

9.4. TEST RESULTS

(9KHz-30MHz)

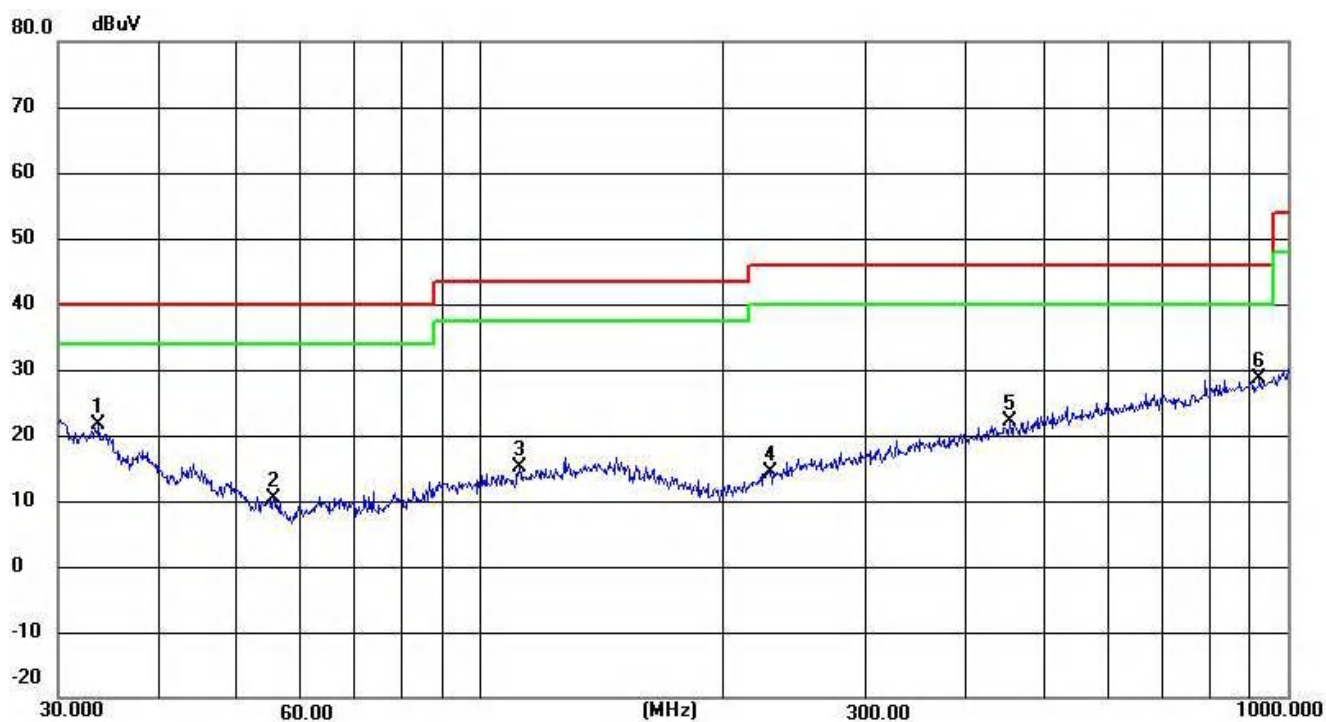
Note:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

(30MHz-1000MHz)

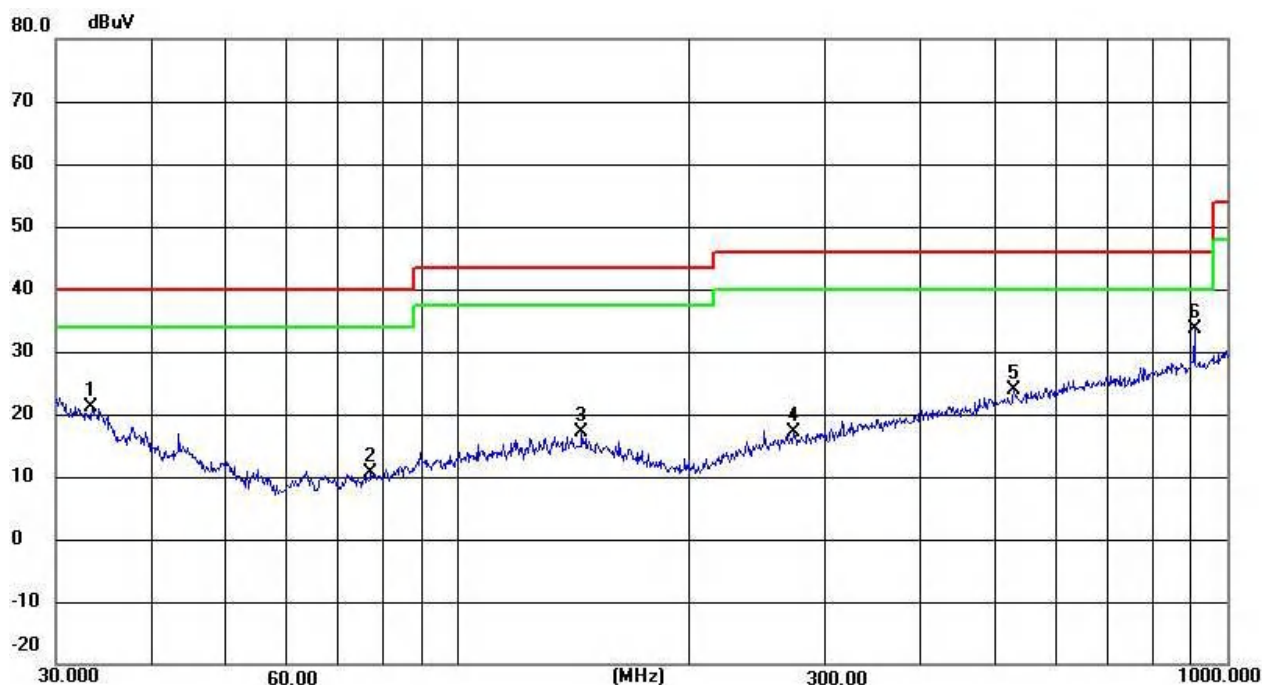
802.11a

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	33.6802	31.28	-9.65	21.63	40.00	-18.37	QP
2	55.4147	30.26	-19.80	10.46	40.00	-29.54	QP
3	111.7380	47.30	-32.18	15.12	43.50	-28.38	QP
4	228.4904	46.49	-32.01	14.48	46.00	-31.52	QP
5	452.7197	53.68	-31.44	22.24	46.00	-23.76	QP
6	922.5157	59.27	-30.68	28.59	46.00	-17.41	QP

Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	33.4449	30.51	-9.50	21.01	40.00	-18.99	QP
2	77.0505	42.78	-32.15	10.63	40.00	-29.37	QP
3	144.8418	49.18	-32.13	17.05	43.50	-26.45	QP
4	273.2341	49.04	-31.94	17.10	46.00	-28.90	QP
5	528.2458	55.01	-31.25	23.76	46.00	-22.24	QP
6	906.4824	64.20	-30.69	33.51	46.00	-12.49	QP

Remark:

1. Margin = Result (Result = Reading + Factor) – Limit

2. All modes were tested, and mode 802.11a had the worst data. Only the worst mode is reflected in the report.

(1GHz~40GHz) Restricted band and Spurious emission Requirements

802.11a

Polar (H/V)	Frequency	Meter Reading	Pre- amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel:5745MHz									
V	11490	42.14	32.29	8.39	38.9	57.14	74	-16.86	PK
V	11490	20.9	32.29	8.39	38.9	35.9	54	-18.1	AV
V	17233.3	38.04	31.19	9.62	40.37	56.84	68.2	-11.36	PK
V	17233.3	20.93	31.19	9.62	40.37	39.73	54	-14.27	AV
V	22980	39.23	27.02	7.2	38.98	58.39	74	-15.61	PK
V	22980	18.99	27.02	7.2	38.98	38.15	54	-15.85	AV
V	28723.3	36.55	27.1	7.56	40.18	57.19	68.2	-11.01	PK
V	28723.3	17.07	27.1	7.56	40.18	37.71	54	-16.29	AV
H	11490	42.82	32.29	8.39	38.9	57.82	74	-16.18	PK
H	11490	21.39	32.29	8.39	38.9	36.39	54	-17.61	AV
H	17233.3	38.56	31.19	9.62	40.37	57.36	68.2	-10.84	PK
H	17233.3	17.85	31.19	9.62	40.37	36.65	54	-17.35	AV
H	22980	36.72	27.02	7.2	38.98	55.88	74	-18.12	PK
H	22980	20.13	27.02	7.2	38.98	39.29	54	-14.71	AV
H	28723.3	37.77	27.1	7.56	40.18	58.41	68.2	-9.79	PK
H	28723.3	16.03	27.1	7.56	40.18	36.67	54	-17.33	AV

Polar (H/V)	Frequency	Meter Reading	Pre- amplifier	Cable LosS	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:5785MHz									
V	11570	41.96	32.26	8.48	38.9	57.08	74	-16.92	PK
V	11570	17.78	32.26	8.48	38.9	32.9	54	-21.1	AV
V	17353.3	37.12	31.08	9.67	40.61	56.32	68.2	-11.88	PK
V	17353.3	15.96	31.08	9.67	40.61	35.16	54	-18.84	AV
V	23140	36.06	27.03	7.24	39.03	55.3	68.2	-12.9	PK
V	23140	15.95	27.03	7.24	39.03	35.19	54	-18.81	AV
V	28923.3	36.07	27.1	7.58	40.34	56.89	68.2	-11.31	PK
V	28923.3	17.04	27.1	7.58	40.34	37.86	54	-16.14	AV
H	11570	37.48	32.26	8.48	38.9	52.6	74	-21.4	PK
H	11570	19.25	32.26	8.48	38.9	34.37	54	-19.63	AV
H	17353.3	35.93	31.08	9.67	40.61	55.13	68.2	-13.07	PK
H	17353.3	15.82	31.08	9.67	40.61	35.02	54	-18.98	AV
H	23140	35.56	27.03	7.24	39.03	54.8	68.2	-13.4	PK
H	23140	16.09	27.03	7.24	39.03	35.33	54	-18.67	AV
H	28923.3	36.04	27.1	7.58	40.34	56.86	68.2	-11.34	PK
H	28923.3	13.71	27.1	7.58	40.34	34.53	54	-19.47	AV

Polar (H/V)		Frequency	Meter Reading	Pre- amplifier	Cable LosS	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
		(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5825MHz										
V	11650	44.55	32.23	8.56	38.9	59.78	74	-14.22	PK	
V	11650	32.16	32.23	8.56	38.9	47.39	54	-6.61	AV	
V	17473.3	43.35	30.97	9.73	40.85	62.96	68.2	-5.24	PK	
V	17473.3	27.44	30.97	9.73	40.85	47.05	54	-6.95	AV	
V	23300	41.33	27.03	7.26	39.06	60.62	68.2	-7.58	PK	
V	23300	23.84	27.03	7.26	39.06	43.13	54	-10.87	AV	
V	29123.3	41.2	27.1	7.61	40.4	62.11	68.2	-6.09	PK	
V	29123.3	23.57	27.1	7.61	40.4	44.48	54	-9.52	AV	
H	11650	44.54	32.23	8.56	38.9	59.77	74	-14.23	PK	
H	11650	30.48	32.23	8.56	38.9	45.71	54	-8.29	AV	
H	17473.3	44.08	30.97	9.73	40.85	63.69	68.2	-4.51	PK	
H	17473.3	27.3	30.97	9.73	40.85	46.91	54	-7.09	AV	
H	23300	44.31	27.03	7.26	39.06	63.6	68.2	-4.6	PK	
H	23300	23.8	27.03	7.26	39.06	43.09	54	-10.91	AV	
H	29123.3	38.14	27.1	7.61	40.4	59.05	68.2	-9.15	PK	
H	29123.3	23.7	27.1	7.61	40.4	44.61	54	-9.39	AV	

