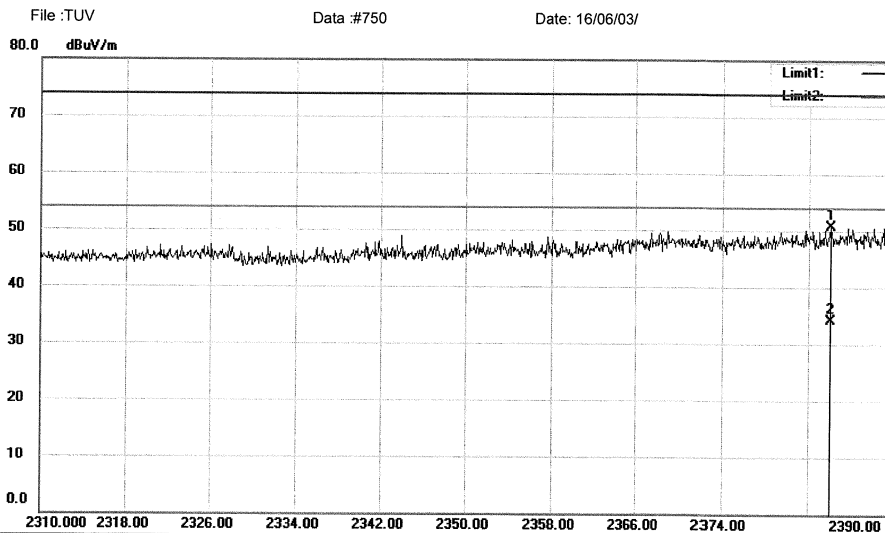


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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:DQPSK 2402
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2384.080	43.04	7.57	50.61	74.00	-23.39	peak		
2	*	2384.080	26.63	7.57	34.20	54.00	-19.80	AVG		

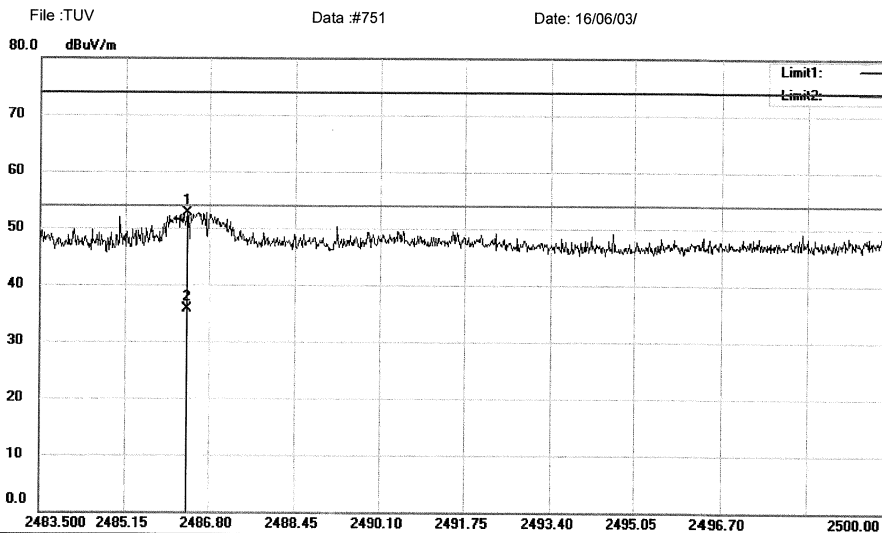
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV\Data :#750

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: DQPSK 2480
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2486.371	44.38	8.31	52.69	74.00	-21.31	peak		
2	*	2486.371	27.39	8.31	35.70	54.00	-18.30	AVG		

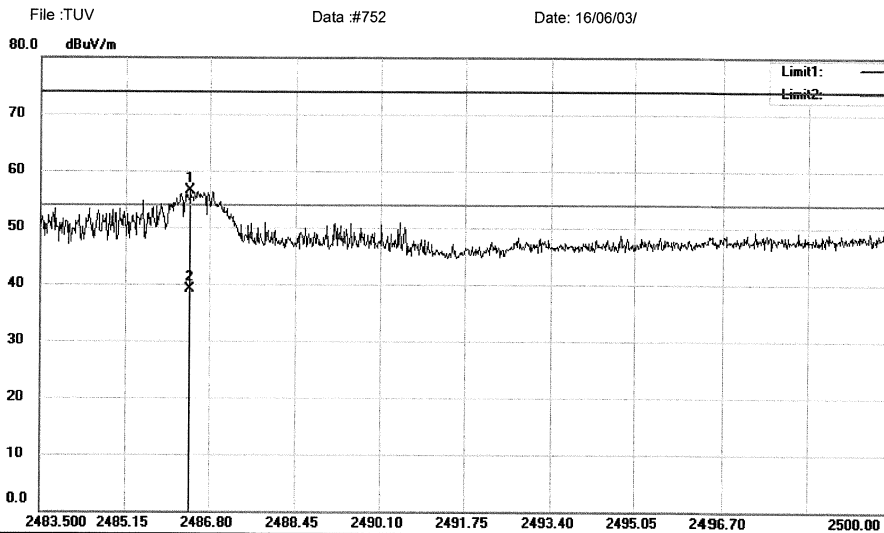
*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV\Data : #751

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: DQPSK 2480
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2486.421	48.26	8.31	56.57	74.00	-17.43	peak		
2	*	2486.421	30.79	8.31	39.10	54.00	-14.90	AVG		

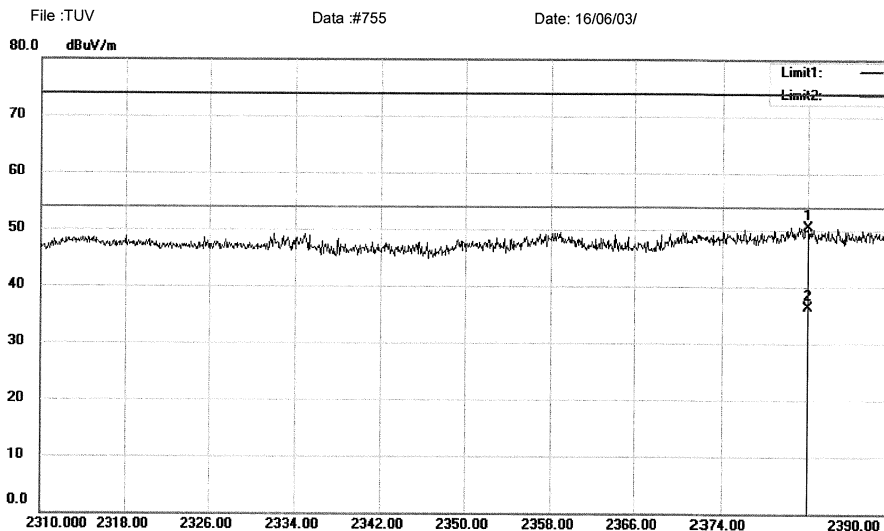
*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV\Data : #752

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:8DPSK 2402
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2382.080	43.04	7.55	50.59	74.00	-23.41	peak		
2	*	2382.080	28.75	7.55	36.30	54.00	-17.70	AVG		

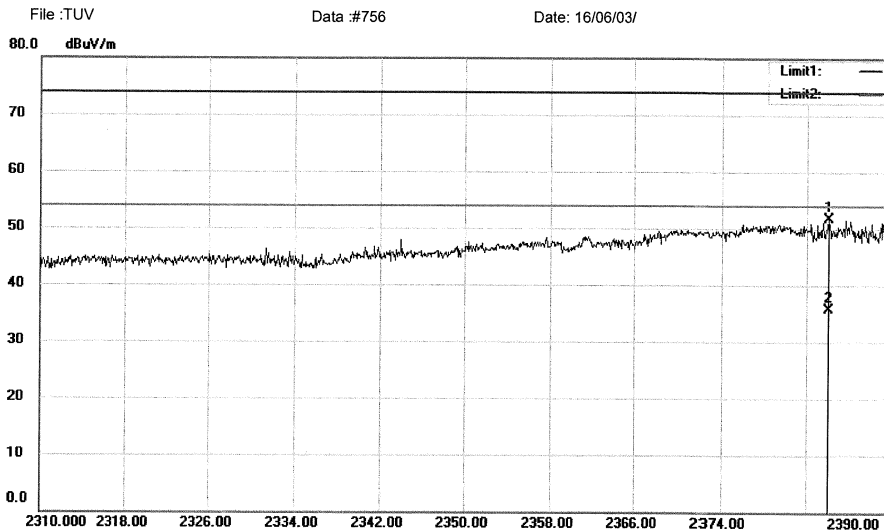
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Operator: KK

File :TUV\Data :#755

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: 8DPSK 2402
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2384.080	44.04	7.57	51.61	74.00	-22.39	peak		
2	*	2384.080	28.13	7.57	35.70	54.00	-18.30	AVG		

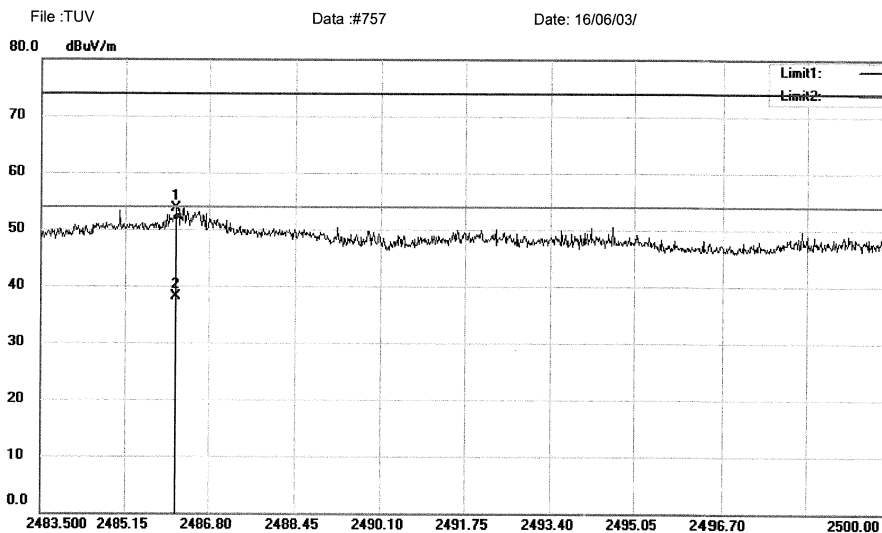
*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV\Data : #756

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: 8DPSK 2480
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		2486.157	45.35	8.30	53.65	74.00	-20.35	peak			
2	*	2486.157	29.90	8.30	38.20	54.00	-15.80	AVG			

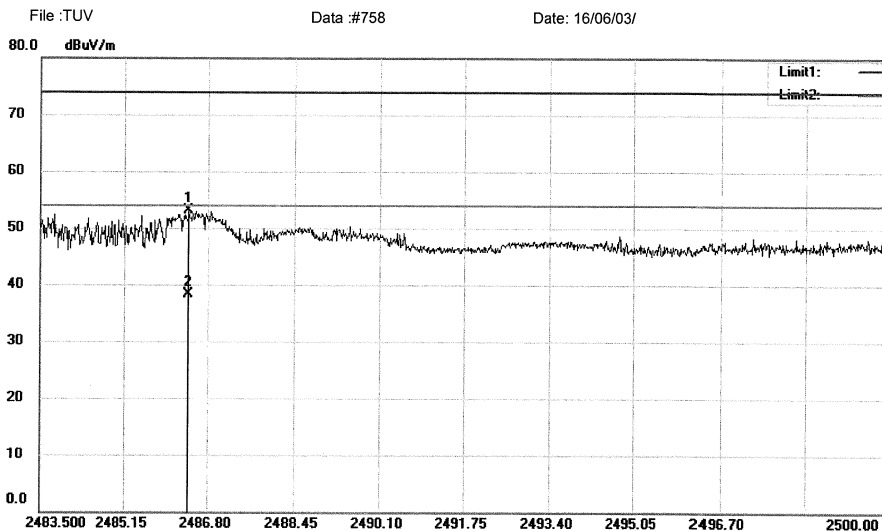
*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV\Data : #757

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:8DPSK 2480
 Note:

