FCC Test Report Report No.: FR542230

## 1 CO-LOCATION

### 1.1 Transmitter Radiated Unwanted Emissions

#### 1.1.1 Transmitter Radiated Unwanted Emissions Limit

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

- Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 30 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).
- Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Un-restricted Ba	nd Emissions Limit
RF output power procedure	Limit (dB)
Peak output power procedure	20
Average output power procedure	30

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

#### 1.1.2 Measuring Instruments

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

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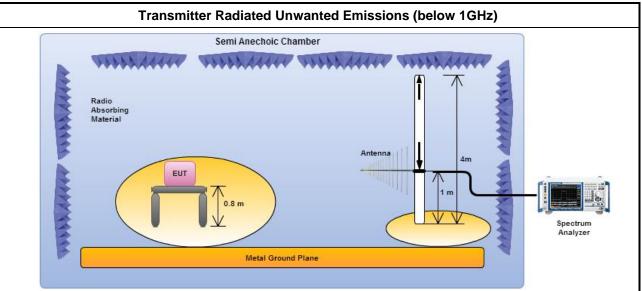


## 1.1.3 Test Procedures

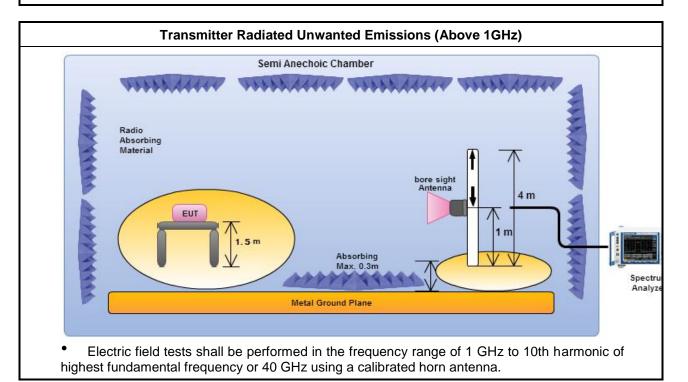
		Test Method
	perfo equi extra dista	surements may be performed at a distance other than the limit distance provided they are not bormed in the near field and the emissions to be measured can be detected by the measurement pment. When performing measurements at a distance other than that specified, the results shall be applated to the specified distance using an extrapolation factor of 30 dB/decade (inverse of linear lince for field-strength measurements, inverse of linear distance-squared for power-density surements).
	The	average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
$\boxtimes$	For	the transmitter unwanted emissions shall be measured using following options below:
	$\boxtimes$	Refer as FCC KDB 558074, clause 10.1 for unwanted emissions into non-restricted bands.
	$\boxtimes$	Refer as FCC KDB 558074, clause 10.2 for unwanted emissions into restricted bands.
		Refer as FCC KDB 558074, clause 10.2.3.3 and 8.2.1 Option 1 (spectral trace averaging)
		Refer as FCC KDB 558074, clause 10.2.3.3 and 8.2.1 Option 2 (slow sweep speed).
		Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
		Refer as FCC KDB 558074, clause 10.2.3.2 and 8.1.1 measurement procedure peak limit.
		Refer as FCC KDB 558074, clause 10.2.3.1 measurement procedure Quasi-Peak limit.
$\boxtimes$	For	radiated measurement, refer as FCC KDB 558074, clause 10.2.1.
	$\boxtimes$	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	$\boxtimes$	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	$\boxtimes$	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.For 1 GHz to 40 GHz, test distance is 3m.
	For	conducted and cabinet radiation measurement, refer as FCC KDB 558074, clause 10.2.2.
		For conducted unwanted emissions into non-restricted bands (relative emission limits).  Devices with multiple transmit chains:  Refer as FCC KDB 662911, when testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding 10 log(N) if the measurements are made relative to the in-band emissions on the individual outputs.  For conducted unwanted emissions into restricted bands (absolute emission limits).
		Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB

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### 1.1.4 Test Setup



Magnetic field tests shall be performed in the frequency range of 9 kHz to 30 MHz using a calibrated loop antenna. Electric field tests shall be performed in the frequency range of 30 MHz to 1000 MHz using a calibrated bi-log antenna.

