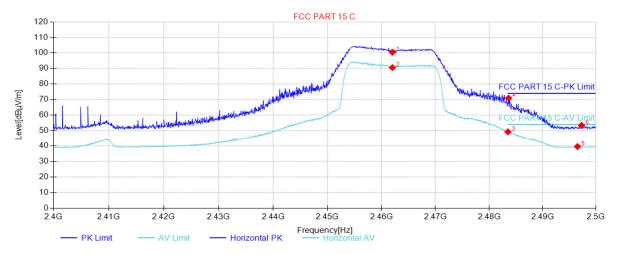


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 PK Detector AV Detector

Suspec	Suspected List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Polarity				
1	2462.0000	100.51	4.44	0.00	-100.51	Horizontal				
2	2462.0000	90.60	4.44	0.00	-90.60	Horizontal				
3	2483.5000	49.27	4.47	54.00	4.73	Horizontal				
4	2483.6418	70.97	4.47	74.00	3.03	Horizontal				
5	2496.5483	39.49	4.49	54.00	14.51	Horizontal				
6	2497.2986	53.43	4.49	74.00	20.57	Horizontal				

Final Data List

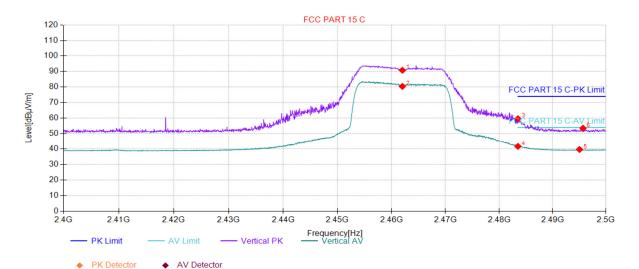




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Suspected List Level Factor Limit Margin Freq. NO. **Polarity** $[dB\mu V/m]$ [dB] [dBµV/m] [dB] [MHz] 2462.0000 4.44 90.84 0.00 -90.84 Vertical 1 2 2462.0000 80.45 4.44 0.00 -80.45 Vertical 3 2483.5000 74.00 14.34 Vertical 59.66 4.47 2483.5000 4.47 54.00 12.42 Vertical 4 41.58 5 2495.0475 39.57 4.48 54.00 14.43 Vertical 6 2495.6978 53.54 4.48 74.00 20.46 Vertical

Final Data List

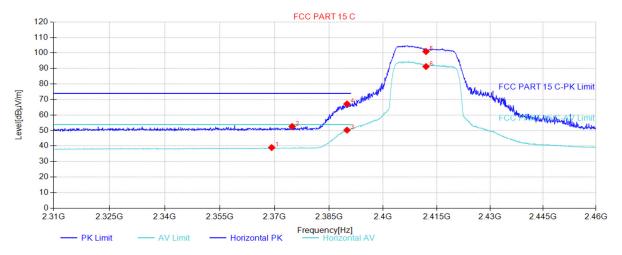




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 PK Detector AV Detector

Suspec	Suspected List										
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Polarity					
1	2369.2046	38.85	4.22	54.00	15.15	Horizontal					
2	2374.8324	52.73	4.24	74.00	21.27	Horizontal					
3	2390.0000	50.39	4.31	54.00	3.61	Horizontal					
4	2390.0000	67.25	4.31	74.00	6.75	Horizontal					
5	2412.0000	100.95	4.37	0.00	-100.95	Horizontal					
6	2412.0000	91.29	4.37	0.00	-91.29	Horizontal					

Final Data List

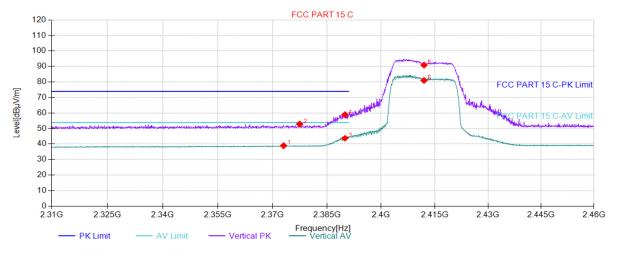




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 PK Detector AV Detector

Suspec	Suspected List										
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Polarity					
1	2373.0315	38.79	4.23	54.00	15.21	Vertical					
2	2377.4587	52.98	4.25	74.00	21.02	Vertical					
3	2390.0000	43.72	4.31	54.00	10.28	Vertical					
4	2390.0000	59.00	4.31	74.00	15.00	Vertical					
5	2412.0000	90.95	4.37	0.00	-90.95	Vertical					
6	2412.0000	81.07	4.37	0.00	-81.07	Vertical					