Polar (H/V)		Frequency	Meter Reading	Pre- amplifier	Cable LosS	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
		(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Low Channel:5180MHz										
V	10360	45.76	32.7	7.72	38.59	59.37	68.2	-8.83	PK	
V	10360	24.44	32.7	7.72	38.59	38.05	54	-15.95	AV	
V	15540	43.17	31.74	9.44	39.29	60.16	74	-13.84	PK	
V	15540	18.34	31.74	9.44	39.29	35.33	54	-18.67	AV	
V	20720	42.69	26.93	6.64	37.94	60.34	74	-13.66	PK	
V	20720	19.15	26.93	6.64	37.94	36.8	54	-17.2	AV	
V	25900	36.95	27.1	7.9	39.32	57.07	68.2	-11.13	PK	
V	25900	22.75	27.1	7.9	39.32	42.87	54	-11.13	AV	
H	10360	38.59	32.7	7.72	38.59	52.2	68.2	-16	PK	
H	10360	23.14	32.7	7.72	38.59	36.75	54	-17.25	AV	
H	15540	38.81	31.74	9.44	39.29	55.8	74	-18.2	PK	
H	15540	23.16	31.74	9.44	39.29	40.15	54	-13.85	AV	
H	20720	42.22	26.93	6.64	37.94	59.87	74	-14.13	PK	
H	20720	17.51	26.93	6.64	37.94	35.16	54	-18.84	AV	
H	25900	40.13	27.1	7.9	39.32	60.25	68.2	-7.95	PK	
H	25900	20.75	27.1	7.9	39.32	40.87	54	-13.13	AV	

Polar (H/V)		Frequency	Meter Reading	Pre- amplifier	Cable LosS	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
		(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
Middle Channel:5200MHz										
V	10400	44.72	32.69	7.73	38.62	58.38	68.2	-9.82	PK	
V	10400	25.7	32.69	7.73	38.62	39.36	54	-14.64	AV	
V	15600	40.51	31.72	9.45	39.28	57.52	74	-16.48	PK	
V	15600	21.08	31.72	9.45	39.28	38.09	54	-15.91	AV	
V	20800	38.14	26.93	6.73	37.96	55.9	74	-18.1	PK	
V	20800	21.46	26.93	6.73	37.96	39.22	54	-14.78	AV	
V	26000	38.28	27.1	7.94	39.3	58.42	68.2	-9.78	PK	
V	26000	17.21	27.1	7.94	39.3	37.35	54	-16.65	AV	
H	10400	42.85	32.69	7.73	38.62	56.51	68.2	-11.69	PK	
H	10400	21.33	32.69	7.73	38.62	34.99	54	-19.01	AV	
H	15600	39.74	31.72	9.45	39.28	56.75	74	-17.25	PK	
H	15600	21.36	31.72	9.45	39.28	38.37	54	-15.63	AV	
H	20800	40.07	26.93	6.73	37.96	57.83	74	16.17	PK	
H	20800	19.46	26.93	6.73	37.96	37.22	54	-16.78	AV	
H	26000	38.51	27.1	7.94	39.3	58.65	68.2	-9.55	PK	
H	26000	17.07	27.1	7.94	39.3	37.21	54	-16.79	AV	

Polar (H/V)		Frequency	Meter Reading	Pre- amplifier	Cable LosS	Antenna Factor	Emission Level	Limits	Margin	Detect or Type
		(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	
High Channel:5240MHz										
V	10480	40.9	32.66	7.74	38.68	54.66	68.2	-13.54	PK	
V	10480	25.55	32.66	7.74	38.68	39.31	54	-14.69	AV	
V	15720	37.59	31.68	9.48	39.26	54.65	74	-19.35	PK	
V	15720	18.59	31.68	9.48	39.26	35.65	54	-18.35	AV	
V	20960	38.05	26.94	6.91	37.99	56.01	74	-17.99	PK	
V	20960	20.77	26.94	6.91	37.99	38.73	54	-15.27	AV	
V	26200	39.22	27.1	7.89	39.5	59.51	68.2	-8.69	PK	
V	26200	16.02	27.1	7.89	39.5	36.31	54	-17.69	AV	
H	10480	45.75	32.66	7.74	38.68	59.51	68.2	-8.69	PK	
H	10480	24.58	32.66	7.74	38.68	38.34	54	-15.66	AV	
H	15720	41.07	31.68	9.48	39.26	58.13	74	-15.87	PK	
H	15720	21.09	31.68	9.48	39.26	38.15	54	-15.85	AV	
H	20960	39.61	26.94	6.91	37.99	57.57	74	-16.43	PK	
H	20960	21.14	26.94	6.91	37.99	39.1	54	-14.9	AV	
H	26200	35.69	27.1	7.89	39.5	55.98	68.2	-12.22	PK	
H	26200	18.91	27.1	7.89	39.5	39.2	54	-14.8	AV	

Remark:

1. Emission Level=Meter Reading+Antenna Factor+Cable Loss-Pre-amplifier,
Margin=Emission Level-Limit
- 2.If peak below the average limit,the average emission was no test.
- 3.The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
- 4.The worst mode is 802.11a,only the worst data is recorded.



Radiated Band Edge data

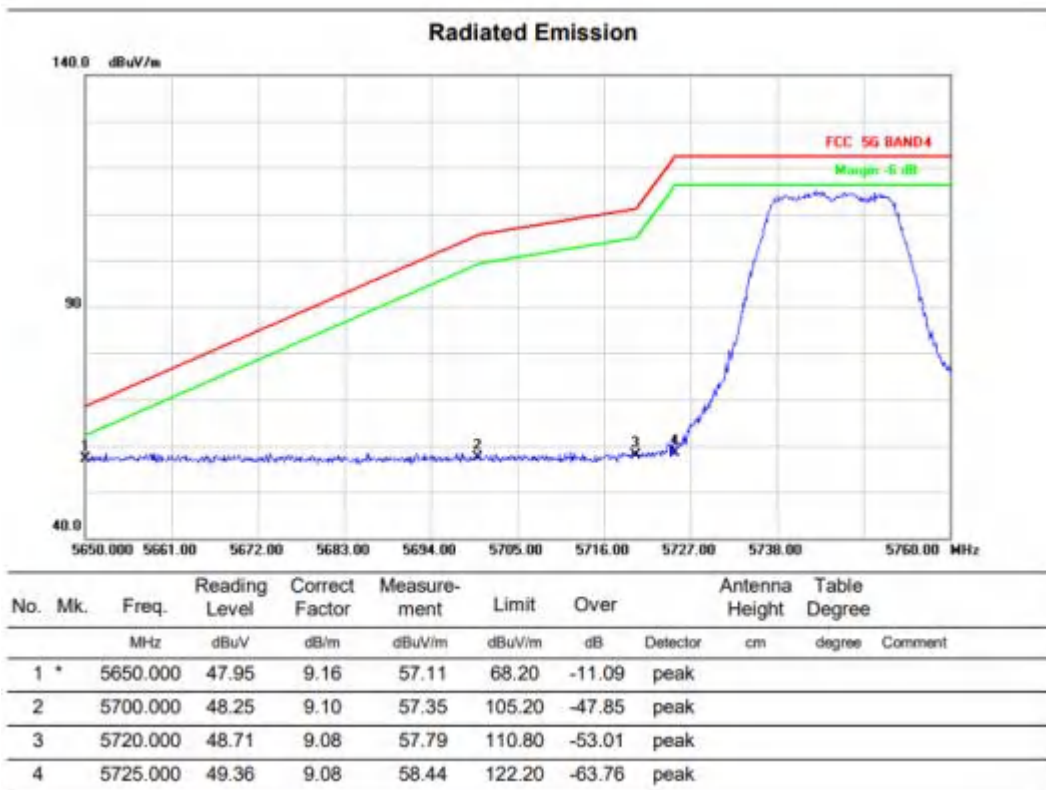
EUT:		Android Car Radio				Model Name.:		YC665	
Temperature:		20 °C				Relative Humidity:		48%	
Pressure:		1010 hPa				Test Voltage:		AC 120V/60Hz	
Test Mode:		TX(5.2G)-802.11a							
Frequency	Meter Reading	Cable Loss	Antenna Factor	Preamp Factor	Emission Level	Limits	Margin	Detector	Comment
(MHz)	(dBμV)	(dB)	dB/m	(dB)	(dBμV/m)	(dBμV/m)	(dB)	Type	
5.2G WIFI-802.11a Mode									
4500	56.12	5.2	35.6	44.2	52.72	74	-21.28	Pk	Horizontal
4500	47.68	5.2	35.6	44.2	44.28	54	-9.72	AV	Horizontal
4500	59.35	5.2	35.6	44.2	55.95	74	-18.05	Pk	Vertical
4500	46.21	5.2	35.6	44.2	42.81	54	-11.19	AV	Vertical
5150	70.38	5.36	35.66	44.22	67.18	74	-6.82	Pk	Horizontal
5150	49.54	5.36	35.66	44.22	46.34	54	-7.66	AV	Horizontal
5150	56.47	5.36	35.66	44.22	53.27	74	-20.73	Pk	Vertical
5150	38.14	5.36	35.66	44.22	34.94	54	-19.06	AV	Vertical
5350	65.43	5.68	35.68	44.22	62.57	74	-11.43	Pk	Vertical
5350	47.18	5.68	35.68	44.22	44.32	54	-9.68	AV	Vertical
5350	61.32	5.68	35.68	44.22	58.46	74	-15.54	Pk	Horizontal
5350	45.55	5.68	35.68	44.22	42.69	54	-11.31	AV	Horizontal