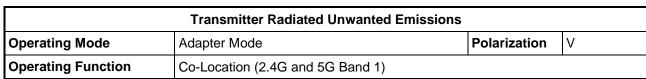


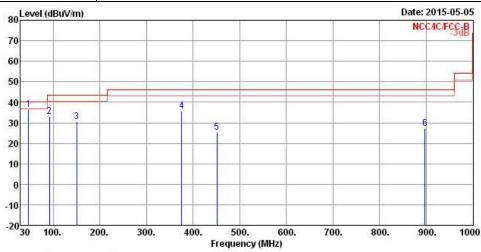
## 1.1.5 Transmitter Radiated Unwanted Emissions (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 30 dB below the permissible value has no need to be reported.

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### 1.1.6 Results of Radiated Emissions (30MHz~1GHz)





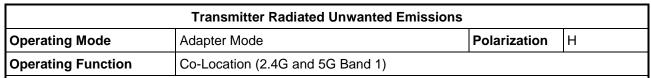
	Freq	Level	0∨er Limit	Limit Line		Antenna Factor			Remark
11-	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	l <del></del>
1	47.46	36.57	-3.43	40.00	63.84	8.88	1.10	37.25	QP
2	92.08	32.96	-10.54	43.50	59.01	9.24	1.54	36.83	Peak
2	150.28	30.63	-12.87	43.50	54.90	10.26	2.03	36.56	Peak
4	375.32	35.82	-10.18	46.00	54.66	14.45	3.23	36.52	Peak
5	450.98	25.43	-20.57	46.00	42.45	16.23	3.51	36.76	Peak
6	897.18	27.25	-18.75	46.00	39.62	20.10	5.17	37.64	Peak

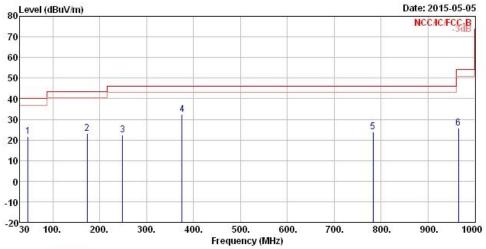
Note 1: ">30dB" means spurious emission levels that exceed the level of 30 dB below the applicable limit.

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

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

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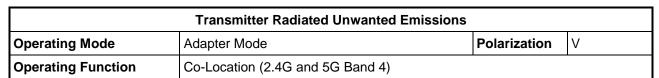
	Freq	Le∨el	0∨er Limit			Antenna Factor			Remark
85	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	\$ <del>.</del>
1	47.46	21.87	-18.13	40.00	49.14	8.88	1.10	37.25	Peak
2	173.56	23.11	-20.39	43.50	48.21	9.20	2.17	36.47	Peak
3	249.22	22.33	-23.67	46.00	44.09	12.03	2.60	36.39	Peak
4	375.32	32.28	-13.72	46.00	51.12	14.45	3.23	36.52	Peak
5	782.72	23.93	-22.07	46.00	37.07	19.46	4.83	37.43	Peak
6	965.08	25.57	-28.43	54.00	36.75	20.79	5.38	37.35	Peak

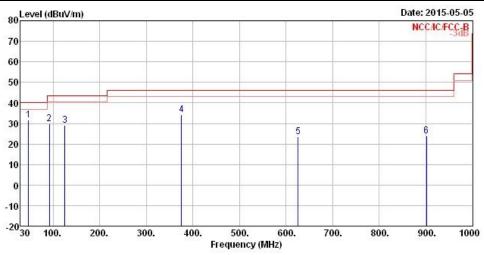
Note 1: ">30dB" means spurious emission levels that exceed the level of 30 dB below the applicable limit.

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

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

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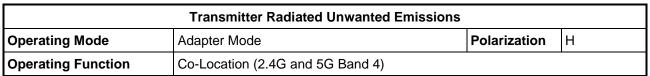
	Freq	Le∨el	0∨er Limit	Limit Line		Antenna Factor		Preamp Factor	
0	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	()
1	47.46	31.70	-8.30	40.00	58.97	8.88	1.10	37.25	Peak
2	92.08	29.81	-13.69	43.50	55.86	9.24	1.54	36.83	Peak
3	125.06	29.12	-14.38	43.50	51.58	12.37	1.83	36.66	Peak
4	375.32	34.09	-11.91	46.00	52.93	14.45	3.23	36.52	Peak
4 5	625.58	23.64	-22.36	46.00	38.12	18.52	4.25	37.25	Peak
6	901.06	23.81	-22.19	46.00	36.13	20.14	5.19	37.65	Peak