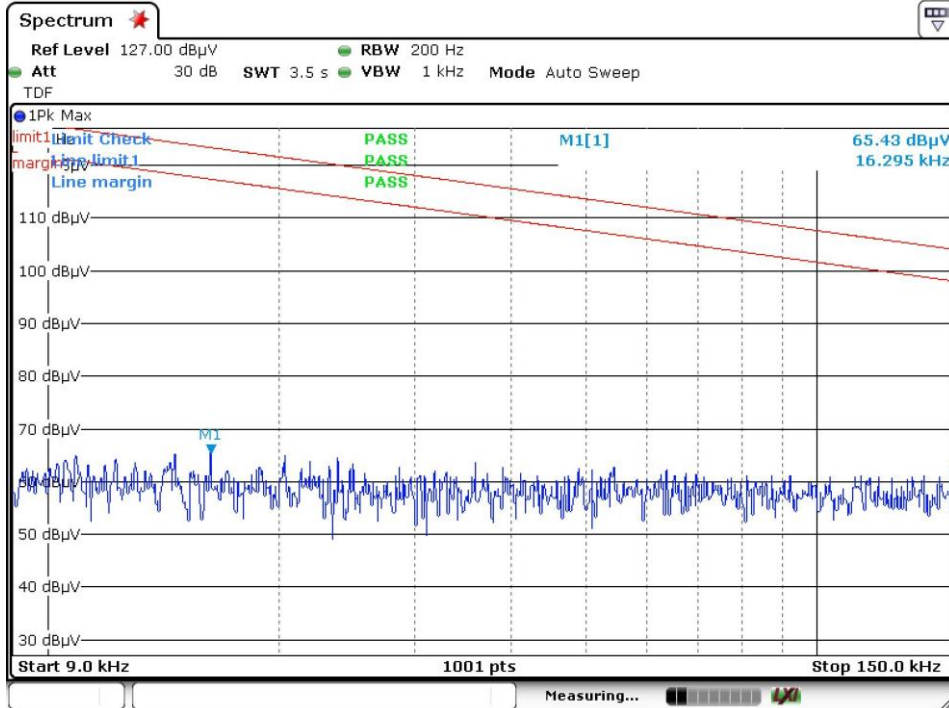
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		2486.421	44.76	8.31	53.07	74.00	-20.93	peak			
2	*	2486.421	30.09	8.31	38.40	54.00	-15.60	AVG			

*:Maximum data x:Over limit !:over margin

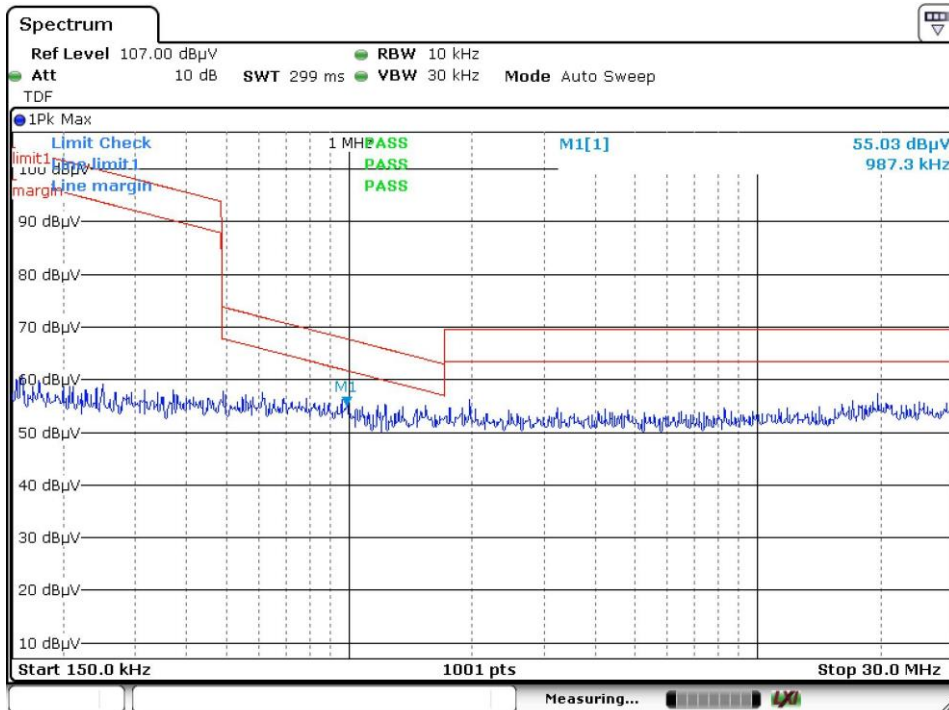
Operator: KK

File :TUV\Data :#758

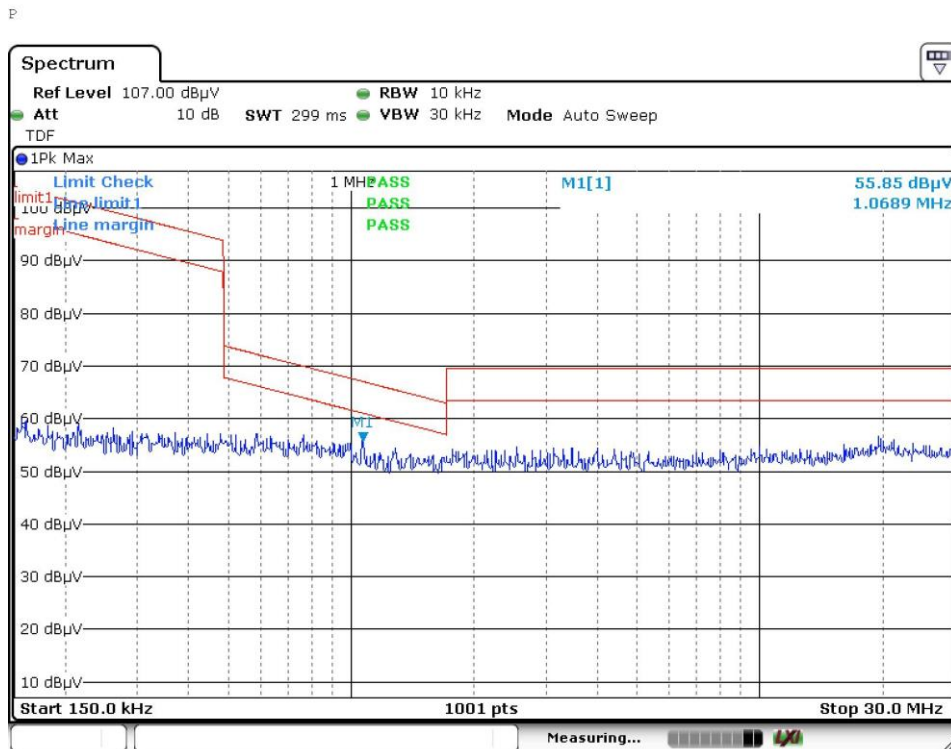
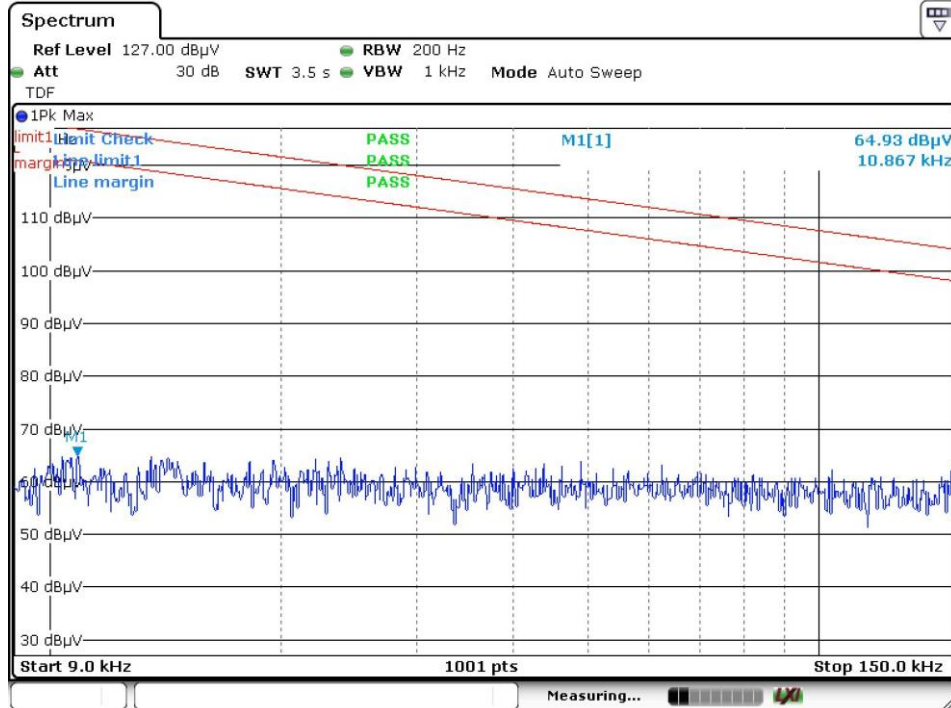
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Test Plot of 2402MHz-X of Low Energy mode


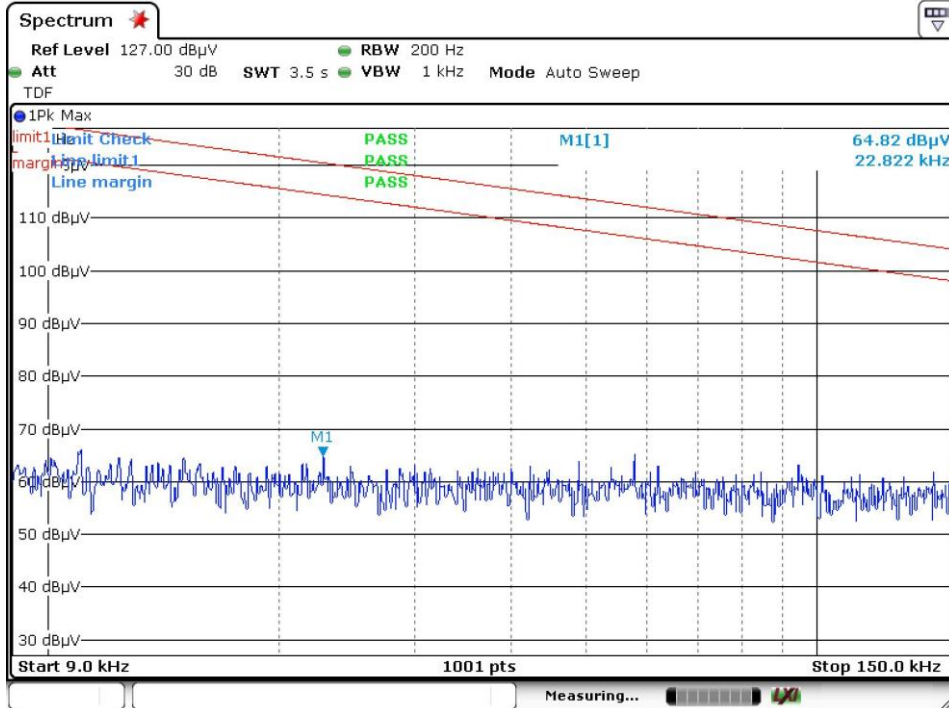
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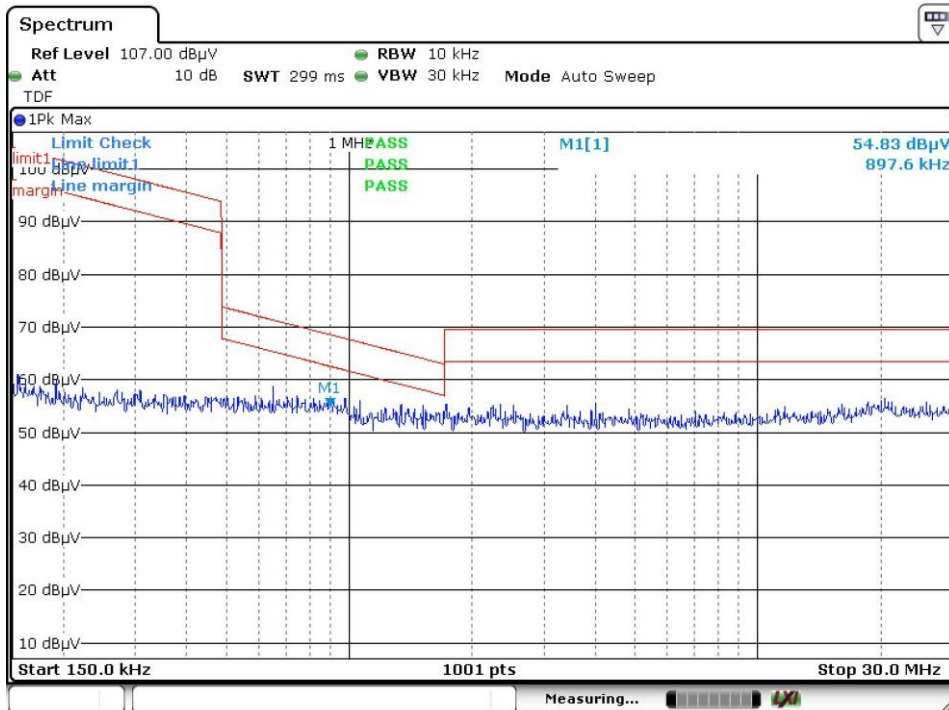
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Test Plot of 2402MHz-Y of Low Energy mode