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

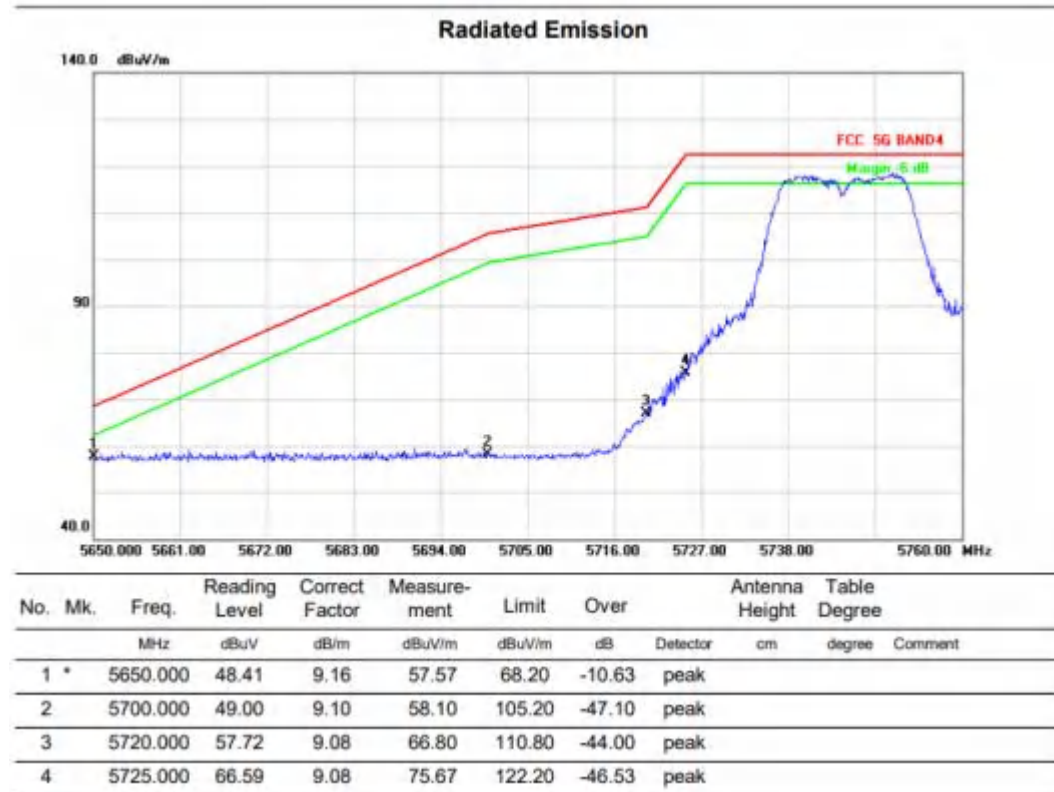
Note:(1)Emission Level=Antenna Factor+Cable Loss+Read Level-Preamplifier Factor.

(2)When PK value is lower than the Average value limit,average don't record.

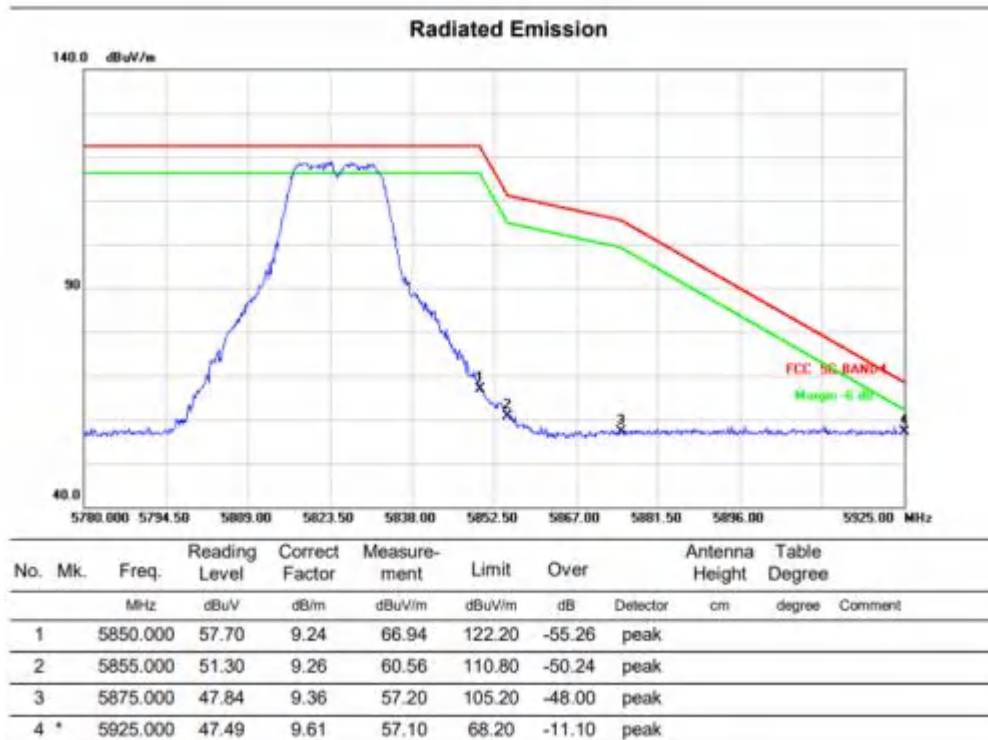
11a Channel 149: Horizontal



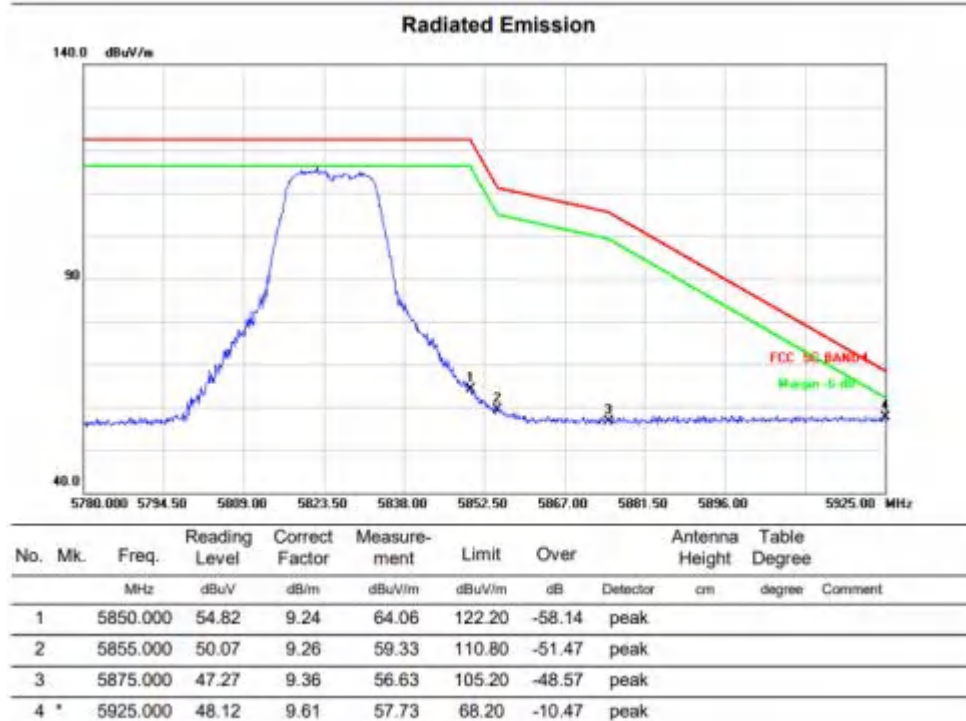
11a Channel 149: Vertical



11a Channel 161: Horizontal



11a Channel 161: Vertical



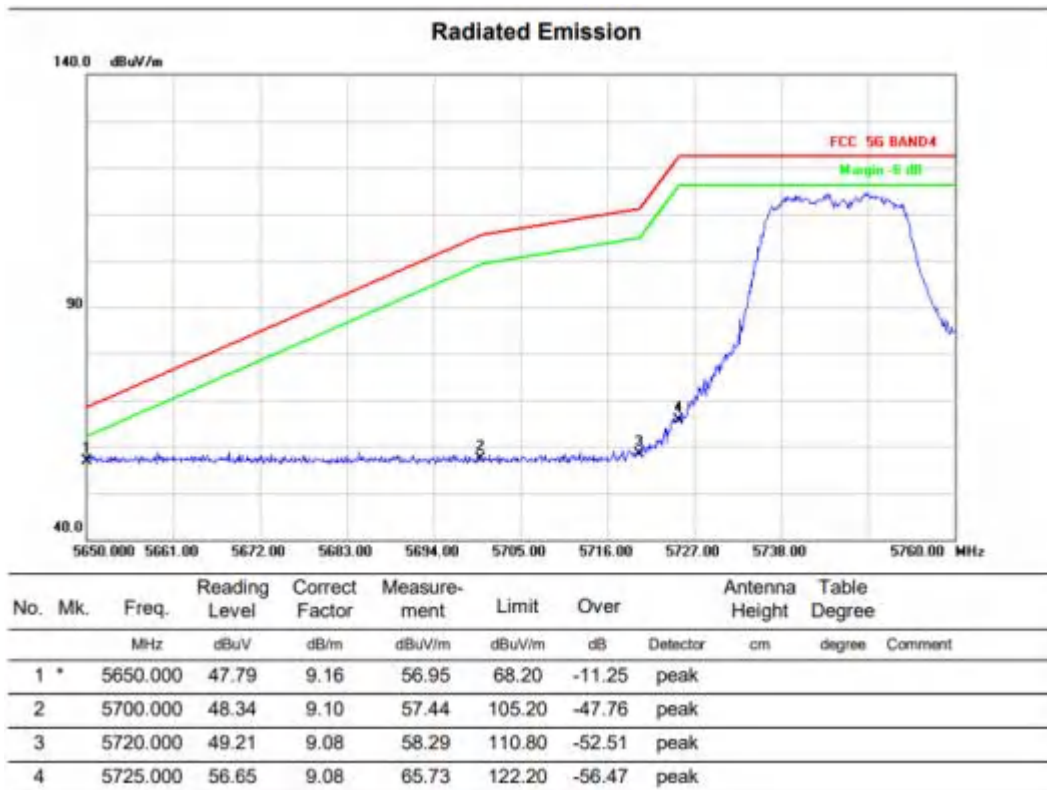


EUT:		Android Car Radio				Model Name.:		YC665	
Temperature:		20 °C				Relative Humidity:		48%	
Pressure:		1010 hPa				Test Voltage:		AC 120V/60Hz	
Test Mode:		TX(5.2G)-802.11n20							
Frequency	Meter Reading	Cable Loss	Antenna Factor	Preamplifier Factor	Emission Level	Limits	Margin	Detector	Comment
(MHz)	(dBμV)	(dB)	dB/m	(dB)	(dBμV/m)	(dBμV/m)	(dB)	Type	
5.2G WIFI-802.11n20 Mode									
4500	55.46	5.2	35.6	44.2	52.06	74	-21.94	Pk	Horizontal
4500	46.12	5.2	35.6	44.2	42.72	54	-11.28	AV	Horizontal
4500	58.15	5.2	35.6	44.2	54.75	74	-19.25	Pk	Vertical
4500	47.38	5.2	35.6	44.2	43.98	54	-10.02	AV	Vertical
5150	71.01	5.36	35.66	44.22	67.81	74	-6.19	Pk	Horizontal
5150	48.99	5.36	35.66	44.22	45.79	54	-8.21	AV	Horizontal
5150	55.39	5.36	35.66	44.22	52.19	74	-21.81	Pk	Vertical
5150	39.01	5.36	35.66	44.22	35.81	54	-18.19	AV	Vertical
5350	64.32	5.68	35.68	44.22	61.46	74	-12.54	Pk	Vertical
5350	46.89	5.68	35.68	44.22	44.03	54	-9.97	AV	Vertical
5350	62.10	5.68	35.68	44.22	59.24	74	-14.76	Pk	Horizontal
5350	44.25	5.68	35.68	44.22	41.39	54	-12.61	AV	Horizontal

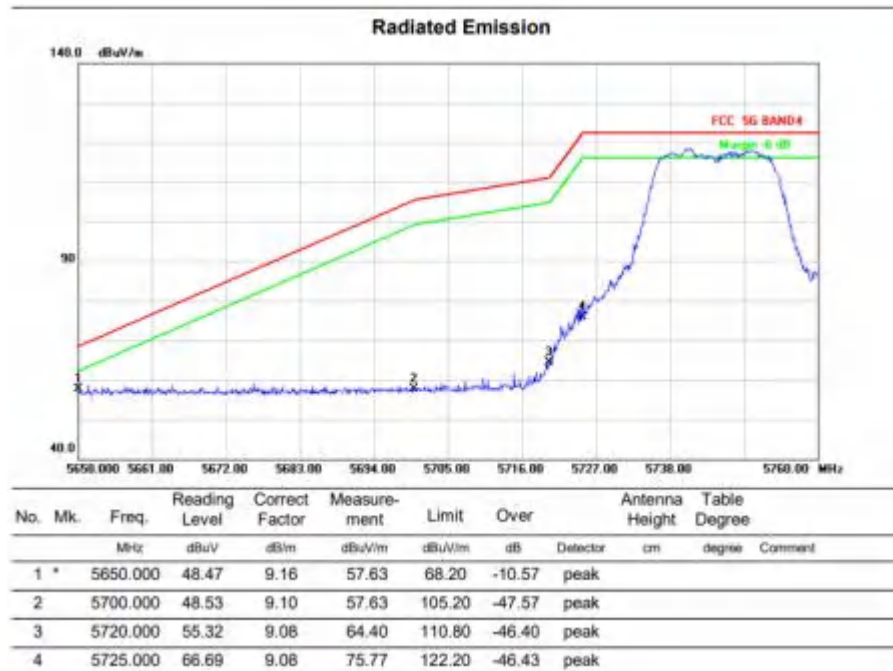
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Note:(1)Emission Level=Antenna Factor+Cable Loss+Read Level-Preamplifier Factor
(2)When PK value is lower than the Average value limit,average don't record.

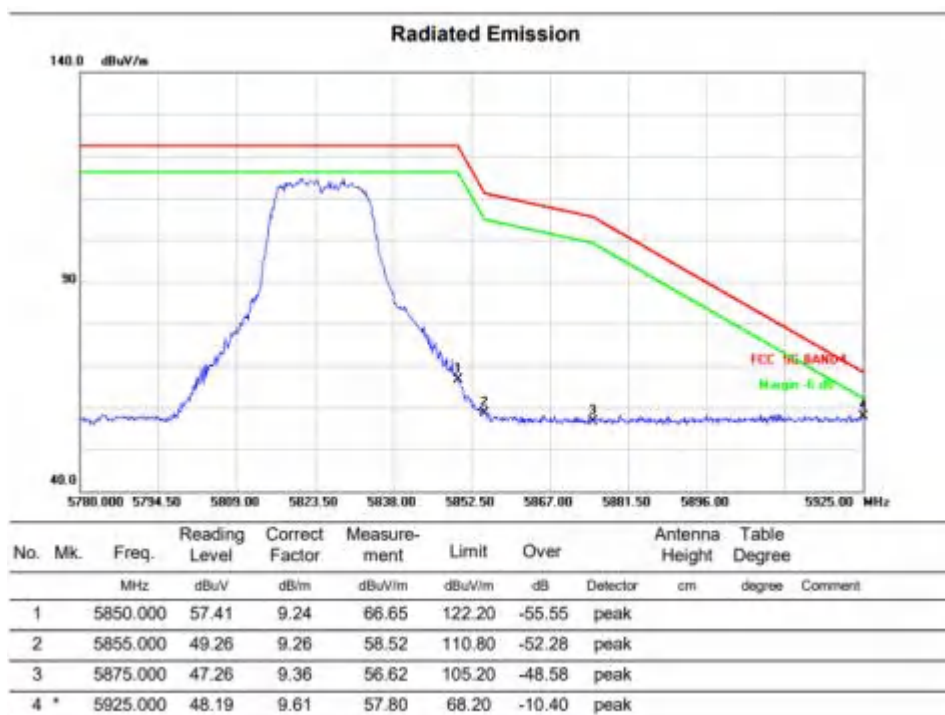
11n20 Channel 149: Horizontal



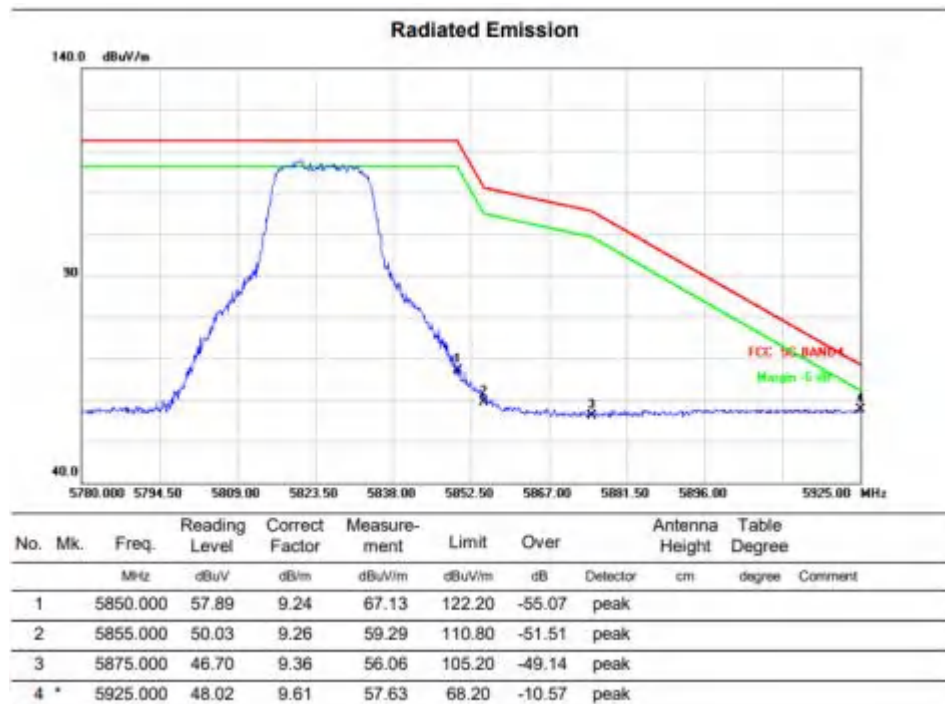
11n20 Channel 149: Vertical



11n20 Channel 165: Horizontal



11n20 Channel 165: Vertical



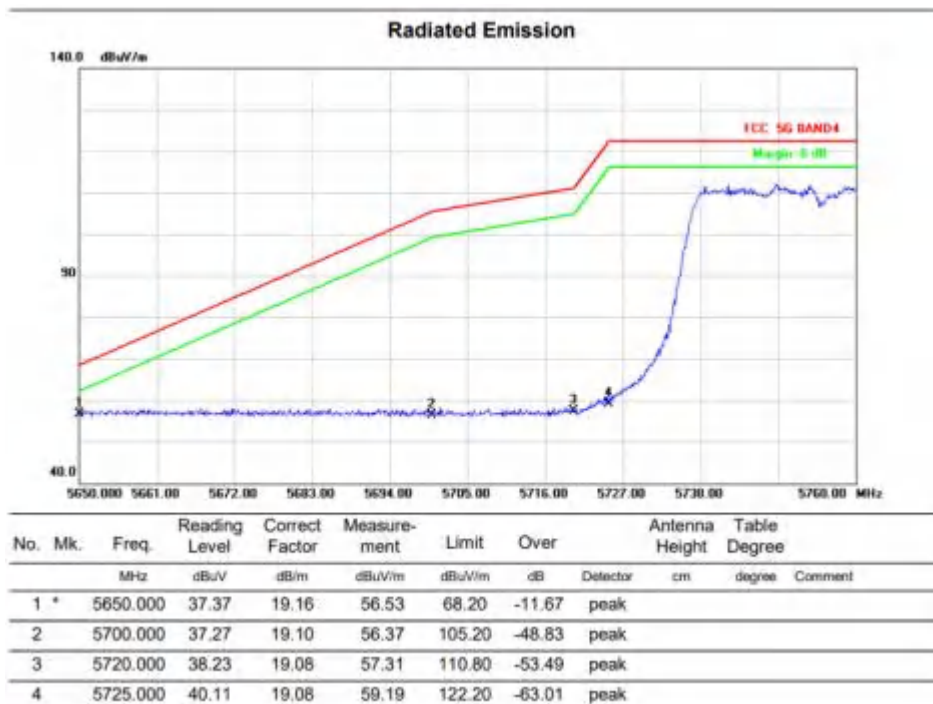


EUT:		Android Car Radio				Model Name.:		YC665	
Temperature:		20 °C				Relative Humidity:		48%	
Pressure:		1010 hPa				Test Voltage:		AC 120V/60Hz	
Test Mode:		TX(5.2G)-802.11n40							
Frequency	Meter Reading	Cable Loss	Antenna Factor	Preamp Factor	Emission Level	Limits	Margin	Detector	Comment
(MHz)	(dBμV)	(dB)	dB/m	(dB)	(dBμV/m)	(dBμV/m)	(dB)	Type	
5.2G WIFI-802.11n40 Mode									
4500	55.01	5.2	35.6	44.2	51.61	74	-22.39	Pk	Horizontal
4500	46.28	5.2	35.6	44.2	42.88	54	-11.12	AV	Horizontal
4500	58.28	5.2	35.6	44.2	54.88	74	-19.12	Pk	Vertical
4500	47.47	5.2	35.6	44.2	44.07	54	-9.93	AV	Vertical
5150	71.18	5.36	35.66	44.22	67.98	74	-6.02	Pk	Horizontal
5150	48.24	5.36	35.66	44.22	45.04	54	-8.96	AV	Horizontal
5150	55.17	5.36	35.66	44.22	51.97	74	-22.03	Pk	Vertical
5150	39.89	5.36	35.66	44.22	36.69	54	-17.31	AV	Vertical
5350	64.56	5.68	35.68	44.22	61.7	74	-12.3	Pk	Vertical
5350	46.48	5.68	35.68	44.22	43.62	54	-10.38	AV	Vertical
5350	62.37	5.68	35.68	44.22	59.51	74	-14.49	Pk	Horizontal
5350	44.09	5.68	35.68	44.22	41.23	54	-12.77	AV	Horizontal

