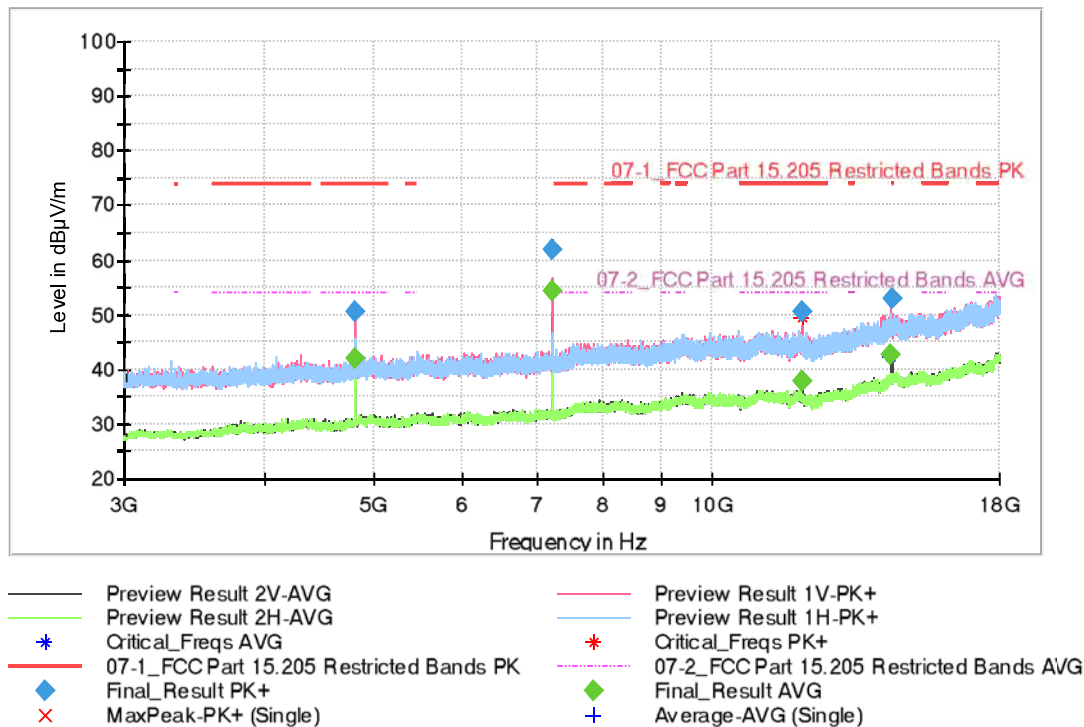


FREQUENCY RANGE 3 – 18 GHz:

Measurement data	☒	Horizontal	☒	Vertical
Operating mode / Info		Mode 2 / TX Channel Low 2405 MHz		

Common Information

EUT/Sample # / OM# : TLF20 4160 3.6 RWLB 277-400V WC3 QB SP
Voltage/Frequency : 277-400 Vac
Port/Terminal under test : Enclosure
Remark/Comment : EUT ON. ZigBee Low CH (2405 MHz)



Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol
12022.113333	50.42	---	74.00	23.58	1000.000	211.0	V
4810.901667	50.55	---	74.00	23.45	1000.000	305.0	V
14433.235000	53.12	---	81.49	28.37	1000.000	400.0	V
7216.456667	61.99	---	81.49	19.50	1000.000	290.0	V
12021.751667	---	37.70	54.00	16.30	1000.000	195.0	V
4810.746667	---	41.91	54.00	12.09	1000.000	312.0	V

NOTE: As the spurious frequencies are outside the restricted bands as defined in § 15.205 (a), the maximum peak radiated carrier power was measured at 3 m to be 101.49 dBμV/m, and a new limit line of 20 dB below that value was applied, as stated in § 15.247 (d).

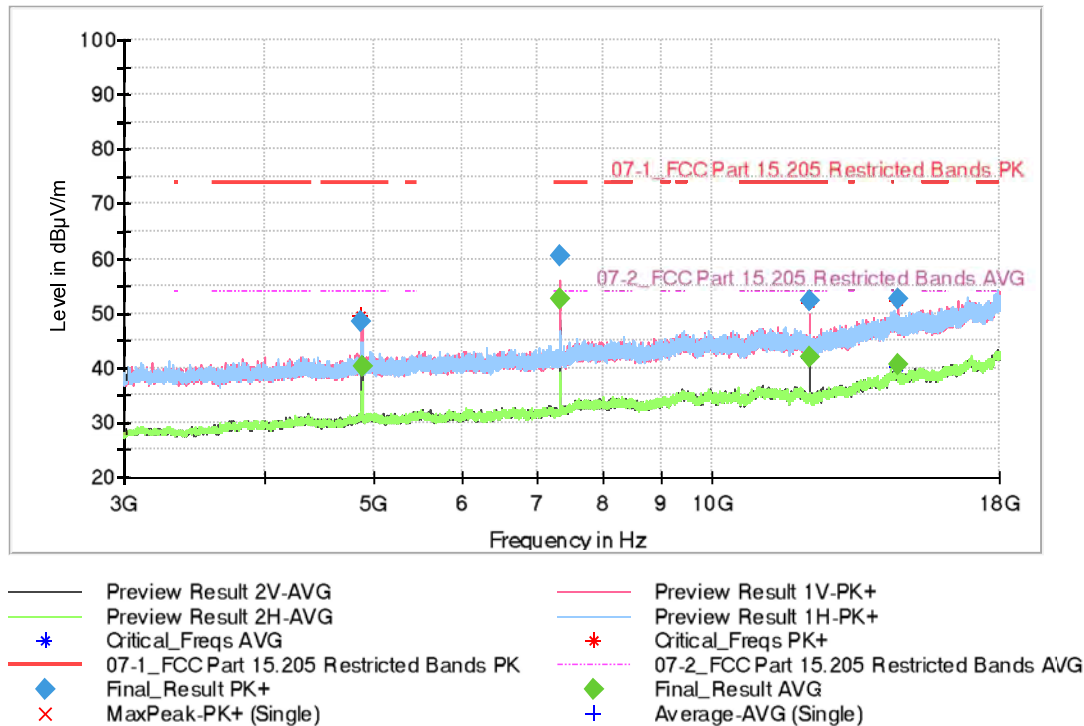
Supplementary information:

- The "Azimuth/Pol/Height" indicates the turn-table azimuth, the antenna polarization and the antenna height where the maximum emissions level was measured.
- The "Margin" is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit.

Measurement data	☒	Horizontal	☒	Vertical
Operating mode / Info		Mode 2 / TX Channel Middle 2440 MHz		

Common Information

EUT/Sample # / OM# : TLF20 4160 3.6 RWLB 277-400V WC3 QB SP
Voltage/Frequency : 277-400 Vac
Port/Terminal under test : Enclosure
Remark/Comment : EUT ON. ZigBee Middle CH (2440 MHz)



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol
12202.678333	52.24	---	74.00	21.76	1000.000	203.0	V
4878.665000	48.38	---	74.00	25.62	1000.000	291.0	V
7318.330000	60.46	---	74.00	13.54	1000.000	400.0	V
12202.330000	---	41.82	54.00	12.18	1000.000	205.0	V
4880.836667	---	40.27	54.00	13.73	1000.000	318.0	V
7318.378333	---	52.66	54.00	1.34	1000.000	400.0	V

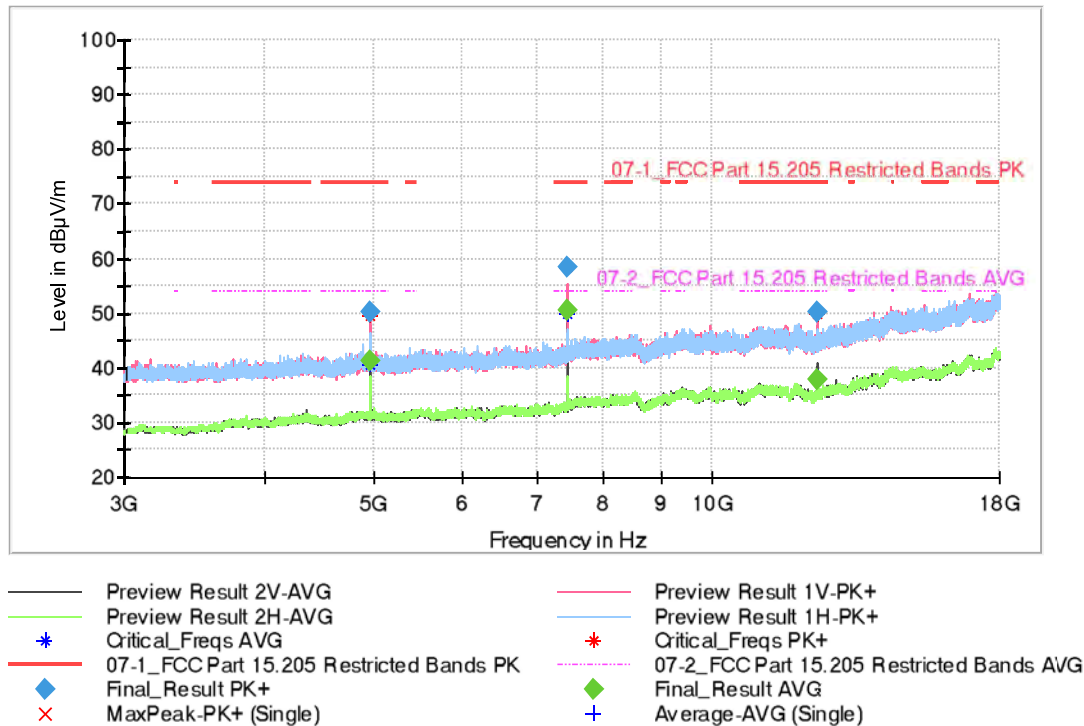
Supplementary information:

- The "Azimuth/Pol/Height" indicates the turn-table azimuth, the antenna polarization and the antenna height where the maximum emissions level was measured.
- The "Margin" is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit.

Measurement data	☒	Horizontal	☒	Vertical
Operating mode / Info		Mode 2 / TX Channel High 2480 MHz		

Common Information

EUT/Sample # / OM# : TLF20 4160 3.6 RWLB 277-400V WC3 QB SP
Voltage/Frequency : 277-400 Vac
Port/Terminal under test : Enclosure
Remark/Comment : EUT ON. ZigBee High CH (2480 MHz)



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol
4960.826667	50.09	---	74.00	23.91	1000.000	148.0	V
7441.430000	58.32	---	74.00	15.68	1000.000	258.0	V
12397.130000	50.08	---	74.00	23.92	1000.000	232.0	V
4958.890000	---	41.19	54.00	12.81	1000.000	133.0	V
7441.326667	---	50.41	54.00	3.59	1000.000	232.0	V
12402.525000	---	38.00	54.00	16.00	1000.000	243.0	V

Supplementary information:

- The "Azimuth/Pol/Height" indicates the turn-table azimuth, the antenna polarization and the antenna height where the maximum emissions level was measured.
- The "Margin" is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit.