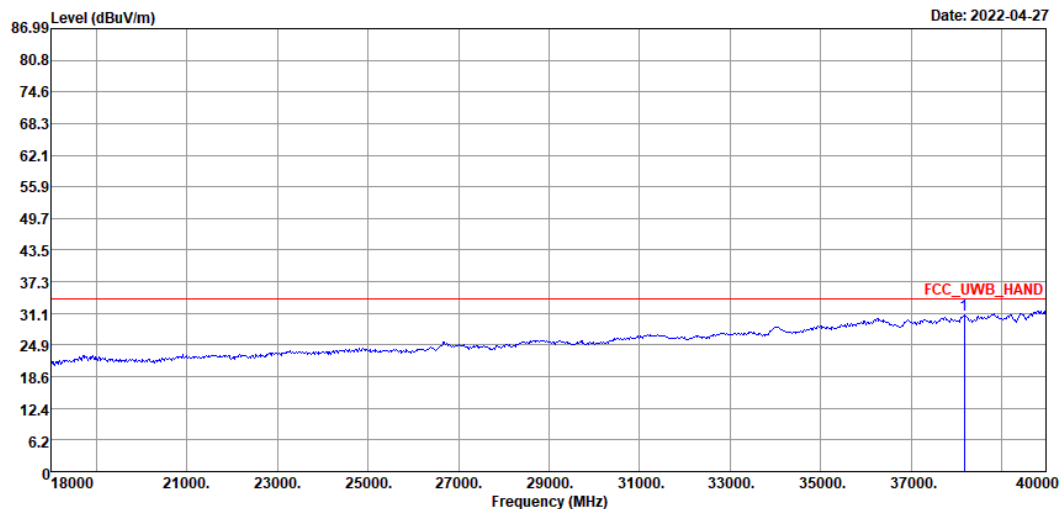
Note 5:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux (dB) + Aux 2 (dB) = Level (dBuV/m)
(Note: Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)



CH05 Radiated Emissions (18GHz – 40GHz)

Test Mode	Mode 13: cidx-9_sts-1_packet length-125	Polarization	H
Operating Function	Adapter Mode	Test Distance	0.5m



Site : 03CH20-HY
Condition : FCC_UWB_HAND 1m SHF_00993_211130 HORIZONTAL
Project : 1O2919-05
EUT : #9
Channel : CH5
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0x4f4f444f
PG Delay : 20
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	38174.00	30.86	-3.07	33.93	52.07	43.24	8.44	57.33	-15.56	0.00	---	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting: RBW=1MHz; VBW=3MHz.

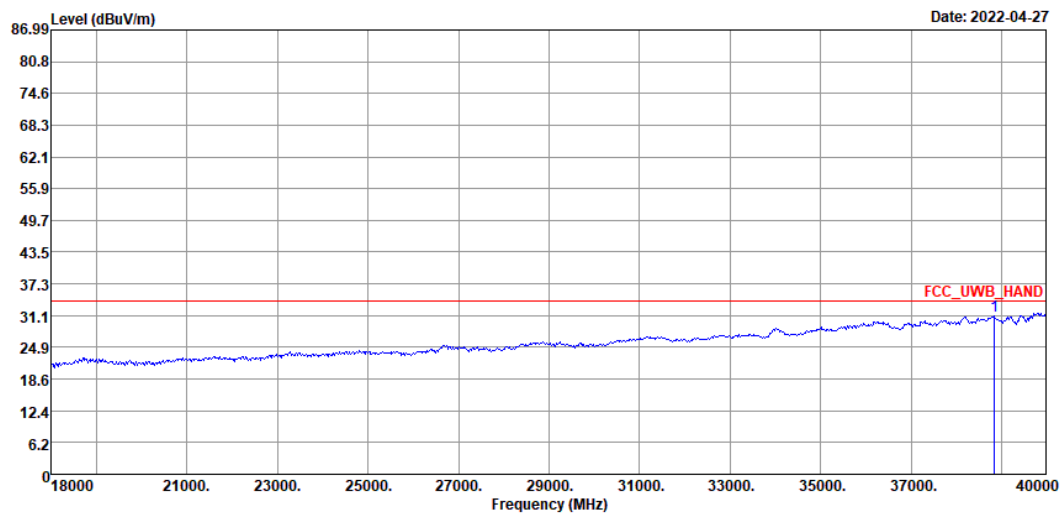
Note 5:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux (dB) + Aux 2 (dB) = Level (dBuV/m)
(Note: Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)



CH05 Radiated Emissions (18GHz – 40GHz)

Test Mode	Mode 13: cidx-9_sts-1_packet length-125	Polarization	V
Operating Function	Adapter Mode	Test Distance	0.5m



Site : 03CH20-HY
Condition : FCC_UWB_HAND 1m SHF_00993_211130 VERTICAL
Project : 102919-05
EUT : #9
Channel : CH5
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0x4f4f444f
PG Delay : 20
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	38834.00	30.91	-3.02	33.93	51.85	43.13	8.29	56.80	-15.56	0.00	---	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

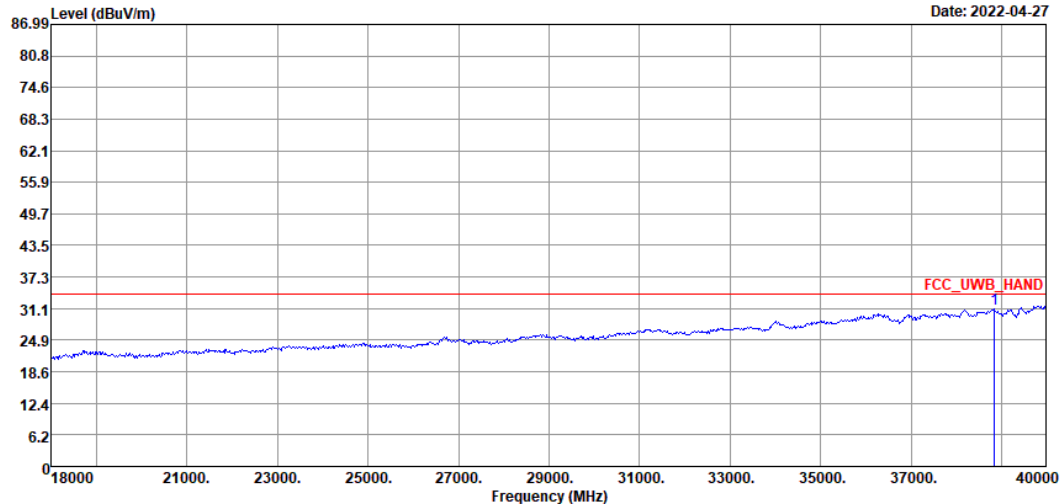
Note 4: Average emission setting: RBW=1MHz; VBW=3MHz.

Note 5:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux (dB) + Aux 2 (dB) = Level (dBuV/m)
(Note: Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

**CH05 Radiated Emissions (18GHz – 40GHz)**

Test Mode	Mode 25: cidx-9_sts-1_packet length-125	Polarization	H
Operating Function	Adapter Mode	Test Distance	0.5m



Site : 03CH20-HY
Condition : FCC_UWB_HAND 1m SHF_00993_211130 HORIZONTAL
Project : 1O2919-05
EUT : #9
Channel : CH5
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	38834.00	30.94	-2.99	33.93	51.88	43.13	8.29	56.80	-15.56	0.00	---	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting: RBW=1MHz; VBW=3MHz.

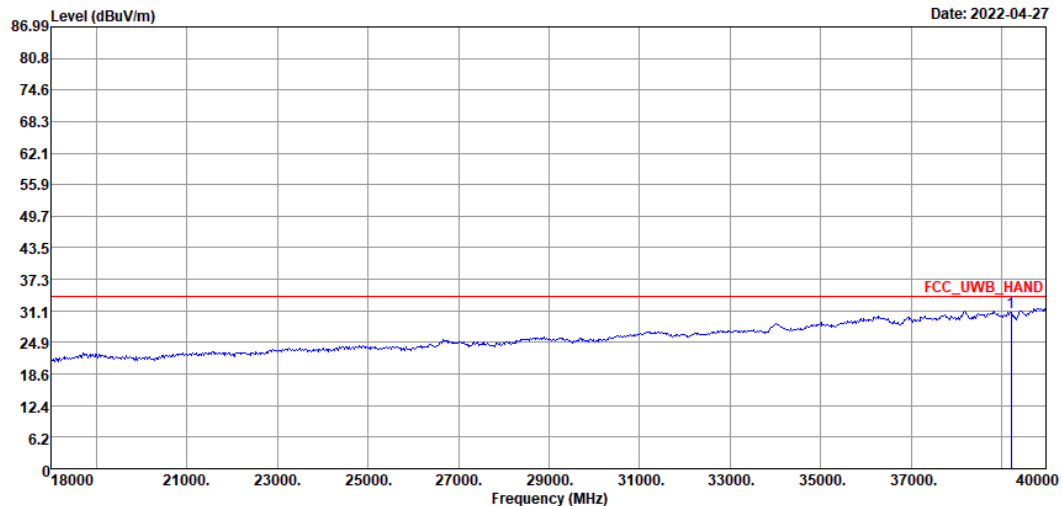
Note 5:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux (dB) + Aux 2 (dB) = Level (dBuV/m)
(Note: Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)



CH05 Radiated Emissions (18GHz – 40GHz)

Test Mode	Mode 25: cidx-9_sts-1_packet length-125	Polarization	V
Operating Function	Adapter Mode	Test Distance	0.5m



Site : 03CH20-HY
Condition : FCC_UWB_HAND 1m SHF_00993_211130 VERTICAL
Project : 1O2919-05
EUT : #9
Channel : CH5
cidx : 9
sts_mode : 1
packet_length : 125
power_hex : 0xbfbf9cbf
PG Delay : 26
AVG Type : RMS
Trace : Max Hold

Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg
1	39208.00	30.87	-3.06	33.93	50.34	44.32	8.30	56.53	-15.56	0.00	--- Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting: RBW=1MHz; VBW=3MHz.

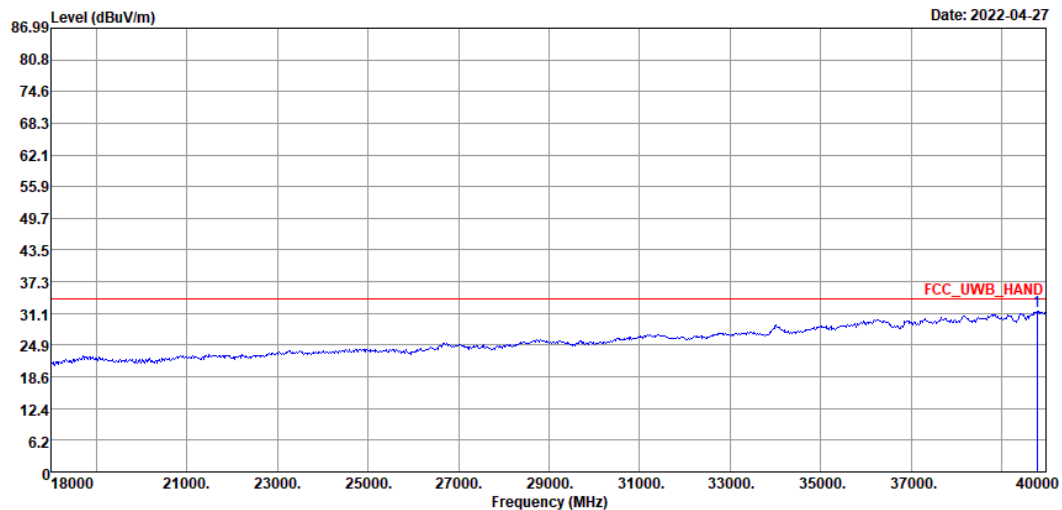
Note 5:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux (dB) + Aux 2 (dB) = Level (dBuV/m)
(Note: Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)