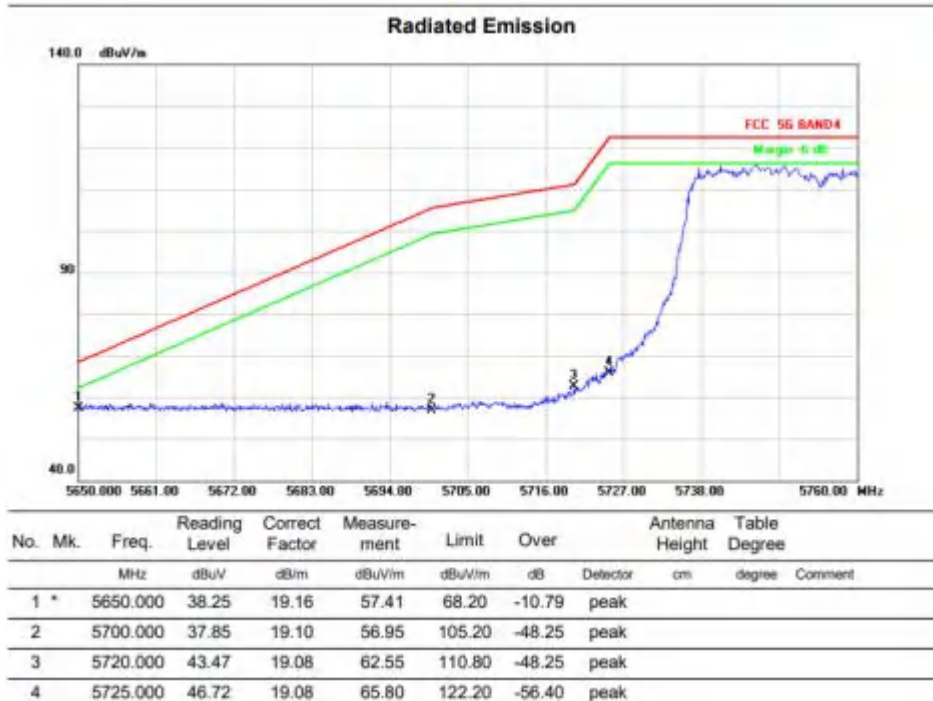
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Note:(1)Emission Level=Antenna Factor+Cable Loss+Read Level-Preamplifier Factor
(2)When PK value is lower than the Average value limit,average don't record.

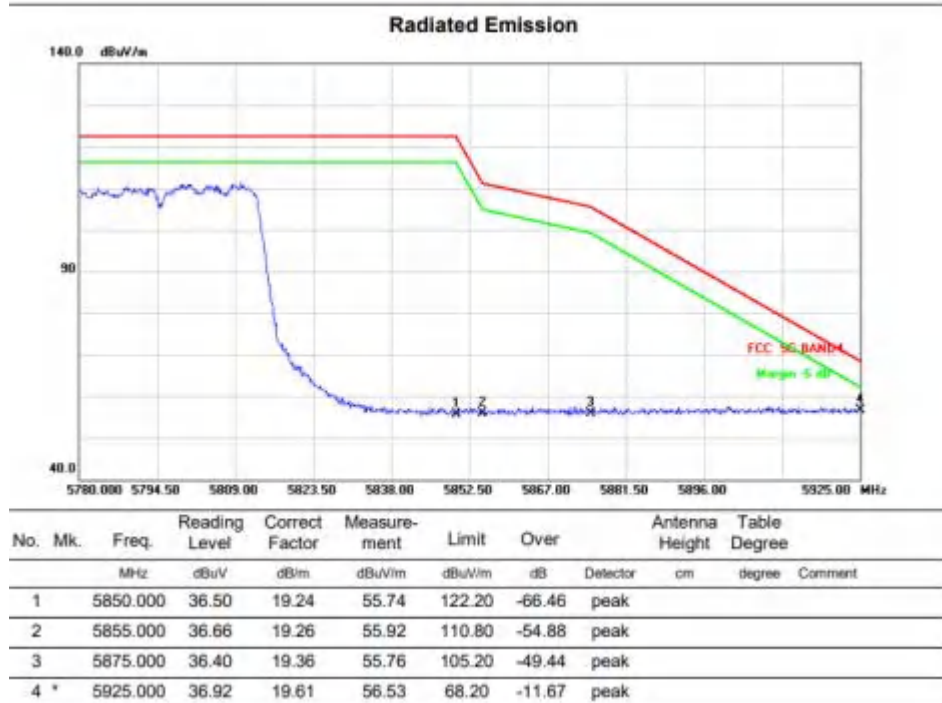
11n40 Channel 151: Horizontal



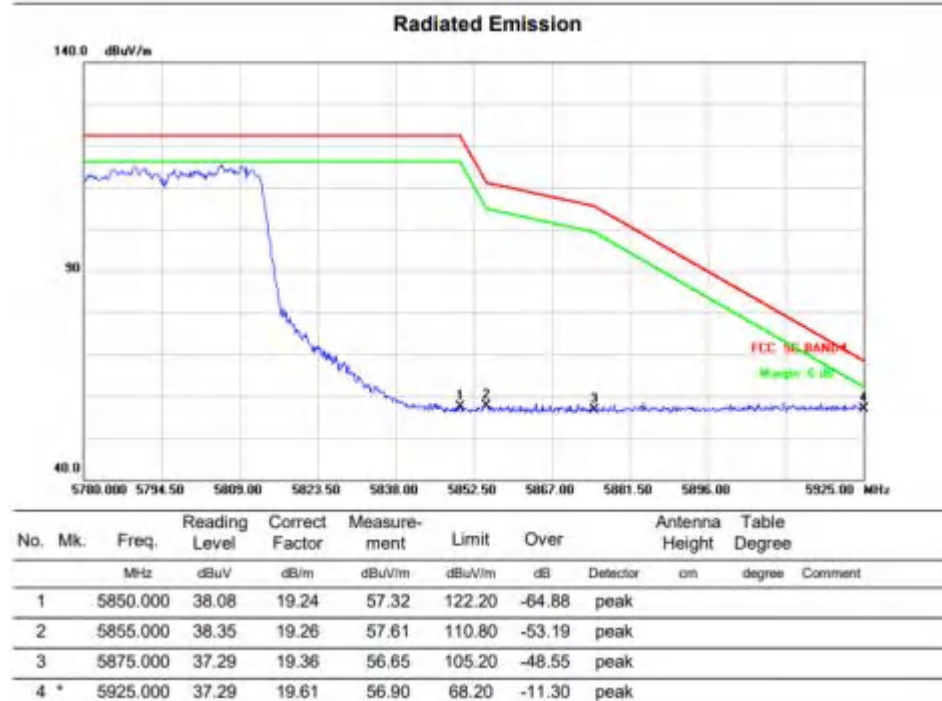
11n40 Channel 151: Vertical



11n40 Channel 159: Horizontal



11n40 Channel 159: Vertical



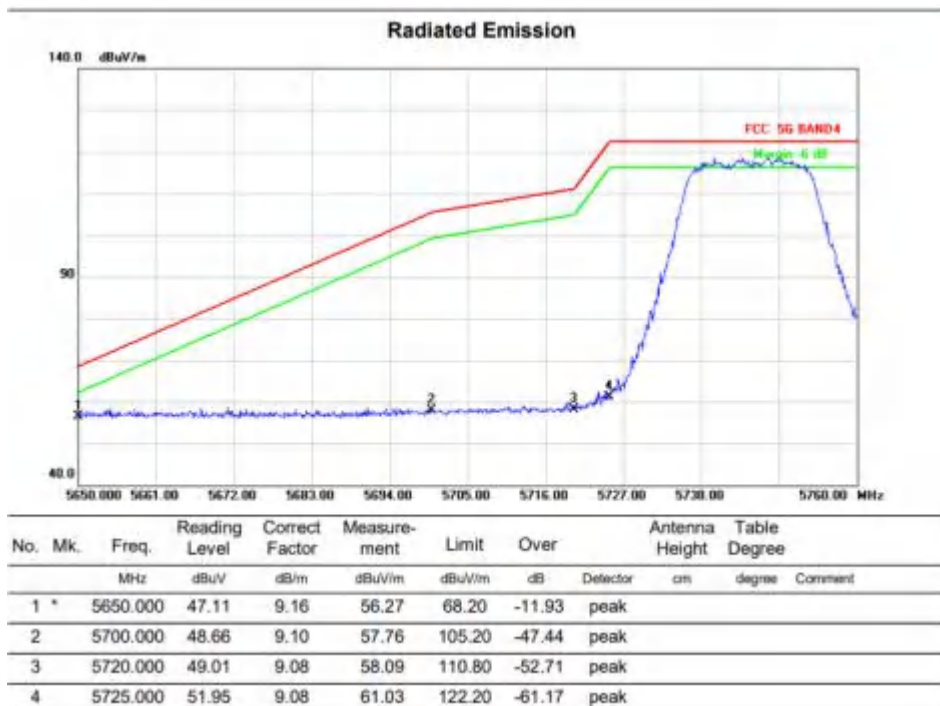


EUT:		Android Car Radio				Model Name.:		YC665	
Temperature:		20 °C				Relative Humidity:		48%	
Pressure:		1010 hPa				Test Voltage:		AC 120V/60Hz	
Test Mode:		TX(5.2G)-802.11ac20							
Frequency	Meter Reading	Cable Loss	Antenna Factor	Preampl Factor	Emission Level	Limits	Margin	Detector	Comment
(MHz)	(dBμV)	(dB)	dB/m	(dB)	(dBμV/m)	(dBμV/m)	(dB)	Type	
5.2G WIFI-802.11ac20 Mode									
4500	55.98	5.2	35.6	44.2	52.58	74	-21.42	Pk	Horizontal
4500	46.64	5.2	35.6	44.2	43.24	54	-10.76	AV	Horizontal
4500	58.37	5.2	35.6	44.2	54.97	74	-19.03	Pk	Vertical
4500	47.69	5.2	35.6	44.2	44.29	54	-9.71	AV	Vertical
5150	71.51	5.36	35.66	44.22	68.31	74	-5.69	Pk	Horizontal
5150	48.36	5.36	35.66	44.22	45.16	54	-8.84	AV	Horizontal
5150	55.28	5.36	35.66	44.22	52.08	74	-21.92	Pk	Vertical
5150	39.55	5.36	35.66	44.22	36.35	54	-17.65	AV	Vertical
5350	64.17	5.68	35.68	44.22	61.31	74	-12.69	Pk	Vertical
5350	46.29	5.68	35.68	44.22	43.43	54	-10.57	AV	Vertical
5350	62.53	5.68	35.68	44.22	59.67	74	-14.33	Pk	Horizontal
5350	44.88	5.68	35.68	44.22	42.02	54	-11.98	AV	Horizontal

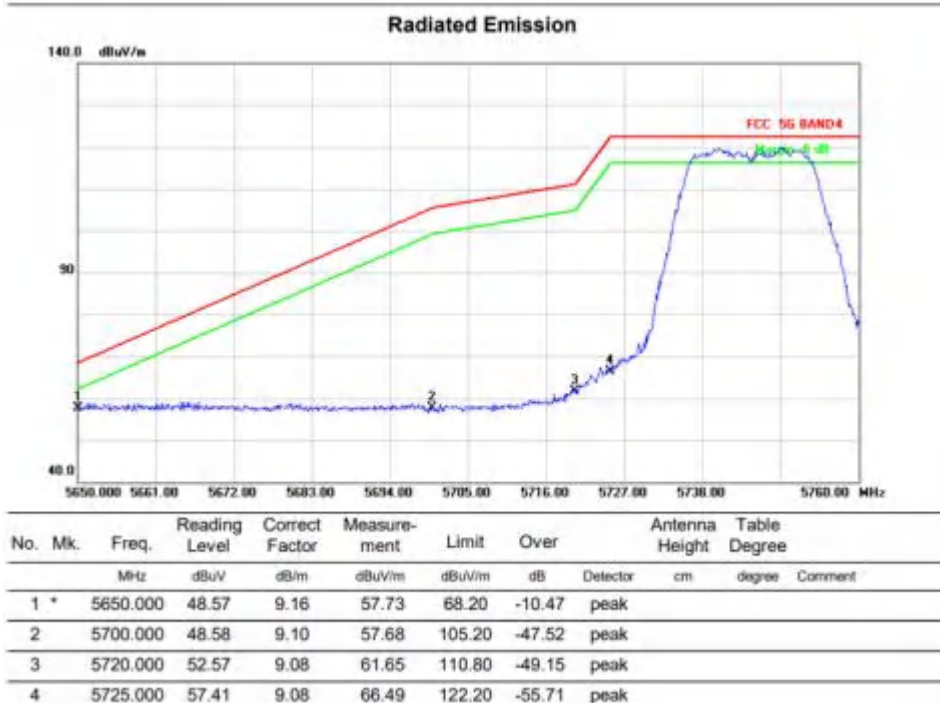
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Note:(1)Emission Level=Antenna Factor+Cable Loss+Read Level-Preamplifier Factor
(2)When PK value is lower than the Average value limit,average don't record.