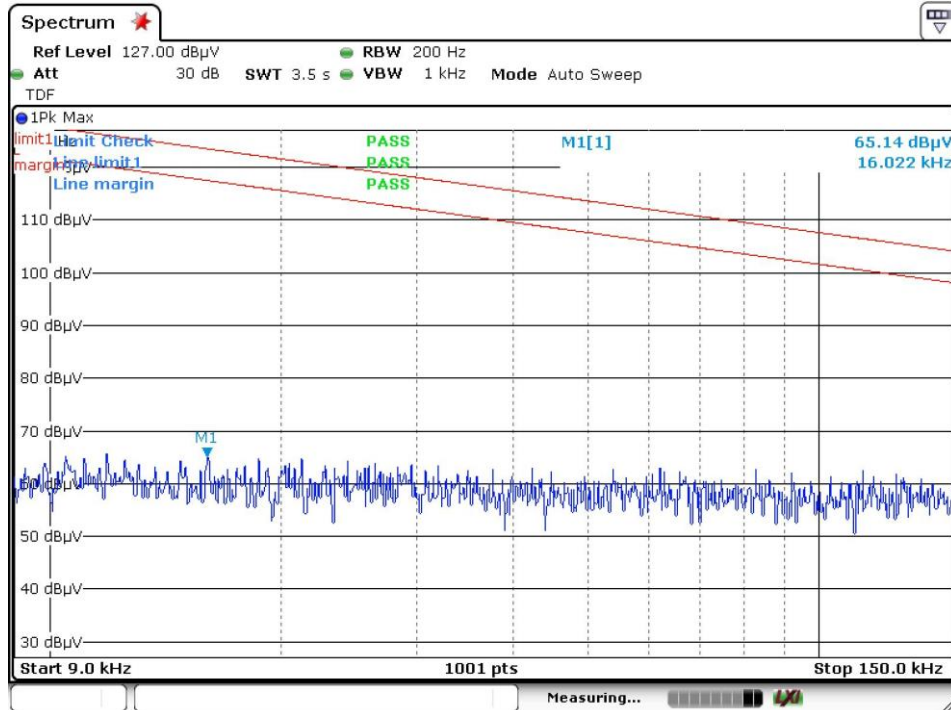
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Test Plot of 2402MHz-Z of Low Energy mode


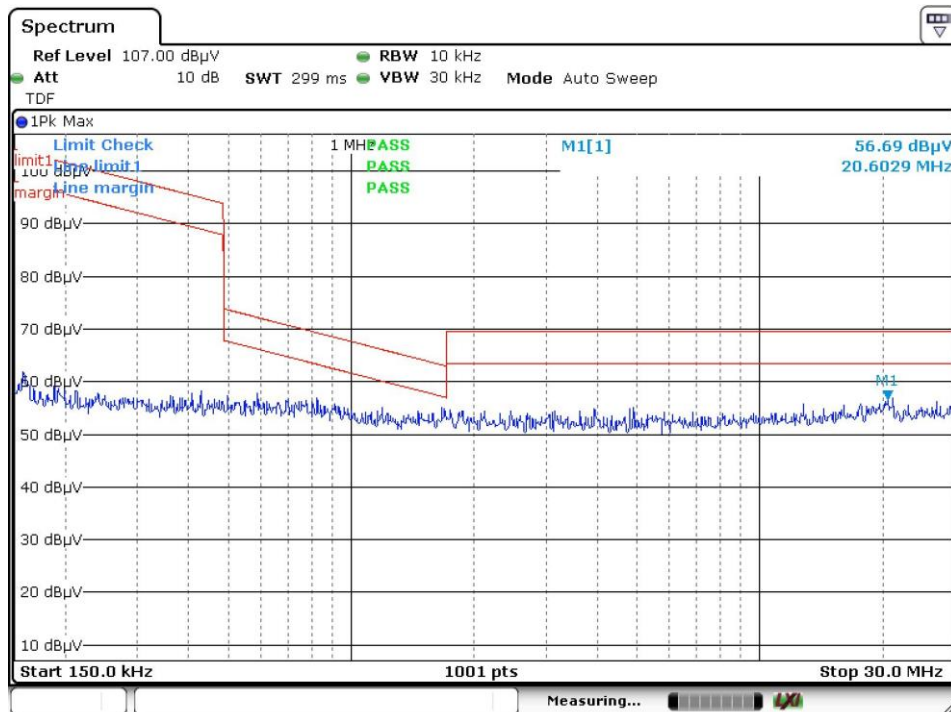
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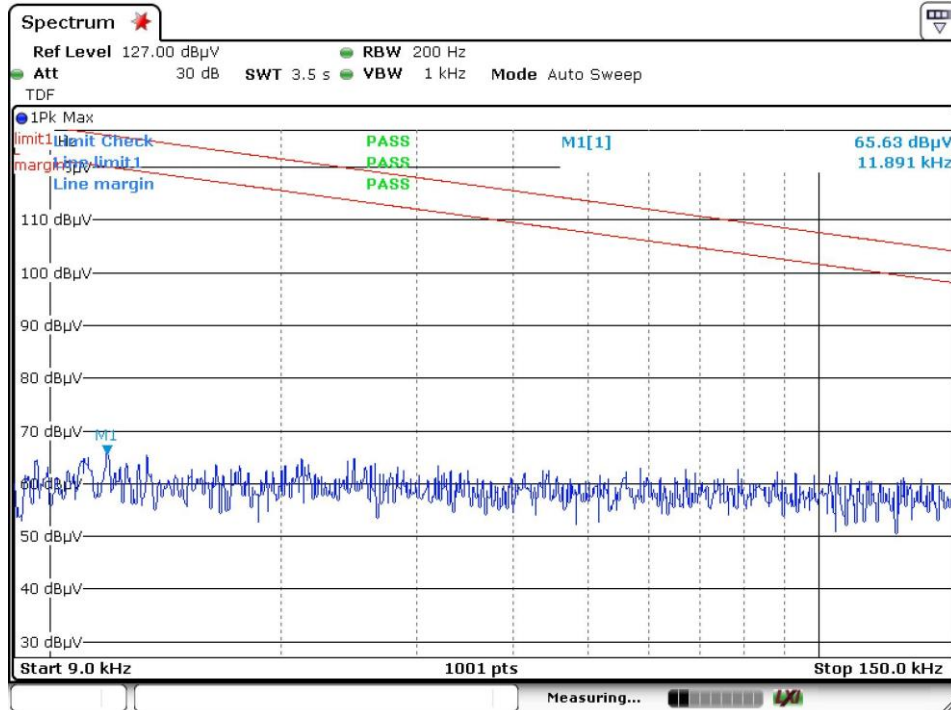
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Test Plot of 2440MHz-X of Low Energy mode


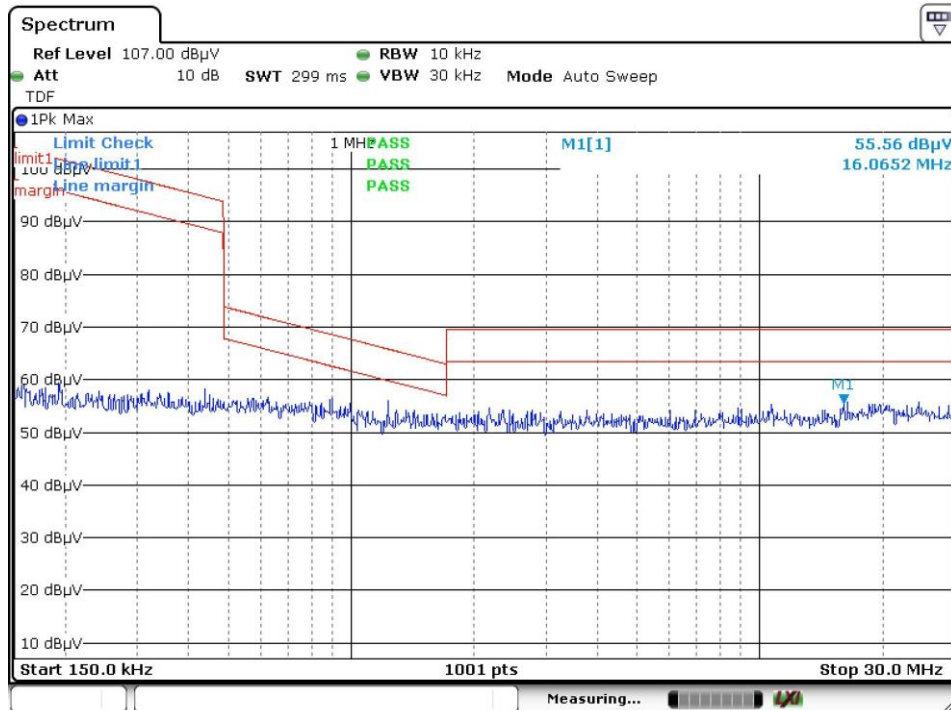
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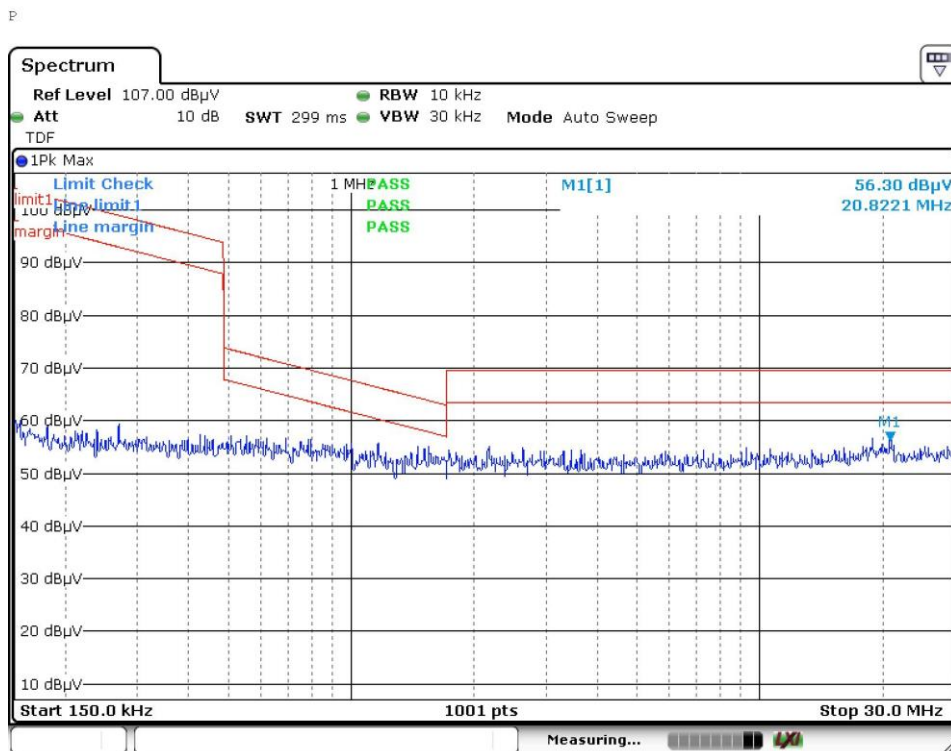
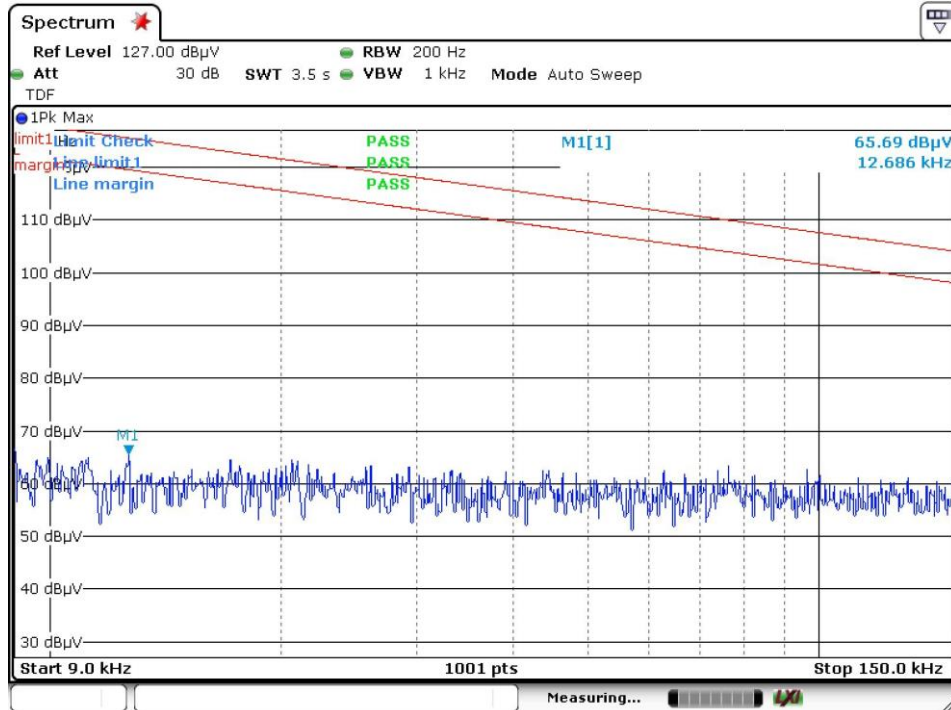
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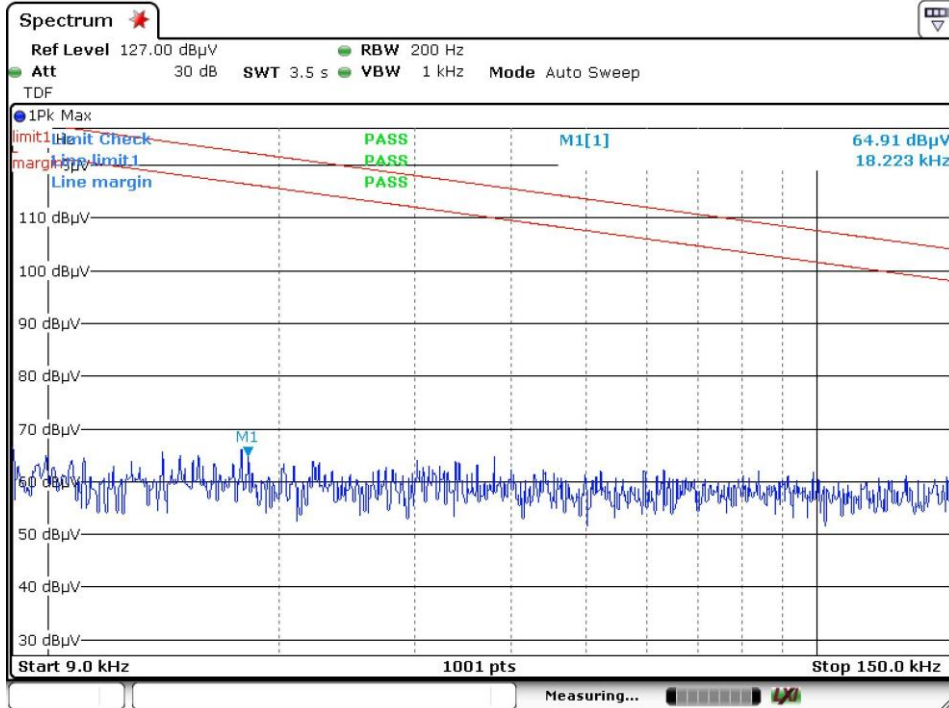
Test Plot of 2440MHz-Y of Low Energy mode