CH09 Radiated Emissions (18GHz – 40GHz)

Test Mode	Mode 46: cidx-12_sts-1_packet length-125	Polarization	H
Operating Function	Adapter Mode	Test Distance	0.5m



Site : 03CH20-HY
Condition : FCC_UWB_HAND 1m SHF_00993_211130 HORIZONTAL
Project : 1O2919-05
EUT : #9
Channel : CH9
cidx : 12
sts_mode : 1
packet_length : 125
power_hex : 0xfefec0fe
PG Delay : 26
AVG Type : RMS
Trace : Max Hold

Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Aux Factor	Aux2 Factor	A/Pos	T/Pos	Remark
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg
1	39780.00	31.48	-2.45	33.93	49.93	44.50	8.63	56.02	-15.56	0.00	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

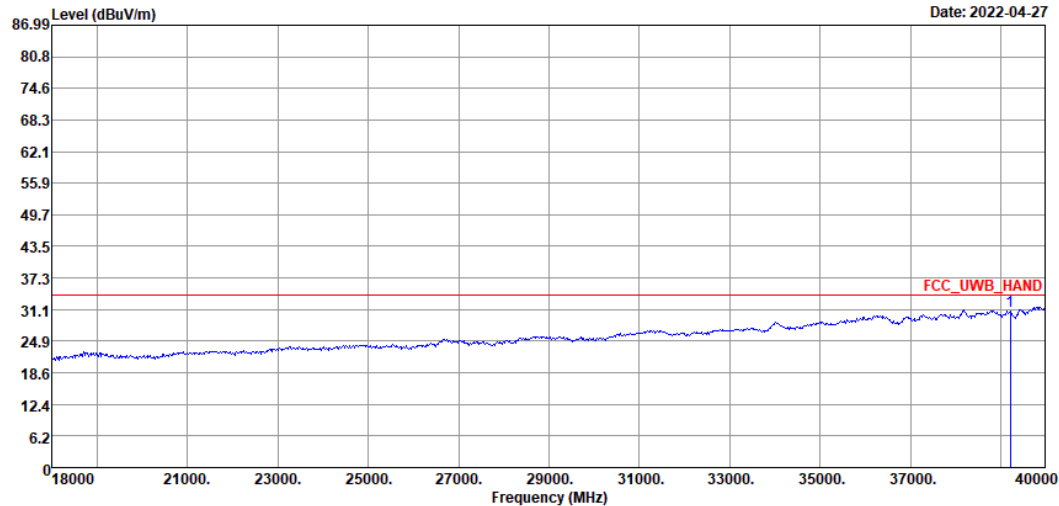
Note 4: Average emission setting: RBW=1MHz; VBW=3MHz.

Note 5:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux (dB) + Aux 2 (dB) = Level (dBuV/m)
(Note: Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)

**CH09 Radiated Emissions (18GHz – 40GHz)**

Test Mode	Mode 46: cidx-12_sts-1_packet length-125	Polarization	V
Operating Function	Adapter Mode	Test Distance	0.5m



Site : 03CH20-HY
Condition : FCC_UWB_HAND 1m SHF_00993_211130 VERTICAL
Project : 1O2919-05
EUT : #9
Channel : CH9
cidx : 12
sts_mode : 1
packet_length : 125
power_hex : 0xfefec0fe
PG Delay : 26
AVG Type : RMS
Trace : Max Hold

	Freq	Level	Over Limit	Limit Line	ReadAntenna	Cable	Preamp	Aux	Aux2	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	dB	cm	deg	
1	39208.00	30.88	-3.05	33.93	50.35	44.32	8.30	56.53	-15.56	0.00	---	---	Average

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: Average emission setting: RBW=1MHz; VBW=3MHz.