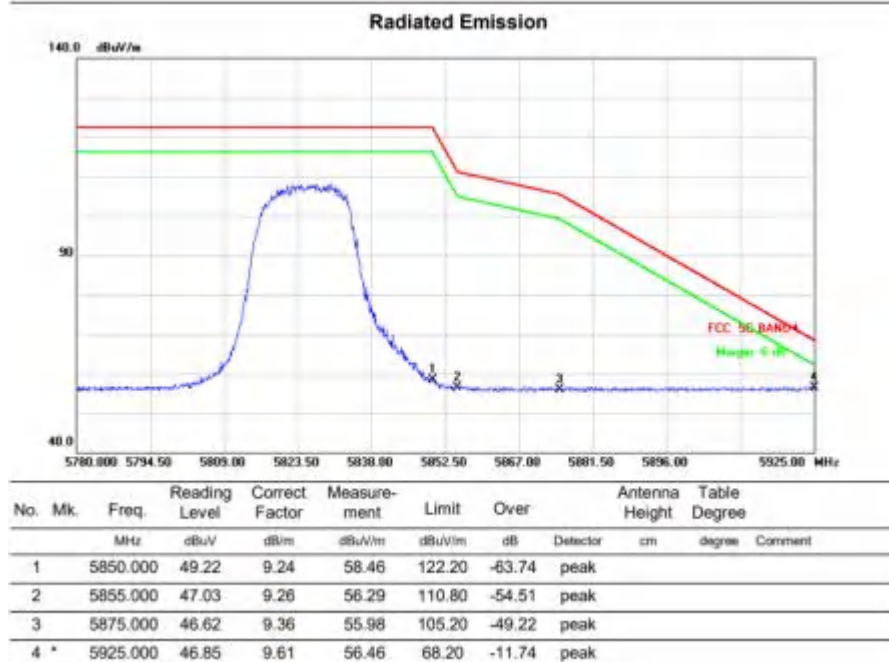
11ac20 Channel 149: Horizontal



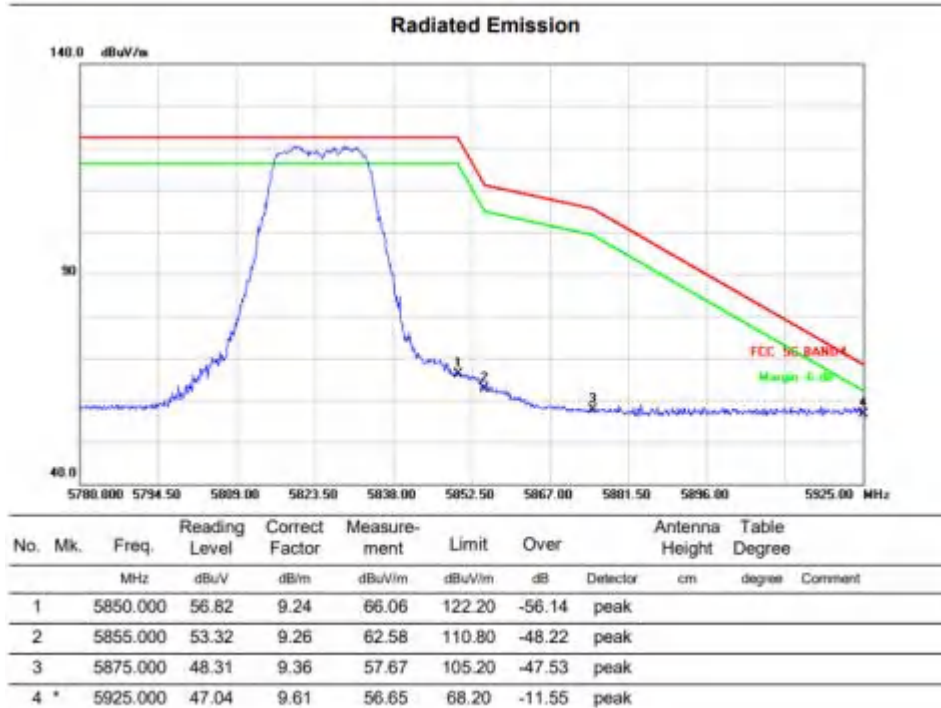
11ac20 Channel 149: Vertical



11ac20 Channel 165: Horizontal



11ac20 Channel 165: Vertical



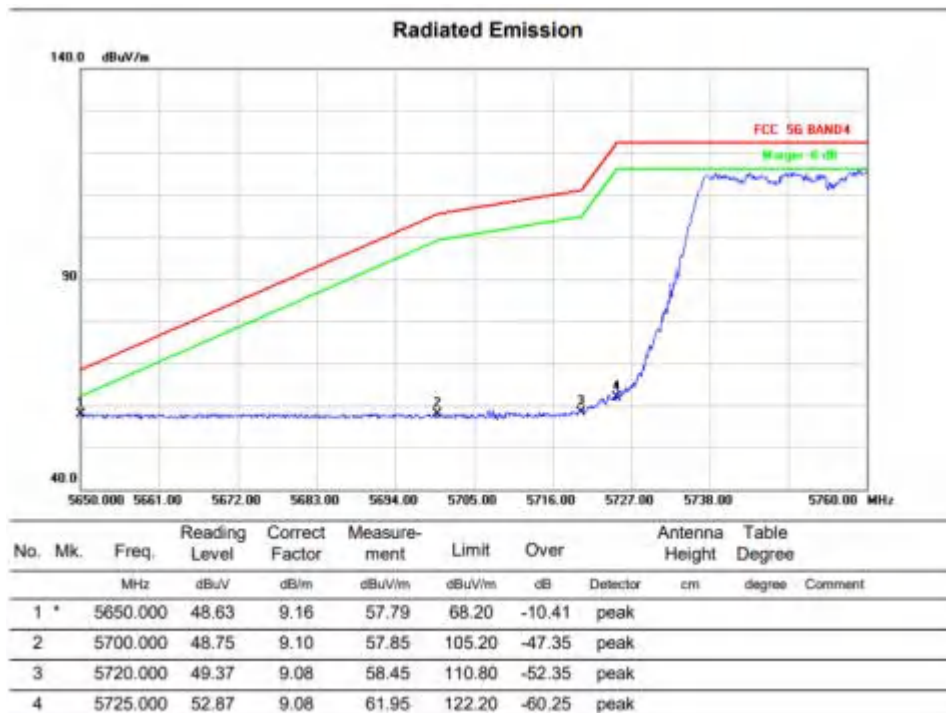


EUT:		Android Car Radio				Model Name.:		YC665	
Temperature:		20 °C				Relative Humidity:		48%	
Pressure:		1010 hPa				Test Voltage:		AC 120V/60Hz	
Test Mode:		TX(5.2G)-802.11ac40							
Frequency	Meter Reading	Cable Loss	Antenna Factor	Preamp Factor	Emission Level	Limits	Margin	Detector	Comment
(MHz)	(dBμV)	(dB)	dB/m	(dB)	(dBμV/m)	(dBμV/m)	(dB)	Type	
5.2G WIFI-802.11ac40 Mode									
4500	56.06	5.2	35.6	44.2	52.66	74	-21.34	Pk	Horizontal
4500	47.31	5.2	35.6	44.2	43.91	54	-10.09	AV	Horizontal
4500	59.88	5.2	35.6	44.2	56.48	74	-17.52	Pk	Vertical
4500	48.21	5.2	35.6	44.2	44.81	54	-9.19	AV	Vertical
5150	68.23	5.36	35.66	44.22	65.03	74	-8.97	Pk	Horizontal
5150	47.38	5.36	35.66	44.22	44.18	54	-9.82	AV	Horizontal
5150	56.27	5.36	35.66	44.22	53.07	74	-20.93	Pk	Vertical
5150	40.01	5.36	35.66	44.22	36.81	54	-17.19	AV	Vertical
5350	65.87	5.68	35.68	44.22	63.01	74	-10.99	Pk	Vertical
5350	47.35	5.68	35.68	44.22	44.49	54	-9.51	AV	Vertical
5350	62.33	5.68	35.68	44.22	59.47	74	-14.53	Pk	Horizontal
5350	44.32	5.68	35.68	44.22	41.46	54	-12.54	AV	Horizontal

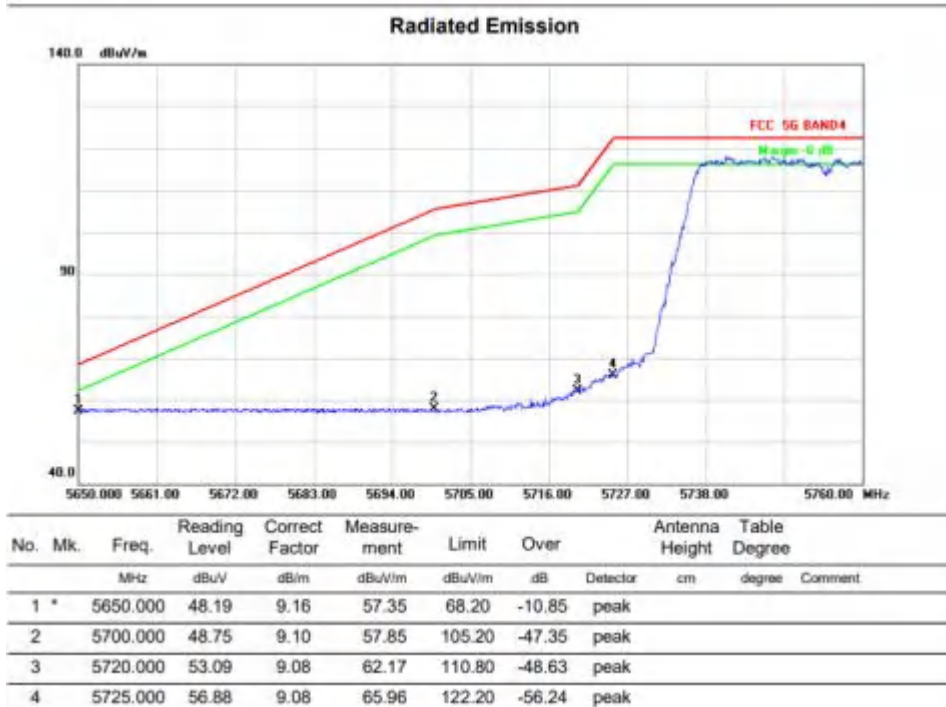
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Note:(1)Emission Level=Antenna Factor+Cable Loss+Read Level-Preamplifier Factor
(2)When PK value is lower than the Average value limit,average don't record.

