

Model:	A41
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Test plot for Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 !	110.569	27.63	12.58	40.21	43.50	-3.29	QP
2 *	184.490	29.00	11.36	40.36	43.50	-3.14	QP
3 !	190.405	29.22	10.99	40.21	43.50	-3.29	QP
4 !	193.773	28.90	10.78	39.68	43.50	-3.82	QP
5 !	221.392	31.20	11.11	42.31	46.00	-3.69	QP
6 !	282.985	27.49	13.40	40.89	46.00	-5.11	QP

Remark: Emission Level = Reading + Factor

Model:	A41
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Test plot for Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 ↓	42.749	22.76	13.10	35.86	40.00	-4.14	QP
2 ↓	44.120	22.70	13.17	35.87	40.00	-4.13	QP
3 ↓	124.133	27.28	12.38	39.66	43.50	-3.84	QP
4 ↓	143.326	28.31	11.43	39.74	43.50	-3.76	QP
5 *	178.133	28.04	11.81	39.85	43.50	-3.65	QP
6 ↓	187.096	28.49	11.19	39.68	43.50	-3.82	QP

Remark: Emission Level = Reading + Factor

Model:	A21
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Test plot for Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 !	64.886	25.02	11.83	36.85	40.00	-3.15	QP
2 !	108.647	27.83	12.29	40.12	43.50	-3.38	QP
3 !	110.569	27.07	12.58	39.65	43.50	-3.85	QP
4 !	114.515	26.42	13.15	39.57	43.50	-3.93	QP
5 *	189.074	29.34	11.07	40.41	43.50	-3.09	QP
6 !	221.392	30.58	11.11	41.69	46.00	-4.31	QP

Remark: Emission Level = Reading + Factor

Model:	A21
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Test plot for Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	42.600	23.76	13.09	36.85	40.00	-3.15	QP
2 !	44.120	23.04	13.17	36.21	40.00	-3.79	QP
3 !	49.533	22.92	13.42	36.34	40.00	-3.66	QP
4 !	125.446	27.80	12.09	39.89	43.50	-3.61	QP
5 !	143.326	28.04	11.43	39.47	43.50	-4.03	QP
6 !	170.792	27.33	12.52	39.85	43.50	-3.65	QP

Remark: Emission Level = Reading + Factor

Model:	A502PRO
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Test plot for Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	110.569	28.94	11.42	40.36	43.50	-3.14	QP
2 !	152.664	31.87	8.25	40.12	43.50	-3.38	QP
3 !	183.201	29.65	10.00	39.65	43.50	-3.85	QP
4 !	196.510	29.39	10.77	40.16	43.50	-3.34	QP
5 !	528.246	22.42	19.16	41.58	46.00	-4.42	QP
6 !	552.883	21.92	19.71	41.63	46.00	-4.37	QP

Remark: Emission Level = Reading + Factor

Model: A502PRO

Test plot for Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 !	45.375	23.74	12.47	36.21	40.00	-3.79	QP
2 !	46.666	24.11	12.41	36.52	40.00	-3.48	QP
3 *	147.404	32.31	8.04	40.35	43.50	-3.15	QP
4 !	176.269	30.37	9.61	39.98	43.50	-3.52	QP
5 !	188.412	29.91	10.30	40.21	43.50	-3.29	QP
6 !	578.670	20.96	20.27	41.23	46.00	-4.77	QP

Remark: Emission Level = Reading + Factor

Model:	A502
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Test plot for Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 !	110.569	28.20	11.42	39.62	43.50	-3.88	QP
2 *	191.745	29.16	10.49	39.65	43.50	-3.85	QP
3 !	195.822	28.48	10.73	39.21	43.50	-4.29	QP
4 !	207.850	27.84	11.29	39.13	43.50	-4.37	QP
5 !	528.246	22.20	19.16	41.36	46.00	-4.64	QP
6 !	552.883	21.87	19.71	41.58	46.00	-4.42	QP

Remark: Emission Level = Reading + Factor

Model:	A502
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Test plot for Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 !	46.830	22.24	12.41	34.65	40.00	-5.35	QP
2 !	141.826	31.05	7.91	38.96	43.50	-4.54	QP
3 !	145.861	30.64	8.01	38.65	43.50	-4.85	QP
4 *	184.490	29.56	10.08	39.64	43.50	-3.86	QP
5 !	191.745	28.96	10.49	39.45	43.50	-4.05	QP
6 !	552.883	21.52	19.71	41.23	46.00	-4.77	QP

Remark: Emission Level = Reading + Factor

Test Frequency 1GHz-25GHz

Bluetooth (GFSK, $\pi/4$ DQPSK, 8DPSK) mode have been tested, and the worst result(GFSK) was report as below

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre- amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel:2402MHz									
V	4804.00	50.66	34.12	5.03	32.39	53.96	74	-20.04	Pk
V	4804.00	40.87	34.12	5.03	32.39	44.17	54	-9.83	AV
V	7206.00	42.23	32.54	6.29	35.86	51.84	74	-22.16	Pk
V	7206.00	33.24	32.54	6.29	35.86	42.85	54	-11.15	AV
V	9608.00	42.18	32.98	7.55	38.4	55.15	74	-18.85	Pk
V	9608.00	30.61	32.98	7.55	38.4	43.58	54	-10.42	AV
V	12010.00	38.21	32.09	8.93	39	54.05	74	-19.95	Pk
V	12010.00	28.97	32.09	8.93	39	44.81	54	-9.19	AV
H	4804.00	52.82	34.12	5.03	32.39	56.12	74	-17.88	Pk
H	4804.00	40.27	34.12	5.03	32.39	43.57	54	-10.43	AV
H	7206.00	42.28	32.54	6.29	35.86	51.89	74	-22.11	Pk
H	7206.00	33.99	32.54	6.29	35.86	43.60	54	-10.40	AV
H	9608.00	41.03	32.98	7.55	38.4	54.00	74	-20.00	Pk
H	9608.00	30.60	32.98	7.55	38.4	43.57	54	-10.43	AV
H	12010.00	39.43	32.09	8.93	39	55.27	74	-18.73	Pk
H	12010.00	30.18	32.09	8.93	39	46.02	54	-7.98	AV

Polar (H/V)	Frequency	Meter Reading	Pre- amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Middle Channel:2441MHz									
V	4882	49.38	34.07	5.09	32.59	52.99	74	-21.01	Pk
V	4882	40.21	34.07	5.09	32.59	43.82	54	-10.18	AV
V	7323	40.70	32.63	6.34	35.96	50.37	74	-23.63	Pk
V	7323	32.69	32.63	6.34	35.96	42.36	54	-11.64	AV
V	9764	41.42	32.92	7.59	38.4	54.49	74	-19.51	Pk
V	9764	32.90	32.92	7.59	38.4	45.97	54	-8.03	AV
V	12205	39.57	31.96	8.88	39.04	55.53	74	-18.47	Pk
V	12205	30.85	31.96	8.88	39.04	46.81	54	-7.19	AV
H	4882	51.41	34.07	5.09	32.59	55.02	74	-18.98	Pk
H	4882	39.98	34.07	5.09	32.59	43.59	54	-10.41	AV
H	7323	43.37	32.63	6.34	35.96	53.04	74	-20.96	Pk
H	7323	33.77	32.63	6.34	35.96	43.44	54	-10.56	AV
H	9764	42.10	32.92	7.59	38.4	55.17	74	-18.83	Pk
H	9764	31.09	32.92	7.59	38.4	44.16	54	-9.84	AV
H	12205	39.72	31.96	8.88	39.04	55.68	74	-18.32	Pk
H	12205	29.47	31.96	8.88	39.04	45.43	54	-8.57	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre- amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
High Channel:2480MHz									
V	4960	51.02	34.02	5.15	32.8	54.95	74	-19.05	Pk
V	4960	40.55	34.02	5.15	32.8	44.48	54	-9.52	AV
V	7440	42.12	32.71	6.4	36.05	51.86	74	-22.14	Pk
V	7440	32.16	32.71	6.4	36.05	41.90	54	-12.10	AV
V	9920	42.05	32.86	7.62	38.4	55.21	74	-18.79	Pk
V	9920	29.60	32.86	7.62	38.4	42.76	54	-11.24	AV
V	12400	39.17	31.82	8.84	39.08	55.27	74	-18.73	Pk
V	12400	30.08	31.82	8.84	39.08	46.18	54	-7.82	AV
H	4960	50.88	34.02	5.15	32.8	54.81	74	-19.19	Pk
H	4960	40.74	34.02	5.15	32.8	44.67	54	-9.33	AV
H	7440	43.72	32.71	6.4	36.05	53.46	74	-20.54	Pk
H	7440	34.56	32.71	6.4	36.05	44.30	54	-9.70	AV
H	9920	40.47	32.86	7.62	38.4	53.63	74	-20.37	Pk
H	9920	30.07	32.86	7.62	38.4	43.23	54	-10.77	AV
H	12400	38.30	31.82	8.84	39.08	54.40	74	-19.60	Pk
H	12400	28.34	31.82	8.84	39.08	44.44	54	-9.56	AV

Note: 1. The testing has been conformed to 10*2480MHz=24800MHz.

2. All other emissions more than 30dB below the limit.
3. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
Emission Level = Reading + Factor
Margin=Emission Level-Limit