

## [11n(HT20)] W52 / Channel Low **BELOW 1GHz**

TUV SUD Zacta	ı Ltd.	<	<pre><coata no.19="" sheet="">&gt;</coata></pre>	>	18 April,2017 09:04
Company name EUT Model No. Serial No. Test mode [dB(µV/m)]	: KYOCERA Co : Mobile Phone : DA58 : N/A : 5GHz_W52_11r		Standard Operator Temp,Hum, Note1 Note2	: FCC Part.15 Sub : T.Seino Atm : 21.5[°C] 42.0[%] : Ch:36_5180MHz :	part E
60 50					<pre>KFCC B_3m&gt; Limit(QP) KMHz_Tx_W52_11n(HT20)_Low&gt; Peak level(H,PK) Peak level(V,PK)</pre>
40					
Tevel 30					
20					
10					
0 30.000	50.000	100.000 Frequen			0

#### \*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

Final Result

No.	Frequency	(P)	c.f	Height	Ang	le	Remark
	[MHz]		[dB(1/m)]	[cm]	[°	]	

Note:

Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.



## [11n(HT20)] W52 / Channel Low ABOVE 1GHz

TUV	SUD Zacta	Ltd.	< <data s<="" th=""><th>Sheet No.20&gt;&gt;</th><th></th><th></th><th>13 April,2017 03:31</th></data>	Sheet No.20>>			13 April,2017 03:31
EUT Mode Seria Test	pany name el No. l No. mode ı V/m)]	: KYOCERA Co : Mobile Phone : DA58 : N/A : 5GHz_W52_11r		Standard Operator Temp,Hum, Note1 Note2	: H. Atm : 23	CC Part.15 subpart E Shibata .3[°C] 20.1[%] :36_5180MHz	
1 1	110					-	E_GHz(Peak_Only)_3m> Limit(PK) Tx_W52_11n(HT20)_Low> Peak level(H,PK) Peak level(V,PK) Emission level(H,PK)
	50 40 30 20 10						
1	1000.000	2000.00	5000.000 equency	100	000.000	18000.000 [MHz]	

#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

## Final Result

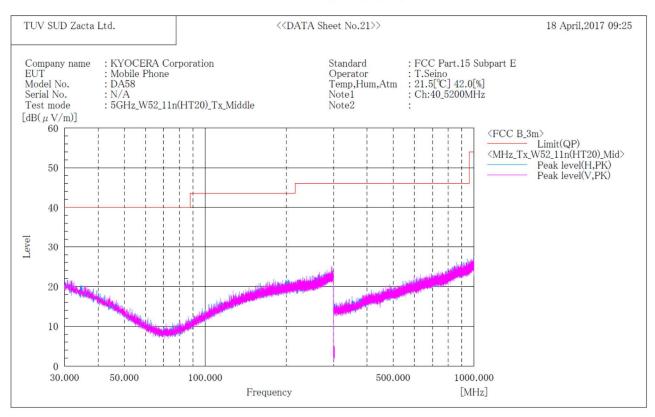
No.	Frequency	(P)	Reading	c.f	Result	Limit	0	Height	Angle	Remark
1	[MHz]	н				$\begin{bmatrix} PK \\ [dB(\mu V/m) \end{bmatrix}$	PK [dB]	[cm]	[°]	
1	10360.000	H	47.8	10.3	58.1	68.2	10.1	152.0	183.0	

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]



## [11n(HT20)] W52 / Channel Middle BELOW 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

#### Final Result

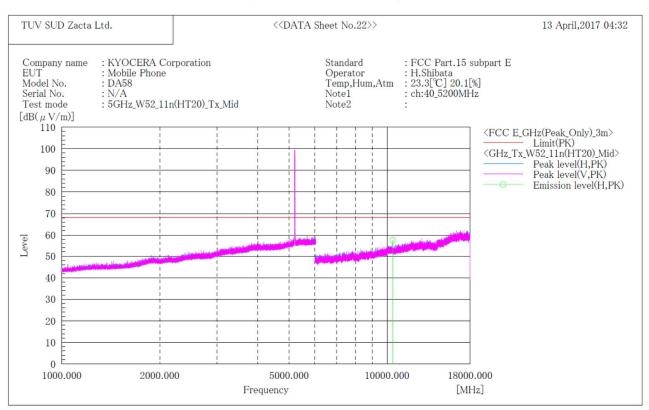
No.	Frequency	(P)	c.f	Height	Angle	Remark
	[MHz]		[dB(1/m)]	[cm]	[°]	

#### Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]



## [11n(HT20)] W52 / Channel Middle ABOVE 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

Final Result

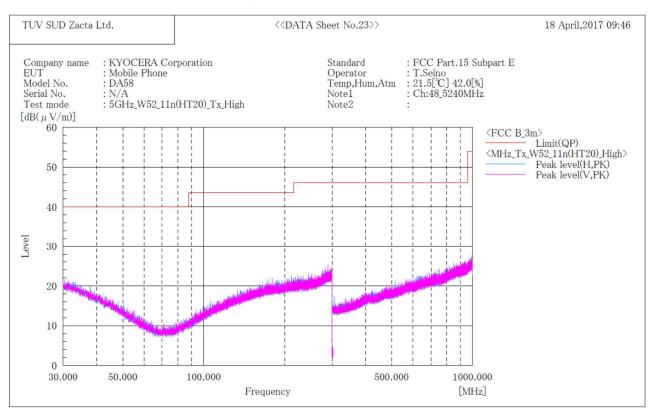
No.	Frequency	(P)	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
			PK		PK	PK	PK			
	[MHz]		$[dB(\mu V)]$	[dB(1/m)]	$[dB(\mu V/m)]$	$[dB(\mu V/m)]$	[dB]	[cm]	[°]	
1	10400.000	Н	47.4	10.3	57.7	68.2	10.5	163.0	169.0	

#### Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]



## [11n(HT20)] W52 / Channel High **BELOW 1GHz**



# \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

#### Final Result

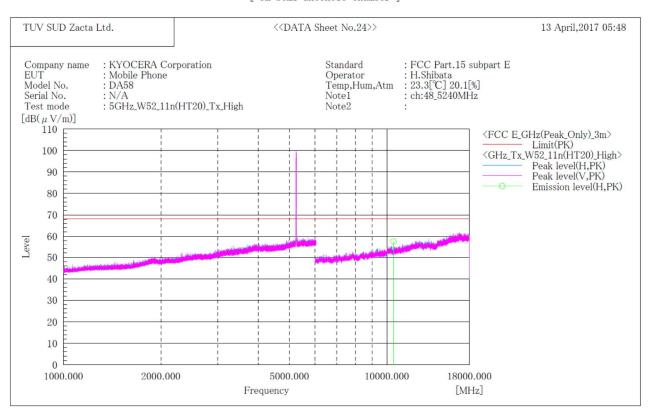
No.	Frequency	(P)	c.f	Height	Angle	Remark
	[MHz]		[dB(1/m)]	[cm]	[°]	

#### Note:

Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.



## [11n(HT20)] W52 / Channel High ABOVE 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

Final Result

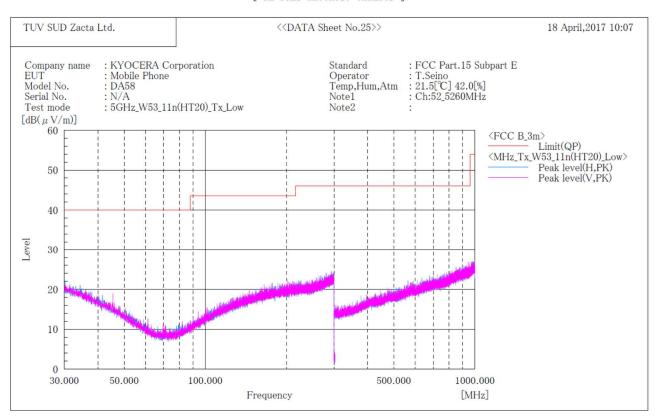
No.	Frequency	(P)	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
			PK		PK	PK	PK			
	[MHz]		$[dB(\mu V)]$	[dB(1/m)]	$[dB(\mu V/m)]$	$[dB(\mu V/m)]$	[dB]	[cm]	[°]	
1	10480.000	H	47.1	10.5	57.6	68.2	10.6	169.0	218.0	

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]



## [11n(HT20)] W53 / Channel Low BELOW 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

## Final Result

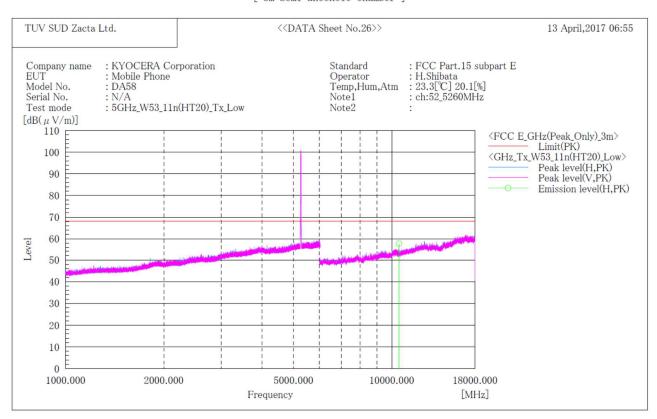
No.	Frequency	(P)	c.f	Height	Angle	Remark
	[MHz]		[dB(1/m)]	[cm]	[°]	

#### Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]



## [11n(HT20)] W53 / Channel Low ABOVE 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

Final Result

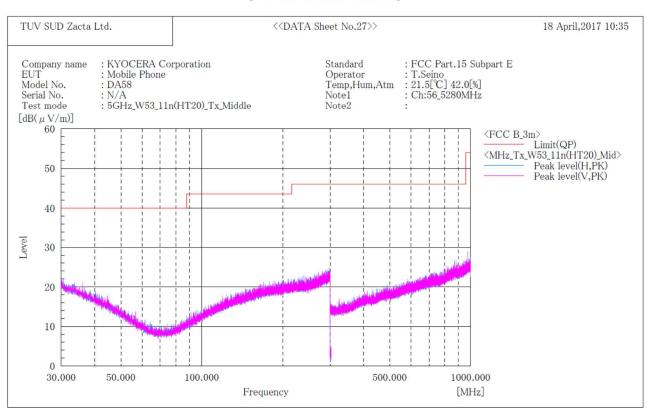
No.	Frequency	(P)	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
			PK		PK	PK	PK			
	[MHz]		$[dB(\mu V)]$	$\left[ dB(1/m) \right]$	$[dB(\mu V/m)]$	$[dB(\mu V/m)]$	[dB]	[cm]	[°]	
1	10520.000	H	47.3	10.5	57.8	68.2	10.4	145.0	188.0	

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]



## [11n(HT20)] W53 / Channel Middle BELOW 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

## Final Result

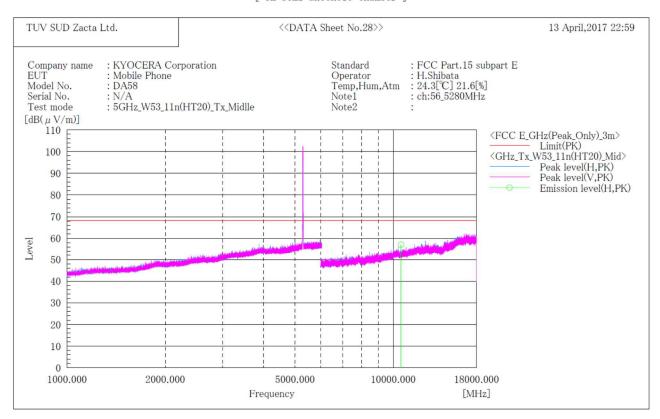
No.	Frequency	(P)	c.f	Height	Angle	Remark
	[MHz]		[dB(1/m)]	[cm]	[°]	

#### Note:

- 1. Emission Level (Margin) = Limit [Reading + Factor (Antenna + Cable Amp)]
- 2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.



## [11n(HT20)] W53 / Channel Middle ABOVE 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

Final Result

No.	Frequency	(P)	Reading	c.f	Result	Limit	0	Height	Angle
1	[MHz] 10560.000	Н	$\begin{bmatrix} dB(\mu V) \\ 46.6 \end{bmatrix}$	[dB(1/m)] 10.5	$\begin{bmatrix} dB(\mu V/m) \\ 57.1 \end{bmatrix}$	$\begin{bmatrix} dB (\mu V/m) \\ 68.2 \end{bmatrix}$	PK [dB] 11.1	[cm] 164.0	[°] 195. 0

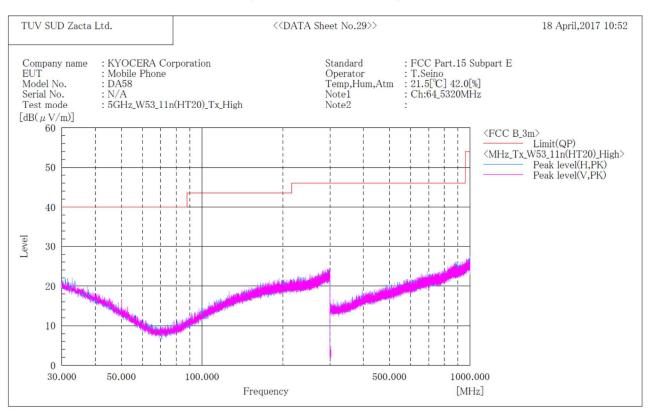
Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]





## [11n(HT20)] W53 / Channel High BELOW 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

#### Final Result

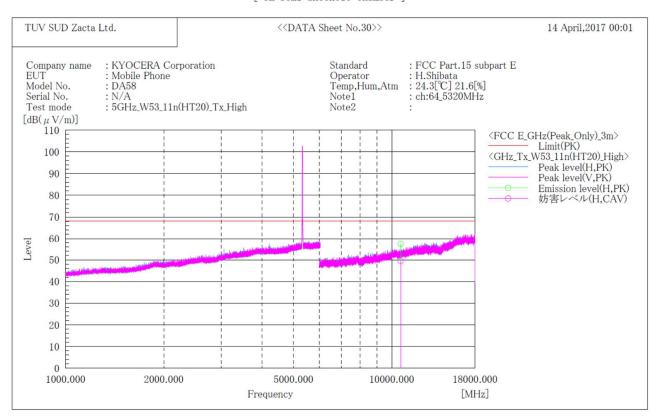
No.	Frequency	(P)	c.f	Height	Ang	gle	Remark
	[MHz]		[dB(1/m)]	[cm]	[°	]	

#### Note:

- 1. Emission Level (Margin) = Limit [Reading + Factor (Antenna + Cable Amp)]
- 2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.



## [11n(HT20)] W53 / Channel High ABOVE 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

Final Result

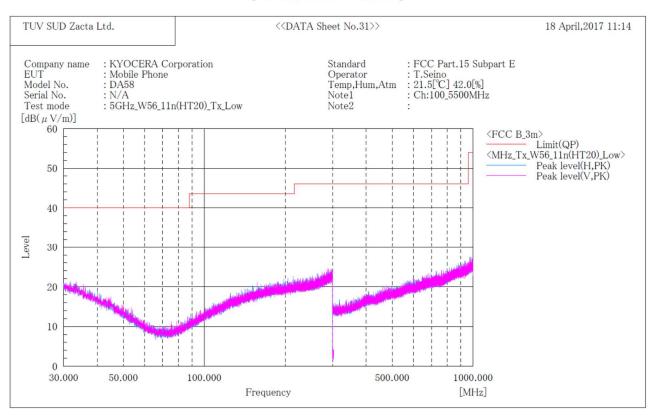
No.	Frequency	(P)	Reading PK	Reading CAV	c.f	Result PK	Result CAV	Limit PK	Margin PK	Margin CAV	Height	Angle	Remark
1	[MHz] 10640.000	H	[dB(μV)] 46.9	[dB(μV)] 38.9	[dB(1/m)] 10.6	[dB(µV/m)] 57.5	[dB(µV/m)] 49.5	[dB(µV/m)] 74.0	[dB] 16.5	[dB] 4.5	[cm] 121.0	[°] 183. 0	

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]



## [11n(HT20)] W56 / Channel Low BELOW 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

#### Final Result

No.	Frequency	(P)	c.f	Height	Angle	Remark
	[MHz]		[dB(1/m)]	[cm]	[°]	

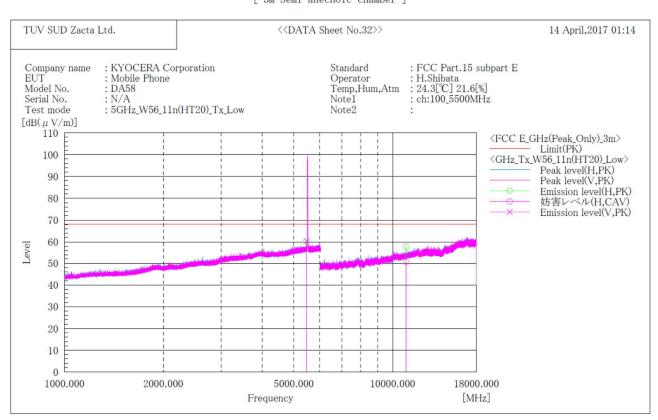
#### Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]





## [11n(HT20)] W56 / Channel Low ABOVE 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

Final Result

No.	Frequency	(P)	Reading	Reading CAV	c.f	Result	Result CAV	Limit	Margin	Margin CAV	Height	Angle	Remark
	[MHz]		$[dB(\mu V)]$	$[dB(\mu V)]$	[dB(1/m)]	$[dB(\mu V/m)]$	$[dB(\mu V/m)]$	$[dB(\mu V/m)]$	[dB]	[dB]	[cm]	[°]	
1	5461.500	H	50.3		10.2	60.5		68.2	7.7		155.0	153.0	
2	5465.400	V	50.1		10.2	60.3		68.2	7.9		162.0	206.0	
3	11000.000	Н	46.6	39.4	11.1	57.7	50.5	74.0	16.3	3.5	154.0	188.0	

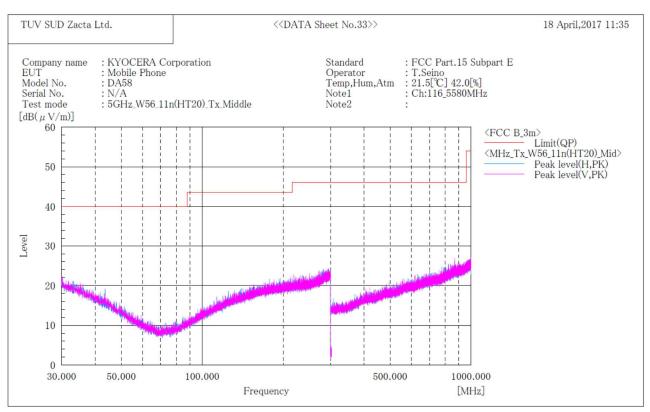
#### Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]





## [11n(HT20)] W56 / Channel Middle BELOW 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

## Final Result

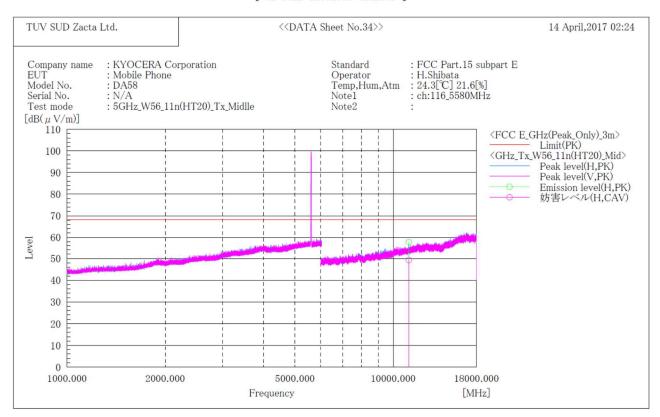
No.	Frequency	(P)	c.f	Height	Angle	Remark
	[MHz]		[dB(1/m)]	[cm]	[°]	

#### Note:

- 1. Emission Level (Margin) = Limit [Reading + Factor (Antenna + Cable Amp)]
- 2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.



## [11n(HT20)] W56 / Channel Middle ABOVE 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

Final Result

No.	Frequency	(P)	Reading	Reading	c.f	Result	Result	Limit	Margin	Margin	Height	Angle
1	[MHz] 11160.000	н	$ \begin{bmatrix} PK \\ [dB(\mu V)] \\ 46.6 \end{bmatrix} $	CAV [dB(μV)] 38.1	[dB(1/m)] 11.2	PK [dB(μV/m)] 57.8	CAV [dB(µV/m)] 49.3	$\begin{bmatrix} PK \\ [dB(\mu V/m)] \\ 74.0 \end{bmatrix}$	PK [dB] 16, 2	CAV [dB]	[cm] 180.0	[°] 146.0
1	11100.000	п	40.0	30.1	11. 4	01.0	49. 5	74.0	10. 2	4. /	100.0	140.0

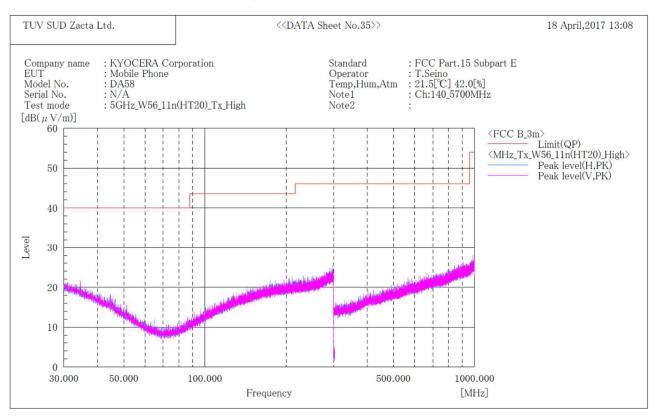
Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]