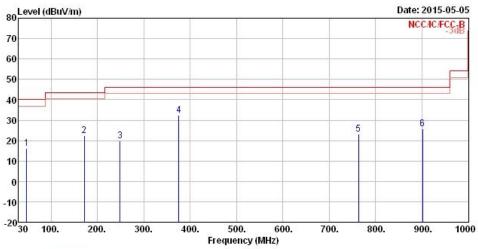
Note 1: ">30dB" means spurious emission levels that exceed the level of 30 dB below the applicable limit.

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

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

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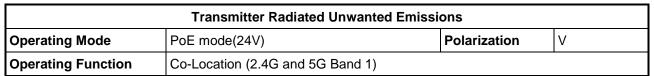
	Freq	Level	0∨er Limit			Antenna Factor			
7	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	7
1	47.46	16.33	-23.67	40.00	43.60	8.88	1.10	37.25	Peak
2	171.62	22.31	-21.19	43.50	47.44	9.19	2.16	36.48	Peak
3	249.22	19.77	-26.23	46.00	41.53	12.03	2.60	36.39	Peak
4	375.32	32.27	-13.73	46.00	51.11	14.45	3.23	36.52	Peak
5	763.32	23.11	-22.89	46.00	36.37	19.41	4.73	37.40	Peak
6	901.06	25.67	-20.33	46.00	37.99	20.14	5.19	37.65	Peak

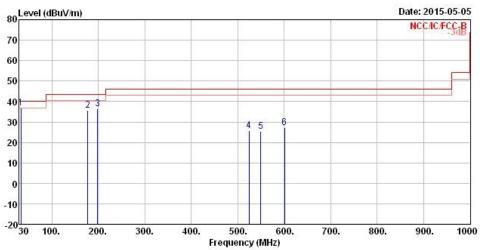
Note 1: ">30dB" means spurious emission levels that exceed the level of 30 dB below the applicable limit.

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

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

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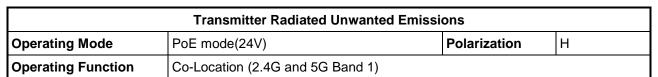
	Freq	Le∨el	0∨er Limit	Limit Line		Antenna Factor		Preamp Factor	
8.	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1!	33.88	37.00	-3.00	40.00	57.48	15.85	0.92	37.25	OP
2	177.44	35.70	-7.80	43.50	60.86	9.12	2.18	36.46	Peak
3	198.78	36.34	-7.16	43.50	61.36	9.03	2.32	36.37	Peak
4	524.70	25.61	-20.39	46.00	41.48	17.31	3.85	37.03	Peak
5	549.92	25.52	-20.48	46.00	40.27	18.43	3.92	37.10	Peak
6	600.36	27.22	-18.78	46.00	42.13	18.18	4.15	37.24	Peak

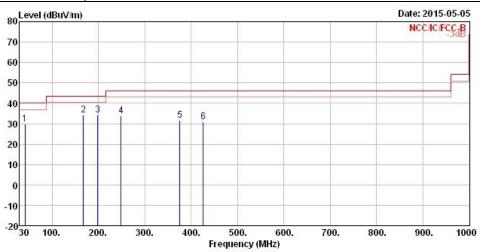
Note 1: ">30dB" means spurious emission levels that exceed the level of 30 dB below the applicable limit.

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

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

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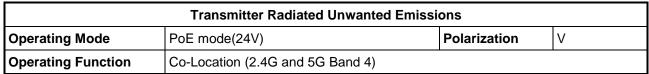
	Freq	Le∨el	0∨er Limit	Limit Line		Antenna Factor		Preamp Factor	
0.	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	% <del>)</del>
1	41.64	29.68	-10.32	40.00	54.43	11.46	1.04	37.25	Peak
2	167.74	34.28	-9.22	43.50	59.30	9.34	2.13	36.49	Peak
3	198.78	34.15	-9.35	43.50	59.17	9.03	2.32	36.37	Peak
4	249.22	34.04	-11.96	46.00	55.80	12.03	2.60	36.39	Peak
5	375.32	31.63	-14.37	46.00	50.47	14.45	3.23	36.52	Peak
6	425.76	31.09	-14.91	46.00	48.37	15.96	3.42	36.66	Peak