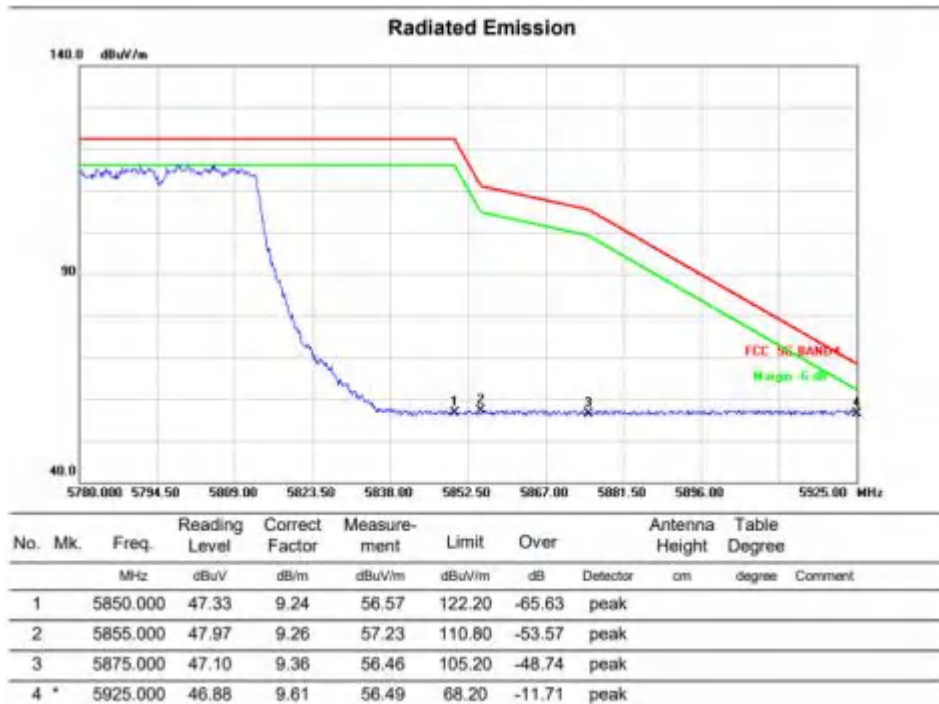
11ac40 Channel 151: Horizontal



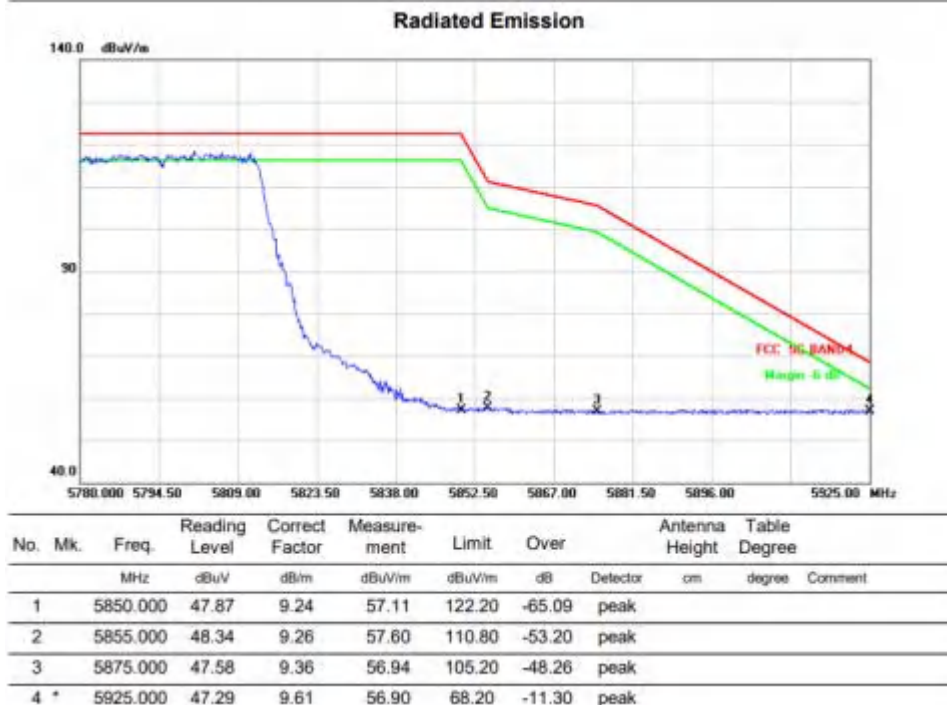
11ac40 Channel 151: Vertical



11ac40 Channel 159: Horizontal



11ac40 Channel 159: Vertical





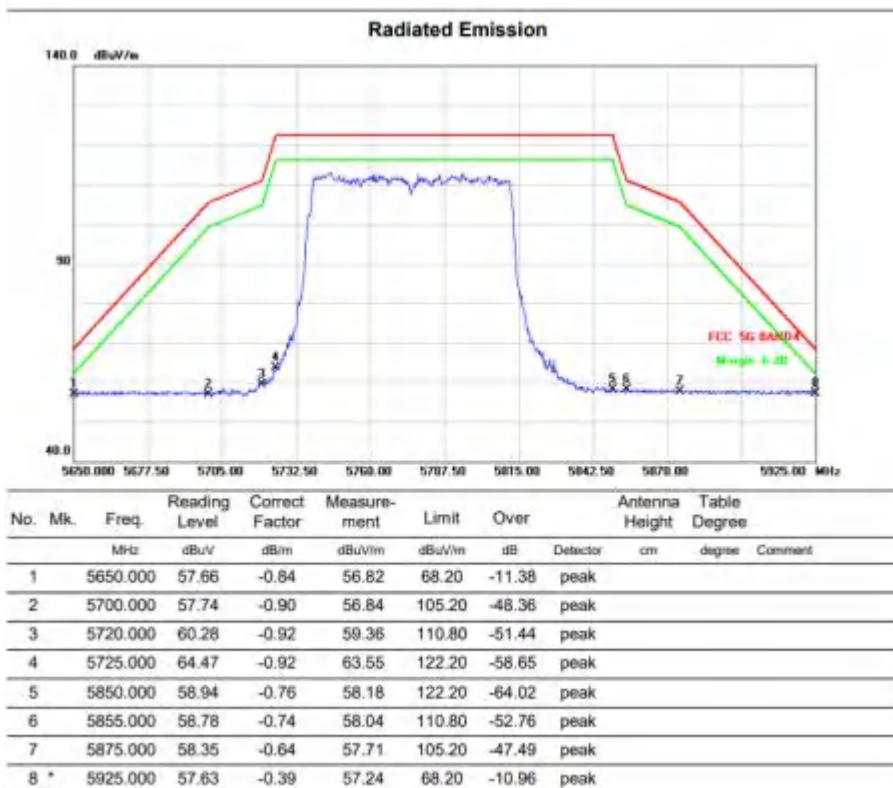
EUT:		Android Car Radio				Model Name.:		YC665	
Temperature:		20 °C				Relative Humidity:		48%	
Pressure:		1010 hPa				Test Voltage:		AC 120V/60Hz	
Test Mode:		TX(5.2G)-802.11ac80							
Frequency	Meter Reading	Cable Loss	Antenna Factor	Preamplifier Factor	Emission Level	Limits	Margin	Detector	Comment
(MHz)	(dBμV)	(dB)	dB/m	(dB)	(dBμV/m)	(dBμV/m)	(dB)	Type	
5.2G WIFI-802.11ac80 Mode									
4500	56.14	5.2	35.6	44.2	52.74	74	-21.26	Pk	Horizontal
4500	47.28	5.2	35.6	44.2	43.88	54	-10.12	AV	Horizontal
4500	59.65	5.2	35.6	44.2	56.25	74	-17.75	Pk	Vertical
4500	48.31	5.2	35.6	44.2	44.91	54	-9.09	AV	Vertical
5150	68.47	5.36	35.66	44.22	65.27	74	-8.73	Pk	Horizontal
5150	47.69	5.36	35.66	44.22	44.49	54	-9.51	AV	Horizontal
5150	56.09	5.36	35.66	44.22	52.89	74	-21.11	Pk	Vertical
5150	40.34	5.36	35.66	44.22	37.14	54	-16.86	AV	Vertical
5350	65.27	5.68	35.68	44.22	62.41	74	-11.59	Pk	Vertical
5350	47.13	5.68	35.68	44.22	44.27	54	-9.73	AV	Vertical
5350	62.77	5.68	35.68	44.22	59.91	74	-14.09	Pk	Horizontal
5350	44.60	5.68	35.68	44.22	41.74	54	-12.26	AV	Horizontal

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

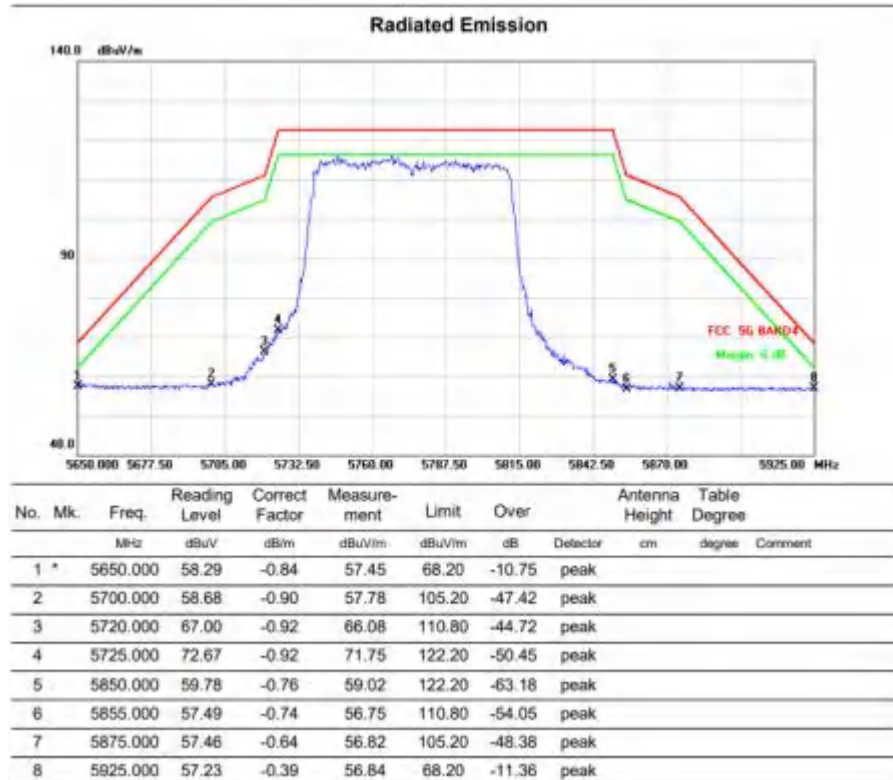
Note:(1)Emission Level=Antenna Factor+Cable Loss+Read Level-Preamplifier Factor

(2)When PK value is lower than the Average value limit,average don't record.