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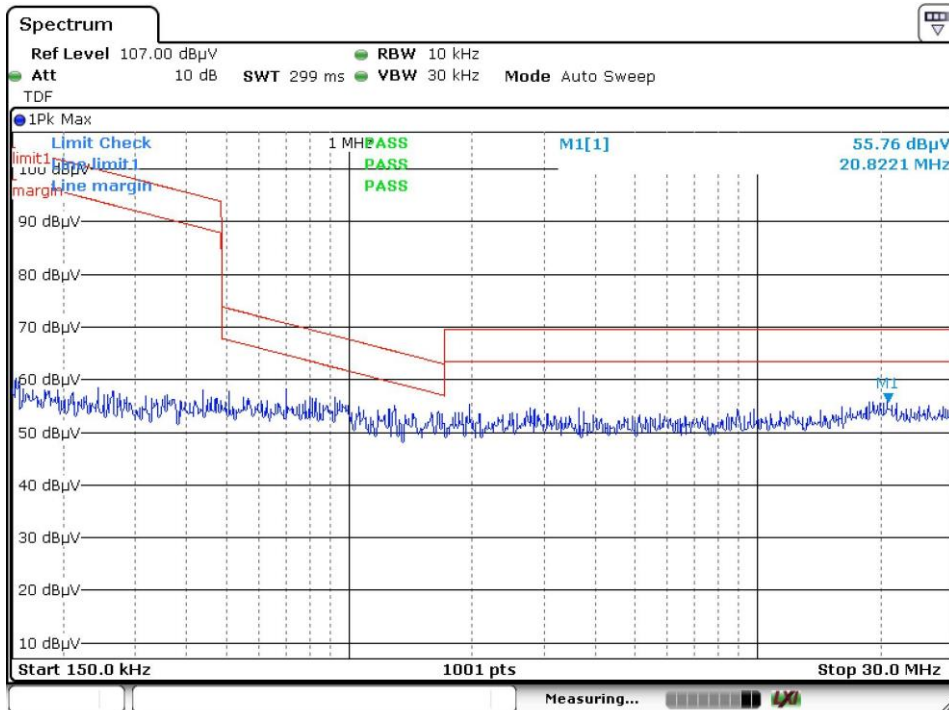


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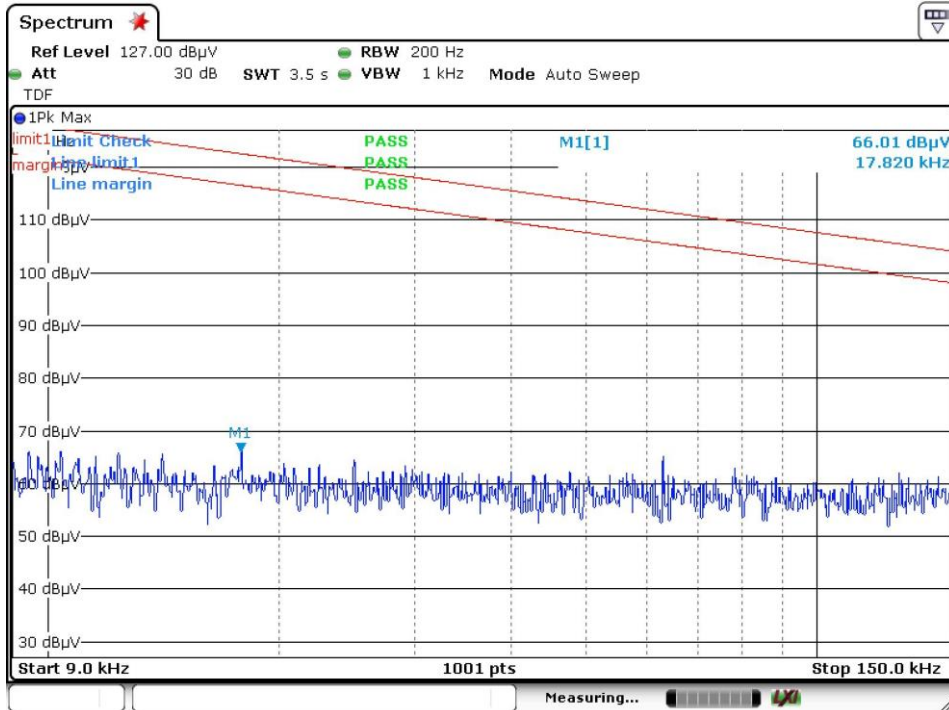
Test Plot of 2440MHz-Z of Low Energy mode


Test Plot of 2480MHz-X of Low Energy mode


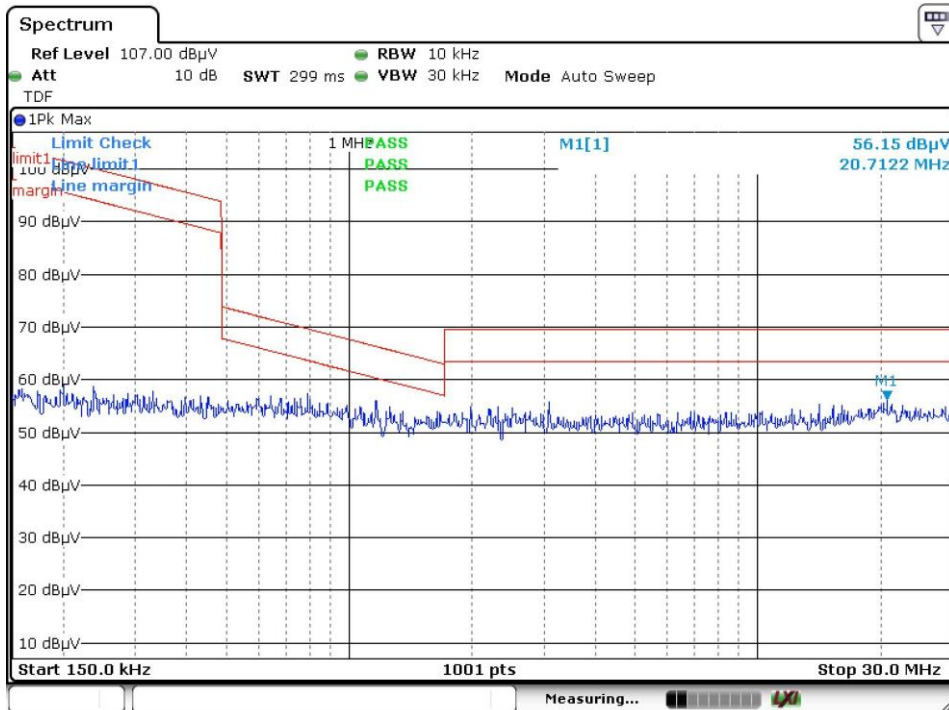
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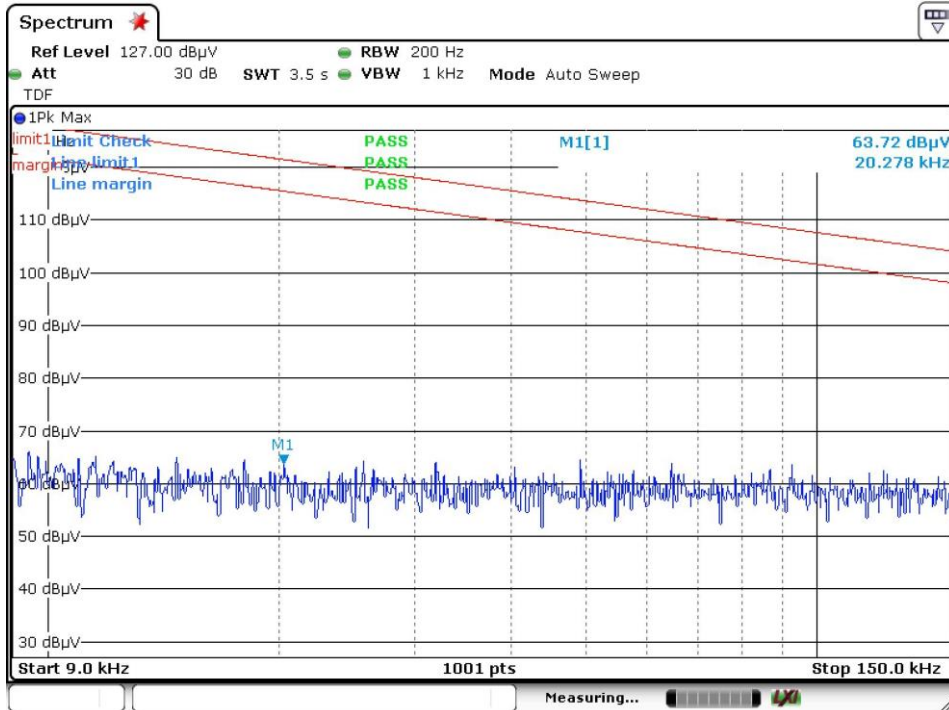
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Test Plot of 2480MHz-Y of Low Energy mode


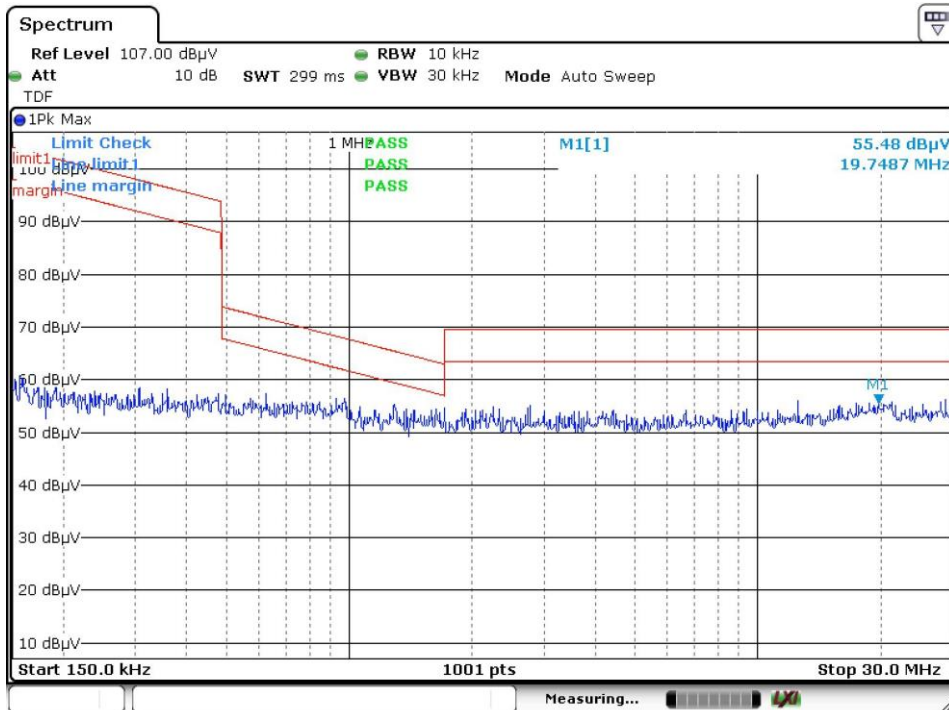
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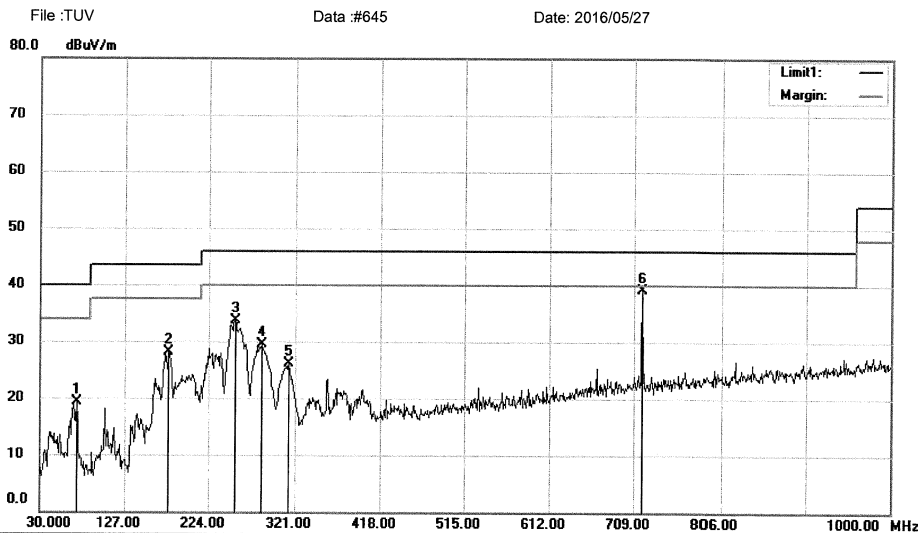
Test Plot of 2480MHz-Z of Low Energy mode