Note 5:

- Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]})$ (dB)
- Corrected Reading: Antenna Factor (dB/m) + Cable Loss (dB) + Read Level (dBuV) - Preamp Factor (dB) + Aux (dB) + Aux 2 (dB) = Level (dBuV/m)
(Note: Aux = Distance extrapolation factor; Aux 2 = 0, which means the measuring units are not connecting to the Filter)



4 Test Equipment and Calibration Data

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	Keysight	N9010B	MY60241055	10Hz~44GHz	Jul. 12, 2021	Apr. 01, 2022~ May 30, 2022	Jul. 11, 2022	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Jan. 03, 2022	Apr. 01, 2022~ May 30, 2022	Jan. 02, 2023	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45S E	980792	N/A	Nov. 15, 2021	Apr. 01, 2022~ May 30, 2022	Nov. 14, 2022	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 24, 2021	Apr. 01, 2022~ May 30, 2022	Dec. 23, 2022	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 07, 2022	Apr. 01, 2022~ May 30, 2022	Jan. 06, 2023	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00802 N1D01N-06	55606 & 08	30MHz~1GHz	Oct. 17, 2021	Apr. 01, 2022~ May 30, 2022	Oct. 16, 2022	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 23, 2021	Apr. 01, 2022~ May 30, 2022	Jun. 22, 2022	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00993	18GHz-40GHz	Nov. 30, 2021	Apr. 01, 2022~ May 30, 2022	Nov. 29, 2022	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303B	TP200879	N/A	Sep. 30, 2021	Apr. 01, 2022~ May 30, 2022	Sep. 29, 2022	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804 015/2,804027 /2	N/A	Jan. 19, 2022	Apr. 01, 2022~ May 30, 2022	Jan. 18, 2023	Radiation (03CH20-HY)
Software	Audix	E3 6.2009-8-24	RK-002156	N/A	N/A	Apr. 01, 2022~ May 30, 2022	N/A	Radiation (03CH20-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Apr. 01, 2022~ May 30, 2022	N/A	Radiation (03CH20-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Apr. 01, 2022~ May 30, 2022	N/A	Radiation (03CH20-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Apr. 01, 2022~ May 30, 2022	N/A	Radiation (03CH20-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	May 24, 2022	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2021	May 24, 2022	Nov. 30, 2022	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2021	May 24, 2022	Nov. 16, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 03, 2021	May 24, 2022	Dec. 02, 2022	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	May 24, 2022	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	00691	N/A	Jul. 28, 2021	May 24, 2022	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 30, 2021	May 24, 2022	Dec. 29, 2022	Conduction (CO05-HY)
Double Ridge Horn Antenna	ESCO	3117	00066583	1GHz~18GHz	Sep. 27, 2021	May 26, 2022	Sep. 26, 2022	Radiation (05CH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101249	10Hz~44GHz	Dec. 16, 2021	May 26, 2022	Dec. 15, 2022	Radiation (05CH05-HY)
Preamplifier	EM Electronics	EM01G18G	060805	1GHz-18GHz	Jul. 26, 2021	May 26, 2022	Jul. 25, 2022	Radiation (05CH05-HY)
Hygrometer	TECPEL	DTM-303B	TP210117	N/A	Oct. 08, 2021	May 26, 2022	Oct. 07, 2022	Radiation (05CH05-HY)
Antenna Mast	ChainTek	MD-200	1308055	1m~4m	N/A	May 26, 2022	N/A	Radiation (05CH05-HY)