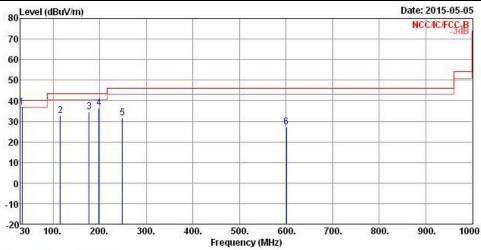
Note 1: ">30dB" means spurious emission levels that exceed the level of 30 dB below the applicable limit.

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

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

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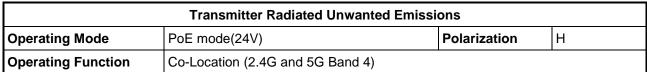
			0ver	Limit	Read	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
St	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	-
1	33.88	36.98	-3.02	40.00	57.46	15.85	0.92	37.25	QP
2	115.36	32.58	-10.92	43.50	55.76	11.77	1.74	36.69	Peak
3	177.44	34.66	-8.84	43.50	59.82	9.12	2.18	36.46	Peak
4	198.78	36.62	-6.88	43.50	61.64	9.03	2.32	36.37	Peak
5	249.22	31.77	-14.23	46.00	53.53	12.03	2.60	36.39	Peak
6	600.36	27.15	-18.85	46.00	42.06	18.18	4.15	37.24	Peak

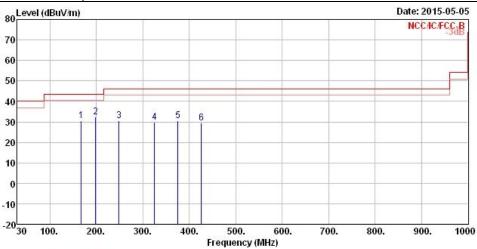
Note 1: ">30dB" means spurious emission levels that exceed the level of 30 dB below the applicable limit.

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

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

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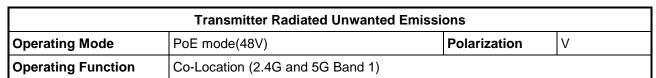
	Freq	Le∨el	0∨er Limit			Antenna Factor		4 H ( ) ( ) ( ) ( ) ( ) ( ) ( )	
<u>-</u>	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	·
1	<b>1</b> 67.74	30.48	-13.02	43.50	55.50	9.34	2.13	36.49	Peak
2	198.78	32.37	-11.13	43.50	57.39	9.03	2.32	36.37	Peak
3	249.22	30.39	-15.61	46.00	52.15	12.03	2.60	36.39	Peak
4	324.88	29.85	-16.15	46.00	49.95	13.34	3.01	36.45	Peak
5	375.32	30.41	-15.59	46.00	49.25	14.45	3.23	36.52	Peak
6	425.76	29.31	-16.69	46.00	46.59	15.96	3.42	36.66	Peak

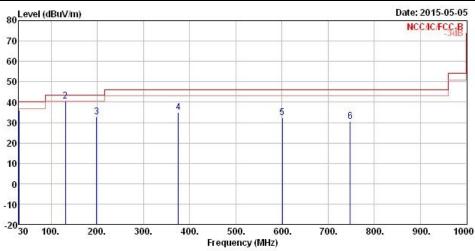
Note 1: ">30dB" means spurious emission levels that exceed the level of 30 dB below the applicable limit.

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

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

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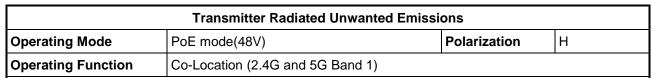
	100 FARMS	2775278226	0∨er	Limit		Antenna			
	Freq	Le∨el	Limit	Line	Le∨el	Factor	Loss	Factor	Remark
8.	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	30.00	35.99	-4.01	40.00	54.48	17.94	0.82	37.25	Peak
2	130.88	40.36	-3.14	43.50	63.50	11.61	1.88	36.63	Peak
3	198.78	32.89	-10.61	43.50	57.91	9.03	2.32	36.37	Peak
4	375.32	35.13	-10.87	46.00	53.97	14.45	3.23	36.52	Peak
4 5	600.36	32.43	-13.57	46.00	47.34	18.18	4.15	37.24	Peak
6	747.80	30.43	-15.57	46.00	43.71	19.43	4.66	37.37	Peak

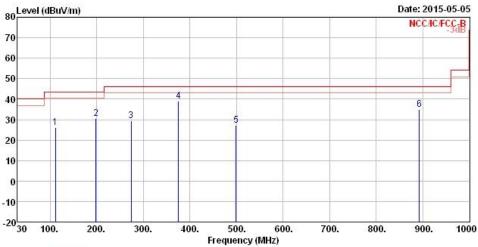
Note 1: ">30dB" means spurious emission levels that exceed the level of 30 dB below the applicable limit.

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

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

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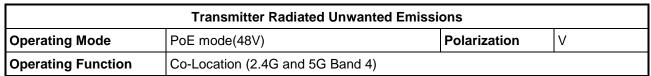
	Freq	Le∨el	0∨er Limit	Limit Line		Antenna Factor		Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	111.48	26.20	-17.30	43.50	49.18	12.02	1.70	36.70	Peak
2 3	198.78	30.53	-12.97	43.50	55.55	9.03	2.32	36.37	Peak
3	274.44	29.32	-16.68	46.00	50.54	12.43	2.75	36.40	Peak
4	375.32	39.04	-6.96	46.00	57.88	14.45	3.23	36.52	Peak
4 5	499.48	27.37	-18.63	46.00	43.51	17.05	3.77	36.96	Peak
6	892.33	34.80	-11.20	46.00	47.23	20.05	5.15	37.63	Peak

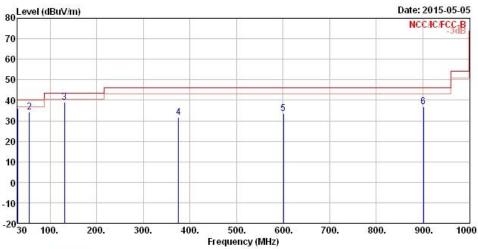
Note 1: ">30dB" means spurious emission levels that exceed the level of 30 dB below the applicable limit.

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

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

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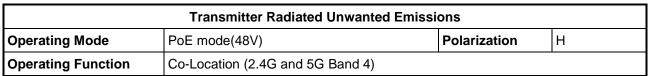
F	req	Level	0∨er Limit	Limit Line		Antenna Factor		Preamp Factor	Remark
×	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	*
1 30	00.0	36.13	-3.87	40.00	54.62	17.94	0.82	37.25	Peak
2 55	.22	34.38	-5.62	40.00	64.01	6.38	1.18	37.19	Peak
130	.88	39.21	-4.29	43.50	62.35	11.61	1.88	36.63	Peak
4 375	.32	31.61	-14.39	46.00	50.45	14.45	3.23	36.52	Peak
600	36	33.45	-12.55	46.00	48.36	18.18	4.15	37.24	Peak
901	.06	36.65	-9.35	46.00	48.97	20.14	5.19	37.65	Peak

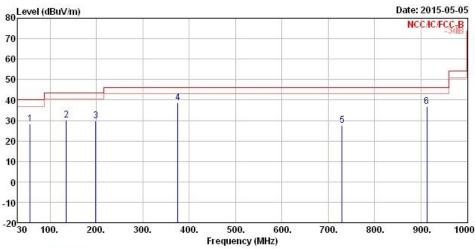
Note 1: ">30dB" means spurious emission levels that exceed the level of 30 dB below the applicable limit.

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

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

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			0ver	Limit	Read	Antenna	Cable	Preamp	
	Freq	Le∨el	Limit	Line	Le∨el	Factor	Loss	Factor	Remark
89	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	S.
1	57.16	28.48	-11.52	40.00	58.04	6.40	1.21	37.17	Peak
2	134.76	30.36	-13.14	43.50	53.47	11.59	1.92	36.62	Peak
3	198.78	29.81	-13.69	43.50	54.83	9.03	2.32	36.37	Peak
4	375.32	38.67	-7.33	46.00	57.51	14.45	3.23	36.52	Peak
5	730.34	27.45	-18.55	46.00	40.95	19.22	4.62	37.34	Peak
6	912.70	36.97	-9.03	46.00	49.12	20.21	5.23	37.59	Peak

Note 1: ">30dB" means spurious emission levels that exceed the level of 30 dB below the applicable limit.