P



P

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:BLE 2402
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		71.7100	37.59	-18.25	19.34	40.00	-20.66	QP		
2		178.4100	45.35	-17.17	28.18	43.50	-15.32	QP		
3		254.0700	46.91	-13.28	33.63	46.00	-12.37	QP		
4		284.1400	41.85	-12.28	29.57	46.00	-16.43	QP		
5		314.2100	37.55	-11.42	26.13	46.00	-19.87	QP		
6	*	718.7000	43.07	-3.97	39.10	46.00	-6.90	QP		

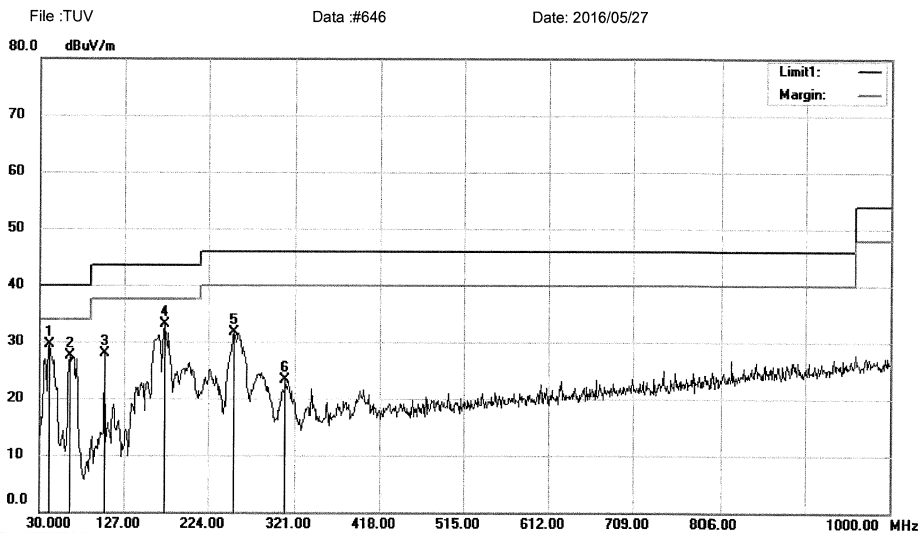
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData :#645

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Radiated Emission Measurement


Site: 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: BLE 2402
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1		40.6700	44.90	-15.34	29.56	40.00	-10.44	QP		
2		63.9500	43.88	-16.30	27.58	40.00	-12.42	QP		
3		103.7200	43.29	-15.30	27.99	43.50	-15.51	QP		
4	*	173.5600	50.28	-17.20	33.08	43.50	-10.42	QP		
5		253.1000	44.94	-13.33	31.61	46.00	-14.39	QP		
6		310.3300	34.85	-11.47	23.38	46.00	-22.62	QP		

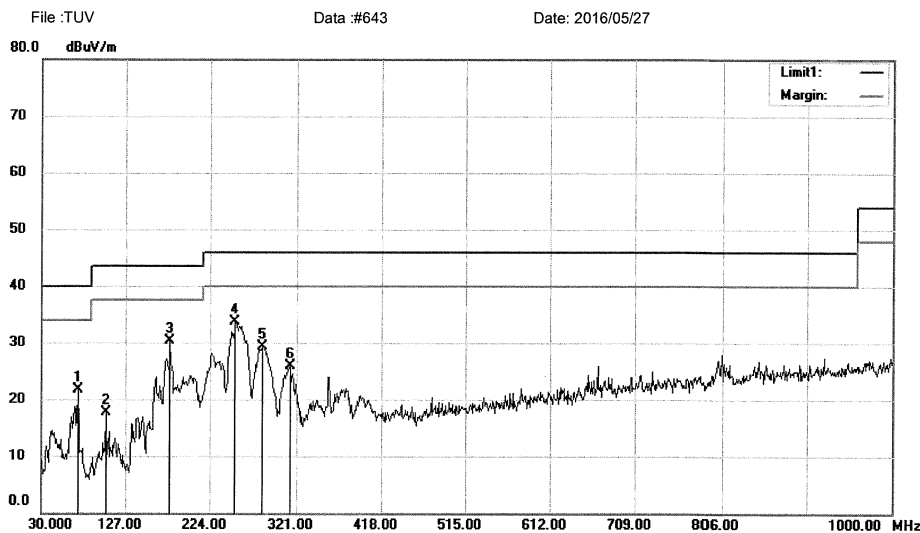
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUVData :#646

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:BLE 2440
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1		71.7100	39.91	-18.25	21.66	40.00	-18.34	QP		
2		103.7200	32.93	-15.30	17.63	43.50	-25.87	QP		
3		178.4100	47.48	-17.17	30.31	43.50	-13.19	QP		
4	*	252.1300	47.16	-13.37	33.79	46.00	-12.21	QP		
5		283.1700	41.71	-12.32	29.39	46.00	-16.61	QP		
6		313.2400	37.41	-11.43	25.98	46.00	-20.02	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

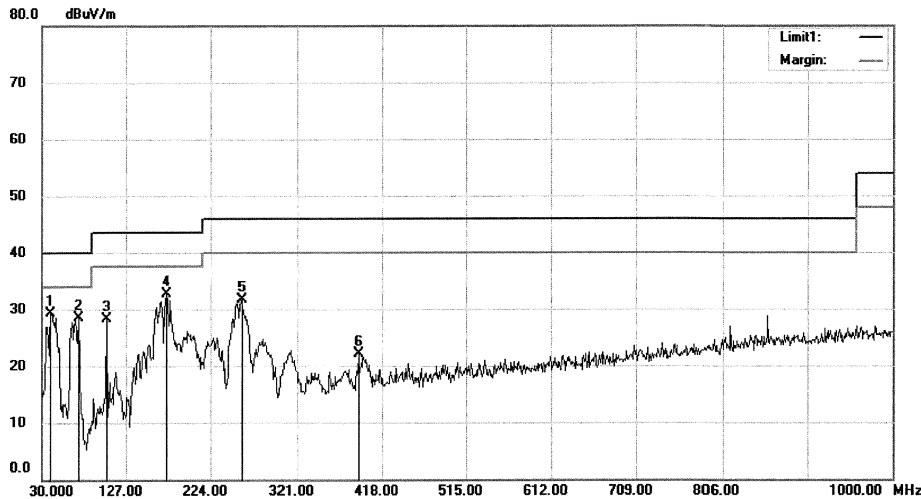
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Radiated Emission Measurement

File :TUV Data :#644 Date: 2016/05/27



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:BLE 2440
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	39.7000	44.97	-15.59	29.38	40.00	-10.62	QP		
2		71.7100	46.68	-18.25	28.43	40.00	-11.57	QP		
3		103.7200	43.67	-15.30	28.37	43.50	-15.13	QP		
4		174.5300	49.81	-17.20	32.61	43.50	-10.89	QP		
5		258.9200	44.74	-13.04	31.70	46.00	-14.30	QP		
6		390.8400	31.93	-9.76	22.17	46.00	-23.83	QP		

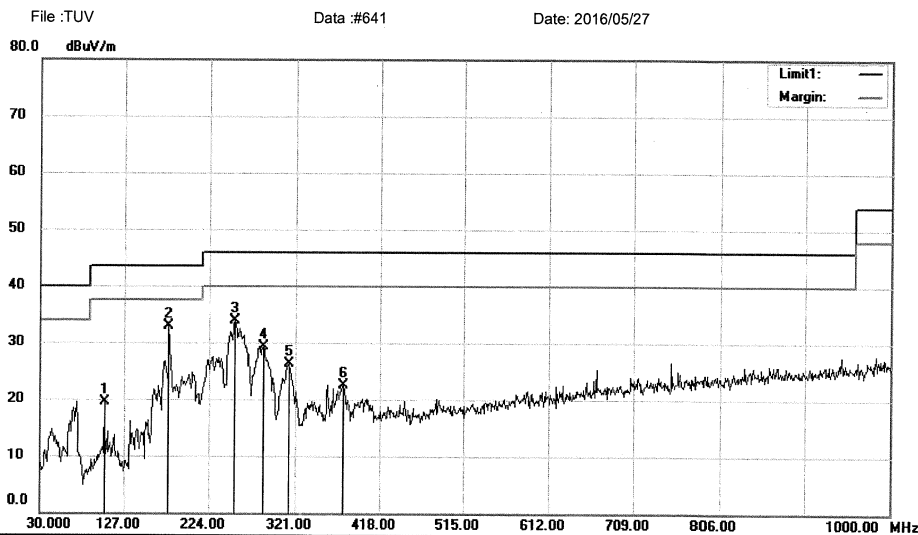
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV\Data :#644

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Radiated Emission Measurement


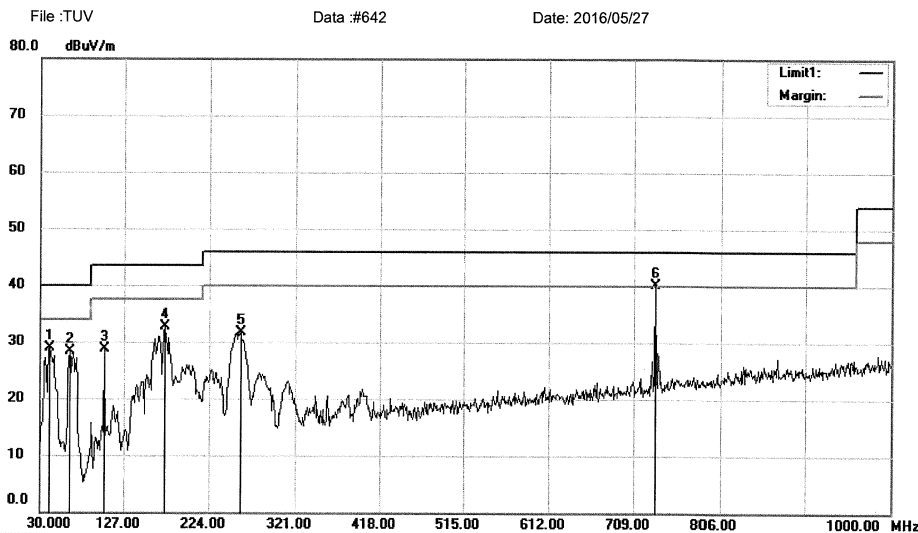
Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:BLE 2480
 Note:

No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	103.7200	34.86	-15.30	19.56	43.50	-23.94	QP			
2 *	178.4100	50.02	-17.17	32.85	43.50	-10.65	QP			
3	253.1000	47.19	-13.33	33.86	46.00	-12.14	QP			
4	285.1100	41.57	-12.23	29.34	46.00	-16.66	QP			
5	313.2400	37.70	-11.43	26.27	46.00	-19.73	QP			
6	376.2900	32.71	-10.25	22.46	46.00	-23.54	QP			

*:Maximum data x:Over limit !:over margin

Operator: KK

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Radiated Emission Measurement


Site: 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: BLE 2480
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1		40.6700	44.30	-15.34	28.96	40.00	-11.04	QP		
2		63.9500	44.69	-16.30	28.39	40.00	-11.61	QP		
3		103.7200	43.93	-15.30	28.63	43.50	-14.87	QP		
4		173.5600	49.94	-17.20	32.74	43.50	-10.76	QP		
5		258.9200	44.72	-13.04	31.68	46.00	-14.32	QP		
6	*	734.2200	43.77	-3.76	40.01	46.00	-5.99	QP		