11ac80 Channel 155: Horizontal



11ac80 Channel 155: Vertical



10 CONDUCTED EMISSION TEST

10.1 POWER LINE CONDUCTED EMISSION LIMITS

Operating frequency band. In case the emission fall within the restricted band specified on Part 207(a) limit in the table below has to be followed.

FREQUENCY (MHz)	Conducted Emission limit (dBuV)	
	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

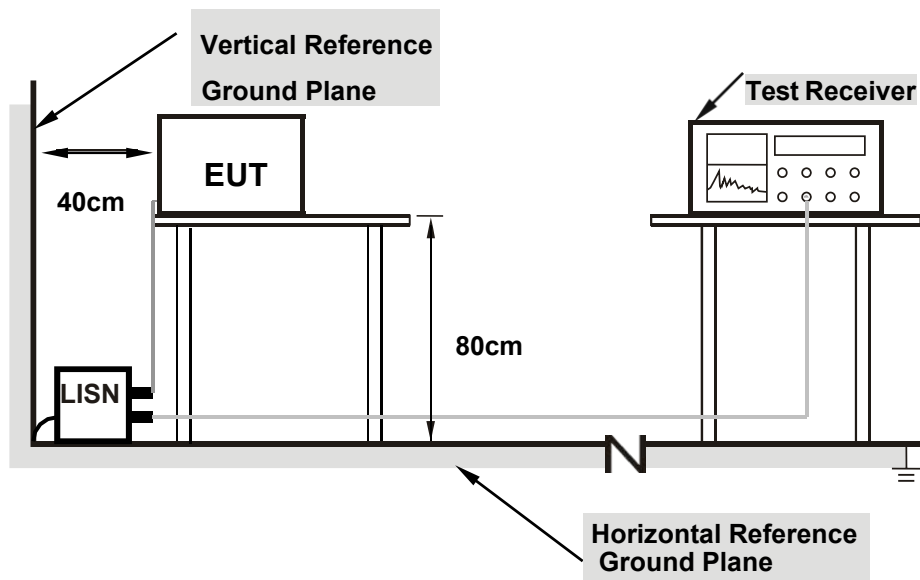
The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

10.2 TEST PROCEDURE

- The EUT was 0.8 meters from the horizontal ground plane and 0.4 meters from the vertical ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

10.3 TEST SETUP



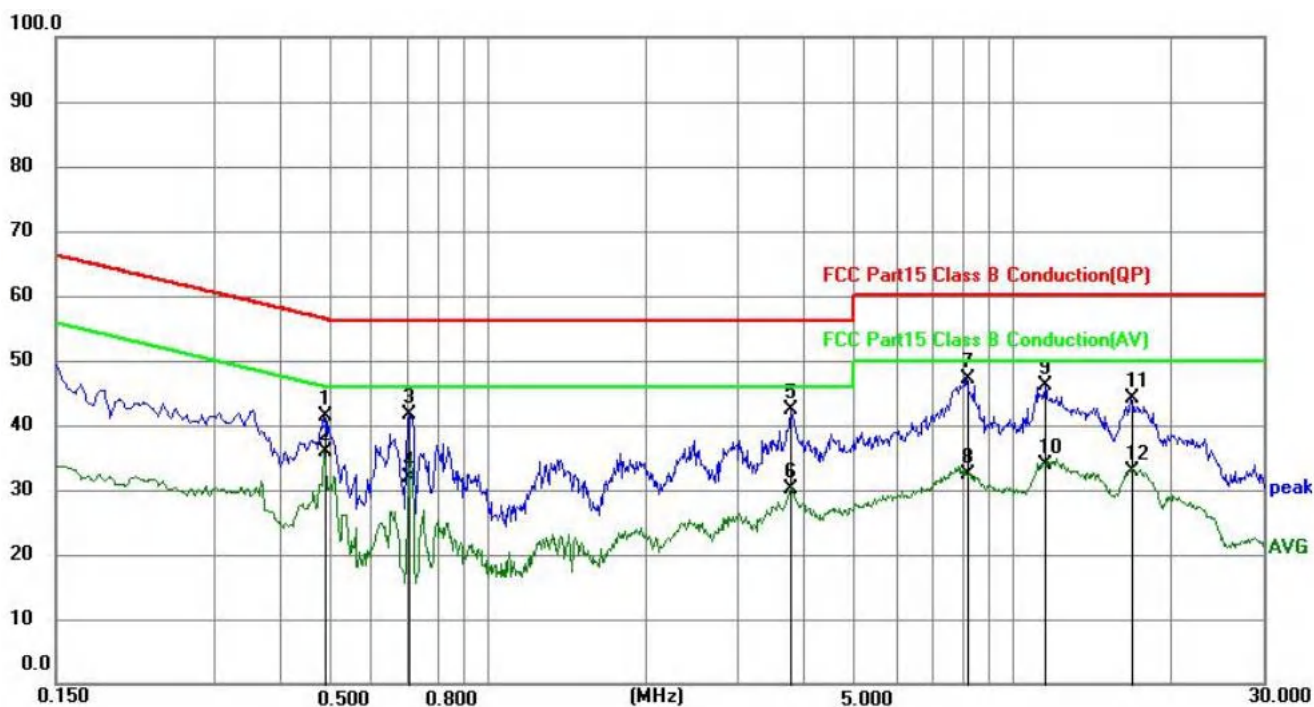
Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

10.4 TEST RESULT

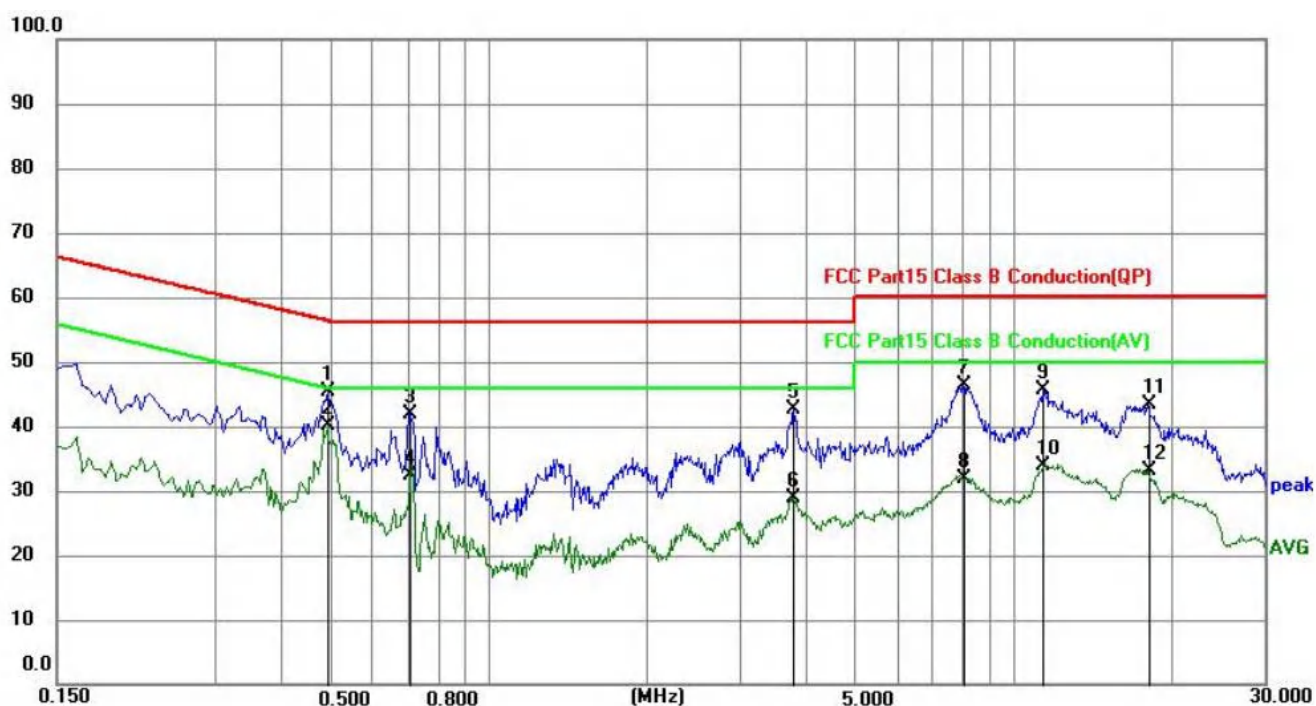
Temperature:	22.1 °C	Relative Humidity:	56%
Test Voltage:	AC 120V/60Hz	Phase:	L
Test Mode:	ON		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.4875	31.49	9.87	41.36	56.21	14.85	QP
2	0.4875	25.90	9.87	35.77	46.21	10.44	AVG
3	0.7080	31.66	9.89	41.55	56.00	14.45	QP
4	0.7080	22.04	9.89	31.93	46.00	14.07	AVG
5	3.7725	24.43	17.90	42.33	56.00	13.67	QP
6	3.7725	12.17	17.90	30.07	46.00	15.93	AVG
7	8.1555	27.25	20.00	47.25	60.00	12.75	QP
8	8.1555	12.33	20.00	32.33	50.00	17.67	AVG
9	11.5034	26.08	20.04	46.12	60.00	13.88	QP
10	11.5034	13.93	20.04	33.97	50.00	16.03	AVG
11	16.7685	23.90	20.13	44.03	60.00	15.97	QP
12	16.7685	12.82	20.13	32.95	50.00	17.05	AVG



Temperature:	22.1 °C	Relative Humidity:	56%
Test Voltage:	AC 120V/60Hz	Phase:	N
Test Mode:	ON		

No.	Frequency (MHz)	Reading (dBUV)	Correct Factor(dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark
1	0.4920	35.46	9.87	45.33	56.13	10.80	QP
2	0.4920	30.33	9.87	40.20	46.13	5.93	AVG
3	0.7080	32.01	9.89	41.90	56.00	14.10	QP
4	0.7080	22.38	9.89	32.27	46.00	13.73	AVG
5	3.8130	24.69	18.00	42.69	56.00	13.31	QP
6	3.8130	10.88	18.00	28.88	46.00	17.12	AVG
7	8.0070	26.35	20.14	46.49	60.00	13.51	QP
8	8.0070	11.80	20.14	31.94	50.00	18.06	AVG
9	11.3549	25.56	20.19	45.75	60.00	14.25	QP
10	11.3549	13.72	20.19	33.91	50.00	16.09	AVG
11	17.9790	23.14	20.24	43.38	60.00	16.62	QP
12	17.9790	12.79	20.24	33.03	50.00	16.97	AVG





11. ANTENNA REQUIREMENT

11.1 STANDARD REQUIREMENT

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.407 (a), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

11.2 RESULT

The antennas used for this product are PCB antenna and other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is 4.18 dBi.

*****END OF THE REPORT*****