Final Data List

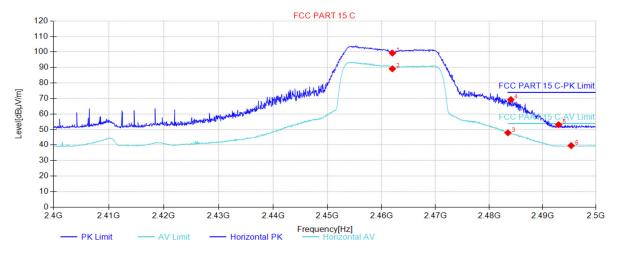




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 PK Detector AV Detector

Suspec	Suspected List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Polarity				
1	2462.0000	99.30	4.44	0.00	-99.30	Horizontal				
2	2462.0000	89.18	4.44	0.00	-89.18	Horizontal				
3	2483.5000	48.00	4.47	54.00	6.00	Horizontal				
4	2484.0420	69.39	4.47	74.00	4.61	Horizontal				
5	2492.9965	53.24	4.48	74.00	20.76	Horizontal				
6	2495.3477	39.47	4.48	54.00	14.53	Horizontal				

Final Data List

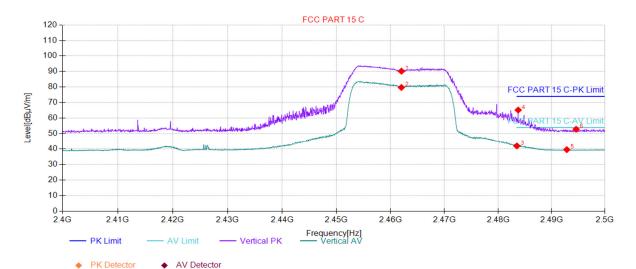




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Suspec	Suspected List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Polarity				
1	2462.0000	90.26	4.44	0.00	-90.26	Vertical				
2	2462.0000	79.78	4.44	0.00	-79.78	Vertical				
3	2483.5000	41.84	4.47	54.00	12.16	Vertical				
4	2483.7419	65.23	4.47	74.00	8.77	Vertical				
5	2492.8464	39.45	4.48	54.00	14.55	Vertical				
6	2494.5973	52.90	4.48	74.00	21.10	Vertical				

Final Data List

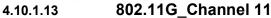


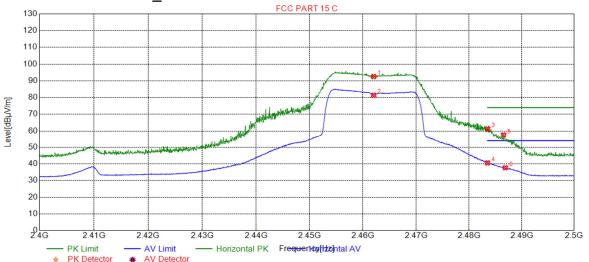


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Secondly Supply:





Suspect	Suspected List									
NO.	Freq. [MHz]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity					
1	2462.0000	92.57	0.00	-92.57	Horizontal					
2	2462.0000	81.42	0.00	-81.42	Horizontal					
3	2483.5000	61.33	74.00	12.67	Horizontal					
4	2483.5000	40.63	54.00	13.37	Horizontal					
5	2486.5433	57.65	74.00	16.35	Horizontal					
6	2486.8934	37.71	54.00	16.29	Horizontal					

Final Data List

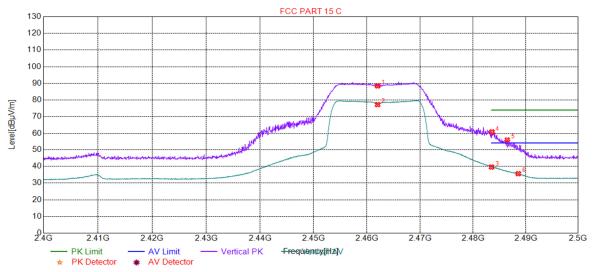




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Suspecte	Suspected List									
NO.	Freq. [MHz]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity					
1	2462.0000	88.50	0.00	-88.50	Vertical					
2	2462.0000	77.31	0.00	-77.31	Vertical					
3	2483.5000	39.60	54.00	14.40	Vertical					
4	2483.5918	60.94	74.00	13.06	Vertical					
5	2486.4932	56.09	74.00	17.91	Vertical					
6	2488.5943	35.63	54.00	18.37	Vertical					

Final Data List

Remark:

The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading + Antenna Factor + Cable Factor - Preamplifier Factor All Modes have been tested, but only the worst case data displayed in this report.





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Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Total RF power, conducted	±0.75dB
2	RF power density, conducted	±2.84dB
3	Spurious emissions, conducted	±0.75dB
4	Dedicted Shurious emission test	±4.5dB (30MHz-1GHz)
4	Radiated Spurious emission test	±4.8dB (1GHz-25GHz)
5	Conduct emission test	±3.12 dB (9KHz- 30MHz)
6	Temperature test	±1°C
7	Humidity test	±3%
8	DC and low frequency voltages	±0.5%





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Equipment List

Conducted Emission									
Test Equipment	Manufacturer	Model No.	Inventory No	Cal. date	Cal.Duedate				
rest Equipment	Wanulacturer	woder No.	Inventory No.	(yyyy-mm-dd)	(yyyy-mm-dd)				
Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2020/5/10	2023/5/9				
LISN	Rohde & Schwarz	ENV216	SEM007-01	2020/7/14	2021/7/14				
LISN	ETS-LINDGREN	Feb-16	SEM007-02	2020/4/1	2021/3/31				
Measurement Software	AUDIX	e3 V5.4.1221d	N/A	N/A	N/A				
Coaxial Cable	SGS	N/A	SEM024-01	2020/6/12	2021/6/11				
2 Line ISN	Fischer Custom Communications Inc	FCC-TLISN-T2 02	EMC0122	2020/2/11	2021/2/10				
EMI Test Receiver	Rohde & Schwarz	ESCI	SEM004-02	2020/3/2	2021/3/1				