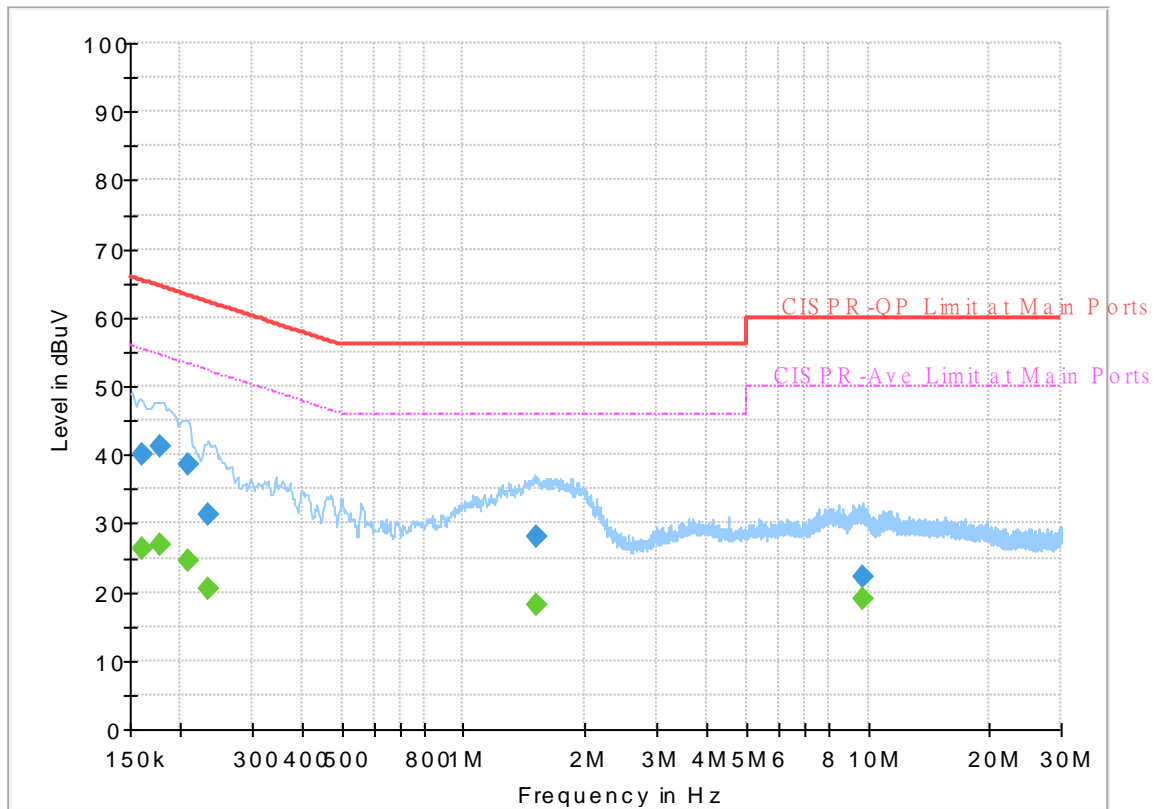


Appendix A. AC Conducted Emission Test Results

EUT Information

Report NO : 1O2919-05
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



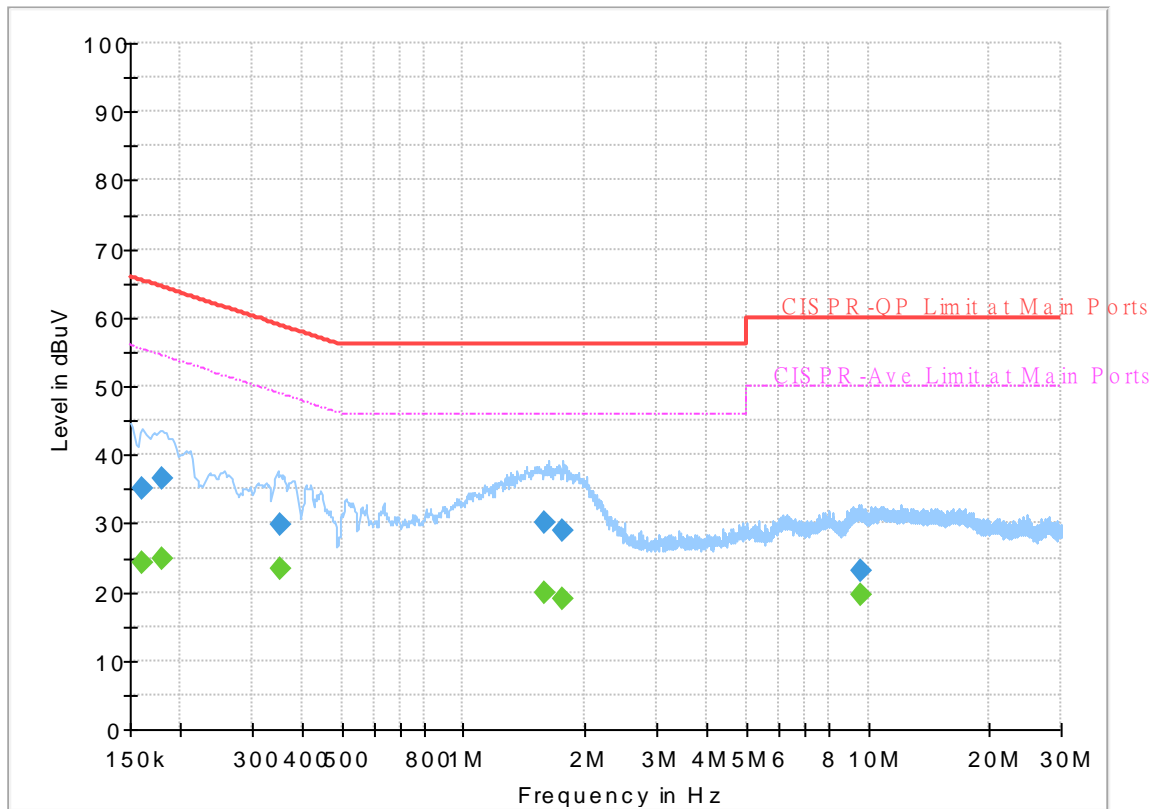
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161250	---	26.20	55.40	29.20	L1	OFF	19.6
0.161250	40.08	---	65.40	25.32	L1	OFF	19.6
0.177000	---	26.84	54.63	27.79	L1	OFF	19.6
0.177000	41.11	---	64.63	23.52	L1	OFF	19.6
0.208500	---	24.63	53.27	28.64	L1	OFF	19.6
0.208500	38.48	---	63.27	24.79	L1	OFF	19.6
0.233250	---	20.34	52.33	31.99	L1	OFF	19.6
0.233250	31.25	---	62.33	31.08	L1	OFF	19.6
1.515750	---	18.22	46.00	27.78	L1	OFF	19.6
1.515750	28.16	---	56.00	27.84	L1	OFF	19.6
9.759750	---	18.88	50.00	31.12	L1	OFF	19.8
9.759750	22.18	---	60.00	37.82	L1	OFF	19.8

EUT Information

Report NO : 1O2919-05
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161250	---	24.29	55.40	31.11	N	OFF	19.6
0.161250	35.01	---	65.40	30.39	N	OFF	19.6
0.179250	---	24.83	54.52	29.69	N	OFF	19.6
0.179250	36.47	---	64.52	28.05	N	OFF	19.6
0.352500	---	23.34	48.90	25.56	N	OFF	19.6
0.352500	29.70	---	58.90	29.20	N	OFF	19.6
1.587750	---	19.99	46.00	26.01	N	OFF	19.6
1.587750	29.98	---	56.00	26.02	N	OFF	19.6
1.765500	---	19.08	46.00	26.92	N	OFF	19.6
1.765500	29.00	---	56.00	27.00	N	OFF	19.6
9.557250	---	19.73	50.00	30.27	N	OFF	19.8
9.557250	23.04	---	60.00	36.96	N	OFF	19.8

————THE END————