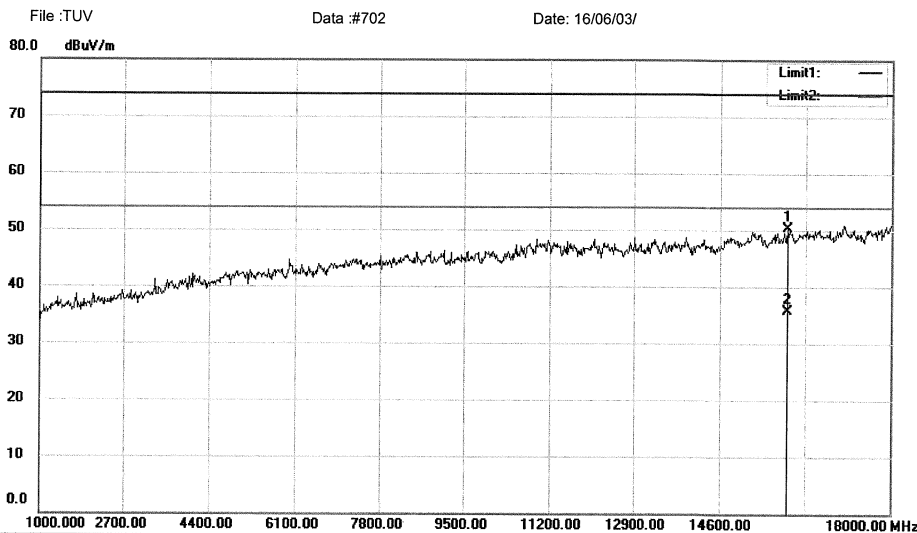
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData :#642

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:BLE 2402
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		15943.00	62.82	-12.57	50.25	74.00	-23.75	peak		
2	*	15943.00	48.37	-12.57	35.80	54.00	-18.20	AVG		

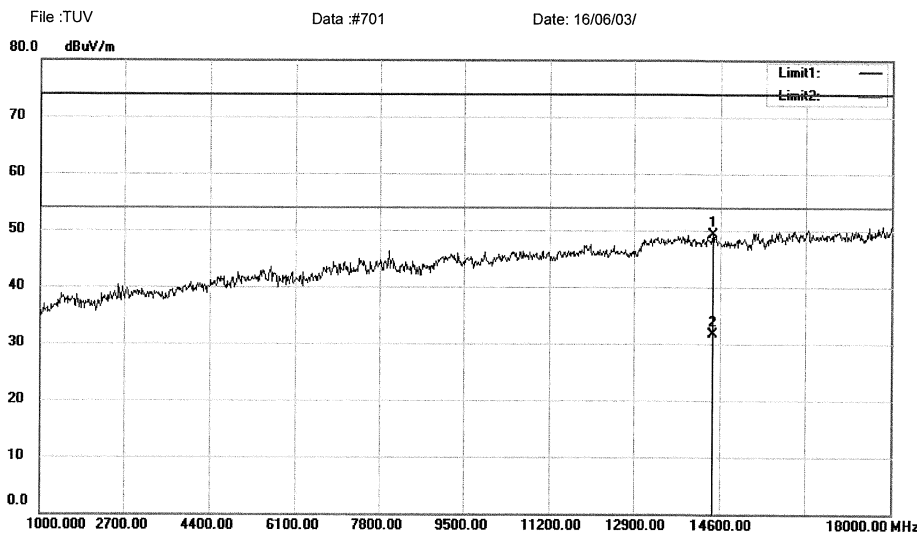
*:Maximum data x:Over limit !:over margin

Operator: XLX

File :TUVData :#702

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Radiated Emission Measurement


Site: 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: BLE 2402
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		14447.00	57.94	-8.61	49.33	74.00	-24.67	peak		
2	*	14447.00	40.41	-8.61	31.80	54.00	-22.20	AVG		

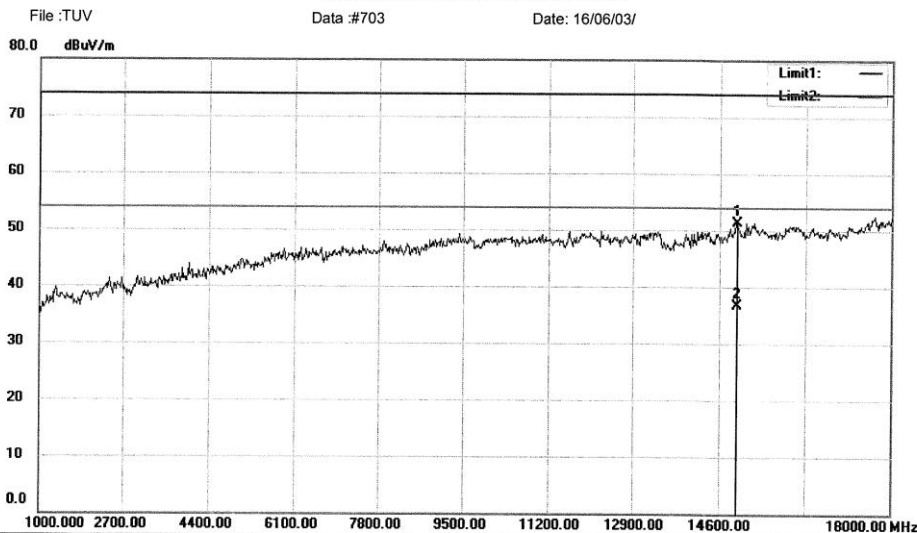
*:Maximum data x:Over limit !:over margin

Operator: XLX

File: TUVData :#701

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: BLE 2440
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1		14940.00	60.88	-9.48	51.40	74.00	-22.60	peak		
2	*	14940.00	46.18	-9.48	36.70	54.00	-17.30	AVG		

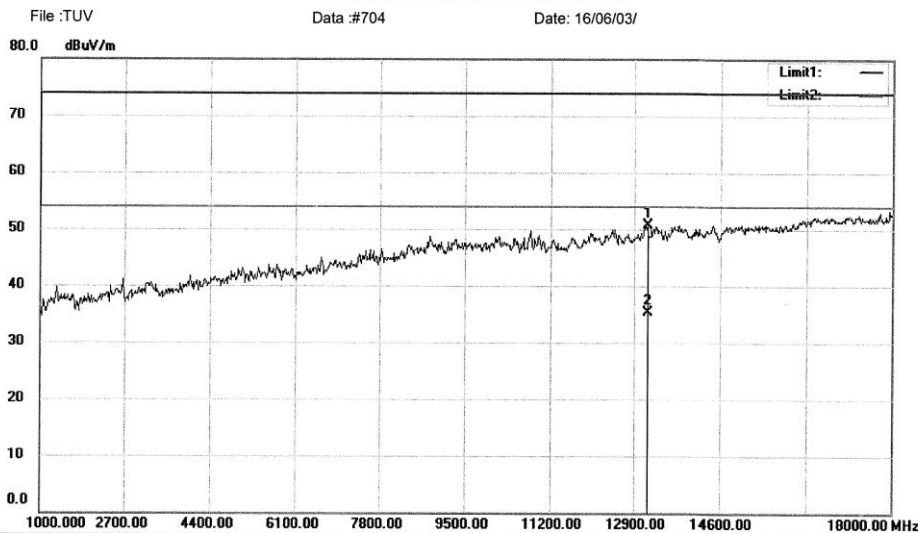
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData :#703

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Radiated Emission Measurement


Site: 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: BLE 2440
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		13172.00	62.53	-11.87	50.66	74.00	-23.34	peak		
2	*	13172.00	47.27	-11.87	35.40	54.00	-18.60	AVG		

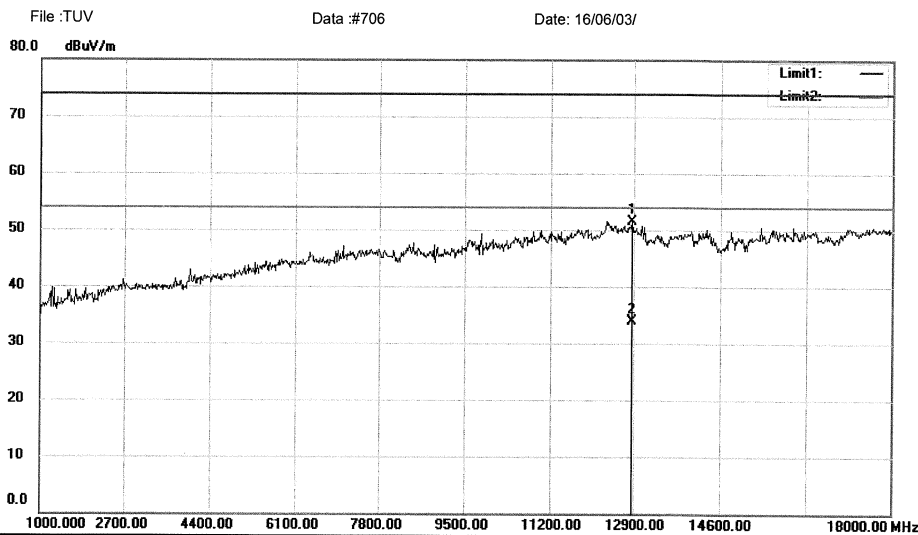
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUVData: #704

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Radiated Emission Measurement


Site: 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: BLE 2480
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		12866.00	64.30	-12.83	51.47	74.00	-22.53	peak		
2	*	12866.00	46.83	-12.83	34.00	54.00	-20.00	AVG		

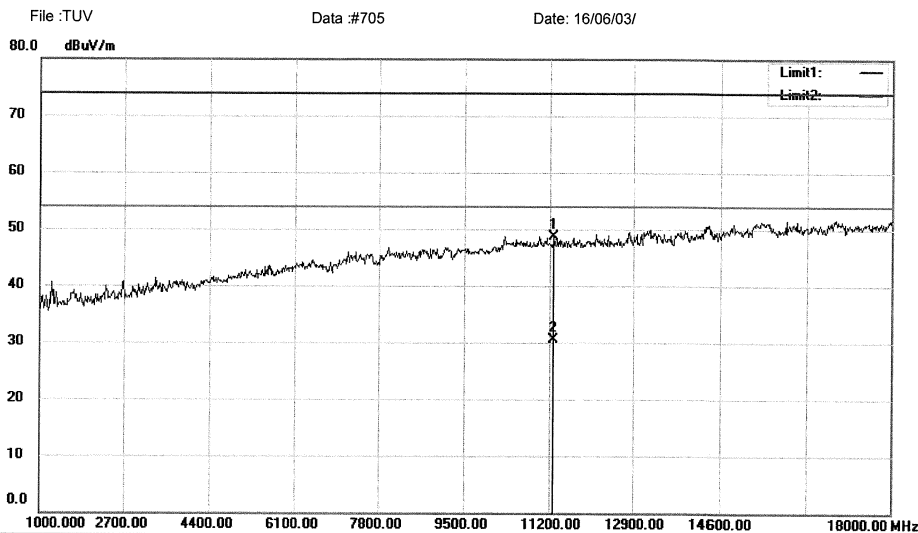
*:Maximum data x:Over limit !:over margin

Operator:

File: TUVData :#706

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Radiated Emission Measurement


Site: 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: BLE 2480
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11285.00	62.23	-13.43	48.80	74.00	-25.20	peak		
2	*	11285.00	44.03	-13.43	30.60	54.00	-23.40	AVG		

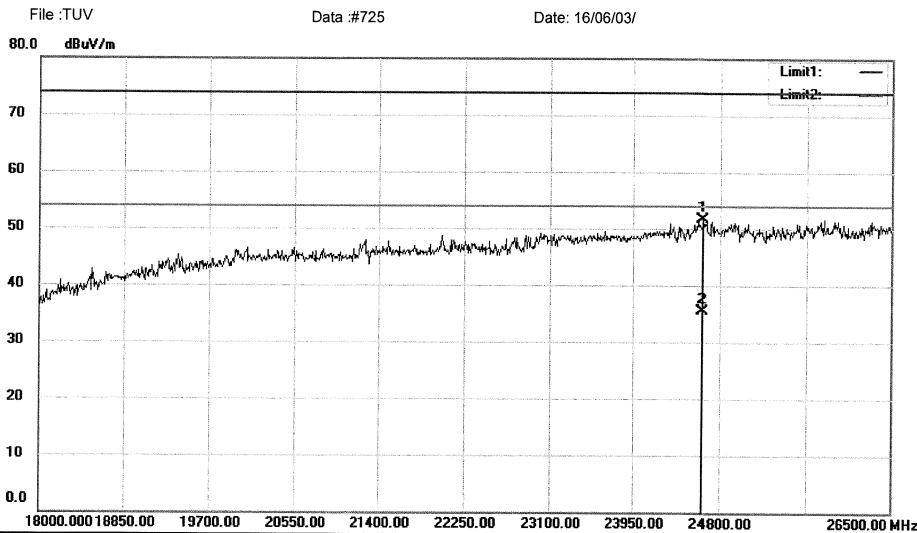
*:Maximum data x:Over limit !:over margin

Operator:

File: TUVData :#705

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: BLE 2402
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1		24638.50	88.82	-37.05	51.77	74.00	-22.23	peak		
2	*	24638.50	72.65	-37.05	35.60	54.00	-18.40	AVG		

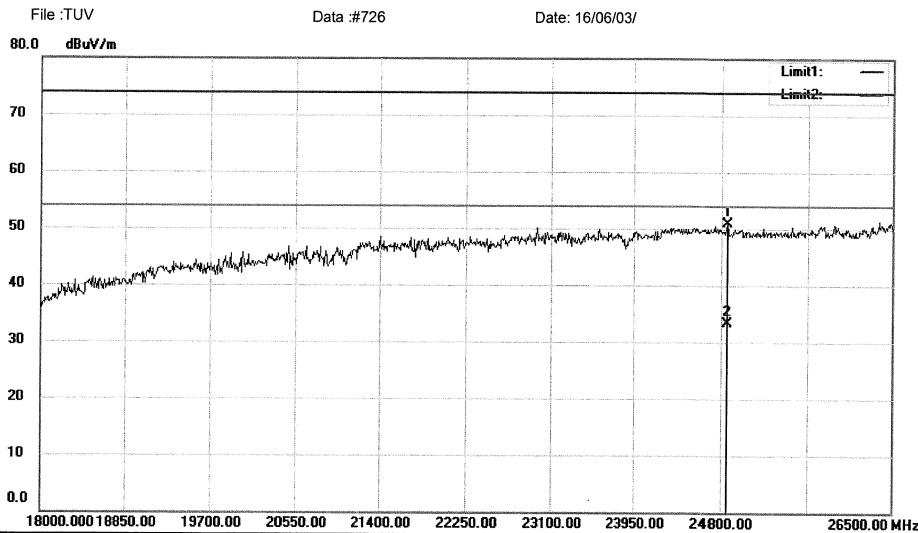
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData :#725

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:BLE 2402
 Note:

No.	Mk.	Freq. MHz	Reading	Correct	Measure-	Limit	Over	Antenna	Table	Comment
			Level dBuV	Factor dB	ment dBuV/m					
1		24859.50	87.91	-37.03	50.88	74.00	-23.12	peak		
2	*	24859.50	70.43	-37.03	33.40	54.00	-20.60	AVG		

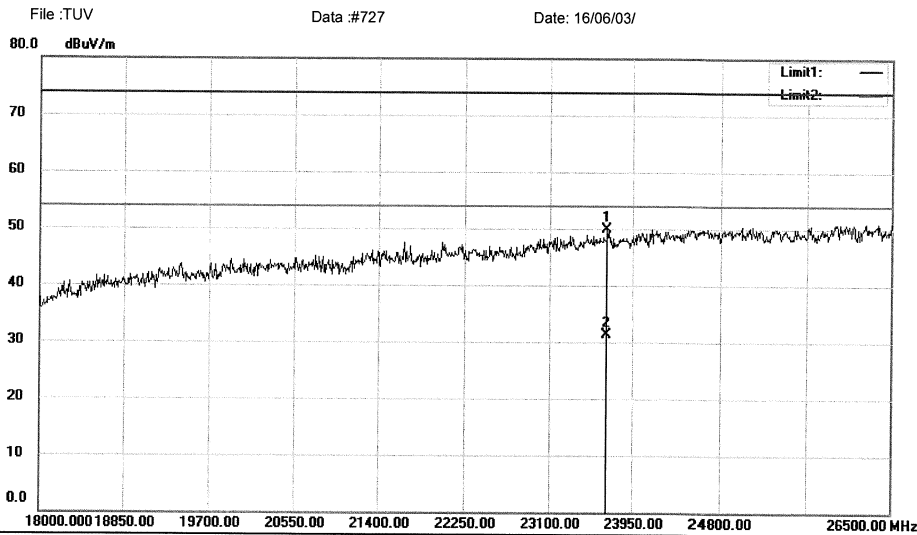
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData :#726

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:BLE 2440
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		23686.50	87.34	-37.46	49.88	74.00	-24.12	peak		
2	*	23686.50	68.86	-37.46	31.40	54.00	-22.60	AVG		

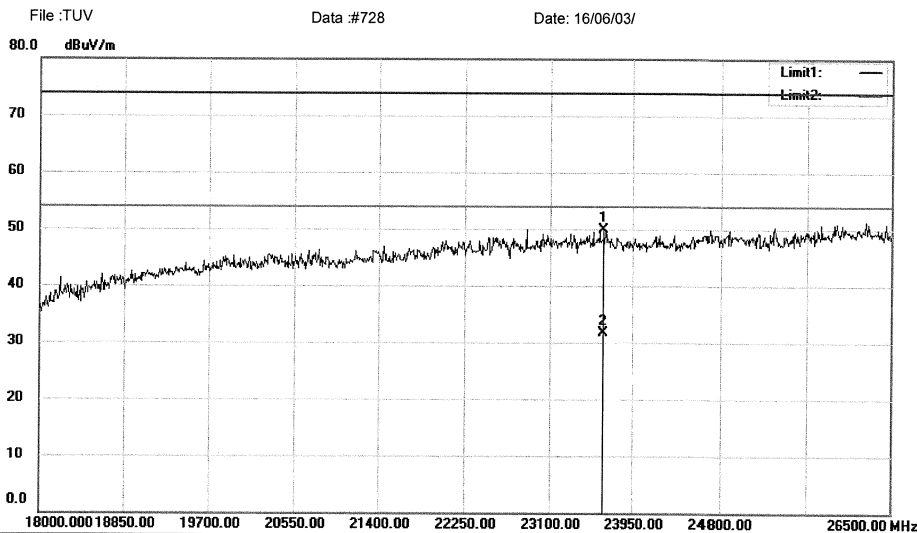
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData :#727

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:BLE 2440
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		23652.50	87.41	-37.49	49.92	74.00	-24.08	peak			
2	*	23652.50	69.19	-37.49	31.70	54.00	-22.30	AVG			

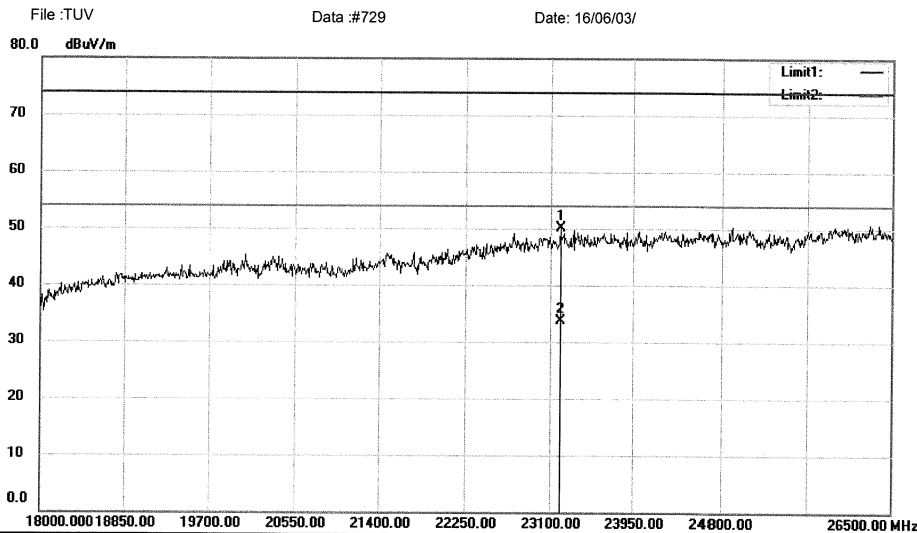
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData #728

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Radiated Emission Measurement


Site: 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: BLE 2480
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		23202.00	88.06	-37.97	50.09	74.00	-23.91			peak
2	*	23202.00	71.77	-37.97	33.80	54.00	-20.20			AVG

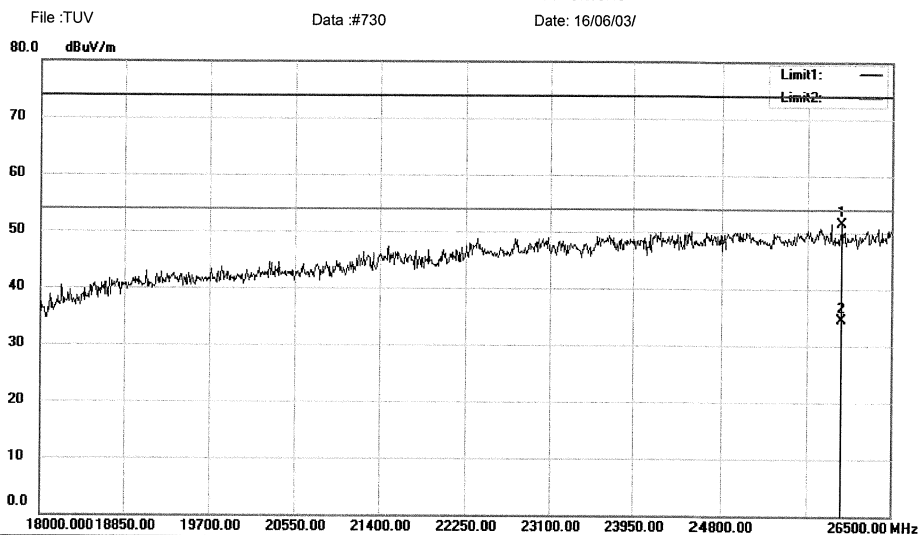
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUVData: #729

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: BLE 2480
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		25998.50	87.37	-35.79	51.58	74.00	-22.42	peak		
2	*	25998.50	70.29	-35.79	34.50	54.00	-19.50	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData :#730

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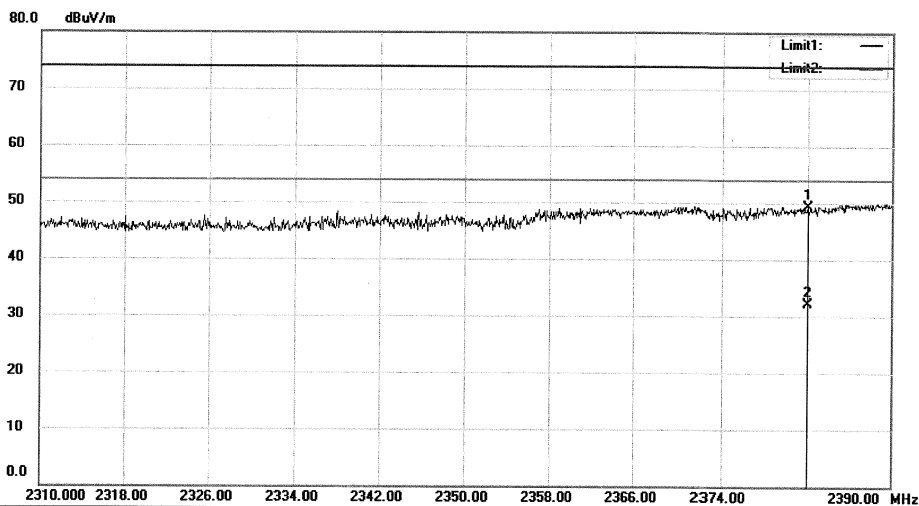
Test Plot of Band Edge of Bluetooth Low Energy mode

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Radiated Emission Measurement

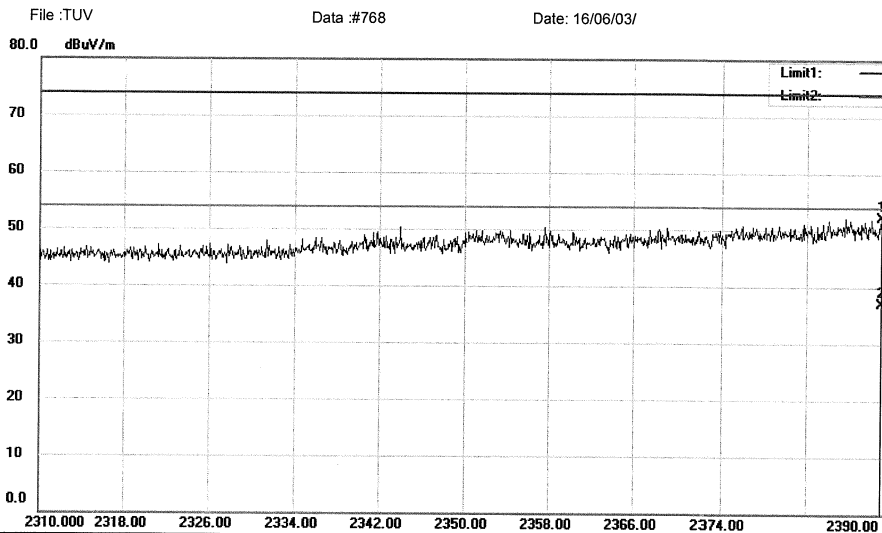
File : TUV Data : #767 Date : 16/06/03/



Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: BLE 2402
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2382.000	41.75	7.55	49.30	74.00	-24.70	peak			
2	*	2382.000	24.55	7.55	32.10	54.00	-21.90	AVG			