RF conducted test									
Toot Equipment	Manufacturer	Model No.	Inventory No.	Cal. date	Cal.Duedate				
Test Equipment	wanutacturer	wodel No.	Inventory No.	(yyyy-mm-dd)	(yyyy-mm-dd)				
DC Power Supply	Agilent Technologie Inc	66311B	W009-09	2020/7/15	2021/7/15				
Signal Analyzer	Rohde & Schwarz	FSV	W025-05	2020/1/3	2021/1/2				
Coaxial Cable	SGS	N/A	SEM031-01	2020/6/12	2021/6/11				
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A				
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2020/7/14	2021/7/14				
Tamananatura Chamahan	GIANT FORCE	ICT-150-40-CP	W027 02	2020/10/27	2021/10/27				
Temperature Chamber	GIANT FORCE	AR	W027-03	2019/10/27	2020/10/27				
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2020/7/14	2021/7/14				



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	RE in Chamber							
Test Equipment	Manufacturer	Model No.	Inventory No	Cal. date	Cal.Due date			
rest Equipment	Wallulacturei	Wodel No.	iliveritory ivo	(yyyy-mm-dd)	(yyyy-mm-dd)			
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2018/3/13	2021/3/12			
Measurement Software	AUDIX	e3V8.2014-6-2	N/A	N/A	N/A			
Coaxial Cable	SGS	N/A	SEM026-01	2020/6/12	2021/6/11			
EXA Signal Analyzer (10Hz-26.5GHz)	Agilent Technologie Inc	N9010A	SEM004-09	2020/3/12	2021/3/11			
BiConiLog Antenna (26- 3000MHz)	ETS-Lindgren	3142C	SEM003-01	2020/6/27	2023/6/26			
Horn Antenna (0.8- 18GHz)	Rohde & Schwarz	HF907	SEM003-07	2018/4/13	2021/4/12			
Pre-amplifier(0.1-1.3GHz	HP	8447D	SEM005-02	2020/7/14	2021/7/14			
Low Noise Amplifier(100MHz- 18GHz)	Black Diamond Series	BDLNA-0118- 352810	SEM005-05	2020/9/3	2021/9/2			
Horn Antenna (15- 40GHz)	Schwarzbeck	BBHA 9170	SEM003-15	2020/10/17	2023/10/16			
Pre-amplifier(18-26GHz	Rohde & Schwarz	CH14-H052	SEM005-17	2020/3/2	2021/3/1			
Band filter	N/A	N/A	SEM023-01	N/A	N/A			
		RE in Chamb	er	_				
Test Faviament	Manufacturar	Madel No	Inventory No	Cal. date	Cal.Due date			
Test Equipment	Manufacturer	Model No.	Inventory No	(yyyy-mm-dd)	(yyyy-mm-dd)			
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2020/8/5	2023/8/4			
Measurement Software	AUDIX	e3 V8.2014-6- 27	N/A	N/A	N/A			
Coaxial Cable	SGS	N/A	SEM025-01	2020/6/12	2021/6/11			
MXE EMI Receiver (20Hz-8.4GHz)	Agilent Technologie	N9038A	SEM004-05	2020/7/14	2021/7/14			
BiConiLog Antenna (26- 3000MHz)	ETS-LINDGREN	3142C	SEM003-01	2020/6/27	2023/6/26			
Pre-amplifier (0.1- 1.3GHz)	Agilent Technologie	8447D	SEM005-01	2020/3/2	2021/3/1			



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	RE in Chamber									
Test Equipment	Manufacturer	Model No.	Inventory No	Cal. Date (yyyy mm-dd)	Cal. Due date (yyyy-mm-dd)					
10m Semi-Anechoic Chamber	SAEMC	FSAC1018	SEM001-03	2018/3/31	2021/3/30					
EMI Test Receiver (9k-7GHz)	Rohde & Schwarz	ESR	SEM004-03	2020/3/2	2021/3/1					
Trilog-Broadband Antenna(25M-2GHz)	Schwarzbeck	VULB9168	SEM003-18	2020/3/15	2022/3/14					
Pre-amplifier (9k-1GHz)	Sonoma	310N	SEM005-03	2020/3/12	2021/3/11					
Loop Antenna (9kHz- 30MHz)	ETS-Lindgren	6502	SEM003-08	2020/8/22	2023/8/21					
Measurement Software	AUDIX	e3 V8.2014-6- 27	N/A	N/A	N/A					
Coaxial Cable	SGS	N/A	SEM029-01	2020/6/12	2021/6/11					



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7 **Photographs - EUT Constructional Details**

Refer to Appendix A - Photographs of Set-Up for ZR/2020/A0016.

The End