## [11n(HT20)] W56 / Channel High BELOW 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

#### Final Result

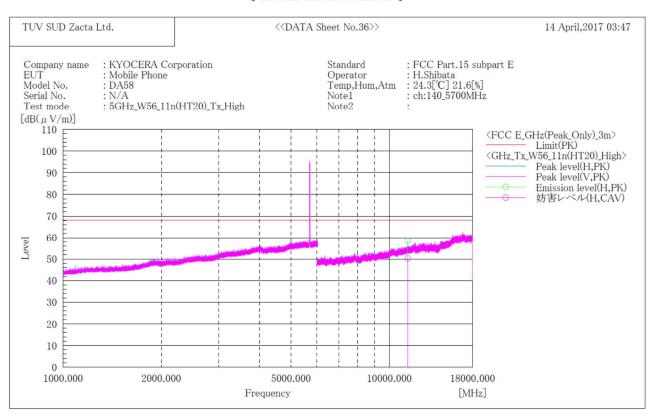
No.	Frequency	(P)	c.f	Height	Angle	Remark
	[MHz]		[dB(1/m)]	[cm]	[°]	

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]



## [11n(HT20)] W56 / Channel High ABOVE 1GHz



#### \*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

Final Result

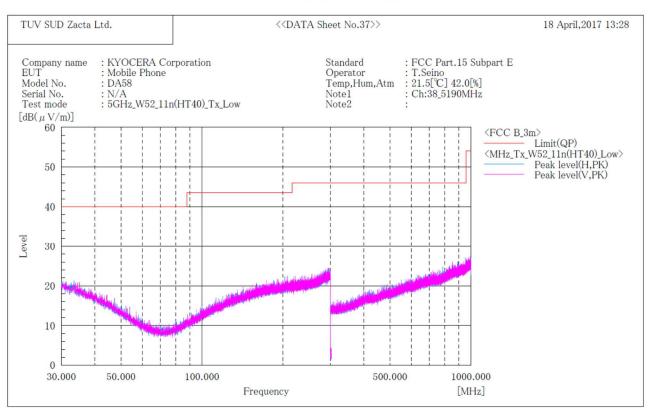
No.	Frequency	(P)	Reading PK	Reading CAV	c.f	Result PK	Result CAV	Limit PK	Margin	Margin CAV	Height	Angle	Remark
1	[MHz] 11400.000	Н	[dB(μV)] 47.0		[dB(1/m)] 11.5	[dB(µV/m)] 58.5	[dB(µV/m)] 50.3	[dB(µV/m)] 74.0	[dB] 15.5	[dB] 3.7	[cm] 148.0	[°] 187.0	

Note:

Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.



## [11n(HT40)] W52 / Channel Low BELOW 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

#### Final Result

No.	Frequency	(P)	c.f	Height	Angle	Remark
	[MHz]		[dB(1/m)]	[cm]	[°]	

#### Note:

- 1. Emission Level (Margin) = Limit [Reading + Factor (Antenna + Cable Amp)]
- 2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.



## [11n(HT40)] W52 / Channel Low ABOVE 1GHz

TU	/ SUD Zacta	Ltd.	< <data :<="" th=""><th>Sheet No.38</th><th>&gt;&gt;</th><th></th><th>14 April,2017 04:54</th></data>	Sheet No.38	>>		14 April,2017 04:54
EU Moo Seri Tes	npany name Γ del No. al No. t mode μ V/m)]	: KYOCERA Cor : Mobile Phone : DA58 : N/A : 5GHz_W52_11n		Standard Operator Temp,Hui Note1 Note2	n,Atm	: FCC Part.15 : H.Shibata : 24.3[°C] 21.6 : ch:38_5190MI :	[%]
	110       90       80       70       60       50						<fcc e_ghz(peak_only)_3m=""> Limit(PK) <ghz_tx_w52_11n(ht40)_low> Peak level(H,PK) Peak level(V,PK) Emission level(H,PK)</ghz_tx_w52_11n(ht40)_low></fcc>
	40 30 20 10						
	0 E 1000.000	2000.00	5000.000 equency	. : :	.0000.	000 1800 [M	

#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

## Final Result

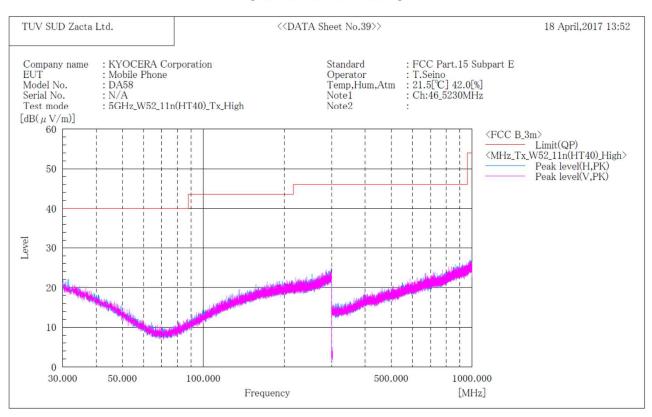
No.	Frequency	(P)	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		$\frac{\text{PK}}{[\text{dB}(\mu \text{ V})]}$	[dB(1/m)]	$\frac{\text{PK}}{[\text{dB}(\mu \text{ V/m})]}$	$\frac{\text{PK}}{[\text{dB}(\mu \text{ V/m})]}$	PK [dB]	[cm]	[°]	
1	10380.000	H	47.1	10.3	57.4	68.2	10.8	163.0	188.0	

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]



## [11n(HT40)] W52 / Channel High BELOW 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

#### Final Result

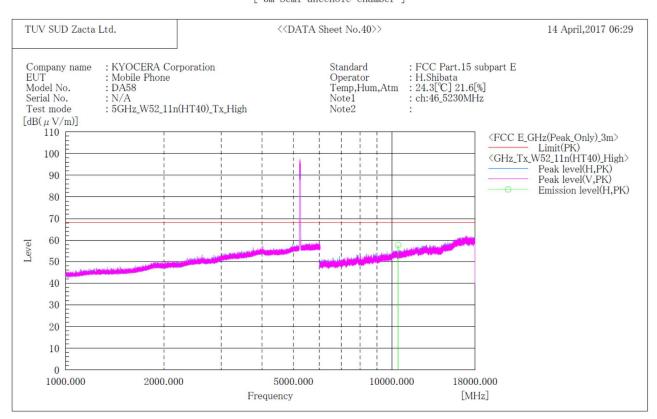
No.	Frequency	(P)	c.f	Height	Angle	Remark
	[MHz]		[dB(1/m)]	[cm]	[°]	

#### Note:

- 1. Emission Level (Margin) = Limit [Reading + Factor (Antenna + Cable Amp)]
- 2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.



## [11n(HT40)] W52 / Channel High ABOVE 1GHz



#### \*\*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

Final Result

No.	Frequency	(P)	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
			PK		PK	PK	PK			
	[MHz]		$[dB(\mu V)]$	$\left[ dB(1/m) \right]$	$[dB(\mu V/m)]$	$[dB(\mu V/m)]$	[dB]	[cm]	[°]	
1	10460.000	H	47.4	10.4	57.8	68.2	10.4	158.0	182.0	

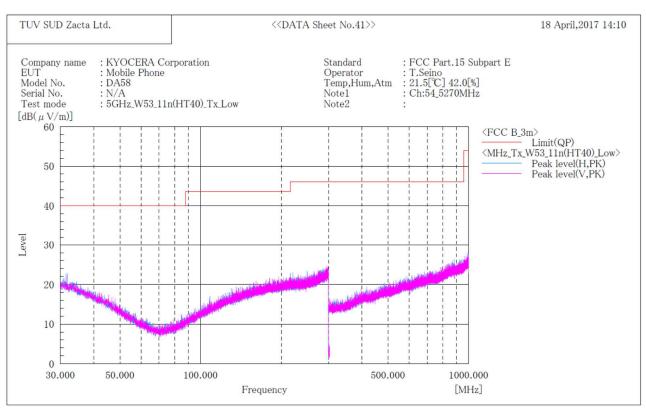
#### Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]



Zacta

## [11n(HT40)] W53 / Channel Low BELOW 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

## Final Result

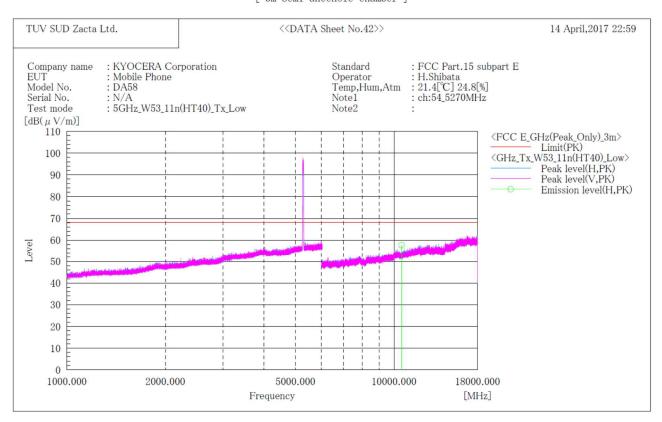
No.	Frequency	(P)	c.f	Height	Angle	Remark
	[MHz]		[dB(1/m)]	[cm]	[°]	

#### Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]



## [11n(HT40)] W53 / Channel Low ABOVE 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

Final Result

No.	Frequency	(P)	Reading PK	c. f	Result PK	Limit PK	Margin PK	Height	Angle
1	[MHz] 10540.000	Н	[dB(μV)] 47.2	[dB(1/m)] 10.5	$[dB(\mu V/m)] = 57.7$	$\begin{bmatrix} dB(\mu V/m) \end{bmatrix} \\ 68.2$	[dB] 10.5	[cm] 168.0	[°] 155.0

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]



## [11n(HT40)] W53 / Channel High **BELOW 1GHz**

TUV SUD Zacta Ltd.				< <data no.43="" sheet="">&gt;</data>		18 April,2017 14:3		
EUT Mod Seri Test	lel No. al No. t mode μV/m)	: Mobile Ph : DA58 : N/A : 5GHz_W5	A Corporation one 3_11n(HT40)_Tx_High	Standard Operator Temp,Hum,Atm Note1 Note2	: FCC Part.15 Subpart E : T.Seino : 21.5[°C] 42.0[%] : Ch:62_5310MHz :			
	<sup>60</sup>				<pre> <fcc <="" b_:="" pre=""> <pre> </pre> </fcc></pre>	Bm> Limit(QP) _W53_11n(HT40)_High> Peak level(H,PK)		
	50					Peak level(V,PK)		
	40							
Level	30							
	20		and the state of the					
	10							
	0 30.00	0 50.000	100.000	500.00	0 1000.000			
	50.00	00.000	Freque		[MHz]			

# \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

Final Result

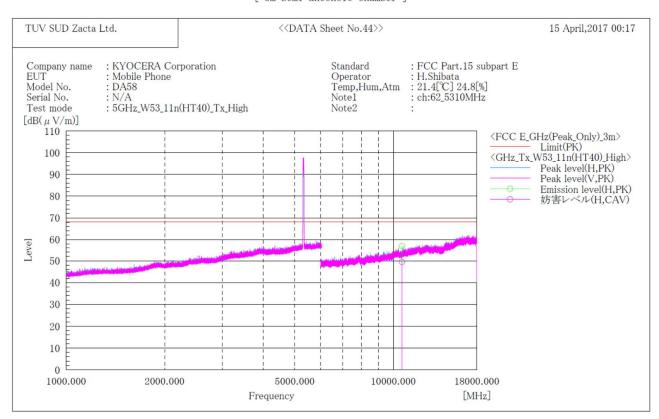
No.	Frequency	(P)	c.f	Height	Angle	Remark
	[MHz]		[dB(1/m)]	[cm]	[°]	

Note:

Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.



## [11n(HT40)] W53 / Channel High ABOVE 1GHz



#### \*\*\*\*\*\* RADIATED EMISSION \*\*\*\*\*\* [ 3m Semi-anechoic chamber ]

Final Result

No.	Frequency	(P)	Reading	Reading	c.f	Result	Result	Limit	Margin	Margin	Height	Angle
			PK	CAV		PK	CAV	PK	PK	CAV		
	[MHz]		$[dB(\mu V)]$	$[dB(\mu V)]$	$\left[ dB(1/m) \right]$	$[dB(\mu V/m)]$	$[dB(\mu V/m)]$	$[dB(\mu V/m)]$	[dB]	[dB]	[cm]	[°]
1	10620.000	H	46.4	39.0	10.5	56.9	49.5	74.0	17.1	4.5	154.0	173.0

#### Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]