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: BLE 2402
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		2389.040	44.44	7.60	52.04	74.00	-21.96	peak		
2	*	2389.040	29.30	7.60	36.90	54.00	-17.10	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

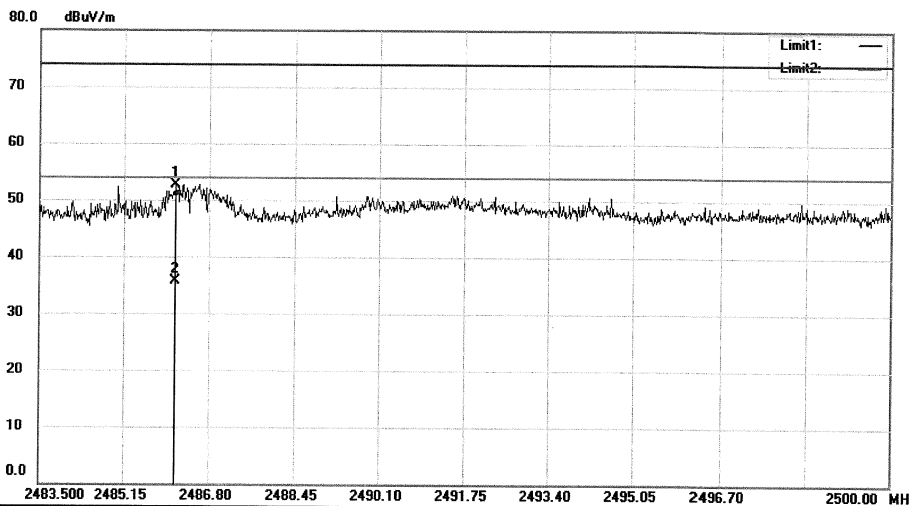
File : TUV\Data : #768

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Radiated Emission Measurement

File :TUV Data :#769 Date: 16/06/03/



Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:BLE 2480
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		2486.157	44.35	8.30	52.65	74.00	-21.35	peak		
2	*	2486.157	27.40	8.30	35.70	54.00	-18.30	AVG		

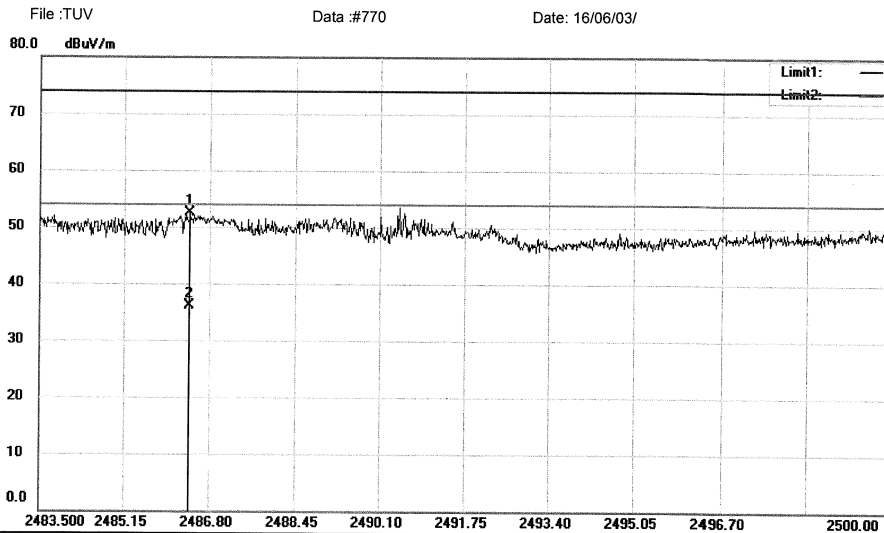
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV\Data :#769

Page: 1

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: BLE 2480
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		2486.421	44.26	8.31	52.57	74.00	-21.43	peak		
2	*	2486.421	27.89	8.31	36.20	54.00	-17.80	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUVData : #770

Page: 1

5.1.8 Frequency Separation

RESULT:
Pass

Date of testing : 2016-05-26
 Test standard : FCC part 15.247(a)(1)
 Basic standard : ANSI C63.10: 2013
 Limit : $\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth,
 whichever is greater
 Kind of test site : Shield room

Test setup

Test Channel : Low/ Middle/ High
 Operation Mode : A.1.a
 Ambient temperature : 25°C
 Relative humidity : 50%
 Atmospheric pressure : 101kPa

Table 14: Test result of Frequency Separation

Channel	Channel Frequency (MHz)	Measured Channel Separation (MHz)	Limit (kHz)	Result
Low Channel	2402	1.000	$\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2403			
Mid Channel	2441	1.000	$\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2442			
High Channel	2479	1.000	$\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2480			

Prüfbericht - Nr.: 50046347 001
Test Report No.
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5.1.9 Number of hopping frequency

RESULT:
Pass

Date of testing : 2016-05-26
 Test standard : FCC part 15.247(a)(1)(iii)
 Basic standard : ANSI C63.10: 2013
 Limits : ≥ 15 non-overlapping channels
 Kind of test site : Shield room

Test setup

Test Channel : Low/ Middle/ High
 Operation Mode : A.1.a
 Ambient temperature : 25°C
 Relative humidity : 50%
 Atmospheric pressure : 101kPa

Table 15: Test result of Number of hopping frequency

Frequency Range	Measured Quantity of Hopping Channel	Limit	Result
2402 to 2480MHz	79	≥ 15	Pass

5.1.10 Time of Occupancy

RESULT:
Pass

Date of testing : 2016-05-27
 Test standard : FCC part 15.247(a)(1)(iii)
 Basic standard : ANSI C63.10: 2013
 Limits : 0.4s
 Kind of test site : Shield room

Test setup

Test Channel : Low/ Middle/ High
 Operation Mode : A.1.a
 Ambient temperature : 25°C
 Relative humidity : 50%
 Atmospheric pressure : 101kPa

Table 16: Test result of Time of Occupancy

Mode	Packet Type	Channel Frequency (MHz)	Packet Duration [ms]	Number of Hops per Channel	Dwell Time (ms)	Limit [ms]
BDR	DH1	2402	0.404	320	129.28	400
		2441	0.400	320	128.00	400
		2480	0.396	320	126.72	400
	DH3	2402	1.652	165	272.58	400
		2441	1.638	165	270.27	400
		2480	1.652	165	272.58	400
	DH5	2402	2.900	112	324.80	400
		2441	2.900	112	324.80	400
		2480	2.900	112	324.80	400
EDR	DH1	2402	0.372	320	119.04	400
		2441	0.372	320	119.04	400
		2480	0.368	320	117.76	400
	DH3	2402	1.652	165	272.58	400
		2441	1.645	165	271.43	400
		2480	1.652	165	272.58	400
	DH5	2402	2.830	112	316.96	400
		2441	2.820	112	316.96	400
		2480	2.820	112	316.96	400

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5.1.11 Conducted emissions

RESULT:**Pass**

Date of testing : 2016-06-03
Test standard : FCC Part 15.207
Basic standard : ANSI C63.10: 2013
Frequency range : 0.15 – 30MHz
Limits : FCC Part 15.207
Kind of test site : Shield room

Test setup

Input Voltage : AC 120V, 60Hz
Operation Mode : A
Earthing : Not Connected
Ambient temperature : 22°C
Relative humidity : 55%
Atmospheric pressure : 101kPa

For details refer to following test plot.

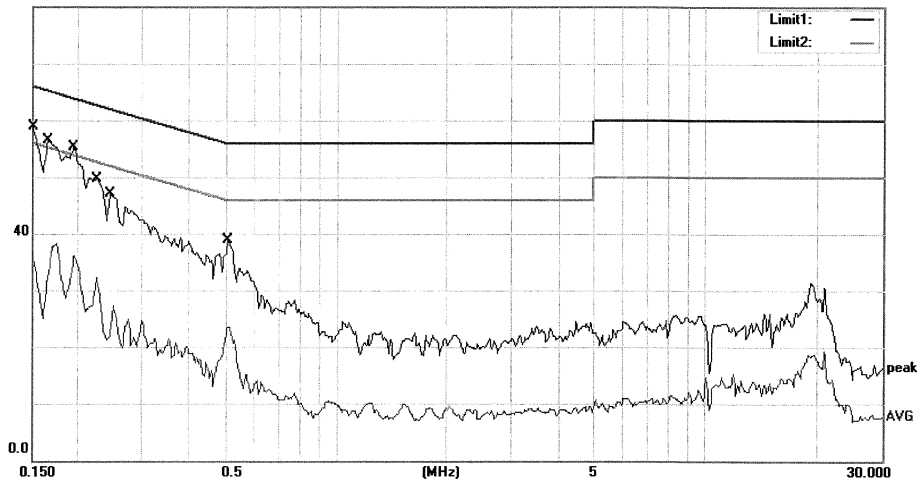
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Conducted Emission Measurement

 File: TUV
 80.0 dBuV

Data #2239

Date: 16/06/03/



Site: Conduction #1

Phase: L1

Temperature: 22

Limit: (CE)FCC PART 15 class B_QP

Power: AC120V/60Hz

Humidity: 55 %

EUT: MID

M/N: NS-P16AT08

Mode: BT 4.0

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1500	58.86	0.00	58.86	66.00	-7.14	QP	
2		0.1500	36.62	0.00	36.62	56.00	-19.38	AVG	
3		0.1658	56.33	0.00	56.33	65.17	-8.84	QP	
4		0.1658	38.36	0.00	38.36	55.17	-16.81	AVG	
5		0.1950	55.31	0.00	55.31	63.82	-8.51	QP	
6		0.1950	36.18	0.00	36.18	53.82	-17.64	AVG	
7		0.2255	49.61	0.00	49.61	62.61	-13.00	QP	
8		0.2255	32.37	0.00	32.37	52.61	-20.24	AVG	
9		0.2450	47.16	0.00	47.16	61.92	-14.76	QP	
10		0.2450	27.26	0.00	27.26	51.92	-24.66	AVG	
11		0.5100	38.85	0.00	38.85	56.00	-17.15	QP	
12		0.5100	23.59	0.00	23.59	46.00	-22.41	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: CSL

File: TUV\Data:#2239

Page: 1

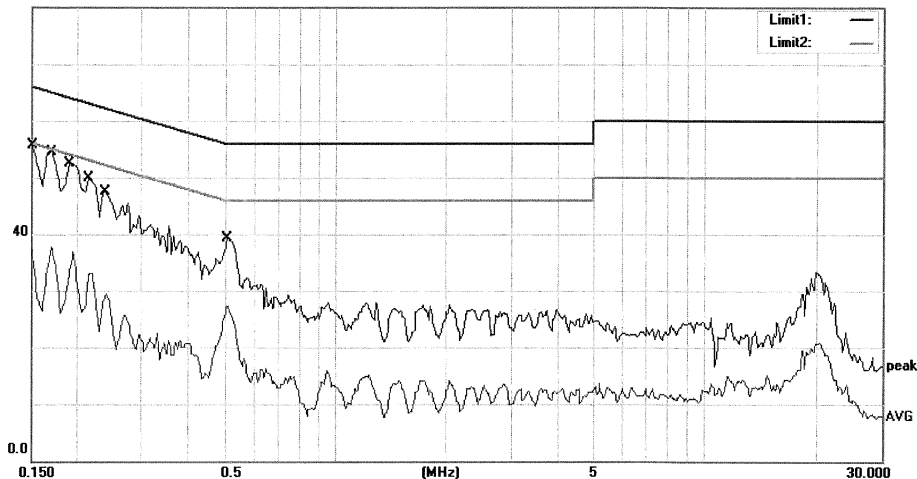
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Conducted Emission Measurement

 File : TUV
 80.0 dBuV

Data : #2240

Date: 16/06/03/



Site: Conduction #1

Phase: N

Temperature: 22

Limit: (CE)FCC PART 15 class B_QP

Power: AC120V/60Hz

Humidity: 55 %

EUT: MID

M/N: NS-P16AT08

Mode: BT 4.0

Note:

No.	Mk.	Freq. MHz	Reading	Correct	Measure-	Limit		Over	Detector	Comment
			Level dBuV	Factor dB	ment dBuV	dBuV	dB			
1	*	0.1500	55.80	0.00	55.80	66.00	-10.20	QP		
2		0.1500	37.40	0.00	37.40	56.00	-18.60	AVG		
3		0.1700	54.60	0.00	54.60	64.96	-10.36	QP		
4		0.1700	37.67	0.00	37.67	54.96	-17.29	AVG		
5		0.1904	52.43	0.00	52.43	64.02	-11.59	QP		
6		0.1904	36.94	0.00	36.94	54.02	-17.08	AVG		
7		0.2150	49.91	0.00	49.91	63.01	-13.10	QP		
8		0.2150	33.14	0.00	33.14	53.01	-19.87	AVG		
9		0.2404	47.25	0.00	47.25	62.08	-14.83	QP		
10		0.2404	29.47	0.00	29.47	52.08	-22.61	AVG		
11		0.5100	39.38	0.00	39.38	56.00	-16.62	QP		
12		0.5100	27.30	0.00	27.30	46.00	-18.70	AVG		

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: CSL

File : TUV\Data : #2240

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