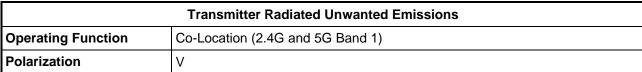
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

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

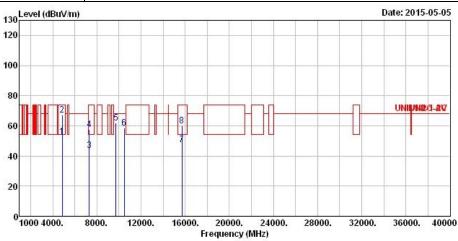
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1.1.7 Results for Radiated Emissions (1GHz~10<sup>th</sup> Harmonic)



**Report No.: FR542230** 

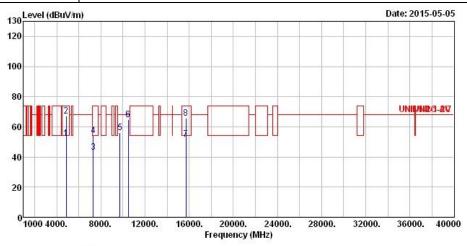


	Freq	Le∨el	0∨er Limit	- 7000000000000000000000000000000000000		Antenna Factor		Preamp Factor	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	\$ <del>.</del>
1	4874.00	52.92	-1.08	54.00	47.55	33.31	4.51	32.45	Average
2	4874.00	67.38	-6.62	74.00	62.01	33.31	4.51	32.45	Peak
3	7311.00	43.74	-10.26	54.00	34.55	36.11	5.75	32.67	Average
4	7311.00	57.42	-16.58	74.00	48.23	36.11	5.75	32.67	Peak
5	9748.00	61.70	-6.50	68.20	49.52	38.61	6.71	33.14	Peak
6	10480.00	58.60	-9.60	68.20	45.30	39.00	7.00	32.70	Peak
7	15720.00	47.29	-6.71	54.00	33.39	37.34	8.86	32.30	Average
8	15720.00	60.11	-13.89	74.00	46.21	37.34	8.86	32.30	Peak

- Note 1: ">30dB" means spurious emission levels that exceed the level of 30 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: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level.

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	Transmitter Radiated Unwanted Emissions							
Operating Function	Co-Location (2.4G and 5G Band 1)							
Polarization	Н							



			0∨er	Limit	Read	Antenna	Cable	Preamp	
	Freq	Le∨el	Limit	Line	Le∨el	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	3).
1	4874.00	52.11	-1.89	54.00	46.74	33.31	4.51	32.45	Average
2	4874.00	67.06	-6.94	74.00	61.69	33.31	4.51	32.45	Peak
3	7311.00	43.13	-10.87	54.00	33.94	36.11	5.75	32.67	Average
4	7311.00	54.17	-19.83	74.00	44.98	36.11	5.75	32.67	Peak
5	9748.00	56.11	-12.09	68.20	43.93	38.61	6.71	33.14	Average
6	10480.00	64.55	-3.65	68.20	51.25	39.00	7.00	32.70	Peak
7	15720.00	51.96	-2.04	54.00	38.06	37.34	8.86	32.30	Average
8	15720.00	65.80	-8.20	74.00	51.90	37.34	8.86	32.30	Peak

Note 1: ">30dB" means spurious emission levels that exceed the level of 30 dB below the applicable limit.

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

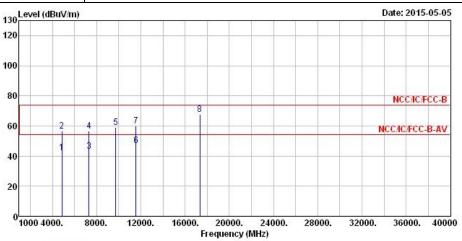
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 5: For un-restricted bands, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level.

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Transmitter Radiated Unwanted Emissions							
Operating Function Co-Location (2.4G and 5G Band 4)							
Polarization	V						



	Feed	Lovel	0∨er Limit	Limit Line		Antenna Factor			Remark
	Freq	Level	LTIIIT	rine	rever	ractor	LOSS	ractor	Kellark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	·
1	4874.00	42.33	-11.67	54.00	36.96	33.31	4.51	32.45	Average
2	4874.00	56.59	-17.41	74.00	51.22	33.31	4.51	32.45	Peak
3	7311.00	43.08	-10.92	54.00	33.89	36.11	5.75	32.67	Average
4	7311.00	56.56	-17.44	74.00	47.37	36.11	5.75	32.67	Peak
5	9748.00	59.05	-14.95	74.00	46.87	38.61	6.71	33.14	Peak
6	11570.00	47.16	-6.84	54.00	32.69	39.34	7.55	32.42	Average
7	11570.00	59.75	-14.25	74.00	45.28	39.34	7.55	32.42	Peak
8	17355.00	67.44	-6.56	74.00	46.33	43.03	9.54	31.46	Peak

Note 1: ">30dB" means spurious emission levels that exceed the level of 30 dB below the applicable limit.

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

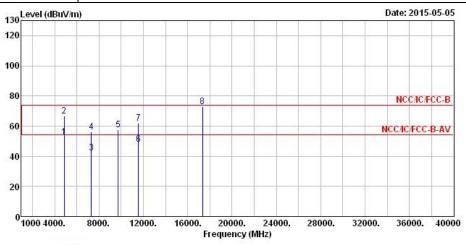
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 5: For un-restricted bands, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level.

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Transmitter Radiated Unwanted Emissions							
Operating Function	Co-Location (2.4G and 5G Band 4)						
Polarization	Н						



	Freq	Le∨el	0∨er Limit			Antenna Factor		Preamp Factor	
36	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	4874.00	52.95	-1.05	54.00	47.58	33.31	4.51	32.45	Average
2	4874.00	66.81	-7.19	74.00	61.44	33.31	4.51	32.45	Peak
3	7311.00	42.20	-11.80	54.00	33.01	36.11	5.75	32.67	Average
4	7311.00	56.13	-17.87	74.00	46.94	36.11	5.75	32.67	Peak
5	9748.00	57.74	-16.26	74.00	45.56	38.61	6.71	33.14	Peak
6	11570.00	47.84	-6.16	54.00	33.37	39.34	7.55	32.42	Average
7	11570.00	61.98	-12.02	74.00	47.51	39.34	7.55	32.42	Peak
8	17355.00	72.83	-1.17	74.00	51.72	43.03	9.54	31.46	Peak

Note 1: ">30dB" means spurious emission levels that exceed the level of 30 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: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 5: For un-restricted bands, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level.

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# 2 TEST EQUIPMENT AND CALIBRATION DATA

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	Nov. 29, 2014	Radiated Emission
Amplifier	EMC	EMC9135	980232	9kHz ~ 1GHz	Jan. 27, 2015	Radiated Emission
Amplifier	Agilent	8449B	3008A02120	1GHz ~ 26.5GHz	Sep. 01, 2014	Radiated Emission
Spectrum	R&S	FSP40	100004	9kHz ~ 40GHz	Apr. 02, 2015	Radiated Emission
Bilog Antenna	SCHAFFNER	CBL 6112D	22237	30MHz ~ 1GHz	Sep. 20, 2014	Radiated Emission
Horn Antenna	ETS · LINDGREN	3115	6741	1GHz ~ 18GHz	Jul. 11, 2014	Radiated Emission
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	18GHz ~ 40GHz	Jan. 27, 2015	Radiated Emission
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	Nov. 15, 2014	Radiated Emission
RF Cable-high	SUHNER	SUCOFLEX 106	03CH03-HY	1GHz ~ 40GHz	Dec. 12, 2014	Radiated Emission
Turn Table	EM Electronics	EM Electronics	060615	0 ~ 360 degree	N/A	Radiated Emission
Antenna Mast	MF	MF-7802	MF780208179	1 ~ 4 m	N/A	Radiated Emission

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

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Amplifier	MITEQ	AMF-6F-260400 -33-8P	912372	26.5GHz ~ 40GHz	Apr. 18, 2015	Radiated Emission
Loop Antenna	TESEQ	HLA 6120	31244	9 kHz ~ 30 MHz	Feb. 02, 2015	Radiated Emission

Note: Calibration Interval of instruments listed above is two years.

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